908 North Temperance Ave. ∇ Clovis, CA 93611 ∇ Phone 559-275-2175 ∇ Fax 559-275-4422

Certification Number: CA1312
NELAP Certification number: CA00046
DoD-ELAP Certificate number: 4064.01

Data Validatable Report

March 29, 2022

AECOM
1001 Bishop Street, Suite 1600
Honolulu, Hawaii 96813

Attn: Alethea Ramos

Title: Report of Data: Case 97781-rev

Project: 60571032 CV18F0126 Red Hill Fuel Storage, HI

Contract #: Prime contract # for DoD: NAVY CLEAN N62742-17-F-1800, CV18F0126
Subcontract: 18S-22209-HI27

Dear Ms. Ramos:

Eight water samples were received October 7, 2021. Revised written results for the requested analyses are being provided on this March 29, 2022.

Revision: For EPA 8015B, sample ERH1792, the silica gel cleaned extract was contaminated during the clean up process. The extract was re-silica gel cleaned and this chromatogram has no evidence of contamination. Please see NWR 986.

Results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

If you have any questions or require further information, please contact your APPL Project Manager, Libby Cheeseborough, libby@applinc.com, at your convenience. Thank you for choosing APPL, Inc.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. These test results meet all requirements of NELAC and DoD QSM. Release of the hard copy has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Loren Portwood, Laboratory Director
APPL, Inc.

LP/lac
Enclosure
cc: File

Data Validation Package
for
60571032 CV18F0126 Red Hill Fuel Storage
APPL SDG 97781
TABLE OF CONTENTS

LABORATORY NAME: *APPL, Inc.*

CASE NARRATIVE

Case Narrative

ARF: 97781

Project: 60571032 CV18F0126 Red Hill Fuel Storage. HI

Sample Receipt Information:

Eight water samples were received October 7, 2021 at 2.1°C, and 2.1°C. The sample group was assigned Analytical Request Form (ARF) number 97781.

Sample Preparation and Analysis Information:

For the EPA 8015B analysis, the samples were extracted according to EPA method 3520C. The sample extracts were silica gel cleaned according to APPL's SOP CLN004 and analyzed.

For the EPA 8015B analysis, pre-extraction sample blanks were extracted according to EPA method 3520C before the method QC and field samples. The sample blanks are included in this report.

For the EPA 8270D SIM analysis, the samples were extracted according to EPA method 3520C.

For the EPA 8260B analysis, the samples were purged according to EPA method 5030B.

For the EPA 9060A analysis, the samples were prepared according to the methods.

Only the portion of the injection log relative to these samples is included. A full sequence log is available upon request. Measurement uncertainty can be reported upon request.

Analytical Exceptions, Deviations and Abnormalities.

EPA 8015B: The 211011A-LCS/ LCSD recovered Oil above the upper control limit.

EPA 8015B SGC: The 211011A1-LCS/ LCSD recovered Oil above the upper control limit.

EPA 8015B Blank: In the 211008A method blank, Oil was detected above one-half the LOQ. Corrective action: None. Oil was not detected in the associated samples.

EPA 8270D SIM: The surrogate Fluoranthene-D10 recovered below the 59% lower control limit in three samples. The surrogate is not associated with the reported analytes.

SDG	Received	Client ID	APPL ID	Collected DateTime	Matrix	Method	Method Description
97781	10/7/2021	ERH1782	BA42511	10/6/2021 10:05:00 AM	WATER	EPA 8260B	EPA 8260B BTEX WATER
97781	10/7/2021	ERH1782	BA42511	10/6/2021 10:05:00 AM	WATER	EPA 8260B	EPA 8260B GRO WATER
97781	10/7/2021	ERH1783	BA42512	10/6/2021 10:10:00 AM	WATER	EPA 8260B	EPA 8260B BTEX WATER
97781	10/7/2021	ERH1783	BA42512	10/6/2021 10:10:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH WATER L-L SGC
97781	10/7/2021	ERH1783	BA42512	10/6/2021 10:10:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ
97781	10/7/2021	ERH1783	BA42512	10/6/2021 10:10:00 AM	WATER	EPA 8260B	EPA 8260B GRO WATER
97781	10/7/2021	ERH1783	BA42512	10/6/2021 10:10:00 AM	WATER	8270D-SIM	EPA 8270D SIM LIQ-LIQ
97781	10/7/2021	ERH1783	BA42512	10/6/2021 10:10:00 AM	WATER	SW846 9060A	9060A TOC
97781	10/7/2021	ERH1785	BA42513	10/6/2021 11:16:00 AM	WATER	EPA 8260B	EPA 8260B BTEX WATER
97781	10/7/2021	ERH1785	BA42513	10/6/2021 11:16:00 AM	WATER	EPA 8260B	EPA 8260B GRO WATER
97781	10/7/2021	ERH1786	BA42514	10/6/2021 11:30:00 AM	WATER	EPA 8260B	EPA 8260B BTEX WATER
97781	10/7/2021	ERH1786	BA42514	10/6/2021 11:30:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH WATER L-L SGC
97781	10/7/2021	ERH1786	BA42514	10/6/2021 11:30:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ
97781	10/7/2021	ERH1786	BA42514	10/6/2021 11:30:00 AM	WATER	EPA 8260B	EPA 8260B GRO WATER
97781	10/7/2021	ERH1786	BA42514	10/6/2021 11:30:00 AM	WATER	8270D-SIM	EPA 8270D SIM LIQ-LIQ
97781	10/7/2021	ERH1786	BA42514	10/6/2021 11:30:00 AM	WATER	SW846 9060A	9060A TOC
97781	10/7/2021	ERH1788	BA42515	10/6/2021 12:55:00 PM	WATER	EPA 8260B	EPA 8260B BTEX WATER
97781	10/7/2021	ERH1788	BA42515	10/6/2021 12:55:00 PM	WATER	EPA 8260B	EPA 8260B GRO WATER
97781	10/7/2021	ERH1789	BA42516	10/6/2021 1:00:00 PM	WATER	EPA 8260B	EPA 8260B BTEX WATER
97781	10/7/2021	ERH1789	BA42516	10/6/2021 1:00:00 PM	WATER	EPA 8015B-eHL	EPA 8015B TPH WATER L-L SGC
97781	10/7/2021	ERH1789	BA42516	10/6/2021 1:00:00 PM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ
97781	10/7/2021	ERH1789	BA42516	10/6/2021 1:00:00 PM	WATER	EPA 8260B	EPA 8260B GRO WATER
97781	10/7/2021	ERH1789	BA42516	10/6/2021 1:00:00 PM	WATER	8270D-SIM	EPA 8270D SIM LIQ-LIQ
97781	10/7/2021	ERH1789	BA42516	10/6/2021 1:00:00 PM	WATER	SW846 9060A	9060A TOC
97781	10/7/2021	ERH1791	BA42517	10/6/2021 9:00:00 AM	WATER	EPA 8260B	EPA 8260B BTEX WATER
97781	10/7/2021	ERH1791	BA42517	10/6/2021 9:00:00 AM	WATER	EPA 8260B	EPA 8260B GRO WATER
97781	10/7/2021	ERH1792	BA42518	10/6/2021 9:12:00 AM	WATER	EPA 8260B	EPA 8260B BTEX WATER
97781	10/7/2021	ERH1792	BA42518	10/6/2021 9:12:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH WATER L-L SGC
97781	10/7/2021	ERH1792	BA42518	10/6/2021 9:12:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ
97781	10/7/2021	ERH1792	BA42518	10/6/2021 9:12:00 AM	WATER	EPA 8260B	EPA 8260B GRO WATER
97781	10/7/2021	ERH1792	BA42518	10/6/2021 9:12:00 AM	WATER	8270D-SIM	EPA 8270D SIM LIQ-LIQ
97781	10/7/2021	ERH1792	BA42518	10/6/2021 9:12:00 AM	WATER	SW846 9060A	9060A TOC
97781	10/7/2021	ERH1783 BLANK	BA42519	10/6/2021 10:10:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ
97781	10/7/2021	ERH1786 BLANK	BA42520	10/6/2021 11:30:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ
97781	10/7/2021	ERH1789 BLANK	BA42521	10/6/2021 1:00:00 PM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ

97781	10/7/2021	ERH1792 BLANK	BA42522	10/6/2021 9:12:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ

Abbreviations and Flags

FLAG	DESCRIPTION
#	Recovery or RPD outside control limits
*	Recovery or RPD outside control limits
B	Analyte detected in associated method blank
C1	Reason for correction: wrote incorrect response
C2	Reason for correction: calculated incorrectly
C3	Reason for correction: needs to be rechecked
C4	Reason for correction: data not usable
DO	Diluted out
E	Exceeds linear range
F	Estimated value
G1	Includes a wide range of hydrocarbons which does not match our gasoline standard
G10	Includes a match to hydrocarbon profiles within the range of mineral spirits
G11	Includes a match to hydrocarbon profiles within the range of JP-4
G12	Pattern does not match the gasoline standard; the carbon range for this sample is consistent with JP8
G13	Closely resembles the hydrocarbon profile of aviation gasoline
G14	Analyte concentration may be biased due to carry over
G2	Closely resembles the boiling point hydrocarbon profile consistent with weathered gasoline
G3	Includes higher boiling hydrocarbons
G4	Includes dominant peak(s) not indicative of petroleum hydrocarbons
G5	Is mainly dominant peak(s) not indicative of petroleum hydrocarbons
G6	Contains recognizable contaminant peak(s) which has been removed from quantitation
G7	Is mainly a match to hydrocarbons within the range of gasoline
G8	Closely resembles the boiling point hydrocarbon profile consistent with weathered gasoline
G9	Includes hydrocarbons within the range of kerosene
J	Estimated value
M	Matrix effect
MI1	Manual integration: integration does not follow baseline
MI2	Manual integration: non-target peak interference
MI3	Manual integration: to split a peak that was integrated as one peak by the computer
MI4	Manual integration: to integrate a split peak
MI5	Manual integration: the whole peak or part of the peak was not integrated
MI6	Manual integration: computer integrated wrong peak
MI7	Manual integration: other - explain
MDL	Method detection limit
ND	Not detected
NT	Non-target
Q	Acceptance criteria not met
T1 I	Includes wide range of hydrocarbons not indicative of diesel
T1 M	Is mainly wide range of hydrocarbons not necessarily indicative of diesel
T2 I	Includes lower boiling hydrocarbons, i.e. mineral spirits, kerosene, stoddard solvent, white gas
T2 M	Is mainly lower boiling hydrocarbons, i.e. mineral spirits, kerosene, stoddard solvent, white gas
T3 I	Includes higher boiling hydrocarbons, i.e. asphaltene, waster oil, motor oil, or weathered diesel fuel
T3 M	Is mainly higher boiling hydrocarbons, i.e. asphaltene, waster oil, motor oil, or weathered diesel fuel
T4 I	Includes dominant peak(s) not indicative of hydrocarbons
T4 M	Is mainly dominant peak(s) not indicative of hydrocarbons
T5	Contains recognizable contaminant peak(s) which has been removed from quantitation
T6	Is mainly a match to hydrocarbons within range of diesel fuel
T7	Closely resembles the boiling point hydrocarbon profile consistent with diesel fuel
T8	Includes a match to hydrocarbon profiles within range of diesel and kerosene fuel
T9 I	Includes non-diesel hydrocarbons within boiling point range of diesel fuel
T9 M	Is mainly non-diesel hydrocarbons within boiling point range of diesel fuel.
Y	Percent difference between primary and confirmation column > 40%

SAMPLE RECORDS MANAGEMENT

CHAIN OF CUSTODY,

ARF, CRF, AND

CLIENT COMMUNICATION

APPL - Analysis Request Form 97781

Client: **AECOM**
Address: **1001 Bishop Street, Suite 1600**
Honolulu, HI 96813
Attn: **Alethea Ramos**
Phone: **808-954-4536** Fax: **808-523-8950**
Job: **60571032 CV18F0126 Red Hill Fuel Storage**
PO #: **18S-22209-HI27 PO# 102604**
Chain of Custody (Y/N): **Y** # **50075,50076**
RAD Screen (Y/N): **Y** pH (Y/N): **Y**
Turn Around Type: **1 WEEK**

Received by: **MSA**
Date Received: **10/07/21** Time: **10:30**
Delivered by: **FEDEX**
Shuttle Custody Seals (Y/N): **Y** Time Zone: **-10**
Chest Temp(s): **2.1,2.1°C**
Color: **VFRG/C-Black**
Samples Chilled until Placed in Refrig/Freezer: **Y**
Project Manager: **Libby Cheesebor**
QC Report Type: **DVP4DOD/EQUIS/HI**
Due Date: **10/14/21**

Comments:
PM: login and F1s to Margie.Pascua@aecom.com & alethea.ramos@aecom.com
AN: 7 day TAT for Form 1s; 21 day TAT for PKG STYLE 1; DOD v5.1; DOD Forms: LOD database
Report MS/MSD/DUPs when AECOM sample used
8260: BTEX & TPH-G only; 8270 SIM: 1-methylnaphthalene, 2-methylnaphthalene & naphthalene only.
TPH-D/O both with and w/o SGC, reverse surrog for SGC; DO NOT Q-DELETE.
FR: email ftp info to Margie, alethea.ramos@aecom.com, Stella, trommelfanger@lab-data.com & jcanlas@la
EDD: AECOM EQuIS EDD 2.5.3 to alethea.ramos@, Margie.Pascua@aecom.com, jecklund@lab-data.com

Sample Distribution:
GC: 4-$DOC53SGCW5LIQ, 4-$DOC53W5LIQ, 4-$SIM53LIQ51, 4-$RHBLKETBLK
Extractions: 4-_LIQ003, 8-_LIQ005, 4-_LIQ005SGC
VOA: 8-$86BTOTXDOD5W, 8-$GASBL, 8-$GRO86BW
Wetlab: 4-$TOCW53

Charges:

Invoice To:
ACCOUNTS PAYABLE
1001 Bishop Street, Ste 1600
USAPImaging@aecom.com
mary.basano@aecom.com

	Client ID		APPL ID	Sampled		Analyses Requested
1.	ERH1782	LCSD	BA42511W	10/06/21	10:05	$86BTOTXDOD5W, $GASBL, $GRO86BW -- See Comments
2.	ERH1783	LCSD	BA42512W	10/06/21	10:10	$86BTOTXDOD5W, $DOC53SGCW5LIQ, $DOC53W5LIQ, $GASBL, $GRO86BW, $SIM53LIQ51, $TOCW53 -- See Comments
3.	ERH1785	LCSD	BA42513W	10/06/21	11:16	$86BTOTXDOD5W, $GASBL, $GRO86BW -- See Comments
4.	ERH1786	LCSD	BA42514W	10/06/21	11:30	$86BTOTXDOD5W, $DOC53SGCW5LIQ, $DOC53W5LIQ, $GASBL, $GRO86BW, $SIM53LIQ51, $TOCW53 -- See Comments

Note: All times, excluding sample collection times, are Pacific Time Zone unless noted otherwise. Collection times are in: -10 UTC

5.	ERH1788	LCSD BA42515W	10/06/21	12:55	$86BTOTXDOD5W, $GASBL, $GRO86BW -- See Comments
6.	ERH1789	LCSD BA42516W	10/06/21	13:00	$86BTOTXDOD5W, $DOC53SGCW5LIQ, $DOC53W5LIQ, $GASBL, $GRO86BW, $SIM53LIQ51, $TOCW53 -- See Comments
7.	ERH1791	LCSD BA42517W	10/06/21	09:00	$86BTOTXDOD5W, $GASBL, $GRO86BW -- See Comments
8.	ERH1792	LCSD BA42518W	10/06/21	09:12	$86BTOTXDOD5W, $DOC53SGCW5LIQ, $DOC53W5LIQ, $GASBL, $GRO86BW, $SIM53LIQ51, $TOCW53 -- See Comments
9.	ERH1783 BLANK	LCSD BA42519W	10/06/21	10:10	$RHBLKETBLK -- See Comments
10.	ERH1786 BLANK	LCSD BA42520W	10/06/21	11:30	$RHBLKETBLK -- See Comments
11.	ERH1789 BLANK	LCSD BA42521W	10/06/21	13:00	$RHBLKETBLK -- See Comments
12.	ERH1792 BLANK	LCSD BA42522W	10/06/21	09:12	$RHBLKETBLK -- See Comments

APPL Sample Receipt Form

ARF# **97781**

Sample	Container Type	Count	p
BA42511	[13] VOAs - HCL	4	NA
BA42512	[13] VOAs - HCL	4	NA
	[17] Amber Liter	2	NA
	[32] Clear VOA - H2SO4	2	NA
	[39] Amber Liter, HCL prsvd	2	1.6
BA42513	[13] VOAs - HCL	4	NA
BA42514	[13] VOAs - HCL	4	NA
	[17] Amber Liter	2	NA
	[32] Clear VOA - H2SO4	2	NA
	[39] Amber Liter, HCL prsvd	2	1.6
BA42515	[13] VOAs - HCL	4	NA
BA42516	[13] VOAs - HCL	4	NA
	[17] Amber Liter	2	NA
	[32] Clear VOA - H2SO4	2	NA
	[39] Amber Liter, HCL prsvd	2	1.6
BA42517	[13] VOAs - HCL	4	NA
BA42518	[13] VOAs - HCL	4	NA
	[17] Amber Liter	2	NA
	[32] Clear VOA - H2SO4	2	NA
	[39] Amber Liter, HCL prsvd	2	1.6
BA42519	[39] Amber Liter, HCL prsvd	1	NA
BA42520	[39] Amber Liter, HCL prsvd	1	NA
BA42521	[39] Amber Liter, HCL prsvd	1	NA
BA42522	[39] Amber Liter, HCL prsvd	1	NA

Sample	Container Type	Count	p

CHAIN OF CUSTODY RECORD 97781

APPL, Inc.
908 N Temperance Ave
Clovis, CA 93611
Phone: (559) 275-2175
Fax: (559) 275-4422

C.O.C. 50075 NOI

Report to: PLEASE PRINT	Invoice to: PLEASE PRINT
Company Name: AECOM	Company Name:
Address: 1001 Bishop St., Suite 1600, Honolulu, HI 96813	Address:
Attn: Alethea Ramos (808)521-3051	Accounts Payable
Alethea.Ramos@aecom.com	Email: USAPImaging@aecom.com
CV_18F0126 / 60571032	Attn:
Phone:	Phone:
Fax:	Fax:

Project Name/Number	Sampler (Print)
60571032.02.20.01	NL, KL, CF
Purchase Order Number	**Sampler (Signature)**
102604	for NL, KL, CF

Date Shipped: 10/6/21
Carrier: FedEx
Waybill No.:
Comments:

Sample Identification	Location	Date Collected	Time Collected	Time Zone	No. of Containers	Matrix: Aq	Sed.	Soil	BTEX by 8260	TPH-G by 8260	TPH-D/O 8015	TPH-D/O SGC 8015	PAH Short List 8270D SIM	TOC by 9060	Comments
ERH1782	Trip Blank	10/6/21	1005	HST	4	X			X	X					
ERH1783	RHMW01R		1010		10	X			X	X	X	X	X*	X	
ERH1785	Trip Blank		1116		4	X			X	X					
ERH1786	RHMW02		1130		10	X			X	X	X	X	X*	X	
ERH1788	Trip Blank		1255		0	X			X	X					TPH-D/O and PAHs
ERH1789	RHMW03		1300		0	X			X	X	X	X	X*	X	need liquid-liquid
ERH1791	Trip Blank		0900		0	X			X	X					extraction;
ERH1792	RHMW05		0912		0	X			X	X	X	X	X*	X	*Naphthalene
															1-methylnaphthalene
		10/6/21													2-Methylnaphthalene

Shuttle Temperature: (3(4.0/2.1) 4.0/2.1°C

Turnaround Requested: Check one
☐ Standard 2-3 wk ☑ One week ☐ 24/48 Hrs. ☐ Other

Sample Disposal:
☐ Return to client ☑ Disposal by Lab (30-day retention)

Relinquished by sampler:	Date	Time	Received by:	Relinquished by:	Date	Time	Received by:
Relinquished by: Tianzhen Nie	Date 10/6/21	Time 15:00	Received by:	Relinquished by:	Date 10/7/21	Time 1030	Received at lab by:

White: Return to client with report Yellow: Laboratory Copy Pink: Sampler

See reverse side for Container Preservative and Sampling Information

CHAIN OF CUSTODY RECORD

APPL, Inc.
908 N Temperance Ave
Clovis, CA 93611
Phone: (559) 275-2175
Fax: (559) 275-4422

C.O.C. 50076 NOI

Report to: PLEASE PRINT	Invoice to: PLEASE PRINT
Company Name: AECOM	Company Name:
Address: 1001 Bishop St., Suite 1600, Honolulu, HI 96813	Address: Accounts Payable, Email: USAPImaging@aecom.com
Attn: Alethea Ramos (808)521-3051, Alethea.Ramos@aecom.com, CV_18F0126 / 60571032	Phone: Fax:
	Attn:

Project Name/Number	Sampler (Print)	Purchase Order Number	Sampler (Signature)
60571032.02.20.01	NL, KL, CF	102604	

Sample Identification	Location	Date Collected	Time Collected	Time Zone	No. of Containers	Matrix: Aq	Sed.	Soil	BTEX by 8260D	TPH-G by 8260D	TPH-D/O by 8015	TPH-D/O SGC 8015	PAH Short List 8270D SIM	TOC by 9060	Date Shipped: 10/6/21 / Carrier: FedEx / Waybill No.: / Comments:
ERH1782	Trip Blank	10/6/21	1005	HST	0	X			X	X					
ERH1783	RHMW01R		1010		0	X			X	X	X	X	X*	X	
ERH1785	Trip Blank		1116		0	X			X	X					
ERH1786	RHMW02		1130		0	X			X	X	X	X	X*	X	
ERH1788	Trip Blank		1255		4	X			X	X					TPH-D/O and PAHs read liquid-liquid extraction
ERH1789	RHMW03		1300		10	X			X	X	X	X	X*	X	
ERH1791	Trip Blank		0900		4	X			X	X					*Naphthalene 1-methylnaphthalene 2-Methylnaphthalene
ERH1792	RHMW05		0912		10	X			X	X	X	X	X*	X	
		YM 10/6/21													

Shuttle Temperature:	Turnaround Requested: Check one	Sample Disposal:
R3 (+0/2.1)	☐ Standard 2-3 wk ☑ One week ☐ 24/48 Hrs. ☐ Other	☐ Return to client ☑ Disposal by Lab (30-day retention)

Relinquished by sampler:	Date	Time	Received by:	Relinquished by:	Date	Time	Received by:
Relinquished by: Tianzhen Niu	10/6/21	15:00	Received by:	Relinquished by:	10/7/21	1030	Received at lab by:

White: Return to client with report Yellow: Laboratory Copy Pink: Sampler

See reverse side for Container Preservative and Sampling Information

COOLER RECEIPT FORM **ARF: 97781**

1) Project: 60571032 CV18F0126 Red Hill Fuel Storage Date Received: 10/7/2021

2) Coolers: Number of Coolers: 2

3) YES Were custody seals present and intact?
How many? 4 Name/Date on seal? SEE BELOW

4) YES Was there a shipping slip? Carrier name: FEDEX

5) Type of packing in cooler: X bubble wrap __ popcorn __ foam X plastic bags __ other
X wet ice __ dry ice __ no ice __ gel ice

6) YES Were cooler temperatures acceptable?

7) Serial number of calibrated thermometer used: R3 CF:-1.9°C

8) Cooler temp(s): In °C. Thermometer Temp / Corrected Temp

1: 4.0/2.1 2: 4.0/2.1 3: ____ 4: ____ 5: ____ 6: ____
7: ____ 8: ____ 9: ____ 10: ____ 11: ____ 12: ____

Chain of custody:

9) YES Was a chain of custody received?

10) YES Were the custody papers complete/signed in the appropriate places?

Sample Labels:

11) YES Were all sample labels complete (sample ID, date/time of sampling, etc.)?

12) YES Did all container labels agree with custody papers?

Sample Containers:

13) YES Were all containers sealed in separate bags?

14) YES Did all containers arrive in good condition:(unbroken, no leakage, no cracked/broken lids)?

15) YES Were correct containers and preservatives used for the tests indicated?

16) YES Was a sufficient amount of sample sent for tests indicated?

17) Yes Were bubbles present in volatile samples?
If yes, the following were received with air bubbles:
Larger than a pea: ____
Smaller than a pea: BA42512w04,BA42514w03-04,BA42516w04

Preservation Hold time:

18) Yes Was a sufficient amount of holding time remaining to analyze the samples?

19) Yes Was the pH taken of all non-VOA preserved samples and written on the sample container?

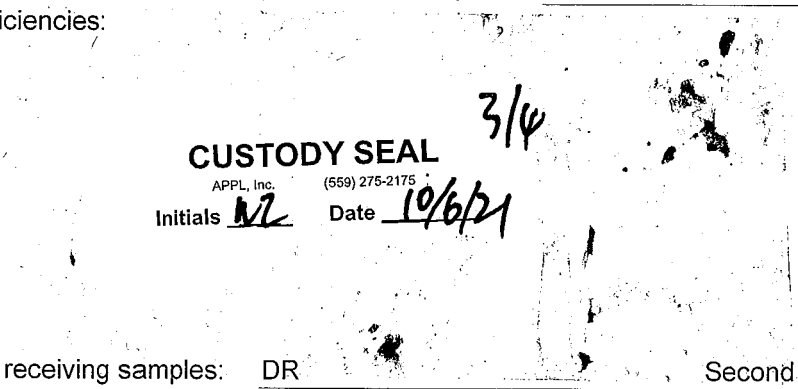
20) Yes Was the pH of acid preserved non-VOA samples < 2?

21) NA Was the pH of the "basic" preserved samples for Cyanide > 12, Sulfide >9, Hexchrom >9?

22) NO Were unpreserved VOA Vials received for VOA Dept analysis?

23) NA If "yes", are the unpreserved VOA vials noted in the ADD TEST FIELD on the ARF?
pH strip lot number: HC0259115
Lab notified if pH was not adequate: ____

Notes/Deficiencies:



Personnel receiving samples: DR Second reviewer: ____
Personnel labeling samples: MS
Project manager notified: MS Date/Time of notification 10/7/2021
Name of client notified: ____ Date/Time of notification ____

SAMPLE RESULTS

EPA 8015B TPH WATER L-L SGC

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1783

APPL ID: BA42512

Sample Collection Date: 10/06/21

QCG: #DOC53-211011A1-270804

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8015B-e	DIESEL (C10-C24)	300.0 U	320	300.0	150.0	ug/L	10/11/21	10/15/21
EPA 8015B-e	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	10/11/21	10/15/21
EPA 8015B-e	SURROGATE: (R) DECANOIC ACID (S)	0.0	0-1			%	10/11/21	10/15/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	105	60-142			%	10/11/21	10/15/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	85.1	56-125			%	10/11/21	10/15/21

Quant Method:	DEC0911.M
Run #:	1015013
Instrument:	Apollo
Sequence:	211015
Dilution Factor:	1
Initials:	KAB

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8015B TPH LIQ-LIQ

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1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1783

APPL ID: BA42512

Sample Collection Date: 10/06/21

QCG: #DOC53-211011A-270800

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8015B-e	DIESEL (C10-C24)	560	320	300.0	150.0	ug/L	10/11/21	10/16/21
EPA 8015B-e	OIL (C24-C40)	210 J	320	300.0	150.0	ug/L	10/11/21	10/16/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	104	60-142			%	10/11/21	10/16/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	85.0	56-125			%	10/11/21	10/16/21

J = Estimated value.

Quant Method:	DOC0831.M
Run #:	1015056
Instrument:	Apollo
Sequence:	211015
Dilution Factor:	1
Initials:	KAB

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8015B TPH WATER L-L SGC

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1786

APPL ID: BA42514

Sample Collection Date: 10/06/21

QCG: #DOC53-211011A1-270804

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8015B-e	DIESEL (C10-C24)	480	320	300.0	150.0	ug/L	10/11/21	10/15/21
EPA 8015B-e	OIL (C24-C40)	160 J	320	300.0	150.0	ug/L	10/11/21	10/15/21
EPA 8015B-e	SURROGATE: (R) DECANOIC ACID (S)	0.0	0-1			%	10/11/21	10/15/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	108	60-142			%	10/11/21	10/15/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	88.4	56-125			%	10/11/21	10/15/21

J = Estimated value.

Quant Method:	DEC0911.M
Run #:	1015014
Instrument:	Apollo
Sequence:	211015
Dilution Factor:	1
Initials:	KAB

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8015B TPH LIQ-LIQ

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1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1786

APPL ID: BA42514

Sample Collection Date: 10/06/21

QCG: #DOC53-211011A-270800

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8015B-e	DIESEL (C10-C24)	3000	320	300.0	150.0	ug/L	10/11/21	10/16/21
EPA 8015B-e	OIL (C24-C40)	290 J	320	300.0	150.0	ug/L	10/11/21	10/16/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	102	60-142			%	10/11/21	10/16/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	90.2	56-125			%	10/11/21	10/16/21

J = Estimated value.

Quant Method:	DOC0831.M
Run #:	1015058
Instrument:	Apollo
Sequence:	211015
Dilution Factor:	1
Initials:	KAB

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8015B TPH WATER L-L SGC

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1789

APPL ID: BA42516

Sample Collection Date: 10/06/21

QCG: #DOC53-211011A1-270804

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8015B-e	DIESEL (C10-C24)	300.0 U	320	300.0	150.0	ug/L	10/11/21	10/15/21
EPA 8015B-e	OIL (C24-C40)	150 J	320	300.0	150.0	ug/L	10/11/21	10/15/21
EPA 8015B-e	SURROGATE: (R) DECANOIC ACID (S)	0.0	0-1			%	10/11/21	10/15/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	111	60-142			%	10/11/21	10/15/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	91.9	56-125			%	10/11/21	10/15/21

J = Estimated value.

Quant Method:	DEC0911.M
Run #:	1015015
Instrument:	Apollo
Sequence:	211015
Dilution Factor:	1
Initials:	KAB

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8015B TPH LIQ-LIQ

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1789

APPL ID: BA42516

Sample Collection Date: 10/06/21

QCG: #DOC53-211011A-270800

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8015B-e	DIESEL (C10-C24)	350	320	300.0	150.0	ug/L	10/11/21	10/16/21
EPA 8015B-e	OIL (C24-C40)	410	320	300.0	150.0	ug/L	10/11/21	10/16/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	105	60-142			%	10/11/21	10/16/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	86.9	56-125			%	10/11/21	10/16/21

Quant Method:	DOC0831.M
Run #:	1015059
Instrument:	Apollo
Sequence:	211015
Dilution Factor:	1
Initials:	KAB

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8015B TPH WATER L-L SGC

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Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1792

APPL ID: BA42518

Sample Collection Date: 10/06/21

QCG: #DOC53-211011A1-270804

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8015B-e	DIESEL (C10-C24)	1400	320	300.0	150.0	ug/L	10/11/21	10/15/21
EPA 8015B-e	OIL (C24-C40)	280 J	320	300.0	150.0	ug/L	10/11/21	10/15/21
EPA 8015B-e	SURROGATE: (R) DECANOIC ACID (S)	0.0	0-1			%	10/11/21	10/15/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	109	60-142			%	10/11/21	10/15/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	99.9	56-125			%	10/11/21	10/15/21

J = Estimated value.

Quant Method:	DEC0911.M
Run #:	1015016
Instrument:	Apollo
Sequence:	211015
Dilution Factor:	1
Initials:	KAB

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8015B TPH LIQ-LIQ

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APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1792

APPL ID: BA42518

Sample Collection Date: 10/06/21

QCG: #DOC53-211011A-270800

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8015B-e	DIESEL (C10-C24)	300.0 U	320	300.0	150.0	ug/L	10/11/21	10/16/21
EPA 8015B-e	OIL (C24-C40)	220 J	320	300.0	150.0	ug/L	10/11/21	10/16/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	103	60-142			%	10/11/21	10/16/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	83.6	56-125			%	10/11/21	10/16/21

J = Estimated value.

Quant Method:	DOC0831.M
Run #:	1015060
Instrument:	Apollo
Sequence:	211015
Dilution Factor:	1
Initials:	KAB

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8015B TPH LIQ-LIQ

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APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1783 BLANK

APPL ID: BA42519

Sample Collection Date: 10/06/21

QCG: #RHBLK-211008A-270116

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8015B-e	DIESEL (C10-C24)	300.0 U	320	300.0	150.0	ug/L	10/08/21	11/03/21
EPA 8015B-e	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	10/08/21	11/03/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	91.0	60-142			%	10/08/21	11/03/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	73.9	56-125			%	10/08/21	11/03/21

Quant Method:	DOC1028.M
Run #:	1101080
Instrument:	Apollo
Sequence:	211101
Dilution Factor:	1
Initials:	KAB

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8015B TPH LIQ-LIQ

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APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1786 BLANK

APPL ID: BA42520

Sample Collection Date: 10/06/21

QCG: #RHBLK-211008A-270116

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8015B-e	DIESEL (C10-C24)	300.0 U	320	300.0	150.0	ug/L	10/08/21	11/03/21
EPA 8015B-e	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	10/08/21	11/03/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	87.2	60-142			%	10/08/21	11/03/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	71.3	56-125			%	10/08/21	11/03/21

Quant Method:	DOC1028.M
Run #:	1101081
Instrument:	Apollo
Sequence:	211101
Dilution Factor:	1
Initials:	KAB

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8015B TPH LIQ-LIQ

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APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1789 BLANK

APPL ID: BA42521

Sample Collection Date: 10/06/21

QCG: #RHBLK-211008A-270116

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8015B-e	DIESEL (C10-C24)	300.0 U	320	300.0	150.0	ug/L	10/08/21	11/03/21
EPA 8015B-e	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	10/08/21	11/03/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	91.7	60-142			%	10/08/21	11/03/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	74.2	56-125			%	10/08/21	11/03/21

Quant Method:	DOC1028.M
Run #:	1101082
Instrument:	Apollo
Sequence:	211101
Dilution Factor:	1
Initials:	KAB

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8015B TPH LIQ-LIQ

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1001 Bishop Street, Suite 1600
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APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1792 BLANK

APPL ID: BA42522

Sample Collection Date: 10/06/21

QCG: #RHBLK-211008A-270116

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8015B-e	DIESEL (C10-C24)	300.0 U	320	300.0	150.0	ug/L	10/08/21	11/03/21
EPA 8015B-e	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	10/08/21	11/03/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	91.4	60-142			%	10/08/21	11/03/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	73.9	56-125			%	10/08/21	11/03/21

Quant Method:	DOC1028.M
Run #:	1101083
Instrument:	Apollo
Sequence:	211101
Dilution Factor:	1
Initials:	KAB

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8270D SIM LIQ-LIQ

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1783

APPL ID: BA42512

Sample Collection Date: 10/06/21

QCG: #SIM53-211012AK-269626

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
8270D-SIM	1-METHYLNAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	10/12/21	10/27/21
8270D-SIM	2-METHYLNAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	10/12/21	10/27/21
8270D-SIM	NAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	10/12/21	10/27/21
8270D-SIM	SURROGATE: 2-METHYLNAPHTHALEN	78.2	39-114			%	10/12/21	10/27/21
8270D-SIM	SURROGATE: FLUORANTHENE-D10 (S	44.0 #	58-120			%	10/12/21	10/27/21

= Recovery (or RPD) is outside QC limits.

Quant Method:	K1019.M
Run #:	1019K136
Instrument:	KYLO
Sequence:	211019
Dilution Factor:	1
Initials:	LSI

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8270D SIM LIQ-LIQ

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1001 Bishop Street, Suite 1600
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APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1786

APPL ID: BA42514

Sample Collection Date: 10/06/21

QCG: #SIM53-211012AK-269626

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
8270D-SIM	1-METHYLNAPHTHALENE	25	0.2	0.10	0.04	ug/L	10/12/21	10/27/21
8270D-SIM	2-METHYLNAPHTHALENE	26	0.2	0.10	0.04	ug/L	10/12/21	10/27/21
8270D-SIM	NAPHTHALENE	51	0.2	0.10	0.04	ug/L	10/12/21	10/27/21
8270D-SIM	SURROGATE: 2-METHYLNAPHTHALEN	77.5	39-114			%	10/12/21	10/27/21
8270D-SIM	SURROGATE: FLUORANTHENE-D10 (S	52.5 #	58-120			%	10/12/21	10/27/21

= Recovery (or RPD) is outside QC limits.

Quant Method:	K1019.M
Run #:	1019K137
Instrument:	KYLO
Sequence:	211019
Dilution Factor:	1
Initials:	LSI

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8270D SIM LIQ-LIQ

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APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1789

APPL ID: BA42516

Sample Collection Date: 10/06/21

QCG: #SIM53-211012AK-269626

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
8270D-SIM	1-METHYLNAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	10/12/21	10/27/21
8270D-SIM	2-METHYLNAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	10/12/21	10/27/21
8270D-SIM	NAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	10/12/21	10/27/21
8270D-SIM	SURROGATE: 2-METHYLNAPHTHALEN	82.1	39-114			%	10/12/21	10/27/21
8270D-SIM	SURROGATE: FLUORANTHENE-D10 (S	59.0	58-120			%	10/12/21	10/27/21

Quant Method:	K1019.M
Run #:	1019K138
Instrument:	KYLO
Sequence:	211019
Dilution Factor:	1
Initials:	LSI

Printed: 11/4/2021 10:11:07 AM

APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8270D SIM LIQ-LIQ

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1792

APPL ID: BA42518

Sample Collection Date: 10/06/21

QCG: #SIM53-211012AK-269626

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
8270D-SIM	1-METHYLNAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	10/12/21	10/27/21
8270D-SIM	2-METHYLNAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	10/12/21	10/27/21
8270D-SIM	NAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	10/12/21	10/27/21
8270D-SIM	SURROGATE: 2-METHYLNAPHTHALEN	73.6	39-114			%	10/12/21	10/27/21
8270D-SIM	SURROGATE: FLUORANTHENE-D10 (S	56.2 #	58-120			%	10/12/21	10/27/21

= Recovery (or RPD) is outside QC limits.

Quant Method:	K1019.M
Run #:	1019K139
Instrument:	KYLO
Sequence:	211019
Dilution Factor:	1
Initials:	LSI

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8260B BTEX WATER

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1782

APPL ID: BA42511

Sample Collection Date: 10/06/21

QCG: #86BTO-211016AM-270868

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8260B	BENZENE	0.30 U	1.0	0.30	0.15	ug/L	10/16/21	10/16/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	10/16/21	10/16/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	10/16/21	10/16/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	10/16/21	10/16/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	97.4	81-118			%	10/16/21	10/16/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	95.0	85-114			%	10/16/21	10/16/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	99.7	80-119			%	10/16/21	10/16/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	95.8	89-112			%	10/16/21	10/16/21

Quant Method:	M1015W.M
Run #:	1016M23
Instrument:	Max
Sequence:	211015
Dilution Factor:	1
Initials:	DA

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8260B BTEX WATER

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1783

APPL ID: BA42512

Sample Collection Date: 10/06/21

QCG: #86BTO-211016AM-270868

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8260B	BENZENE	0.30 U	1.0	0.30	0.15	ug/L	10/17/21	10/17/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	10/17/21	10/17/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	10/17/21	10/17/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	10/17/21	10/17/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	101	81-118			%	10/17/21	10/17/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	101	85-114			%	10/17/21	10/17/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	100	80-119			%	10/17/21	10/17/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	100	89-112			%	10/17/21	10/17/21

Quant Method:	M1015W.M
Run #:	1016M24
Instrument:	Max
Sequence:	211015
Dilution Factor:	1
Initials:	DA

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8260B BTEX WATER

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1785

APPL ID: BA42513

Sample Collection Date: 10/06/21

QCG: #86BTO-211020AM-270876

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8260B	BENZENE	0.30 U	1.0	0.30	0.15	ug/L	10/20/21	10/20/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	10/20/21	10/20/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	10/20/21	10/20/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	10/20/21	10/20/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	102	81-118			%	10/20/21	10/20/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	101	85-114			%	10/20/21	10/20/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	103	80-119			%	10/20/21	10/20/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	99.1	89-112			%	10/20/21	10/20/21

Quant Method:	M1015W.M
Run #:	1020M15
Instrument:	Max
Sequence:	211015
Dilution Factor:	1
Initials:	DA

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8260B BTEX WATER

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APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1786

APPL ID: BA42514

Sample Collection Date: 10/06/21

QCG: #86BTO-211018AM2-27086

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8260B	BENZENE	0.30 U	1.0	0.30	0.15	ug/L	10/18/21	10/18/21
EPA 8260B	ETHYLBENZENE	0.23 J	1.0	0.50	0.23	ug/L	10/18/21	10/18/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	10/18/21	10/18/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	10/18/21	10/18/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	96.9	81-118			%	10/18/21	10/18/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	105	85-114			%	10/18/21	10/18/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	98.9	80-119			%	10/18/21	10/18/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	97.8	89-112			%	10/18/21	10/18/21

J = Estimated value.

Quant Method:	MGAS0825.M
Run #:	1018M09
Instrument:	Max
Sequence:	211015
Dilution Factor:	1
Initials:	DA

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8260B BTEX WATER

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APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1788

APPL ID: BA42515

Sample Collection Date: 10/06/21

QCG: #86BTO-211018AM2-27086

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8260B	BENZENE	0.30 U	1.0	0.30	0.15	ug/L	10/18/21	10/18/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	10/18/21	10/18/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	10/18/21	10/18/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	10/18/21	10/18/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	96.3	81-118			%	10/18/21	10/18/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	102	85-114			%	10/18/21	10/18/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	101	80-119			%	10/18/21	10/18/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	101	89-112			%	10/18/21	10/18/21

Quant Method:	M1015W.M
Run #:	1018M10
Instrument:	Max
Sequence:	211015
Dilution Factor:	1
Initials:	DA

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8260B BTEX WATER

AECOM
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Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1789

APPL ID: BA42516

Sample Collection Date: 10/06/21

QCG: #86BTO-211018AM2-27086

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8260B	BENZENE	0.30 U	1.0	0.30	0.15	ug/L	10/18/21	10/18/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	10/18/21	10/18/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	10/18/21	10/18/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	10/18/21	10/18/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	97.9	81-118			%	10/18/21	10/18/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	101	85-114			%	10/18/21	10/18/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	96.4	80-119			%	10/18/21	10/18/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	101	89-112			%	10/18/21	10/18/21

Quant Method:	M1015W.M
Run #:	1018M11
Instrument:	Max
Sequence:	211015
Dilution Factor:	1
Initials:	DA

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8260B BTEX WATER

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APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1791

APPL ID: BA42517

Sample Collection Date: 10/06/21

QCG: #86BTO-211018AM2-27086

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8260B	BENZENE	0.30 U	1.0	0.30	0.15	ug/L	10/18/21	10/18/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	10/18/21	10/18/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	10/18/21	10/18/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	10/18/21	10/18/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	95.7	81-118			%	10/18/21	10/18/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	99.1	85-114			%	10/18/21	10/18/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	102	80-119			%	10/18/21	10/18/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	99.5	89-112			%	10/18/21	10/18/21

Quant Method:	M1015W.M
Run #:	1018M12
Instrument:	Max
Sequence:	211015
Dilution Factor:	1
Initials:	DA

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8260B BTEX WATER

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APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1792

APPL ID: BA42518

Sample Collection Date: 10/06/21

QCG: #86BTO-211018AM2-27086

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8260B	BENZENE	0.30 U	1.0	0.30	0.15	ug/L	10/18/21	10/18/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	10/18/21	10/18/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	10/18/21	10/18/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	10/18/21	10/18/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	99.8	81-118			%	10/18/21	10/18/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	103	85-114			%	10/18/21	10/18/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	101	80-119			%	10/18/21	10/18/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	100.0	89-112			%	10/18/21	10/18/21

Quant Method:	M1015W.M
Run #:	1018M13
Instrument:	Max
Sequence:	211015
Dilution Factor:	1
Initials:	DA

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8260B GRO WATER

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1782

APPL ID: BA42511

Sample Collection Date: 10/06/21

QCG: #GRO86-211016AM-270921

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8260B	GASOLINE RANGE ORGANICS	18.0 U	20	18.0	8.6	ug/L	10/16/21	10/16/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	96.4	85-114			%	10/16/21	10/16/21

Quant Method:	M0825SUR.M
Run #:	1016M23
Instrument:	Max
Sequence:	211015
Dilution Factor:	1
Initials:	DA

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8260B GRO WATER

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1783

APPL ID: BA42512

Sample Collection Date: 10/06/21

QCG: #GRO86-211016AM-270921

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8260B	GASOLINE RANGE ORGANICS	29	20	18.0	8.6	ug/L	10/17/21	10/17/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	103	85-114			%	10/17/21	10/17/21

Quant Method:	M0825SUR.M
Run #:	1016M24
Instrument:	Max
Sequence:	211015
Dilution Factor:	1
Initials:	DA

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8260B GRO WATER

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1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1785

APPL ID: BA42513

Sample Collection Date: 10/06/21

QCG: #GRO86-211020AM1-27092

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8260B	GASOLINE RANGE ORGANICS	18.0 U	20	18.0	8.6	ug/L	10/20/21	10/20/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	103	85-114			%	10/20/21	10/20/21

Quant Method:	M0825SUR.M
Run #:	1020M15
Instrument:	Max
Sequence:	211015
Dilution Factor:	1
Initials:	DA

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8260B GRO WATER

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APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1786

APPL ID: BA42514

Sample Collection Date: 10/06/21

QCG: #GRO86-211018AM2-27092

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8260B	GASOLINE RANGE ORGANICS	77	20	18.0	8.6	ug/L	10/18/21	10/18/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	107	85-114			%	10/18/21	10/18/21

Quant Method:	M0825SUR.M
Run #:	1018M09
Instrument:	Max
Sequence:	211015
Dilution Factor:	1
Initials:	DA

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8260B GRO WATER

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Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1788

APPL ID: BA42515

Sample Collection Date: 10/06/21

QCG: #GRO86-211018AM2-27092

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8260B	GASOLINE RANGE ORGANICS	18.0 U	20	18.0	8.6	ug/L	10/18/21	10/18/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	104	85-114			%	10/18/21	10/18/21

Quant Method:	M0825SUR.M
Run #:	1018M10
Instrument:	Max
Sequence:	211015
Dilution Factor:	1
Initials:	DA

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8260B GRO WATER

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APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1789

APPL ID: BA42516

Sample Collection Date: 10/06/21

QCG: #GRO86-211018AM2-27092

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8260B	GASOLINE RANGE ORGANICS	18.0 U	20	18.0	8.6	ug/L	10/18/21	10/18/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	102	85-114			%	10/18/21	10/18/21

Quant Method:	M0825SUR.M
Run #:	1018M11
Instrument:	Max
Sequence:	211015
Dilution Factor:	1
Initials:	DA

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8260B GRO WATER

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APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1791

APPL ID: BA42517

Sample Collection Date: 10/06/21

QCG: #GRO86-211018AM2-27092

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8260B	GASOLINE RANGE ORGANICS	18.0 U	20	18.0	8.6	ug/L	10/18/21	10/18/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	101	85-114			%	10/18/21	10/18/21

Quant Method:	M0825SUR.M
Run #:	1018M12
Instrument:	Max
Sequence:	211015
Dilution Factor:	1
Initials:	DA

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APPL-F1-SC-NoMC-REG MDLs-DOD

EPA 8260B GRO WATER

AECOM
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APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97781

Sample ID: ERH1792

APPL ID: BA42518

Sample Collection Date: 10/06/21

QCG: #GRO86-211018AM2-27092

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8260B	GASOLINE RANGE ORGANICS	18.0 U	20	18.0	8.6	ug/L	10/18/21	10/18/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	105	85-114			%	10/18/21	10/18/21

Quant Method:	M0825SUR.M
Run #:	1018M13
Instrument:	Max
Sequence:	211015
Dilution Factor:	1
Initials:	DA

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APPL-F1-SC-NoMC-REG MDLs-DOD

Wet Lab Analysis

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

Sample ID: ERH1783

APPL ID: BA42512

Sample Collection Date: 10/6/2021

ARF: 97781

Method	Analyte	Result	LOQ	LOD	DL	Units	DF	Prep Date	Analysis Date
SW846 9060A	TOTAL ORGANIC CARBON	4.0	0.93	0.350	0.130	mg/L	1	10/13/21	10/13/21

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APPL-F1-SC-NoMC-REG MDLs

Wet Lab Analysis

AECOM
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APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

Sample ID: ERH1786

APPL ID: BA42514

Sample Collection Date: 10/6/2021

ARF: 97781

Method	Analyte	Result	LOQ	LOD	DL	Units	DF	Prep Date	Analysis Date
SW846 9060A	TOTAL ORGANIC CARBON	5.5	0.93	0.350	0.130	mg/L	1	10/13/21	10/13/21

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APPL-F1-SC-NoMC-REG MDLs

Wet Lab Analysis

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

Sample ID: ERH1789

APPL ID: BA42516

Sample Collection Date: 10/6/2021

ARF: 97781

Method	Analyte	Result	LOQ	LOD	DL	Units	DF	Prep Date	Analysis Date
SW846 9060A	TOTAL ORGANIC CARBON	7.4	0.93	0.350	0.130	mg/L	1	10/13/21	10/13/21

Printed: 10/14/2021 11:18:32 AM

APPL-F1-SC-NoMC-REG MDLs

Wet Lab Analysis

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

Sample ID: ERH1792

APPL ID: BA42518

Sample Collection Date: 10/6/2021

ARF: 97781

Method	Analyte	Result	LOQ	LOD	DL	Units	DF	Prep Date	Analysis Date
SW846 9060A	TOTAL ORGANIC CARBON	1.1	0.93	0.350	0.130	mg/L	1	10/13/21	10/13/21

Printed: 10/14/2021 11:18:32 AM

APPL-F1-SC-NoMC-REG MDLs

QC FORMS

EPA 8015B-eHL

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/16/2021

Matrix: WATER Instrument: Apollo

APPL ID.	Client Sample No.	SURROGATE: OCTACOSANE (S)			SURROGATE: ORTHO-TERPHENYL (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211011A-BLK	Blank	60-142	99.5		56-125	84.0	
211011A-LCS	Lab Control Spike	60-142	107		56-125	102	
211011A-LCSD	Lab Control SpikeD	60-142	102		56-125	100	
BA42512	ERH1783	60-142	104		56-125	85.0	
BA42514	ERH1786	60-142	102		56-125	90.2	
BA42516	ERH1789	60-142	105		56-125	86.9	
BA42518	ERH1792	60-142	103		56-125	83.6	

Comments: Batch: #DOC53-211011A

EPA 8015B-eHL

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/15/2021

Matrix: WATER Instrument: Apollo

APPL ID.	Client Sample No.	SURROGATE: (R) DECANOIC ACID (S)			SURROGATE: OCTACOSANE (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211011A1-BLK	Blank	0-1	0.0		60-142	97.5	
211011A1-LCS	Lab Control Spike	0-1	0.0		60-142	108	
211011A1-LCSD	Lab Control SpikeD	0-1	0.0		60-142	112	
BA42512	ERH1783	0-1	0.0		60-142	105	
BA42514	ERH1786	0-1	0.0		60-142	108	
BA42516	ERH1789	0-1	0.0		60-142	111	
BA42518	ERH1792	0-1	0.0		60-142	109	

Comments: Batch: #DOC53-211011A1

EPA 8015B-eHL

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/15/2021

Matrix: WATER Instrument: Apollo

APPL ID.	Client Sample No.	SURROGATE: ORTHO-TERPHENYL (S)					
		Limits	Result	Qualifier	Limits	Result	Qualifier
211011A1-BLK	Blank	56-125	79.7				
211011A1-LCS	Lab Control Spike	56-125	103				
211011A1-LCSD	Lab Control SpikeD	56-125	107				
BA42512	ERH1783	56-125	85.1				
BA42514	ERH1786	56-125	88.4				
BA42516	ERH1789	56-125	91.9				
BA42518	ERH1792	56-125	99.9				

Comments: Batch: #DOC53-211011A1

EPA 8015B-eHL

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 11/3/2021

Matrix: WATER Instrument: Apollo

APPL ID.	Client Sample No.	SURROGATE: OCTACOSANE (S)			SURROGATE: ORTHO-TERPHENYL (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211008A-BLK	Blank	60-142	76.4		56-125	62.4	
211008A-LCS	Lab Control Spike	60-142	85.3		56-125	70.0	
211008A-LCSD	Lab Control SpikeD	60-142	90.0		56-125	73.3	
BA42519	ERH1783 BLANK	60-142	91.0		56-125	73.9	
BA42520	ERH1786 BLANK	60-142	87.2		56-125	71.3	
BA42521	ERH1789 BLANK	60-142	91.7		56-125	74.2	
BA42522	ERH1792 BLANK	60-142	91.4		56-125	73.9	

Comments: Batch: #RHBLK-211008A

EPA 8015B-eH

Form 4

Blank Summary

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/16/2021

Matrix: WATER Instrument: Apollo

Blank ID: 211011A-BLK Time Analyzed: 1238

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211011A-BLK	Blank	1015048	10/16/2021 1238
211011A-LCS	Lab Control Spike	1015049	10/16/2021 1307
211011A-LCSD	Lab Control SpikeD	1015050	10/16/2021 1335
BA42512	ERH1783	1015056	10/16/2021 1625
BA42514	ERH1786	1015058	10/16/2021 1721
BA42516	ERH1789	1015059	10/16/2021 1750
BA42518	ERH1792	1015060	10/16/2021 1818

Comments: Batch: #DOC53-211011A

EPA 8015B-eH

Form 4

Blank Summary

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/15/2021

Matrix: WATER Instrument: Apollo

Blank ID: 211011A1-BLK Time Analyzed: 1629

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211011A1-BLK	Blank	1015005	10/15/2021 1629
211011A1-LCS	Lab Control Spike	1015006	10/15/2021 1657
211011A1-LCSD	Lab Control SpikeD	1015007	10/15/2021 1725
BA42512	ERH1783	1015013	10/15/2021 2015
BA42514	ERH1786	1015014	10/15/2021 2043
BA42516	ERH1789	1015015	10/15/2021 2111
BA42518	ERH1792	1015016	10/15/2021 2140

Comments: Batch: #DOC53-211011A1

EPA 8015B-eH

Form 4

Blank Summary

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 11/3/2021

Matrix: WATER Instrument: Apollo

Blank ID: 211008A-BLK Time Analyzed: 0105

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211008A-BLK	Blank	1101069	11/3/2021 0105
211008A-LCS	Lab Control Spike	1101070	11/3/2021 0134
211008A-LCSD	Lab Control SpikeD	1101071	11/3/2021 0202
BA42519	ERH1783 BLANK	1101080	11/3/2021 0614
BA42520	ERH1786 BLANK	1101081	11/3/2021 0642
BA42521	ERH1789 BLANK	1101082	11/3/2021 0710
BA42522	ERH1792 BLANK	1101083	11/3/2021 0738

Comments: Batch: #RHBLK-211008A

Method Blank
EPA 8015B TPH LIQ-LIQ

Blank Name/QCG: **211008W-40222 - 270116**
Batch ID: #RHBLK-211008A

APPL Inc.
908 North Temperance Avenu
Clovis, CA 93611

Sample Type	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
BLANK	DIESEL (C10-C24)	300.0 U	320	300.0	150.0	ug/L	10/8/2021	11/3/2021
BLANK	OIL (C24-C40)	180 J	320	300.0	150.0	ug/L	10/8/2021	11/3/2021
BLANK	SURROGATE: OCTACOSANE (S)	76.4	60-142			%	10/8/2021	11/3/2021
BLANK	SURROGATE: ORTHO-TERPHEN	62.4	56-125			%	10/8/2021	11/3/2021

J = Estimated value.

Quant Method: DOC1028.M
Run #: 1101069
Instrument: Apollo
Sequence: 211101
Initials: KAB

GC SC-Blank-REG MDLs-DOD
Printed: 11/30/2021 11:28:40 AM

Method Blank
EPA 8015B TPH LIQ-LIQ

Blank Name/QCG: **211011W-38390 - 270800**
Batch ID: #DOC53-211011A

APPL Inc.
908 North Temperance Avenu
Clovis, CA 93611

Sample Type	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
BLANK	DIESEL (C10-C24)	300.0 U	320	300.0	150.0	ug/L	10/11/2021	10/16/2021
BLANK	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	10/11/2021	10/16/2021
BLANK	SURROGATE: OCTACOSANE (S)	99.5	60-142			%	10/11/2021	10/16/2021
BLANK	SURROGATE: ORTHO-TERPHEN	84.0	56-125			%	10/11/2021	10/16/2021

Quant Method: DOC0831.M
Run #: 1015048
Instrument: Apollo
Sequence: 211015
Initials: KAB

GC SC-Blank-REG MDLs-DOD
Printed: 11/22/2021 12:06:40 PM

Method Blank
EPA 8015B TPH WATER L-L SGC

Blank Name/QCG: **211011W-38390 - 270804**
Batch ID: #DOC53-211011A1

APPL Inc.
908 North Temperance Avenu
Clovis, CA 93611

Sample Type	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
BLANK	DIESEL (C10-C24)	300.0 U	320	300.0	150.0	ug/L	10/11/2021	10/15/2021
BLANK	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	10/11/2021	10/15/2021
BLANK	SURROGATE: (R) DECANOIC AC	0.0	0-1			%	10/11/2021	10/15/2021
BLANK	SURROGATE: OCTACOSANE (S)	97.5	60-142			%	10/11/2021	10/15/2021
BLANK	SURROGATE: ORTHO-TERPHEN	79.7	56-125			%	10/11/2021	10/15/2021

Quant Method: DEC0911.M
Run #: 1015005
Instrument: Apollo
Sequence: 211015
Initials: KAB

GC SC-Blank-REG MDLs-DOD
Printed: 11/22/2021 12:06:40 PM

EPA 8015B-eH

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	97781
Case No:	97781	Date Analyzed:	10/16/2021
Matrix:	WATER	Instrument:	Apollo
LCS ID:	211011A-LCS	Time Analyzed:	1307

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211011A-BLK	Blank	1015048	10/16/2021 1238
211011A-LCS	Lab Control Spike	1015049	10/16/2021 1307
211011A-LCSD	Lab Control SpikeD	1015050	10/16/2021 1335
BA42512	ERH1783	1015056	10/16/2021 1625
BA42514	ERH1786	1015058	10/16/2021 1721
BA42516	ERH1789	1015059	10/16/2021 1750
BA42518	ERH1792	1015060	10/16/2021 1818

Comments: Batch: #DOC53-211011A

EPA 8015B-eH

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	97781
Case No:	97781	Date Analyzed:	10/15/2021
Matrix:	WATER	Instrument:	Apollo
LCS ID:	211011A1-LCS	Time Analyzed:	1657

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211011A1-BLK	Blank	1015005	10/15/2021 1629
211011A1-LCS	Lab Control Spike	1015006	10/15/2021 1657
211011A1-LCSD	Lab Control SpikeD	1015007	10/15/2021 1725
BA42512	ERH1783	1015013	10/15/2021 2015
BA42514	ERH1786	1015014	10/15/2021 2043
BA42516	ERH1789	1015015	10/15/2021 2111
BA42518	ERH1792	1015016	10/15/2021 2140

Comments: Batch: #DOC53-211011A1

EPA 8015B-eH

Form 4

LCS Summary

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 11/3/2021

Matrix: WATER Instrument: Apollo

LCS ID: 211008A-LCS Time Analyzed: 0134

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211008A-BLK	Blank	1101069	11/3/2021 0105
211008A-LCS	Lab Control Spike	1101070	11/3/2021 0134
211008A-LCSD	Lab Control SpikeD	1101071	11/3/2021 0202
BA42519	ERH1783 BLANK	1101080	11/3/2021 0614
BA42520	ERH1786 BLANK	1101081	11/3/2021 0642
BA42521	ERH1789 BLANK	1101082	11/3/2021 0710
BA42522	ERH1792 BLANK	1101083	11/3/2021 0738

Comments: Batch: #RHBLK-211008A

Laboratory Control Spike Recoveries
EPA 8015B TPH LIQ-LIQ

APPL ID: **211011W-38390 LCS - 270800**
Batch ID: #DOC53-211011A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
DIESEL (C10-C24)	2000	2420	2410	121	121	36-132	0.41	30
OIL (C24-C40)	2000	2520	2430	126 #	122 #	41-113	3.6	30
SURROGATE: OCTACOSANE (S)	150	161	153	107	102	60-142		
SURROGATE: ORTHO-TERPHENYL (S)	150	153	150	102	100	56-125		

= Recovery is outside QC limits.

Comments:

Primary	SPK	DUP
Quant Method :	DOC0831.M	DOC0831.M
Extraction Date :	10/11/2021	10/11/2021
Analysis Date :	10/16/2021	10/16/2021
Instrument :	Apollo	Apollo
Run :	1015049	1015050
Initials :	KAB	

Laboratory Control Spike Recoveries
EPA 8015B TPH WATER L-L SGC

APPL ID: **211011W-38390 LCS - 270804**
Batch ID: #DOC53-211011A1

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
DIESEL (C10-C24)	2000	2090	2160	105	108	36-132	3.3	30
OIL (C24-C40)	2000	2680	2700	134 #	135 #	41-113	0.74	30
SURROGATE: (R) DECANOIC ACID (S)	10.00	0	0	0.0	0.0	0-1		
SURROGATE: OCTACOSANE (S)	150	162	168	108	112	60-142		
SURROGATE: ORTHO-TERPHENYL (S)	150	154	160	103	107	56-125		

= Recovery is outside QC limits.

Comments:

Primary	SPK	DUP
Quant Method :	DEC0911.M	DEC0911.M
Extraction Date :	10/11/2021	10/11/2021
Analysis Date :	10/15/2021	10/15/2021
Instrument :	Apollo	Apollo
Run :	1015006	1015007
Initials :	KAB	

Laboratory Control Spike Recoveries
EPA 8015B TPH LIQ-LIQ

APPL ID: **211008W-40222 LCS - 270116**
Batch ID: #RHBLK-211008A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
DIESEL (C10-C24)	0	47.9	47.7	NA	NA	36-132		30
OIL (C24-C40)	0	170	155	NA	NA	41-113		30
SURROGATE: OCTACOSANE (S)	150	128	135	85.3	90.0	60-142		
SURROGATE: ORTHO-TERPHENYL (S)	150	105	110	70.0	73.3	56-125		

Comments:

Primary	SPK	DUP
Quant Method :	DOC1028.M	DOC1028.M
Extraction Date :	10/8/2021	10/8/2021
Analysis Date :	11/3/2021	11/3/2021
Instrument :	Apollo	Apollo
Run :	1101070	1101071
Initials :	KAB	

8270D-SIM

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/27/2021

Matrix: WATER Instrument: KYLO

APPL ID.	Client Sample No.	SURROGATE: 2-METHYLNAPHTHALENE-D10 (S)			SURROGATE: FLUORANTHENE-D10 (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211012AK-BLK	Blank	39-114	96.6		58-120	98.1	
211012AK-LCS	Lab Control Spike	39-114	82.0		58-120	75.2	
211012AK-LCSD	Lab Control SpikeD	39-114	77.0		58-120	72.8	
BA42512	ERH1783	39-114	78.2		58-120	44.0	#
BA42514	ERH1786	39-114	77.5		58-120	52.5	#
BA42516	ERH1789	39-114	82.1		58-120	59.0	
BA42518	ERH1792	39-114	73.6		58-120	56.2	#

Comments: Batch: #SIM53-211012AK

= Recovery outside of Control Limits on Sample.

8270D-SIM

Form 4

Blank Summary

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/27/2021

Matrix: WATER Instrument: KYLO

Blank ID: 211012AK-BLK Time Analyzed: 1019

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211012AK-BLK	Blank	1019K133	10/27/2021 1019
211012AK-LCS	Lab Control Spike	1019K134	10/27/2021 1039
211012AK-LCSD	Lab Control SpikeD	1019K135	10/27/2021 1059
BA42512	ERH1783	1019K136	10/27/2021 1119
BA42514	ERH1786	1019K137	10/27/2021 1139
BA42516	ERH1789	1019K138	10/27/2021 1159
BA42518	ERH1792	1019K139	10/27/2021 1219

Comments: Batch: #SIM53-211012AK

Method Blank
EPA 8270D SIM LIQ-LIQ

Blank Name/QCG: **211012W-42512 - 269626**
Batch ID: #SIM53-211012AK

APPL Inc.
908 North Temperance Avenu
Clovis, CA 93611

Sample Type	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
BLANK	1-METHYLNAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	10/12/2021	10/27/2021
BLANK	2-METHYLNAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	10/12/2021	10/27/2021
BLANK	NAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	10/12/2021	10/27/2021
BLANK	SURROGATE: 2-METHYLNAPHT	96.6	39-114			%	10/12/2021	10/27/2021
BLANK	SURROGATE: FLUORANTHENE-	98.1	58-120			%	10/12/2021	10/27/2021

Quant Method:K1019.M
Run #:1019K133
Instrument:KYLO
Sequence:211019
Initials:LSI

GC SC-Blank-REG MDLs-DOD
Printed: 11/4/2021 10:11:09 AM

8270D-SIM

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	97781
Case No:	97781	Date Analyzed:	10/27/2021
Matrix:	WATER	Instrument:	KYLO
LCS ID:	211012AK-LCS	Time Analyzed:	1039

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211012AK-BLK	Blank	1019K133	10/27/2021 1019
211012AK-LCS	Lab Control Spike	1019K134	10/27/2021 1039
211012AK-LCSD	Lab Control SpikeD	1019K135	10/27/2021 1059
BA42512	ERH1783	1019K136	10/27/2021 1119
BA42514	ERH1786	1019K137	10/27/2021 1139
BA42516	ERH1789	1019K138	10/27/2021 1159
BA42518	ERH1792	1019K139	10/27/2021 1219

Comments: Batch: #SIM53-211012AK

Laboratory Control Spike Recoveries
EPA 8270D SIM LIQ-LIQ

APPL ID: **211012W-42512 LCS - 269626**
Batch ID: #SIM53-211012AK

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
1-METHYLNAPHTHALENE	5.00	4.11	3.98	82.2	79.6	41-115	3.2	20
2-METHYLNAPHTHALENE	5.00	4.17	4.01	83.4	80.2	39-114	3.9	20
NAPHTHALENE	5.00	3.98	3.86	79.6	77.2	43-114	3.1	20
SURROGATE: 2-METHYLNAPHTHALEN	5.00	4.10	3.85	82.0	77.0	39-114		
SURROGATE: FLUORANTHENE-D10 (S)	5.00	3.76	3.64	75.2	72.8	58-120		

Comments:

Primary	SPK	DUP
Quant Method :	K1019.M	K1019.M
Extraction Date :	10/12/2021	10/12/2021
Analysis Date :	10/27/2021	10/27/2021
Instrument :	KYLO	KYLO
Run :	1019K134	1019K135
Initials :	LSI	

Form 5
Tune Summary

Lab Name: APPL Inc.
Case No:
Matrix: Water
ID: 1019K001.D

SDG No:
Date Analyzed: 10/19/2021
Instrument: KYLO
Time Analyzed: 13:58

	Client Sample No.	APPL ID.	File ID.	Date Analyzed
1		0.1 ug/ml 10/10/21	1019K002.D	10/19/2021 14:09
2		0.2 ug/ml 10/10/21	1019K003.D	10/19/2021 14:29
3		0.5 ug/ml 10/10/21	1019K004.D	10/19/2021 14:49
4		1 ug/ml 10/10/21	1019K005.D	10/19/2021 15:09
5		5 ug/ml 10/10/21	1019K006.D	10/19/2021 15:29
6		10 ug/ml 10/10/21	1019K007.D	10/19/2021 15:49
7		50 ug/ml 10/10/21	1019K008.D	10/19/2021 16:09
8		100 ug/ml 10/10/21	1019K009.D	10/19/2021 16:29
9		SS ug/ml 10/10/21	1019K010.D	10/19/2021 16:49
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				

m/e		
51	9.95 - 80.1% of mass 198	36.8
68	0 - 2.05% of mass 69	1.7
70	0 - 2% of mass 69	0.4
127	10 - 80% of mass 198	54.6
197	0 - 2% of mass 198	0.2
198	100 - 100% of mass 198	100.0
199	5 - 9% of mass 198	6.5
275	10 - 60% of mass 198	23.2
365	1 - 100% of mass 198	2.5
441	0.01 - 24% of mass 442	13.9
442	50 - 500% of mass 198	73.4
443	15 - 24% of mass 442	18.4

Form 5
Tune Summary

Lab Name: APPL Inc. SDG No: 97781
Case No: 97781 Date Analyzed: 10/27/2021
Matrix: Water Instrument: KYLO
ID: 1019K130.D Time Analyzed: 9:17

	Client Sample No.	APPL ID.	File ID.	Date Analyzed
1		5 ug/ml 10/19/21 (1)	1019K131.D	10/27/2021 9:29
2	Blank	211012A BLK 1/1000	1019K133.D	10/27/2021 10:19
3	Lab Control Spike	211012A LCS-1 1/1000	1019K134.D	10/27/2021 10:39
4	Lab Control SpikeD	211012A LCSD-1 1/100	1019K135.D	10/27/2021 10:59
5	ERH1783	BA42512W07 1/940	1019K136.D	10/27/2021 11:19
6	ERH1786	BA42514W07 1/940	1019K137.D	10/27/2021 11:39
7	ERH1789	BA42516W07 1/940	1019K138.D	10/27/2021 11:59
8	ERH1792	BA42518W07 1/950	1019K139.D	10/27/2021 12:19
9		5 ug/ml 10/10/21 (2)	1019K163.D	10/27/2021 20:18
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				

m/e		
51	9.95 - 80.1% of mass 198	35.6
68	0 - 2.05% of mass 69	1.9
70	0 - 2% of mass 69	0.5
127	10 - 80% of mass 198	55.6
197	0 - 2% of mass 198	0.0
198	100 - 100% of mass 198	100.0
199	5 - 9% of mass 198	6.6
275	10 - 60% of mass 198	22.4
365	1 - 100% of mass 198	2.2
441	0.01 - 24% of mass 442	13.8
442	50 - 500% of mass 198	65.7
443	15 - 24% of mass 442	18.4

8A
INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: APPL Inc. Contract:

Lab Code: SDG No.:

Lab File ID (Standard): 1019K131.D Date Analyzed: 10/27/21

Instrument ID: KYLO Time Analyzed: 9:29

GC Column: ID: Heated Purge: (Y/N)

		Napthalene-D8(IS)		Acenaphthene-D10(IS)		Phenanthrene-D10(IS)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	13145	3.89	6478	5.82	9986	7.52
	UPPER LIMIT	26290	4.06	12956	5.99	19972	7.69
	LOWER LIMIT	6573	3.72	3239	5.65	4993	7.35
	SAMPLE NO.						
01	211012A BLK 1/1000	12432	3.89	6173	5.82	9600	7.53
02	211012A LCS-1 1/1000	15579	3.89	7960	5.82	13116	7.52
03	211012A LCSD-1 1/100	16598	3.89	8501	5.82	13538	7.52
04	BA42512W07 1/940	15723	3.89	8153	5.82	13630	7.52
05	BA42514W07 1/940	16739	3.90	8842	5.82	14306	7.52
06	BA42516W07 1/940	15960	3.89	8322	5.82	13894	7.52
07	BA42518W07 1/950	16691	3.89	8557	5.82	14531	7.52
08	5 ug/ml 10/10/21 (2)	16326	3.90	8159	5.82	12835	7.52
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = -50% of internal standard area.
RT UPPER LIMIT = +0.17 minutes of internal standard RT
RT LOWER LIMIT = -0.17 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8A
INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: APPL Inc. Contract:

Lab Code: SDG No.:

Lab File ID (Standard): 1019K131.D Date Analyzed: 10/27/21

Instrument ID: KYLO Time Analyzed: 9:29

GC Column: ID: Heated Purge: (Y/N)

		Chrysene-D12(IS)		Perylene-D12(IS)			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	11937	10.58	10340	12.76		
	UPPER LIMIT	23874	10.75	20680	12.93		
	LOWER LIMIT	5969	10.41	5170	12.59		
	SAMPLE NO.						
01	211012A BLK 1/1000	11357	10.58	10060	12.76		
02	211012A LCS-1 1/1000	16199	10.57	14787	12.75		
03	211012A LCSD-1 1/100(	16657	10.58	15221	12.76		
04	BA42512W07 1/940	16815	10.57	15767	12.75		
05	BA42514W07 1/940	17098	10.57	15705	12.75		
06	BA42516W07 1/940	17660	10.58	16527	12.75		
07	BA42518W07 1/950	17653	10.57	15801	12.76		
08	5 ug/ml 10/10/21 (2)	15440	10.57	13434	12.76		
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = -50% of internal standard area.
RT UPPER LIMIT = +0.17 minutes of internal standard RT
RT LOWER LIMIT = -0.17 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

EPA 8260B

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/16/2021

Matrix: WATER Instrument: Max

APPL ID.	Client Sample No.	SURROGATE: 1,2-DICHLOROETHANE-D4 (S)			SURROGATE: 4-BROMOFLUOROBENZENE (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211016AM-LCS	Lab Control Spike	81-118	88.8		85-114	100	
211016AM-LCSD	Lab Control SpikeD	81-118	86.4		85-114	102	
211016AM-BLK	Blank	81-118	91.6		85-114	99.1	
BA42511	ERH1782	81-118	97.4		85-114	95.0	
BA42512	ERH1783	81-118	101		85-114	101	

Comments: Batch: #86BTO-211016AM

EPA 8260B

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/16/2021

Matrix: WATER Instrument: Max

APPL ID.	Client Sample No.	SURROGATE: DIBROMOFLUOROMETHANE (S)			SURROGATE: TOLUENE-D8 (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211016AM-LCS	Lab Control Spike	80-119	96.4		89-112	103	
211016AM-LCSD	Lab Control SpikeD	80-119	96.0		89-112	99.2	
211016AM-BLK	Blank	80-119	96.6		89-112	100.0	
BA42511	ERH1782	80-119	99.7		89-112	95.8	
BA42512	ERH1783	80-119	100		89-112	100	

Comments: Batch: #86BTO-211016AM

EPA 8260B

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/18/2021

Matrix: WATER Instrument: Max

APPL ID.	Client Sample No.	SURROGATE: 1,2-DICHLOROETHANE-D4 (S)			SURROGATE: 4-BROMOFLUOROBENZENE (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211018AM2-LCS	Lab Control Spike	81-118	97.6		85-114	100	
211018AM2-LCSD	Lab Control SpikeD	81-118	98.8		85-114	101	
211018AM2-BLK	Blank	81-118	96.3		85-114	99.6	
BA42514	ERH1786	81-118	96.9		85-114	105	
BA42515	ERH1788	81-118	96.3		85-114	102	
BA42516	ERH1789	81-118	97.9		85-114	101	
BA42517	ERH1791	81-118	95.7		85-114	99.1	
BA42518	ERH1792	81-118	99.8		85-114	103	

Comments: Batch: #86BTO-211018AM

EPA 8260B

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/18/2021

Matrix: WATER Instrument: Max

APPL ID.	Client Sample No.	SURROGATE: DIBROMOFLUOROMETHANE (S)			SURROGATE: TOLUENE-D8 (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211018AM2-LCS	Lab Control Spike	80-119	96.4		89-112	97.2	
211018AM2-LCSD	Lab Control SpikeD	80-119	98.0		89-112	98.8	
211018AM2-BLK	Blank	80-119	99.8		89-112	101	
BA42514	ERH1786	80-119	98.9		89-112	97.8	
BA42515	ERH1788	80-119	101		89-112	101	
BA42516	ERH1789	80-119	96.4		89-112	101	
BA42517	ERH1791	80-119	102		89-112	99.5	
BA42518	ERH1792	80-119	101		89-112	100.0	

Comments: Batch: #86BTO-211018AM

EPA 8260B

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/20/2021

Matrix: WATER Instrument: Max

APPL ID.	Client Sample No.	SURROGATE: 1,2-DICHLOROETHANE-D4 (S)			SURROGATE: 4-BROMOFLUOROBENZENE (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211020AM-LCS	Lab Control Spike	81-118	98.4		85-114	102	
211020AM-LCSD	Lab Control SpikeD	81-118	98.4		85-114	102	
211020AM-BLK	Blank	81-118	103		85-114	103	
BA42513	ERH1785	81-118	102		85-114	101	

Comments: Batch: #86BTO-211020AM

EPA 8260B

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/20/2021

Matrix: WATER Instrument: Max

APPL ID.	Client Sample No.	SURROGATE: DIBROMOFLUOROMETHANE (S)			SURROGATE: TOLUENE-D8 (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211020AM-LCS	Lab Control Spike	80-119	98.8		89-112	100	
211020AM-LCSD	Lab Control SpikeD	80-119	98.8		89-112	100	
211020AM-BLK	Blank	80-119	102		89-112	102	
BA42513	ERH1785	80-119	103		89-112	99.1	

Comments: Batch: #86BTO-211020AM

EPA 8260B

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	97781
Case No:	97781	Date Analyzed:	10/16/2021
Matrix:	WATER	Instrument:	Max
Blank ID:	211016AM-BLK	Time Analyzed:	1646

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211016AM-LCS	Lab Control Spike	1016M03	10/16/2021 1423
211016AM-LCSD	Lab Control SpikeD	1016M04	10/16/2021 1452
211016AM-BLK	Blank	1016M08	10/16/2021 1646
BA42511	ERH1782	1016M23	10/16/2021 2351
BA42512	ERH1783	1016M24	10/17/2021 0020

Comments: Batch: #86BTO-211016AM

EPA 8260B

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	97781
Case No:	97781	Date Analyzed:	10/18/2021
Matrix:	WATER	Instrument:	Max
Blank ID:	211018AM2-BLK	Time Analyzed:	1736

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211018AM2-LCS	Lab Control Spike	1018M03	10/18/2021 1515
211018AM2-LCSD	Lab Control SpikeD	1018M04	10/18/2021 1543
211018AM2-BLK	Blank	1018M08	10/18/2021 1736
BA42514	ERH1786	1018M09	10/18/2021 1805
BA42515	ERH1788	1018M10	10/18/2021 1833
BA42516	ERH1789	1018M11	10/18/2021 1902
BA42517	ERH1791	1018M12	10/18/2021 1930
BA42518	ERH1792	1018M13	10/18/2021 1959

Comments: Batch: #86BTO-211018AM

EPA 8260B

Form 4

Blank Summary

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/18/2021

Matrix: WATER Instrument: Max

Blank ID: 211018AM2-BLK Time Analyzed: 1736

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211018AM2-LCS	Lab Control Spike	1018M03	10/18/2021 1515
211018AM2-LCSD	Lab Control SpikeD	1018M04	10/18/2021 1543
211018AM2-BLK	Blank	1018M08	10/18/2021 1736
BA42514	ERH1786	1018M09	10/18/2021 1805
BA42515	ERH1788	1018M10	10/18/2021 1833
BA42516	ERH1789	1018M11	10/18/2021 1902
BA42517	ERH1791	1018M12	10/18/2021 1930
BA42518	ERH1792	1018M13	10/18/2021 1959

Comments: Batch: #86BTO-211018AM

EPA 8260B

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	97781
Case No:	97781	Date Analyzed:	10/20/2021
Matrix:	WATER	Instrument:	Max
Blank ID:	211020AM-BLK	Time Analyzed:	1732

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211020AM-LCS	Lab Control Spike	1020M03	10/20/2021 1220
211020AM-LCSD	Lab Control SpikeD	1020M04	10/20/2021 1248
211020AM-BLK	Blank	1020M14	10/20/2021 1732
BA42513	ERH1785	1020M15	10/20/2021 1800

Comments: Batch: #86BTO-211020AM

Method Blank
EPA 8260B BTEX WATER

Blank Name/QCG: **211016W-42511 - 270868**
Batch ID: #86BTO-211016AM

APPL Inc.
908 North Temperance Avenu
Clovis, CA 93611

Sample Type	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
BLANK	BENZENE	0.30 U	1.0	0.30	0.15	ug/L	10/16/2021	10/16/2021
BLANK	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	10/16/2021	10/16/2021
BLANK	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	10/16/2021	10/16/2021
BLANK	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	10/16/2021	10/16/2021
BLANK	SURROGATE: 1,2-DICHLOROET	91.6	81-118			%	10/16/2021	10/16/2021
BLANK	SURROGATE: 4-BROMOFLUOR	99.1	85-114			%	10/16/2021	10/16/2021
BLANK	SURROGATE: DIBROMOFLUOR	96.6	80-119			%	10/16/2021	10/16/2021
BLANK	SURROGATE: TOLUENE-D8 (S)	100.0	89-112			%	10/16/2021	10/16/2021

Quant Method: M1015W.M
Run #: 1016M08
Instrument: Max
Sequence: 211015
Initials: DA

GC SC-Blank-REG MDLs-DOD
Printed: 11/24/2021 11:46:55 AM

Method Blank
EPA 8260B BTEX WATER

Blank Name/QCG: **211018W-42514 - 270869**
Batch ID: #86BTO-211018AM2

APPL Inc.
908 North Temperance Avenu
Clovis, CA 93611

Sample Type	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
BLANK	BENZENE	0.30 U	1.0	0.30	0.15	ug/L	10/18/2021	10/18/2021
BLANK	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	10/18/2021	10/18/2021
BLANK	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	10/18/2021	10/18/2021
BLANK	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	10/18/2021	10/18/2021
BLANK	SURROGATE: 1,2-DICHLOROET	96.3	81-118			%	10/18/2021	10/18/2021
BLANK	SURROGATE: 4-BROMOFLUOR	99.6	85-114			%	10/18/2021	10/18/2021
BLANK	SURROGATE: DIBROMOFLUOR	99.8	80-119			%	10/18/2021	10/18/2021
BLANK	SURROGATE: TOLUENE-D8 (S)	101	89-112			%	10/18/2021	10/18/2021

Quant Method: MGAS0825.
Run #: 1018M08
Instrument: Max
Sequence: 211015
Initials: DA

GC SC-Blank-REG MDLs-DOD
Printed: 11/24/2021 11:46:55 AM

Method Blank
EPA 8260B BTEX WATER

Blank Name/QCG: **211020W-42513 - 270876**
Batch ID: #86BTO-211020AM

APPL Inc.
908 North Temperance Avenu
Clovis, CA 93611

Sample Type	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
BLANK	BENZENE	0.30 U	1.0	0.30	0.15	ug/L	10/20/2021	10/20/2021
BLANK	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	10/20/2021	10/20/2021
BLANK	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	10/20/2021	10/20/2021
BLANK	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	10/20/2021	10/20/2021
BLANK	SURROGATE: 1,2-DICHLOROET	103	81-118			%	10/20/2021	10/20/2021
BLANK	SURROGATE: 4-BROMOFLUOR	103	85-114			%	10/20/2021	10/20/2021
BLANK	SURROGATE: DIBROMOFLUOR	102	80-119			%	10/20/2021	10/20/2021
BLANK	SURROGATE: TOLUENE-D8 (S)	102	89-112			%	10/20/2021	10/20/2021

Quant Method: M1015W.M
Run #: 1020M14
Instrument: Max
Sequence: 211015
Initials: DA

GC SC-Blank-REG MDLs-DOD
Printed: 11/24/2021 11:46:55 AM

EPA 8260B

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	97781
Case No:	97781	Date Analyzed:	10/16/2021
Matrix:	WATER	Instrument:	Max
LCS ID:	211016AM-LCS	Time Analyzed:	1423

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211016AM-LCS	Lab Control Spike	1016M03	10/16/2021 1423
211016AM-LCSD	Lab Control SpikeD	1016M04	10/16/2021 1452
211016AM-BLK	Blank	1016M08	10/16/2021 1646
BA42511	ERH1782	1016M23	10/16/2021 2351
BA42512	ERH1783	1016M24	10/17/2021 0020

Comments: Batch: #86BTO-211016AM

EPA 8260B

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	97781
Case No:	97781	Date Analyzed:	10/18/2021
Matrix:	WATER	Instrument:	Max
LCS ID:	211018AM2-LCS	Time Analyzed:	1515

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211018AM2-LCS	Lab Control Spike	1018M03	10/18/2021 1515
211018AM2-LCSD	Lab Control SpikeD	1018M04	10/18/2021 1543
211018AM2-BLK	Blank	1018M08	10/18/2021 1736
BA42514	ERH1786	1018M09	10/18/2021 1805
BA42515	ERH1788	1018M10	10/18/2021 1833
BA42516	ERH1789	1018M11	10/18/2021 1902
BA42517	ERH1791	1018M12	10/18/2021 1930
BA42518	ERH1792	1018M13	10/18/2021 1959

Comments: Batch: #86BTO-211018AM

EPA 8260B

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	97781
Case No:	97781	Date Analyzed:	10/20/2021
Matrix:	WATER	Instrument:	Max
LCS ID:	211020AM-LCS	Time Analyzed:	1220

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211020AM-LCS	Lab Control Spike	1020M03	10/20/2021 1220
211020AM-LCSD	Lab Control SpikeD	1020M04	10/20/2021 1248
211020AM-BLK	Blank	1020M14	10/20/2021 1732
BA42513	ERH1785	1020M15	10/20/2021 1800

Comments: Batch: #86BTO-211020AM

Laboratory Control Spike Recoveries
EPA 8260B BTEX WATER

APPL ID: **211016W-42511 LCS - 270868**
Batch ID: #86BTO-211016AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
BENZENE	10.00	9.85	10.0	98.5	100	79-120	1.5	20
ETHYLBENZENE	10.00	10.2	10.3	102	103	79-121	0.98	20
TOLUENE	10.00	10.1	10.1	101	101	80-121	0.0	20
XYLENES (TOTAL)	30.0	31.4	31.6	105	105	79-121	0.63	20
SURROGATE: 1,2-DICHLOROETHANE-D	25.0	22.2	21.6	88.8	86.4	81-118		
SURROGATE: 4-BROMOFLUOROBENZE	25.0	25.0	25.4	100	102	85-114		
SURROGATE: DIBROMOFLUOROMETH	25.0	24.1	24.0	96.4	96.0	80-119		
SURROGATE: TOLUENE-D8 (S)	25.0	25.8	24.8	103	99.2	89-112		

Comments:

Primary	SPK	DUP
Quant Method :	M1015W.M	M1015W.M
Extraction Date :	10/16/2021	10/16/2021
Analysis Date :	10/16/2021	10/16/2021
Instrument :	Max	Max
Run :	1016M03	1016M04
Initials :	DA	

Laboratory Control Spike Recoveries
EPA 8260B BTEX WATER

APPL ID: **211020W-42513 LCS - 270876**
Batch ID: #86BTO-211020AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
BENZENE	10.00	9.08	9.15	90.8	91.5	79-120	0.77	20
ETHYLBENZENE	10.00	9.35	9.26	93.5	92.6	79-121	0.97	20
TOLUENE	10.00	9.34	9.50	93.4	95.0	80-121	1.7	20
XYLENES (TOTAL)	30.0	28.4	28.5	94.7	95.0	79-121	0.35	20
SURROGATE: 1,2-DICHLOROETHANE-D	25.0	24.6	24.6	98.4	98.4	81-118		
SURROGATE: 4-BROMOFLUOROBENZE	25.0	25.5	25.5	102	102	85-114		
SURROGATE: DIBROMOFLUOROMETH	25.0	24.7	24.7	98.8	98.8	80-119		
SURROGATE: TOLUENE-D8 (S)	25.0	25.1	25.0	100	100	89-112		

Comments:

Primary	SPK	DUP
Quant Method :	M1015W.M	M1015W.M
Extraction Date :	10/20/2021	10/20/2021
Analysis Date :	10/20/2021	10/20/2021
Instrument :	Max	Max
Run :	1020M03	1020M04
Initials :	DA	

Printed: 11/24/2021 12:04:03 PM
APPL Standard LCSD

Laboratory Control Spike Recoveries
EPA 8260B BTEX WATER

APPL ID: **211018W-42514 LCS - 270869**
Batch ID: #86BTO-211018AM2

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
BENZENE	10.00	9.87	10.5	98.7	105	79-120	6.2	20
ETHYLBENZENE	10.00	10.0	10.7	100	107	79-121	6.8	20
TOLUENE	10.00	10.1	10.7	101	107	80-121	5.8	20
XYLENES (TOTAL)	30.0	30.9	32.2	103	107	79-121	4.1	20
SURROGATE: 1,2-DICHLOROETHANE-D	25.0	24.4	24.7	97.6	98.8	81-118		
SURROGATE: 4-BROMOFLUOROBENZE	25.0	25.0	25.3	100	101	85-114		
SURROGATE: DIBROMOFLUOROMETH	25.0	24.1	24.5	96.4	98.0	80-119		
SURROGATE: TOLUENE-D8 (S)	25.0	24.3	24.7	97.2	98.8	89-112		

Comments:

Primary	SPK	DUP
Quant Method :	M1015W.M	M1015W.M
Extraction Date :	10/18/2021	10/18/2021
Analysis Date :	10/18/2021	10/18/2021
Instrument :	Max	Max
Run :	1018M03	1018M04
Initials :	DA	

Form 5
Tune Summary

Lab Name: APPL Inc.
Case No:
Matrix: Water
ID: 1015M11.D

SDG No:
Date Analyzed: 10/15/2021
Instrument: Max
Time Analyzed: 14:44

	Client Sample No.	APPL ID.	File ID.	Date Analyzed
1		0.3ug/L VOC STD 10/1	1015M12.D	10/15/2021 15:12
2		0.5ug/L VOC STD 10/1	1015M13.D	10/15/2021 15:41
3		1ug/L VOC STD 10/15/	1015M14.D	10/15/2021 16:09
4		2ug/L VOC STD 10/15/	1015M15.D	10/15/2021 16:38
5		5ug/L VOC STD 10/15/	1015M16.D	10/15/2021 17:06
6		10ug/L VOC STD 10/15	1015M17.D	10/15/2021 17:35
7		20ug/L VOC STD 10/15	1015M18.D	10/15/2021 18:03
8		40ug/L VOC STD 10/15	1015M19.D	10/15/2021 18:31
9		100ug/L VOC STD 10/1	1015M20.D	10/15/2021 19:00
10		(SS) 10ug/L VOC STD	1015M22.D	10/15/2021 19:57
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				

m/e		
50	15 - 40% of mass 95	20.4
75	30 - 60.04% of mass 95	58.4
95	100 - 200% of mass 95	100.0
96	5 - 9% of mass 95	6.7
173	0 - 2% of mass 174	0.0
174	50 - 200% of mass 95	126.6
175	5 - 9.02% of mass 174	7.7
176	95 - 101% of mass 174	99.1
177	5 - 9% of mass 176	6.5

Form 5
Tune Summary

Lab Name: APPL Inc. SDG No: 97781
Case No: 97781 Date Analyzed: 10/16/2021
Matrix: Water Instrument: Max
ID: 1016M01.D Time Analyzed: 13:27

	Client Sample No.	APPL ID.	File ID.	Date Analyzed
1	ERH1782	BA42511W01	1016M23.D	10/16/2021 23:51
2	ERH1783	BA42512W01	1016M24.D	10/17/2021 0:20
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				

m/e		
50	15 - 40% of mass 95	18.4
75	30 - 60.04% of mass 95	56.5
95	100 - 200% of mass 95	100.0
96	5 - 9% of mass 95	6.9
173	0 - 2% of mass 174	0.0
174	50 - 200% of mass 95	126.6
175	5 - 9.02% of mass 174	8.1
176	94.9 - 101% of mass 174	98.0
177	5 - 9% of mass 176	6.2

Form 5
Tune Summary

Lab Name: APPL Inc. SDG No: 97781
Case No: 97781 Date Analyzed: 10/18/2021
Matrix: Water Instrument: Max
ID: 1018M01.D Time Analyzed: 14:18

	Client Sample No.	APPL ID.	File ID.	Date Analyzed
1	ERH1786	BA42514W01	1018M09.D	10/18/2021 18:05
2	ERH1788	BA42515W01	1018M10.D	10/18/2021 18:33
3	ERH1789	BA42516W01	1018M11.D	10/18/2021 19:02
4	ERH1791	BA42517W01	1018M12.D	10/18/2021 19:30
5	ERH1792	BA42518W01	1018M13.D	10/18/2021 19:59
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				

m/e		
50	15 - 40% of mass 95	22.2
75	30 - 60.04% of mass 95	57.8
95	100 - 200% of mass 95	100.0
96	5 - 9% of mass 95	6.1
173	0 - 2% of mass 174	0.0
174	50 - 200% of mass 95	122.7
175	5 - 9.02% of mass 174	8.2
176	95 - 101% of mass 174	97.5
177	5 - 9% of mass 176	6.6

Form 5
Tune Summary

Lab Name: APPL Inc.
Case No: 97781
Matrix: Water
ID: 1020M01.D

SDG No: 97781
Date Analyzed: 10/20/2021
Instrument: Max
Time Analyzed: 11:23

	Client Sample No.	APPL ID.	File ID.	Date Analyzed
1	ERH1785	BA42513W02	1020M15.D	10/20/2021 18:00
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				

m/e		
50	15 - 40% of mass 95	22.6
75	30 - 60.04% of mass 95	59.4
95	100 - 200% of mass 95	100.0
96	5 - 9% of mass 95	7.5
173	0 - 2% of mass 174	0.0
174	50 - 200% of mass 95	117.6
175	5 - 9.02% of mass 174	8.6
176	95 - 101% of mass 174	96.4
177	5 - 9% of mass 176	7.2

8A
INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: APPL Inc. Contract:

Lab Code: SDG No.:

Lab File ID (Standard): 1015M18.D Date Analyzed: 10/15/21

Instrument ID: Max Time Analyzed: 18:03

GC Column: ID: Heated Purge: (Y/N)

		Fluorobenzene (IS)		Chlorobenzene-D5 (IS)		1,4-Dichlorobenzene-D (IS)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	395871	6.34	351611	9.50	235162	11.82
	UPPER LIMIT	791742	6.51	703222	9.67	470324	11.99
	LOWER LIMIT	197936	6.17	175806	9.33	117581	11.65
	SAMPLE NO.						
01	BA42837W01	454462	6.35	402631	9.51	256216	11.83
02	BA42835W01	420116	6.35	379149	9.51	243667	11.83
03	BA42836W01	427912	6.35	381141	9.51	242424	11.83
04	BA42514W01	356504	6.36	323199	9.51	223503	11.83
05	BA42515W01	368027	6.36	330070	9.51	220654	11.83
06	BA42516W01	362744	6.36	321126	9.51	211018	11.84
07	BA42517W01	362491	6.36	330774	9.51	213716	11.84
08	BA42518W01	365022	6.36	322273	9.51	208212	11.83
09	BA35793S03 DF50 8.88	367864	6.37	338525	9.52	205366	11.84
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = -50% of internal standard area.
RT UPPER LIMIT = +0.17 minutes of internal standard RT
RT LOWER LIMIT = -0.17 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

EPA 8260B

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/16/2021

Matrix: WATER Instrument: Max

APPL ID.	Client Sample No.	SURROGATE: 4-BROMOFLUOROBENZENE (S)					
		Limits	Result	Qualifier	Limits	Result	Qualifier
211016AM-LCS	Lab Control Spike	85-114	101				
211016AM-LCSD	Lab Control SpikeD	85-114	101				
211016AM-BLK	Blank	85-114	101				
BA42511	ERH1782	85-114	96.4				
BA42512	ERH1783	85-114	103				

Comments: Batch: #GRO86-211016A

EPA 8260B

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/18/2021

Matrix: WATER Instrument: Max

APPL ID.	Client Sample No.	SURROGATE: 4-BROMOFLUOROBENZENE (S)					
		Limits	Result	Qualifier	Limits	Result	Qualifier
211018AM2-LCS	Lab Control Spike	85-114	102				
211018AM2-LCSD	Lab Control SpikeD	85-114	104				
211018AM2-BLK	Blank	85-114	101				
BA42514	ERH1786	85-114	107				
BA42515	ERH1788	85-114	104				
BA42516	ERH1789	85-114	102				
BA42517	ERH1791	85-114	101				
BA42518	ERH1792	85-114	105				

Comments: Batch: #GRO86-211018A

EPA 8260B

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/20/2021

Matrix: WATER Instrument: Max

APPL ID.	Client Sample No.	SURROGATE: 4-BROMOFLUOROBENZENE (S)					
		Limits	Result	Qualifier	Limits	Result	Qualifier
211020AM1-LCS	Lab Control Spike	85-114	101				
211020AM1-LCSD	Lab Control SpikeD	85-114	103				
211020AM1-BLK	Blank	85-114	104				
BA42513	ERH1785	85-114	103				

Comments: Batch: #GRO86-211020A

EPA 8260B

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	97781
Case No:	97781	Date Analyzed:	10/16/2021
Matrix:	WATER	Instrument:	Max
Blank ID:	211016AM-BLK	Time Analyzed:	1646

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211016AM-LCS	Lab Control Spike	1016M06	10/16/2021 1549
211016AM-LCSD	Lab Control SpikeD	1016M07	10/16/2021 1617
211016AM-BLK	Blank	1016M08	10/16/2021 1646
BA42511	ERH1782	1016M23	10/16/2021 2351
BA42512	ERH1783	1016M24	10/17/2021 0020

Comments: Batch: #GRO86-211016A

EPA 8260B

Form 4

Blank Summary

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/18/2021

Matrix: WATER Instrument: Max

Blank ID: 211018AM2-BLK Time Analyzed: 1736

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211018AM2-LCS	Lab Control Spike	1018M06	10/18/2021 1640
211018AM2-LCSD	Lab Control SpikeD	1018M07	10/18/2021 1708
211018AM2-BLK	Blank	1018M08	10/18/2021 1736
BA42514	ERH1786	1018M09	10/18/2021 1805
BA42515	ERH1788	1018M10	10/18/2021 1833
BA42516	ERH1789	1018M11	10/18/2021 1902
BA42517	ERH1791	1018M12	10/18/2021 1930
BA42518	ERH1792	1018M13	10/18/2021 1959

Comments: Batch: #GRO86-211018A

EPA 8260B

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	97781
Case No:	97781	Date Analyzed:	10/20/2021
Matrix:	WATER	Instrument:	Max
Blank ID:	211020AM1-BLK	Time Analyzed:	1732

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211020AM1-LCS	Lab Control Spike	1020M10	10/20/2021 1538
211020AM1-LCSD	Lab Control SpikeD	1020M11	10/20/2021 1607
211020AM1-BLK	Blank	1020M14	10/20/2021 1732
BA42513	ERH1785	1020M15	10/20/2021 1800

Comments: Batch: #GRO86-211020A

EPA 8260B

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	97781
Case No:	97781	Date Analyzed:	10/18/2021
Matrix:	WATER	Instrument:	Max
Blank ID:	211018AM2-BLK	Time Analyzed:	1736

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211018AM2-LCS	Lab Control Spike	1018M06	10/18/2021 1640
211018AM2-LCSD	Lab Control SpikeD	1018M07	10/18/2021 1708
211018AM2-BLK	Blank	1018M08	10/18/2021 1736
BA42514	ERH1786	1018M09	10/18/2021 1805
BA42515	ERH1788	1018M10	10/18/2021 1833
BA42516	ERH1789	1018M11	10/18/2021 1902
BA42517	ERH1791	1018M12	10/18/2021 1930
BA42518	ERH1792	1018M13	10/18/2021 1959

Comments: Batch: #GRO86-211018A

EPA 8260B

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	97781
Case No:	97781	Date Analyzed:	10/20/2021
Matrix:	WATER	Instrument:	Max
Blank ID:	211020AM1-BLK	Time Analyzed:	1732

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211020AM1-LCS	Lab Control Spike	1020M10	10/20/2021 1538
211020AM1-LCSD	Lab Control SpikeD	1020M11	10/20/2021 1607
211020AM1-BLK	Blank	1020M14	10/20/2021 1732
BA42513	ERH1785	1020M15	10/20/2021 1800

Comments: Batch: #GRO86-211020A

Method Blank
EPA 8260B GRO WATER

Blank Name/QCG: **211016W-42511 - 270921**
Batch ID: #GRO86-211016AM

APPL Inc.
908 North Temperance Avenu
Clovis, CA 93611

Sample Type	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
BLANK	GASOLINE RANGE ORGANICS	18.0 U	20	18.0	8.6	ug/L	10/16/2021	10/16/2021
BLANK	SURROGATE: 4-BROMOFLUOR	101	85-114			%	10/16/2021	10/16/2021

Quant Method: M0825SUR.
Run #: 1016M08
Instrument: Max
Sequence: 211015
Initials: DA

GC SC-Blank-REG MDLs-DOD
Printed: 11/24/2021 11:52:24 AM

Method Blank
EPA 8260B GRO WATER

Blank Name/QCG: **211018W-42514 - 270923**
Batch ID: #GRO86-211018AM2

APPL Inc.
908 North Temperance Avenu
Clovis, CA 93611

Sample Type	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
BLANK	GASOLINE RANGE ORGANICS	18.0 U	20	18.0	8.6	ug/L	10/18/2021	10/18/2021
BLANK	SURROGATE: 4-BROMOFLUOR	101	85-114			%	10/18/2021	10/18/2021

Quant Method: M0825SUR.
Run #: 1018M08
Instrument: Max
Sequence: 211015
Initials: DA

GC SC-Blank-REG MDLs-DOD
Printed: 11/24/2021 11:52:24 AM

Method Blank
EPA 8260B GRO WATER

Blank Name/QCG: **211020W-42513 - 270925**
Batch ID: #GRO86-211020AM1

APPL Inc.
908 North Temperance Avenu
Clovis, CA 93611

Sample Type	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
BLANK	GASOLINE RANGE ORGANICS	18.0 U	20	18.0	8.6	ug/L	10/20/2021	10/20/2021
BLANK	SURROGATE: 4-BROMOFLUOR	104	85-114			%	10/20/2021	10/20/2021

Quant Method: M0825SUR.
Run #: 1020M14
Instrument: Max
Sequence: 211015
Initials: DA

GC SC-Blank-REG MDLs-DOD
Printed: 11/24/2021 11:52:24 AM

EPA 8260B

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	97781
Case No:	97781	Date Analyzed:	10/16/2021
Matrix:	WATER	Instrument:	Max
LCS ID:	211016AM-LCS	Time Analyzed:	1549

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211016AM-LCS	Lab Control Spike	1016M06	10/16/2021 1549
211016AM-LCSD	Lab Control SpikeD	1016M07	10/16/2021 1617
211016AM-BLK	Blank	1016M08	10/16/2021 1646
BA42511	ERH1782	1016M23	10/16/2021 2351
BA42512	ERH1783	1016M24	10/17/2021 0020

Comments: Batch: #GRO86-211016A

EPA 8260B

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	97781
Case No:	97781	Date Analyzed:	10/18/2021
Matrix:	WATER	Instrument:	Max
LCS ID:	211018AM2-LCS	Time Analyzed:	1640

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211018AM2-LCS	Lab Control Spike	1018M06	10/18/2021 1640
211018AM2-LCSD	Lab Control SpikeD	1018M07	10/18/2021 1708
211018AM2-BLK	Blank	1018M08	10/18/2021 1736
BA42514	ERH1786	1018M09	10/18/2021 1805
BA42515	ERH1788	1018M10	10/18/2021 1833
BA42516	ERH1789	1018M11	10/18/2021 1902
BA42517	ERH1791	1018M12	10/18/2021 1930
BA42518	ERH1792	1018M13	10/18/2021 1959

Comments: Batch: #GRO86-211018A

EPA 8260B

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	97781
Case No:	97781	Date Analyzed:	10/20/2021
Matrix:	WATER	Instrument:	Max
LCS ID:	211020AM1-LCS	Time Analyzed:	1538

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211020AM1-LCS	Lab Control Spike	1020M10	10/20/2021 1538
211020AM1-LCSD	Lab Control SpikeD	1020M11	10/20/2021 1607
211020AM1-BLK	Blank	1020M14	10/20/2021 1732
BA42513	ERH1785	1020M15	10/20/2021 1800

Comments: Batch: #GRO86-211020A

Laboratory Control Spike Recoveries
EPA 8260B GRO WATER

APPL ID: **211016W-42511 LCS - 270921**
Batch ID: #GRO86-211016AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
GASOLINE RANGE ORGANICS	300	308	313	103	104	78-122	1.6	20
SURROGATE: 4-BROMOFLUOROBENZE	25.0	25.3	25.2	101	101	85-114		

Comments:

Primary	SPK	DUP
Quant Method :	M0825SUR.M	M0825SUR.M
Extraction Date :	10/16/2021	10/16/2021
Analysis Date :	10/16/2021	10/16/2021
Instrument :	Max	Max
Run :	1016M06	1016M07
Initials :	DA	

Laboratory Control Spike Recoveries
EPA 8260B GRO WATER

APPL ID: **211020W-42513 LCS - 270925**
Batch ID: #GRO86-211020AM1

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
GASOLINE RANGE ORGANICS	300	323	312	108	104	78-122	3.5	20
SURROGATE: 4-BROMOFLUOROBENZE	25.0	25.2	25.8	101	103	85-114		

Comments:

Primary	SPK	DUP
Quant Method :	M0825SUR.M	M0825SUR.M
Extraction Date :	10/20/2021	10/20/2021
Analysis Date :	10/20/2021	10/20/2021
Instrument :	Max	Max
Run :	1020M10	1020M11
Initials :	DA	

Printed: 11/24/2021 11:51:54 AM
APPL Standard LCSD

Laboratory Control Spike Recoveries
EPA 8260B GRO WATER

APPL ID: **211018W-42514 LCS - 270923**
Batch ID: #GRO86-211018AM2

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
GASOLINE RANGE ORGANICS	300	305	304	102	101	78-122	0.33	20
SURROGATE: 4-BROMOFLUOROBENZE	25.0	25.4	25.9	102	104	85-114		

Comments:

Primary	SPK	DUP
Quant Method :	M0825SUR.M	M0825SUR.M
Extraction Date :	10/18/2021	10/18/2021
Analysis Date :	10/18/2021	10/18/2021
Instrument :	Max	Max
Run :	1018M06	1018M07
Initials :	DA	

SW846 9060A

Form 4

Blank Summary

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/12/2021

Matrix: WATER Instrument: TICTOC

Blank ID: 211012A-BLK Time Analyzed: 2300

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211012A-LCSD	Lab Control SpikeD	21	10/12/2021 1409
211012A-LCS	Lab Control Spike	25	10/12/2021 1833
211012A-BLK	Blank	29	10/12/2021 2300
BA42512	ERH1783	33	10/13/2021 0134
BA42514	ERH1786	34	10/13/2021 0213
BA42516	ERH1789	35	10/13/2021 0252
BA42518	ERH1792	36	10/13/2021 0331

Comments: Batch: #TOCW5-211012A

WETLAB BLANK

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Analyte	Result	LOQ	LOD	DL	Units	Prep Date	Analysis Date	QC Group
SW846 90	TOTAL ORGANIC C	0.350 U	0.93	0.350	0.130	mg/L	10/12/21	10/12/21	#TOCW5-211012A-BA42228

SW846 9060A

Form 4

LCS Summary

Lab Name: APPL, Inc. SDG No: 97781

Case No: 97781 Date Analyzed: 10/12/2021

Matrix: WATER Instrument: TICTOC

LCS ID: 211012A-LCS Time Analyzed: 1833

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211012A-LCSD	Lab Control SpikeD	21	10/12/2021 1409
211012A-LCS	Lab Control Spike	25	10/12/2021 1833
211012A-BLK	Blank	29	10/12/2021 2300
BA42512	ERH1783	33	10/13/2021 0134
BA42514	ERH1786	34	10/13/2021 0213
BA42516	ERH1789	35	10/13/2021 0252
BA42518	ERH1792	36	10/13/2021 0331

Comments: Batch: #TOCW5-211012A

Laboratory Control Spike Recoveries

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Lvl mg/L	SPK Res mg/L	DUP Res mg/L	SPK % Recov	DUP % Recov	RPD	RPD Max	QC Limits	Extract Date-Spk	Analysis Date-Spk	Extract Date-Dup	Analysis Date-Dup	QC Group
SW846 90	TOTAL ORGANIC CARBO	5.00	4.47	5.08	89.4	102	12.8	20	80-120	10/12/21	10/12/21	10/12/21	10/12/21	#TOCW5-211012A-BA422

Comments:

ORGANICS
Calibration Data

TPH Extractables
DOC0831

Form 6
Initial Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Initial Cal. Date: 8/30/2021
Matrix: Water Instrument: Apollo
Initials: KA

			830004.D	830005.D	830006.D	830007.D	830008.D	830009.D	830010.D								
		Compound	1	2	3	4	5	6	7				Avg	%RSD	Type	r^2	Q
1	HATM	Diesel (C10-C24)	1996096	2096504	2044980	1954573	1978127	1986289	2080607				2019597	2.7	HATM		
2	HBTML	Motor Oil (C24-C40)	4145119	2435540	1673061	1536974	1493779	1466134	1500171				2035825	49	HBTM	1.000	
3	SA	Ortho-Terphenyl(S)	2853226	2657484	2628989	2539846	2469795	2419311	2566361				2590716	5.5	SA		
4	SA	Octacosane(S)	2110335	1874119	1915976	1916647	1876549	1864260	1926753				1926377	4.4	SA		
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1.751305

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210830\830004.D Vial: 4
Acq On : 8-30-21 14:23:31 Operator: KA
Sample : DMO STD Curve 1 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 8 12:55 2021 Quant Results File: DOC0830.RES

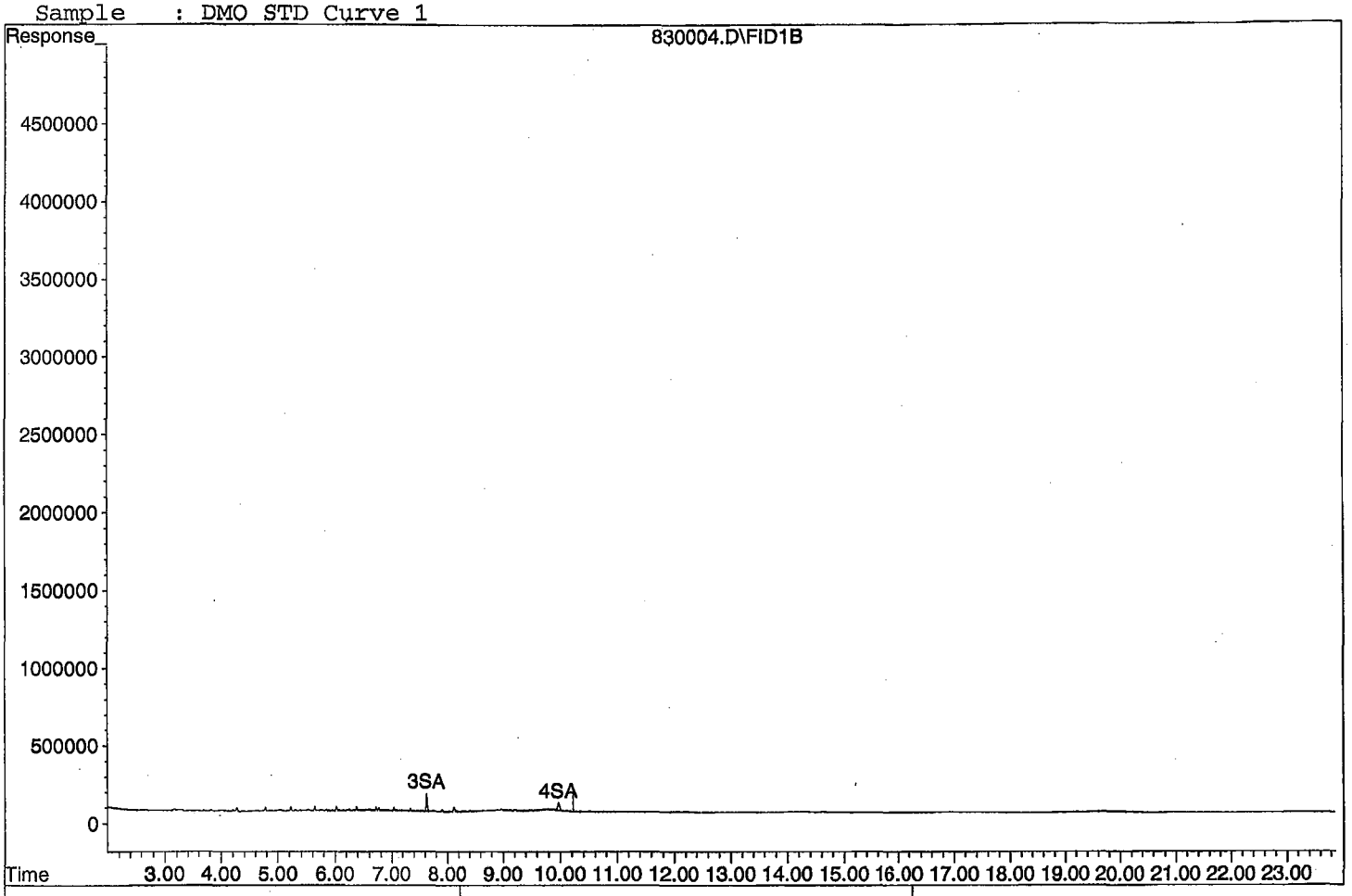
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

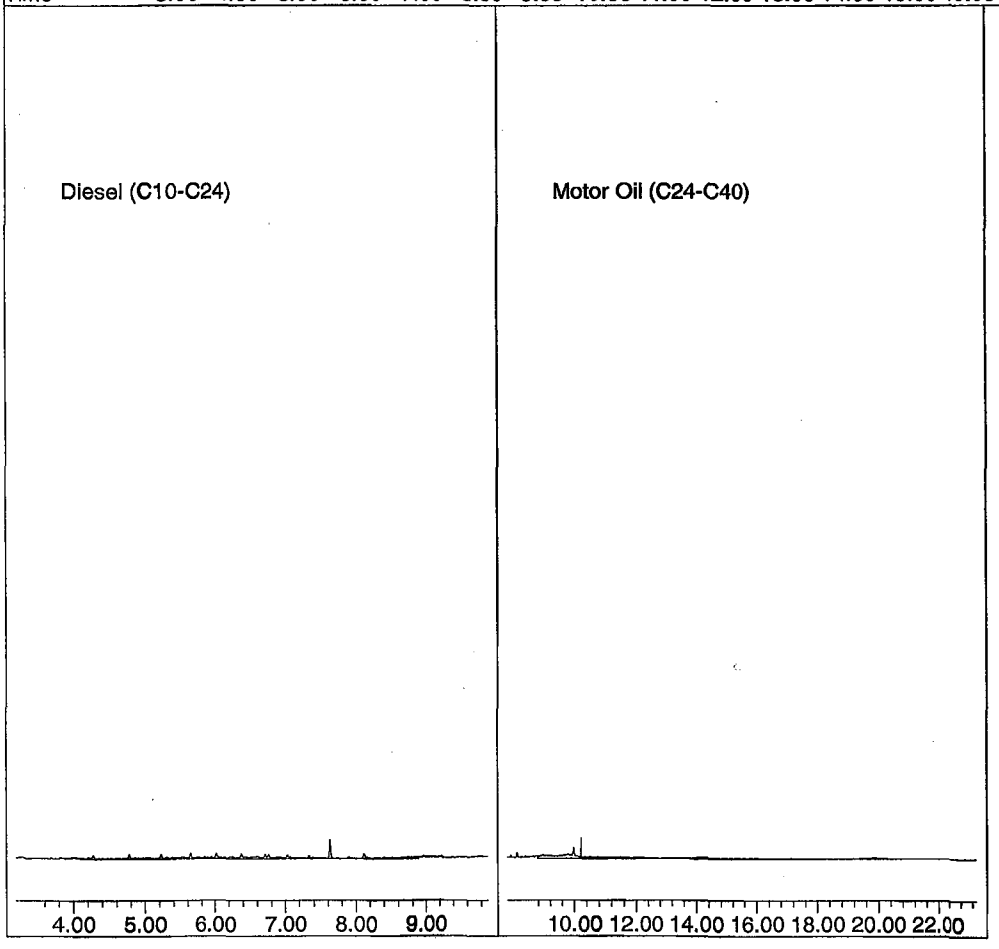
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	1426613	0.275 ppb
Surrogate Spike 30.000	Recovery	=	0.92%
4) SA Octacosane(S)	9.98	1055167	0.274 ppb
Surrogate Spike 30.000	Recovery	=	0.91%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	19960961	4.942 ppb
2) HBTM Motor Oil (C24-C40)	15.55	41451191	5.936 ppb

Target Compounds

Data File: G:\APOLLO\DATA\210830\830004.D
Sample : DMO STD Curve 1





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210830\830005.D Vial: 5
Acq On : 8-30-21 14:52:00 Operator: KA
Sample : DMO STD Curve 2 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 8 12:55 2021 Quant Results File: DOC0830.RES

Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

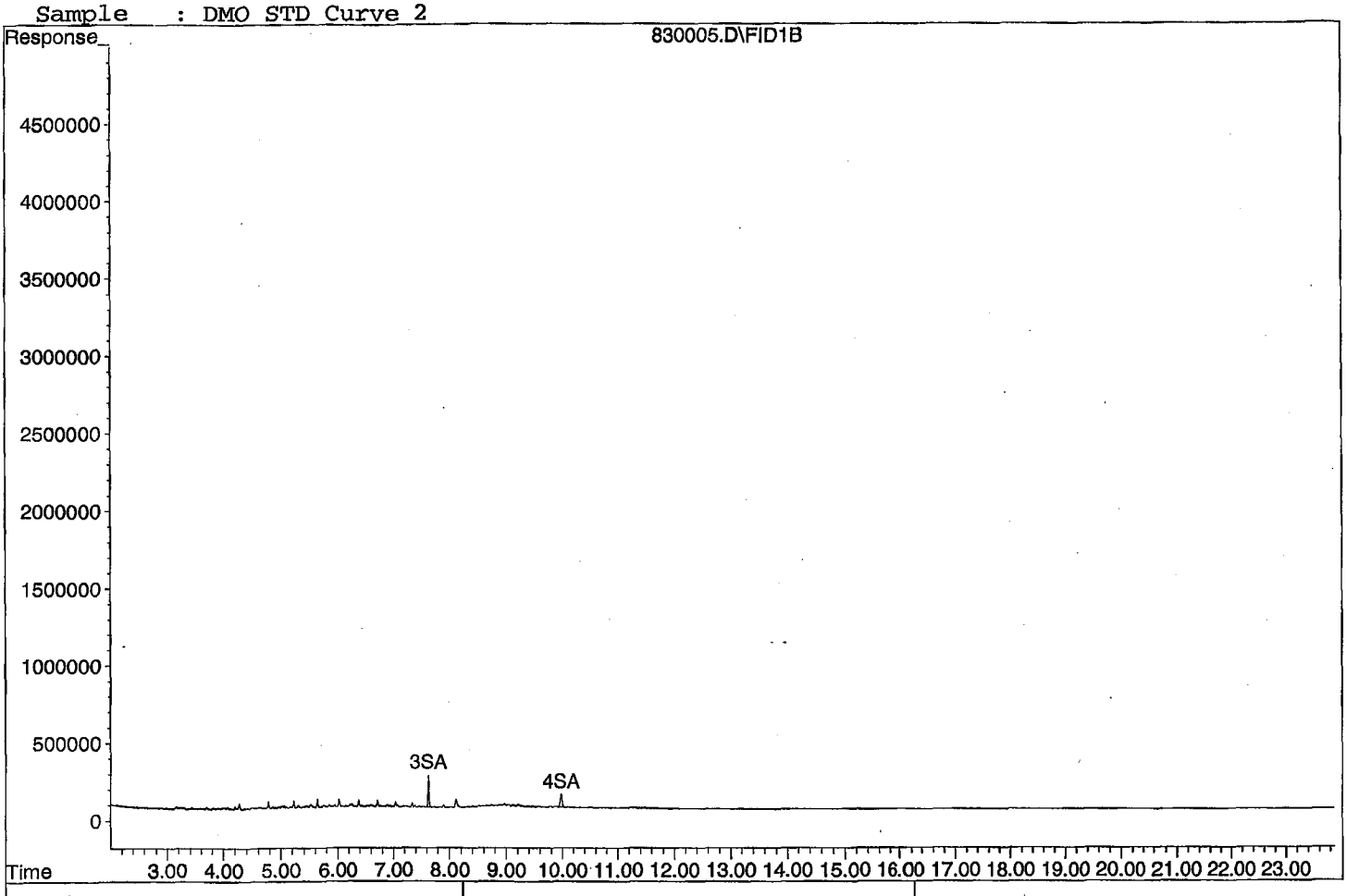
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

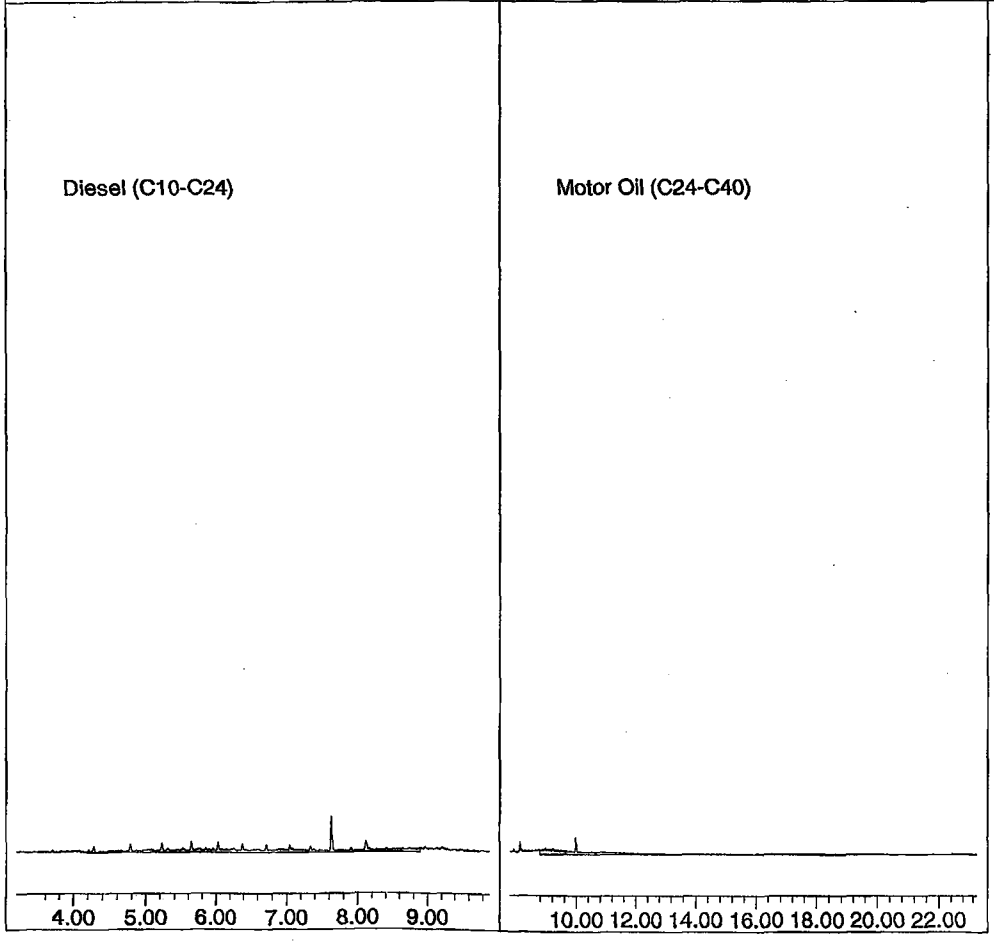
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	2657484	0.513 ppb
Surrogate Spike 30.000	Recovery =		1.71%
4) SA Octacosane(S)	9.98	1874119	0.486 ppb
Surrogate Spike 30.000	Recovery =		1.62%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	41930088	10.381 ppb
2) HBTM Motor Oil (C24-C40)	15.55	48710805	8.390 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.
830005.D DOC0830.M Wed Sep 08 12:56:15 2021

Data File: G:\APOLLO\DATA\210830\830005.D
Sample : DMO STD Curve 2





Quantitation Report (Not Reviewed)

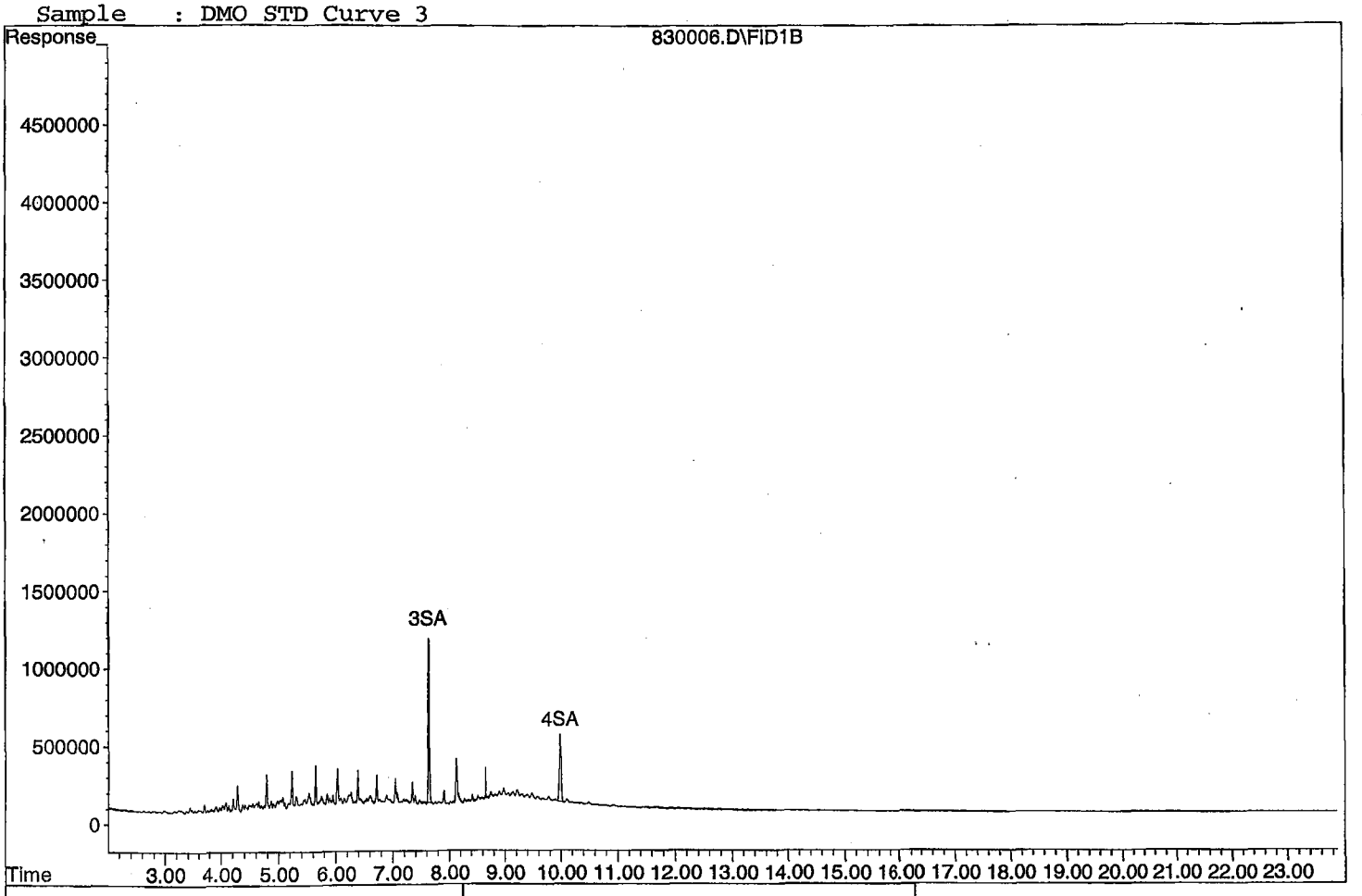
Data File : G:\APOLLO\DATA\210830\830006.D Vial: 6
Acq On : 8-30-21 15:20:31 Operator: KA
Sample : DMO STD Curve 3 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 8 12:55 2021 Quant Results File: DOC0830.RES

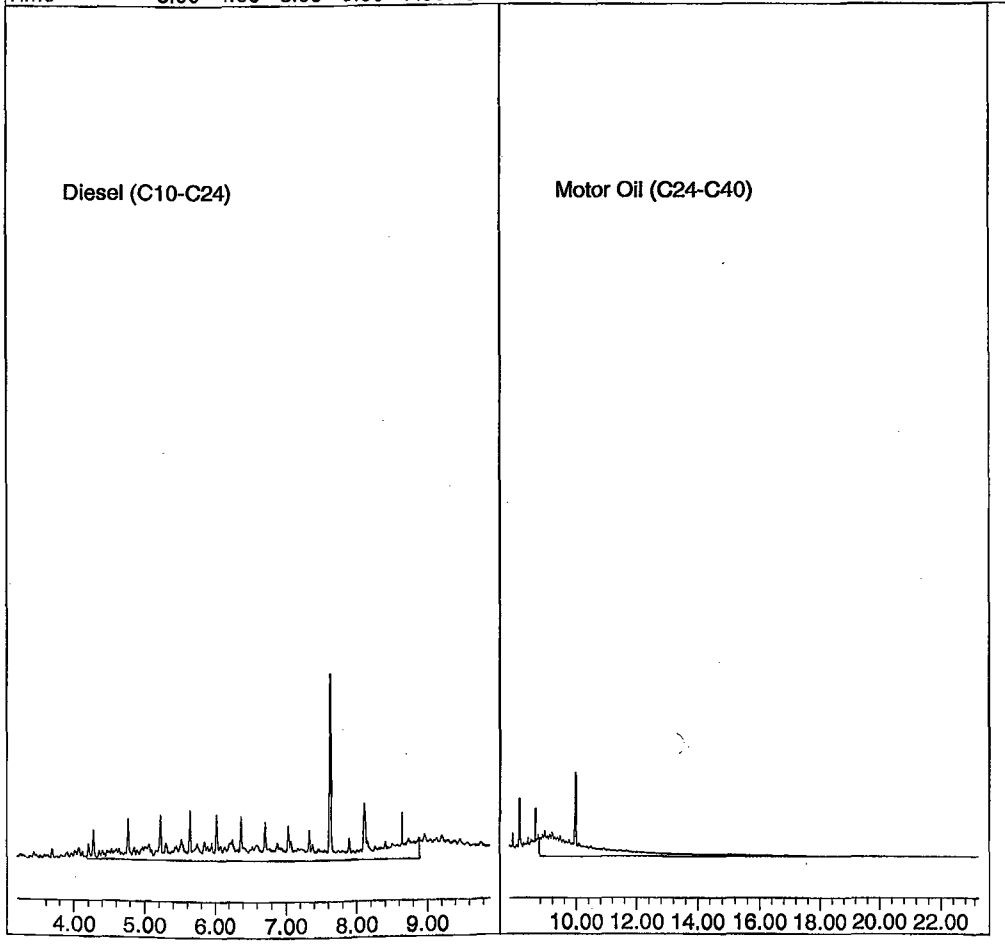
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	13144947	2.537 ppb
Surrogate Spike 30.000	Recovery =		8.46%
4) SA Octacosane(S)	9.98	9579881	2.487 ppb
Surrogate Spike 30.000	Recovery =		8.29%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	204498046	50.628 ppb
2) HBTM Motor Oil (C24-C40)	15.55	167306131	48.476 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\210830\830006.D
Sample : DMO STD Curve 3





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210830\830007.D Vial: 7
Acq On : 8-30-21 15:48:59 Operator: KA
Sample : DMO STD Curve 4 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 8 12:55 2021 Quant Results File: DOC0830.RES

Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

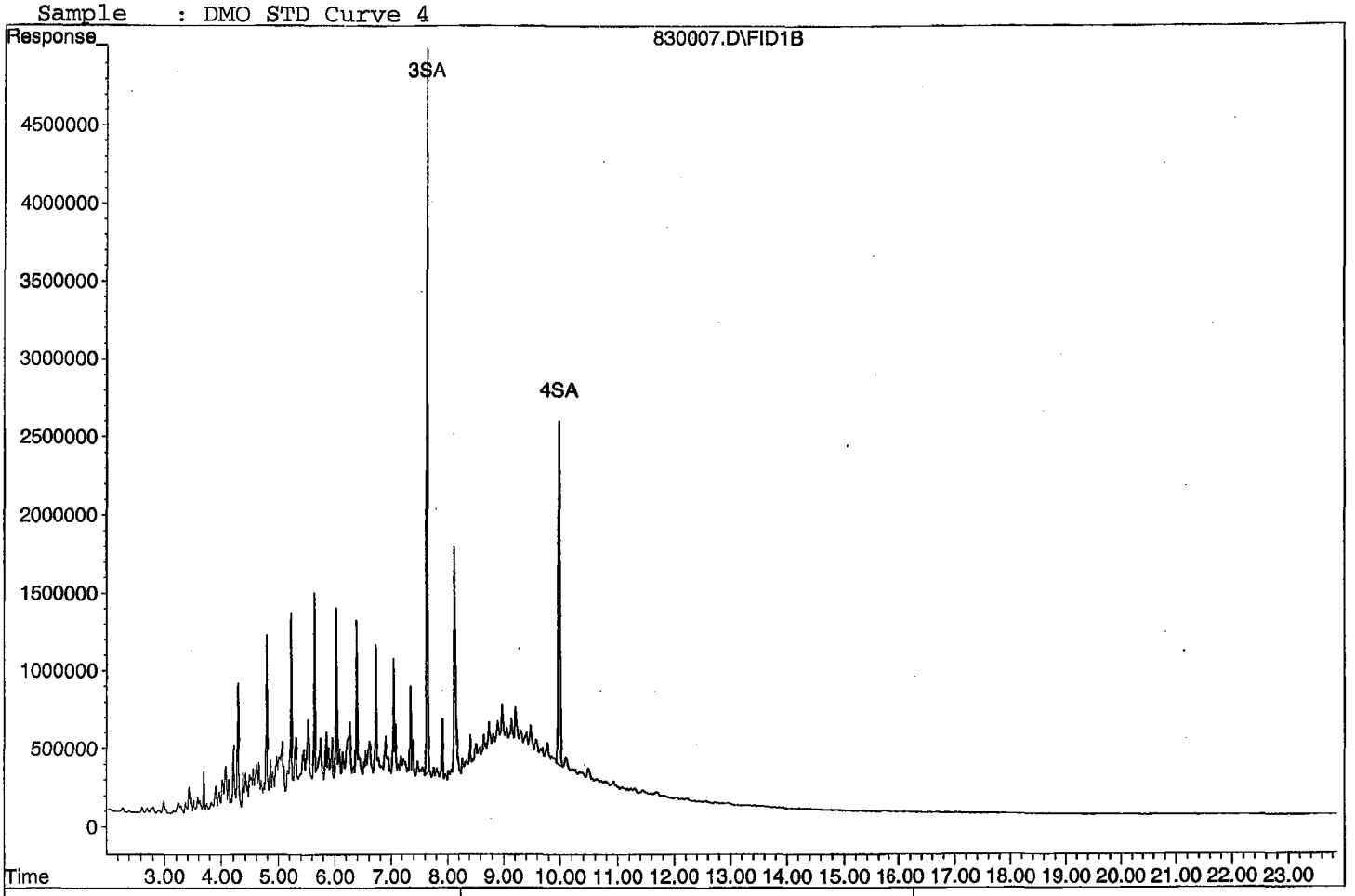
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

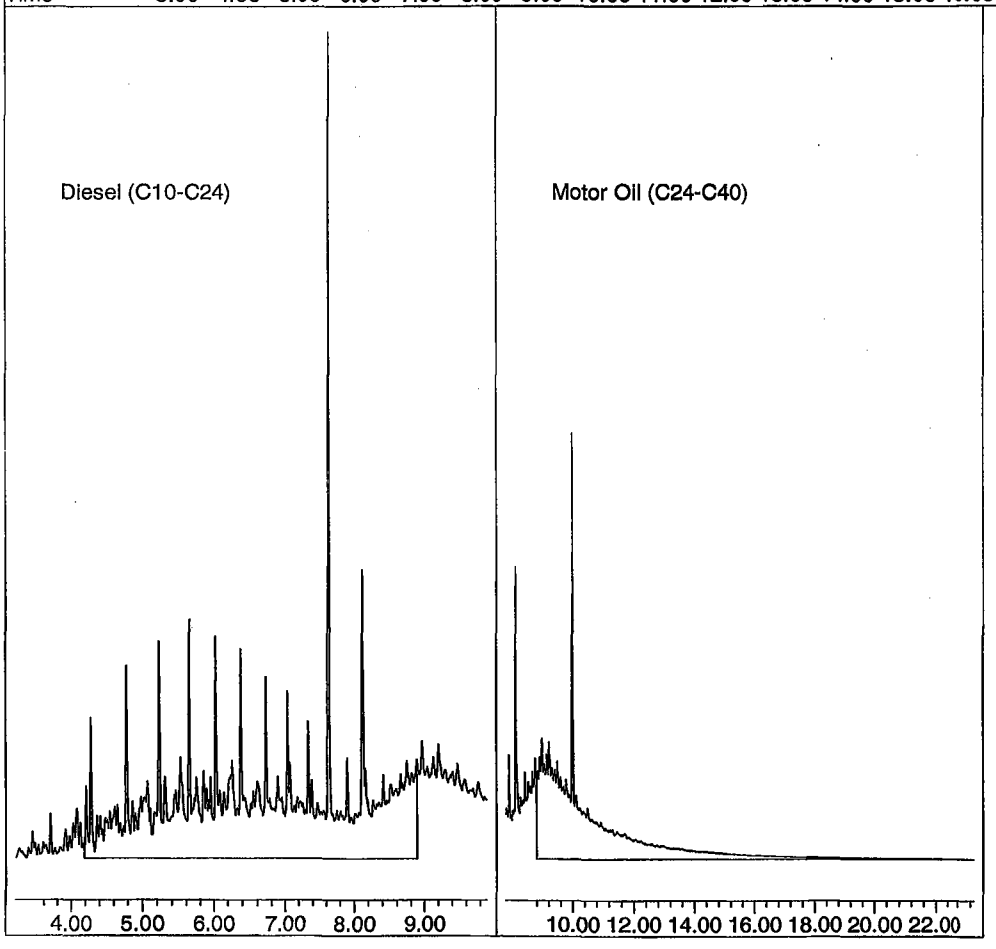
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
3) SA Ortho-Terphenyl(S)	7.63	63496153	12.255	ppb
Surrogate Spike 30.000		Recovery =	40.85%	
4) SA Octacosane(S)	9.98	47916187	12.437	ppb
Surrogate Spike 30.000		Recovery =	41.46%	
Target Compounds				
1) HATM Diesel (C10-C24)	6.54	977286267	241.951	ppb
2) HBTM Motor Oil (C24-C40)	15.55	768486801	251.677	ppb
Target Compounds				

(f)=RT Delta > 1/2 Window

(m)=manual int.
830007.D DOC0830.M Wed Sep 08 12:56:18 2021

Data File: G:\APOLLO\DATA\210830\830007.D
Sample : DMO STD Curve 4





Quantitation Report (Not Reviewed)

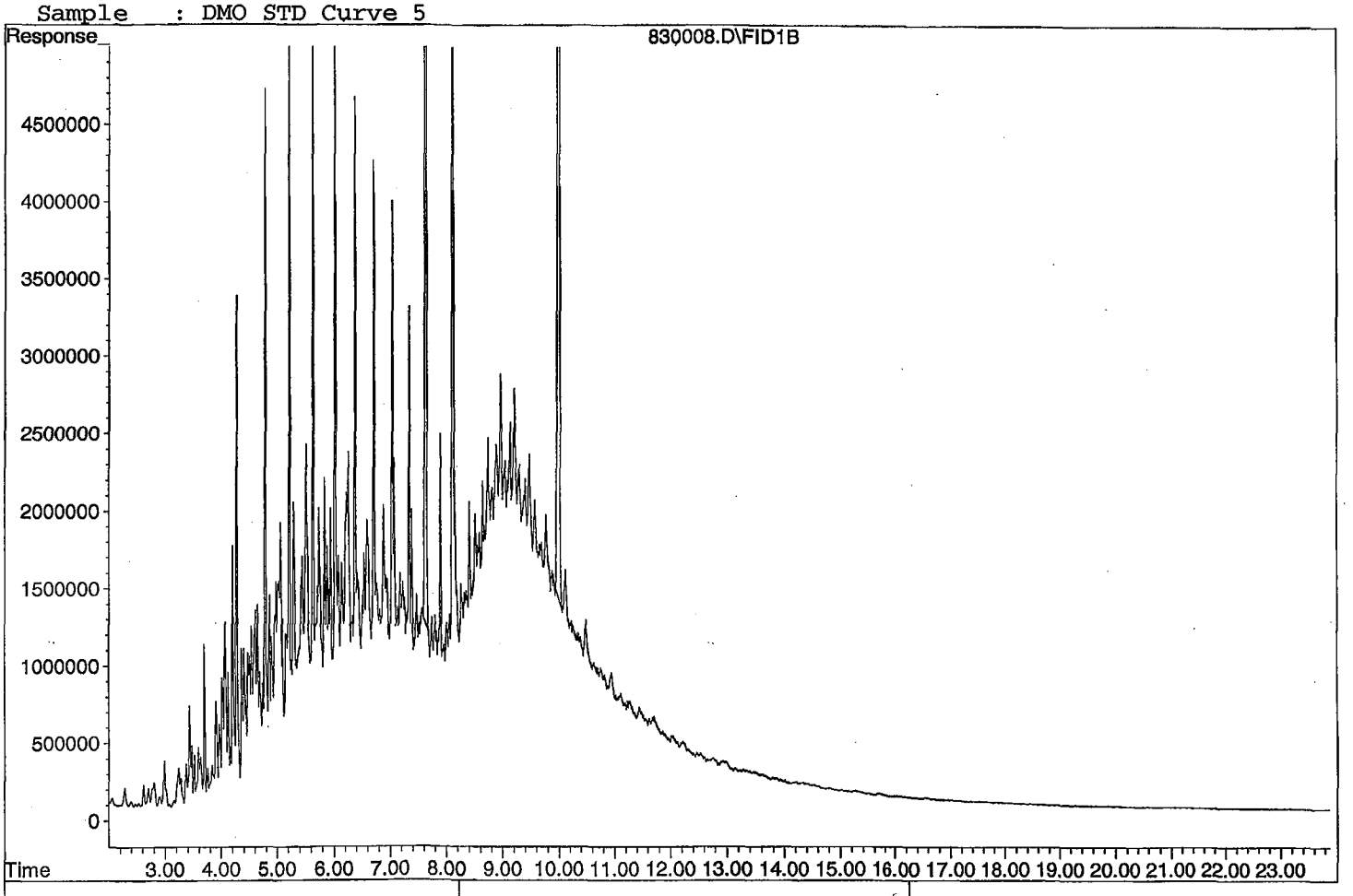
Data File : G:\APOLLO\DATA\210830\830008.D Vial: 8
Acq On : 8-30-21 16:17:29 Operator: KA
Sample : DMO STD Curve 5 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 8 12:55 2021 Quant Results File: DOC0830.RES

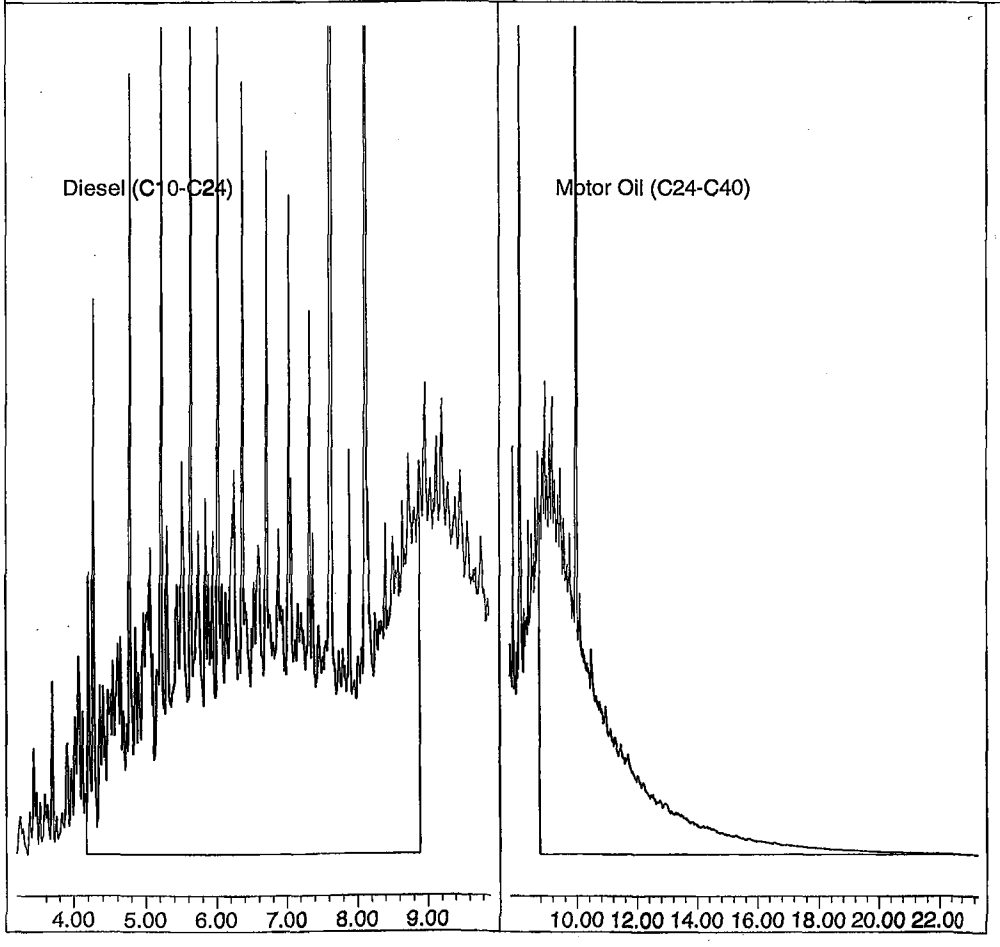
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	246979512	47.666 ppb
Surrogate Spike 30.000	Recovery =		158.89%
4) SA Octacosane(S)	9.99	187654879	48.707 ppb
Surrogate Spike 30.000	Recovery =		162.36%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	3956253906	979.466 ppb
2) HBTM Motor Oil (C24-C40)	15.55	2987558435	1001.733 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\210830\830008.D
Sample : DMO STD Curve 5





Quantitation Report (Not Reviewed)

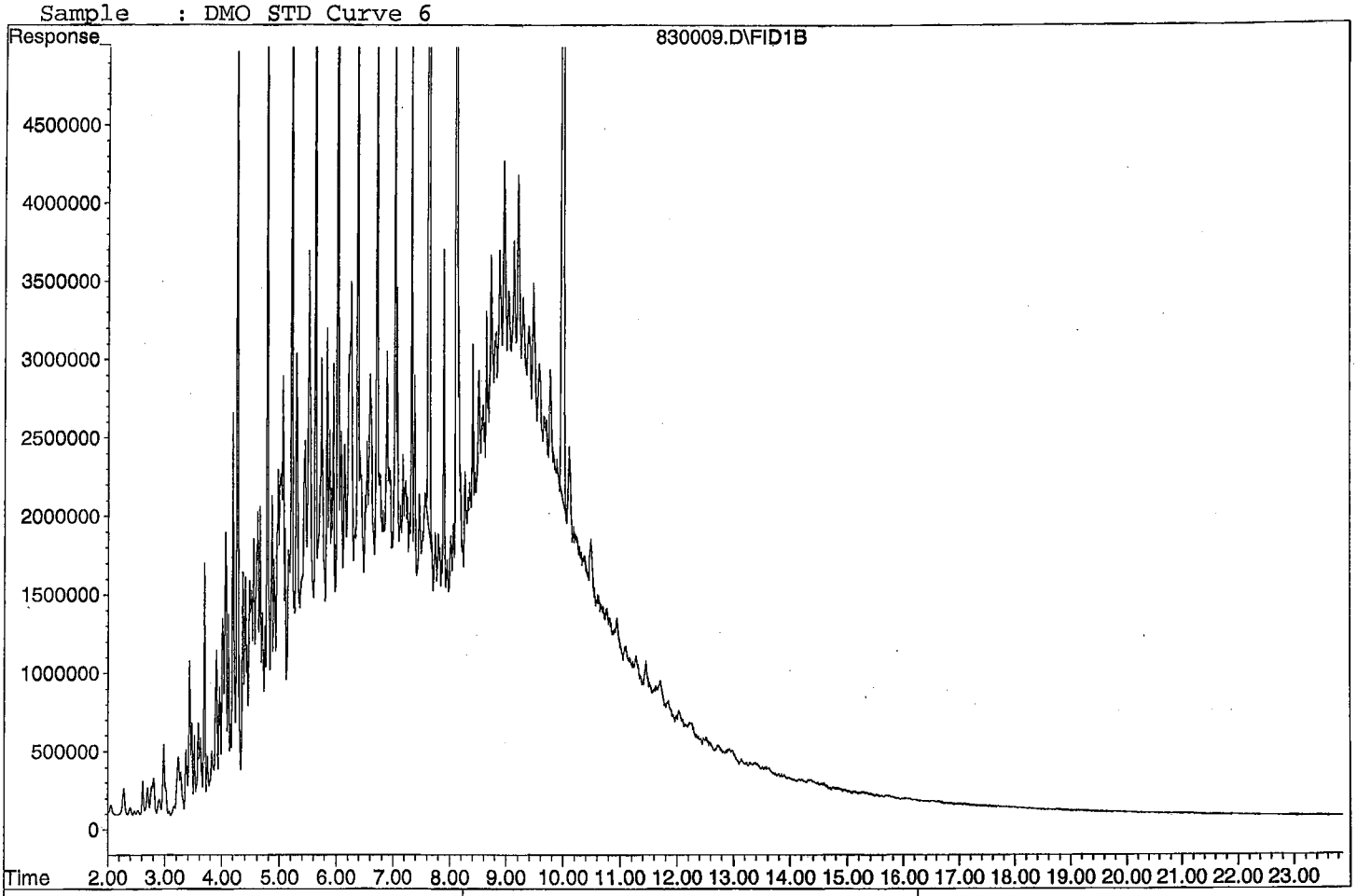
Data File : G:\APOLLO\DATA\210830\830009.D Vial: 9
Acq On : 8-30-21 16:45:57 Operator: KA
Sample : DMO STD Curve 6 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 8 12:55 2021 Quant Results File: DOC0830.RES

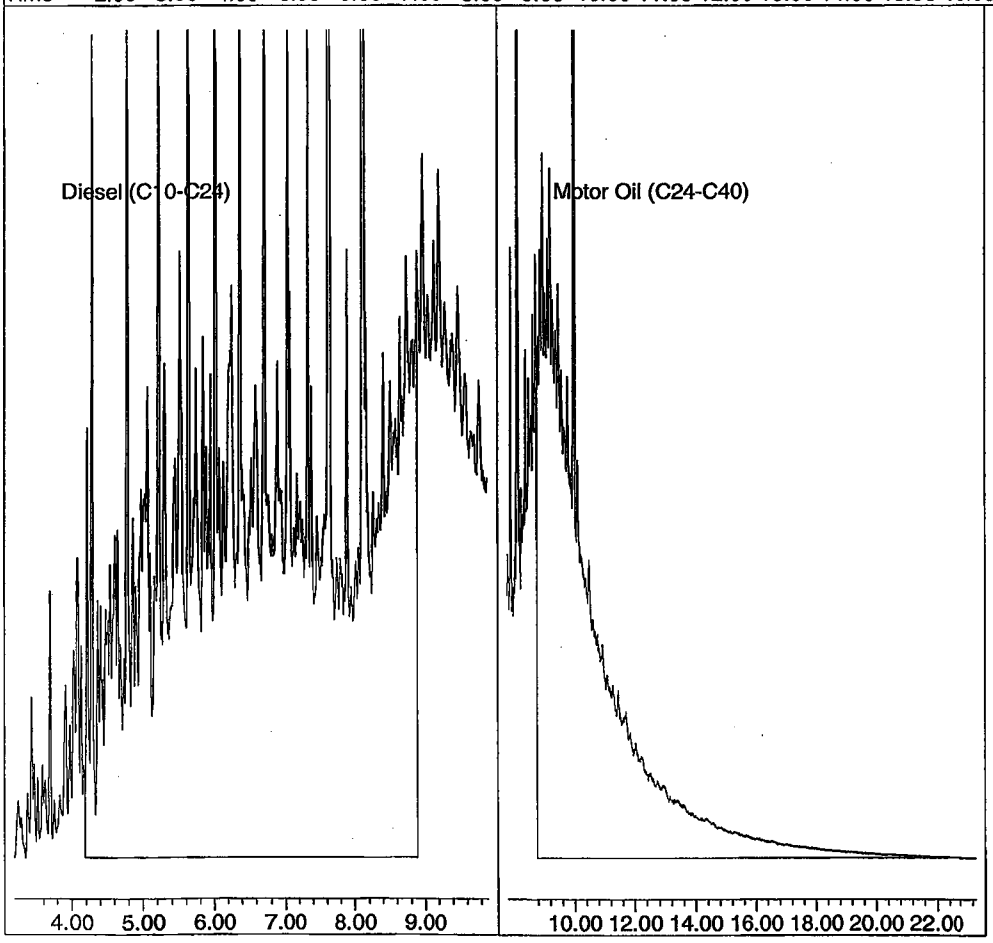
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	362896579	70.038 ppb
Surrogate Spike 30.000		Recovery =	233.46%
4) SA Octacosane(S)	10.00	279638971	72.582 ppb
Surrogate Spike 30.000		Recovery =	241.94%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	5958866170	1475.261 ppb
2) HBTM Motor Oil (C24-C40)	15.55	4398400914	1478.604 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\210830\830009.D
Sample : DMO STD Curve 6





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210830\830010.D Vial: 10
Acq On : 8-30-21 17:14:26 Operator: KA
Sample : DMO STD Curve 7 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 8 12:55 2021 Quant Results File: DOC0830.RES

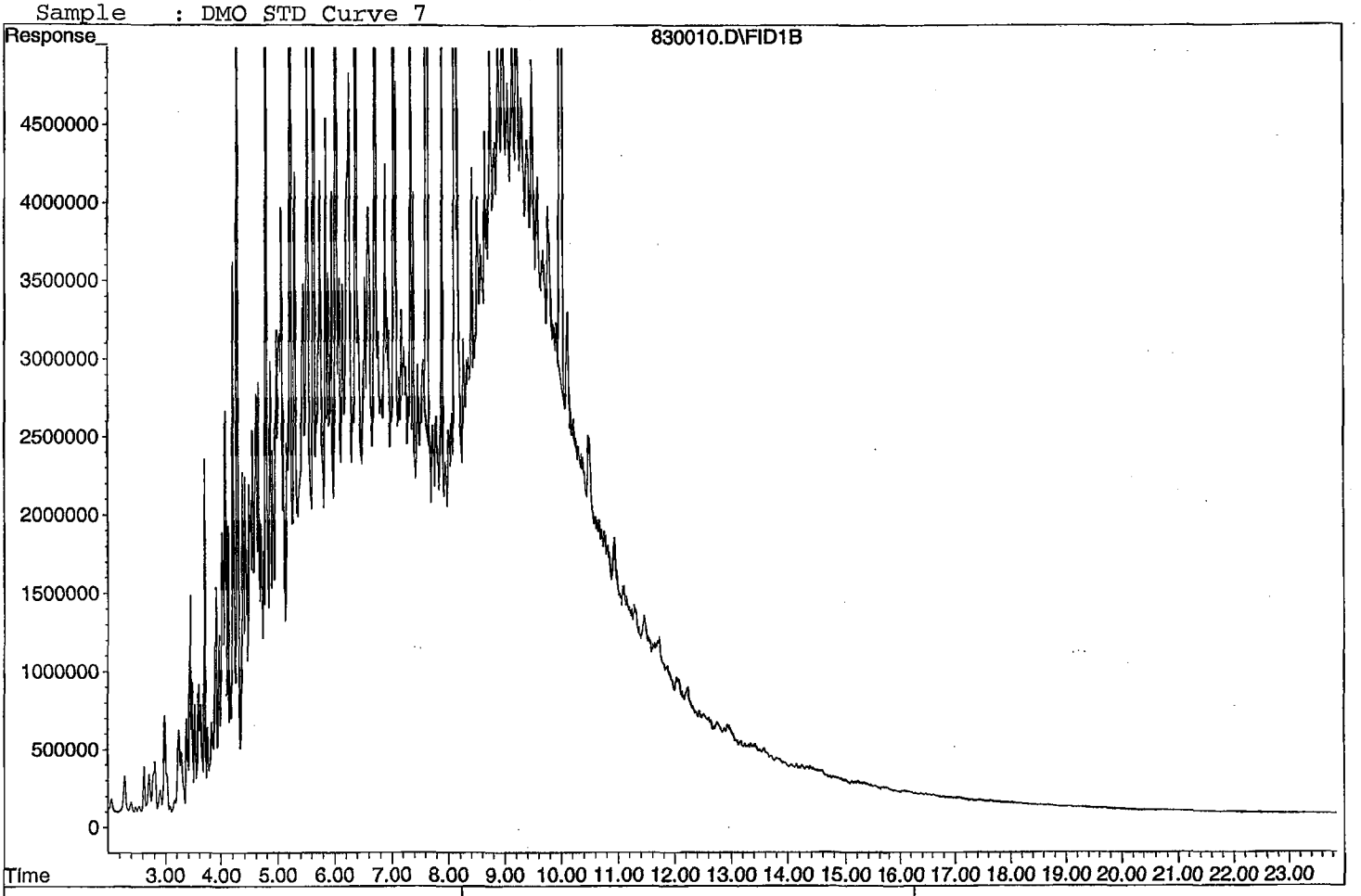
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

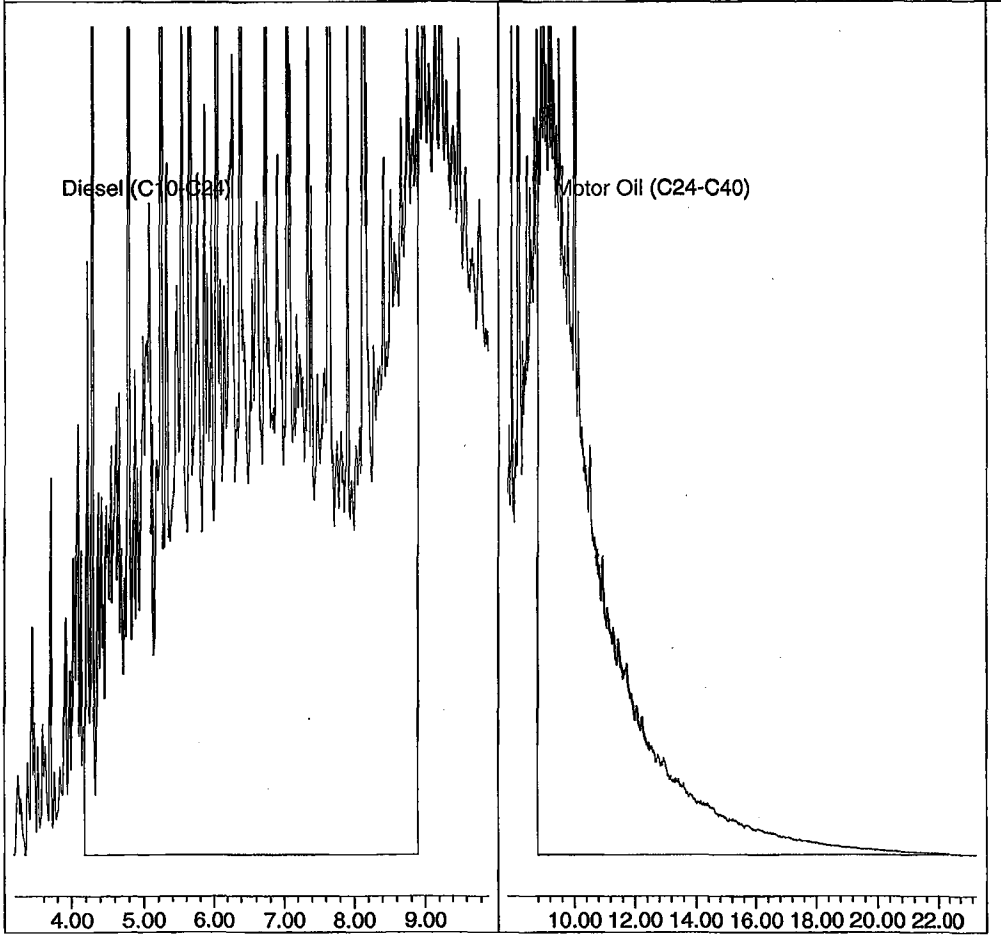
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.64	513272150	99.060 ppb
Surrogate Spike 30.000		Recovery =	330.20%
4) SA Octacosane(S)	10.00	385350648	100.020 ppb
Surrogate Spike 30.000		Recovery =	333.40%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	8322428096	2060.418 ppb
2) HBTM Motor Oil (C24-C40)	15.55	6000685216	2020.183 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File: G:\APOLLO\DATA\210830\830010.D
Sample : DMO STD Curve 7





TPH Extractables
DOC0831

Form 7

Second Source Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: Water

SDG No:
Date Analyzed: 8/30/2021
Instrument: Apollo
Initial Cal. Date: 8/30/2021
Data File: 830011.D

		Compound	MEAN	CCRF	%D		%Drift
1	HATM	Diesel (C10-C24)	2019600	2221630	10	HATM	
2	HBTM	Motor Oil (C24-C40)	2035830	1633780	20	HBTML	7.2
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		Average			15.0		

Quantitation Report (Not Reviewed)

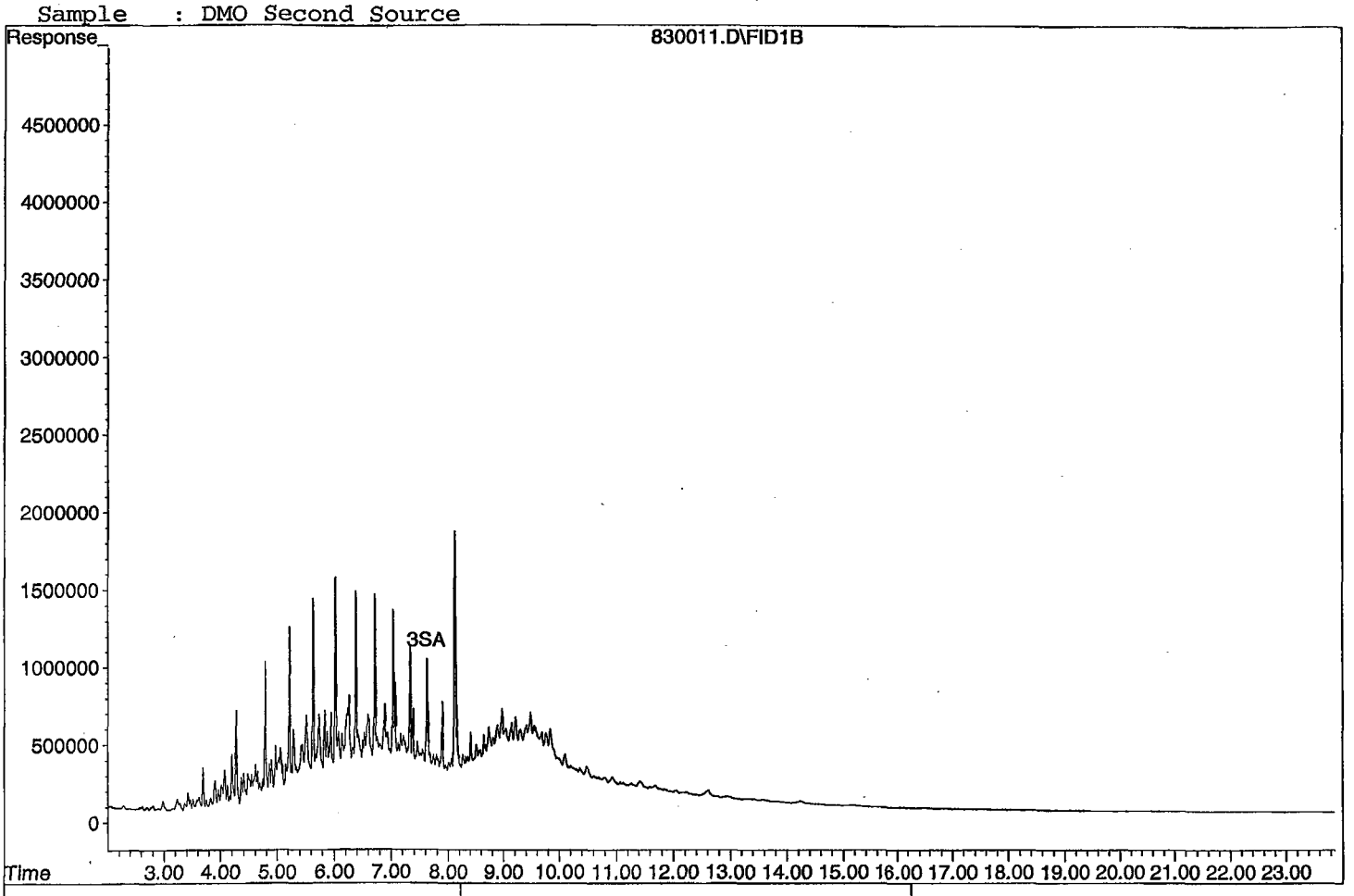
Data File : G:\APOLLO\DATA\210830\830011.D Vial: 11
Acq On : 8-30-21 17:43:02 Operator: KA
Sample : DMO Second Source Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 8 12:55 2021 Quant Results File: DOC0830.RES

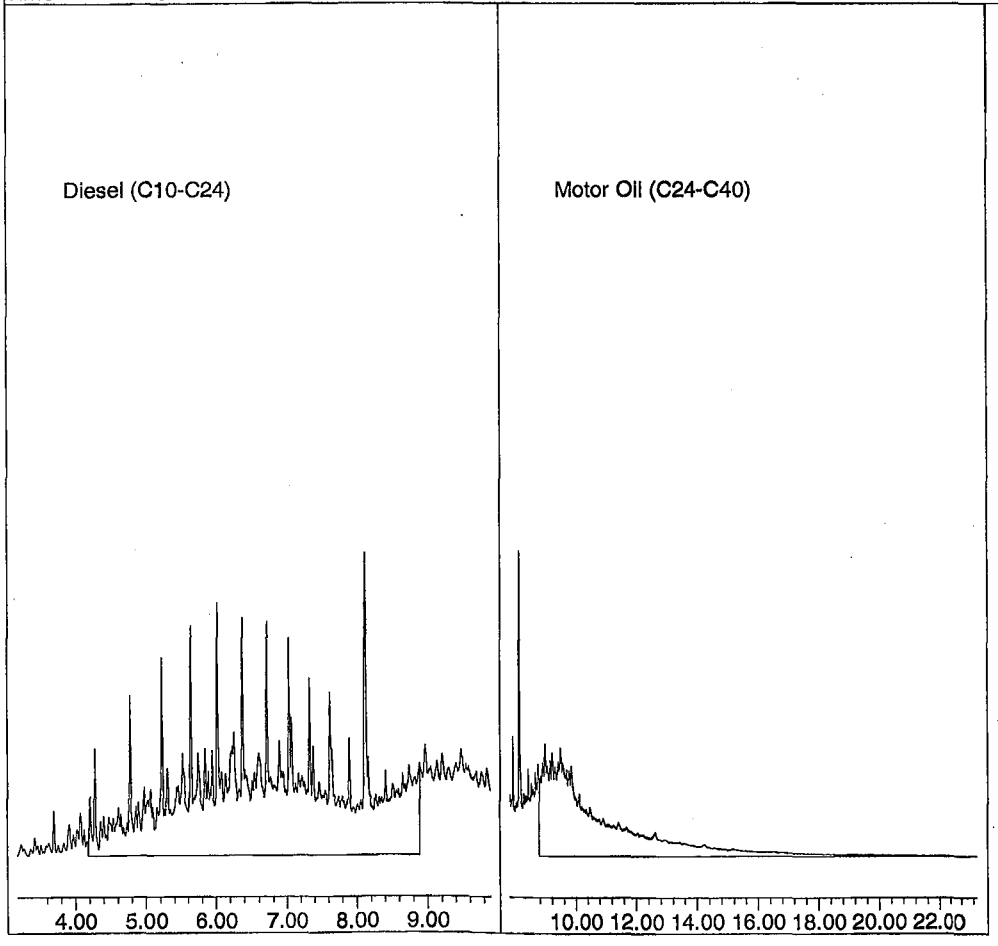
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

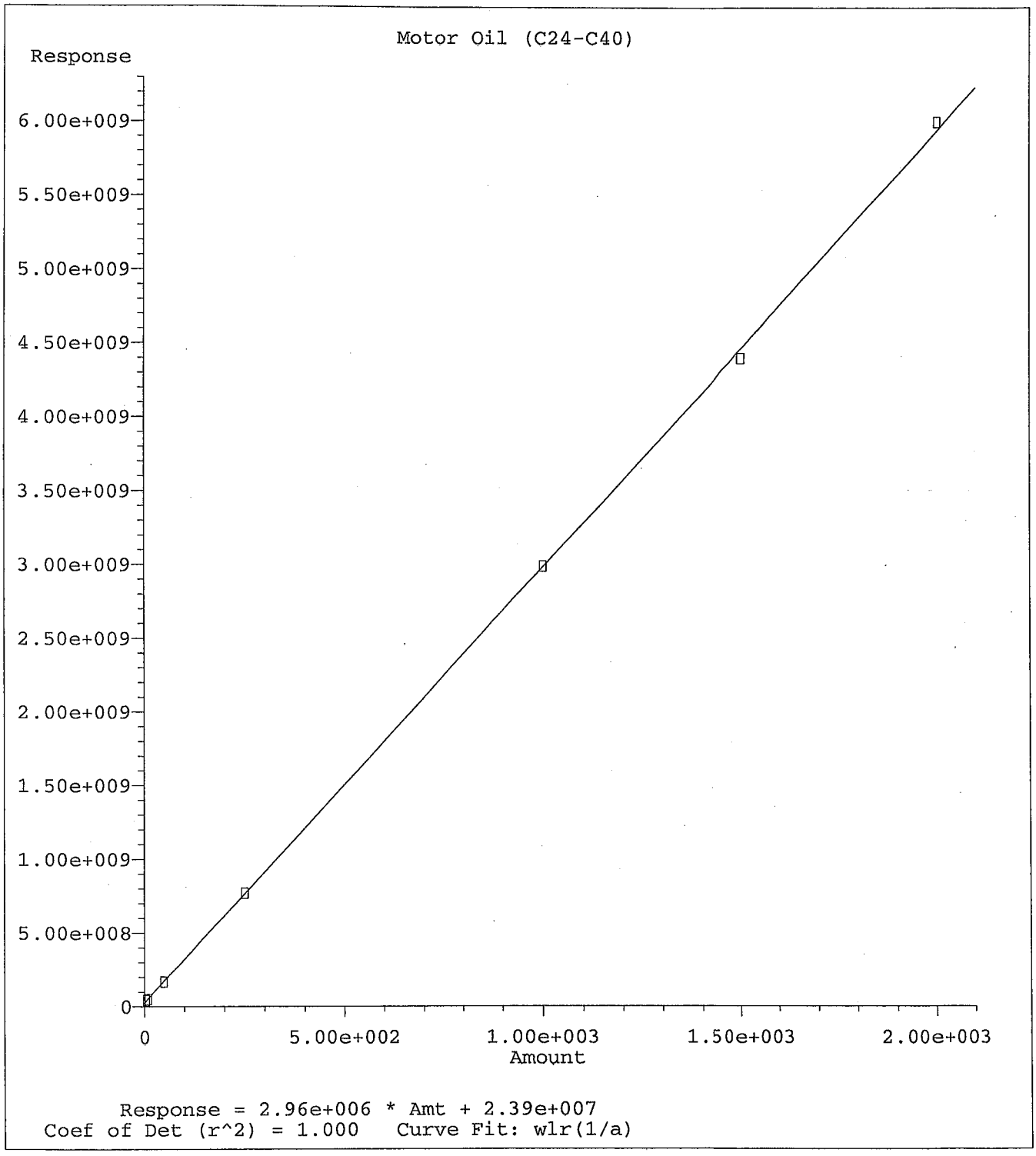
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.62	4475122	0.864 ppb
Surrogate Spike 30.000	Recovery	=	2.88%
4) SA Octacosane(S)	9.98	-56148	N.D. ppb
Surrogate Spike 30.000	Recovery	=	0.00%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	1110816428	275.009 ppb
2) HBTM Motor Oil (C24-C40)	15.55	816892430	268.039 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\210830\830011.D
Sample : DMO Second Source







Method Name: G:\APOLLO\DATA\210830\DOC0830.M
Calibration Table Last Updated: Tue Aug 31 09:20:02 2021

TPH Extractables
DOC0831

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: Water

SDG No:
Date Analyzed: 10/16/2021
Instrument: Apollo
Initial Cal. Date: 8/30/2021
Data File: 1015042.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2019600	1861000	7.9	HATM	
2	HBTM	Motor Oil (C24-C40)	2035830	1292750	37	HBTML	13
3	SA	Ortho-Terphenyl(S)	2590720	2255720	13	SA	
4	SA	Octacosane(S)	1926380	1685620	12	SA	
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		Average			17.5		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211015\1015042.D Vial: 42
Acq On : 10-16-21 9:49:23 Operator: KA
Sample : DMO CCV LVL5 STD Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 15 11:02 2021 Quant Results File: DOC0831.RES

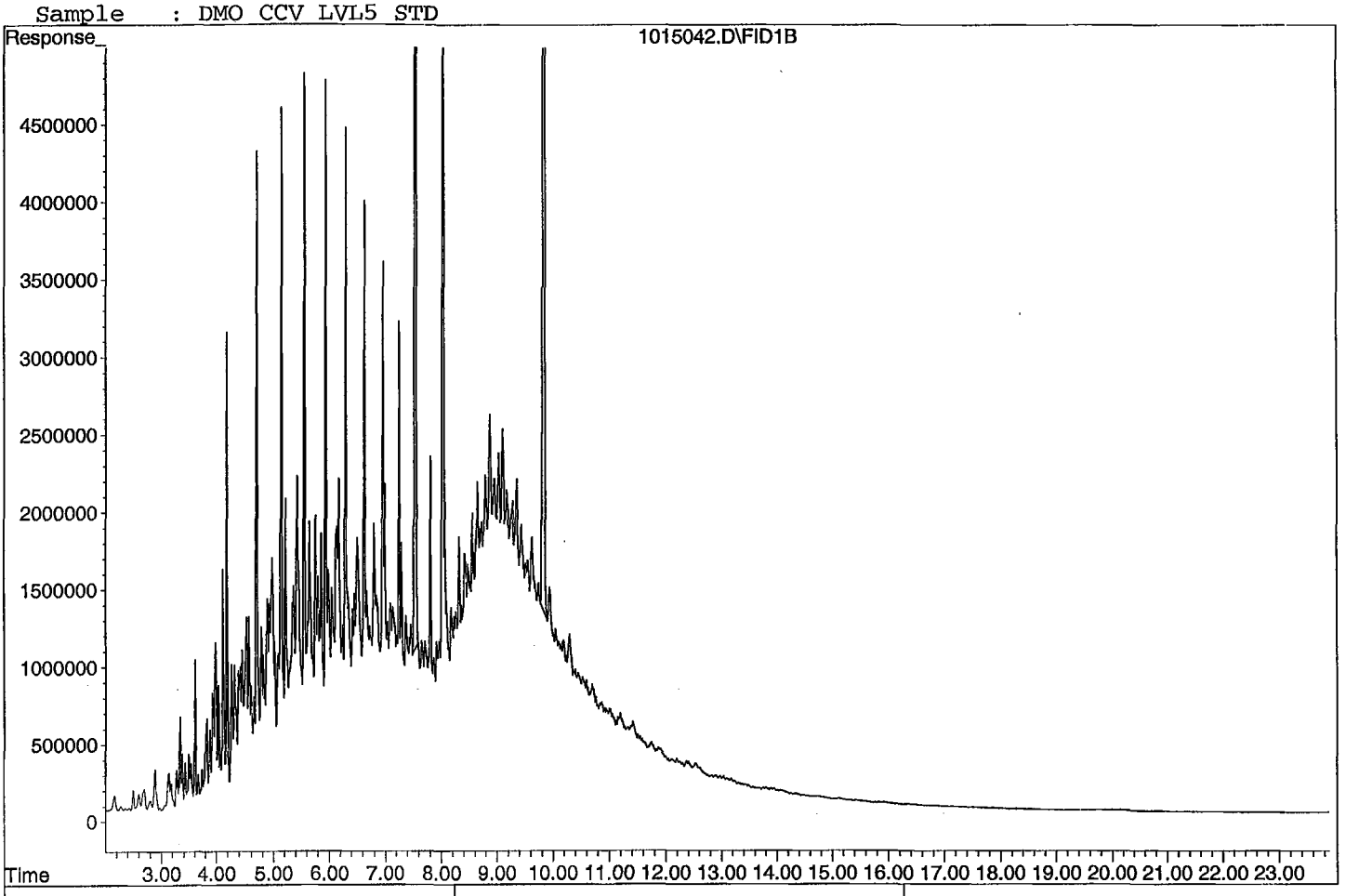
Method : G:\APOLLO\DATA\210830\DOC0831.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 22 10:47:59 2021
Response via : Multiple Level Calibration

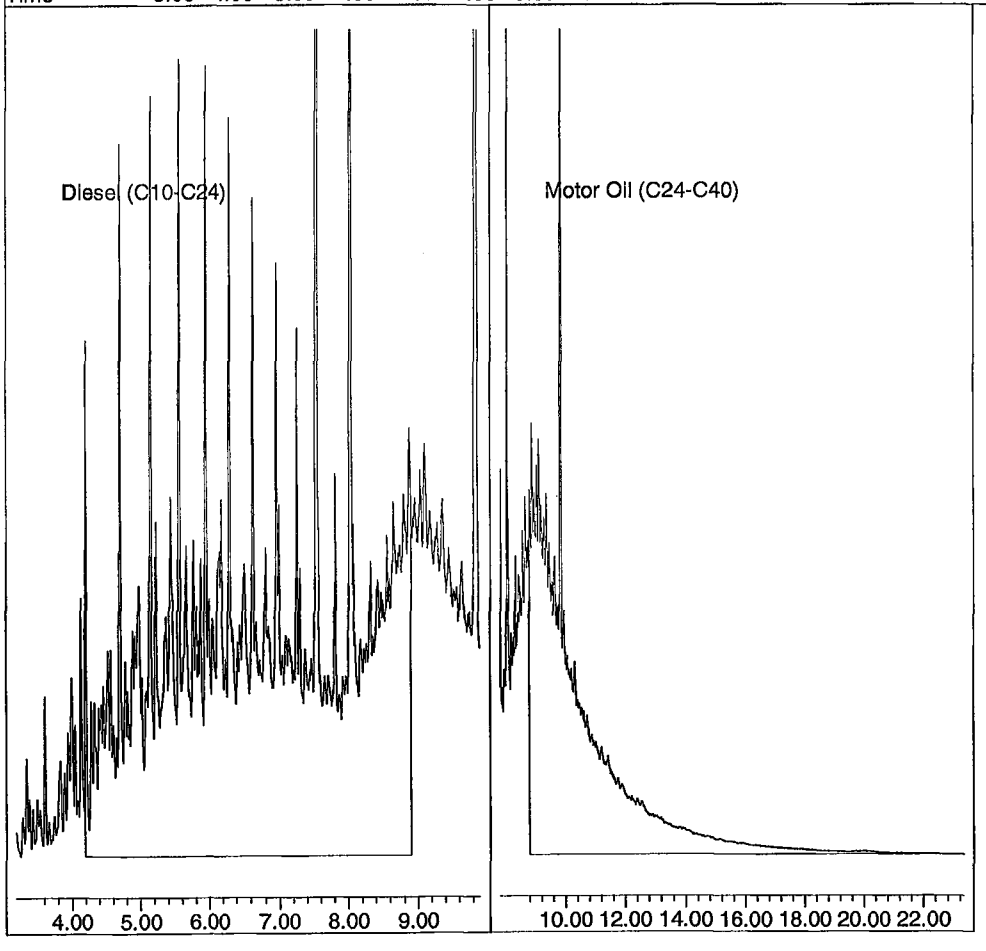
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	225572221	43.535 ppb
Surrogate Spike 30.000	Recovery =	145.12%	
4) SA Octacosane(S)	9.83	168562398	43.751 ppb
Surrogate Spike 30.000	Recovery =	145.84%	
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	3721990622	921.469 ppb
2) HBTM Motor Oil (C24-C40)	15.55	2585493441	865.834 ppb

Target Compounds

Data File: G:\APOLLO\DATA\211015\1015042.D
Sample : DMO CCV LVL5 STD





TPH Extractables
DOC0831

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: Water

SDG No:
Date Analyzed: 10/16/2021
Instrument: Apollo
Initial Cal. Date: 8/30/2021
Data File: 1015057.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2019600	1913760	5.2	HATM	
2	HBTM	Motor Oil (C24-C40)	2035830	1314200	35	HBTML	12
3	SA	Ortho-Terphenyl(S)	2590720	2334720	9.9	SA	
4	SA	Octacosane(S)	1926380	1737000	9.8	SA	
5							
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38							
39							
40							
		Average			15.0		

Quantitation Report (Not Reviewed)

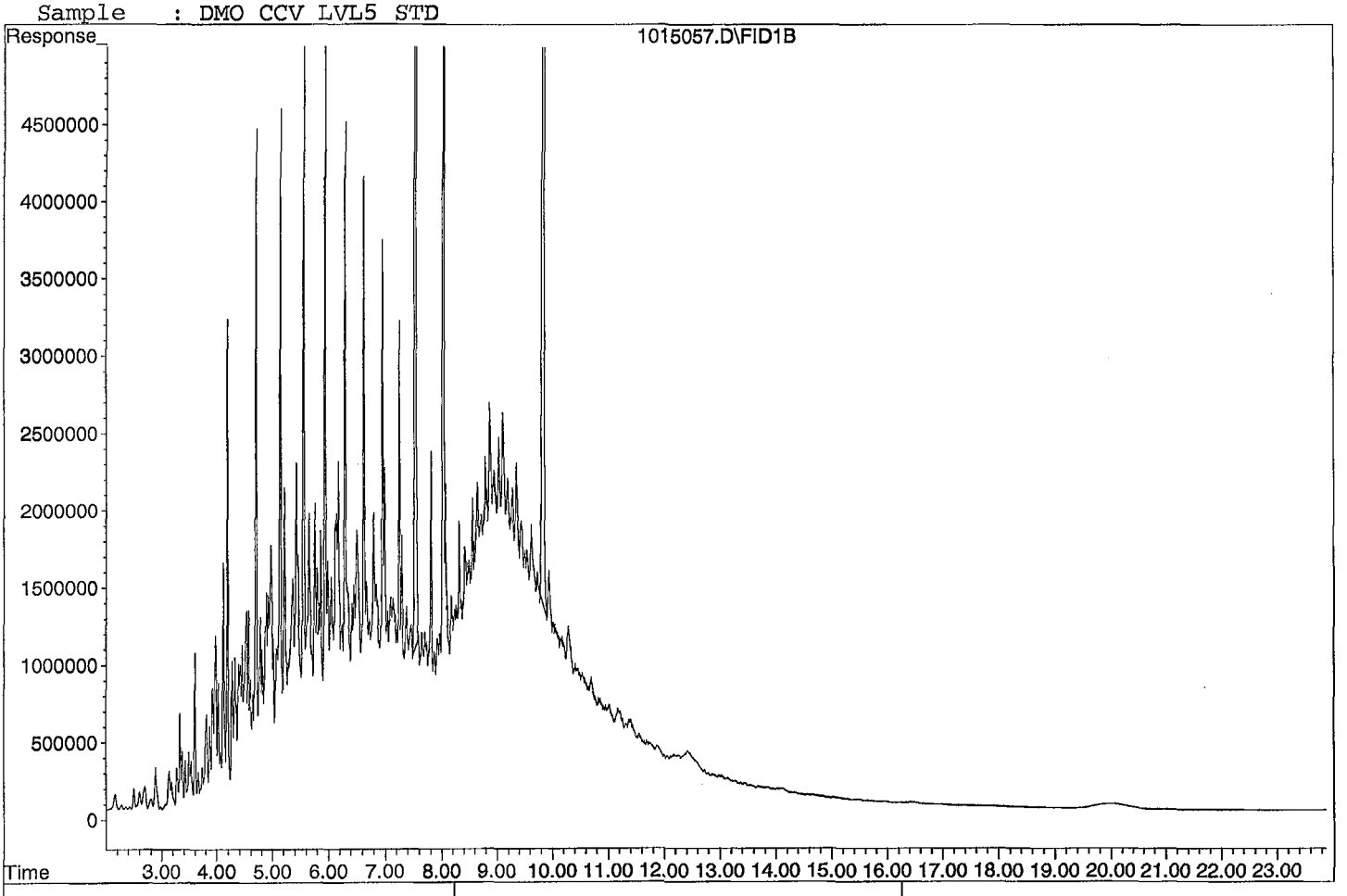
Data File : G:\APOLLO\DATA\211015\1015057.D Vial: 57
Acq On : 10-16-21 16:53:19 Operator: KA
Sample : DMO CCV LVL5 STD Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 22 9:41 2021 Quant Results File: DOC0831.RES

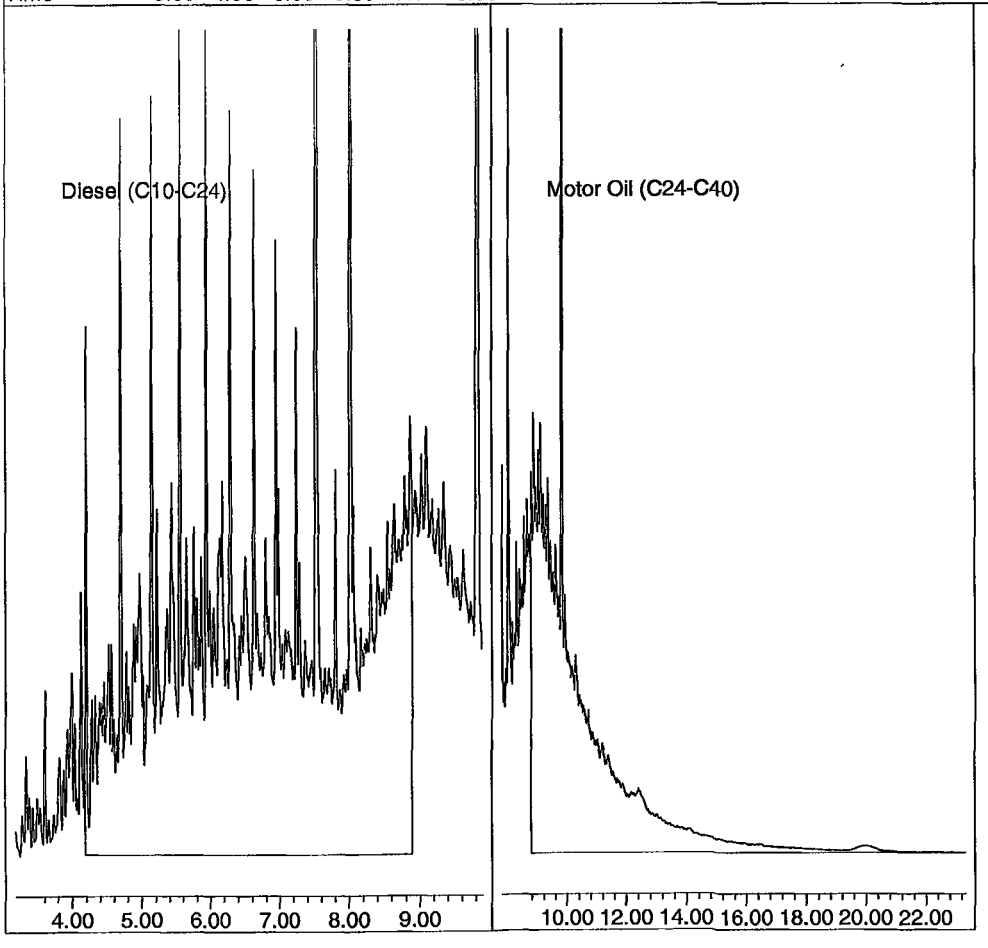
Method : G:\APOLLO\DATA\210830\DOC0831.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 22 10:47:59 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	233472254	45.059 ppb
Surrogate Spike 30.000		Recovery =	150.20%
4) SA Octacosane(S)	9.83	173700451	45.085 ppb
Surrogate Spike 30.000		Recovery =	150.28%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	3827515369	947.594 ppb
2) HBTM Motor Oil (C24-C40)	15.55	2628406384	880.338 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\211015\1015057.D
Sample : DMO CCV LVL5 STD





TPH Extractables
DOC0831

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: Water

SDG No:
Date Analyzed: 10/16/2021
Instrument: Apollo
Initial Cal. Date: 8/30/2021
Data File: 1015065.D

		Compound	MEAN	CCRF	%D		%Drift
1	HATM	Diesel (C10-C24)	2019600	2059600	2.0	HATM	
2	HBTM	Motor Oil (C24-C40)	2035830	1393320	32	HBTML	6.6
3	SA	Ortho-Terphenyl(S)	2590720	2572070	0.72	SA	
4	SA	Octacosane(S)	1926380	1873000	2.8	SA	
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40							
		Average			9.4		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211015\1015065.D Vial: 65
Acq On : 10-16-21 20:39:51 Operator: KA
Sample : DMO CCV LVL5 STD Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 15 11:04 2021 Quant Results File: DOC0831.RES

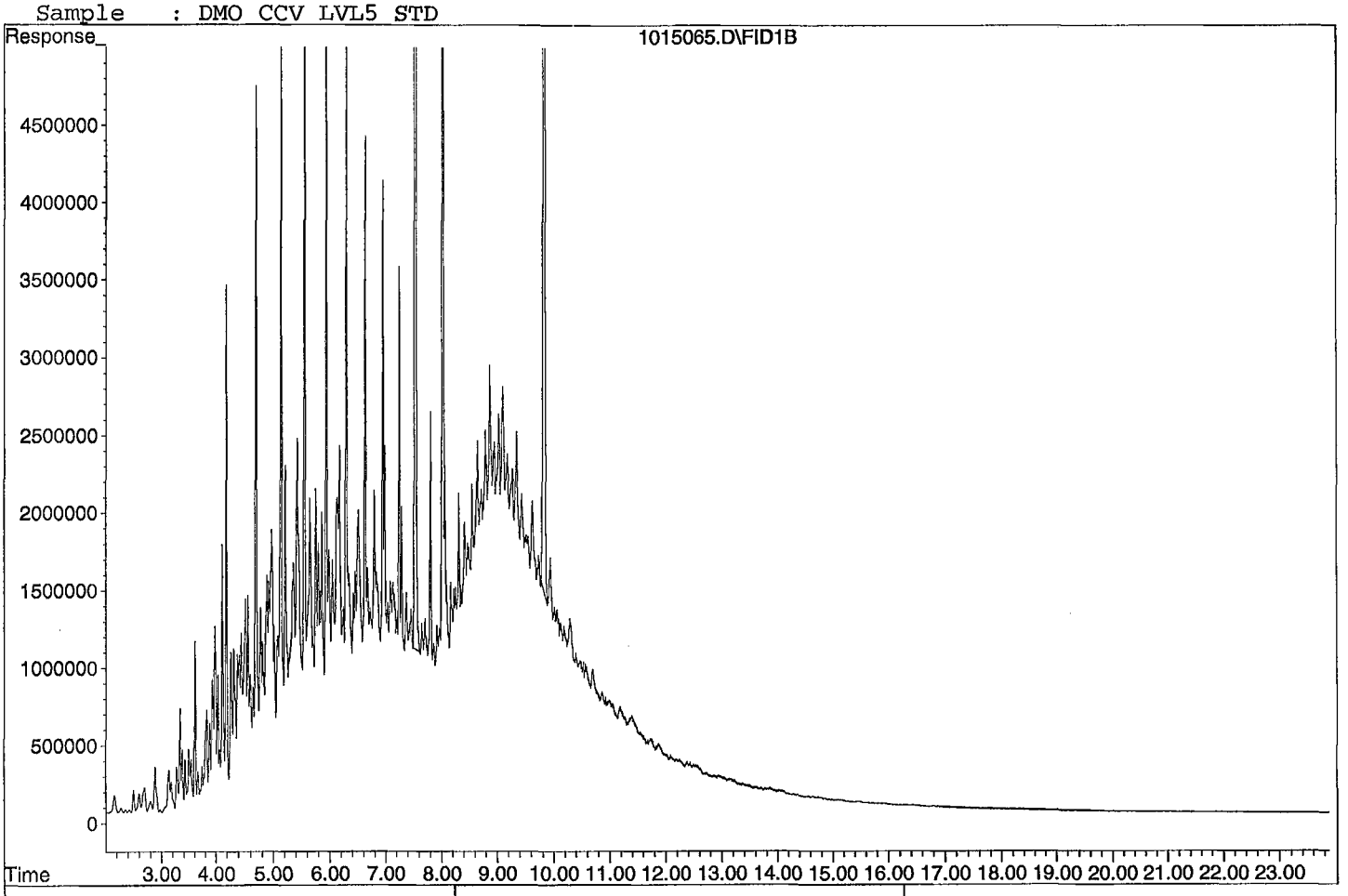
Method : G:\APOLLO\DATA\210830\DOC0831.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 22 10:47:59 2021
Response via : Multiple Level Calibration

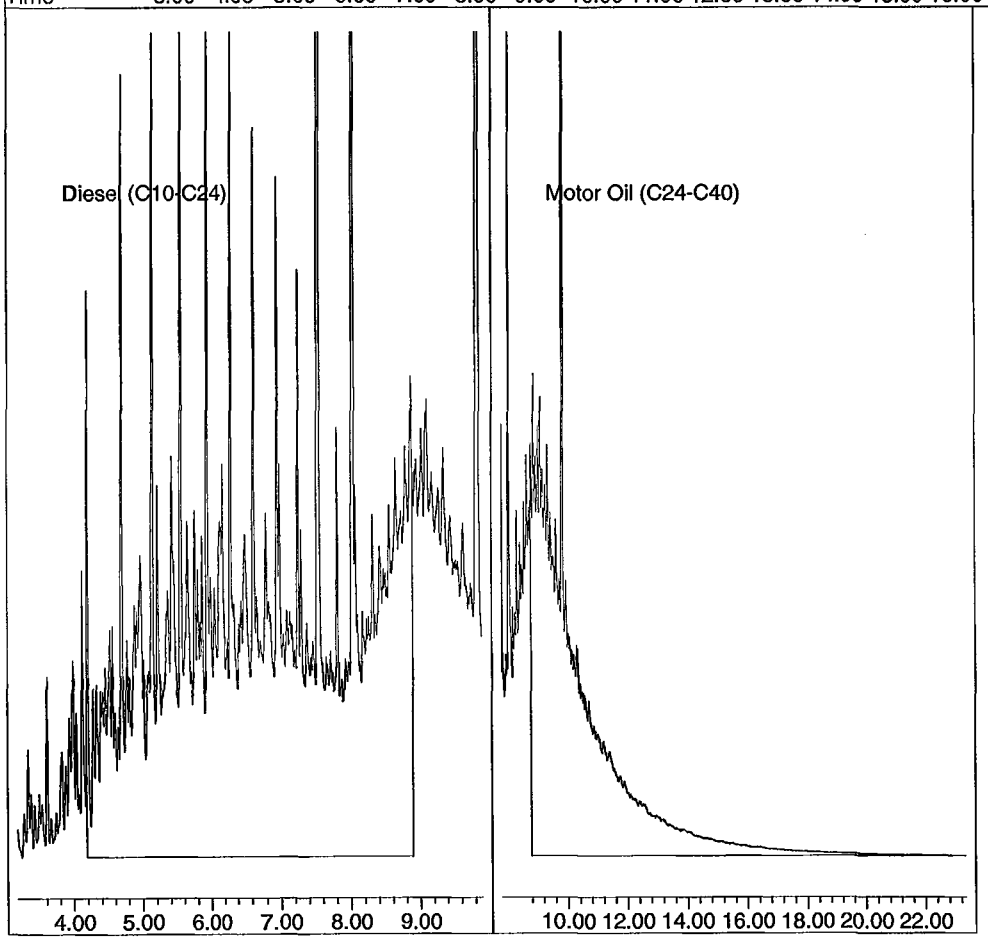
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	257207234	49.640 ppb
Surrogate Spike 30.000		Recovery =	165.47%
4) SA Octacosane(S)	9.83	187299840	48.615 ppb
Surrogate Spike 30.000		Recovery =	162.05%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	4119203966	1019.809 ppb
2) HBTM Motor Oil (C24-C40)	15.55	2786645992	933.824 ppb
Target Compounds			

Quantitation Report

Data File: G:\APOLLO\DATA\211015\1015065.D
Sample : DMO CCV LVL5 STD





ORGANICS
Raw Data

Quantitation Report (QT Reviewed)

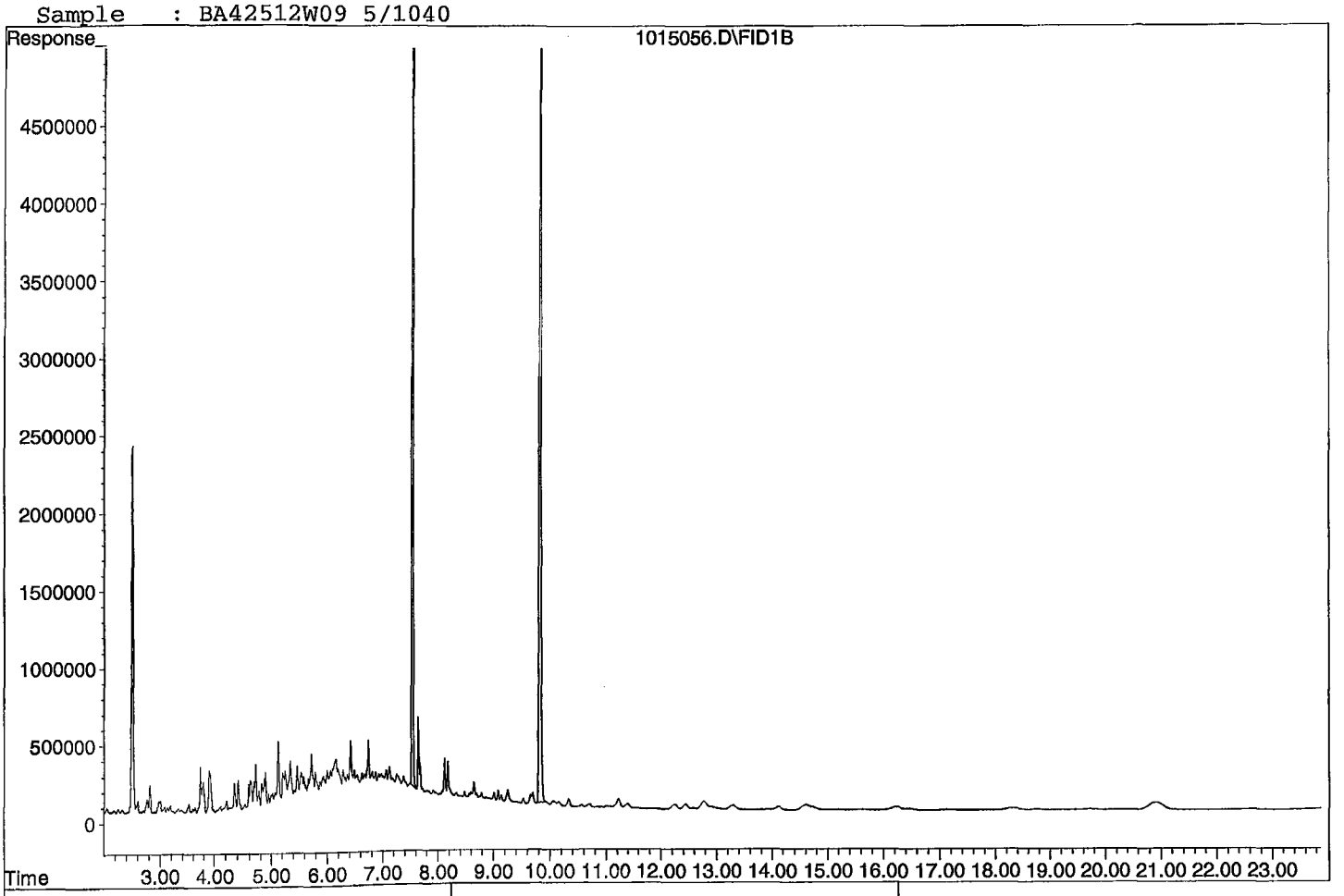
Data File : G:\APOLLO\DATA\211015\1015056.D Vial: 56
Acq On : 10-16-21 16:25:09 Operator: KA
Sample : BA42512W09 5/1040 Inst : Apollo
Misc : water Multiplr: 4.81
IntFile : events.e
Quant Time: Nov 15 17:46 2021 Quant Results File: DOC0831.RES

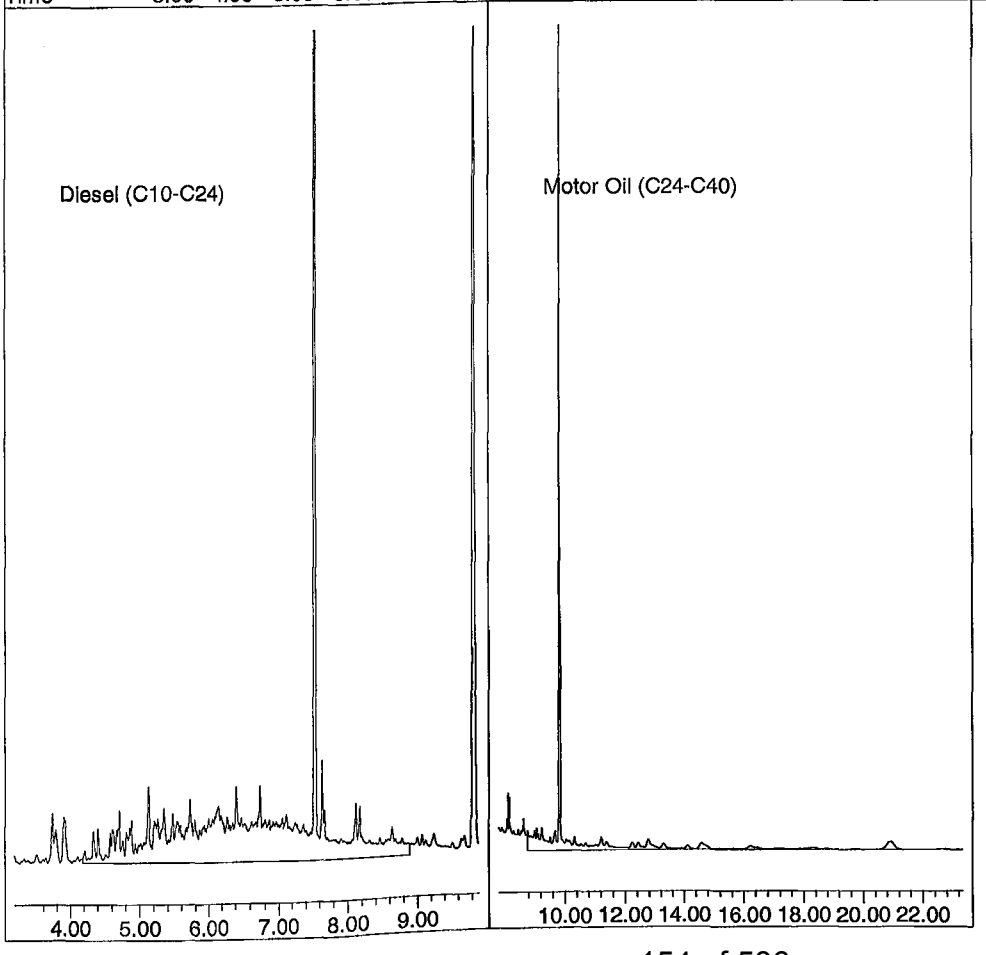
Method : G:\APOLLO\DATA\210830\DOC0831.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 22 10:47:59 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	132181986	122.648 ppb
Surrogate Spike 144.231		Recovery =	85.04%
4) SA Octacosane(S)	9.82	120715231	150.635 ppb
Surrogate Spike 144.231		Recovery =	104.44%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	467766154	556.763 ppb
2) HBTM Motor Oil (C24-C40)	15.55	155664345	214.138 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\211015\1015056.D
Sample : BA42512W09 5/1040





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211015\1015058.D Vial: 58
Acq On : 10-16-21 17:21:41 Operator: KA
Sample : BA42514W09 5/1040 Inst : Apollo
Misc : water Multiplr: 4.81
IntFile : events.e
Quant Time: Nov 15 17:47 2021 Quant Results File: DOC0831.RES

Method : G:\APOLLO\DATA\210830\DOC0831.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 22 10:47:59 2021
Response via : Multiple Level Calibration

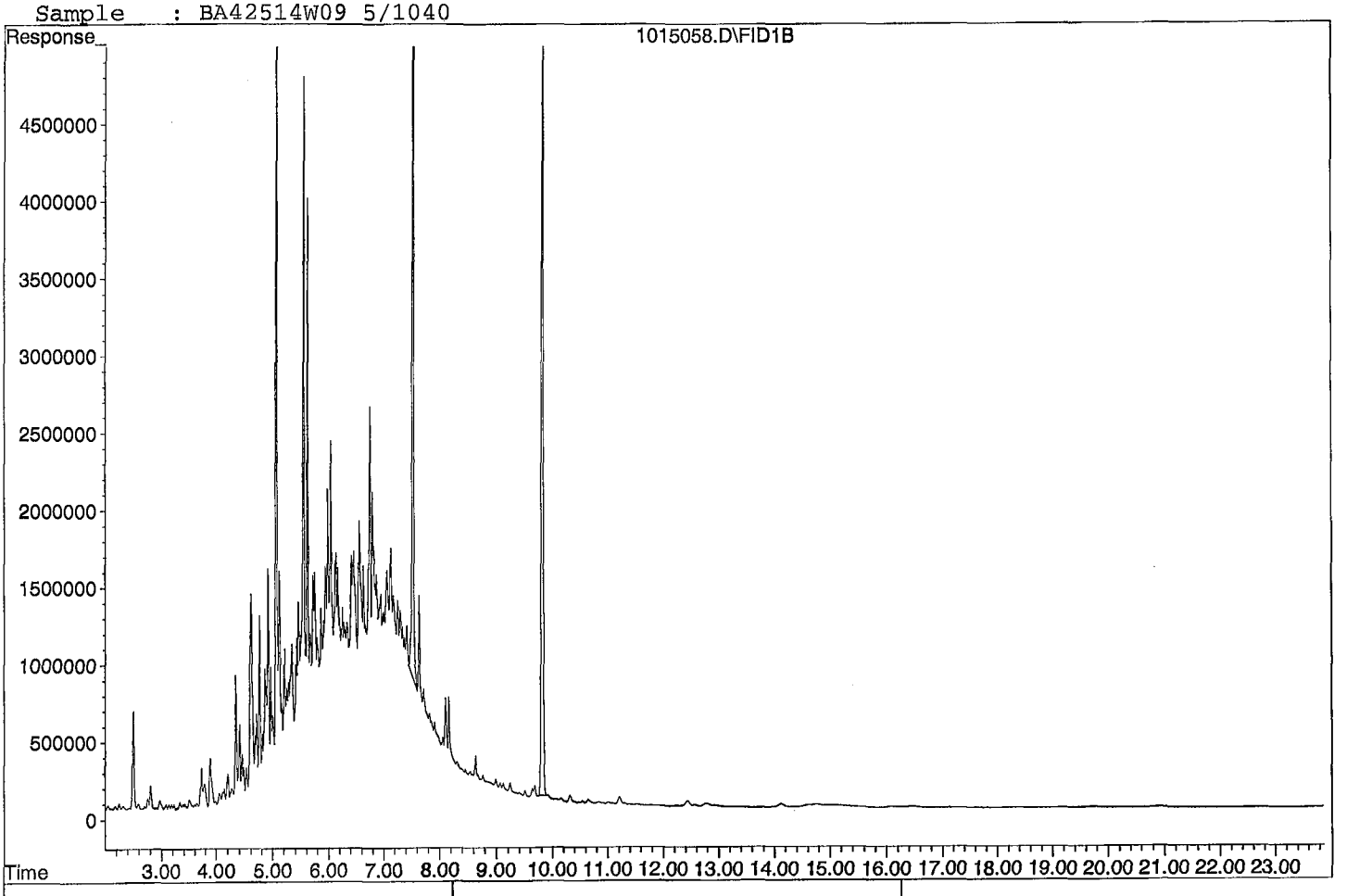
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

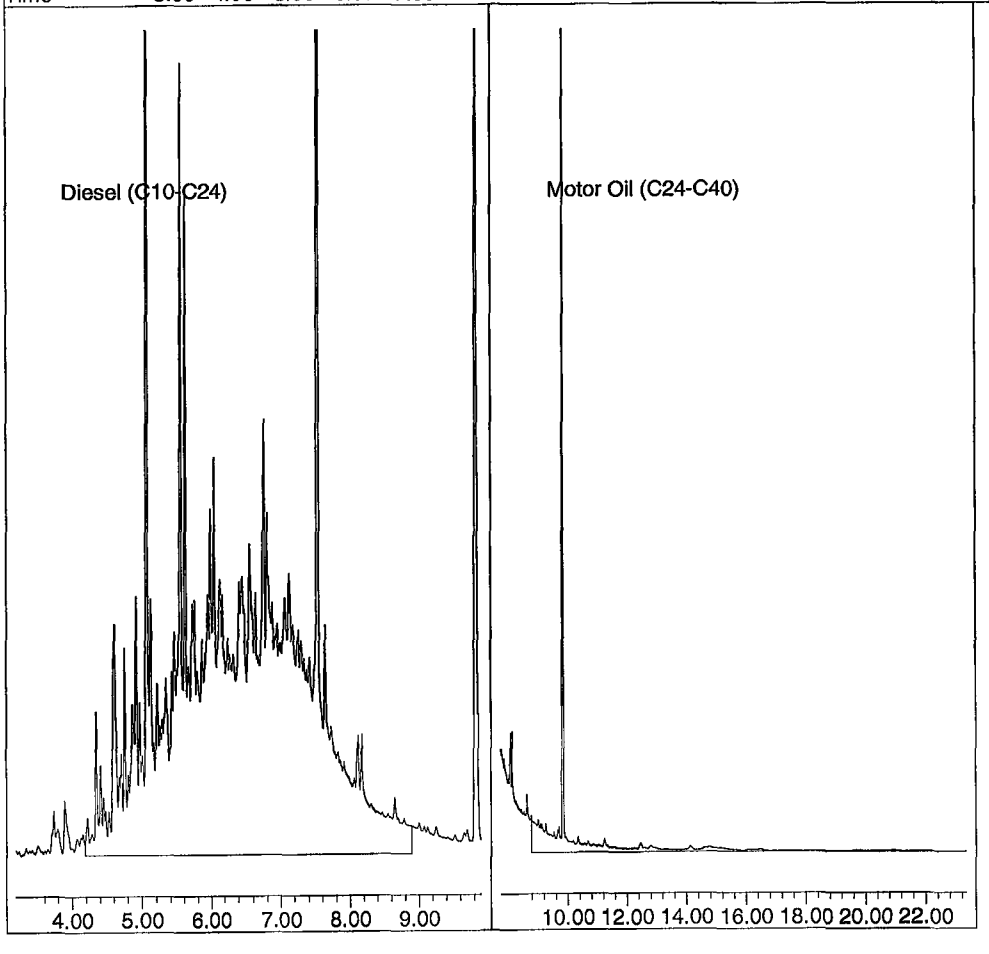
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	140167496	130.057 ppb
Surrogate Spike 144.231		Recovery =	90.17%
4) SA Octacosane(S)	9.82	117736157	146.918 ppb
Surrogate Spike 144.231		Recovery =	101.86%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	2534650922	3016.894 ppb
2) HBTM Motor Oil (C24-C40)	15.55	203593660	292.024 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data File: G:\APOLLO\DATA\211015\1015058.D
Sample : BA42514W09 5/1040





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211015\1015059.D Vial: 59
Acq On : 10-16-21 17:50:02 Operator: KA
Sample : BA42516W09 5/1040 Inst : Apollo
Misc : water Multiplr: 4.81
IntFile : events.e
Quant Time: Nov 15 17:48 2021 Quant Results File: DOC0831.RES

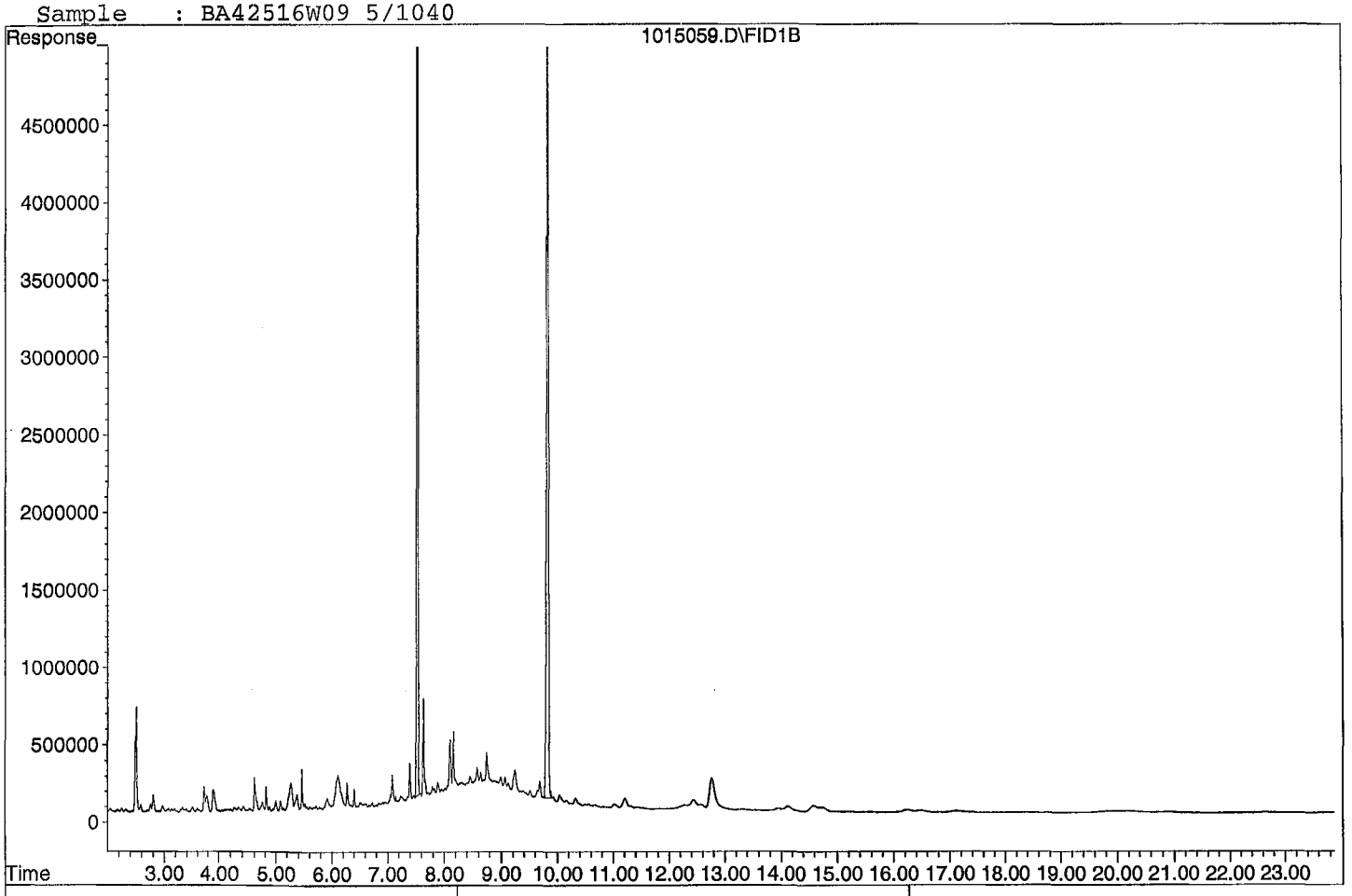
Method : G:\APOLLO\DATA\210830\DOC0831.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 22 10:47:59 2021
Response via : Multiple Level Calibration

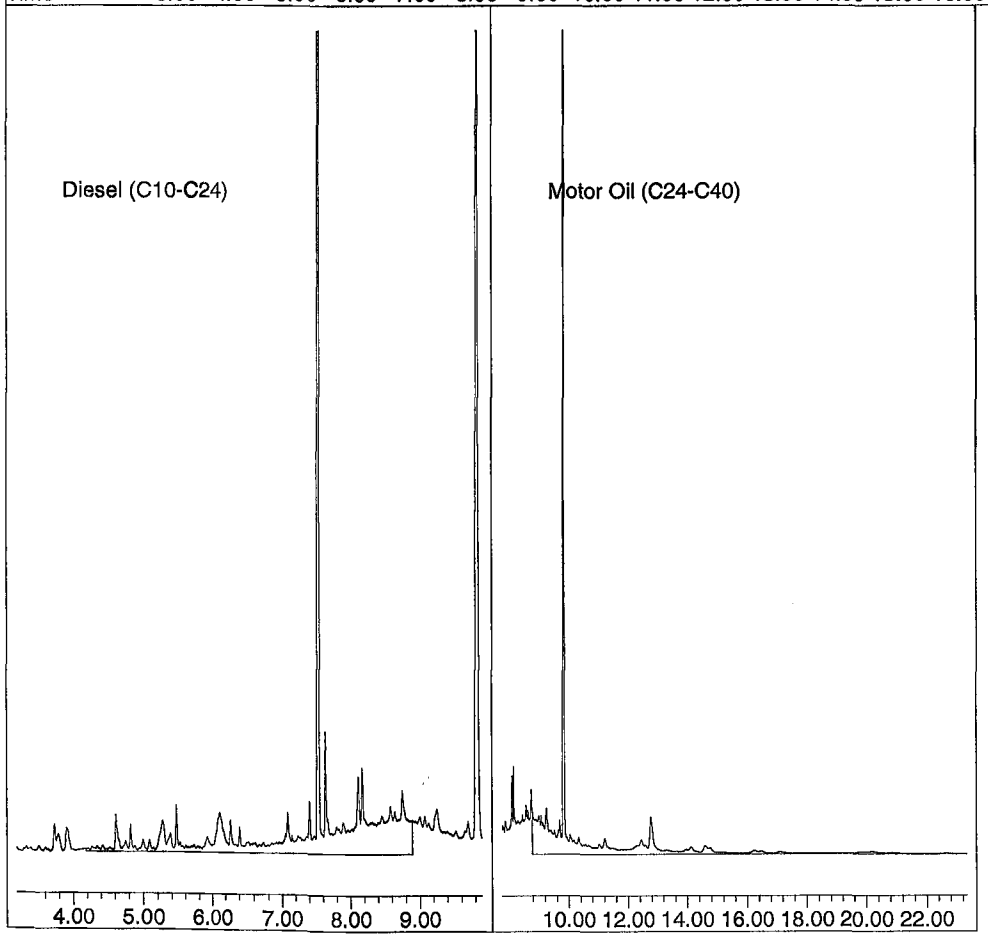
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	135075732	125.333 ppb
Surrogate Spike 144.231		Recovery =	86.90%
4) SA Octacosane(S)	9.82	121778781	151.963 ppb
Surrogate Spike 144.231		Recovery =	105.36%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	294921628	351.033 ppb
2) HBTM Motor Oil (C24-C40)	15.55	277592452	412.273 ppb

Target Compounds

Data File: G:\APOLLO\DATA\211015\1015059.D
Sample : BA42516W09 5/1040





Quantitation Report (QT Reviewed)

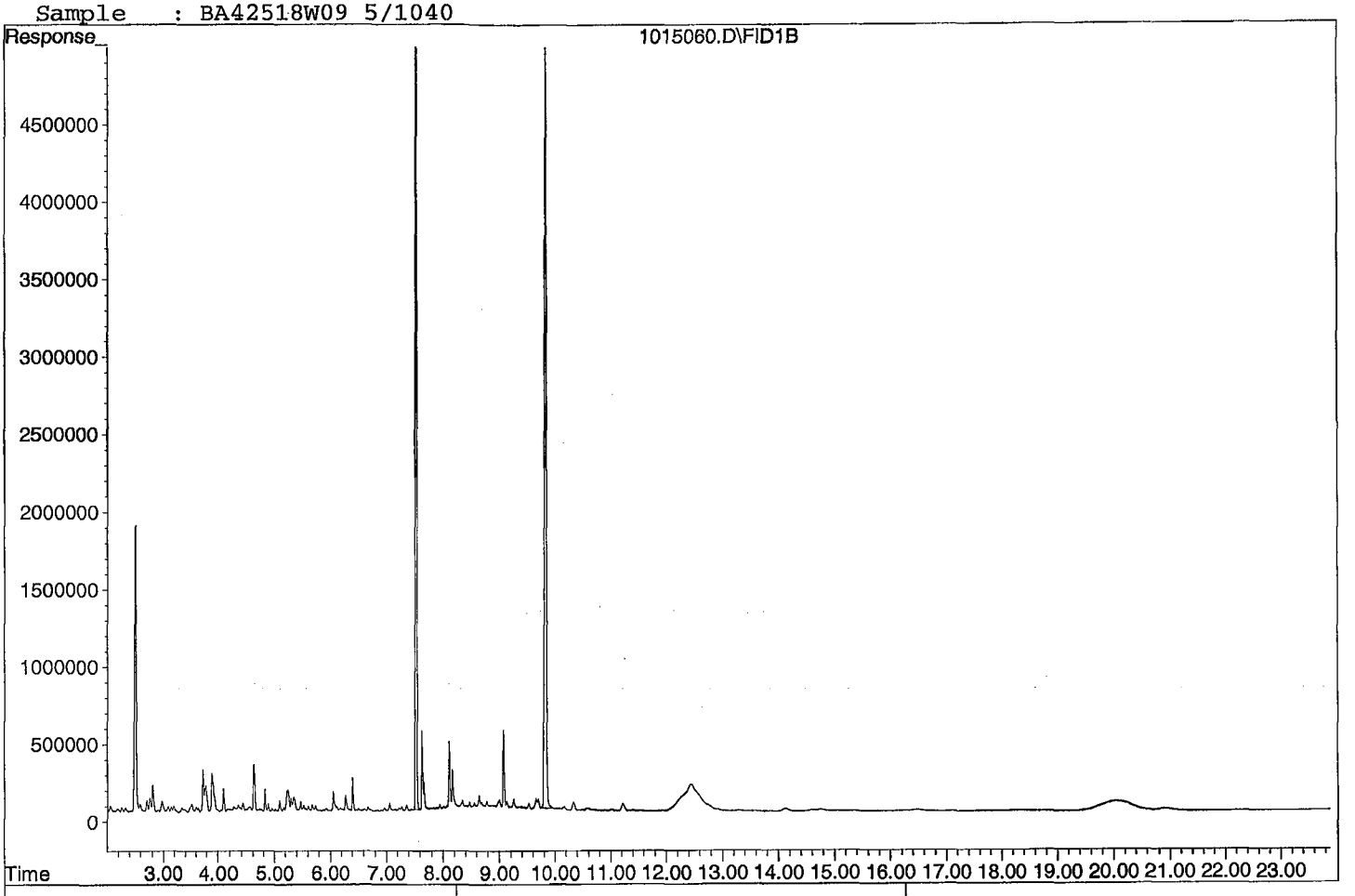
Data File : G:\APOLLO\DATA\211015\1015060.D Vial: 60
Acq On : 10-16-21 18:18:14 Operator: KA
Sample : BA42518W09 5/1040 Inst : Apollo
Misc : water Multiplr: 4.81
IntFile : events.e
Quant Time: Nov 15 17:49 2021 Quant Results File: DOC0831.RES

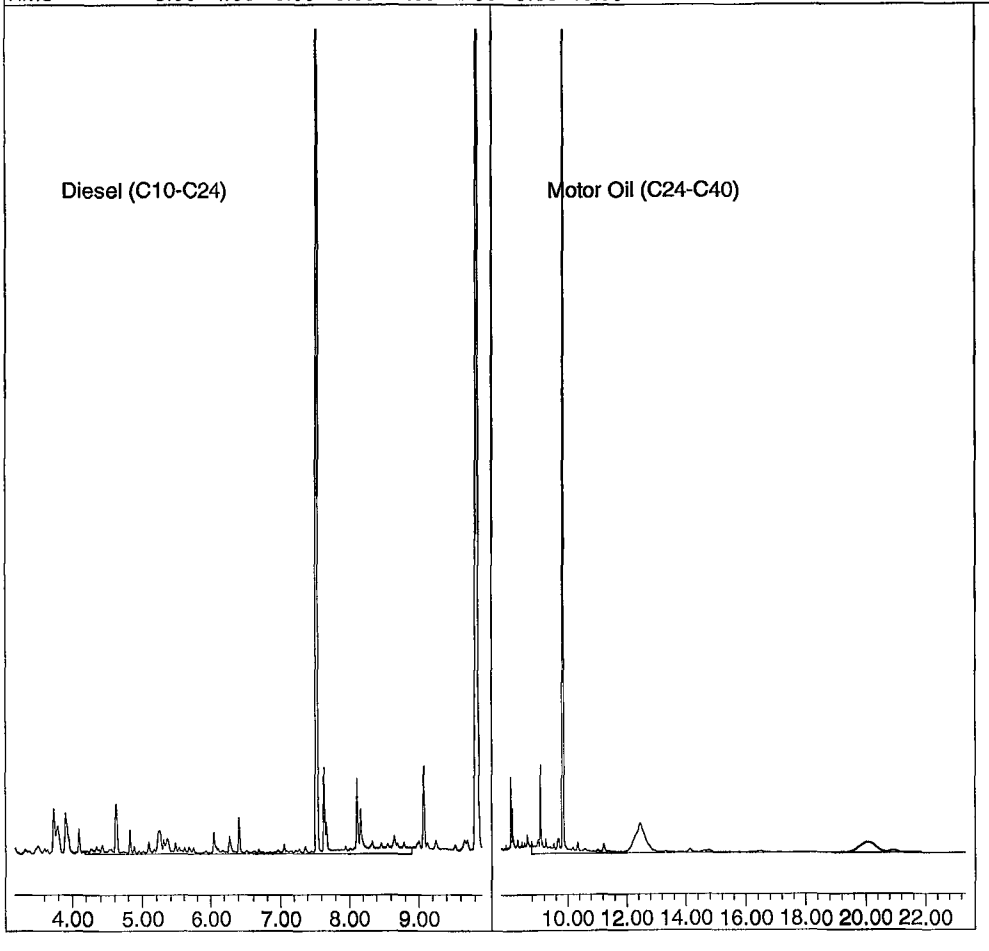
Method : G:\APOLLO\DATA\210830\DOC0831.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 22 10:47:59 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	129979505	120.604 ppb
Surrogate Spike 144.231		Recovery =	83.62%
4) SA Octacosane(S)	9.82	119279447	148.844 ppb
Surrogate Spike 144.231		Recovery =	103.20%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	101140028	120.383 ppb
2) HBTM Motor Oil (C24-C40)	15.55	160953878	222.733 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\211015\1015060.D
Sample : BA42518W09 5/1040





Quantitation Report (QT Reviewed)

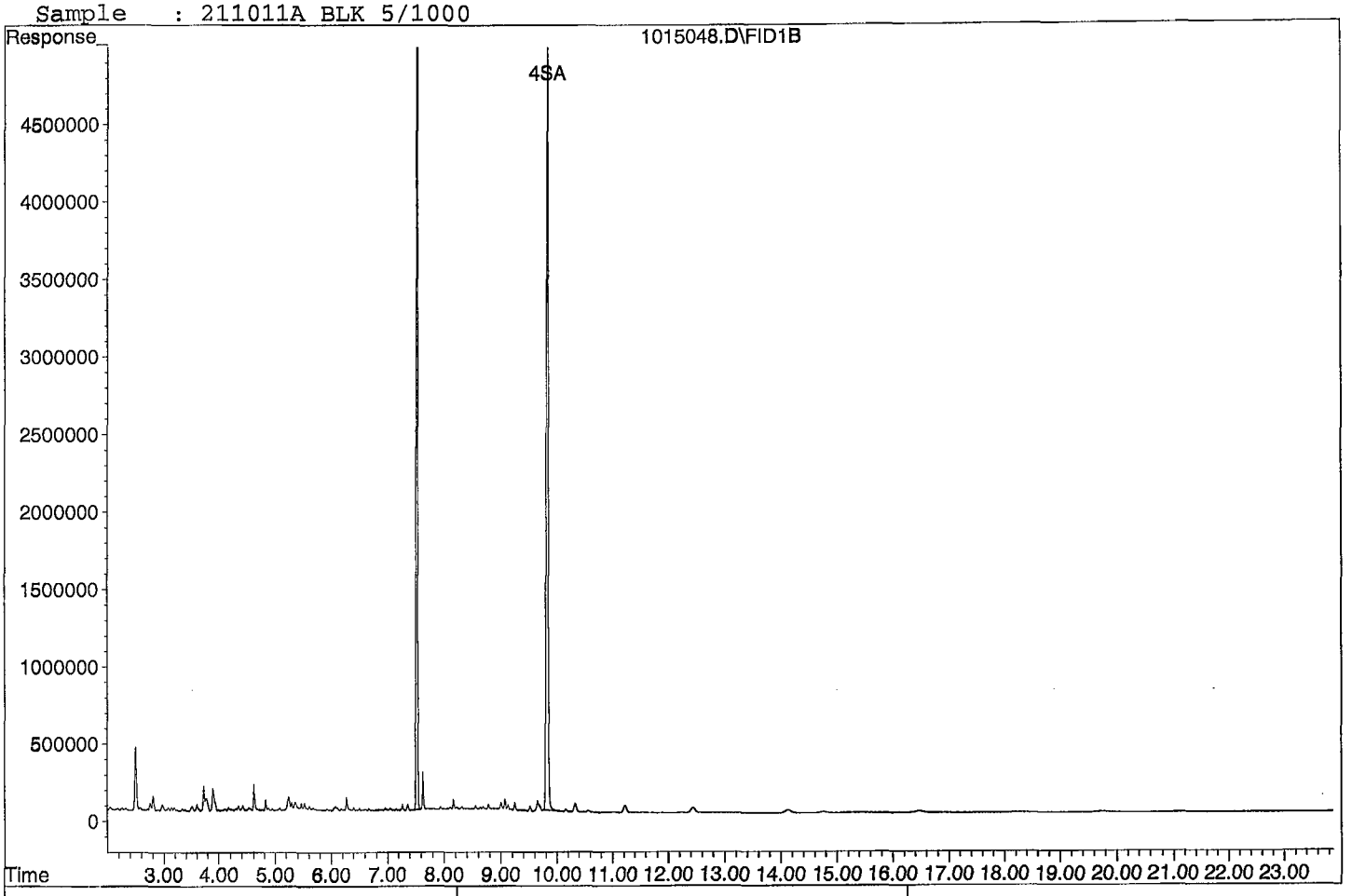
Data File : G:\APOLLO\DATA\211015\1015048.D Vial: 48
Acq On : 10-16-21 12:38:58 Operator: KA
Sample : 211011A BLK 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 15 17:36 2021 Quant Results File: DOC0831.RES

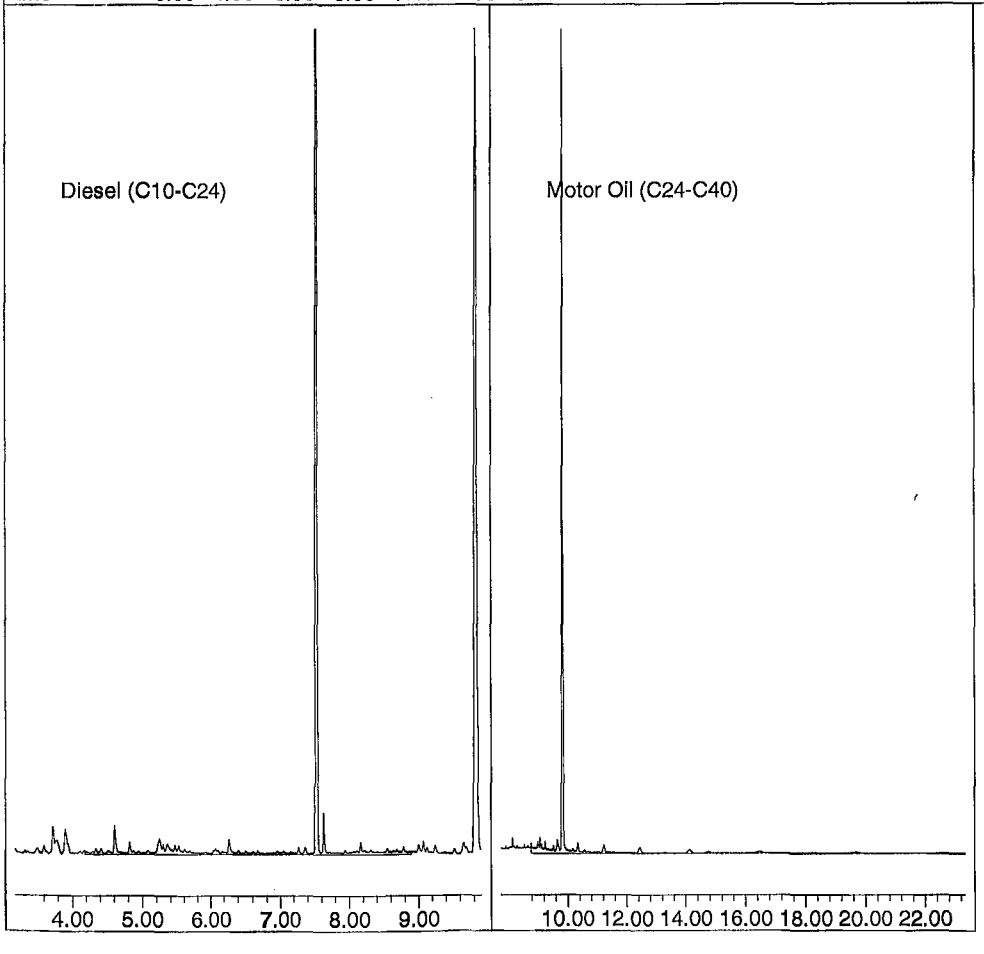
Method : G:\APOLLO\DATA\210830\DOC0831.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 22 10:47:59 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	130533114	125.962 ppb
Surrogate Spike 150.000		Recovery =	83.97%
4) SA Octacosane(S)	9.82	114991267	149.233 ppb
Surrogate Spike 150.000		Recovery =	99.49%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	55913959	69.214 ppb
2) HBTM Motor Oil (C24-C40)	15.55	63090849	66.252 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\211015\1015048.D
Sample : 211011A BLK 5/1000





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211015\1015049.D
Acq On : 10-16-21 13:07:18
Sample : 211011A LCS-1 5/1000
Misc : water
IntFile : events.e
Quant Time: Nov 15 17:37 2021 Quant Results File: DOC0831.RES

Vial: 49
Operator: KA
Inst : Apollo
Multiplr: 5.00

Method : G:\APOLLO\DATA\210830\DOC0831.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 22 10:47:59 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

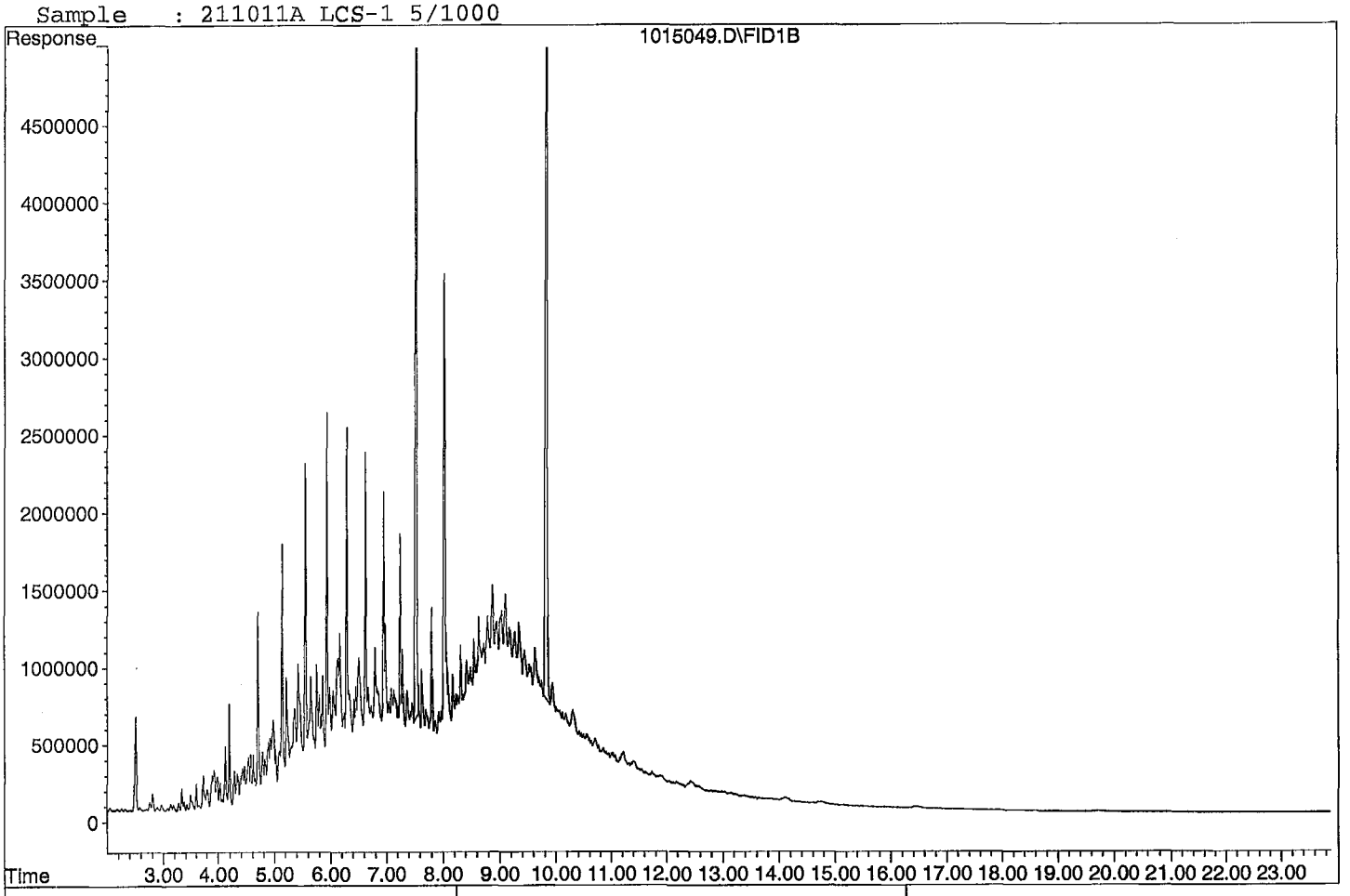
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	158139494	152.602 ppb
Surrogate Spike 150.000		Recovery =	101.73%
4) SA Octacosane(S)	9.83	124228156	161.220 ppb
Surrogate Spike 150.000		Recovery =	107.48%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	1952312706	2416.711 ppb
2) HBTM Motor Oil (C24-C40)	15.55	1514287630	2518.807 ppb
Target Compounds			

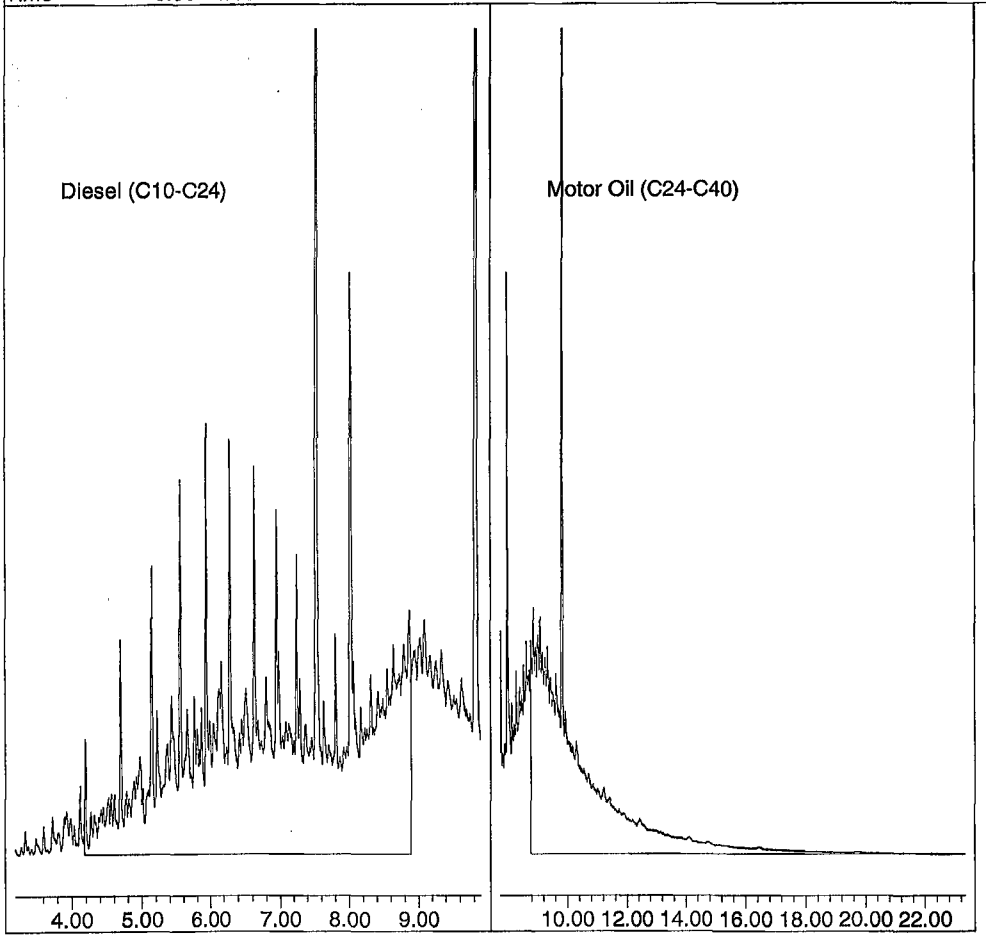
Diesel:

$$\frac{(1952312706)(5)}{(2019597)(2)} = \frac{9761563530}{4039194} = 2416.711$$

(f)=RT Delta > 1/2 Window
1015049.D DOC0831.M Mon Nov 22 12:48:33 2021 (m)=manual int.

Data File: G:\APOLLO\DATA\211015\1015049.D
Sample : 211011A LCS-1 5/1000





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211015\1015050.D Vial: 50
Acq On : 10-16-21 13:35:40 Operator: KA
Sample : 211011A LCSD-1 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 15 17:38 2021 Quant Results File: DOC0831.RES

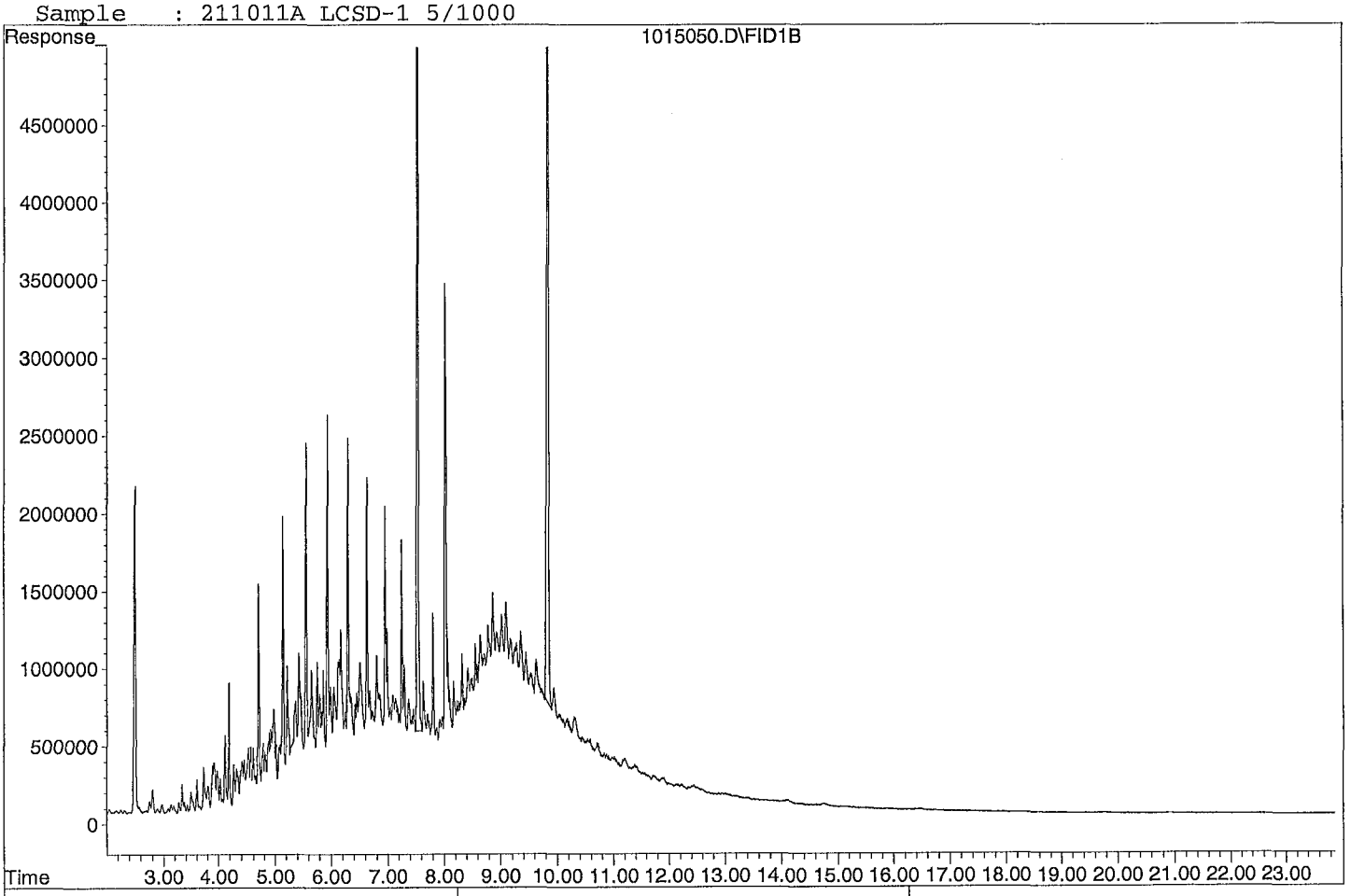
Method : G:\APOLLO\DATA\210830\DOC0831.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 22 10:47:59 2021
Response via : Multiple Level Calibration

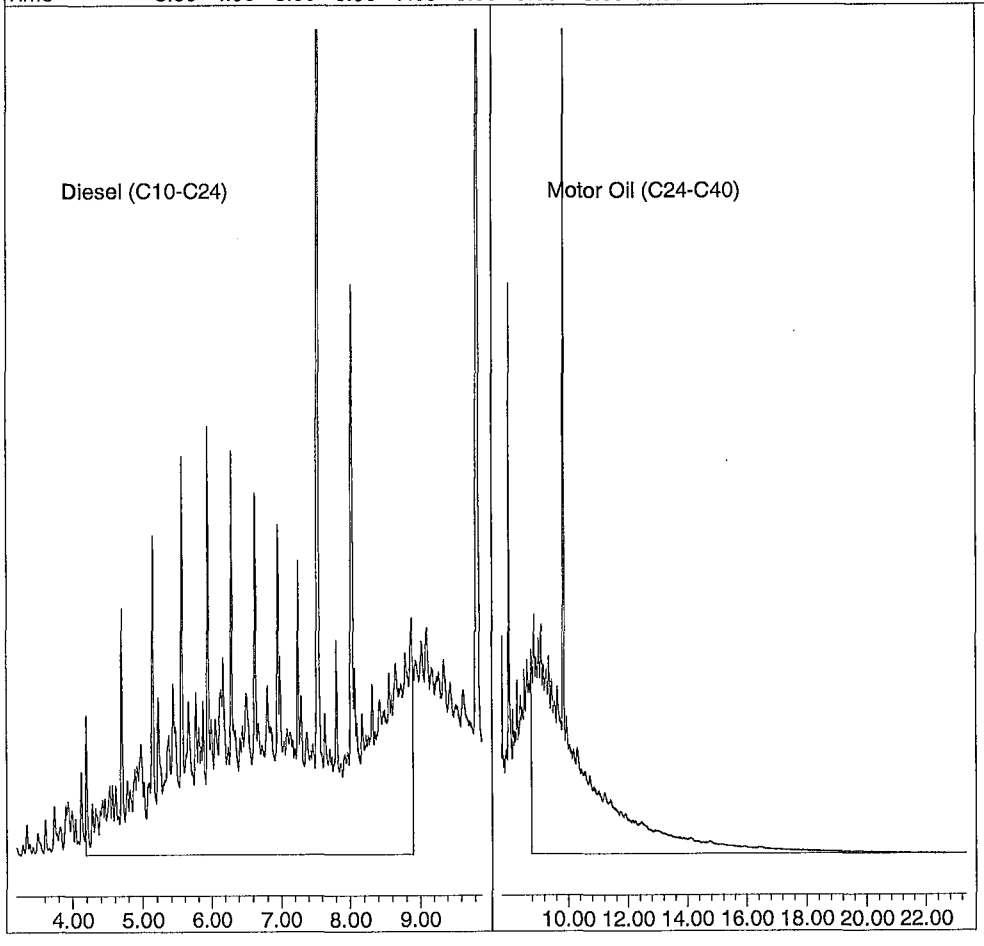
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	155077568	149.647 ppb
Surrogate Spike 150.000		Recovery =	99.76%
4) SA Octacosane(S)	9.83	117873357	152.973 ppb
Surrogate Spike 150.000		Recovery =	101.98%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	1944847121	2407.470 ppb
2) HBTM Motor Oil (C24-C40)	15.55	1463104986	2432.307 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File: G:\APOLLO\DATA\211015\1015050.D
Sample : 211011A LCSD-1 5/1000





Organic Extraction Worksheet

Method	Continuous Liq/Liq TPH- 3520C w/SGC	Extraction Set	211011A	Extraction Method	LIQ005SGC	Units	mL

Spiked ID 1	Diesel Motor Oil Mix 9/3/21-9/3/22		Surrogate ID 1	THC Surrogate 8/23/21-8/23/22	
Spiked ID 2	Decanoic 1000ug/mL Acid Solution 8/20/21-8/20/22		Surrogate ID 2	THC Surrogate 10/06/21-10/06/22	
Spiked ID 3	Decanoic 1000ug/mL Acid Solution 10/08/21-10/08/22		Surrogate ID 3		
Spiked ID 4			Surrogate ID 4		
Spiked ID 5			Surrogate ID 5		
Spiked ID 6			Sufficient Vol for Matrix QC:	NO	
Spiked ID 7			Ext. Start Time:	10/11/21 12:50	
Spiked ID 8			Ext. End Time:	10/12/21 15:57	
			GC Requires Extract By:		

pH1	2		Water Bath Temp 1 °C	41/ 40.1 °C
pH2			Water Bath Temp 2 °C	34/ 35.1
pH3			Water Bath Temp 3 °C	37/ 36.5 °C

Spiked By: SR **Date** 10/11/2021 9:41:42 AM **Witnessed By:** CG **Date** 10/11/2021 9:41:46 AM

	Sample	Sample Container	Spike Amount	Spike ID	Surrogate Amount	Surrogate ID	Extract Amount	Final Volume	pH	Extract Date/Time	Comments
1	211011A Blk		0.050	2	0.250	1 equip	1000	5	2	10/11/21 9:41	*
2	211011A LCS-1		0.080,0.050	1,2	0.250	1 equip	1000	5	2	10/11/21 9:41	*
3	211011A LCS-2		0.080,0.050	1,2	0.250	1 equip					
4	211011A LCS-3		0.080,0.050		0.250	1 equip					
5	211011A LCSD-1		0.080,0.050	1,2	0.250	1 equip	1000	5	2	10/11/21 9:41	*
6	211011A LCSD-2		0.080,0.050		0.250	1 equip					
7	211011A LCSD-3		0.080,0.050		0.250	1 equip					
8	BA38390	BA38390M02	0.050	2	0.250	2 equip	1000	5	2	10/11/21 12:30	97224 *
9	BA38391	BA38391M03	0.050	2	0.250	2 equip	1000	5	2	10/11/21 12:30	97224 *
10	BA38393	BA38393M02	0.050	3	0.250	2 equip	1000	5	2	10/11/21 12:30	97224 *
11	BA38394	BA38394M02	0.050	2	0.250	2 equip	1000	5	2	10/11/21 12:30	97224 *
12	BA38396		0.050	2	0.250	1 equip		5	2Y		97224 *
13	BA38397		0.050	2	0.250	1 equip		5	2Y		97224 *
14	BA38399	BA38399M02	0.050	2	0.250	2 equip	1000	5	2	10/11/21 12:30	97224 *
15	BA42512	BA42512W09	0.050	2	0.250	1 equip	1040	5	2	10/11/21 9:41	97781 *
16	BA42514	BA42514W09	0.050	3	0.250	1 equip	1040	5	2	10/11/21 9:41	97781 *

Solvent and Lot#	
1+1 HCL (5mLs)	9/30/21-9/30/22
PH Strips	HC041002
Dichloromethane (DCM)	61117
Filter Paper	*
Sodium Sulfate	2021071206
SILICA GEL (*)	050627T

Extraction COC Transfer	
Extraction lab employee Initials	
GC analyst's initials	KA
Date	10/12/21
Time	16:25
Refrigerator	Hobart

	Technician's Initials
Scanned By	SR
Sample Preparation	SR
Extraction	DS
Concentration	DS

Modified	11/22/2021 1:24:03 PM

Reviewed By: **Date**

Organic Extraction Worksheet

Method	Continuous Liq/Liq TPH- 3520C w/SGC	Extraction Set	211011A	Extraction Method	LIQ005SGC	Units	mL

Spiked ID 1	Diesel Motor Oil Mix 9/3/21-9/3/22		Surrogate ID 1	THC Surrogate 8/23/21-8/23/22	
Spiked ID 2	Decanoic 1000ug/mL Acid Solution 8/20/21-8/20/22		Surrogate ID 2	THC Surrogate 10/06/21-10/06/22	
Spiked ID 3	Decanoic 1000ug/mL Acid Solution 10/08/21-10/08/22		Surrogate ID 3		
Spiked ID 4			Surrogate ID 4		
Spiked ID 5			Surrogate ID 5		
Spiked ID 6			Sufficient Vol for Matrix QC:	NO	
Spiked ID 7			Ext. Start Time:	10/11/21 12:50	
Spiked ID 8			Ext. End Time:	10/12/21 15:57	
			GC Requires Extract By:		

pH1	2		Water Bath Temp 1 °C	41/ 40.1 °C
pH2			Water Bath Temp 2 °C	34/ 35.1
pH3			Water Bath Temp 3 °C	37/ 36.5 °C

Spiked By: SR **Date** 10/11/2021 9:41:42 AM **Witnessed By:** CG **Date** 10/11/2021 9:41:46 AM

	Sample	Sample Container	Spike Amount	Spike ID	Surrogate Amount	Surrogate ID	Extract Amount	Final Volume	pH	Extract Date/Time	Comments
17	BA42516	BA42516W09	0.050	3	0.250	1 equip	1040	5	2	10/11/21 9:41	97781 *
18	BA42518	BA42518W09	0.050	3	0.250	1 equip	1040	5	2	10/11/21 9:41	97781 *
19	BA42524	BA42524W09	0.050	3	0.250	1 equip	1050	5	2	10/11/21 9:41	97782 *
20	BA42527	BA42527W09	0.050	3	0.250	1 equip	1030	5	2	10/11/21 9:41	97783 *
21	BA42528	BA42528W07	0.050	3	0.250	1 equip	1040	5	2	10/11/21 9:41	97783 *

Solvent and Lot#	
1+1 HCL (5mLs)	9/30/21-9/30/22
PH Strips	HC041002
Dichloromethane (DCM)	61117
Filter Paper	*
Sodium Sulfate	2021071206
SILICA GEL (*)	050627T

Extraction COC Transfer	
Extraction lab employee Initials	
GC analyst's initials	KA
Date	
Time	
Refrigerator	Hobart

	Technician's Initials
Scanned By	SR
Sample Preparation	SR
Extraction	DS
Concentration	DS

Modified	11/22/2021 1:24:03 PM

Reviewed By: **Date**

Diesel / Motor Oil Calibration Curve

Prepared: 8/23/2021
Expires: 8/23/2022

Prepared By (Initials): KA

Methylene Chloride
Lot No. 60338

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Conc. (ug/mL)	APPL Mix Name	Reference to APPL Prep Date and Lot #'s	Exp. Date	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Diesel / Motor Oil - 2	APPL	10	Diesel / Motor Oil - 1	Perp'd: 08/23/21 A0164485-52662, A0165510-52666, CL16893-52844	8/23/2022	10/31/2027 12/31/2027 5/31/2026	100uL	200uL	MC	5
Diesel / Motor Oil -3		50	Diesel / Motor Oil - 2				200uL	1mL	MC	10
Diesel / Motor Oil Calibration STD	Restek	2,000	Diesel / Motor Oil -3				25uL	1mL	MC	50
			Diesel / Motor Oil - 4				125uL	1mL	MC	250
			Diesel / Motor Oil - 5				500uL	1mL	MC	1000
			Diesel / Motor Oil - 6				750uL	1mL	MC	1500
			Diesel / Motor Oil - 7				100uL	100uL	N/A	2,000

Diesel / Motor Oil Second Source

Prepared: 7/21/2020
Expires: 7/21/2021

Prepared By (Initials): SS

Methylene Chloride Lot No. 58059

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Diesel Fuel #2 Second Source	Phenova	AL0-101287	50,000	**CL13327-40550**	7/21/2021	**2/28/2022**	50uL	10mL	MC	250
Motor Oil Second Source	Absolute	51094	50,000	**010918-39581**	7/21/2021	**1/9/2023**	50uL			

Diesel / Motor Oil Calibration Standard

Prepared: 10/6/2021 **Prepared By (Initials):** KA

Expires: 5/31/2026

Methylene Chloride

Lot No. 61117

Initial Standard Information							Final Standard			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Diesel Fuel #2	Restek	31258	50,000	**A016448 5-52822**	**9/3/2022**	**10/31/2027**	400uL	10mL	MC	2000
Motor Oil	Restek	31464	50,000	**A016884 2-52820 and A016651 0-52817**	**10/6/2021**	**12/31/2027**	400uL			2000
THC Surrogate	Phenova	ALO-130161	600	**CL16893 52835**	**10/6/2021**	**5/31/2026**	1666uL			100

Diesel Motor Oil Mix

Prepared: 9/3/2021 **Prepared By (Initials): KA**

Expires: 9/3/2022

Initial Standard Information							Final Standard			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Diesel Fuel #2	Restek	31258	50,000	**A0164485-52823,52824,52662,52661,52822**	9/3/2021	**10/31/2027**	4.00 mL	8.0 mL	NA	25,000
Motor Oil Composite	Restek	31464	50,000	**A0166510-52664 and 52818 and A0168842-52820 and 52821**	9/3/2021	**12/31/27 and 03/31/28**	4.00 mL			25,000

THC Surrogate

Prepared: 8/24/2021 **KA**

Expires: 8/24/2022

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
O-terphenyl / Octacosane Mix	Phenova	ALO-130161	600	**CL16693-52838**	**8/24/2022**	**5/31/2026**	N/A	N/A	N/A	600

THC Surrogate

Prepared: 10/6/2021 **KA**

Expires: 5/31/2026

Initial Standard Information							Final Standard			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
O-terphenyl / Octacosane Mix	Phenova	ALO-130161	600	**CL16893-52835**	**10/6/2021**	**5/31/2026**	N/A	N/A	N/A	600

Injection Log

Directory: G:\APOLLO\DATA\210830\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	4	830004.D	1	DMO STD Curve 1	water	8-30-21 14:23:31
2	5	830005.D	1	DMO STD Curve 2	water	8-30-21 14:52:00
3	6	830006.D	1	DMO STD Curve 3	water	8-30-21 15:20:31
4	7	830007.D	1	DMO STD Curve 4	water	8-30-21 15:48:59
5	8	830008.D	1	DMO STD Curve 5	water	8-30-21 16:17:29
6	9	830009.D	1	DMO STD Curve 6	water	8-30-21 16:45:57
7	10	830010.D	1	DMO STD Curve 7	water	8-30-21 17:14:26
8	11	830011.D	1	DMO Second Source	water	8-30-21 17:43:02
9	42	1015042.D	1	DMO CCV LVL5 STD	water	10-16-21 9:49:23
10	48	1015048.D	5	211011A BLK 5/1000	water	10-16-21 12:38:58
11	49	1015049.D	5	211011A LCS-1 5/1000	water	10-16-21 13:07:18
12	50	1015050.D	5	211011A LCSD-1 5/1000	water	10-16-21 13:35:40
13	56	1015056.D	4.80769	BA42512W09 5/1040	water	10-16-21 16:25:09
14	57	1015057.D	1	DMO CCV LVL5 STD	water	10-16-21 16:53:19
15	58	1015058.D	4.80769	BA42514W09 5/1040	water	10-16-21 17:21:41
16	59	1015059.D	4.80769	BA42516W09 5/1040	water	10-16-21 17:50:02
17	60	1015060.D	4.80769	BA42518W09 5/1040	water	10-16-21 18:18:14
18	65	1015065.D	1	DMO CCV LVL5 STD	water	10-16-21 20:39:51

ORGANICS

Calibration Data

TPH Extractables
DOC0831

Form 6
Initial Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Initial Cal. Date: 8/30/2021
Matrix: Water Instrument: Apollo
Initials: KA

			830004.D	830005.D	830006.D	830007.D	830008.D	830009.D	830010.D								
		Compound	1	2	3	4	5	6	7				Avg	%RSD	Type	r^2	Q
1	HATM	Diesel (C10-C24)	1996096	2096504	2044980	1954573	1978127	1986289	2080607				2019597	2.7	HATM		
2	HBTML	Motor Oil (C24-C40)	4145119	2435540	1673061	1536974	1493779	1466134	1500171				2035825	49	HBTM	1.000	
3	SA	Ortho-Terphenyl(S)	2853226	2657484	2628989	2539846	2469795	2419311	2566361				2590716	5.5	SA		
4	SA	Octacosane(S)	2110335	1874119	1915976	1916647	1876549	1864260	1926753				1926377	4.4	SA		
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1.751305

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210830\830004.D Vial: 4
Acq On : 8-30-21 14:23:31 Operator: KA
Sample : DMO STD Curve 1 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 8 12:55 2021 Quant Results File: DOC0830.RES

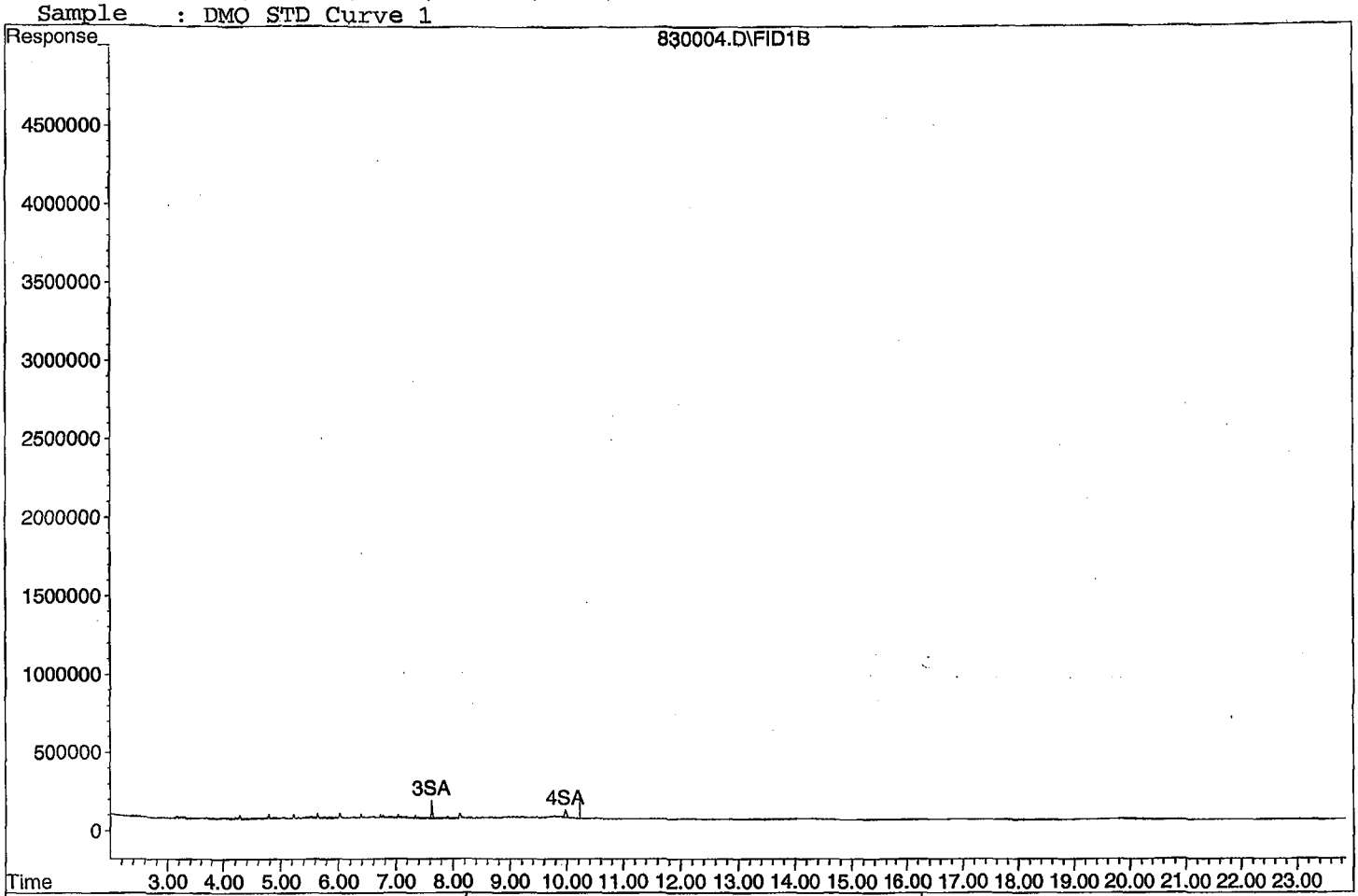
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

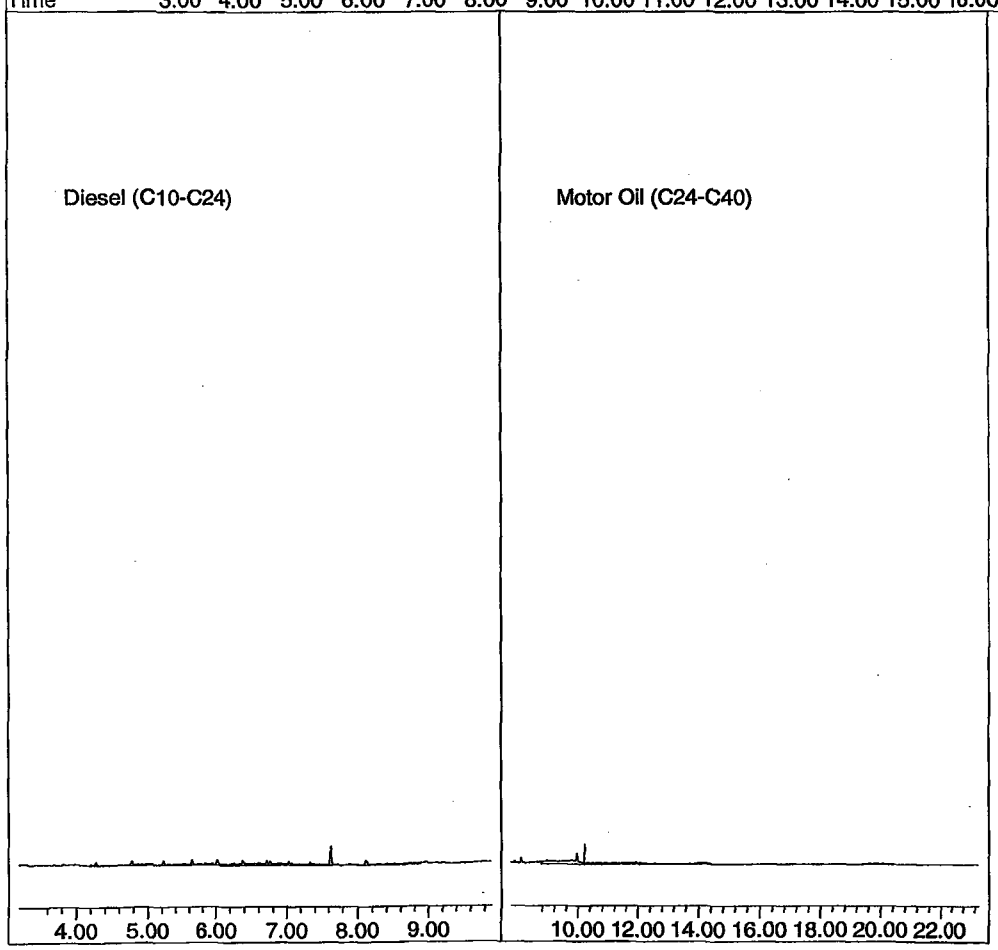
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	1426613	0.275 ppb
Surrogate Spike 30.000	Recovery =		0.92%
4) SA Octacosane(S)	9.98	1055167	0.274 ppb
Surrogate Spike 30.000	Recovery =		0.91%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	19960961	4.942 ppb
2) HBTM Motor Oil (C24-C40)	15.55	41451191	5.936 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.
830004.D DOC0830.M Wed Sep 08 12:56:13 2021 Page 1

Data File: G:\APOLLO\DATA\210830\830004.D
Sample : DMO STD Curve 1





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210830\830005.D Vial: 5
Acq On : 8-30-21 14:52:00 Operator: KA
Sample : DMO STD Curve 2 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 8 12:55 2021 Quant Results File: DOC0830.RES

Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

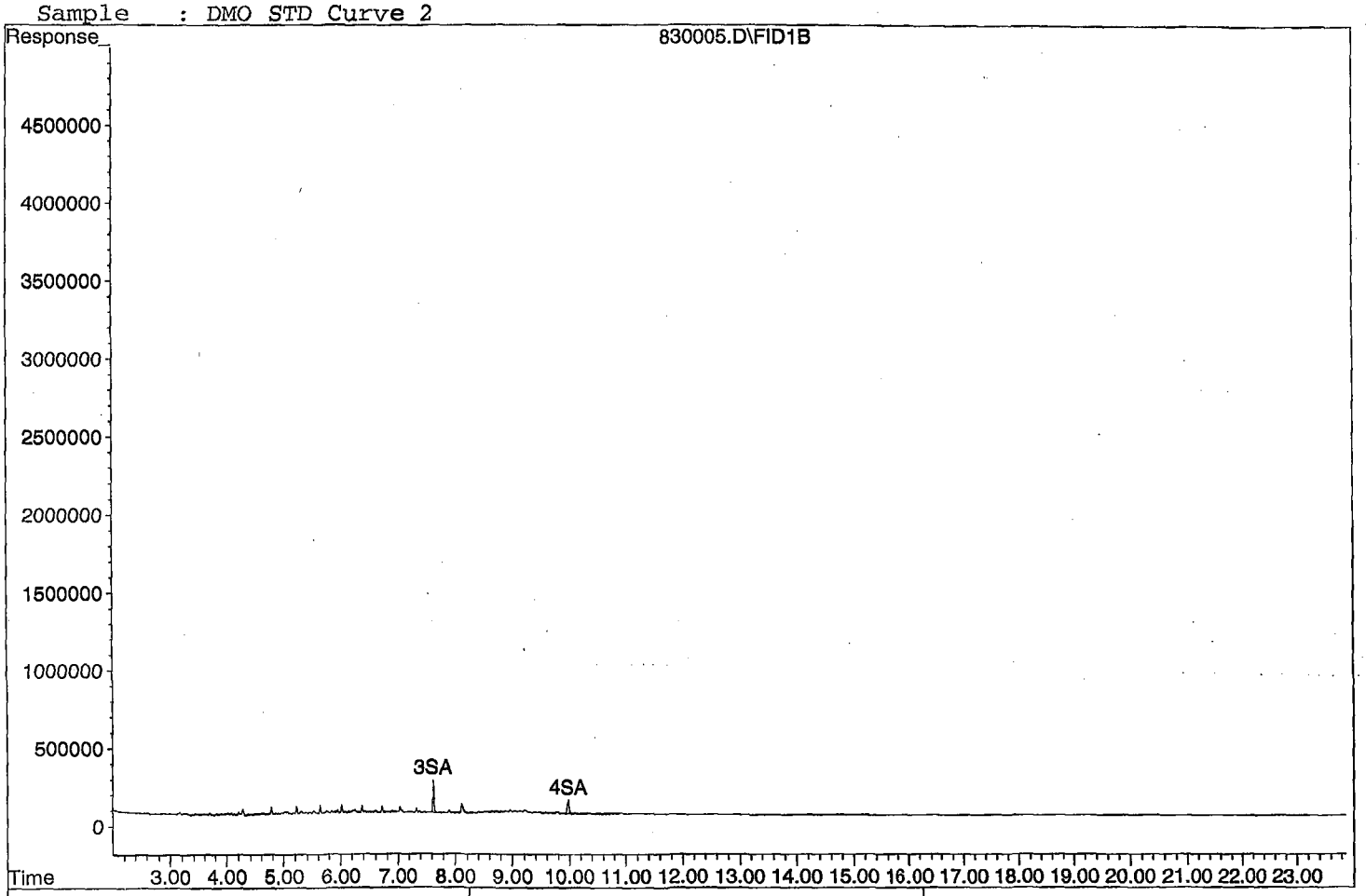
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

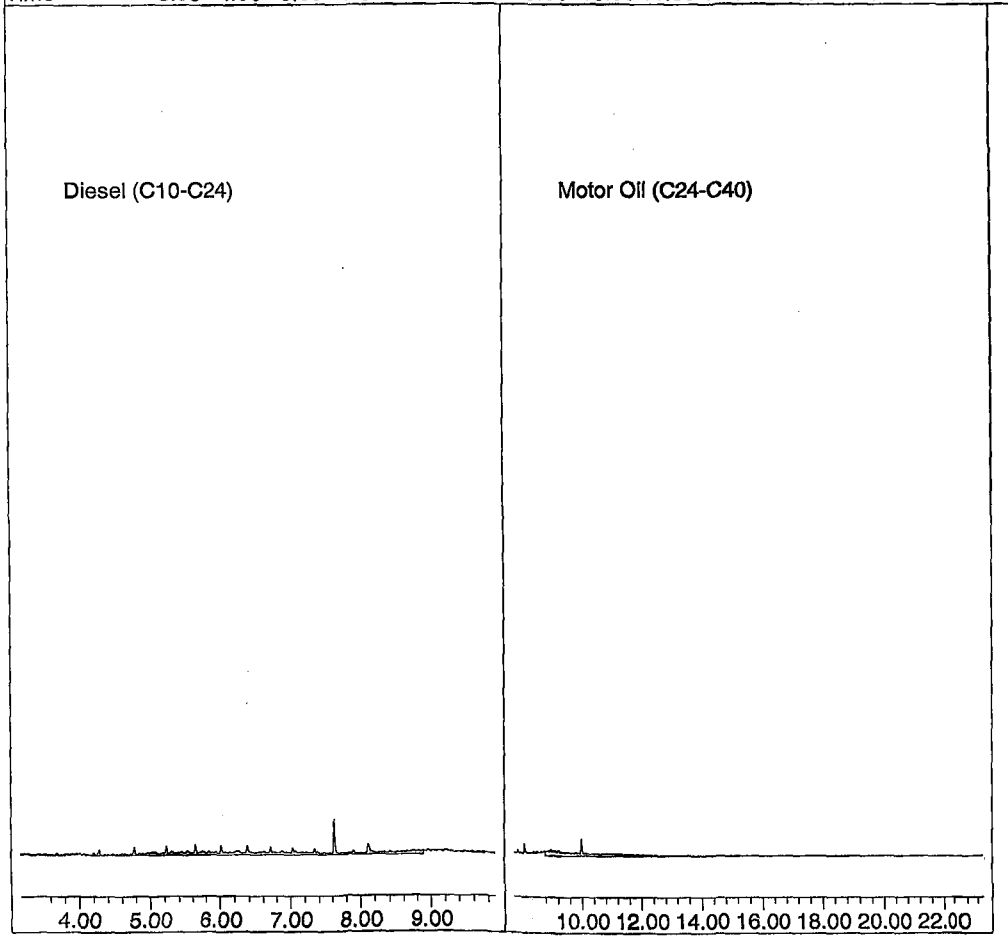
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	2657484	0.513 ppb
Surrogate Spike 30.000	Recovery =		1.71%
4) SA Octacosane(S)	9.98	1874119	0.486 ppb
Surrogate Spike 30.000	Recovery =		1.62%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	41930088	10.381 ppb
2) HBTM Motor Oil (C24-C40)	15.55	48710805	8.390 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.
830005.D DOC0830.M Wed Sep 08 12:56:15 2021 Page 1

Quantitation Report

Data File: G:\APOLLO\DATA\210830\830005.D
Sample : DMO STD Curve 2





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210830\830006.D Vial: 6
Acq On : 8-30-21 15:20:31 Operator: KA
Sample : DMO STD Curve 3 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 8 12:55 2021 Quant Results File: DOC0830.RES

Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

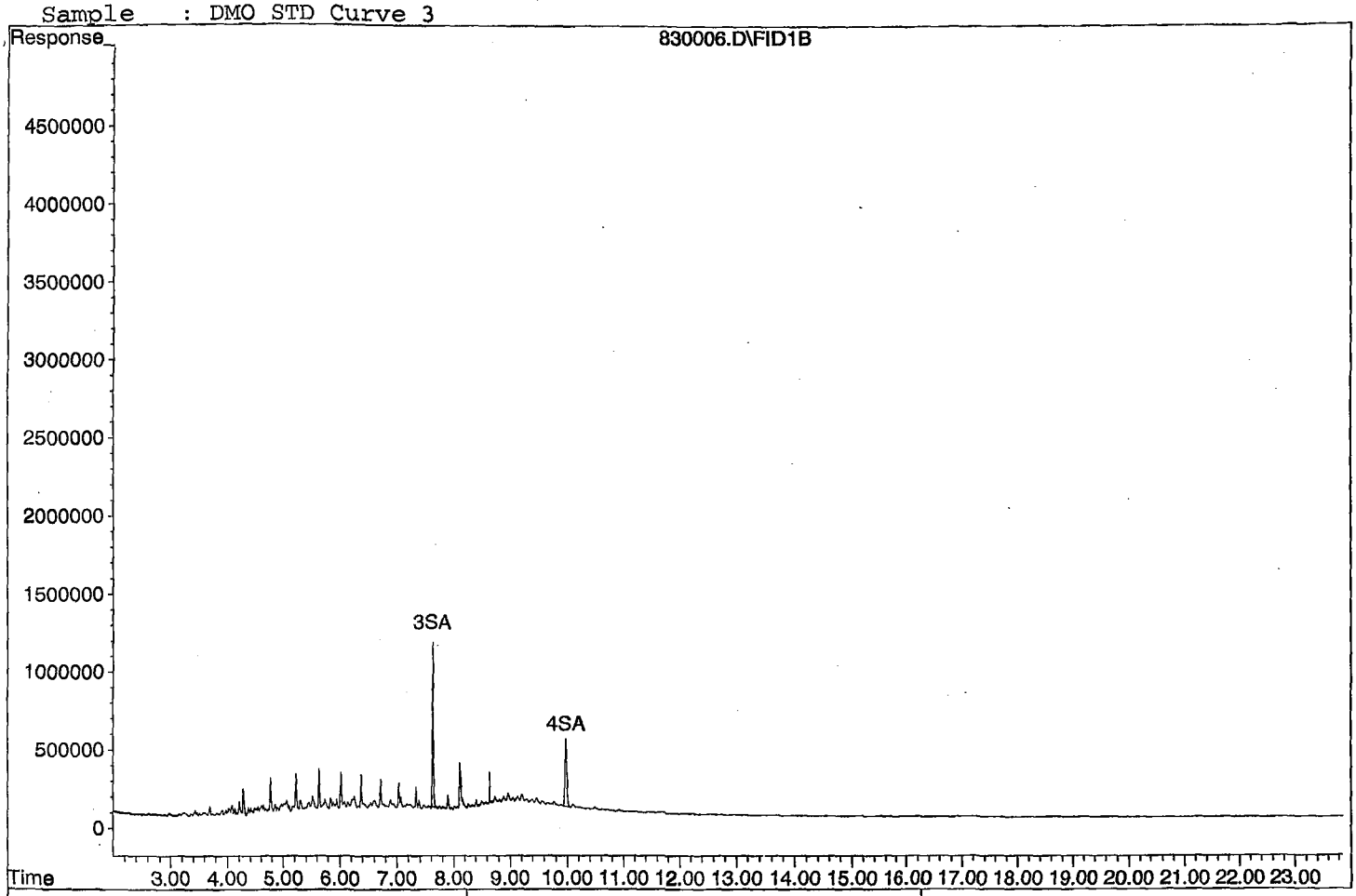
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

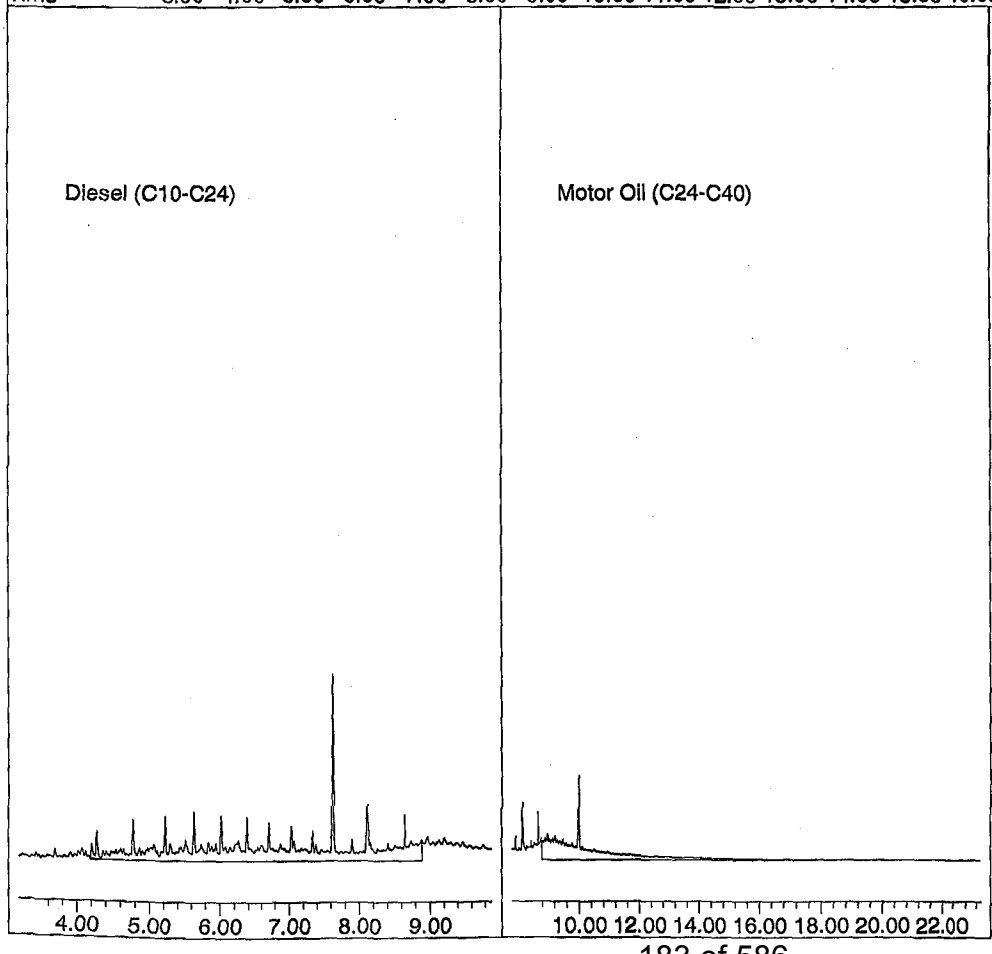
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	13144947	2.537 ppb
Surrogate Spike 30.000	Recovery =		8.46%
4) SA Octacosane(S)	9.98	9579881	2.487 ppb
Surrogate Spike 30.000	Recovery =		8.29%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	204498046	50.628 ppb
2) HBTM Motor Oil (C24-C40)	15.55	167306131	48.476 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.
830006.D DOC0830.M Wed Sep 08 12:56:16 2021 Page 1

Quantitation Report

Data File: G:\APOLLO\DATA\210830\830006.D
Sample : DMO STD Curve 3





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210830\830007.D Vial: 7
Acq On : 8-30-21 15:48:59 Operator: KA
Sample : DMO STD Curve 4 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 8 12:55 2021 Quant Results File: DOC0830.RES

Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

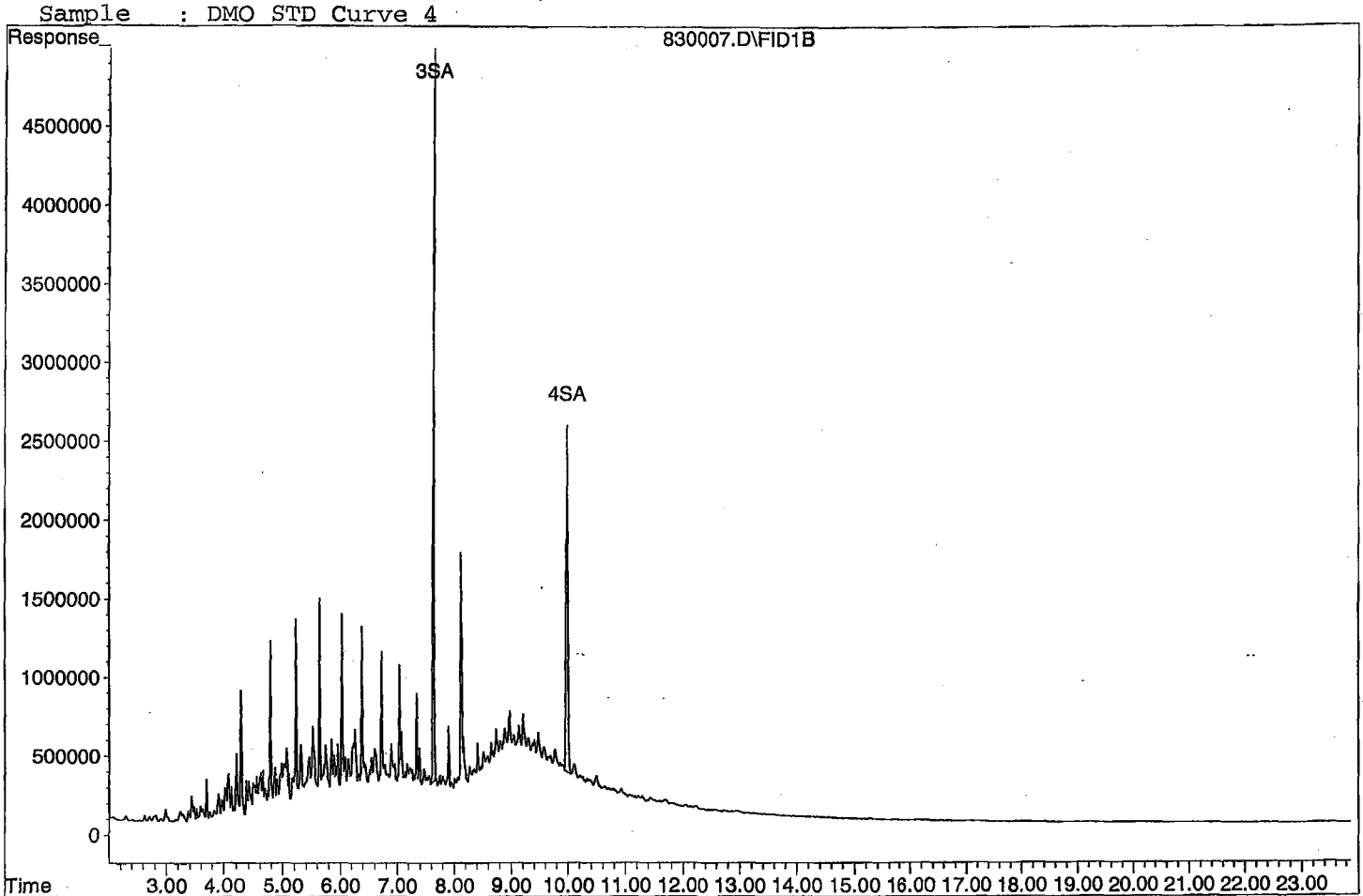
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

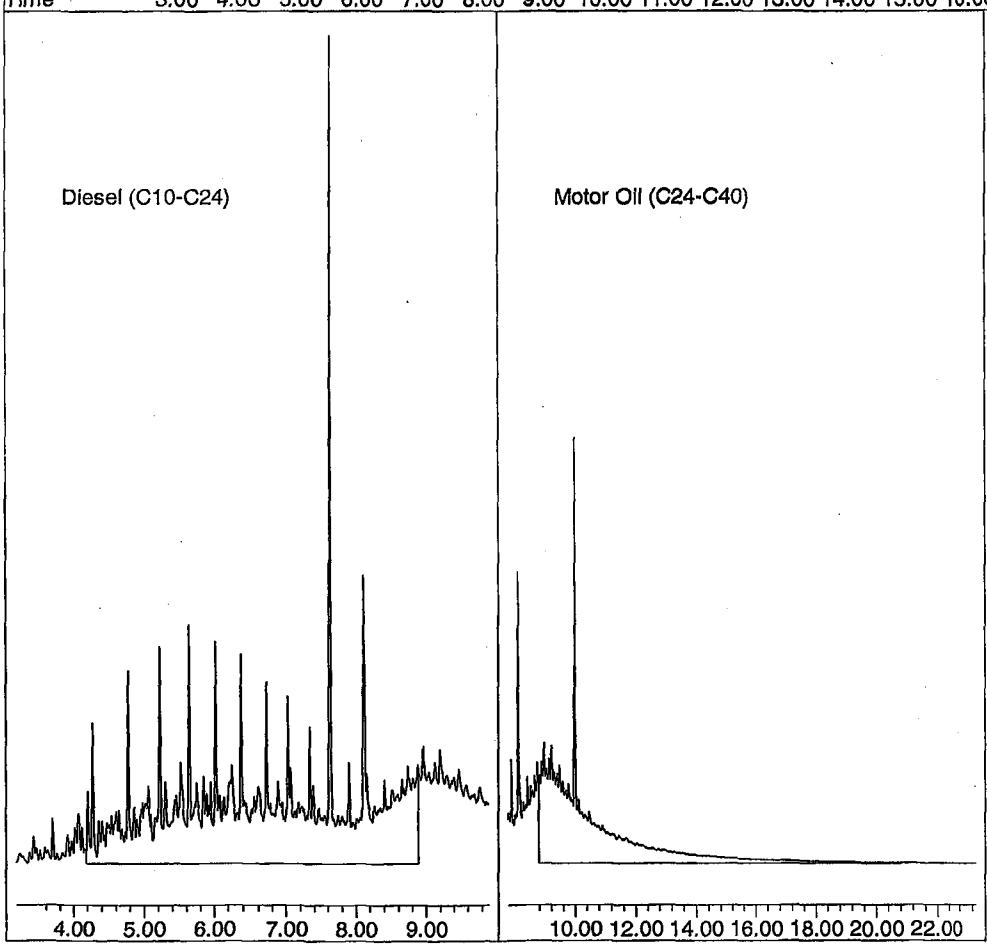
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	63496153	12.255 ppb
Surrogate Spike 30.000	Recovery =		40.85%
4) SA Octacosane(S)	9.98	47916187	12.437 ppb
Surrogate Spike 30.000	Recovery =		41.46%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	977286267	241.951 ppb
2) HBTM Motor Oil (C24-C40)	15.55	768486801	251.677 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File: G:\APOLLO\DATA\210830\830007.D
Sample : DMO STD Curve 4





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210830\830008.D Vial: 8
Acq On : 8-30-21 16:17:29 Operator: KA
Sample : DMO STD Curve 5 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 8 12:55 2021 Quant Results File: DOC0830.RES

Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

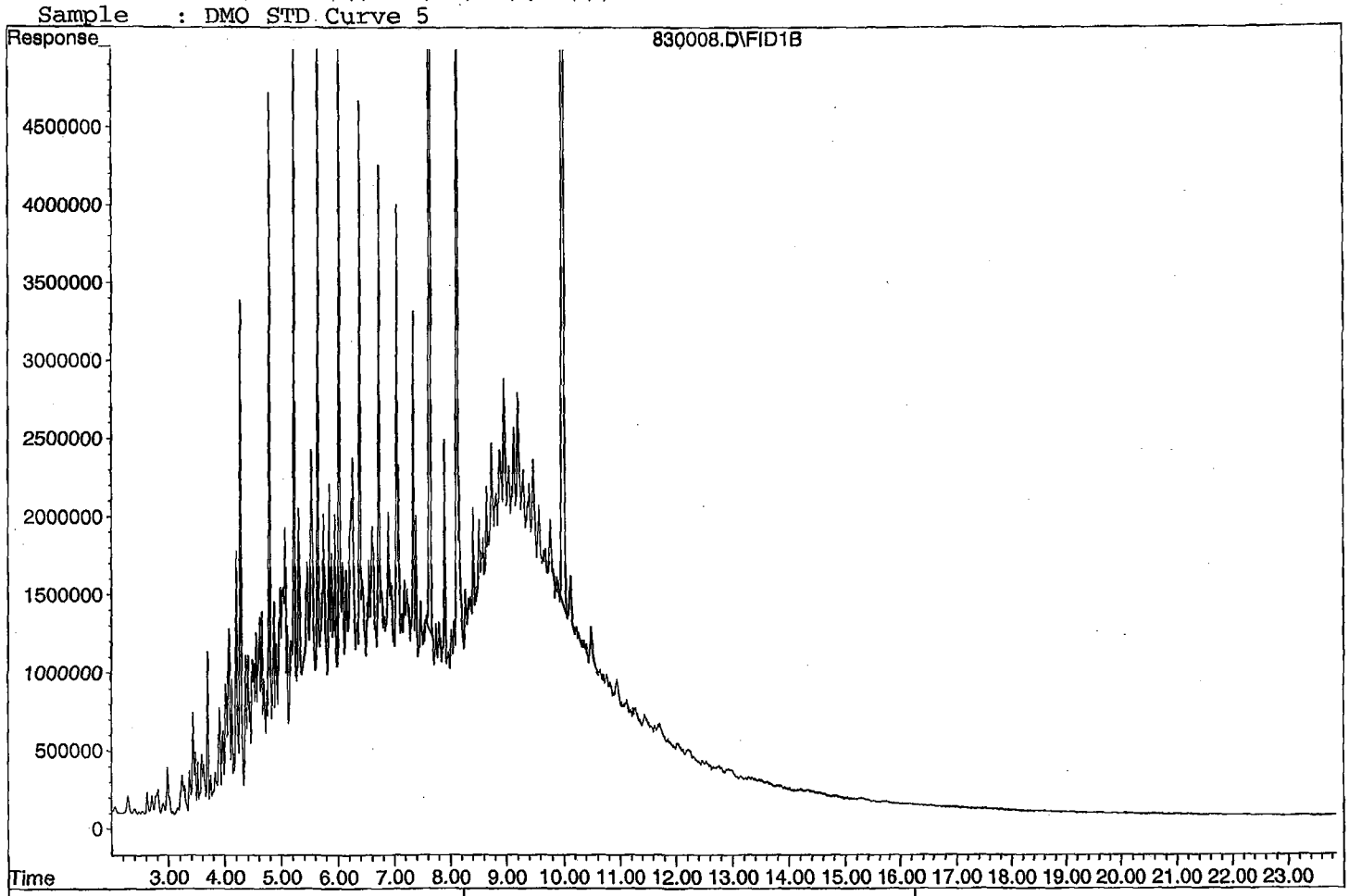
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

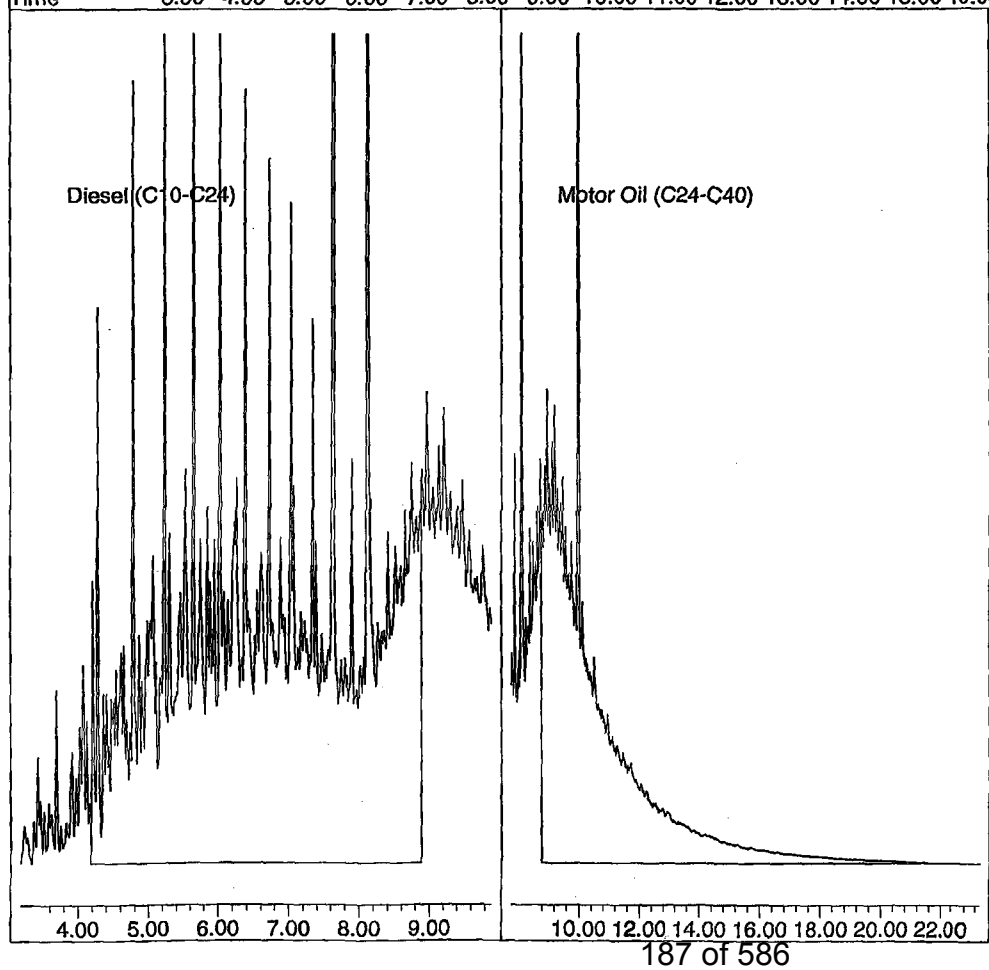
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	246979512	47.666 ppb
Surrogate Spike 30.000		Recovery =	158.89%
4) SA Octacosane(S)	9.99	187654879	48.707 ppb
Surrogate Spike 30.000		Recovery =	162.36%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	3956253906	979.466 ppb
2) HBTM Motor Oil (C24-C40)	15.55	2987558435	1001.733 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.
830008.D DOC0830.M Wed Sep 08 12:56:20 2021 Page 1

Quantitation Report

Data File: G:\APOLLO\DATA\210830\830008.D
Sample : DMO STD Curve 5





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210830\830009.D Vial: 9
Acq On : 8-30-21 16:45:57 Operator: KA
Sample : DMO STD Curve 6 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 8 12:55 2021 Quant Results File: DOC0830.RES

Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

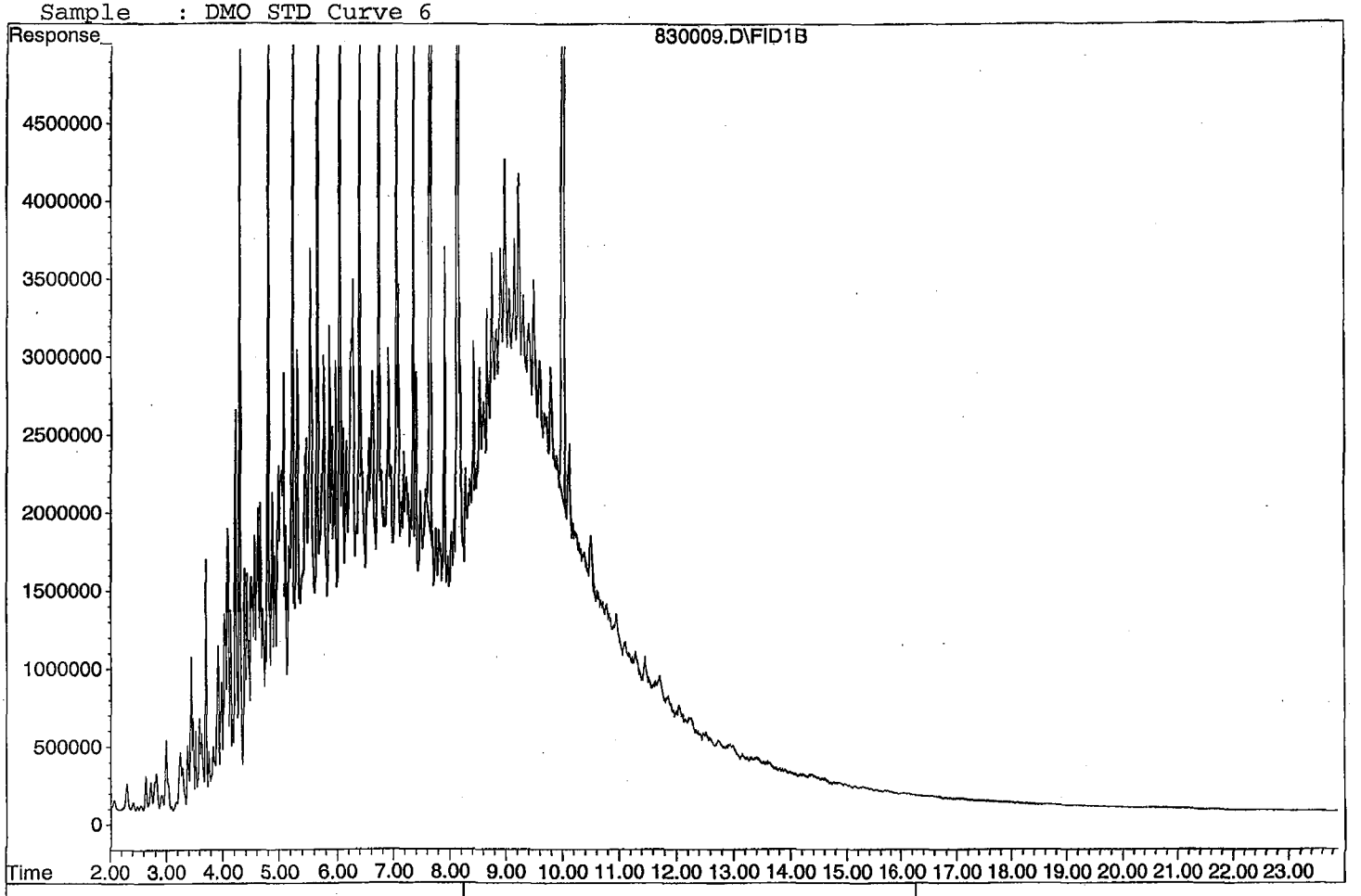
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
3) SA Ortho-Terphenyl(S)	7.63	362896579	70.038	ppb
Surrogate Spike 30.000		Recovery =	233.46%	
4) SA Octacosane(S)	10.00	279638971	72.582	ppb
Surrogate Spike 30.000		Recovery =	241.94%	
Target Compounds				
1) HATM Diesel (C10-C24)	6.54	5958866170	1475.261	ppb
2) HBTM Motor Oil (C24-C40)	15.55	4398400914	1478.604	ppb

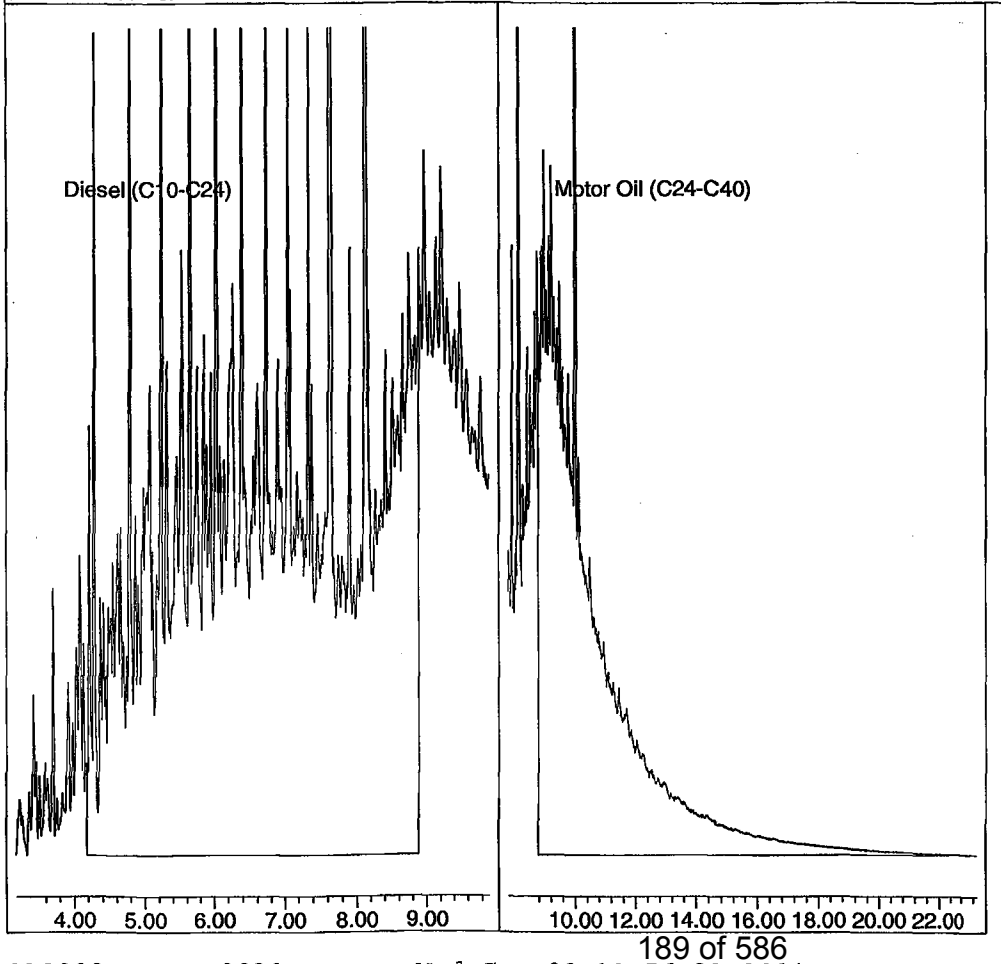
Target Compounds

(f)=RT Delta > 1/2 Window (m)=manual int.
830009.D DOC0830.M Wed Sep 08 12:56:22 2021 Page 1

Quantitation Report

Data File: G:\APOLLO\DATA\210830\830009.D
Sample : DMO STD Curve 6





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210830\830010.D Vial: 10
Acq On : 8-30-21 17:14:26 Operator: KA
Sample : DMO STD Curve 7 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 8 12:55 2021 Quant Results File: DOC0830.RES

Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

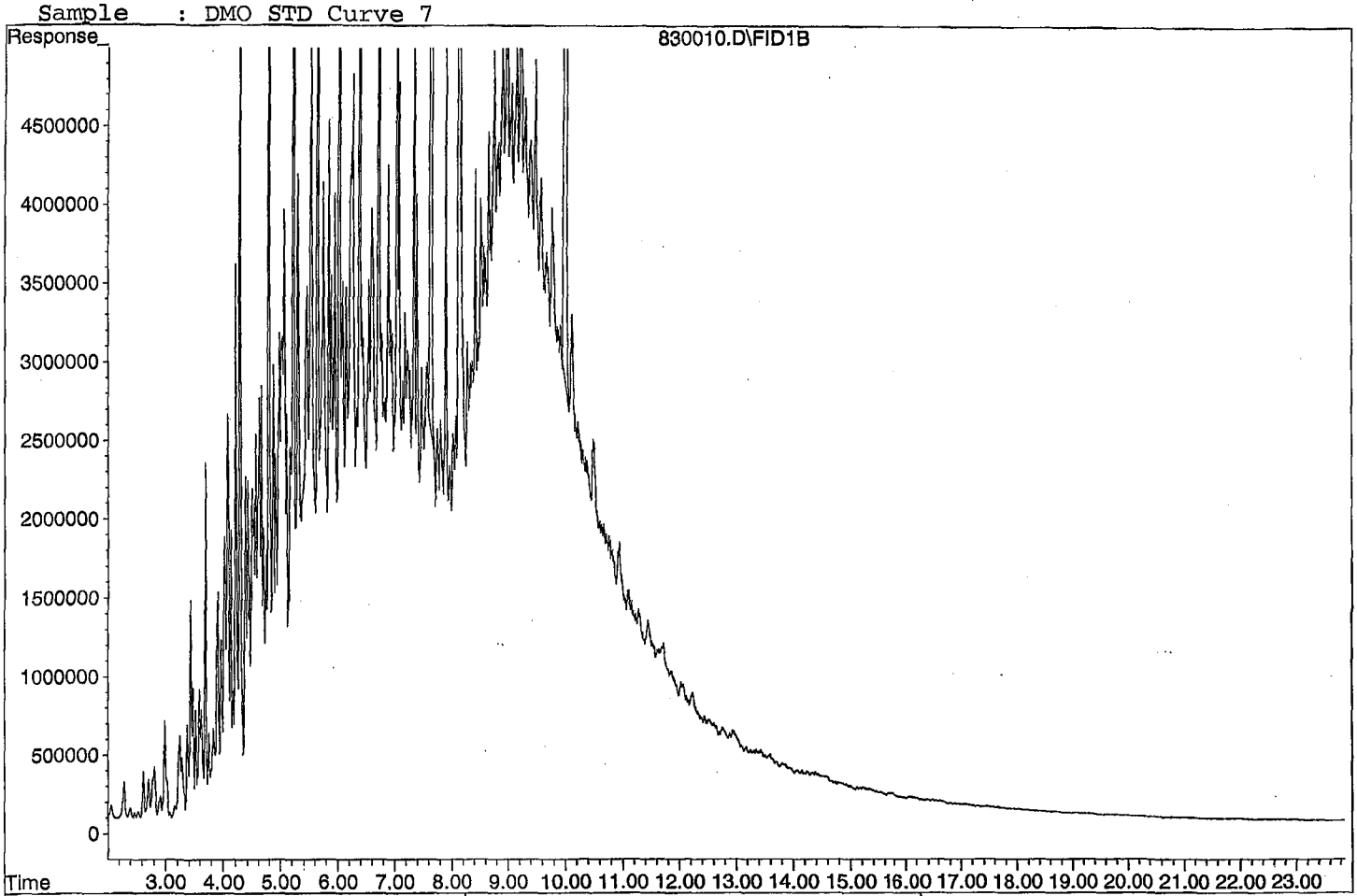
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

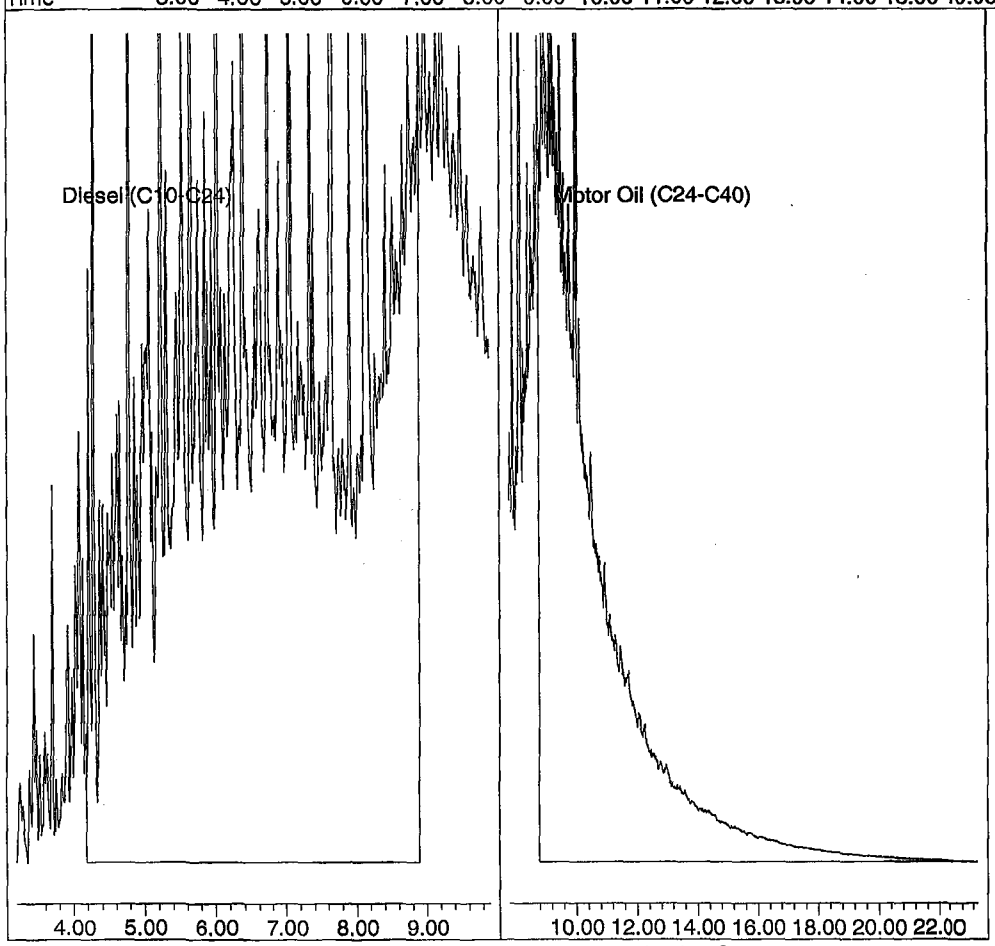
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
3) SA Ortho-Terphenyl(S)	7.64	513272150	99.060	ppb
Surrogate Spike 30.000		Recovery =	330.20%	
4) SA Octacosane(S)	10.00	385350648	100.020	ppb
Surrogate Spike 30.000		Recovery =	333.40%	
Target Compounds				
1) HATM Diesel (C10-C24)	6.54	8322428096	2060.418	ppb
2) HBTM Motor Oil (C24-C40)	15.55	6000685216	2020.183	ppb

Target Compounds

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File: G:\APOLLO\DATA\210830\830010.D
Sample : DMO STD Curve 7





TPH Extractables
DOC0831

Form 7

Second Source Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: Water

SDG No:
Date Analyzed: 8/30/2021
Instrument: Apollo
Initial Cal. Date: 8/30/2021
Data File: 830011.D

		Compound	MEAN	CCRF	%D		%Drift
1	HATM	Diesel (C10-C24)	2019600	2221630	10	HATM	
2	HBTM	Motor Oil (C24-C40)	2035830	1633780	20	HBTML	7.2
3							
4							
5							
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7							
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37							
38							
39							
40							
		Average			15.0		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210830\830011.D Vial: 11
Acq On : 8-30-21 17:43:02 Operator: KA
Sample : DMO Second Source Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 8 12:55 2021 Quant Results File: DOC0830.RES

Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

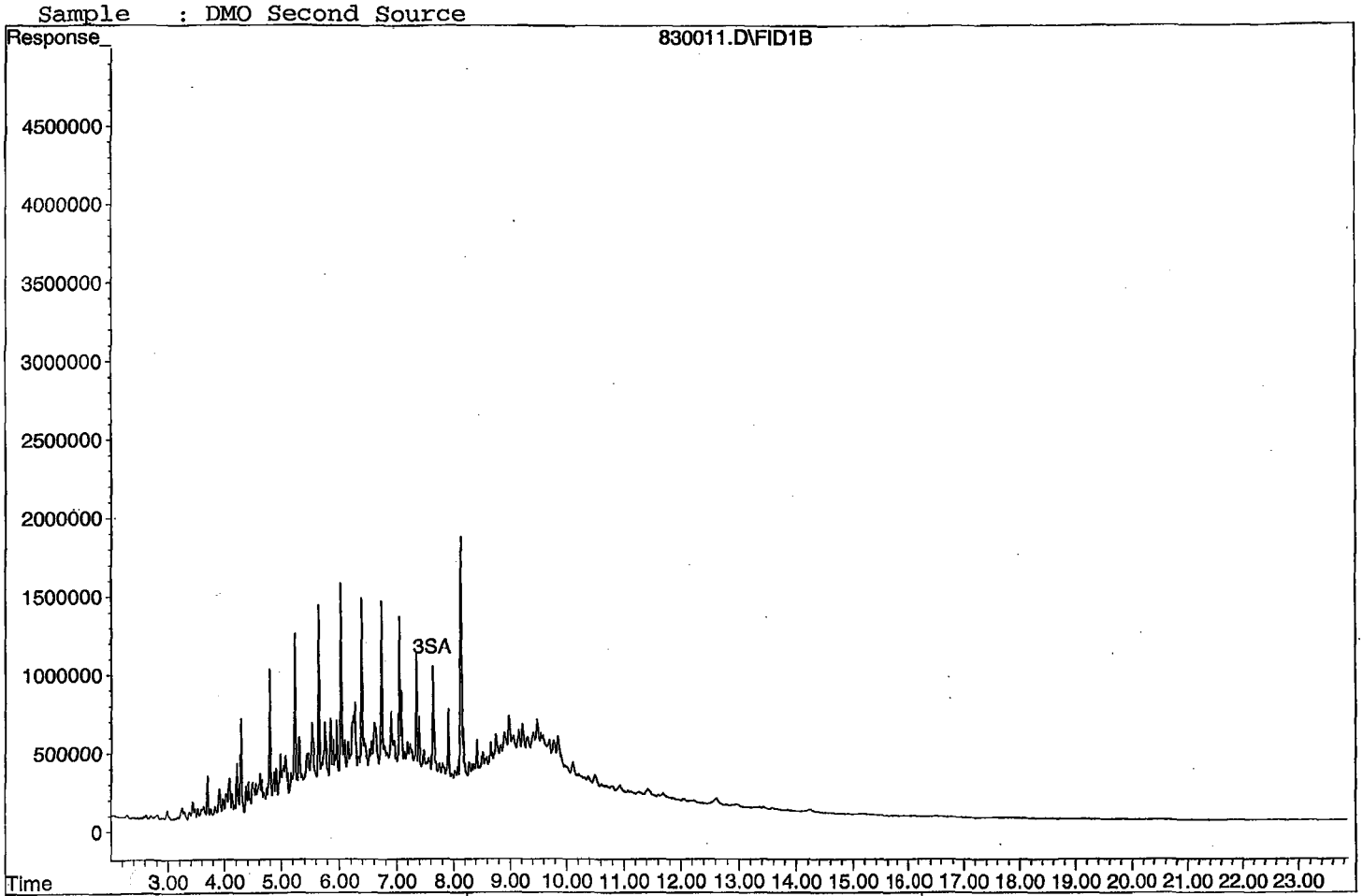
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

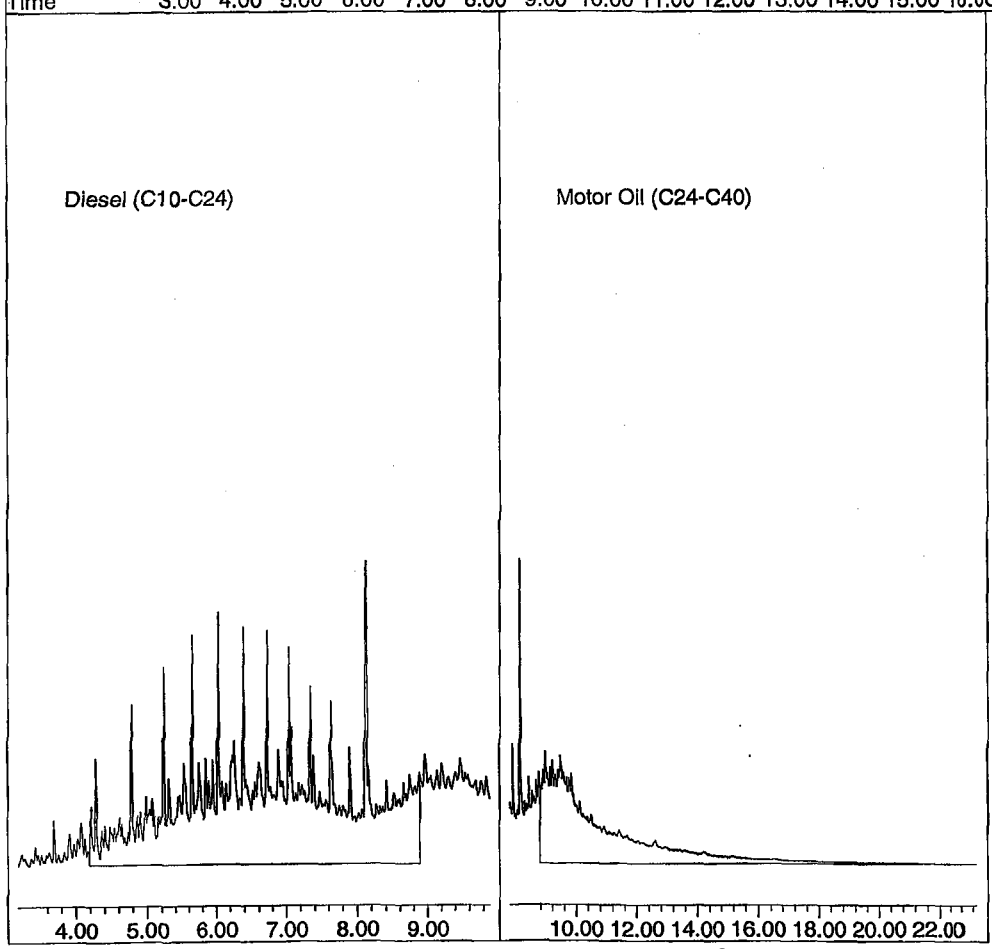
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.62	4475122	0.864 ppb
Surrogate Spike 30.000	Recovery =		2.88%
4) SA Octacosane(S)	9.98	-56148	N.D. ppb
Surrogate Spike 30.000	Recovery =		0.00%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	1110816428	275.009 ppb
2) HBTM Motor Oil (C24-C40)	15.55	816892430	268.039 ppb

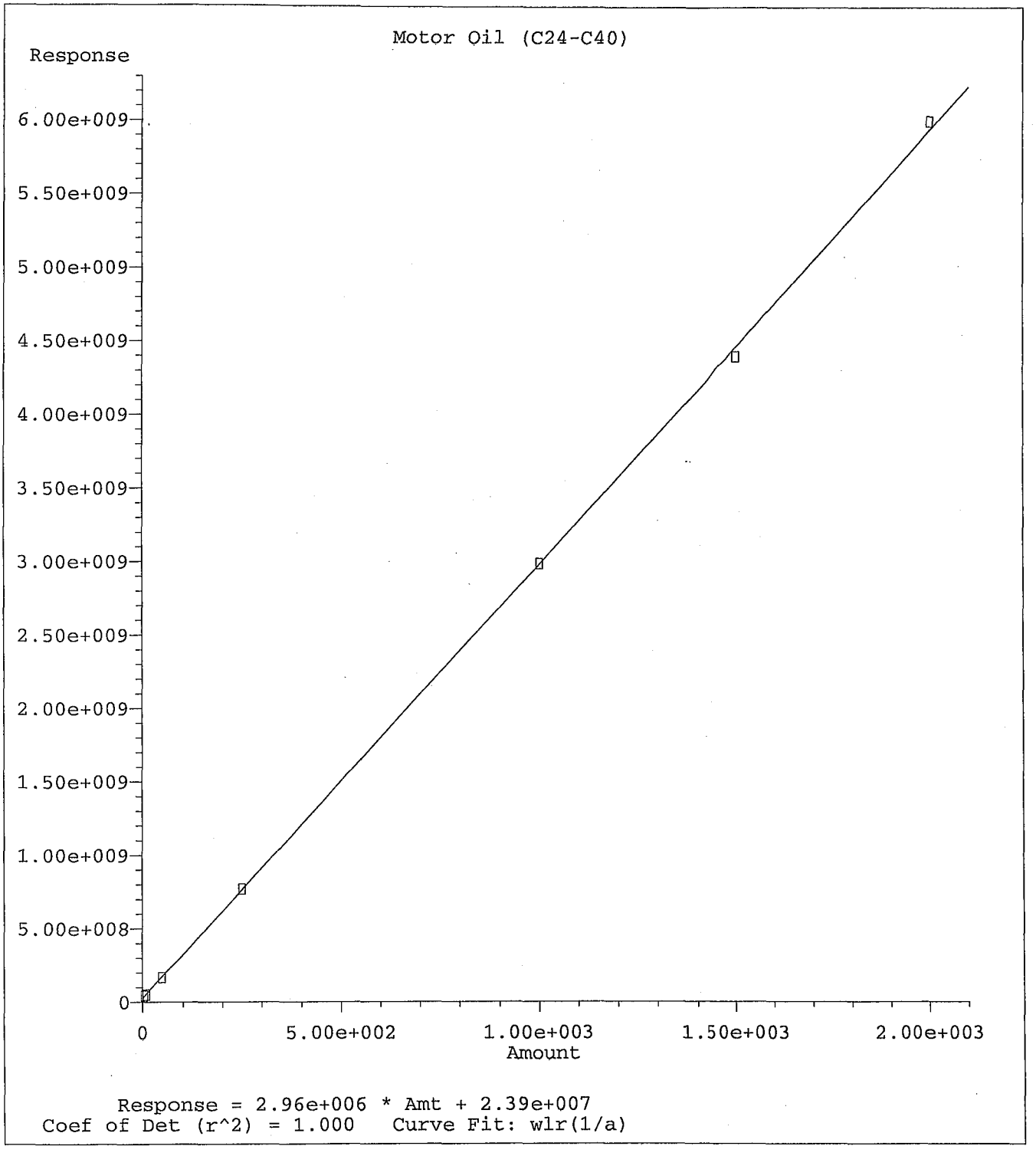
Target Compounds

(f)=RT Delta > 1/2 Window (m)=manual int.
830011.D DOC0830.M Wed Sep 08 12:56:26 2021 Page 1

Data File: G:\APOLLO\DATA\210830\830011.D
Sample : DMO Second Source







Method Name: G:\APOLLO\DATA\210830\DOC0830.M
Calibration Table Last Updated: Tue Aug 31 09:20:02 2021

TPH Extractables
DEC0911

Form 6
Initial Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Initial Cal. Date: 9/11/2021
Matrix: Water Instrument: Apollo
Initials: KA

			911002.D	911003.D	911004.D	911005.D	911006.D	911007.D									
		Compound	1	2	3	4	5	6					Avg	%RSD	Type	r^2	Q
1	SC	Decanoic Acid(S)	883995	1084261	1313446	1384667	1522107	1509937					1283069	20	SC		*
2																	
3																	
4																	
5																	
6																	
7																	
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0.562142

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210911\911002.D Vial: 2
Acq On : 9-11-21 10:22:53 Operator: KA
Sample : Decanoic Acid STD 1 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 13 9:30 2021 Quant Results File: DEC0911.RES

Method : G:\APOLLO\DATA\210808\DEC0911.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Sep 13 09:30:16 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

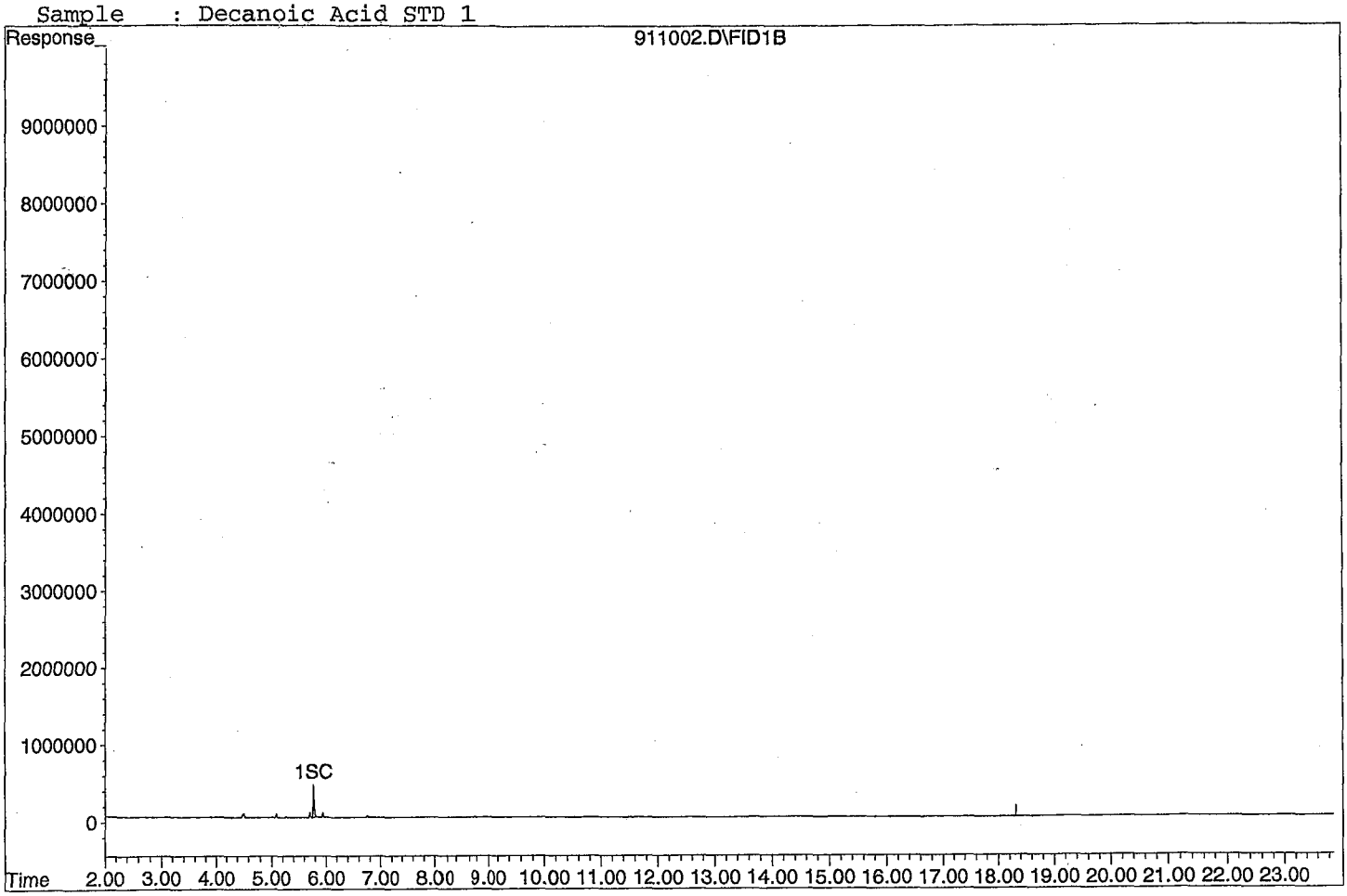
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) SC Decanoic Acid(S)	5.77	5303968	2.067 ppb
Surrogate Spike 24.000		Recovery =	8.61%
Target Compounds			

Target Compounds

(f)=RT Delta > 1/2 Window (m)=manual int.
911002.D DEC0911.M Thu Sep 23 17:08:10 2021 Page 1

Quantitation Report

Data File: G:\APOLLO\DATA\210911\911002.D
Sample : Decanoic Acid STD 1



Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210911\911003.D Vial: 3
Acq On : 9-11-21 10:51:11 Operator: KA
Sample : Decanoic Acid STD 2 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 23 17:12 2021 Quant Results File: DEC0911.RES

Method : G:\APOLLO\DATA\210808\DEC0911.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Sep 13 09:30:16 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

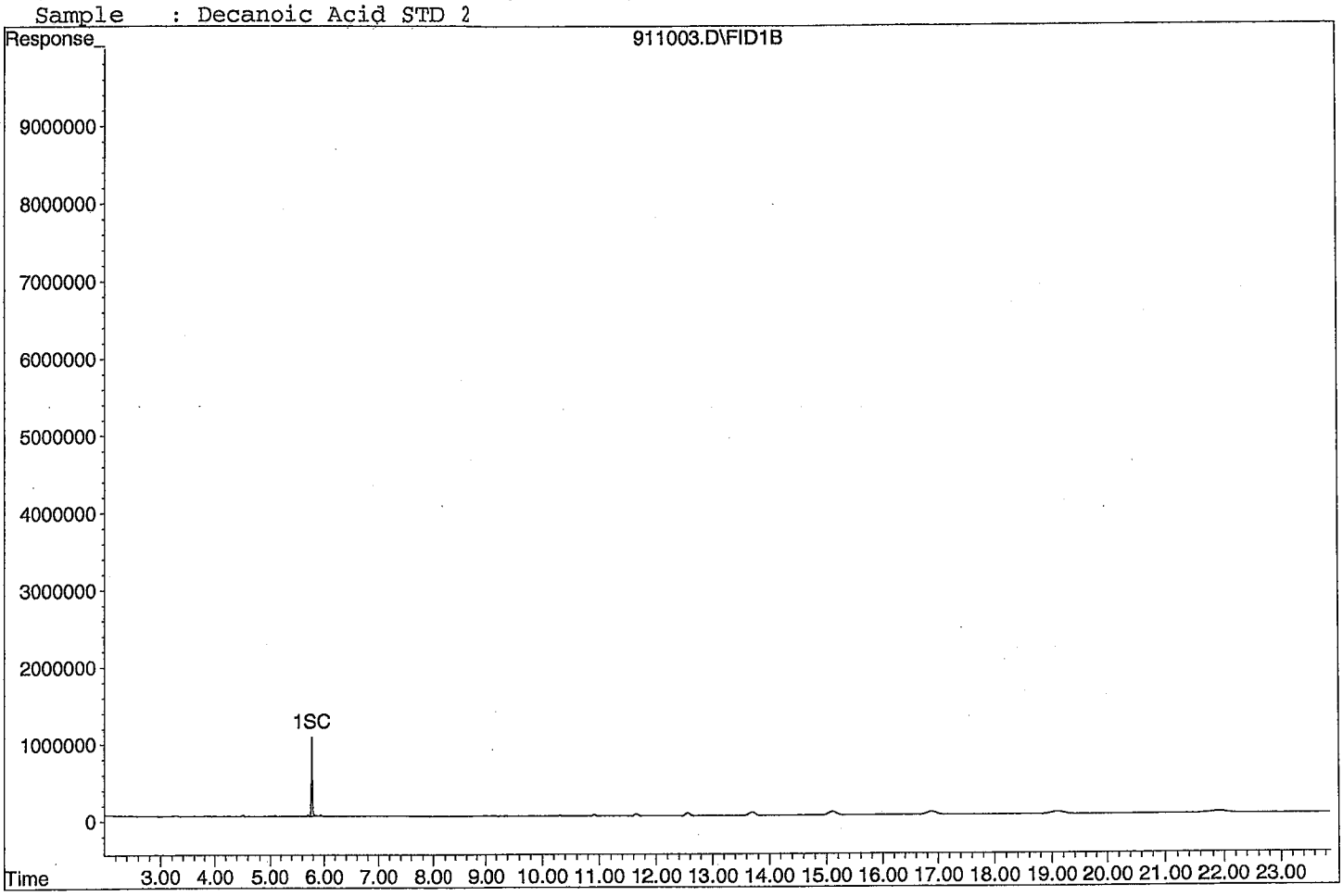
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) SC Decanoic Acid(S)	5.77	13011132	5.070 ppb
Surrogate Spike 24.000		Recovery =	21.13%
Target Compounds			
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.
911003.D DEC0911.M Thu Sep 23 17:12:51 2021 Page 1

Quantitation Report

Data File: G:\APOLLO\DATA\210911\911003.D
Sample : Decanoic Acid STD 2



Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210911\911004.D Vial: 4
Acq On : 9-11-21 11:19:39 Operator: KA
Sample : Decanoic Acid STD 3 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 23 17:12 2021 Quant Results File: DEC0911.RES

Method : G:\APOLLO\DATA\210808\DEC0911.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Sep 13 09:30:16 2021
Response via : Multiple Level Calibration

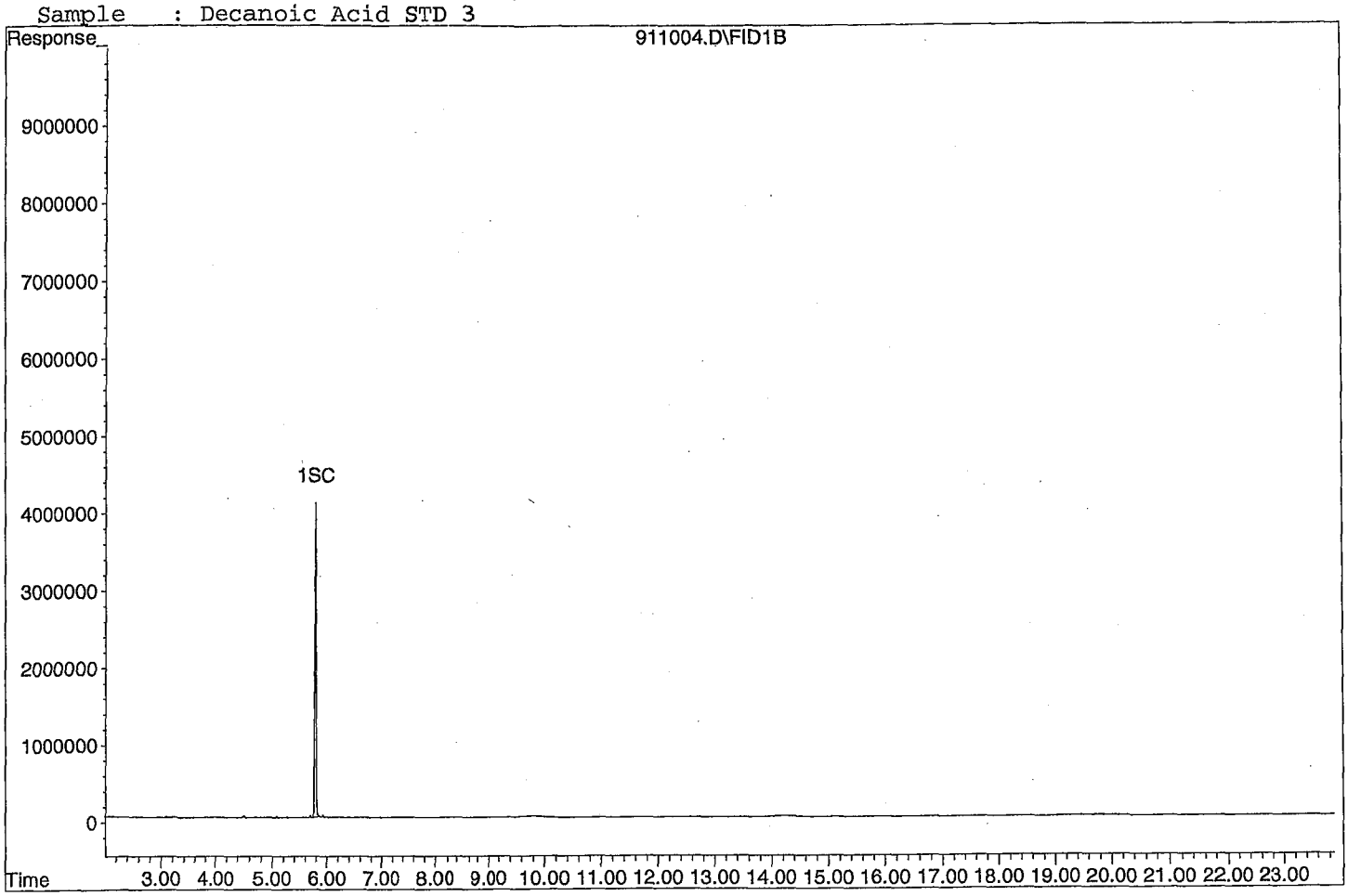
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) SC Decanoic Acid(S)	5.79	63045408	24.568 ppb
Surrogate Spike 24.000	Recovery =		102.37%
Target Compounds			
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File: G:\APOLLO\DATA\210911\911004.D
Sample : Decanoic Acid STD 3



Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210911\911005.D Vial: 5
Acq On : 9-11-21 11:48:04 Operator: KA
Sample : Decanoic Acid STD 4 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 23 17:12 2021 Quant Results File: DEC0911.RES

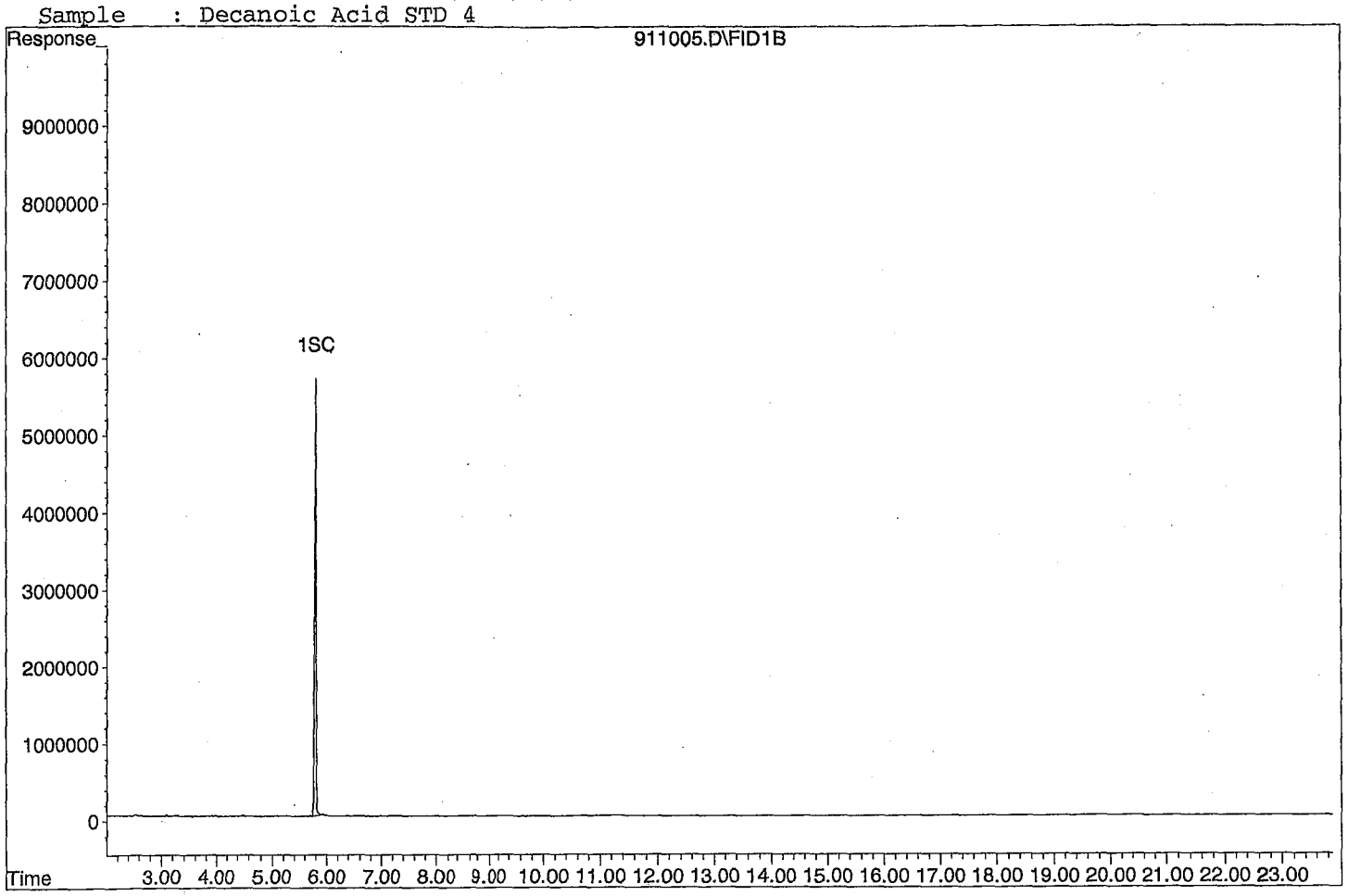
Method : G:\APOLLO\DATA\210808\DEC0911.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Sep 13 09:30:16 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) SC Decanoic Acid(S)	5.80	99696015	38.851 ppb
Surrogate Spike 24.000	Recovery = 161.88%		
Target Compounds			
Target Compounds			

Quantitation Report

Data File: G:\APOLLO\DATA\210911\911005.D
Sample : Decanoic Acid STD 4



Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210911\911006.D Vial: 6
Acq On : 9-11-21 12:16:37 Operator: KA
Sample : Decanoic Acid STD 5 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 23 17:12 2021 Quant Results File: DEC0911.RES

Method : G:\APOLLO\DATA\210808\DEC0911.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Sep 13 09:30:16 2021
Response via : Multiple Level Calibration

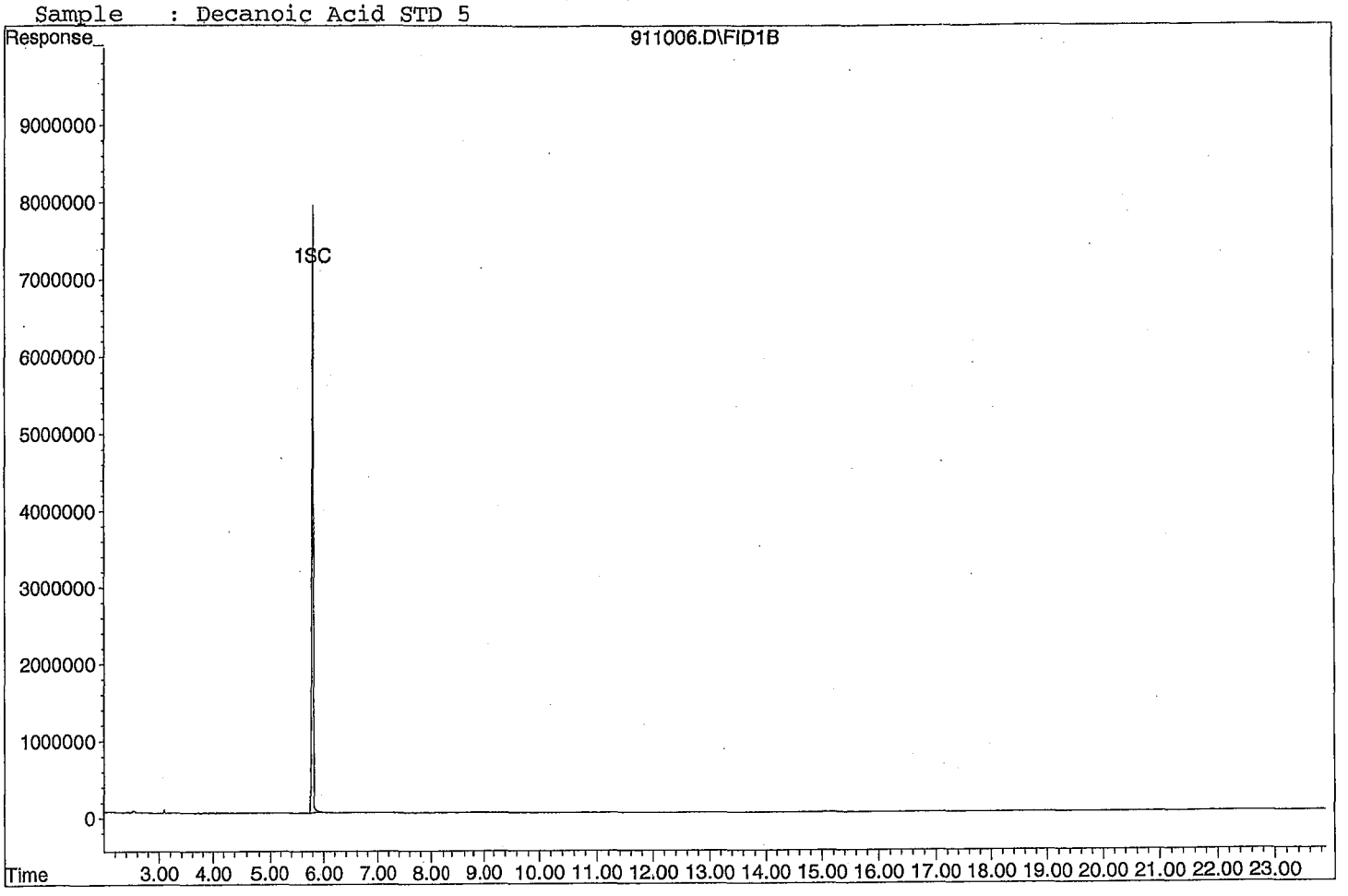
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) SC Decanoic Acid(S)	5.81	146122260	56.942	ppb
Surrogate Spike 24.000		Recovery =	237.26%	
Target Compounds				
Target Compounds				

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File: G:\APOLLO\DATA\210911\911006.D
Sample : Decanoic Acid STD 5



Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210911\911007.D Vial: 7
Acq On : 9-11-21 12:45:02 Operator: KA
Sample : Decanoic Acid STD 6 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 23 17:12 2021 Quant Results File: DEC0911.RES

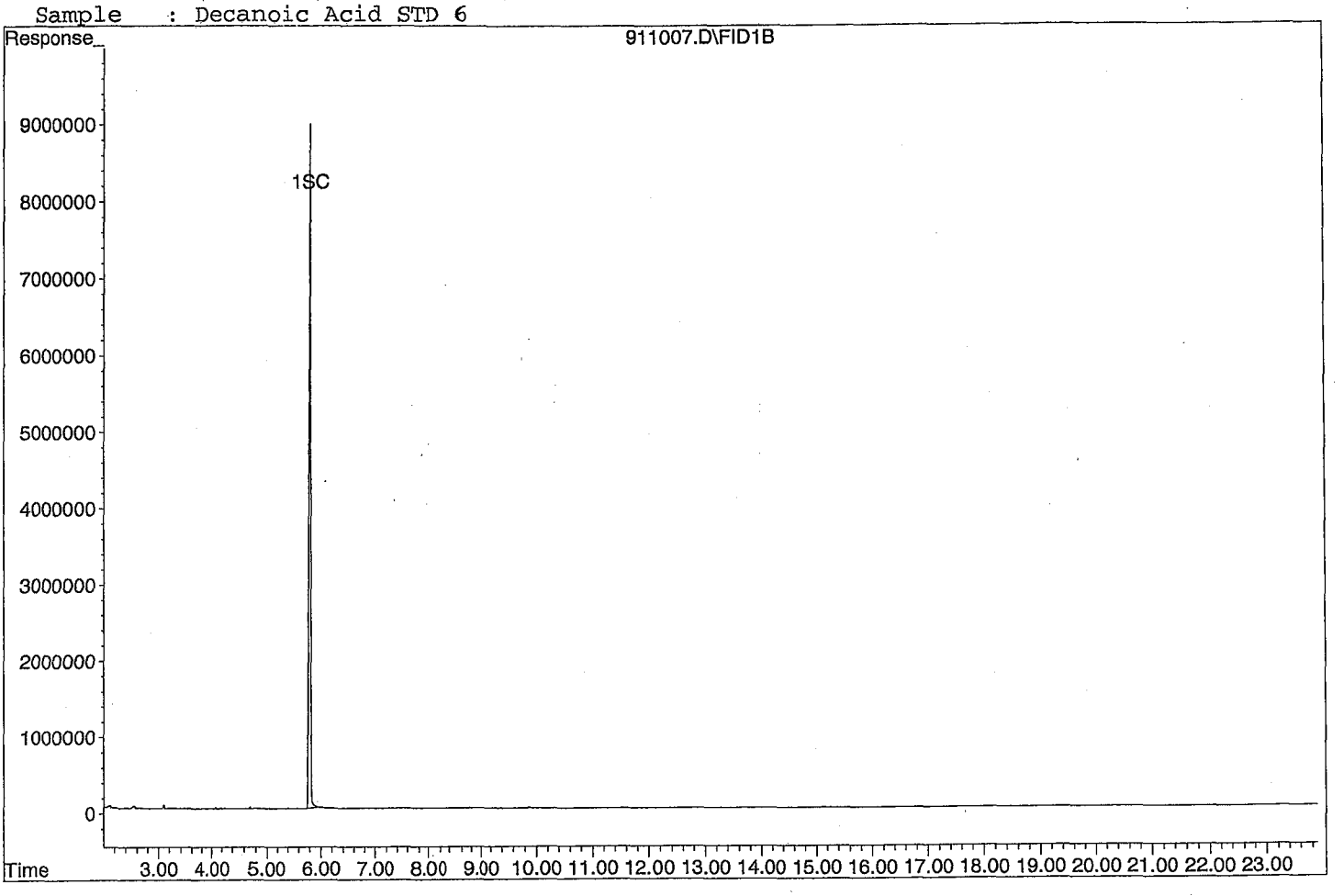
Method : G:\APOLLO\DATA\210808\DEC0911.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Sep 13 09:30:16 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) SC Decanoic Acid(S)	5.81	181192435	70.609 ppb
Surrogate Spike 24.000		Recovery =	294.20%
Target Compounds			
Target Compounds			

Quantitation Report

Data File: G:\APOLLO\DATA\210911\911007.D
Sample : Decanoic Acid STD 6



TPH Extractables
DOC0831

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: Water

SDG No:
Date Analyzed: 10/15/2021
Instrument: Apollo
Initial Cal. Date: 8/30/2021
Data File: 1015003.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2019600	1889430	6.4	HATM	
2	HBTM	Motor Oil (C24-C40)	2035830	1373260	33	HBTML	8.0
3	SA	Ortho-Terphenyl(S)	2590720	2275610	12	SA	
4	SA	Octacosane(S)	1926380	1735880	9.9	SA	
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38							
39							
40							
		Average			15.3		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211015\1015003.D Vial: 3
Acq On : 10-15-21 15:32:44 Operator: KA
Sample : DMO CCV LVL5 STD Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 15 10:58 2021 Quant Results File: DOC0831.RES

Method : G:\APOLLO\DATA\210830\DOC0831.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 22 10:47:59 2021
Response via : Multiple Level Calibration

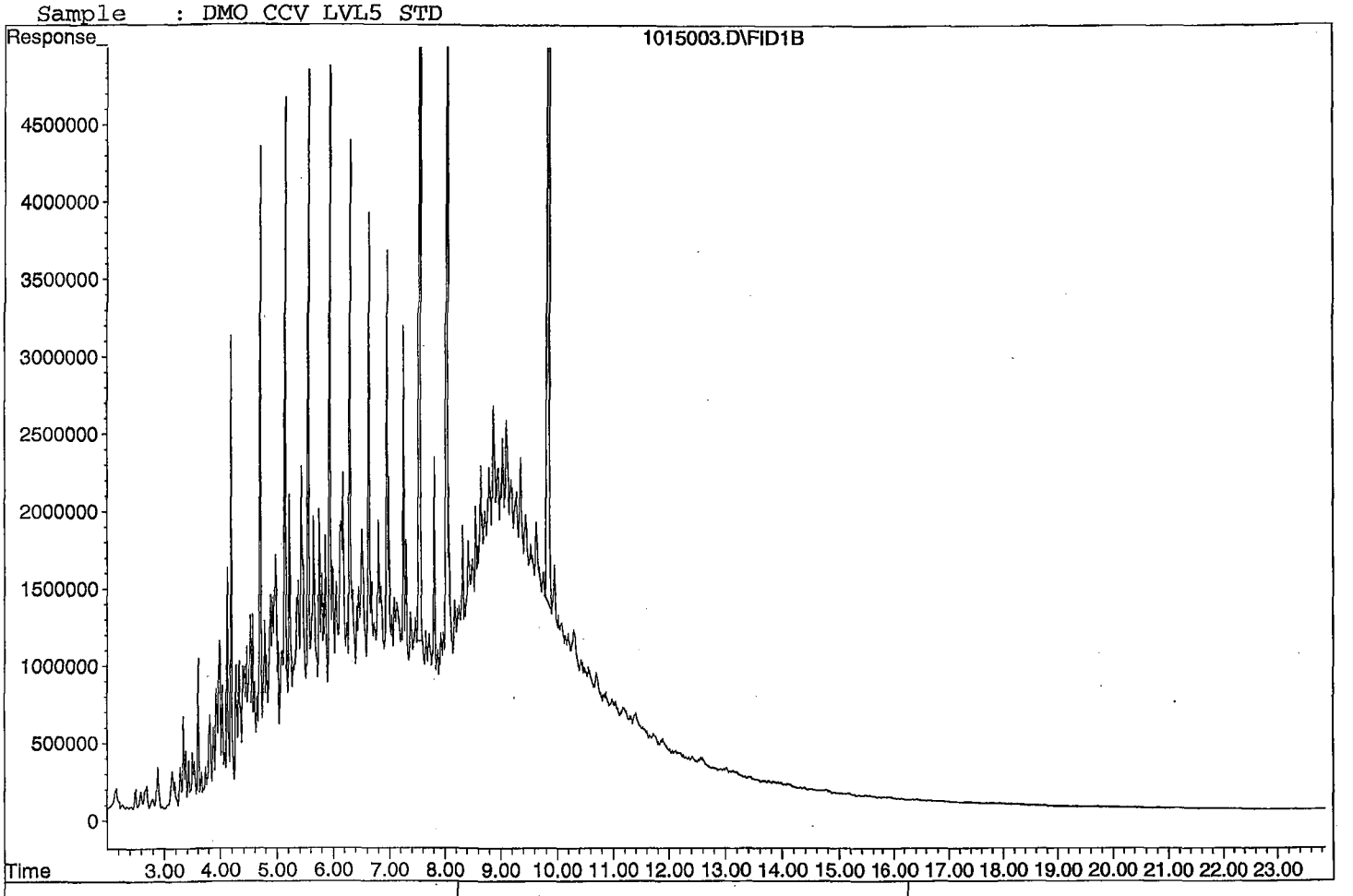
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

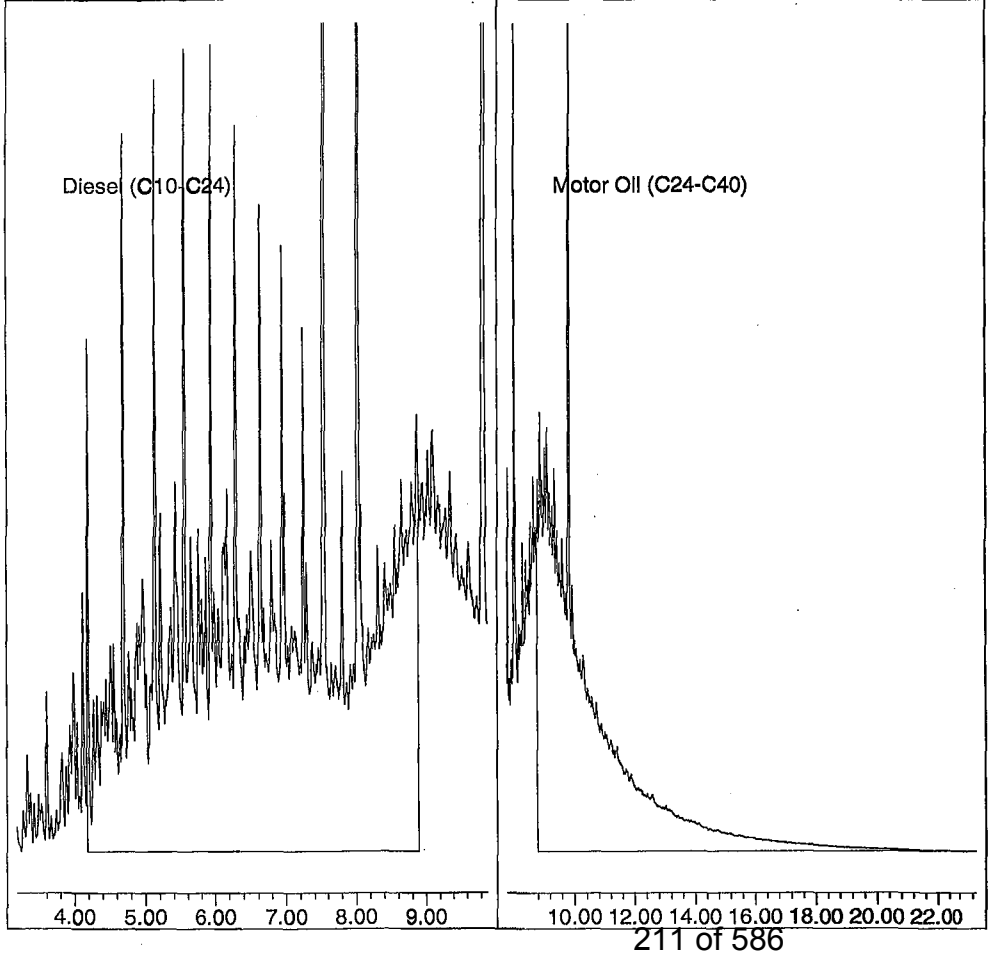
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
3) SA Ortho-Terphenyl(S)	7.53	227561097	43.919	ppb
Surrogate Spike 30.000		Recovery =	146.40%	
4) SA Octacosane(S)	9.83	173587935	45.056	ppb
Surrogate Spike 30.000		Recovery =	150.19%	
Target Compounds				
1) HATM Diesel (C10-C24)	6.54	3778853770	935.547	ppb
2) HBTM Motor Oil (C24-C40)	15.55	2746521637	920.262	ppb

Target Compounds

(f)=RT Delta > 1/2 Window (m)=manual int.
1015003.D DOC0831.M Mon Nov 22 12:49:40 2021 Page 1

Data File: G:\APOLLO\DATA\211015\1015003.D
Sample : DMO CCV LVL5 STD





TPH Extractables
DEC0911

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: Water

SDG No:
Date Analyzed: 10/15/2021
Instrument: Apollo
Initial Cal. Date: 9/11/2021
Data File: 1015004.D

		Compound	MEAN	CCRF	%D	%Drift	
1	SC	Decanoic Acid(S)	1283070	1220230	4.9	SC	
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
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20							
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22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
		Average			4.9		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211015\1015004.D Vial: 4
Acq On : 10-15-21 16:00:56 Operator: KA
Sample : Decanoic Acid CCV 10/08/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 15 10:37 2021 Quant Results File: DEC0911.RES

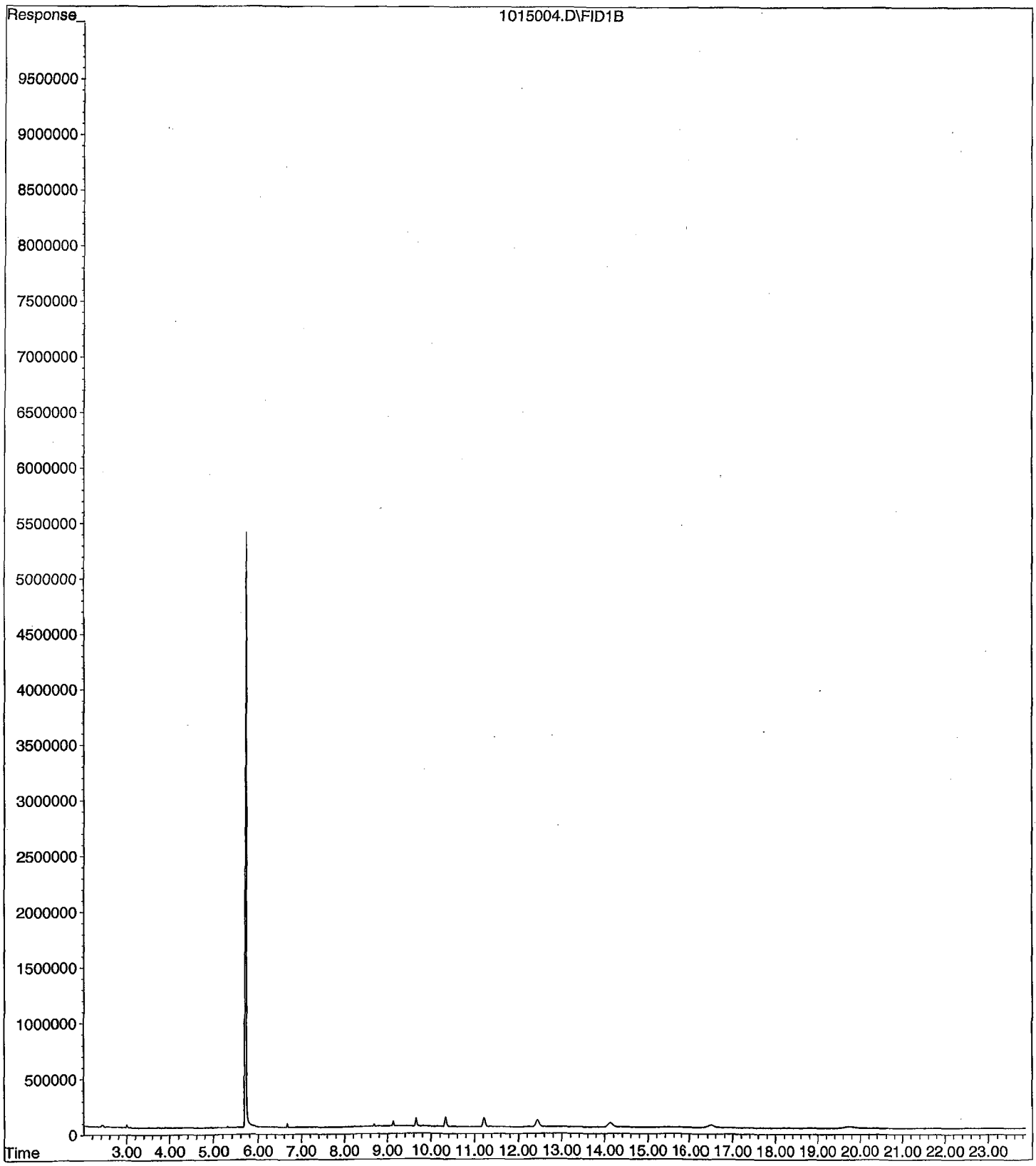
Method : G:\APOLLO\DATA\210911\DEC0911.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 05 10:50:06 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) SC Decanoic Acid(S)	5.72f	87856736	34.237 ppb
Surrogate Spike 24.000	Recovery =		142.65%
Target Compounds			
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

File : G:\APOLLO\DATA\211015\1015004.D
Operator : KA
Acquired : 10-15-21 16:00:56 using AcqMethod TPHSN.M
Instrument : Apollo
Sample Name: Decanoic Acid CCV 10/08/21
Misc Info : water
Vial Number: 4



TPH Extractables
DOC0831

Form 7
Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: Water

SDG No:
Date Analyzed: 10/15/2021
Instrument: Apollo
Initial Cal. Date: 8/30/2021
Data File: 1015018.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2019600	1885260	6.7	HATM	
2	HBTM	Motor Oil (C24-C40)	2035830	1341920	34	HBTML	10
3	SA	Ortho-Terphenyl(S)	2590720	2283500	12	SA	
4	SA	Octacosane(S)	1926380	1726360	10	SA	
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
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30							
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33							
34							
35							
36							
37							
38							
39							
40							
		Average			15.7		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211015\1015018.D Vial: 18
Acq On : 10-15-21 22:36:21 Operator: KA
Sample : DMO CCV LVL5 STD Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 15 11:52 2021 Quant Results File: DOC0831.RES

Method : G:\APOLLO\DATA\210830\DOC0831.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 22 10:47:59 2021
Response via : Multiple Level Calibration

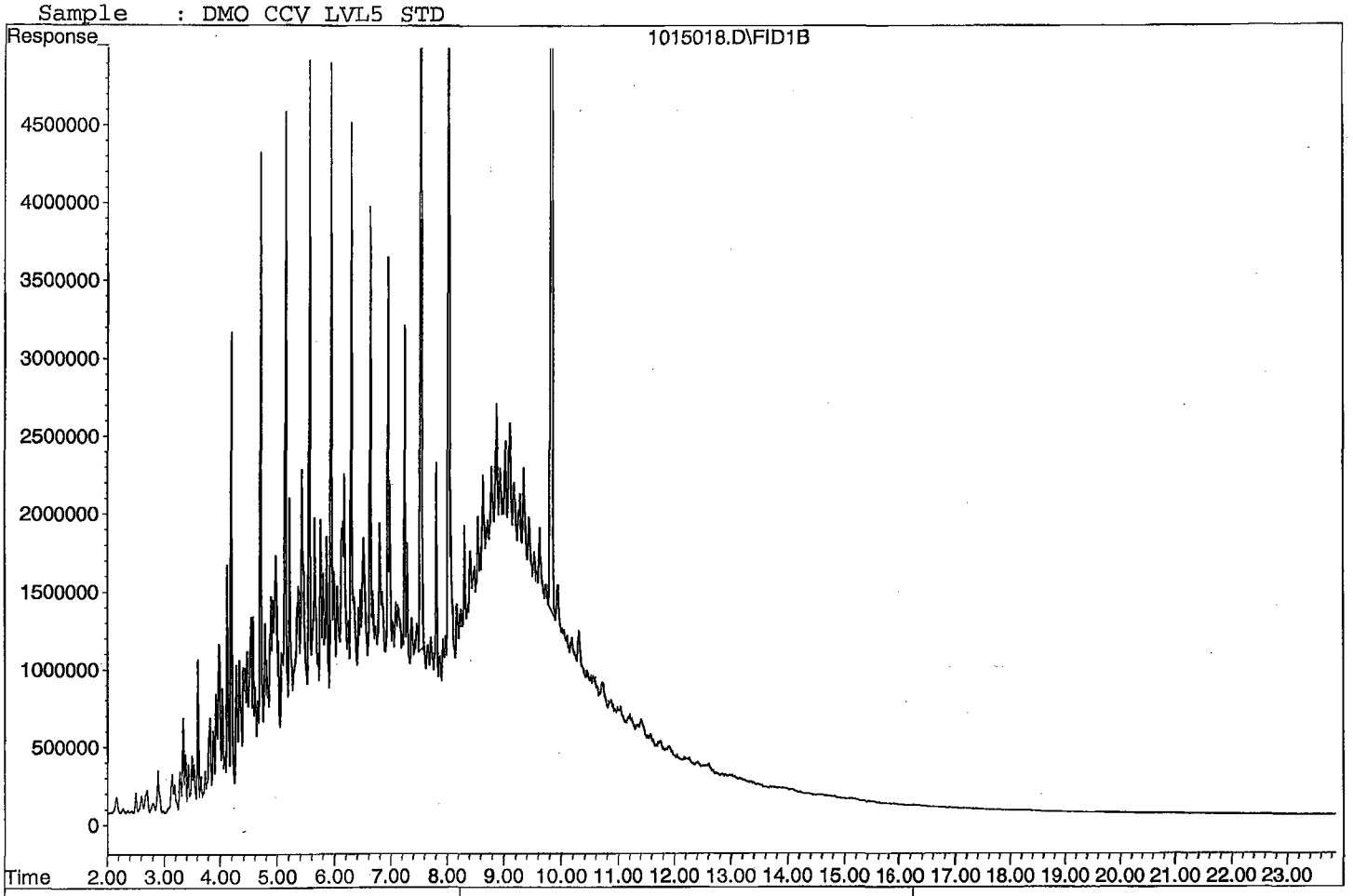
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

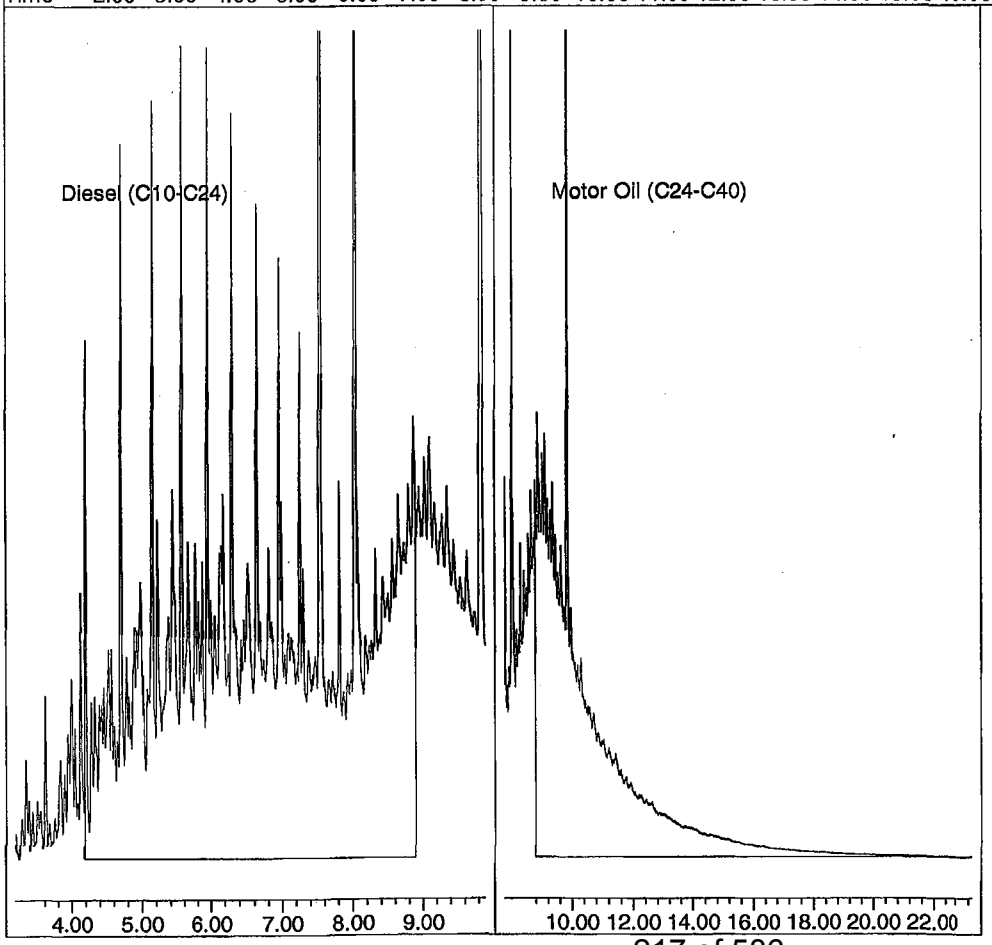
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	228350136	44.071 ppb
Surrogate Spike 30.000		Recovery =	146.90%
4) SA Octacosane(S)	9.83	172635674	44.808 ppb
Surrogate Spike 30.000		Recovery =	149.36%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	3770529442	933.486 ppb
2) HBTM Motor Oil (C24-C40)	15.55	2683847472	899.078 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.
1015018.D DOC0831.M Mon Nov 22 12:50:05 2021 Page 1

Quantitation Report

Data File: G:\APOLLO\DATA\211015\1015018.D
Sample : DMO CCV LVL5 STD





TPH Extractables
DEC0911

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: Water

SDG No:
Date Analyzed: 10/15/2021
Instrument: Apollo
Initial Cal. Date: 9/11/2021
Data File: 1015019.D

		Compound	MEAN	CCRF	%D	%Drift	
1	SC	Decanoic Acid(S)	1283070	1247000	2.8	SC	
2							
3							
4							
5							
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31							
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34							
35							
36							
37							
38							
39							
40							
		Average			2.8		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211015\1015019.D Vial: 19
Acq On : 10-15-21 23:04:25 Operator: KA
Sample : Decanoic Acid CCV 10/08/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 15 10:40 2021 Quant Results File: DEC0911.RES

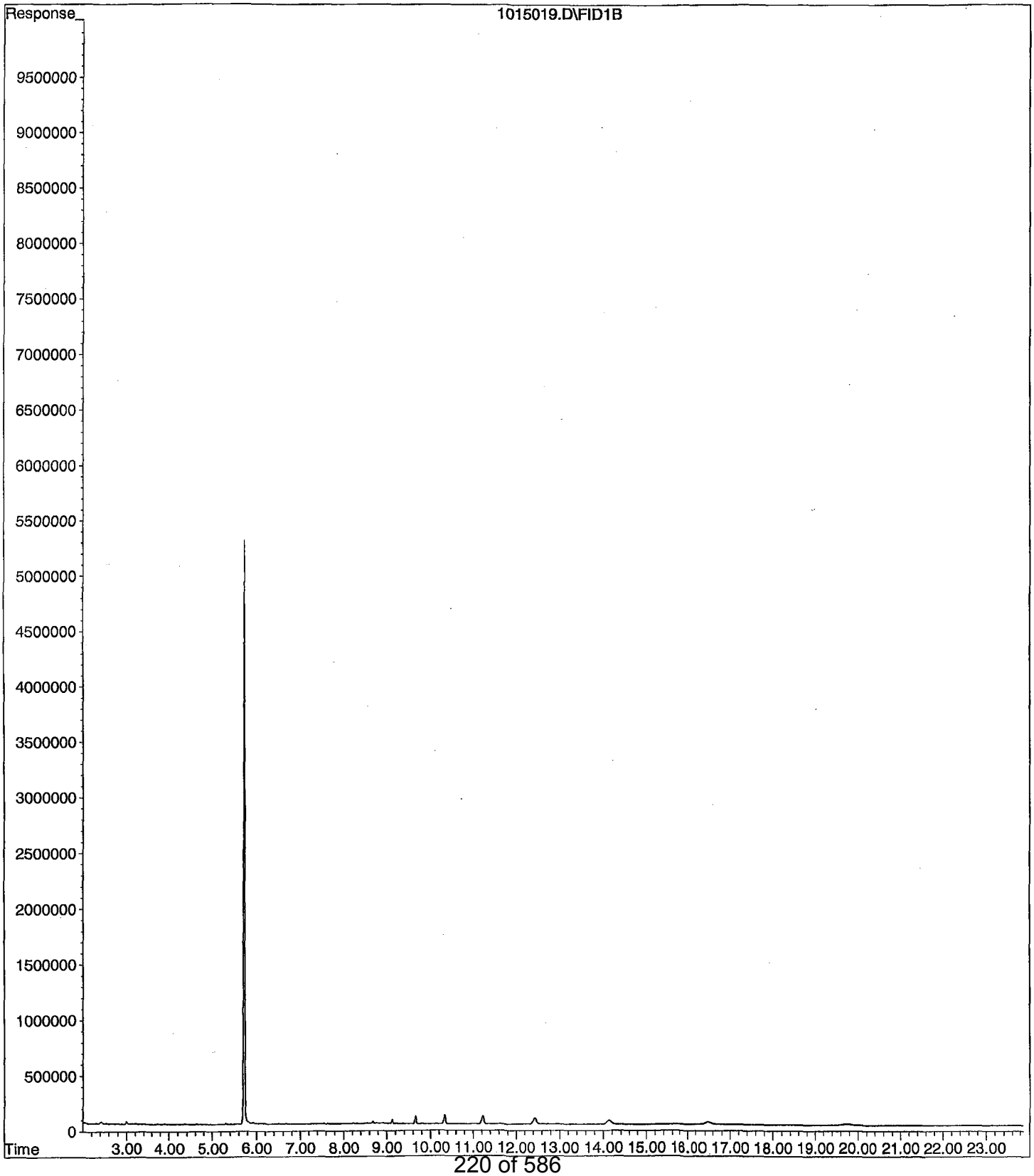
Method : G:\APOLLO\DATA\210911\DEC0911.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 05 10:50:06 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) SC Decanoic Acid(S)	5.72f	89784068	34.988 ppb
Surrogate Spike 24.000	Recovery	=	145.78%
Target Compounds			
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.
1015019.D DEC0911.M Mon Nov 22 12:50:50 2021 Page 1

File : G:\APOLLO\DATA\211015\1015019.D
Operator : KA
Acquired : 10-15-21 23:04:25 using AcqMethod TPHSN.M
Instrument : Apollo
Sample Name: Decanoic Acid CCV 10/08/21
Misc Info : water
Vial Number: 19



ORGANICS
Raw Data

Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211015\1015013.D Vial: 13
Acq On : 10-15-21 20:15:27 Operator: KA
Sample : BA42512W09 5/1040 SG Inst : Apollo
Misc : water Multiplr: 4.81
IntFile : events.e
Quant Time: Nov 15 11:49 2021 Quant Results File: DOC0831.RES

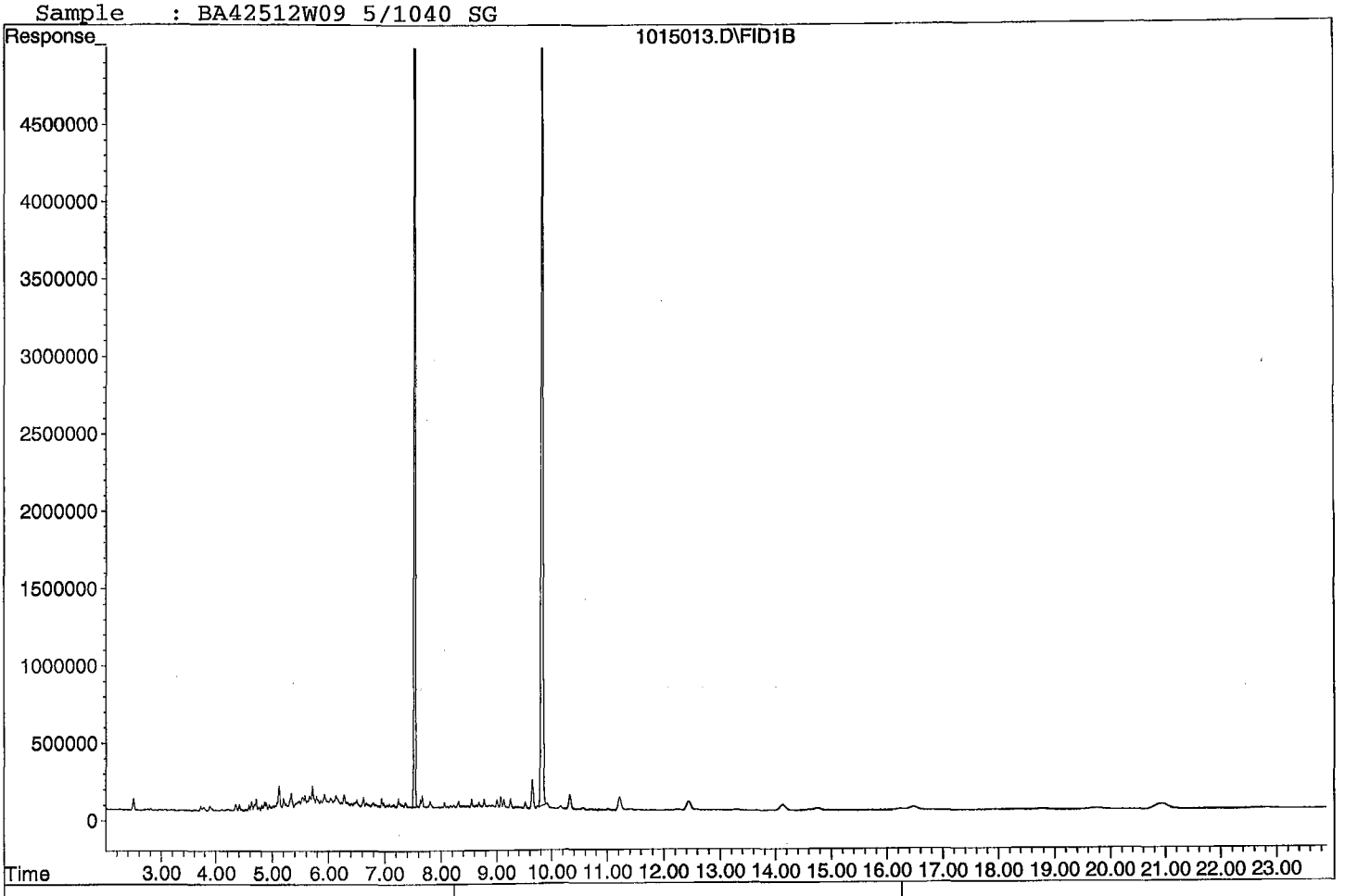
Method : G:\APOLLO\DATA\210830\DOC0831.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 22 10:47:59 2021
Response via : Multiple Level Calibration

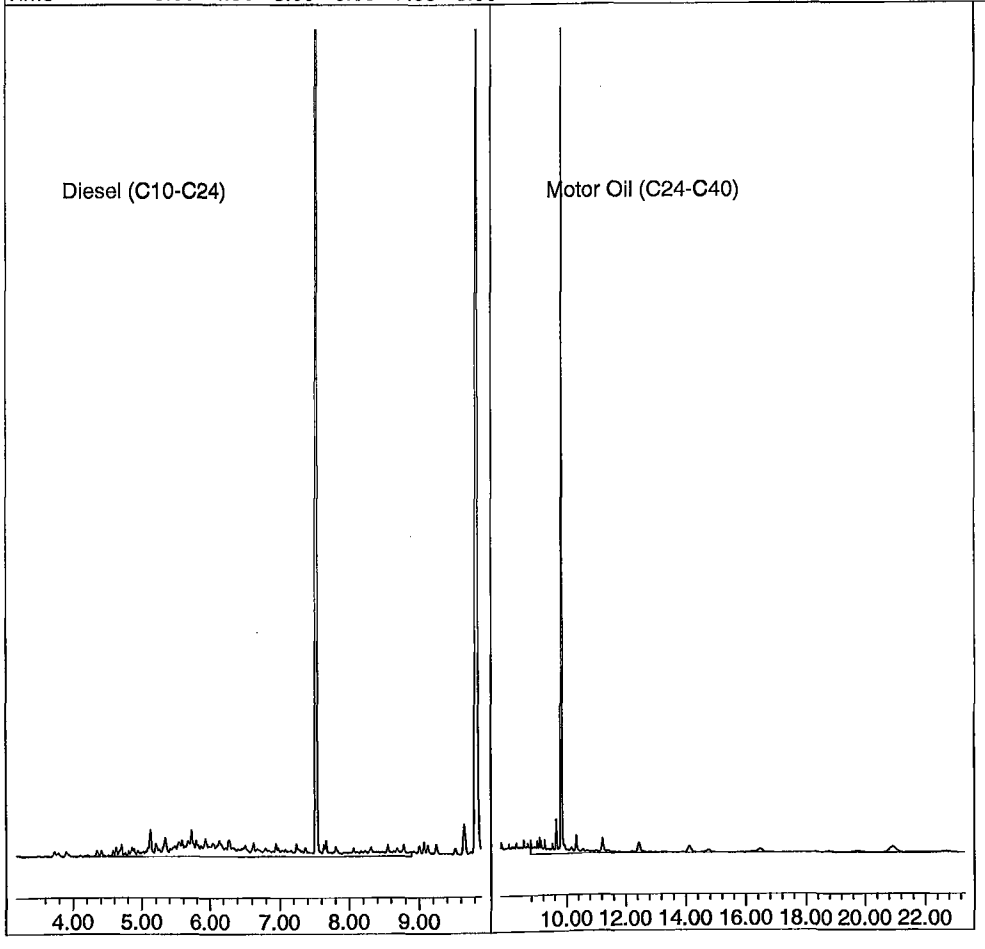
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	132240066	122.701 ppb
Surrogate Spike 144.231		Recovery =	85.07%
4) SA Octacosane(S)	9.82	120803906	150.746 ppb
Surrogate Spike 144.231		Recovery =	104.52%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	112577214	133.996 ppb
2) HBTM Motor Oil (C24-C40)	15.55	93306064	112.804 ppb

Target Compounds

Data File: G:\APOLLO\DATA\211015\1015013.D
Sample : BA42512W09 5/1040 SG





Quantitation Report (QT Reviewed)

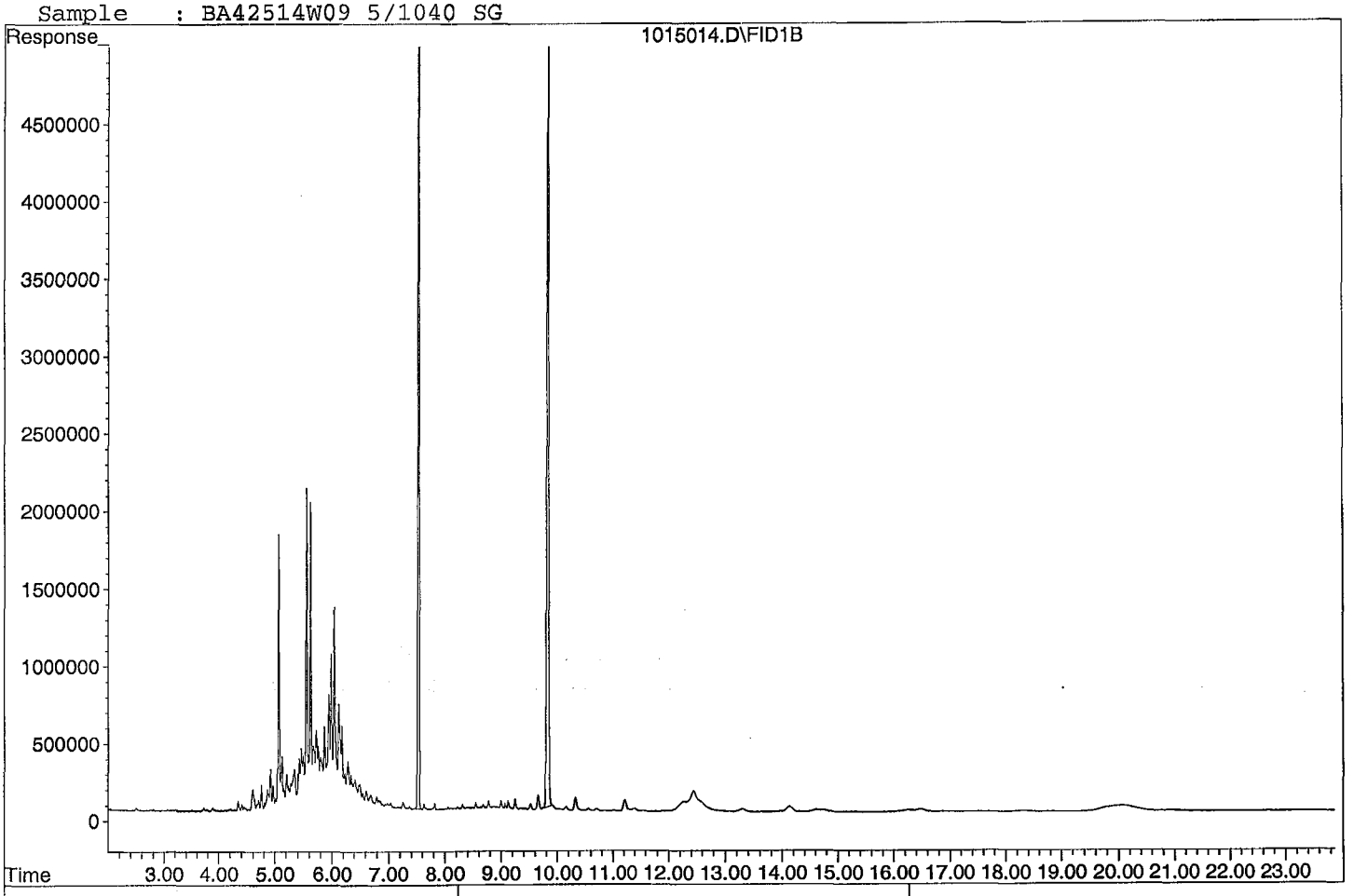
Data File : G:\APOLLO\DATA\211015\1015014.D Vial: 14
Acq On : 10-15-21 20:43:41 Operator: KA
Sample : BA42514W09 5/1040 SG Inst : Apollo
Misc : water Multiplr: 4.81
IntFile : events.e
Quant Time: Nov 15 11:50 2021 Quant Results File: DOC0831.RES

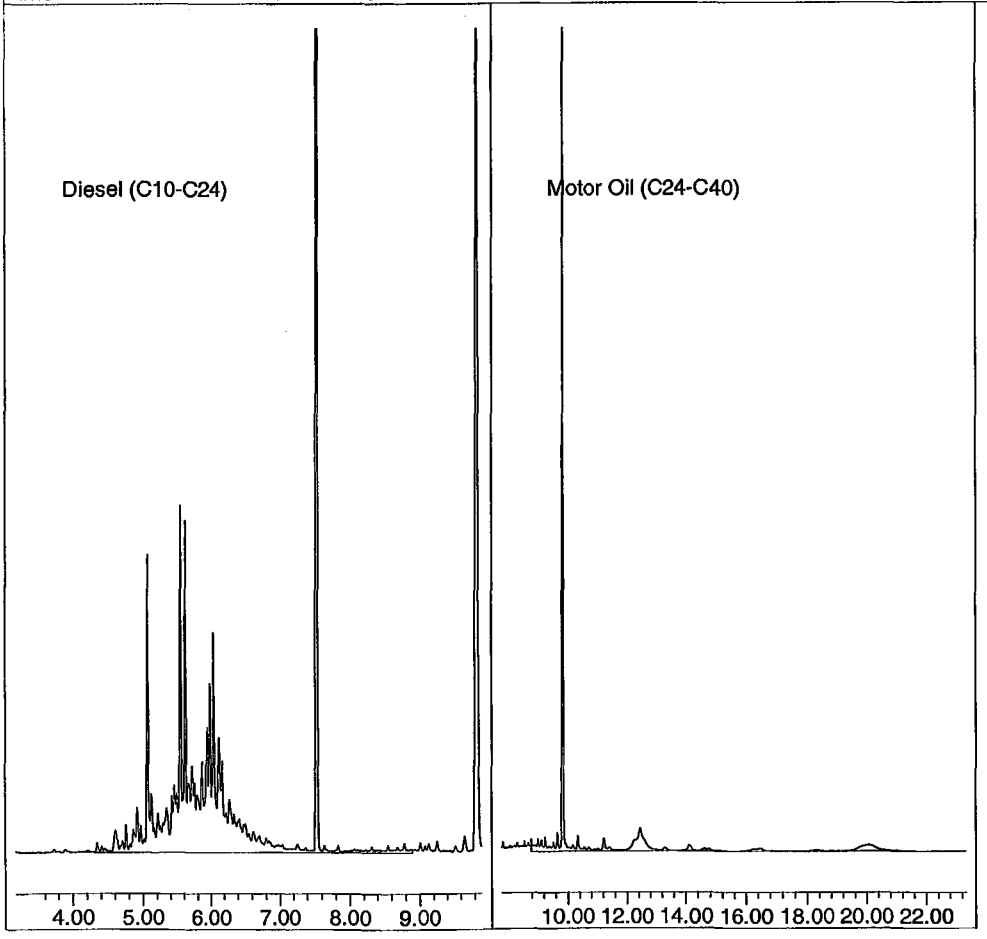
Method : G:\APOLLO\DATA\210830\DOC0831.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 22 10:47:59 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	137439911	127.526 ppb
Surrogate Spike 144.231		Recovery =	88.42%
4) SA Octacosane(S)	9.83	124557129	155.430 ppb
Surrogate Spike 144.231		Recovery =	107.76%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	399743698	475.799 ppb
2) HBTM Motor Oil (C24-C40)	15.55	119979916	156.150 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\211015\1015014.D
Sample : BA42514W09 5/1040 SG





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211015\1015015.D Vial: 15
Acq On : 10-15-21 21:11:51 Operator: KA
Sample : BA42516W09 5/1040 SG Inst : Apollo
Misc : water Multiplr: 4.81
IntFile : events.e
Quant Time: Nov 15 11:50 2021 Quant Results File: DOC0831.RES

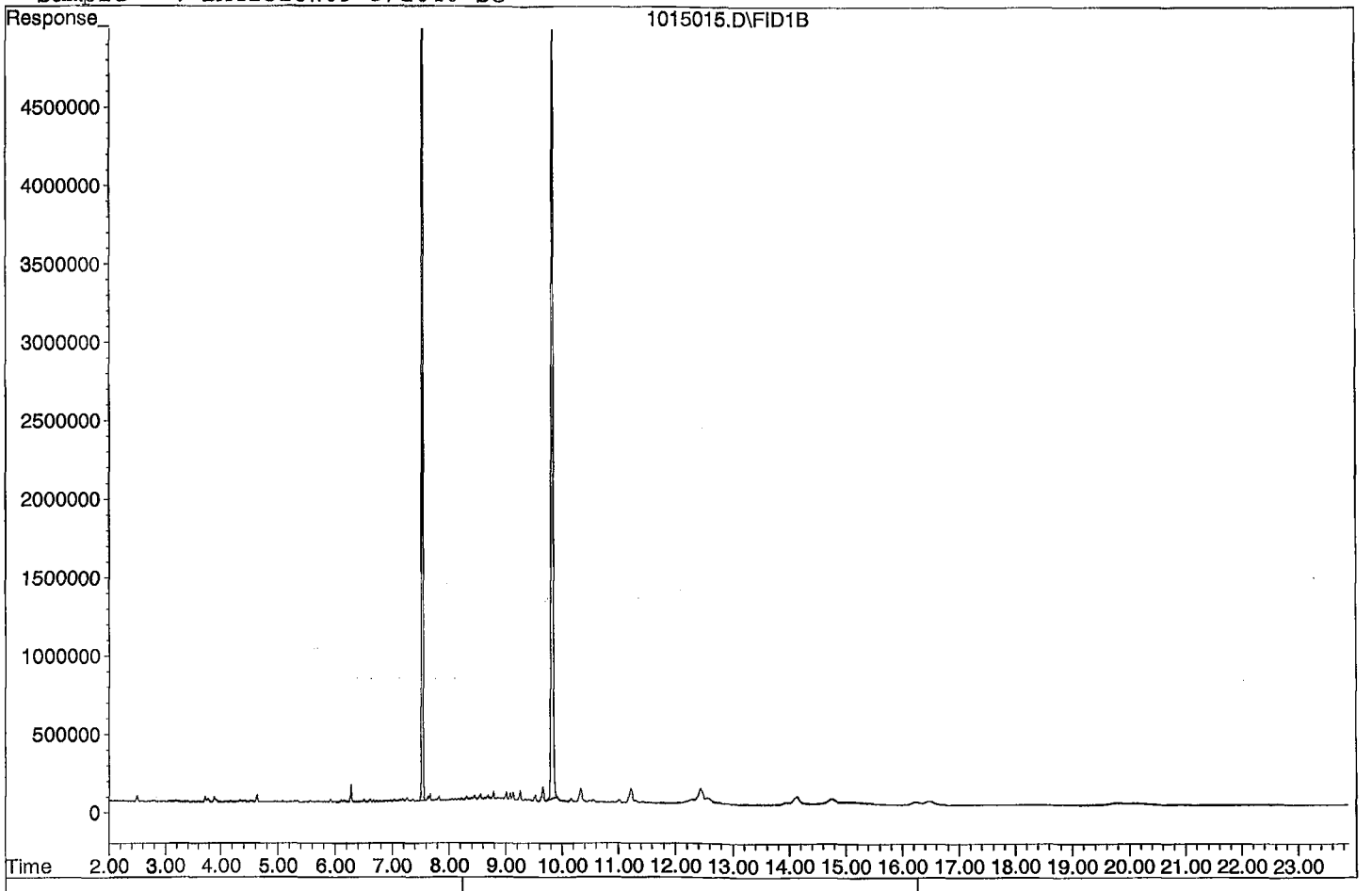
Method : G:\APOLLO\DATA\210830\DOC0831.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 22 10:47:59 2021
Response via : Multiple Level Calibration

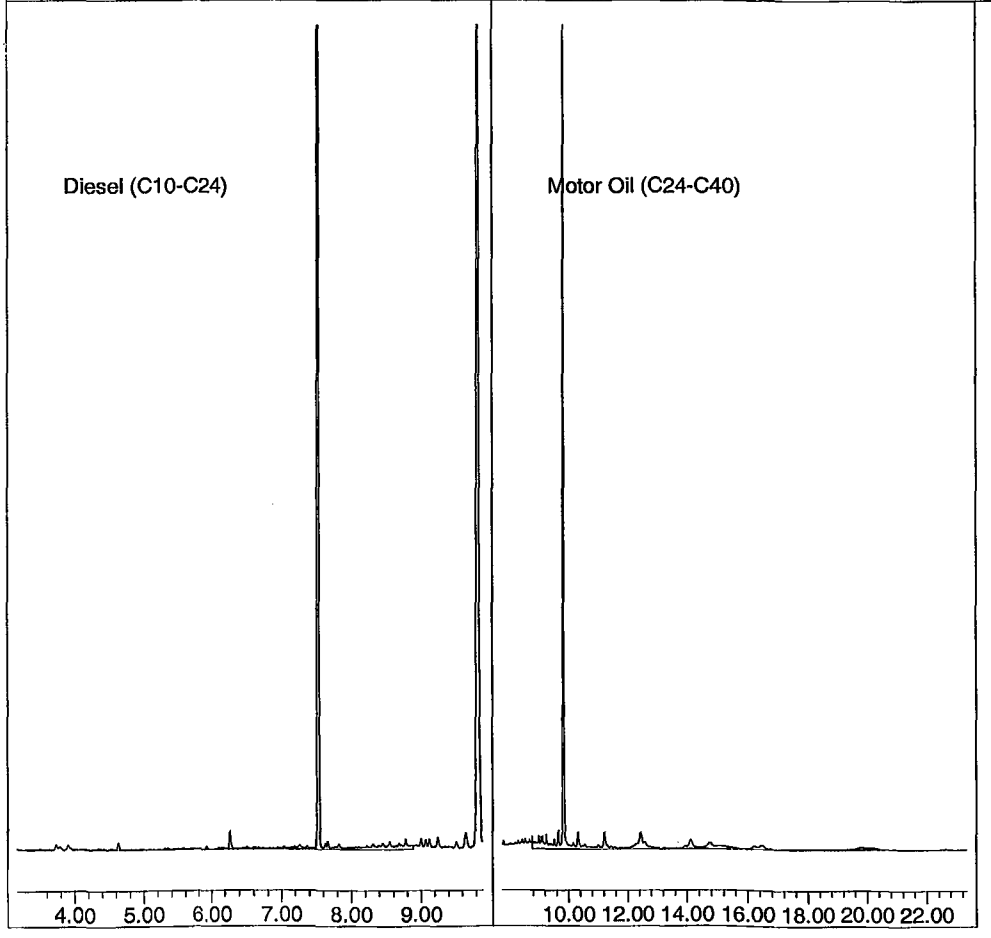
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	142776807	132.478 ppb
Surrogate Spike 144.231		Recovery =	91.85%
4) SA Octacosane(S)	9.83	128691508	160.589 ppb
Surrogate Spike 144.231		Recovery =	111.34%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	30348012	36.122 ppb
2) HBTM Motor Oil (C24-C40)	15.55	115850072	149.439 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File: G:\APOLLO\DATA\211015\1015015.D
Sample : BA42516W09 5/1040 SG





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211015\1015016.D Vial: 16
Acq On : 10-15-21 21:40:03 Operator: KA
Sample : BA42518W09 5/1040 SG Inst : Apollo
Misc : water Multiplr: 4.81
IntFile : events.e
Quant Time: Nov 15 11:51 2021 Quant Results File: DOC0831.RES

Method : G:\APOLLO\DATA\210830\DOC0831.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 22 10:47:59 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

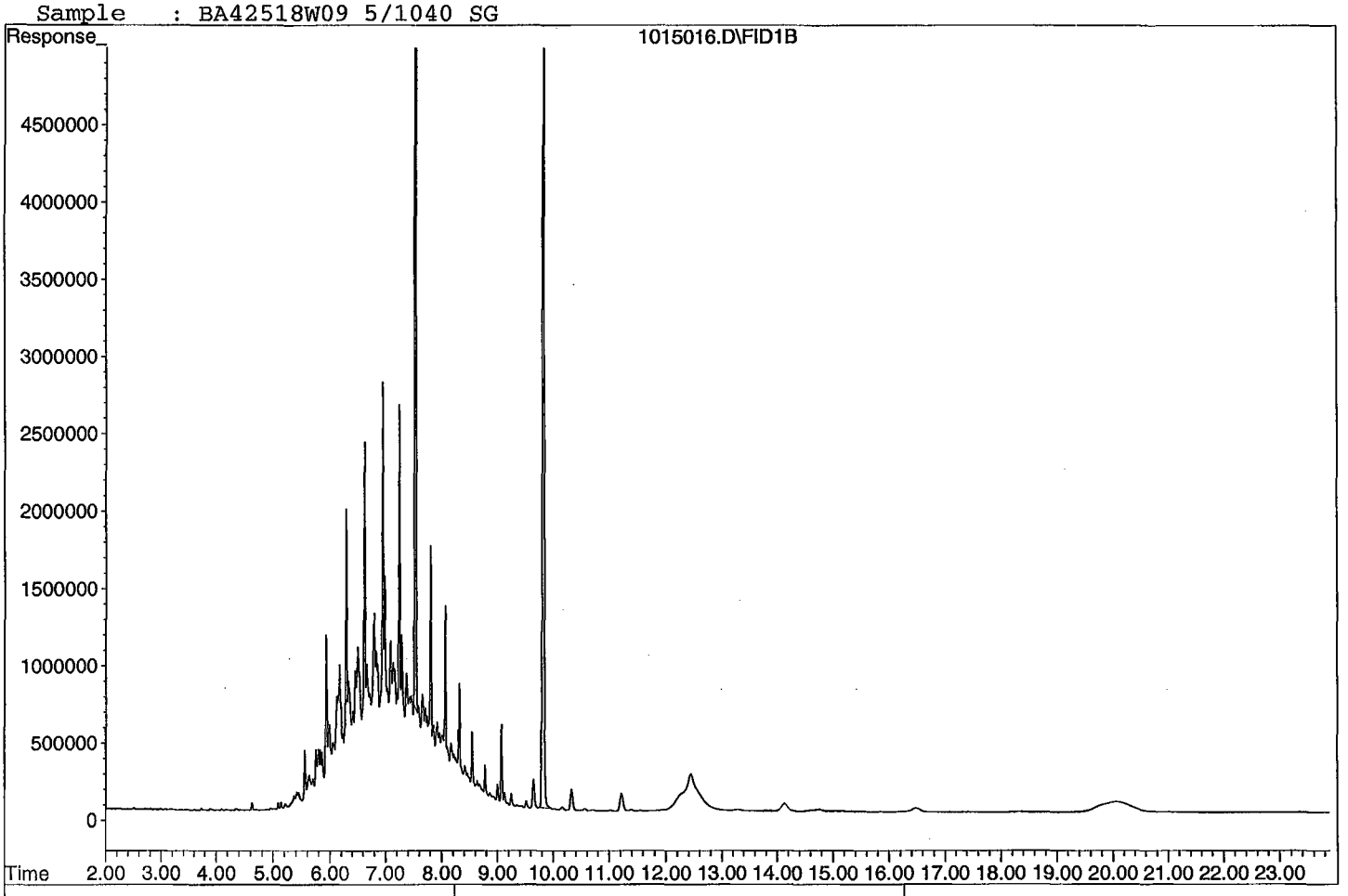
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	155271575	144.072 ppb
Surrogate Spike 144.231		Recovery =	99.89%
4) SA Octacosane(S)	9.83	126403082	157.733 ppb
Surrogate Spike 144.231		Recovery =	109.36%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	1216545058	1448.005 ppb
2) HBTM Motor Oil (C24-C40)	15.55	198291157	283.407 ppb

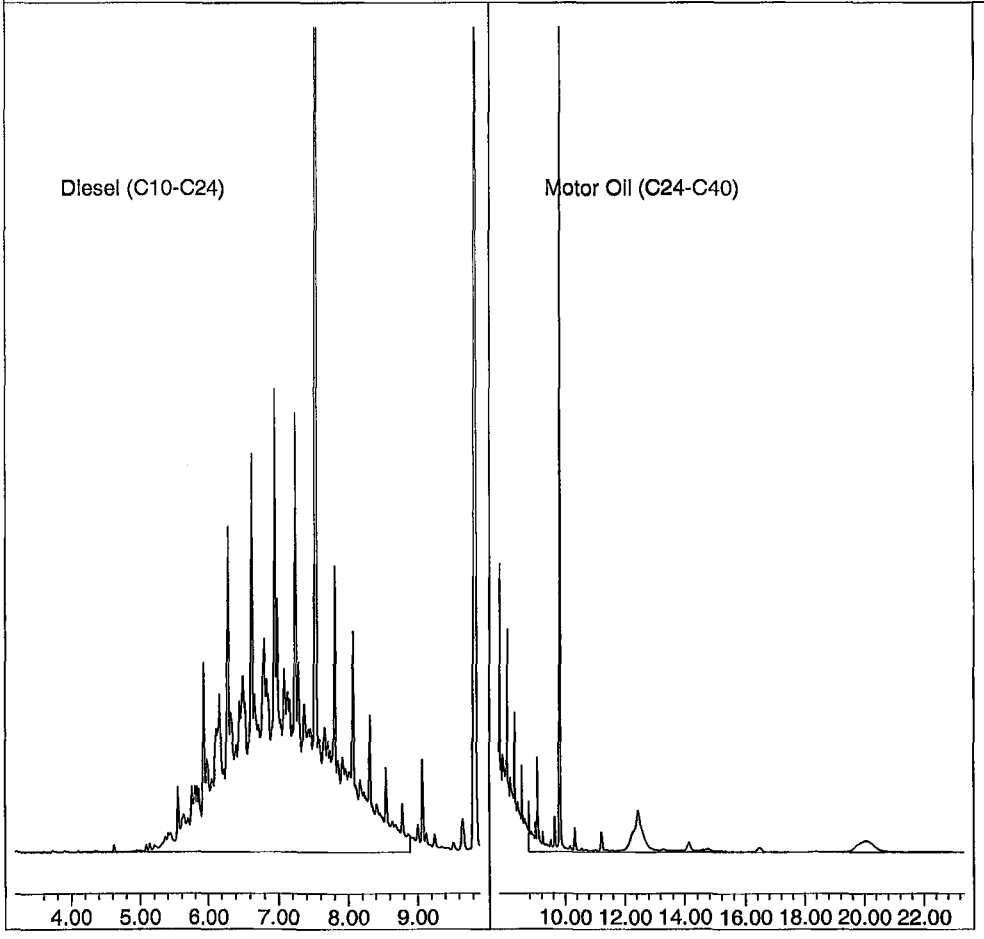
Target Compounds

(f)=RT Delta > 1/2 Window

(m)=manual int.
1015016.D DOC0831.M Mon Nov 22 12:50:02 2021 Page 1

Data File: G:\APOLLO\DATA\211015\1015016.D
Sample : BA42518W09 5/1040 SG





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211015\1015005.D Vial: 5
Acq On : 10-15-21 16:29:11 Operator: KA
Sample : 211011A BLK 5/1000 SG Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 15 11:26 2021 Quant Results File: DOC0831.RES

Method : G:\APOLLO\DATA\210830\DOC0831.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 22 10:47:59 2021
Response via : Multiple Level Calibration

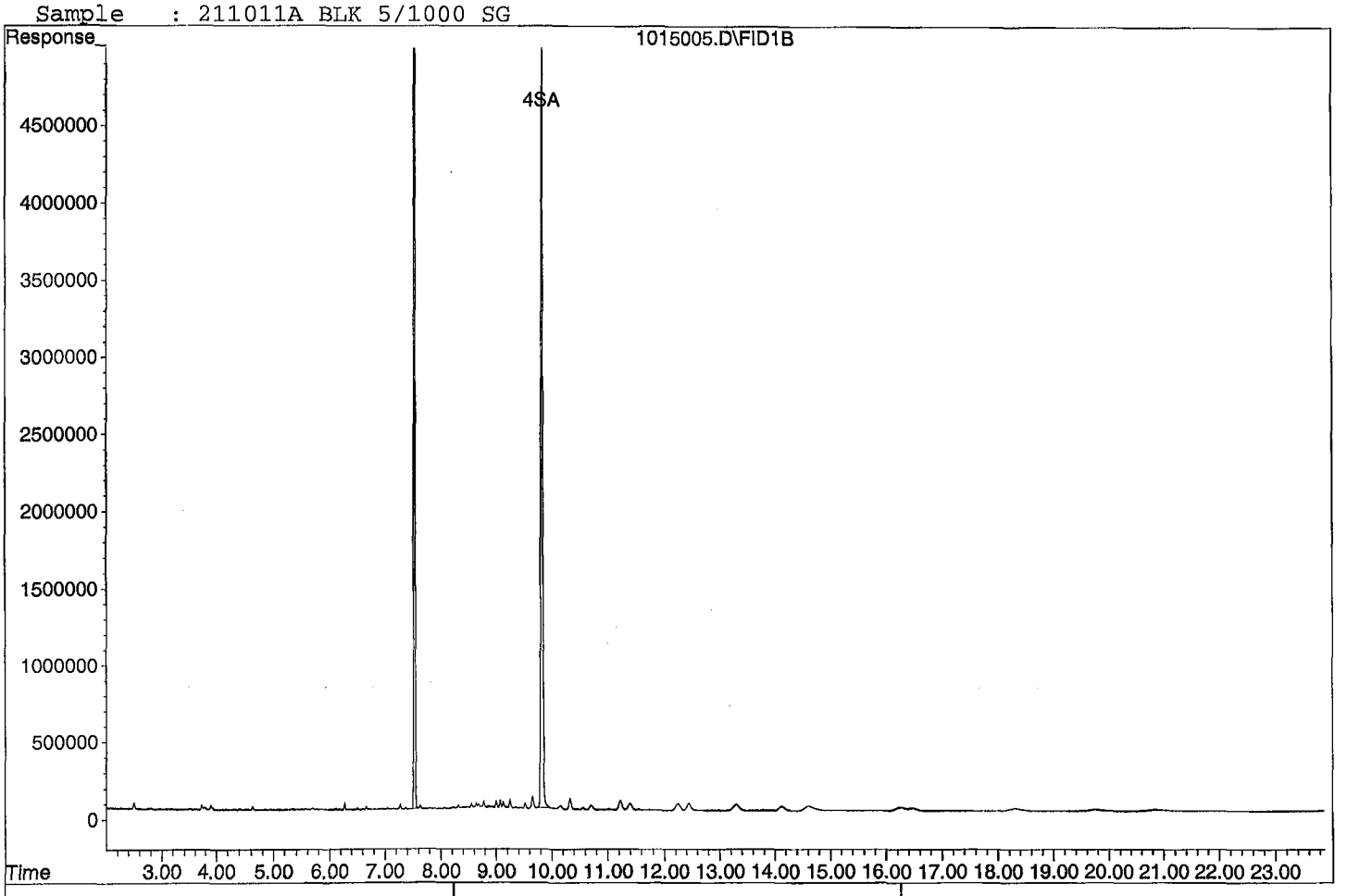
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

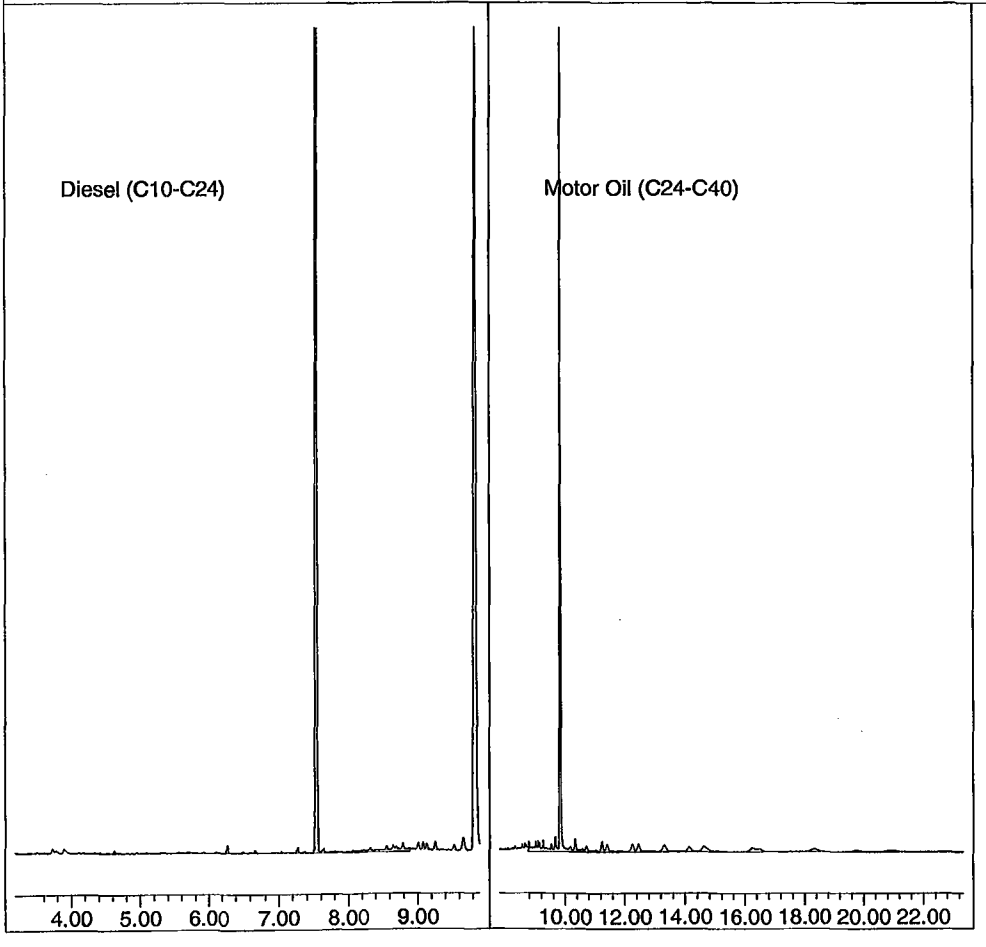
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	123892454	119.554 ppb
Surrogate Spike 150.000		Recovery =	79.70%
4) SA Octacosane(S)	9.83	112653749	146.199 ppb
Surrogate Spike 150.000		Recovery =	97.47%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	18126827	22.439 ppb
2) HBTM Motor Oil (C24-C40)	15.55	83387919	100.555 ppb

Target Compounds

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File: G:\APOLLO\DATA\211015\1015005.D
Sample : 211011A BLK 5/1000 SG





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211015\1015006.D Vial: 6
Acq On : 10-15-21 16:57:21 Operator: KA
Sample : 211011A LCS-1 5/1000 SG Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 15 11:28 2021 Quant Results File: DOC0831.RES

Method : G:\APOLLO\DATA\210830\DOC0831.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 22 10:47:59 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

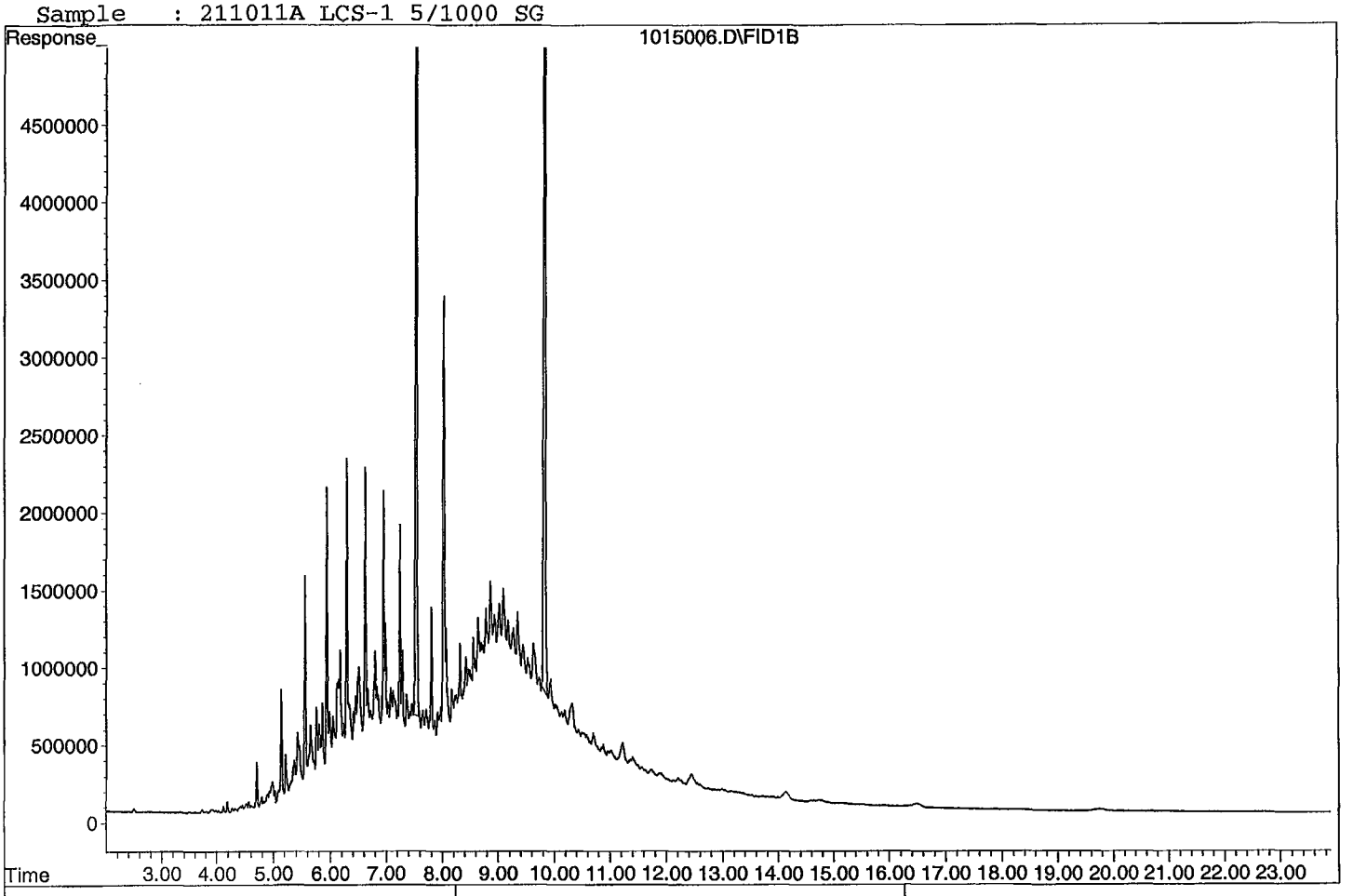
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	159754262	154.160 ppb
Surrogate Spike 150.000		Recovery =	102.77%
4) SA Octacosane(S)	9.83	124994150	162.214 ppb
Surrogate Spike 150.000		Recovery =	108.14%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	1687371554	2088.748 ppb
2) HBTM Motor Oil (C24-C40)	15.55	1611213426	2682.613 ppb
Target Compounds			

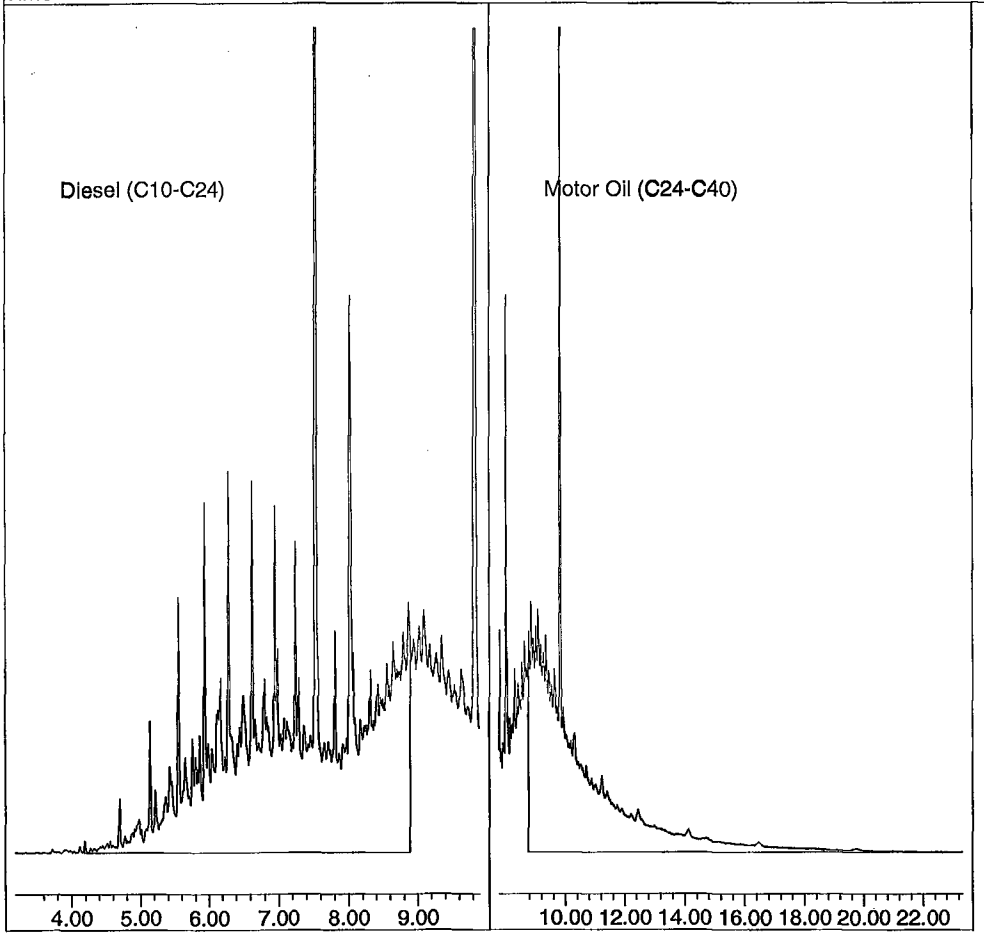
Diesel:

$$\frac{(1687371554)(5)}{(2019597)(2)} = \frac{8436857770}{4039194} = \boxed{2088.748}$$

(f)=RT Delta > 1/2 Window
1015006.D DOC0831.M Mon Nov 22 12:49:44 2021 (m)=manual int.

Data File: G:\APOLLO\DATA\211015\1015006.D
Sample : 211011A LCS-1 5/1000 SG





Quantitation Report (QT Reviewed)

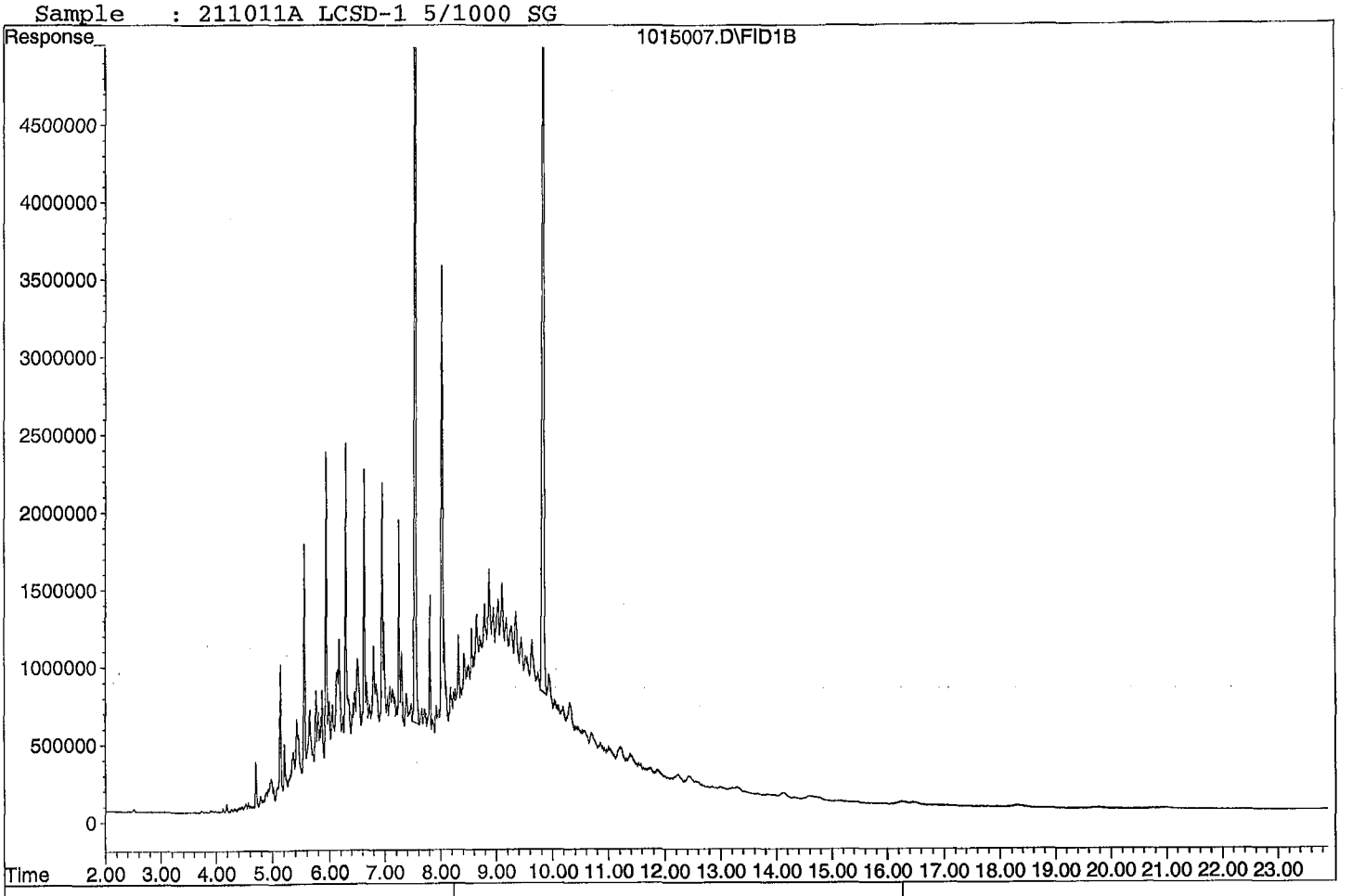
Data File : G:\APOLLO\DATA\211015\1015007.D Vial: 7
Acq On : 10-15-21 17:25:43 Operator: KA
Sample : 211011A LCSD-1 5/1000 SG Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 15 11:29 2021 Quant Results File: DOC0831.RES

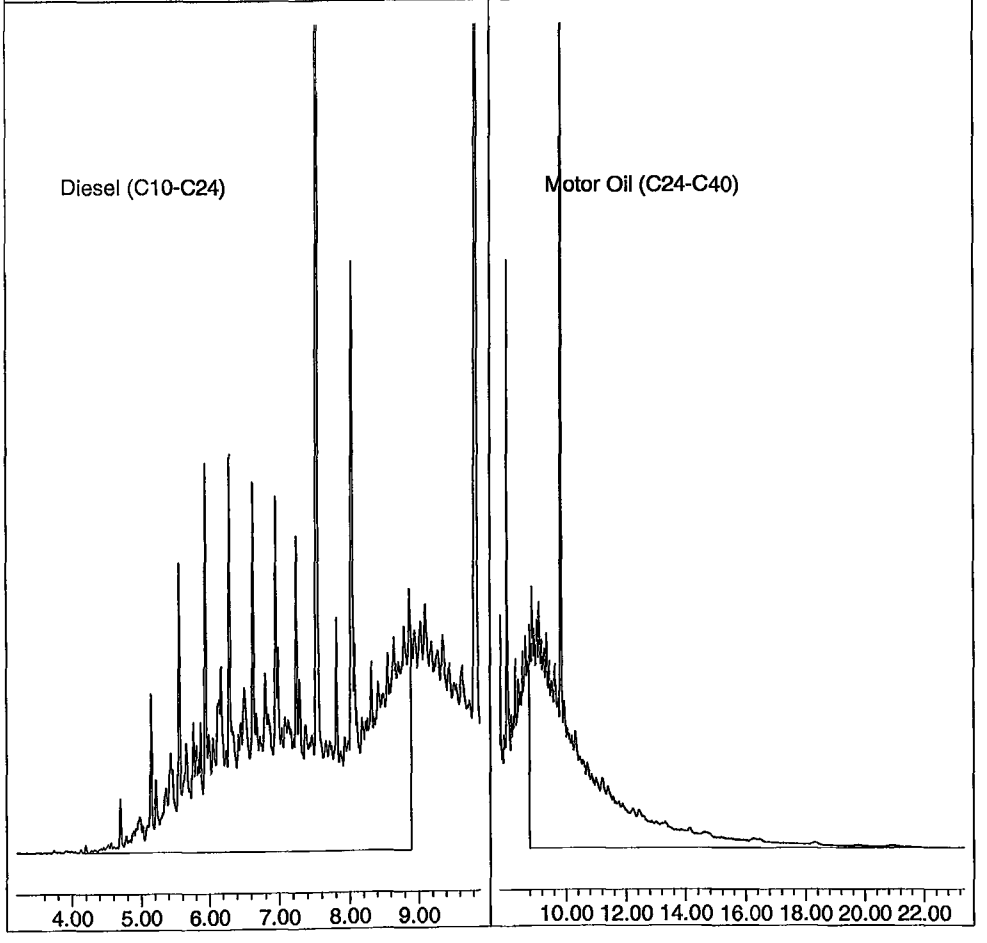
Method : G:\APOLLO\DATA\210830\DOC0831.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 22 10:47:59 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	165293506	159.506 ppb
Surrogate Spike 150.000		Recovery =	106.34%
4) SA Octacosane(S)	9.83	129081102	167.518 ppb
Surrogate Spike 150.000		Recovery =	111.68%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	1741117068	2155.278 ppb
2) HBTM Motor Oil (C24-C40)	15.55	1620692019	2698.632 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\211015\1015007.D
Sample : 211011A LCSD-1 5/1000 SG





Diesel / Motor Oil Calibration Curve

Prepared: 8/23/2021
Expires: 8/23/2022

Prepared By (Initials): KA

Methylene Chloride
Lot No. 60338

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Conc. (ug/mL)	APPL Mix Name	Reference to APPL Prep Date and Lot #'s	Exp. Date	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Diesel / Motor Oil - 2	APPL	10	Diesel / Motor Oil - 1	Perp'd: 08/23/21 A0164485-52662, A0165510-52666, CL16893-52844	8/23/2022	10/31/2027 12/31/2027 5/31/2026	100uL	200uL	MC	5
Diesel / Motor Oil -3		50	Diesel / Motor Oil - 2				200uL	1mL	MC	10
Diesel / Motor Oil Calibration STD	Restek	2,000	Diesel / Motor Oil -3				25uL	1mL	MC	50
			Diesel / Motor Oil - 4				125uL	1mL	MC	250
			Diesel / Motor Oil - 5				500uL	1mL	MC	1000
			Diesel / Motor Oil - 6				750uL	1mL	MC	1500
			Diesel / Motor Oil - 7				100uL	100uL	N/A	2,000

Diesel / Motor Oil Second Source

Prepared: 7/21/2020
Expires: 7/21/2021

Prepared By (Initials): SS

Methylene Chloride Lot No. 58059

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Diesel Fuel #2 Second Source	Phenova	AL0-101287	50,000	**CL13327-40550**	7/21/2021	**2/28/2022**	50uL	10mL	MC	250
Motor Oil Second Source	Absolute	51094	50,000	**010918-39581**	7/21/2021	1/9/2023	50uL			

Diesel / Motor Oil Calibration Standard

Prepared: 10/6/2021

Prepared By (Initials): KA

Expires: 5/31/2026

Methylene Chloride Lot No. 61117

Initial Standard Information							Final Standard			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Diesel Fuel #2	Restek	31258	50,000	**A0164485-52822**	**9/3/2022**	**10/31/2027**	400uL	10mL	MC	2000
Motor Oil	Restek	31464	50,000	**A0168842-52820 and A0166510-52817**	**10/6/2021**	**12/31/2027**	400uL			2000
THC Surrogate	Phenova	ALO-130161	600	**CL16893-52835**	**10/6/2021**	**5/31/2026**	1666uL			100

Diesel Motor Oil Mix

Prepared: 9/3/2021 **Prepared By (Initials): KA**

Expires: 9/3/2022

Initial Standard Information							Final Standard			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Diesel Fuel #2	Restek	31258	50,000	**A0164485-52823,52824,52662,52661,52822**	**9/3/2021**	**10/31/2027**	4.00 mL	8.0 mL	NA	25,000
Motor Oil Composite	Restek	31464	50,000	**A0166510-52664 and 52818 and A0168842-52820 and 52821**	**9/3/2021**	**12/31/27 and 03/31/28**	4.00 mL			25,000

THC Surrogate

Prepared: 8/24/2021 KA

Expires: 8/24/2022

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
O-terphenyl / Octacosane Mix	Phenova	ALO-130161	600	**CL16893-52838**	**8/24/2022**	**5/31/2026**	N/A	N/A	N/A	600

THC Surrogate

Prepared: 10/6/2021 **KA**

Expires: 5/31/2026

Initial Standard Information							Final Standard			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
O-terphenyl / Octacosane Mix	Phenova	ALO-130161	600	**CL16893-52835**	**10/6/2021**	**5/31/2026**	N/A	N/A	N/A	600

Decanoic Acid Calibration Curve

Prepared: 9/11/2021 **Prepared By (Initials):** KA

Expires: 7/12/2022

Methylene Chloride

Lot No. 61117

Initial Standard Information							Final Standard			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Decanoic Acid STD	O2SI	Decanoic Acid-1	60	Prepared 9/11/21	7/12/2022	N/A	50uL	1mL	MC	3
		Decanoic Acid-2					100uL	1mL	MC	6
		Decanoic Acid-3					400uL	1mL	MC	24
		Decanoic Acid-4					600uL	1mL	MC	36
		Decanoic Acid-5					800uL	1mL	MC	48
		Decanoic Acid-6					100uL	100uL	N/A	60

Decanoic Acid CCV

Prepared: 10/8/2021 **Prepared By (Initials):** KA

Expires: 7/8/2024

Methylene Chloride Lot No. 61117

Initial Standard Information							Final Standard			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Decanoic Acid	O2SI	72766	1,000	**070821-52693**	See man. Exp date	**7/8/2024**	360uL	10mL	MC	36

Decanoic Acid Spike

Prepared: 8/24/2021 **Prepared By (Initials): KA**

Expires: 8/24/2022

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Decanoic Acid Spike	Absolute	72766	1,000	**070821-52688**	**8/24/2022**	**7/8/2024**	N/A	N/A	N/A	1,000

Decanoic Acid Spike

Prepared: 10/14/2021 **Prepared By (Initials): KA**

Expires: 7/8/2024

Initial Standard Information							Final Standard			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Decanoic Acid Spike	Absolute	72766	1,000	**070821-52681**	**See man. Exp date**	**7/8/2024**	N/A	N/A	N/A	1,000

_LIQ005SGC

Organic Extraction Worksheet

Method	Continuous Liq/Liq TPH- 3520C w/SGC	Extraction Set	211011A	Extraction Method	LIQ005SGC	Units	mL

Spiked ID 1	Diesel Motor Oil Mix 9/3/21-9/3/22		Surrogate ID 1	THC Surrogate 8/23/21-8/23/22	
Spiked ID 2	Decanoic 1000ug/mL Acid Solution 8/20/21-8/20/22		Surrogate ID 2	THC Surrogate 10/06/21-10/06/22	
Spiked ID 3	Decanoic 1000ug/mL Acid Solution 10/08/21-10/08/22		Surrogate ID 3		
Spiked ID 4			Surrogate ID 4		
Spiked ID 5			Surrogate ID 5		
Spiked ID 6			Sufficient Vol for Matrix QC:	NO	
Spiked ID 7			Ext. Start Time:	10/11/21 12:50	
Spiked ID 8			Ext. End Time:	10/12/21 15:57	
			GC Requires Extract By:		

pH1	2		Water Bath Temp 1 °C	41/ 40.1 °C
pH2			Water Bath Temp 2 °C	34/ 35.1
pH3			Water Bath Temp 3 °C	37/ 36.5 °C

Spiked By: SR **Date** 10/11/2021 9:41:42 AM **Witnessed By:** CG **Date** 10/11/2021 9:41:46 AM

	Sample	Sample Container	Spike Amount	Spike ID	Surrogate Amount	Surrogate ID	Extract Amount	Final Volume	pH	Extract Date/Time	Comments
1	211011A Blk		0.050	2	0.250	1 equip	1000	5	2	10/11/21 9:41	*
2	211011A LCS-1		0.080,0.050	1,2	0.250	1 equip	1000	5	2	10/11/21 9:41	*
3	211011A LCS-2		0.080,0.050	1,2	0.250	1 equip					
4	211011A LCS-3		0.080,0.050		0.250	1 equip					
5	211011A LCSD-1		0.080,0.050	1,2	0.250	1 equip	1000	5	2	10/11/21 9:41	*
6	211011A LCSD-2		0.080,0.050		0.250	1 equip					
7	211011A LCSD-3		0.080,0.050		0.250	1 equip					
8	BA38390	BA38390M02	0.050	2	0.250	2 equip	1000	5	2	10/11/21 12:30	97224 *
9	BA38391	BA38391M03	0.050	2	0.250	2 equip	1000	5	2	10/11/21 12:30	97224 *
10	BA38393	BA38393M02	0.050	3	0.250	2 equip	1000	5	2	10/11/21 12:30	97224 *
11	BA38394	BA38394M02	0.050	2	0.250	2 equip	1000	5	2	10/11/21 12:30	97224 *
12	BA38396		0.050	2	0.250	1 equip		5	2Y		97224 *
13	BA38397		0.050	2	0.250	1 equip		5	2Y		97224 *
14	BA38399	BA38399M02	0.050	2	0.250	2 equip	1000	5	2	10/11/21 12:30	97224 *
15	BA42512	BA42512W09	0.050	2	0.250	1 equip	1040	5	2	10/11/21 9:41	97781 *
16	BA42514	BA42514W09	0.050	3	0.250	1 equip	1040	5	2	10/11/21 9:41	97781 *

Solvent and Lot#	
1+1 HCL (5mLs)	9/30/21-9/30/22
PH Strips	HC041002
Dichloromethane (DCM)	61117
Filter Paper	*
Sodium Sulfate	2021071206
SILICA GEL (*)	050627T

Extraction COC Transfer	
Extraction lab employee Initials	
GC analyst's initials	KA
Date	10/12/21
Time	16:25
Refrigerator	Hobart

	Technician's Initials
Scanned By	SR
Sample Preparation	SR
Extraction	DS
Concentration	DS

Modified	11/22/2021 1:24:03 PM

Reviewed By: **Date**

Organic Extraction Worksheet

Method	Continuous Liq/Liq TPH- 3520C w/SGC	Extraction Set	211011A	Extraction Method	LIQ005SGC	Units	mL

Spiked ID 1	Diesel Motor Oil Mix 9/3/21-9/3/22		Surrogate ID 1	THC Surrogate 8/23/21-8/23/22	
Spiked ID 2	Decanoic 1000ug/mL Acid Solution 8/20/21-8/20/22		Surrogate ID 2	THC Surrogate 10/06/21-10/06/22	
Spiked ID 3	Decanoic 1000ug/mL Acid Solution 10/08/21-10/08/22		Surrogate ID 3		
Spiked ID 4			Surrogate ID 4		
Spiked ID 5			Surrogate ID 5		
Spiked ID 6			Sufficient Vol for Matrix QC:	NO	
Spiked ID 7			Ext. Start Time:	10/11/21 12:50	
Spiked ID 8			Ext. End Time:	10/12/21 15:57	
			GC Requires Extract By:		

pH1	2		Water Bath Temp 1 °C	41/ 40.1 °C
pH2			Water Bath Temp 2 °C	34/ 35.1
pH3			Water Bath Temp 3 °C	37/ 36.5 °C

Spiked By: SR **Date** 10/11/2021 9:41:42 AM **Witnessed By:** CG **Date** 10/11/2021 9:41:46 AM

	Sample	Sample Container	Spike Amount	Spike ID	Surrogate Amount	Surrogate ID	Extract Amount	Final Volume	pH	Extract Date/Time	Comments
17	BA42516	BA42516W09	0.050	3	0.250	1 equip	1040	5	2	10/11/21 9:41	97781 *
18	BA42518	BA42518W09	0.050	3	0.250	1 equip	1040	5	2	10/11/21 9:41	97781 *
19	BA42524	BA42524W09	0.050	3	0.250	1 equip	1050	5	2	10/11/21 9:41	97782 *
20	BA42527	BA42527W09	0.050	3	0.250	1 equip	1030	5	2	10/11/21 9:41	97783 *
21	BA42528	BA42528W07	0.050	3	0.250	1 equip	1040	5	2	10/11/21 9:41	97783 *

Solvent and Lot#	
1+1 HCL (5mLs)	9/30/21-9/30/22
PH Strips	HC041002
Dichloromethane (DCM)	61117
Filter Paper	*
Sodium Sulfate	2021071206
SILICA GEL (*)	050627T

Extraction COC Transfer	
Extraction lab employee Initials	
GC analyst's initials	KA
Date	
Time	
Refrigerator	Hobart

	Technician's Initials
Scanned By	SR
Sample Preparation	SR
Extraction	DS
Concentration	DS

Modified	11/22/2021 1:24:03 PM

Reviewed By: **Date**

Injection Log

Directory: G:\APOLLO\DATA\210830\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	4	830004.D	1	DMO STD Curve 1	water	8-30-21 14:23:31
2	5	830005.D	1	DMO STD Curve 2	water	8-30-21 14:52:00
3	6	830006.D	1	DMO STD Curve 3	water	8-30-21 15:20:31
4	7	830007.D	1	DMO STD Curve 4	water	8-30-21 15:48:59
5	8	830008.D	1	DMO STD Curve 5	water	8-30-21 16:17:29
6	9	830009.D	1	DMO STD Curve 6	water	8-30-21 16:45:57
7	10	830010.D	1	DMO STD Curve 7	water	8-30-21 17:14:26
8	11	830011.D	1	DMO Second Source	water	8-30-21 17:43:02
9	2	911002.D	1	Decanoic Acid STD 1	water	9-11-21 10:22:53
10	3	911003.D	1	Decanoic Acid STD 2	water	9-11-21 10:51:11
11	4	911004.D	1	Decanoic Acid STD 3	water	9-11-21 11:19:39
12	5	911005.D	1	Decanoic Acid STD 4	water	9-11-21 11:48:04
13	6	911006.D	1	Decanoic Acid STD 5	water	9-11-21 12:16:37
14	7	911007.D	1	Decanoic Acid STD 6	water	9-11-21 12:45:02
15	3	1015003.D	1	DMO CCV LVL5 STD	water	10-15-21 15:32:44
16	4	1015004.D	1	Decanoic Acid CCV 10/08/21	water	10-15-21 16:00:56
17	5	1015005.D	5	211011A BLK 5/1000 SG	water	10-15-21 16:29:11
18	6	1015006.D	5	211011A LCS-1 5/1000 SG	water	10-15-21 16:57:21
19	7	1015007.D	5	211011A LCSD-1 5/1000 SG	water	10-15-21 17:25:43
20	13	1015013.D	4.80769	BA42512W09 5/1040 SG	water	10-15-21 20:15:27
21	14	1015014.D	4.80769	BA42514W09 5/1040 SG	water	10-15-21 20:43:41
22	15	1015015.D	4.80769	BA42516W09 5/1040 SG	water	10-15-21 21:11:51
23	16	1015016.D	4.80769	BA42518W09 5/1040 SG	water	10-15-21 21:40:03
24	18	1015018.D	1	DMO CCV LVL5 STD	water	10-15-21 22:36:21
25	19	1015019.D	1	Decanoic Acid CCV 10/08/21	water	10-15-21 23:04:25

ORGANICS
Calibration Data

TPH Extractables
DOC1028

Form 6
Initial Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Initial Cal. Date: 10/28/2021
Matrix: Water Instrument: Apollo
Initials: KA

		Compound	1028003.D 1	1028004.D 2	1028005.D 3	1028006.D 4	1028007.D 5	1028008.D 6	1028009.D 7				Avg	%RSD	Type	r^2	Q
1	HATM	Diesel (C10-C24)	2983809	2406563	2517872	2418941	2337993	2387715	2563791				2516669	8.7	HATM		
2	HBTML	Motor Oil (C24-C40)	5192328	3260715	2065863	1824592	1695984	1676117	1728658				2492037	53	HBTM	1.000	
3	SA	Ortho-Terphenyl(S)	3637234	3178668	3119876	3035678	2926966	2905323	3088794				3127505	7.9	SA		
4	SA	Octacosane(S)	2469203	2170507	2286410	2275552	2170413	2171254	2286658				2261428	4.8	SA		
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7																	
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2.118919

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211028\1028003.D Vial: 3
Acq On : 10-28-21 9:19:03 Operator: KA
Sample : DMO STD 1 10/28/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 28 15:39 2021 Quant Results File: DOC1028.RES

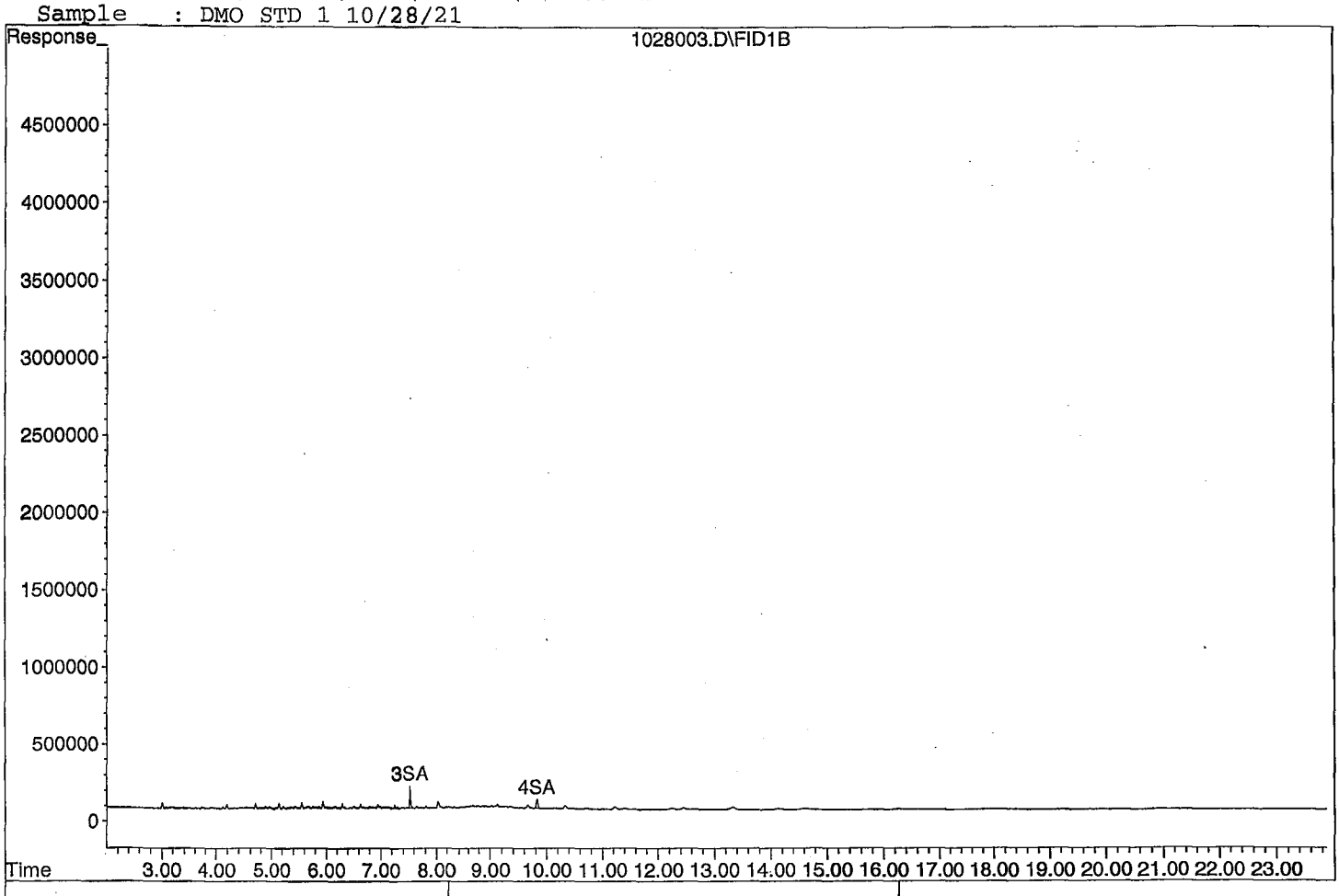
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

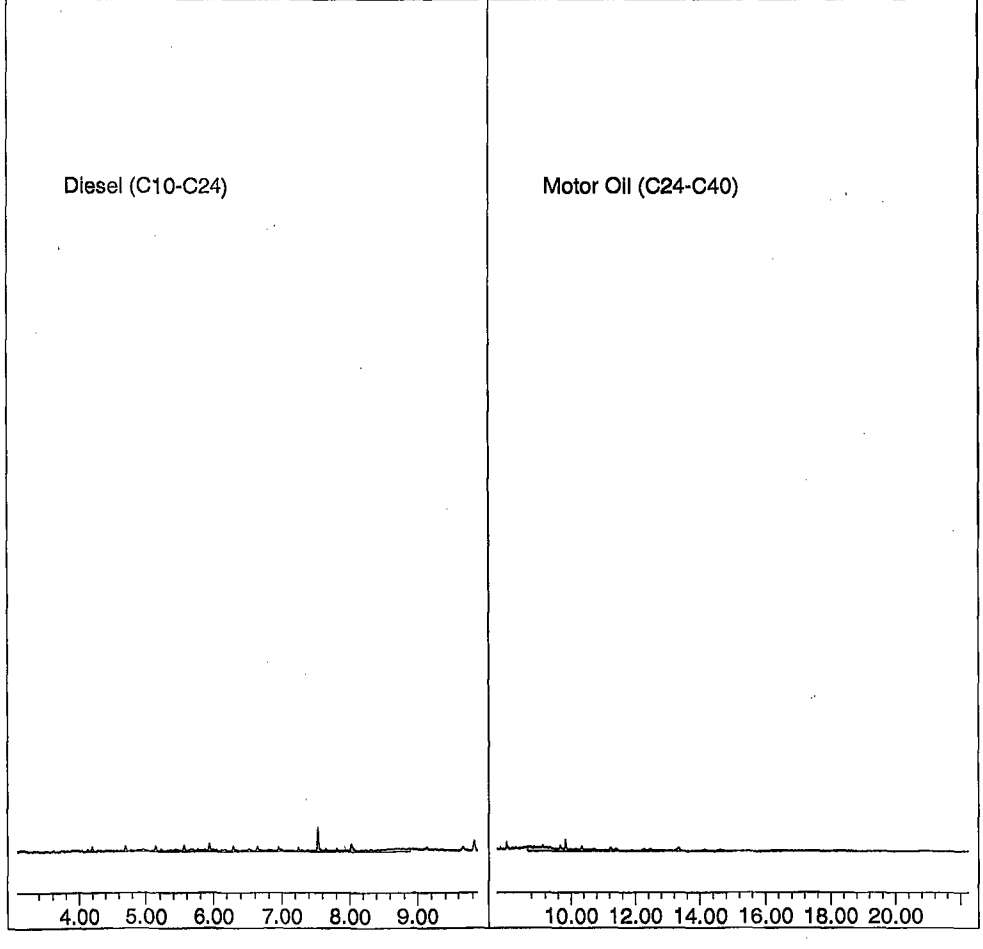
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	1818617	0.291 ppb
Surrogate Spike 30.000	Recovery =		0.97%
4) SA Octacosane(S)	9.82	1234601	0.273 ppb
Surrogate Spike 30.000	Recovery =		0.91%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	29838086	5.928 ppb
2) HBTM Motor Oil (C24-C40)	14.96	51923283	5.234 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File: G:\APOLLO\DATA\211028\1028003.D
Sample : DMO STD 1 10/28/21





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211028\1028004.D Vial: 4
Acq On : 10-28-21 9:47:06 Operator: KA
Sample : DMO STD 2 10/28/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 28 15:39 2021 Quant Results File: DOC1028.RES

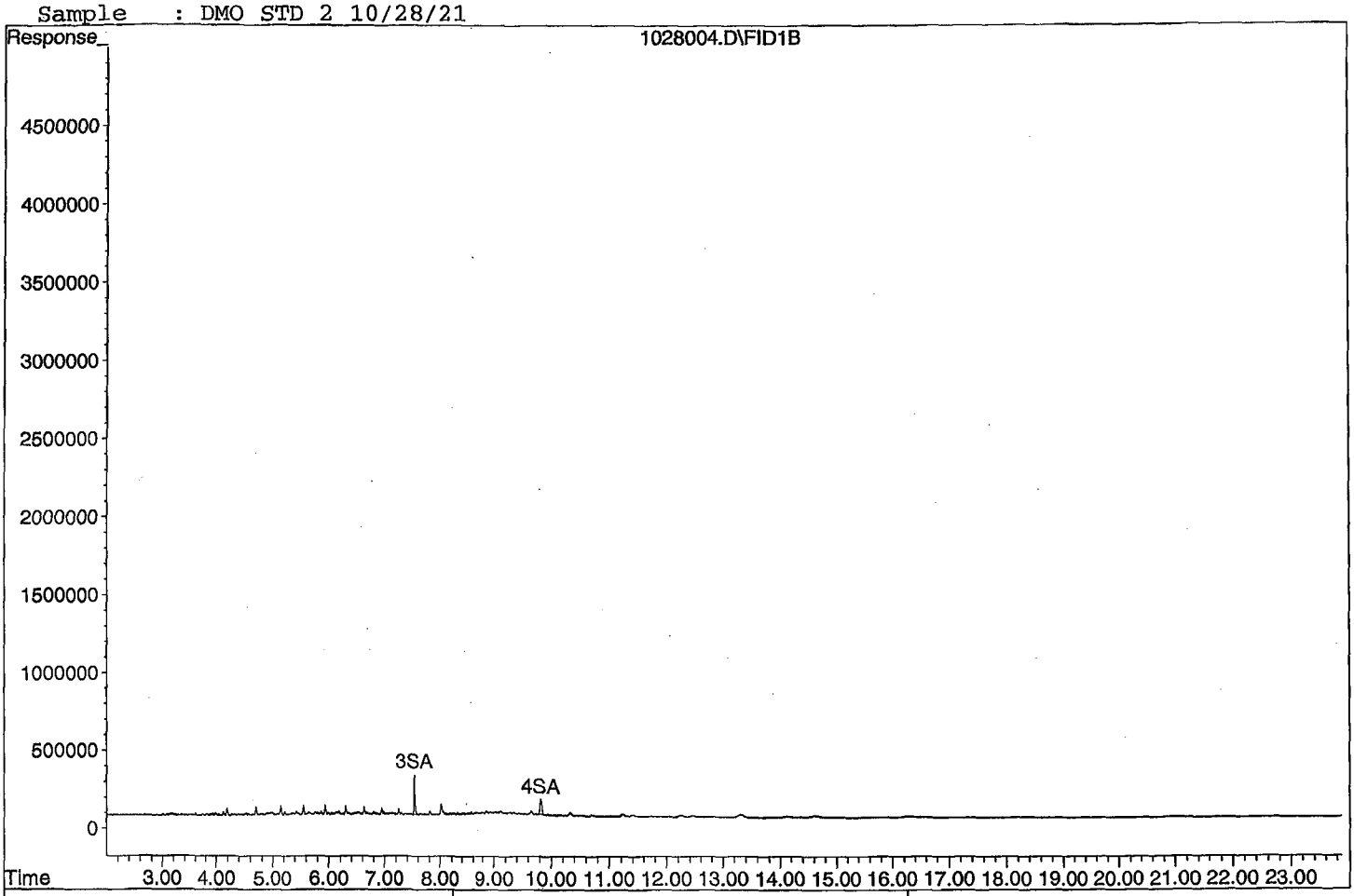
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

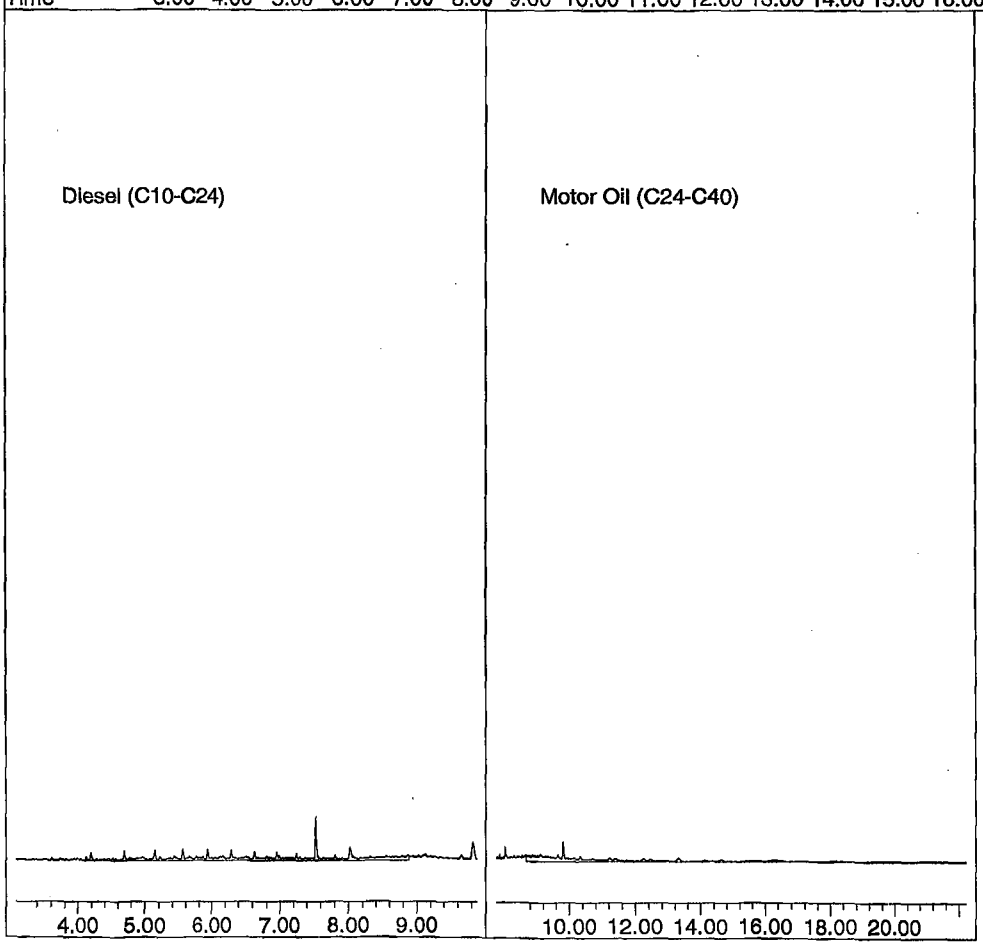
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	3178668	0.508 ppb
Surrogate Spike 30.000		Recovery =	1.69%
4) SA Octacosane(S)	9.82	2170507	0.480 ppb
Surrogate Spike 30.000		Recovery =	1.60%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	48131263	9.562 ppb
2) HBTM Motor Oil (C24-C40)	14.96	65214303	9.152 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File: G:\APOLLO\DATA\211028\1028004.D
Sample : DMO STD 2 10/28/21





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211028\1028005.D Vial: 5
Acq On : 10-28-21 10:15:13 Operator: KA
Sample : DMO STD 3 10/28/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 28 15:39 2021 Quant Results File: DOC1028.RES

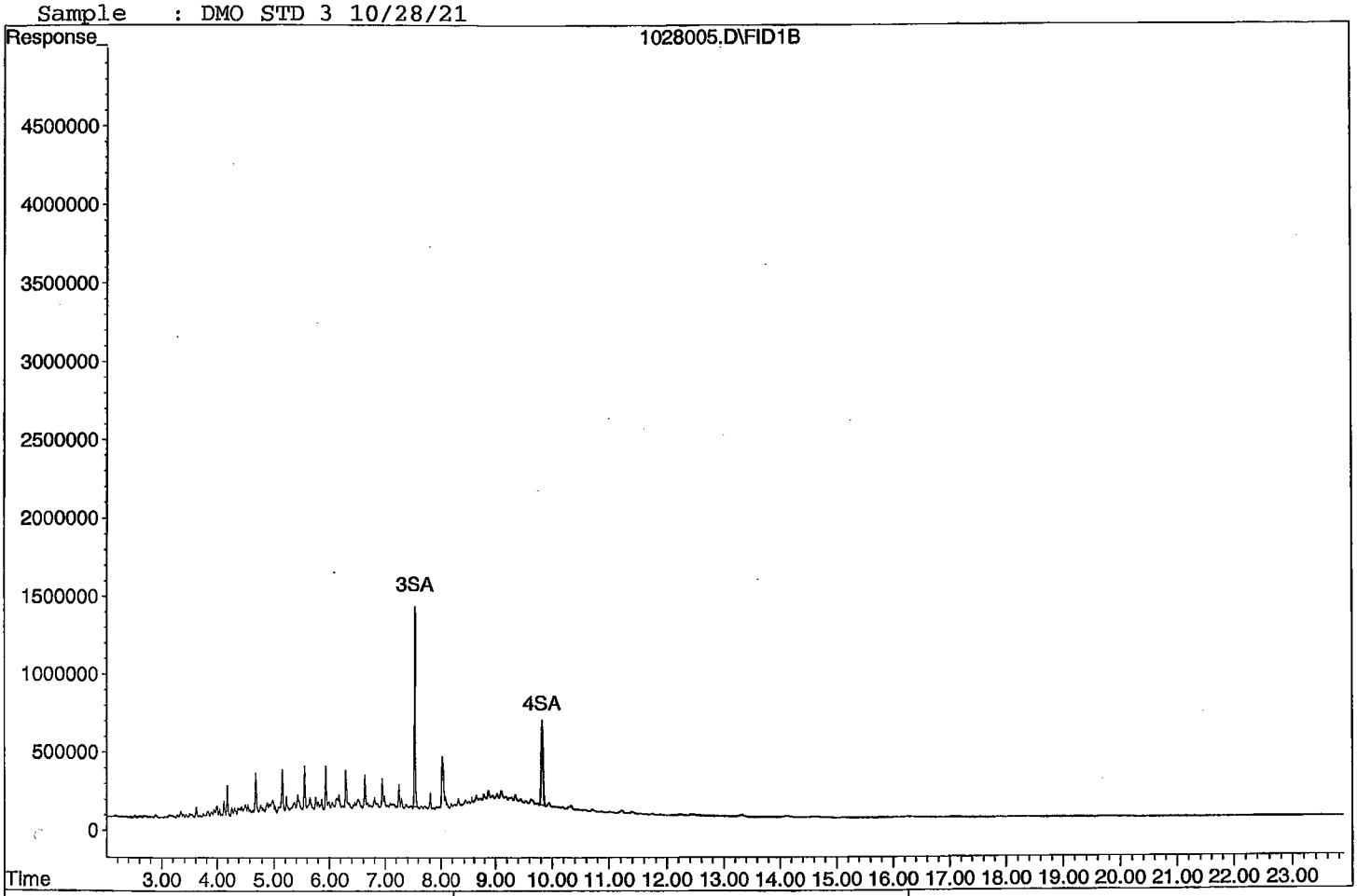
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

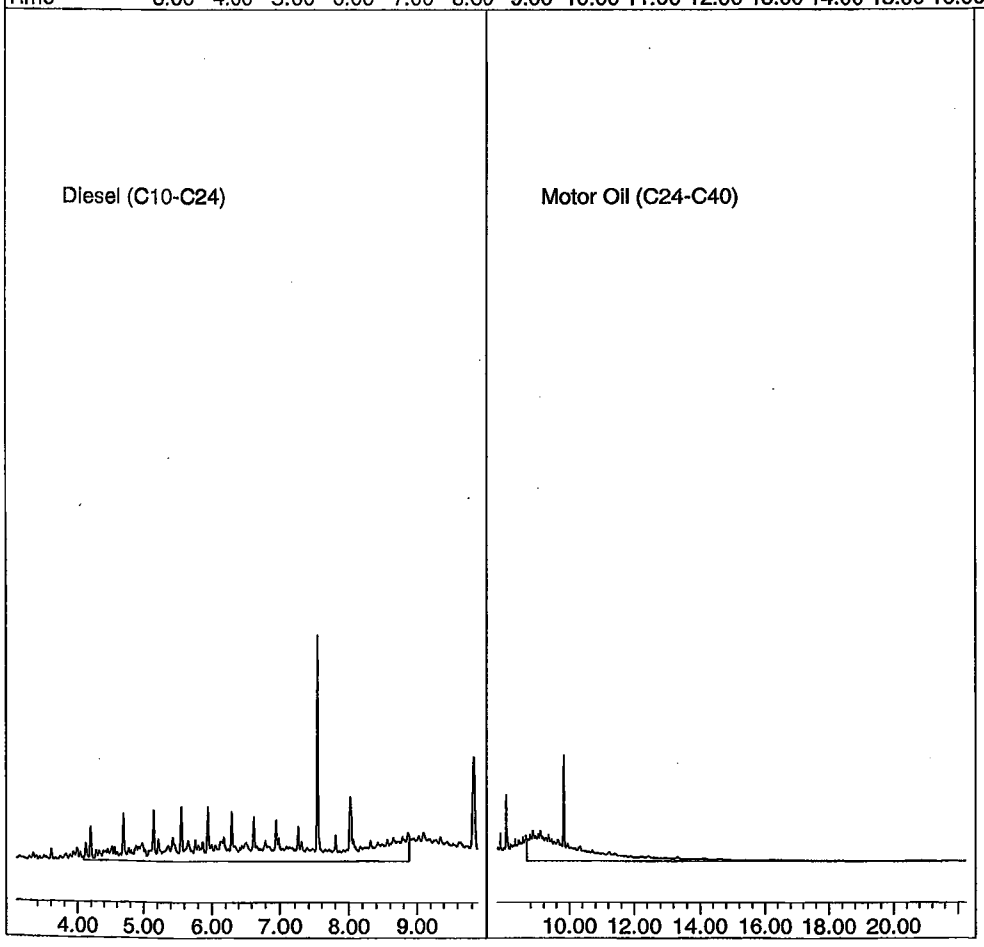
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	15599382	2.494 ppb
Surrogate Spike 30.000	Recovery =		8.31%
4) SA Octacosane(S)	9.82	11432050	2.528 ppb
Surrogate Spike 30.000	Recovery =		8.43%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	251787231	50.024 ppb
2) HBTM Motor Oil (C24-C40)	14.96	206586322	50.832 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File: G:\APOLLO\DATA\211028\1028005.D
Sample : DMO STD 3 10/28/21





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211028\1028006.D Vial: 6
Acq On : 10-28-21 10:43:31 Operator: KA
Sample : DMO STD 4 10/28/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 28 15:39 2021 Quant Results File: DOC1028.RES

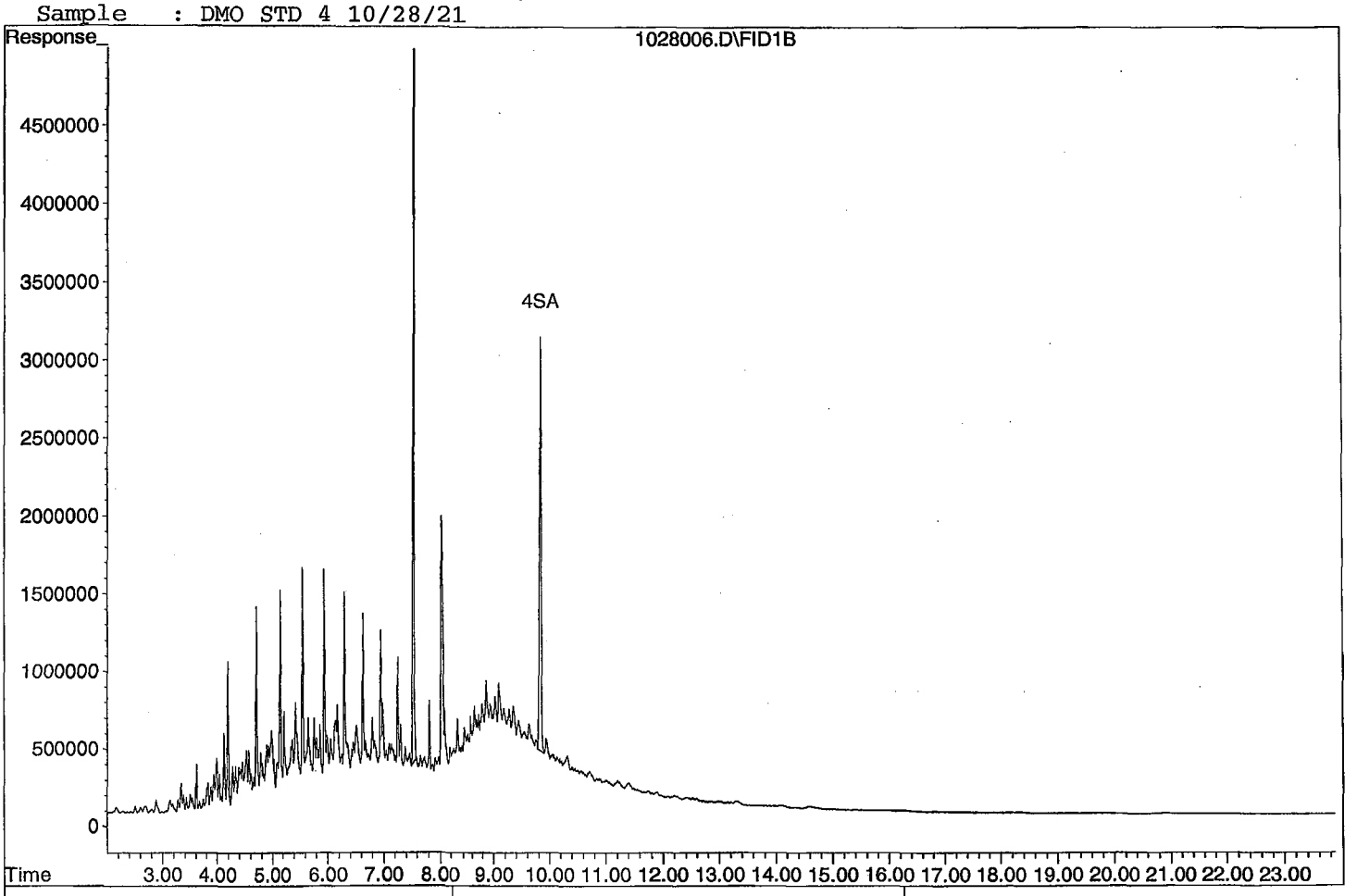
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

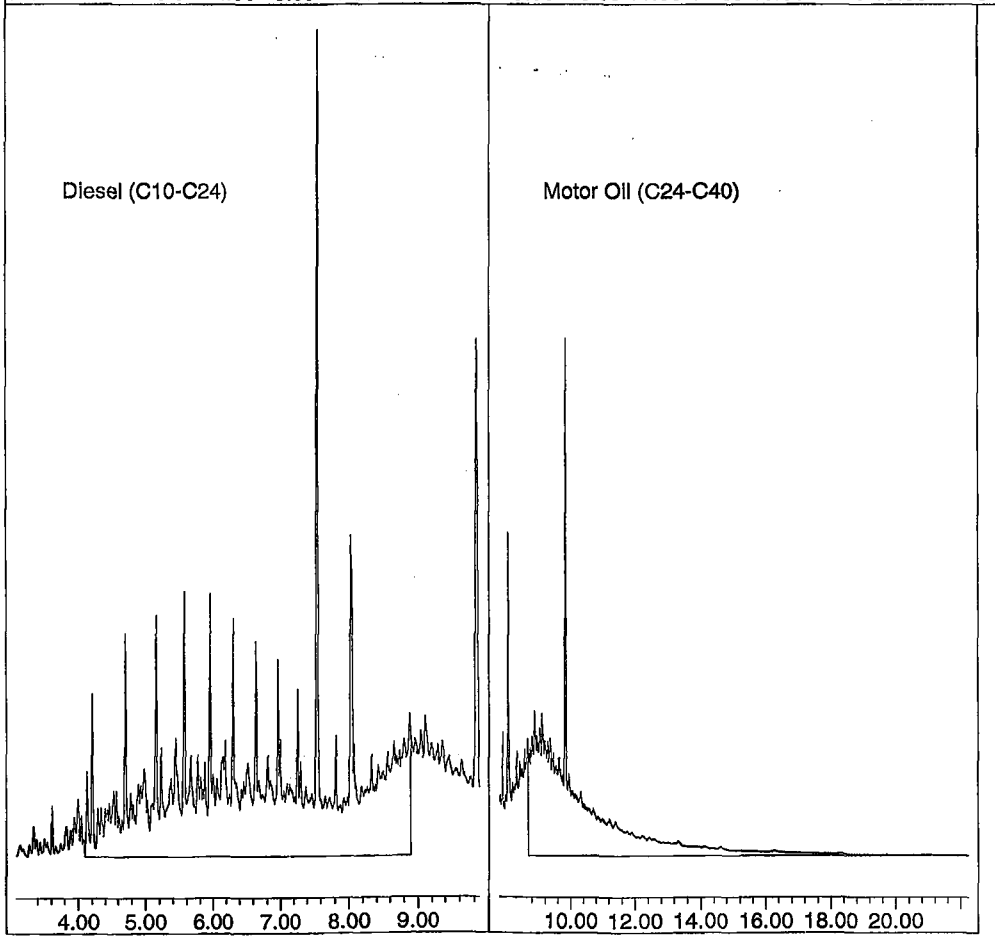
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	75891940	12.133 ppb
Surrogate Spike 30.000	Recovery =		40.44%
4) SA Octacosane(S)	9.82	56888797	12.578 ppb
Surrogate Spike 30.000	Recovery =		41.93%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1209470396	240.292 ppb
2) HBTM Motor Oil (C24-C40)	14.96	912296132	258.892 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File: G:\APOLLO\DATA\211028\1028006.D
Sample : DMO STD 4 10/28/21





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211028\1028007.D Vial: 7
Acq On : 10-28-21 11:11:42 Operator: KA
Sample : DMO STD 5 10/28/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 28 15:39 2021 Quant Results File: DOC1028.RES

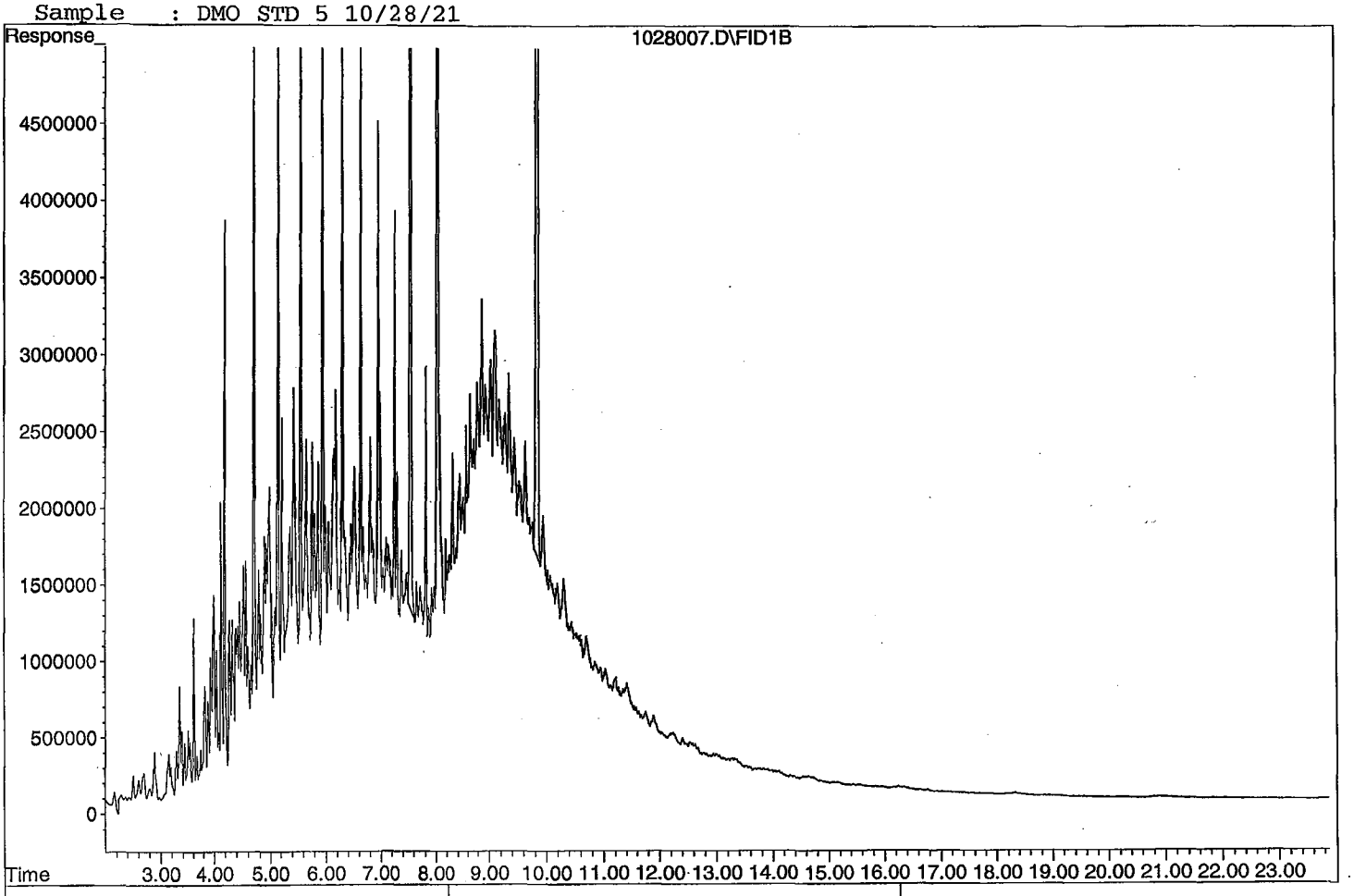
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

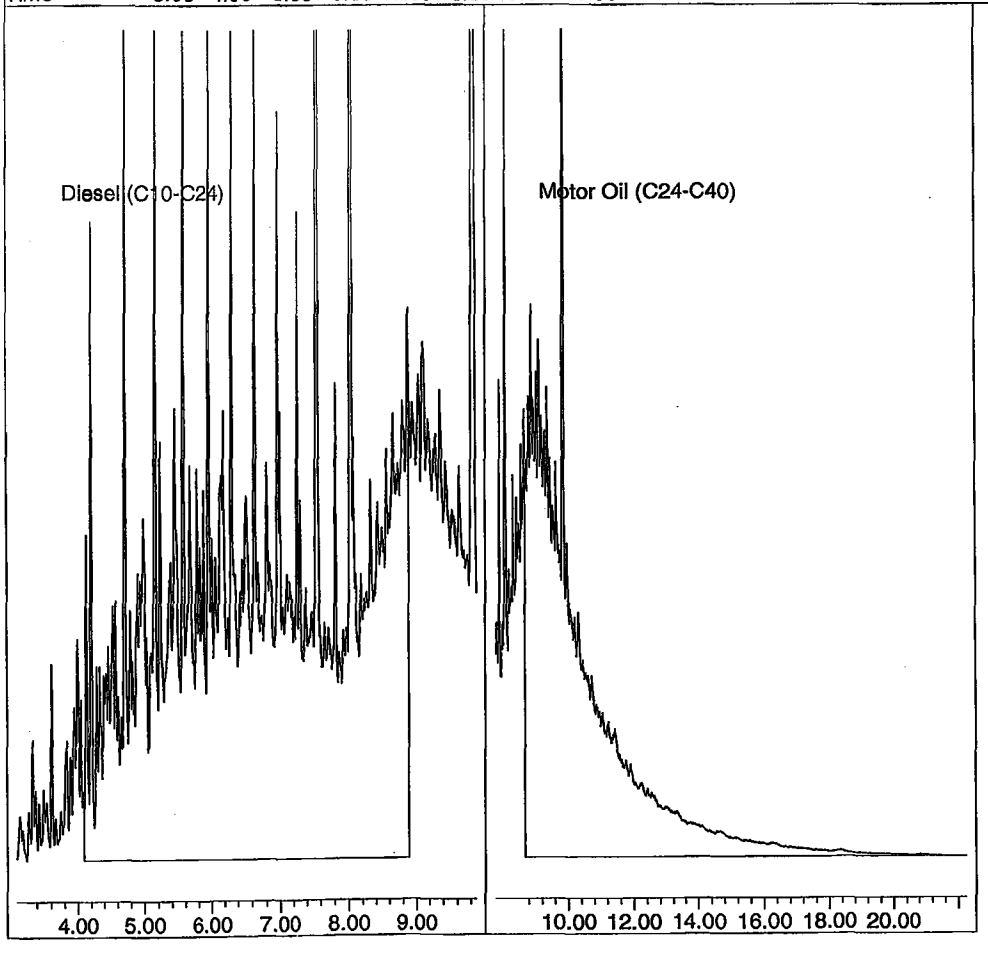
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
3) SA Ortho-Terphenyl(S)	7.54	292696553	46.794	ppb
Surrogate Spike 30.000		Recovery =	155.98%	
4) SA Octacosane(S)	9.83	217041298	47.988	ppb
Surrogate Spike 30.000		Recovery =	159.96%	
Target Compounds				
1) HATM Diesel (C10-C24)	6.49	4675985227	929.003	ppb
2) HBTM Motor Oil (C24-C40)	14.96	3391967397	989.959	ppb
Target Compounds				

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File: G:\APOLLO\DATA\211028\1028007.D
Sample : DMO STD 5 10/28/21





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211028\1028008.D Vial: 8
Acq On : 10-28-21 11:39:55 Operator: KA
Sample : DMO STD 6 10/28/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 28 15:39 2021 Quant Results File: DOC1028.RES

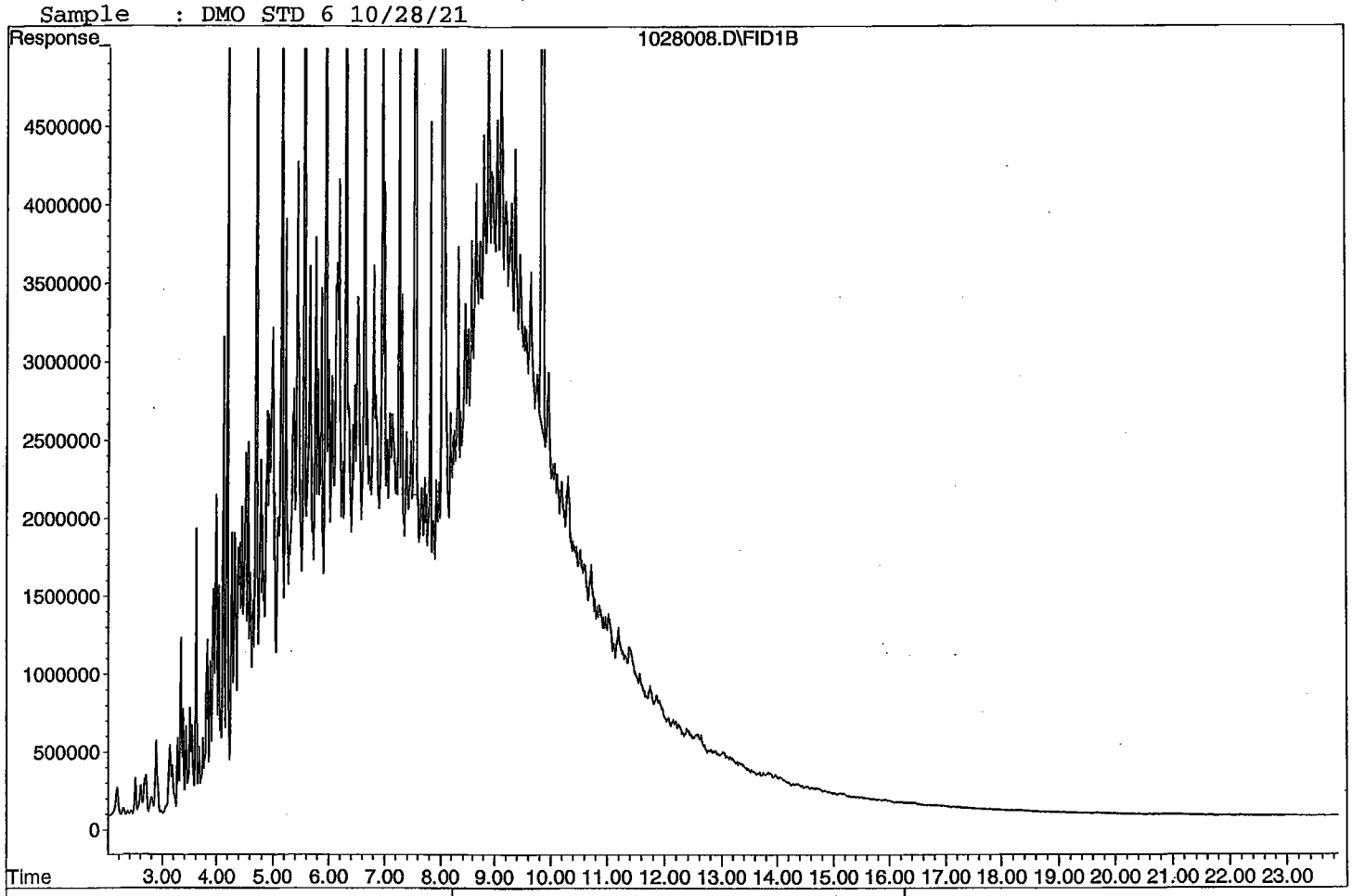
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

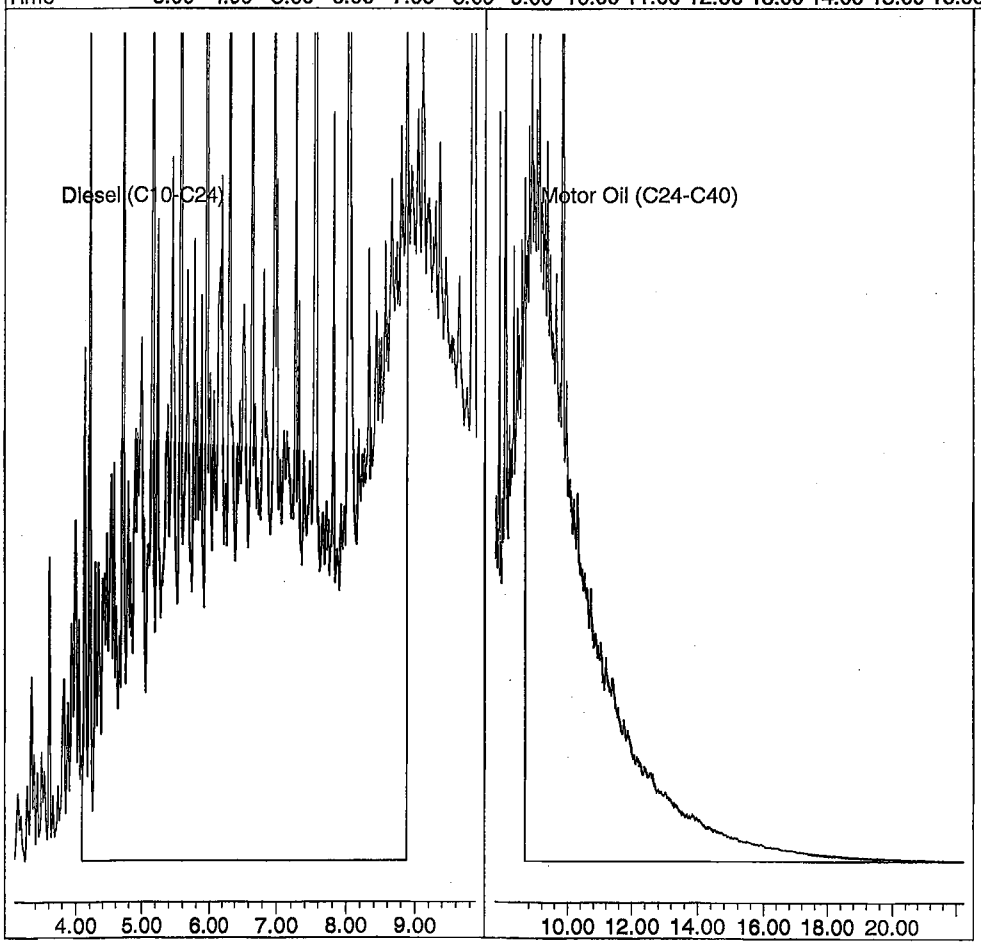
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.54	435798382	69.672 ppb
Surrogate Spike 30.000		Recovery =	232.24%
4) SA Octacosane(S)	9.84	325688048	72.009 ppb
Surrogate Spike 30.000		Recovery =	240.03%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	7163144090	1423.140 ppb
2) HBTM Motor Oil (C24-C40)	14.96	5028351305	1472.405 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File: G:\APOLLO\DATA\211028\1028008.D
Sample : DMO STD 6 10/28/21





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211028\1028009.D Vial: 9
Acq On : 10-28-21 12:08:10 Operator: KA
Sample : DMO STD 7 10/28/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 28 15:39 2021 Quant Results File: DOC1028.RES

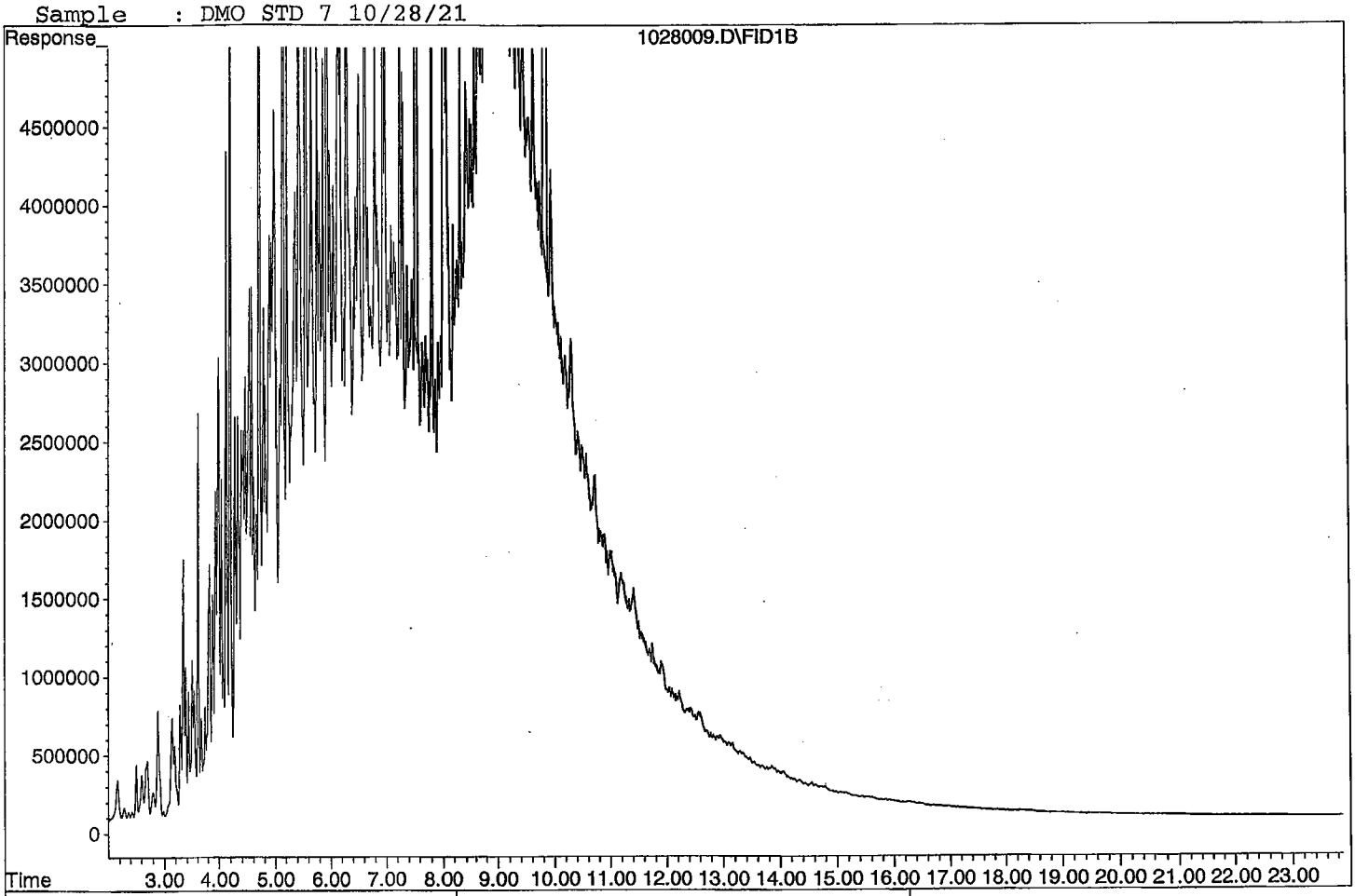
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

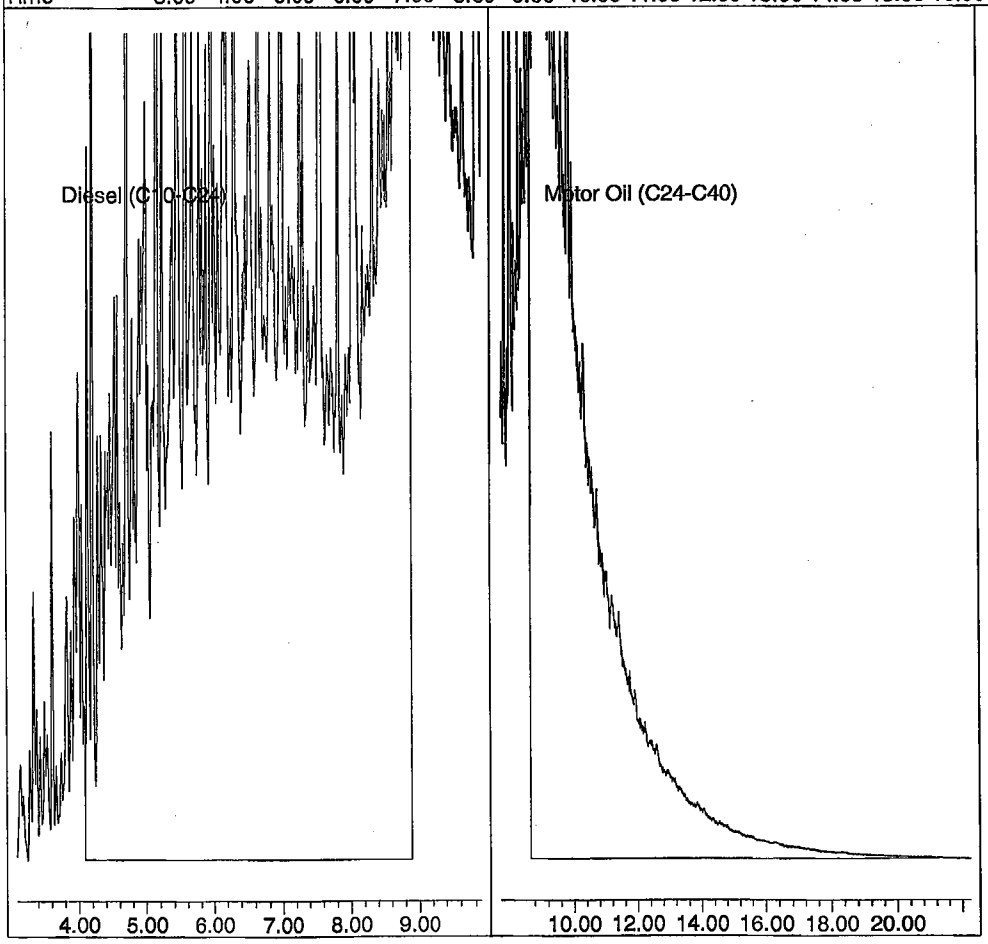
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.54	617758709	98.762 ppb
Surrogate Spike 30.000		Recovery =	329.21%
4) SA Octacosane(S)	9.85	457331573	101.116 ppb
Surrogate Spike 30.000		Recovery =	337.05%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	10255165539	2037.448 ppb
2) HBTM Motor Oil (C24-C40)	14.96	6914631831	2028.526 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File: G:\APOLLO\DATA\211028\1028009.D
Sample : DMO STD 7 10/28/21





TPH Extractables
DOC1028

Form 7

Second Source Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: Water

SDG No:
Date Analyzed: 10/28/2021
Instrument: Apollo
Initial Cal. Date: 10/28/2021
Data File: 1028010.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2516670	2266400	9.9	HATM	
2	HBTM	Motor Oil (C24-C40)	2492040	1663520	33	HBTML	5.9
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		Average			21.5		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211028\1028010.D Vial: 10
Acq On : 10-28-21 12:36:26 Operator: KA
Sample : DMO Second Source 10/28/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 28 15:39 2021 Quant Results File: DOC1028.RES

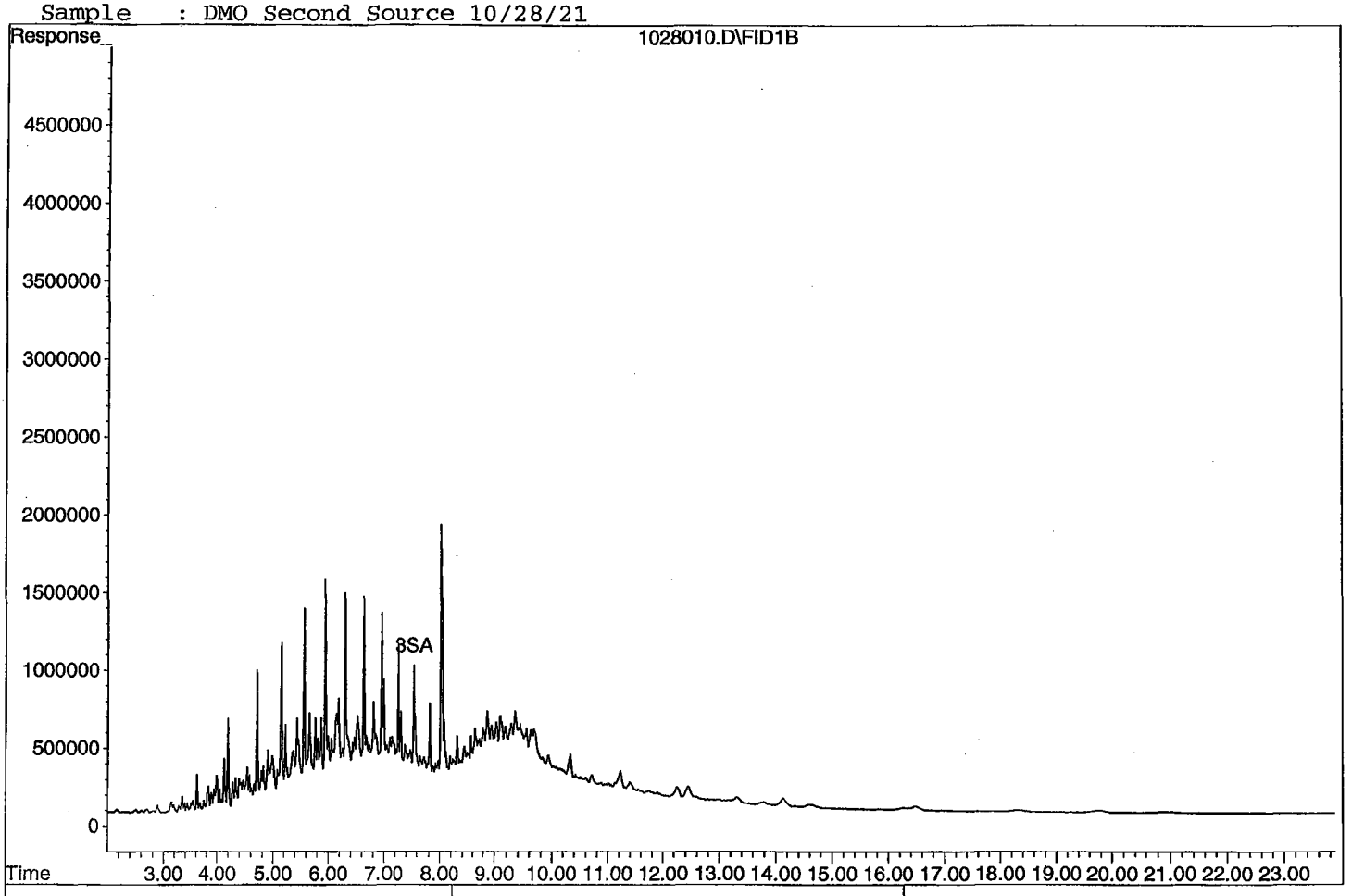
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

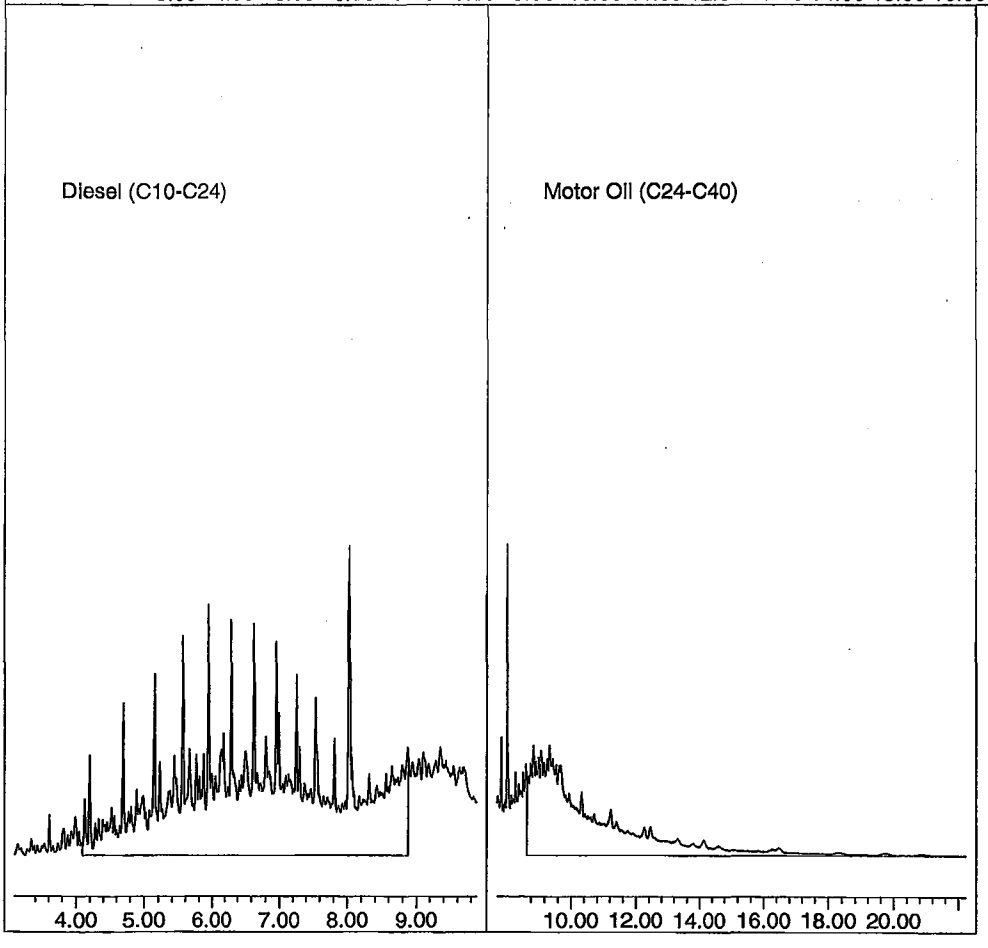
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

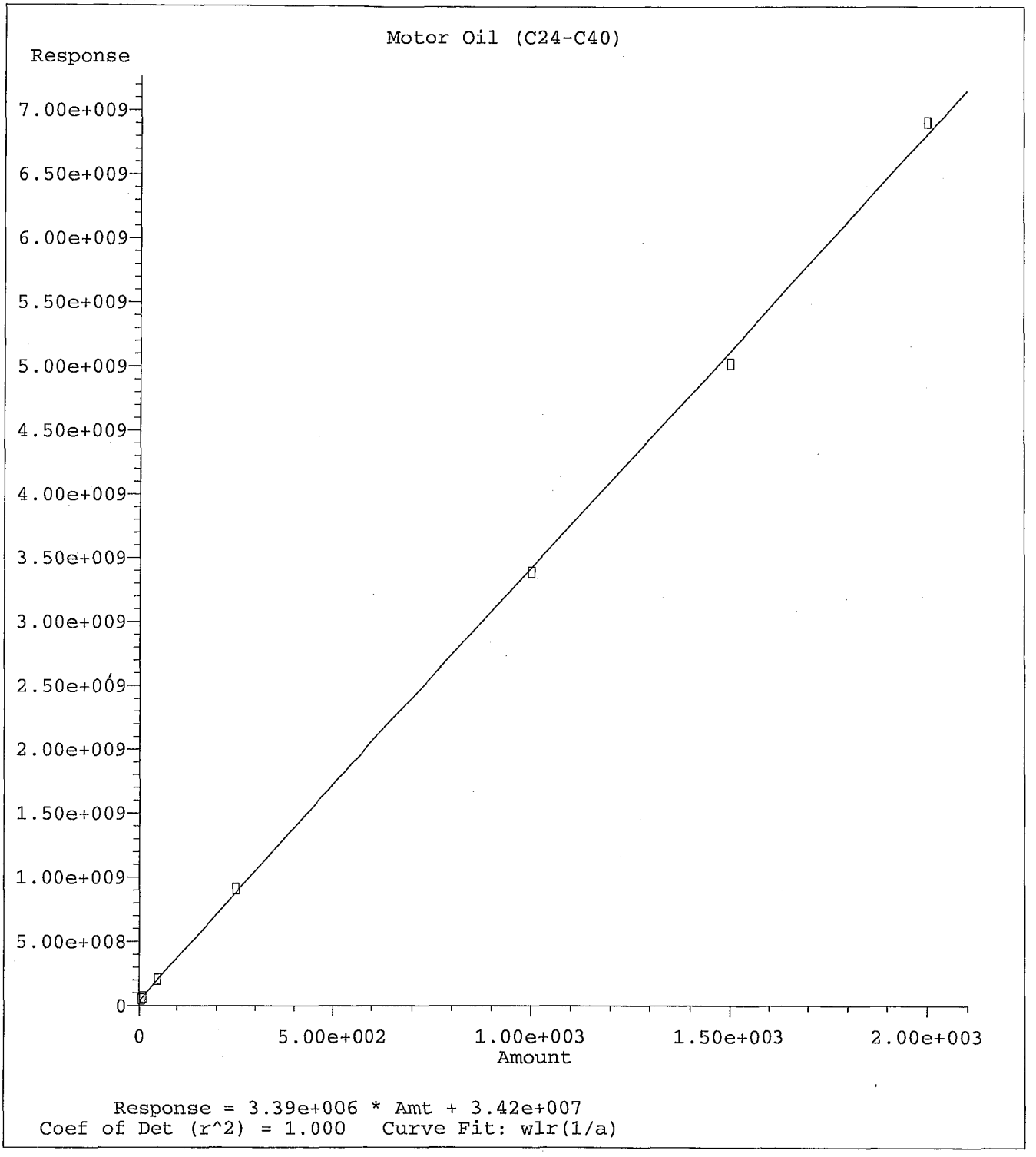
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	4250105	0.679 ppb
Surrogate Spike 30.000	Recovery	=	2.26%
4) SA Octacosane(S)	9.83	-3553	N.D. ppb
Surrogate Spike 30.000	Recovery	=	0.00%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1133202337	225.139 ppb
2) HBTM Motor Oil (C24-C40)	14.96	831758038	235.148 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File: G:\APOLLO\DATA\211028\1028010.D
Sample : DMO Second Source 10/28/21







Method Name: G:\APOLLO\DATA\211028\DOC1028.M
Calibration Table Last Updated: Thu Oct 28 15:37:06 2021

TPH Extractables
DOC1028

Form 7
Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: Water

SDG No:
Date Analyzed: 11/2/2021
Instrument: Apollo
Initial Cal. Date: 10/28/2021
Data File: 1101060.D

		Compound	MEAN	CCRF	%D		%Drift
1	HATM	Diesel (C10-C24)	2516670	2452670	2.5	HATM	
2	HBTM	Motor Oil (C24-C40)	2492040	1852340	26	HBTML	5.2
3	SA	Ortho-Terphenyl(S)	3127510	3053340	2.4	SA	
4	SA	Octacosane(S)	2261430	2273270	0.52	SA	
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		Average			7.9		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211101\1101060.D Vial: 60
Acq On : 11-2-21 20:52:14 Operator: KA
Sample : DMO LVL 4 CCV 10/27/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 30 12:15 2021 Quant Results File: DOC1028.RES

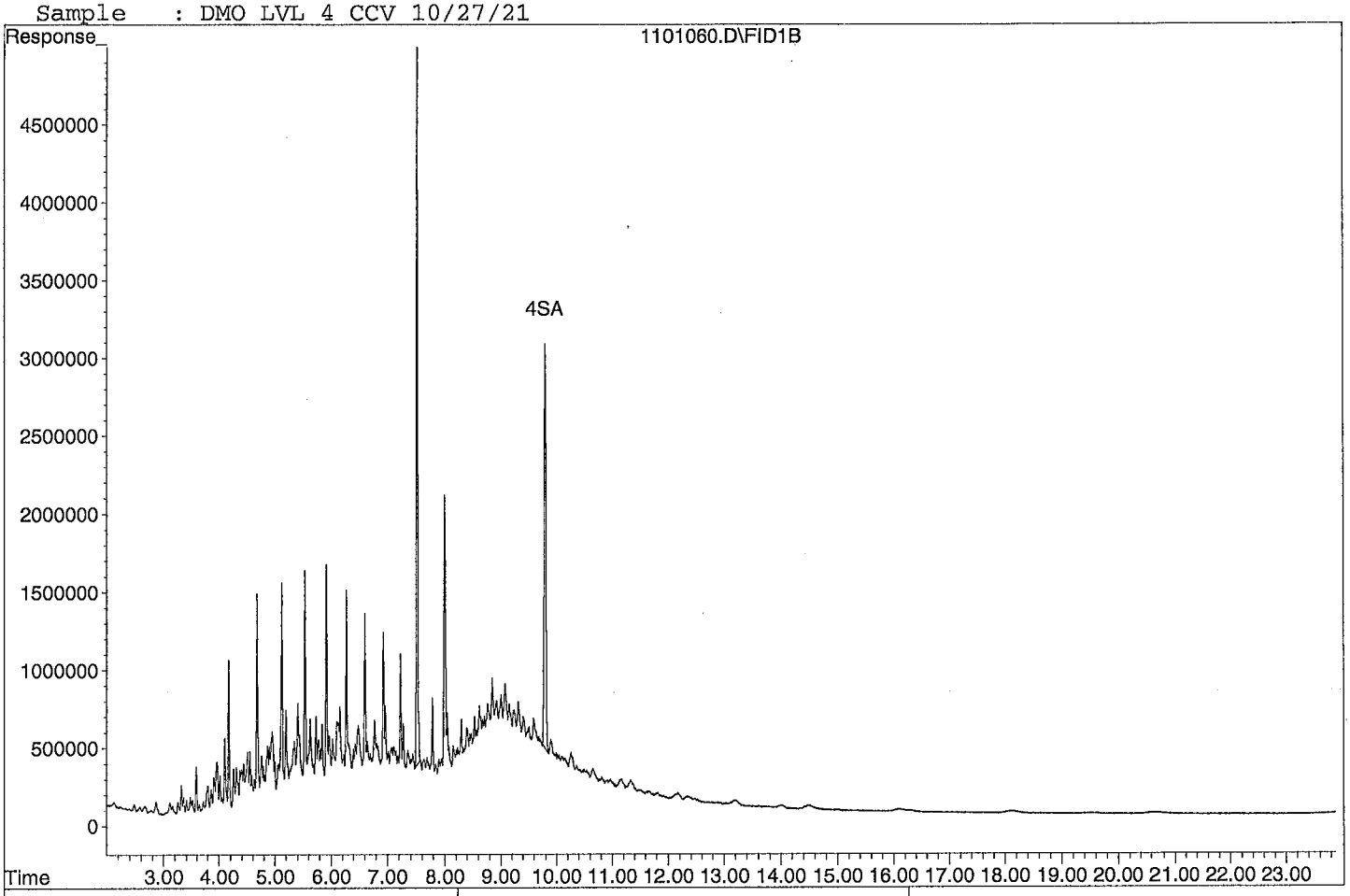
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Nov 30 12:15:14 2021
Response via : Multiple Level Calibration

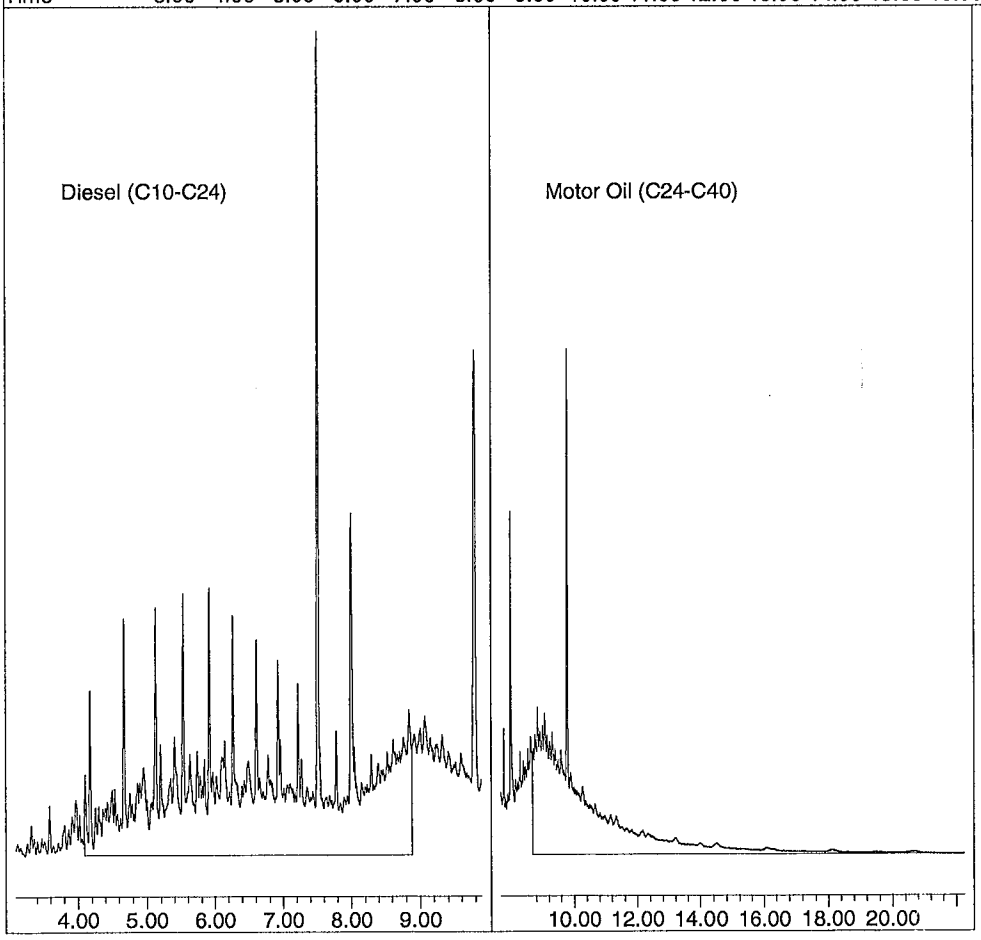
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	76333578	12.204 ppb
Surrogate Spike 30.000		Recovery =	40.68%
4) SA Octacosane(S)	9.79	56831725	12.565 ppb
Surrogate Spike 30.000		Recovery =	41.88%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1226334750	243.642 ppb
2) HBTM Motor Oil (C24-C40)	14.96	926170268	262.983 ppb

Target Compounds

Data File: G:\APOLLO\DATA\211101\1101060.D
Sample : DMO LVL 4 CCV 10/27/21





TPH Extractables
DOC1028

Form 7
Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: Water

SDG No:
Date Analyzed: 11/3/2021
Instrument: Apollo
Initial Cal. Date: 10/28/2021
Data File: 1101074.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2516670	2404720	4.4	HATM	
2	HBTM	Motor Oil (C24-C40)	2492040	1775470	29	HBTML	0.66
3	SA	Ortho-Terphenyl(S)	3127510	3067990	1.9	SA	
4	SA	Octacosane(S)	2261430	2253980	0.33	SA	
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		Average			8.9		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211101\1101074.D Vial: 74
Acq On : 11-3-21 3:26:22 Operator: KA
Sample : DMO LVL 4 CCV 10/27/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 30 12:16 2021 Quant Results File: DOC1028.RES

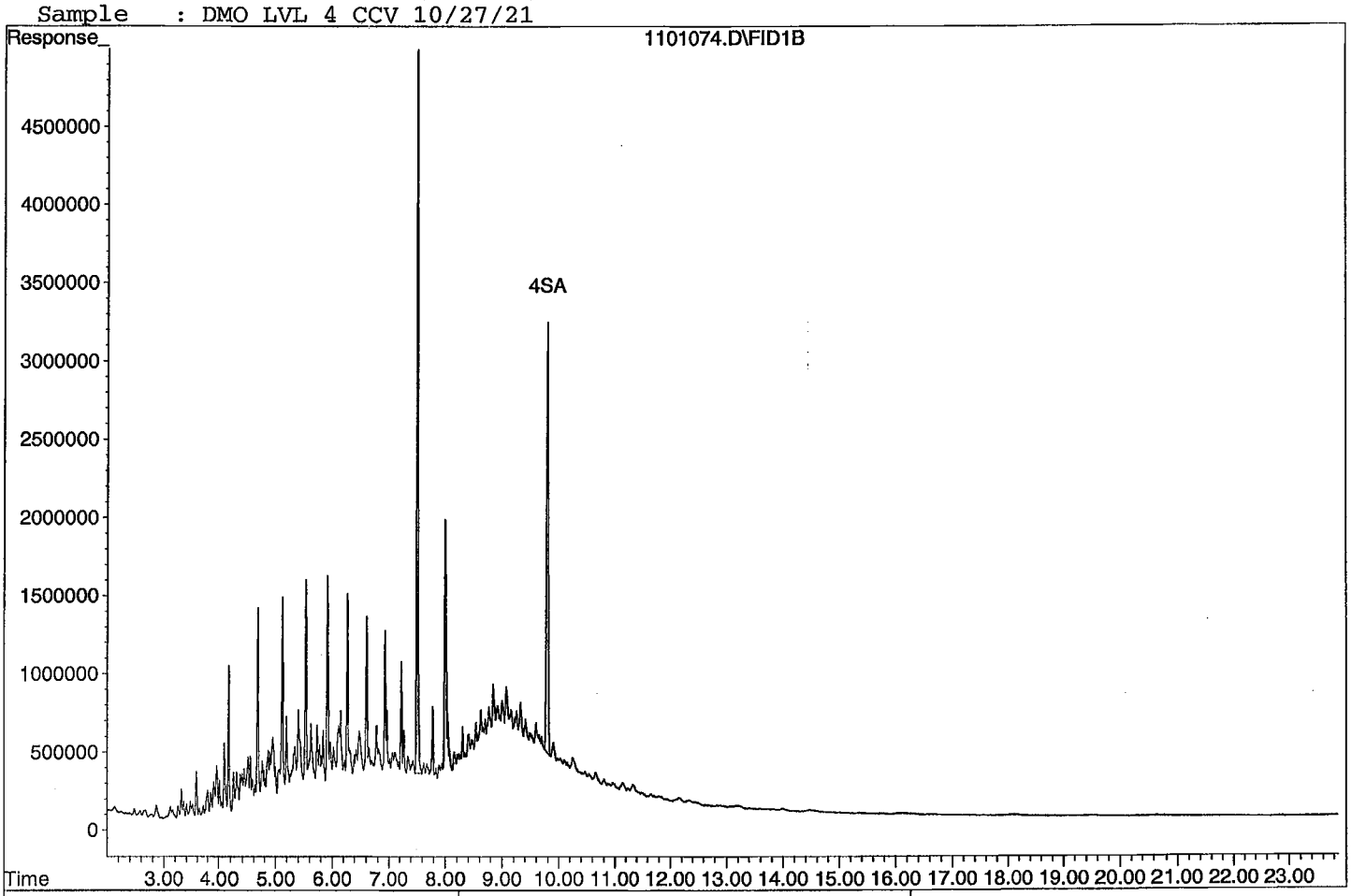
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Nov 30 12:15:14 2021
Response via : Multiple Level Calibration

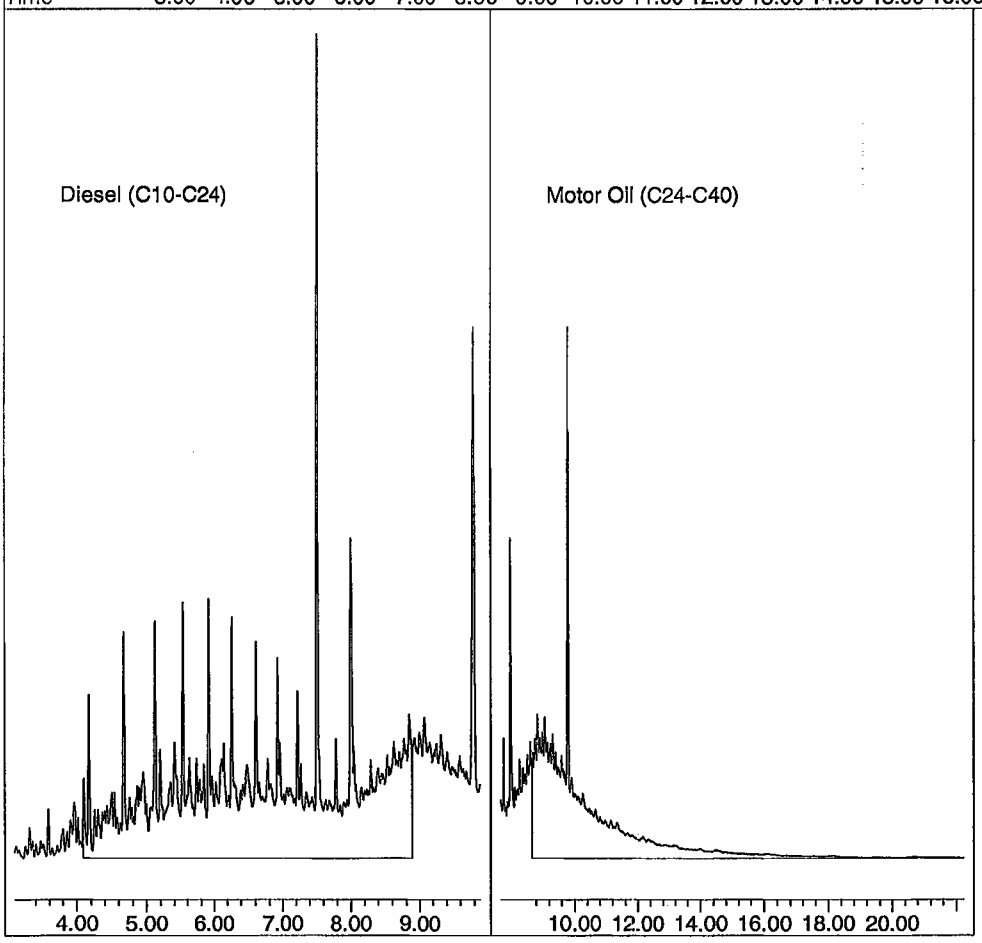
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	76699742	12.262 ppb
Surrogate Spike 30.000	Recovery =		40.87%
4) SA Octacosane(S)	9.79	56349427	12.459 ppb
Surrogate Spike 30.000	Recovery =		41.53%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1202358202	238.879 ppb
2) HBTM Motor Oil (C24-C40)	14.96	887735288	251.651 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File: G:\APOLLO\DATA\211101\1101074.D
Sample : DMO LVL 4 CCV 10/27/21





TPH Extractables
DOC1028

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: Water

SDG No:
Date Analyzed: 11/3/2021
Instrument: Apollo
Initial Cal. Date: 10/28/2021
Data File: 1101085.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2516670	2364630	6.0	HATM	
2	HBTM	Motor Oil (C24-C40)	2492040	1738480	30	HBTML	1.5
3	SA	Ortho-Terphenyl(S)	3127510	2944940	5.8	SA	
4	SA	Octacosane(S)	2261430	2183220	3.5	SA	
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		Average			11.3		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211101\1101085.D Vial: 85
Acq On : 11-3-21 8:35:02 Operator: KA
Sample : DMQ LVL 4 CCV 10/27/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 30 12:18 2021 Quant Results File: DOC1028.RES

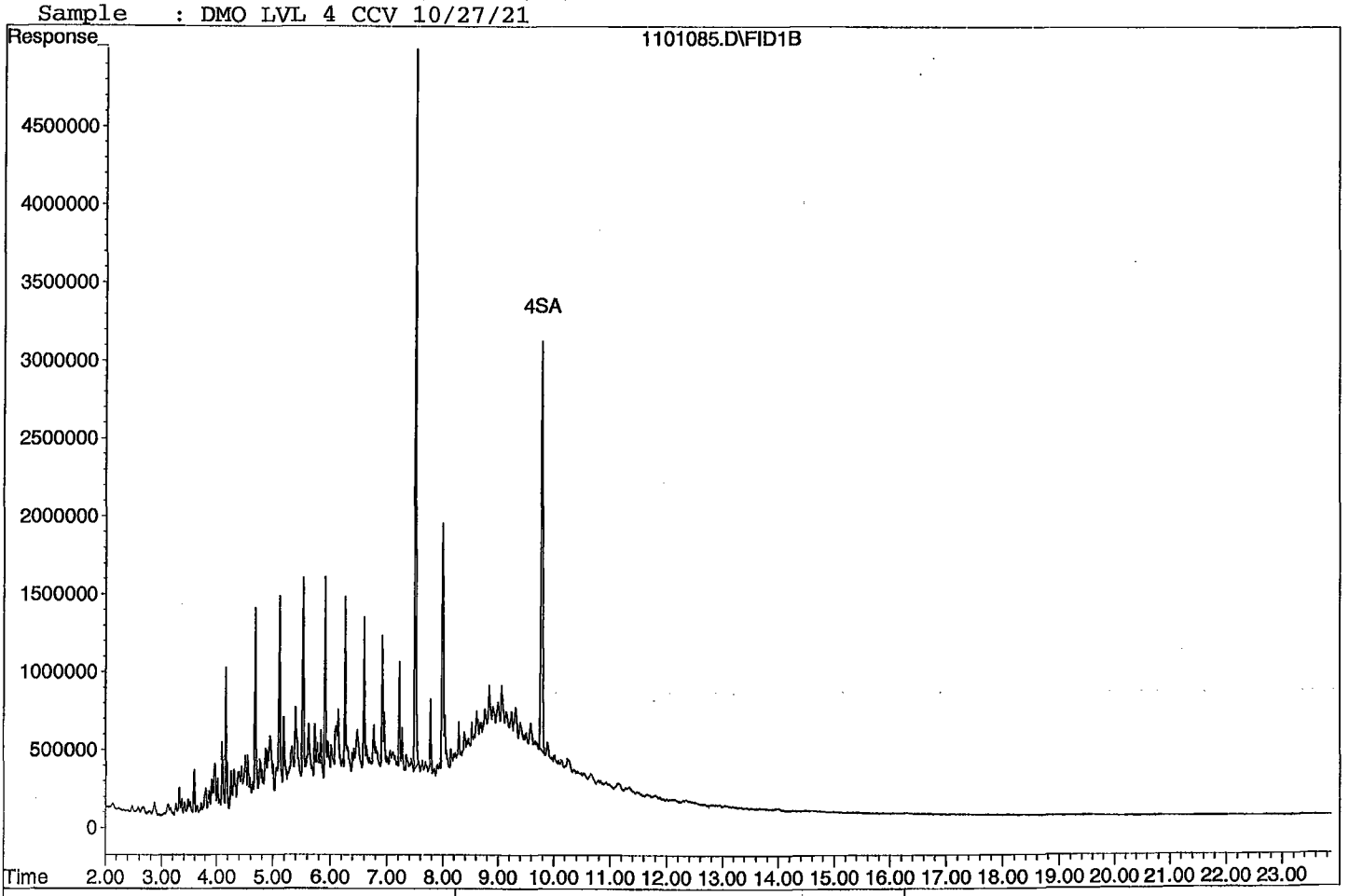
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Nov 30 12:15:14 2021
Response via : Multiple Level Calibration

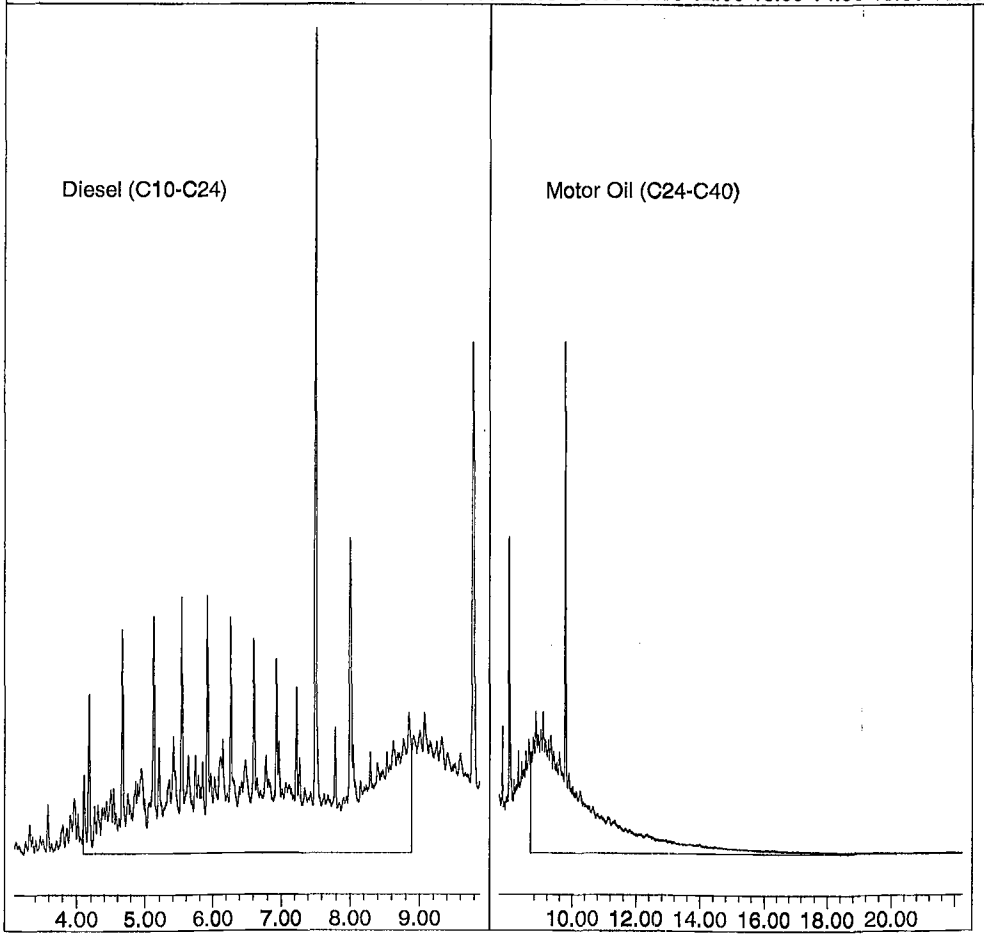
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	73623448	11.770 ppb
Surrogate Spike 30.000		Recovery =	39.23%
4) SA Octacosane(S)	9.79	54580401	12.068 ppb
Surrogate Spike 30.000		Recovery =	40.23%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1182316049	234.897 ppb
2) HBTM Motor Oil (C24-C40)	14.96	869240974	246.199 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File: G:\APOLLO\DATA\211101\1101085.D
Sample : DMO LVL 4 CCV 10/27/21





ORGANICS
Raw Data

Quantitation Report (QT Reviewed)

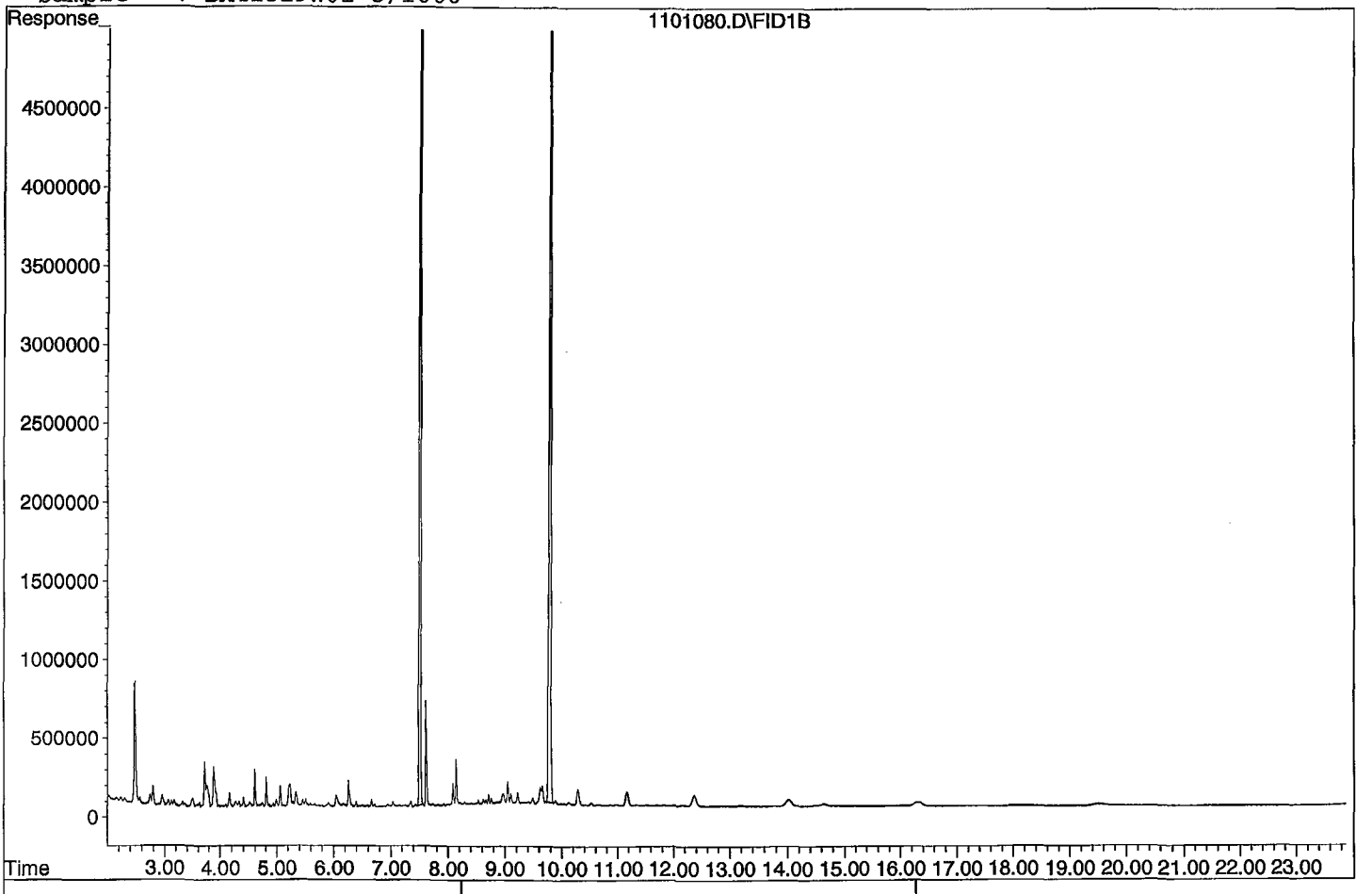
Data File : G:\APOLLO\DATA\211101\1101080.D Vial: 80
Acq On : 11-3-21 6:14:45 Operator: KA
Sample : BA42519W01 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 8 12:10 2021 Quant Results File: DOC1028.RES

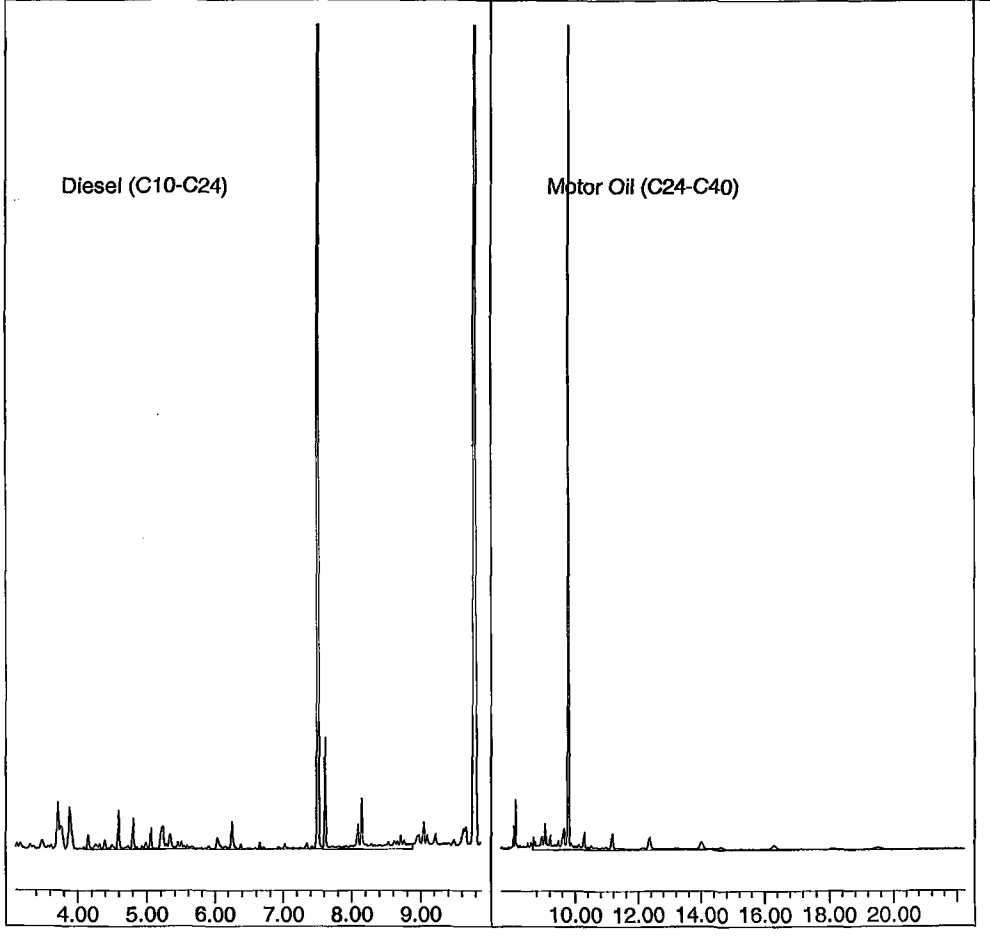
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 08 12:05:25 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	138693930	110.866 ppb
Surrogate Spike 150.000		Recovery =	73.91%
4) SA Octacosane(S)	9.79	123452396	136.476 ppb
Surrogate Spike 150.000		Recovery =	90.98%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	73926384	73.437 ppb
2) HBTM Motor Oil (C24-C40)	14.96	89234102	81.169 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\211101\1101080.D
Sample : BA42519W01 5/1000





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211101\1101081.D Vial: 81
Acq On : 11-3-21 6:42:45 Operator: KA
Sample : BA42520W01 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 8 12:11 2021 Quant Results File: DOC1028.RES

Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 08 12:05:25 2021
Response via : Multiple Level Calibration

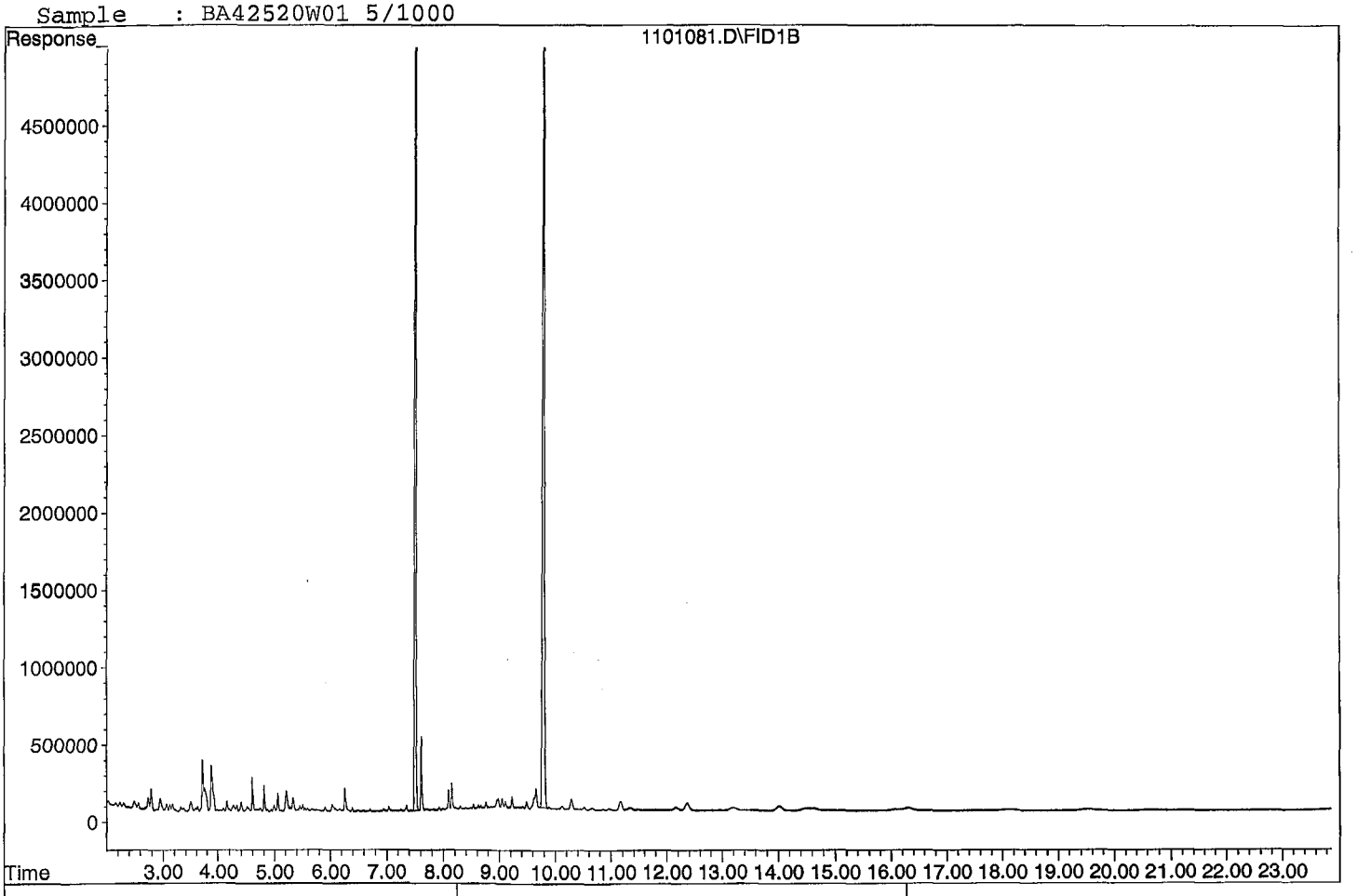
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

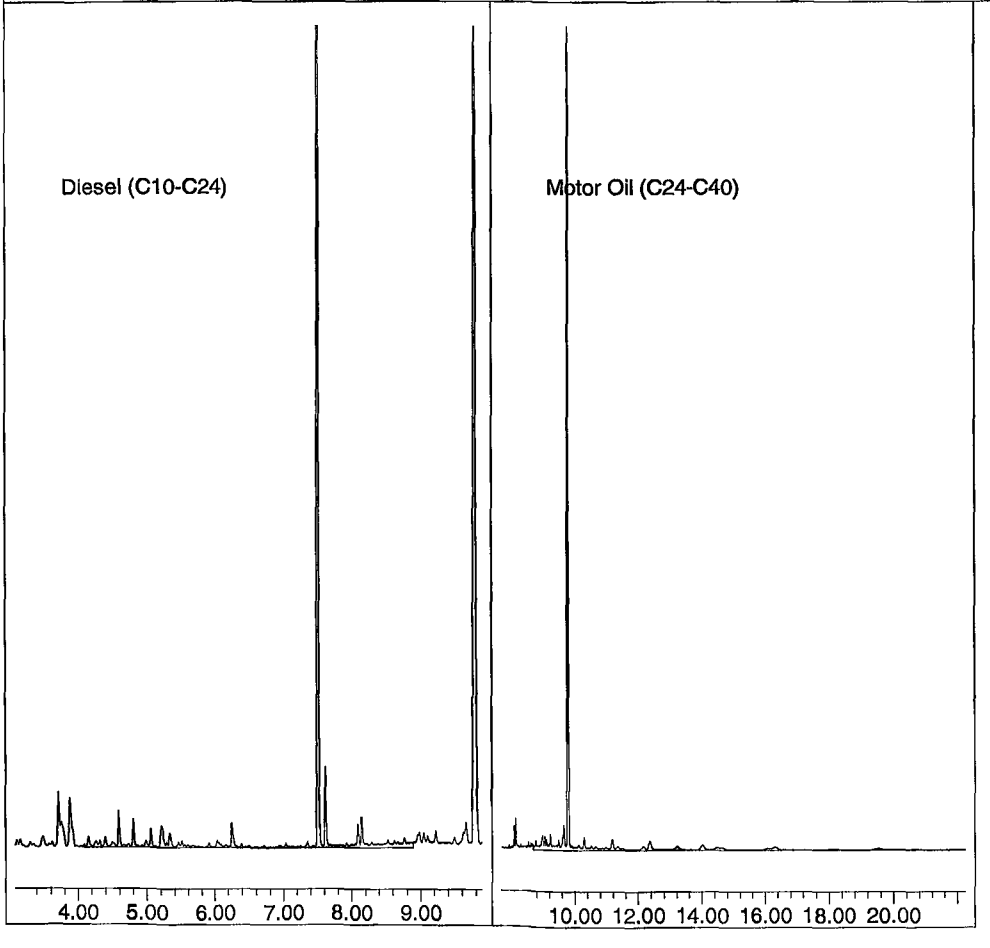
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	133750215	106.914 ppb
Surrogate Spike 150.000		Recovery =	71.28%
4) SA Octacosane(S)	9.78	118280659	130.759 ppb
Surrogate Spike 150.000		Recovery =	87.17%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	63820880	63.398 ppb
2) HBTM Motor Oil (C24-C40)	14.96	88419107	79.968 ppb

Target Compounds

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File: G:\APOLLO\DATA\211101\1101081.D
Sample : BA42520W01 5/1000





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211101\1101082.D Vial: 82
Acq On : 11-3-21 7:10:50 Operator: KA
Sample : BA42521W01 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 8 12:11 2021 Quant Results File: DOC1028.RES

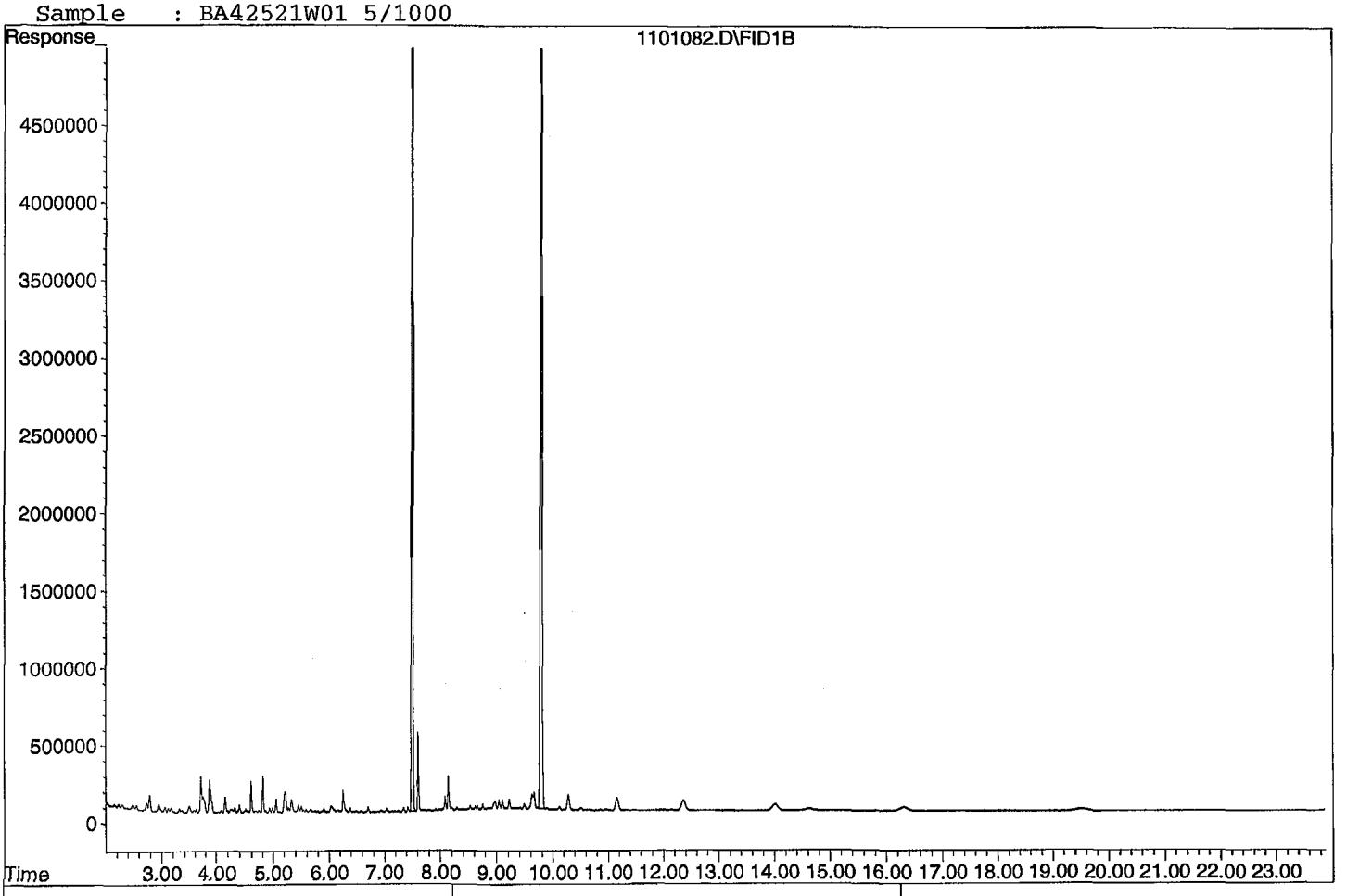
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 08 12:05:25 2021
Response via : Multiple Level Calibration

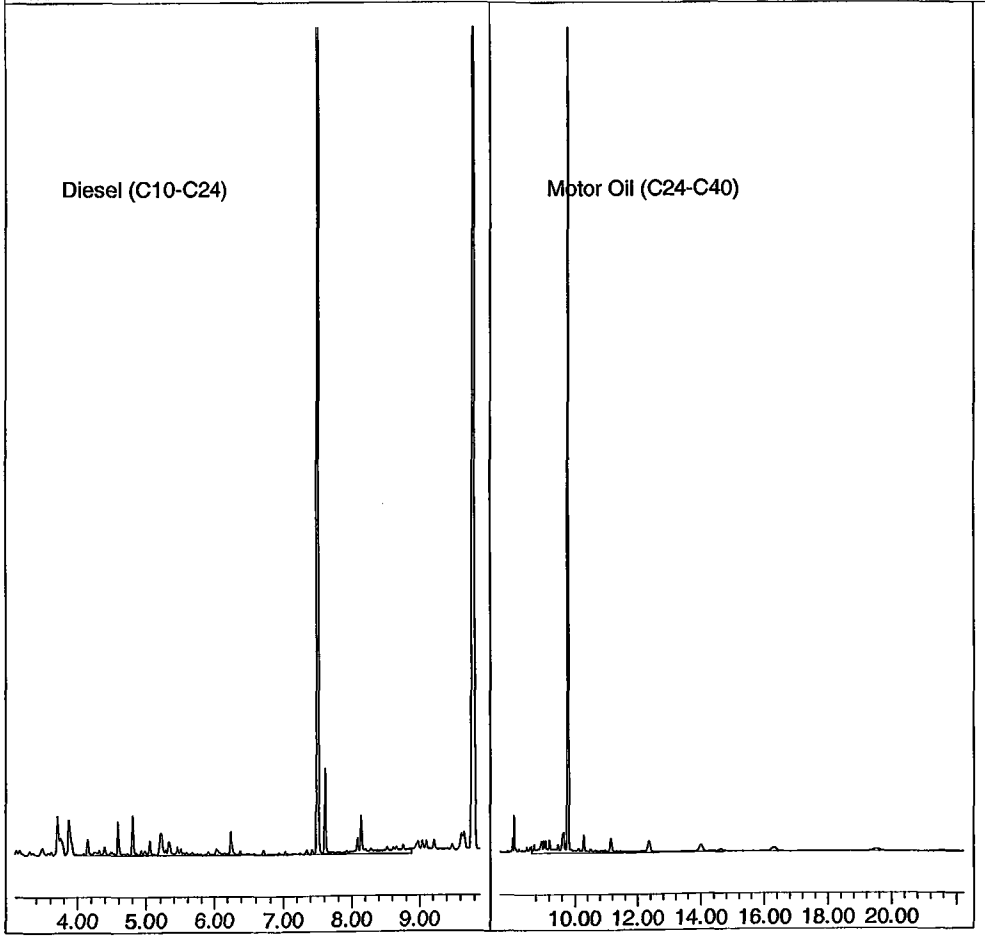
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	139306796	111.356 ppb
Surrogate Spike 150.000		Recovery =	74.24%
4) SA Octacosane(S)	9.79	124373497	137.494 ppb
Surrogate Spike 150.000		Recovery =	91.66%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	63888847	63.466 ppb
2) HBTM Motor Oil (C24-C40)	14.96	80840142	68.795 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File: G:\APOLLO\DATA\211101\1101082.D
Sample : BA42521W01 5/1000





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211101\1101083.D Vial: 83
Acq On : 11-3-21 7:38:52 Operator: KA
Sample : BA42522W01 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 8 12:11 2021 Quant Results File: DOC1028.RES

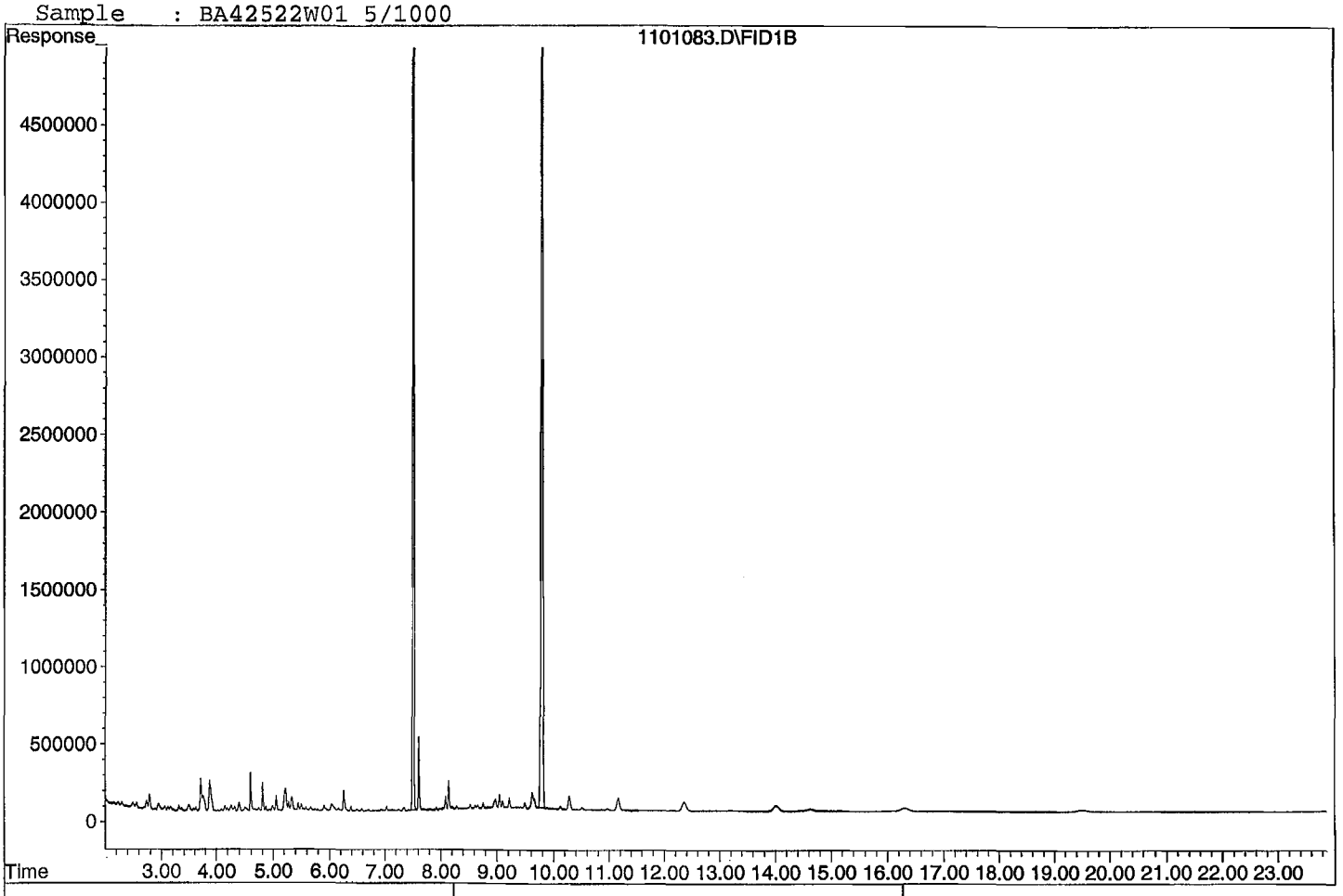
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 08 12:05:25 2021
Response via : Multiple Level Calibration

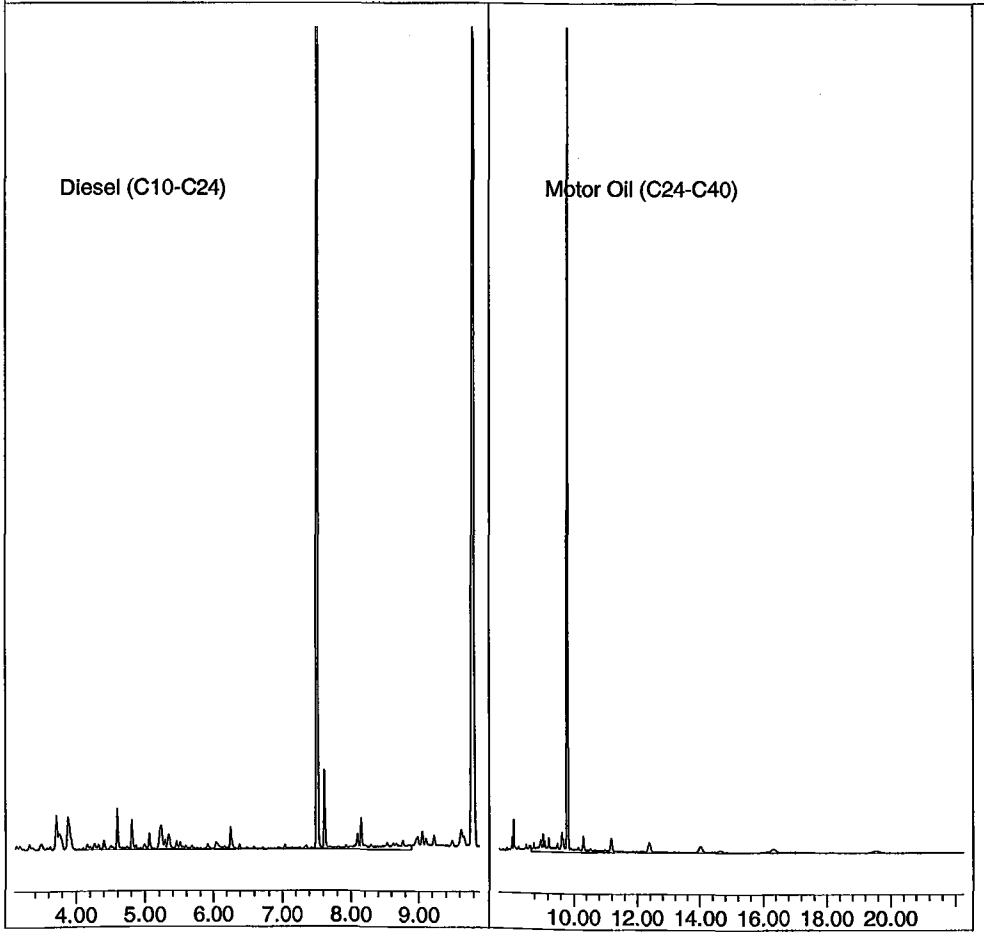
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	138725870	110.892 ppb
Surrogate Spike 150.000		Recovery =	73.93%
4) SA Octacosane(S)	9.79	123966320	137.044 ppb
Surrogate Spike 150.000		Recovery =	91.36%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	63209366	62.791 ppb
2) HBTM Motor Oil (C24-C40)	14.96	81735959	70.116 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File: G:\APOLLO\DATA\211101\1101083.D
Sample : BA42522W01 5/1000





Quantitation Report (QT Reviewed)

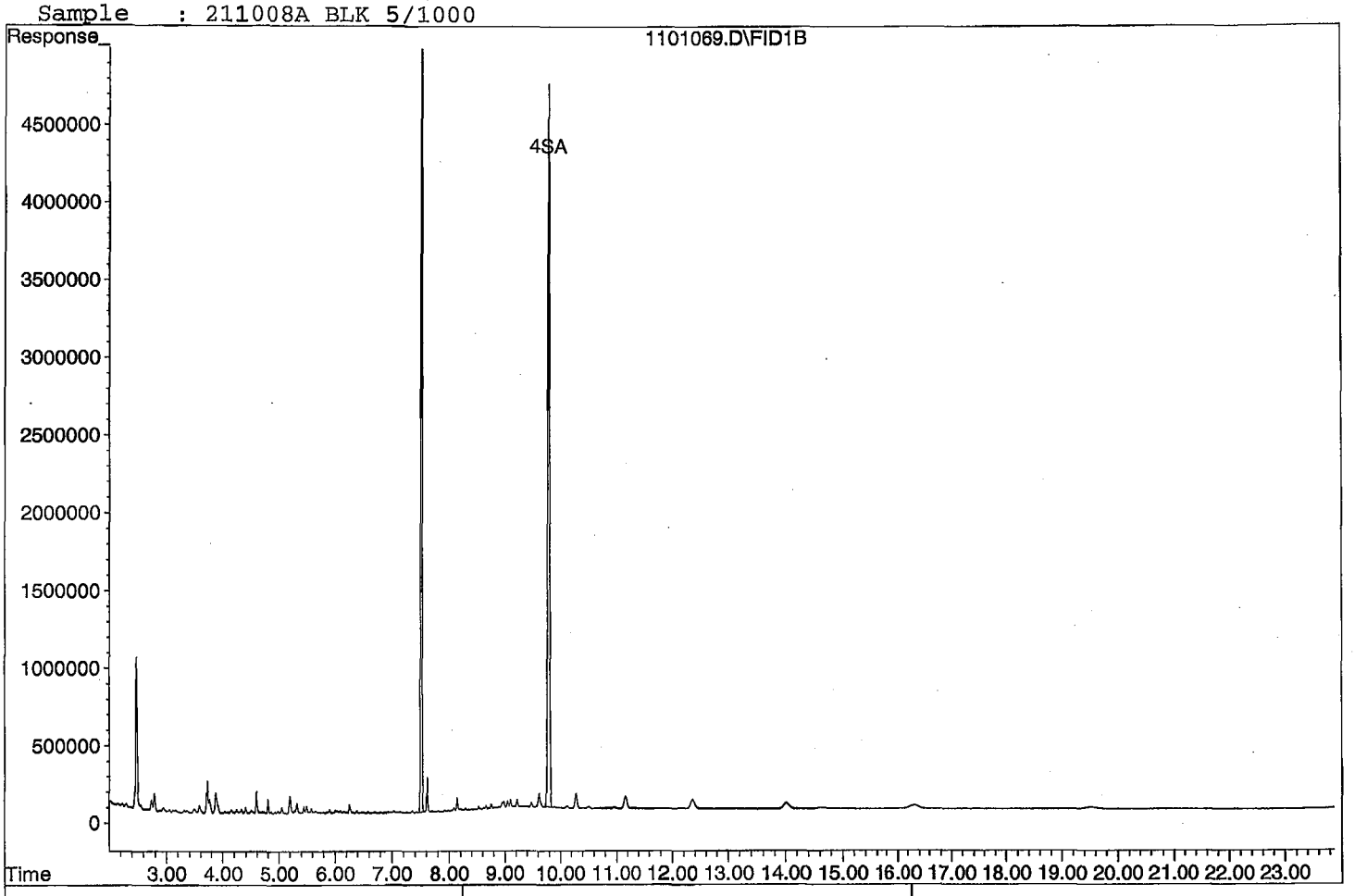
Data File : G:\APOLLO\DATA\211101\1101069.D Vial: 69
Acq On : 11-3-21 1:05:57 Operator: KA
Sample : 211008A BLK 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 8 12:05 2021 Quant Results File: DOC1028.RES

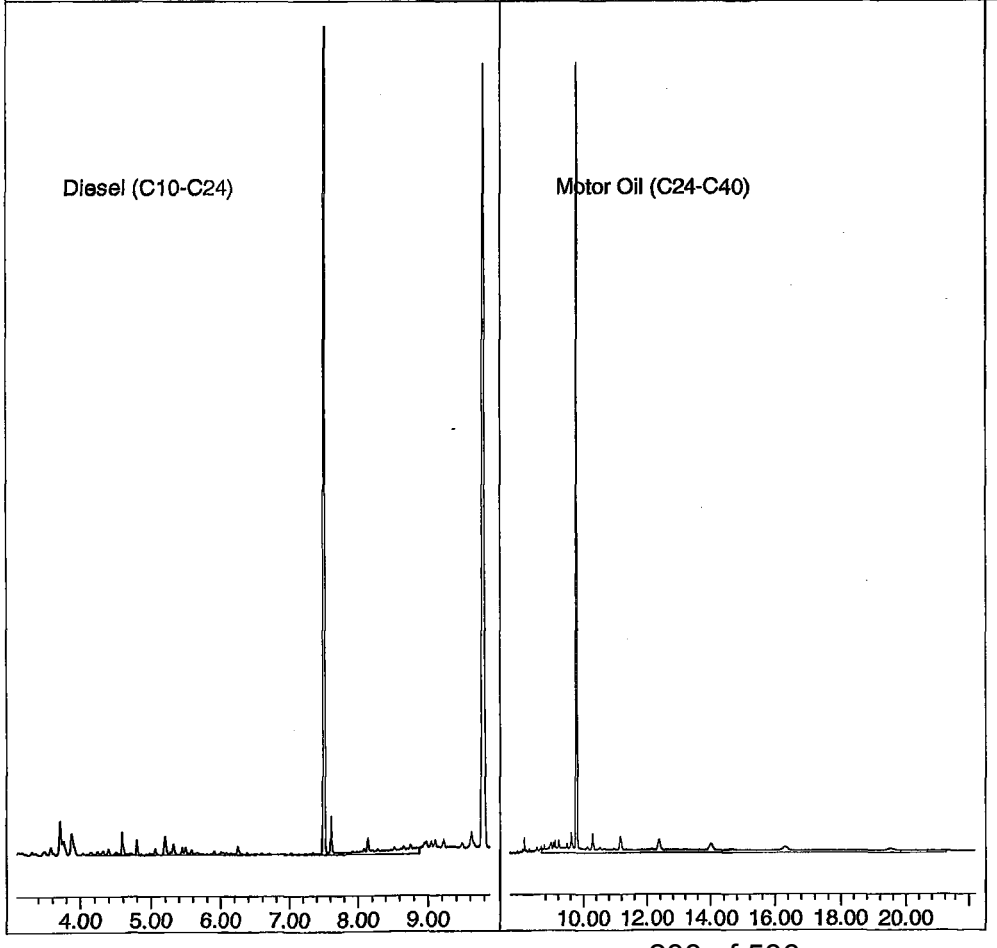
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 08 12:05:25 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	116997870	93.523 ppb
Surrogate Spike 150.000		Recovery =	62.35%
4) SA Octacosane(S)	9.79	103592394	114.521 ppb
Surrogate Spike 150.000		Recovery =	76.35%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	46770853	46.461 ppb
2) HBTM Motor Oil (C24-C40)	14.96	155623733	179.035 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\211101\1101069.D
Sample : 211008A BLK 5/1000





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211101\1101070.D Vial: 70
Acq On : 11-3-21 1:34:03 Operator: KA
Sample : 211008A LCS-1 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 8 12:06 2021 Quant Results File: DOC1028.RES

Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 08 12:05:25 2021
Response via : Multiple Level Calibration

Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

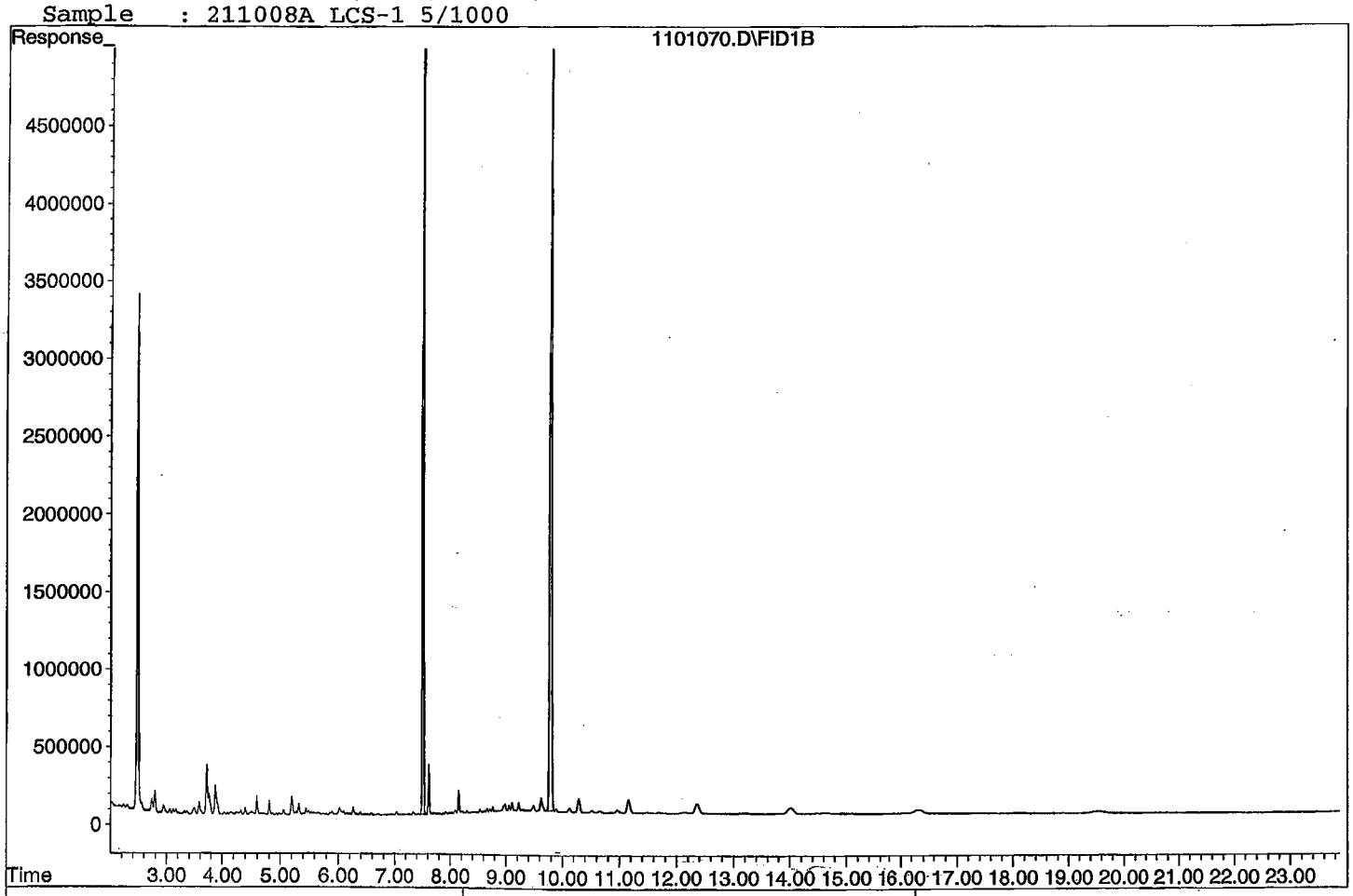
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	130922772	104.654 ppb
Surrogate Spike 150.000		Recovery =	69.77%
4) SA Octacosane(S)	9.79	115967950	128.202 ppb
Surrogate Spike 150.000		Recovery =	85.47%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	48242798	47.923 ppb
2) HBTM Motor Oil (C24-C40)	14.96	149682735	170.278 ppb
Target Compounds			

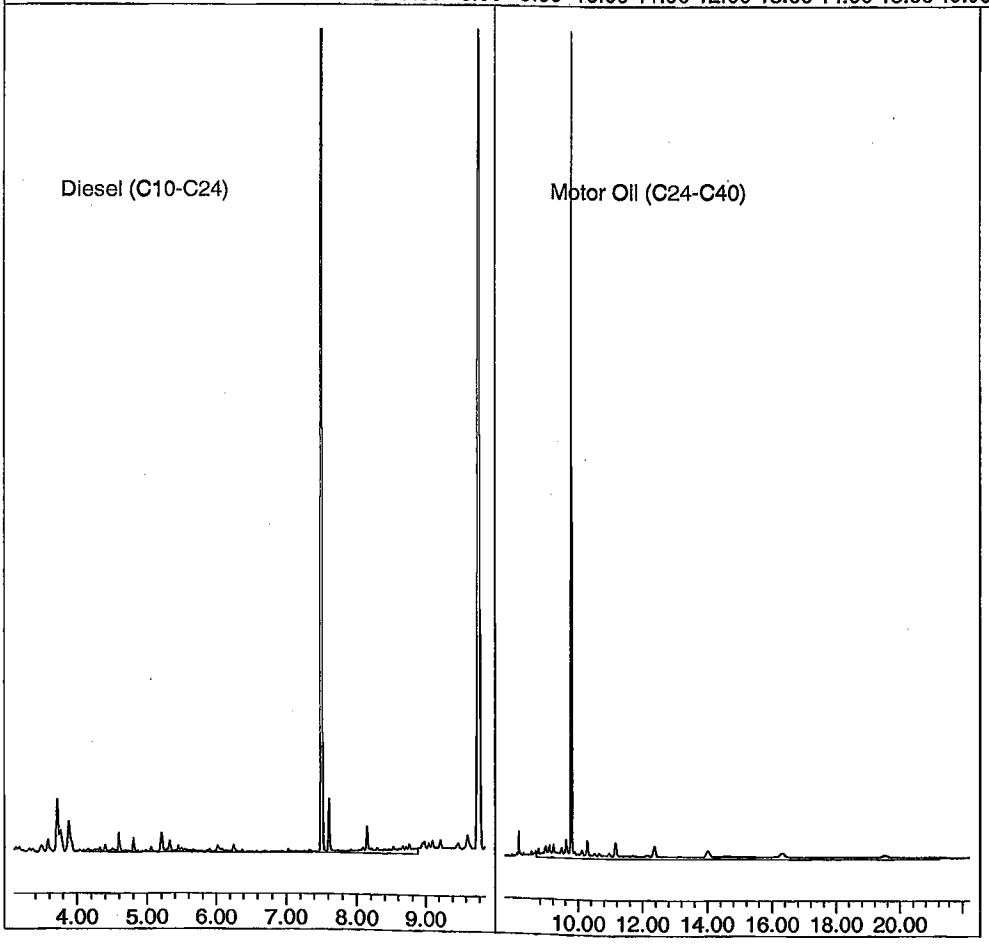
Diesel:

$$\frac{(48242798)(5)}{(2516669)(2)} = \frac{241213990}{5033338} = \boxed{47.923}$$

(f)=RT Delta > 1/2 Window (m)=manual int.
1101070.D DOC1028.M Mon Nov 08 12:23:52 2021 Page 1

Data File: G:\APOLLO\DATA\211101\1101070.D
Sample : 211008A LCS-1 5/1000





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211101\1101071.D Vial: 71
Acq On : 11-3-21 2:02:10 Operator: KA
Sample : 211008A LCSD-1 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 8 12:06 2021 Quant Results File: DOC1028.RES

Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Nov 08 12:05:25 2021
Response via : Multiple Level Calibration

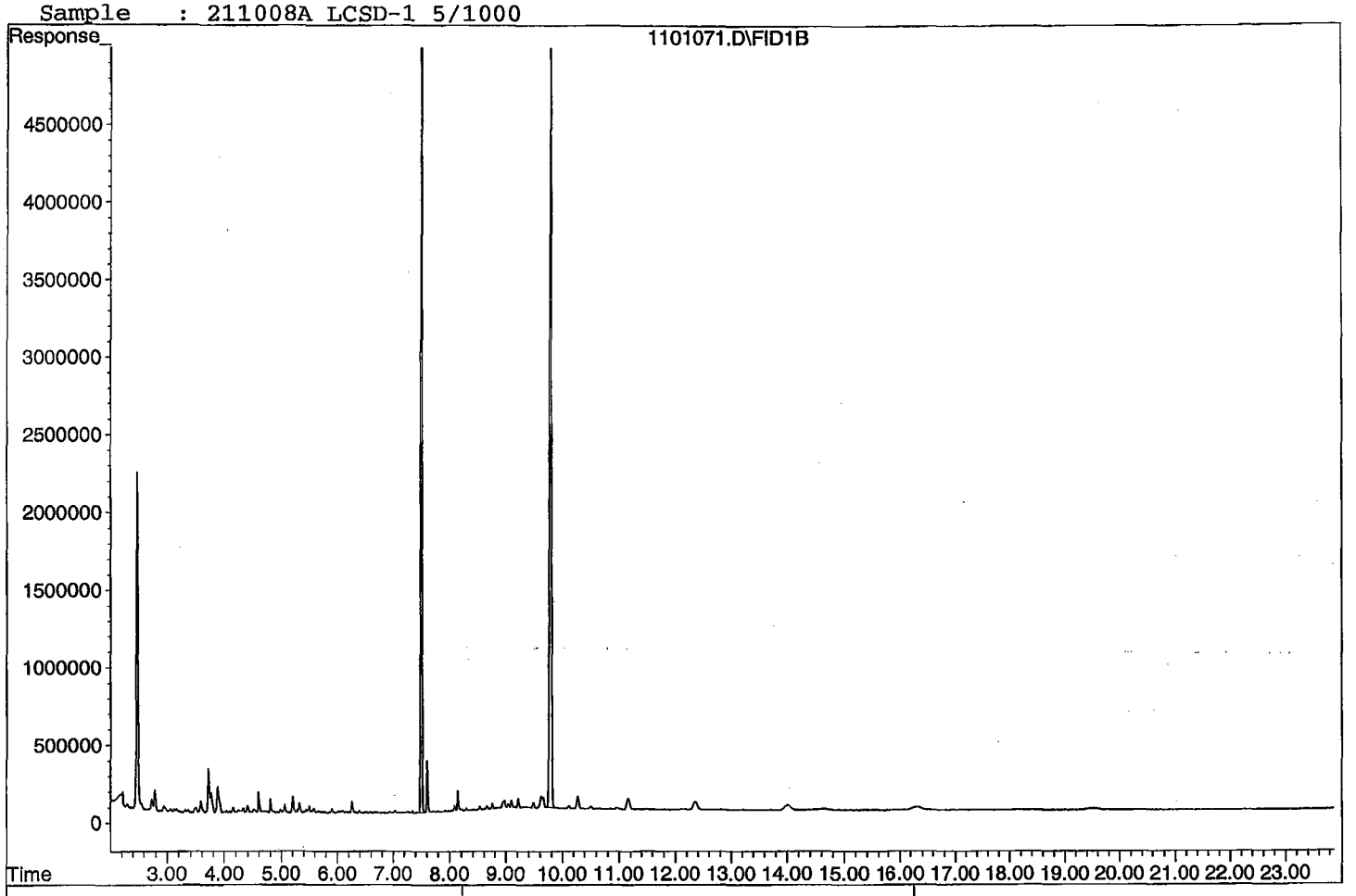
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

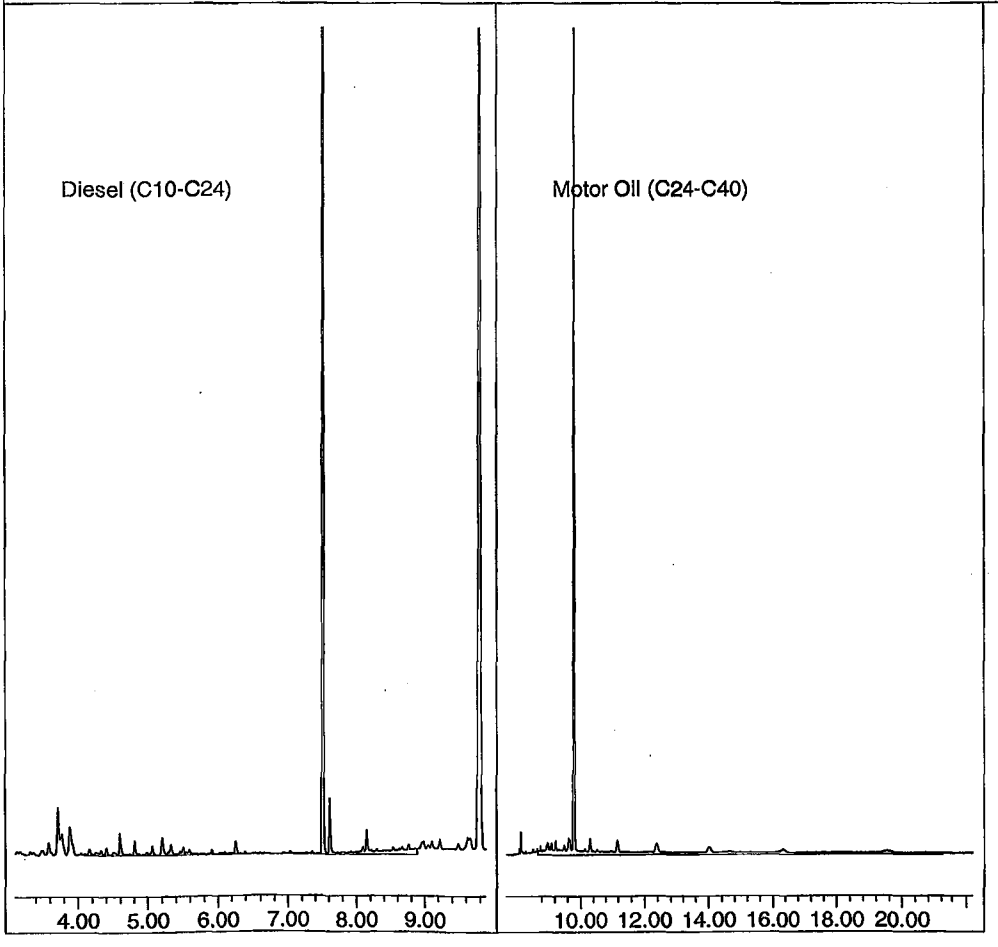
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	137359986	109.800 ppb
Surrogate Spike 150.000		Recovery =	73.20%
4) SA Octacosane(S)	9.79	121883679	134.742 ppb
Surrogate Spike 150.000		Recovery =	89.83%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	48067117	47.749 ppb
2) HBTM Motor Oil (C24-C40)	14.96	139082696	154.652 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File: G:\APOLLO\DATA\211101\1101071.D
Sample : 211008A LCSD-1 5/1000





Diesel / Motor Oil Calibration Curve

Prepared: 10/28/2021
Expires: 5/31/2026
Methylene Chloride Lot No. 61117

Prepared By (Initials): KA

Initial Standard Information							Final Standard			
Name of Initial Standard (QAU Label)	Supplier	Conc. (ug/mL)	APPL Mix Name	Reference to APPL Prep Date and Lot #'s	Exp. Date	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Diesel / Motor Oil - 2	APPL	10	Diesel / Motor Oil - 1	Perp'd: 10/6/21 A0164485-52822, A0168842-52820, AO166510-52817 CL16893-52835	See man. Exp date	10/31/2027 12/31/2027 5/31/2026	100uL	200uL	MC	5
Diesel / Motor Oil - 3		50	Diesel / Motor Oil - 2				200uL	1mL	MC	10
Diesel / Motor Oil Calibration STD	Restek	2,000	Diesel / Motor Oil - 3				25uL	1mL	MC	50
			Diesel / Motor Oil - 4				125uL	1mL	MC	250
			Diesel / Motor Oil - 5				500uL	1mL	MC	1000
			Diesel / Motor Oil - 6				750uL	1mL	MC	1500
			Diesel / Motor Oil - 7				100uL	100uL	N/A	2,000

Diesel / Motor Oil Second Source

Prepared: 10/28/2021
Expires: 10/28/2024

Prepared By (Initials): KA

Methylene Chloride Lot No. 61117

Initial Standard Information							Final Standard			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Diesel Fuel #2 Second Source	Phenova	AL0-101287	50,000	**CL16477-52980**	**See man. Exp date**	**2/28/2027**	50uL	10mL	MC	250
Motor Oil Second Source	Absolute	51094	50,000	**102819-52981**		**10/28/2024**	50uL			

Diesel / Motor Oil CCV

Prepared: 10/27/2021
Expires: 5/31/2026
Methylene Chloride Lot No. 61117

Prepared By (Initials): KA

Initial Standard Information							Final Standard			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference to APPL Prep Date and Lot #'s	Exp. Date	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Diesel / Motor Oil STD	Restek	Diesel / Motor Oil CCV	2,000	Perp'd: 10/06/21 A0164485-52822, A0168842-52820, A0166510-52817, CL16893-52835	**See man. Exp date**	**10/31/2027 12/31/2027 5/31/2026**	1250uL	10mL	MC	250

THC Surrogate

Prepared: 8/24/2021 **KA**

Expires: 8/24/2022

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
O-terphenyl / Octacosane Mix	Phenova	ALO-130161	600	**CL16893-52838**	**8/24/2022**	**5/31/2026**	N/A	N/A	N/A	600

Organic Extraction Worksheet

Method	Continuous Liq/Liq TPH-Diesel/MO 3520C	Extraction Set	211008A	Extraction Method	LIQ005	Units	mL

Spiked ID 1			Surrogate ID 1	THC Surrogate 8/23/21-8/23/22	
Spiked ID 2			Surrogate ID 2		
Spiked ID 3			Surrogate ID 3		
Spiked ID 4			Surrogate ID 4		
Spiked ID 5			Surrogate ID 5		
Spiked ID 6			Sufficient Vol for Matrix QC:	NO	
Spiked ID 7			Ext. Start Time:	10/08/21 16:15	
Spiked ID 8			Ext. End Time:	10/09/21 10:16	
			GC Requires Extract By:		

pH1	2		Water Bath Temp 1 °C	
pH2			Water Bath Temp 2 °C	
pH3			Water Bath Temp 3 °C	

Spiked By: KY **Date** 10/8/2021 9:21:00 AM **Witnessed By:** SR **Date** 10/8/2021 9:21:00 AM

	Sample	Sample Container	Spike Amount	Spike ID	Surrogate Amount	Surrogate ID	Extract Amount	Final Volume	pH	Extract Date/Time	Comments
1	211008A Blk				0.250	1 equip	1000	5	2	10/08/21 9:21	
2	211008A LCS-1				0.250	1 equip	1000	5	2	10/08/21 9:21	
3	211008A LCSD-1				0.250	1 equip	1000	5	2	10/08/21 9:21	
4	BA40222	BA40222W01			0.250	1 equip	1000	5	2	10/08/21 9:21	97224
5	BA40223	BA40223W01			0.250	1 equip	1000	5	2	10/08/21 9:21	97224
6	BA40224	BA40224W01			0.250	1 equip	1000	5	2	10/08/21 9:21	97224
7	BA40225	BA40225W01			0.250	1 equip	1000	5	2	10/08/21 9:21	97224
8	BA40226	BA40226W01			0.250	1 equip	1000	5	2	10/08/21 9:21	97224
9	BA40227	BA40227W01			0.250	1 equip	1000	5	2	10/08/21 9:21	97224
10	BA40228	BA40228W01			0.250	1 equip	1000	5	2	10/08/21 9:21	97224
11	BA42519	BA42519W01			0.250	1 equip	1000	5	2	10/08/21 9:21	97781
12	BA42520	BA42520W01			0.250	1 equip	1000	5	2	10/08/21 9:21	97781
13	BA42521	BA42521W01			0.250	1 equip	1000	5	2	10/08/21 9:21	97781
14	BA42522	BA42522W01			0.250	1 equip	1000	5	2	10/08/21 9:21	97781
15	BA42525	BA42525W01			0.250	1 equip	1000	5	2	10/08/21 9:21	97782
16	BA42529	BA42529W01			0.250	1 equip	1000	5	2	10/08/21 9:21	97783

Solvent and Lot#	
1+1 HCL (5mLs)	*
PH Strips	HC041002
Dicholormethane	61117
Filter Paper	1441-150
Sodium Sulfate	2021071206
Silica Gel (*)	*

Extraction COC Transfer	
Extraction lab employee Initials	
GC analyst's initials	CW
Date	
Time	
Refrigerator	Hobart

	Technician's Initials
Scanned By	KY
Sample Preparation	SR
Extraction	SR
Concentration	SR

Modified	10/8/2021 8:52:00 AM

Reviewed By: **Date**

Organic Extraction Worksheet

Method	Continuous Liq/Liq TPH-Diesel/MO 3520C	Extraction Set	211008A	Extraction Method	LIQ005	Units	mL

Spiked ID 1			Surrogate ID 1	THC Surrogate 8/23/21-8/23/22	
Spiked ID 2			Surrogate ID 2		
Spiked ID 3			Surrogate ID 3		
Spiked ID 4			Surrogate ID 4		
Spiked ID 5			Surrogate ID 5		
Spiked ID 6			Sufficient Vol for Matrix QC:	NO	
Spiked ID 7			Ext. Start Time:	10/08/21 16:15	
Spiked ID 8			Ext. End Time:	10/09/21 10:16	
			GC Requires Extract By:		

pH1	2		Water Bath Temp 1 °C	
pH2			Water Bath Temp 2 °C	
pH3			Water Bath Temp 3 °C	

Spiked By: KY **Date** 10/8/2021 9:21:00 AM **Witnessed By:** SR **Date** 10/8/2021 9:21:00 AM

	Sample	Sample Container	Spike Amount	Spike ID	Surrogate Amount	Surrogate ID	Extract Amount	Final Volume	pH	Extract Date/Time	Comments
17	BA42530	BA42530W01			0.250	1	1000	5	2	10/08/21 9:21	97783
						equip					

Solvent and Lot#	
1+1 HCL (5mLs)	*
PH Strips	HC041002
Dicholormethane	61117
Filter Paper	1441-150
Sodium Sulfate	2021071206
Silica Gel (*)	*

Extraction COC Transfer	
Extraction lab employee Initials	
GC analyst's initials	CW
Date	
Time	
Refrigerator	Hobart

	Technician's Initials
Scanned By	KY
Sample Preparation	SR
Extraction	SR
Concentration	SR

Modified	10/8/2021 8:52:00 AM

Reviewed By: **Date**

Injection Log

Directory: G:\APOLLO\DATA\211028\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	3	1028003.D	1	DMO STD 1 10/28/21	water	10-28-21 9:19:03
2	4	1028004.D	1	DMO STD 2 10/28/21	water	10-28-21 9:47:06
3	5	1028005.D	1	DMO STD 3 10/28/21	water	10-28-21 10:15:13
4	6	1028006.D	1	DMO STD 4 10/28/21	water	10-28-21 10:43:31
5	7	1028007.D	1	DMO STD 5 10/28/21	water	10-28-21 11:11:42
6	8	1028008.D	1	DMO STD 6 10/28/21	water	10-28-21 11:39:55
7	9	1028009.D	1	DMO STD 7 10/28/21	water	10-28-21 12:08:10
8	10	1028010.D	1	DMO Second Source 10/28/21	water	10-28-21 12:36:26
9	60	1101060.D	1	DMO LVL 4 CCV 10/27/21	water	11-2-21 20:52:14
10	69	1101069.D	5	211008A BLK 5/1000	water	11-3-21 1:05:57
11	70	1101070.D	5	211008A LCS-1 5/1000	water	11-3-21 1:34:03
12	71	1101071.D	5	211008A LCSD-1 5/1000	water	11-3-21 2:02:10
13	74	1101074.D	1	DMO LVL 4 CCV 10/27/21	water	11-3-21 3:26:22
14	80	1101080.D	5	BA42519W01 5/1000	water	11-3-21 6:14:45
15	81	1101081.D	5	BA42520W01 5/1000	water	11-3-21 6:42:45
16	82	1101082.D	5	BA42521W01 5/1000	water	11-3-21 7:10:50
17	83	1101083.D	5	BA42522W01 5/1000	water	11-3-21 7:38:52
18	85	1101085.D	1	DMO LVL 4 CCV 10/27/21	water	11-3-21 8:35:02

ORGANICS
Calibration Data

PAH by GCMS SIM
EPA 8270 SIM

Form 6
Initial Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Initial Cal. Date: 10/19/2021
Matrix: Instrument: KYLO Initials: LS

		Compound	0.1	0.2	0.5	1	5	10	50	100			Avg	%RSD	Type	r^2	Q	MRF
			1019K002.D	1019K003.D	1019K004.D	1019K005.D	1019K006.D	1019K007.D	1019K008.D	1019K009.D								
1	I	Napthalene-D8(IS)																
2	TM	Naphthalene	1.428	1.402	1.354	1.336	1.308	1.289	1.172	1.100			1.3	8.6	TM			0.700
3	S	2-Methylnaphthalene-D10 (2M	1.359	1.337	1.324	1.305	1.316	1.159	1.222	1.192			1.3	5.9	S			
4	TM	2-Methylnaphthalene	0.7868	0.7804	0.7756	0.7764	0.7886	0.7810	0.7175	0.6825			0.76	5.1	TM			0.400
5	TM	1-Methylnaphthalene	0.8005	0.7905	0.7931	0.7961	0.7922	0.7806	0.7122	0.6797			0.77	6.0	TM			
6	I	Acenaphthene-D10(IS)																
7	TM	Acenaphthylene	5.288	5.373	5.323	5.258	5.439	5.405	4.863	4.456			5.2	6.6	TM			0.900
8	*TM	Acenaphthene	1.497	1.444	1.402	1.372	1.398	1.381	1.266	1.207			1.4	6.8	*TM			0.900
9	TM	Fluorene	1.615	1.645	1.600	1.590	1.642	1.640	1.521	1.456			1.6	4.2	TM			0.900
10	I	Phenanthrene-D10(IS)																
11	TM	Phenanthrene	1.510	1.398	1.383	1.377	1.403	1.374	1.309	1.253			1.4	5.4	TM			0.700
12	TM	Anthracene	1.298	1.273	1.300	1.300	1.352	1.349	1.285	1.240			1.3	2.8	TM			0.700
13	S	Fluoranthene-D10 (FRT)	2.023	1.976	1.895	1.904	2.032	1.918	1.953	1.890			1.9	2.9	S			
14	*TM	Fluoranthene	2.169	2.135	2.136	2.147	2.255	2.226	2.086	1.944			2.1	4.4	*TM			0.600
15	I	Chrysene-D12(IS)																
16	TM	Pyrene	1.986	2.033	1.960	1.958	1.948	1.927	1.782	1.720			1.9	5.6	TM			0.600
17	TM	Benz (a) anthracene	1.473	1.441	1.379	1.381	1.401	1.420	1.370	1.344			1.4	3.0	TM			0.800
18	TM	Chrysene	1.754	1.672	1.608	1.574	1.554	1.516	1.410	1.375			1.6	8.1	TM			0.700
19	TML	Indeno (1,2,3-cd) pyrene	1.687	1.326	1.360	1.404	1.015	1.052	1.169	1.168			1.3	17	TM	1.000		0.500
20	I	Perylene-D12(IS)																
21	TM	Benzo (b) fluoranthene	1.268	1.292	1.301	1.356	1.511	1.514	1.537	1.485			1.4	8.1	TM			0.700
22	TM	Benzo (k) fluoranthene	1.593	1.558	1.636	1.632	1.670	1.730	1.578	1.484			1.6	4.6	TM			0.700
23	*TM	Benzo (a) pyrene	1.254	1.223	1.224	1.265	1.442	1.484	1.454	1.383			1.3	8.3	*TM			0.700
24	TM	Dibenz (a,h) anthracene	1.360	1.209	1.221	1.273	1.398	1.395	1.399	1.353			1.3	6.0	TM			0.400
25	TM	Benzo (g,h,i) perylene	1.457	1.403	1.410	1.405	1.496	1.517	1.462	1.394			1.4	3.2	TM			0.500
26																		
27																		
28																		
29																		
30																		
31																		
32																		
33																		
34																		
35																		

Quantitation Report (Not Reviewed)

Data File : M:\KYLO\DATA\211019\1019K002.D Vial: 2
Acq On : 19 Oct 21 14:09 Operator: LS
Sample : 0.1 ug/ml 10/10/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 16:48 2021 Quant Results File: K1019.RES

Quant Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Oct 19 16:47:23 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Napthalene-D8(IS)	3.92	136	10962	2.50000 ppb		0.00
6) Acenaphthene-D10(IS)	5.86	164	5295	2.50000 ppb		0.00
10) Phenanthrene-D10(IS)	7.56	188	8379	2.50000 ppb		0.00
15) Chrysene-D12(IS)	10.63	240	9693	2.50000 ppb		0.01
20) Perylene-D12(IS)	12.84	264	9009	2.50000 ppb		0.01
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.66	152	298	0.05323 ppb		0.00
Spiked Amount 5.000			Recovery =	1.060%		
13) Fluoranthene-D10 (FRT)	8.94	212	339	0.05190 ppb		0.01
Spiked Amount 5.000			Recovery =	1.040%		
Target Compounds						Qvalue
2) Naphthalene	3.94	128	626	0.10994 ppb		99
4) 2-Methylnaphthalene	4.69	142	345	0.10338 ppb		100
5) 1-Methylnaphthalene	4.80	142	351	0.10422 ppb		99
7) Acenaphthylene	5.70	152	1120	0.10217 ppb		100
8) Acenaphthene	5.89	154	317	0.10918 ppb		99
9) Fluorene	6.49	166	342	0.10165 ppb		96
11) Phenanthrene	7.59	178	506	0.10973 ppb		100
12) Anthracene	7.65	178	435	0.09988 ppb		97
14) Fluoranthene	8.96	202	727	0.10149 ppb		98
16) Pyrene	9.22	202	770	0.10375 ppb		99
17) Benz (a) anthracene	10.62	228	571	0.10510 ppb		99
18) Chrysene	10.66	228	680	0.11258 ppb		96
19) Indeno (1,2,3-cd) pyrene	14.41	276	654	0.33399 ppb	#	88
22) Benzo (k) fluoranthene	12.21	252	574	-0.45104 ppb		97
23) Benzo (a) pyrene	12.75	252	452	-0.17190 ppb		95
24) Dibenz (a,h) anthracene	14.45	278	490	-0.04905 ppb		95
25) Benzo (g,h,i) perylene	14.71	276	525	-0.23039 ppb		98

(#) = qualifier out of range (m) = manual integration

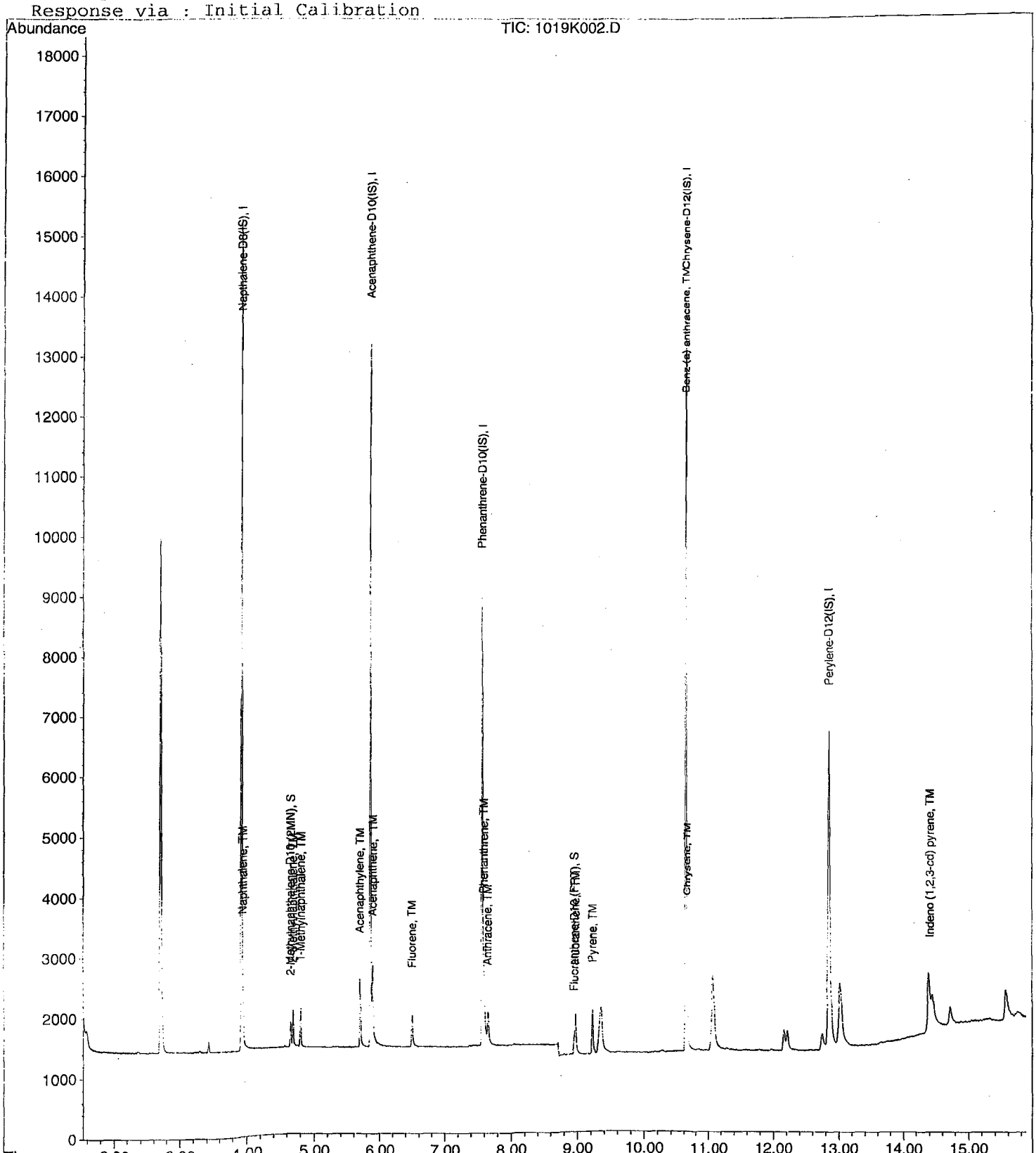
Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K002.D
Acq On : 19 Oct 21 14:09
Sample : 0.1 ug/ml 10/10/21
Misc :

Vial: 2
Operator: LS
Inst : KYLO
Multiplr: 1.00

Quant Time: Oct 19 16:48 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 20 07:46:01 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\KYLO\DATA\211019\1019K003.D Vial: 3
Acq On : 19 Oct 21 14:29 Operator: LS
Sample : 0.2 ug/ml 10/10/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 16:48 2021 Quant Results File: K1019.RES

Quant Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Oct 19 16:47:23 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	3.92	136	11180	2.50000 ppb	0.00
6) Acenaphthene-D10(IS)	5.86	164	5495	2.50000 ppb	0.00
10) Phenanthrene-D10(IS)	7.56	188	8995	2.50000 ppb	0.00
15) Chrysene-D12(IS)	10.63	240	9881	2.50000 ppb	0.01
20) Perylene-D12(IS)	12.84	264	8688	2.50000 ppb	0.01
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.66	152	598	0.10474 ppb	0.00
Spiked Amount 5.000			Recovery =	2.100%	
13) Fluoranthene-D10 (FRT)	8.94	212	711	0.10140 ppb	0.01
Spiked Amount 5.000			Recovery =	2.020%	
Target Compounds					Qvalue
2) Naphthalene	3.94	128	1254	0.21593 ppb	99
4) 2-Methylnaphthalene	4.69	142	698	0.20508 ppb	96
5) 1-Methylnaphthalene	4.80	142	707	0.20582 ppb	98
7) Acenaphthylene	5.69	152	2362	0.20763 ppb	100
8) Acenaphthene	5.89	154	635	0.21074 ppb	99
9) Fluorene	6.49	166	723	0.20706 ppb	100
11) Phenanthrene	7.59	178	1006	0.20323 ppb	100
12) Anthracene	7.65	178	916	0.19592 ppb	99
14) Fluoranthene	8.96	202	1536	0.19974 ppb	97
16) Pyrene	9.21	202	1607	0.21241 ppb	99
17) Benz (a) anthracene	10.62	228	1139	0.20566 ppb	98
18) Chrysene	10.66	228	1322	0.21470 ppb	99
19) Indeno (1,2,3-cd) pyrene	14.40	276	1048	0.41647 ppb #	98
21) Benzo (b) fluoranthene	12.16	252	898	0.06057 ppb	98
22) Benzo (k) fluoranthene	12.21	252	1083	-0.34909 ppb	97
23) Benzo (a) pyrene	12.74	252	850	-0.08634 ppb	97
25) Benzo (g,h,i) perylene	14.71	276	975	-0.13423 ppb	96

(#) = qualifier out of range (m) = manual integration

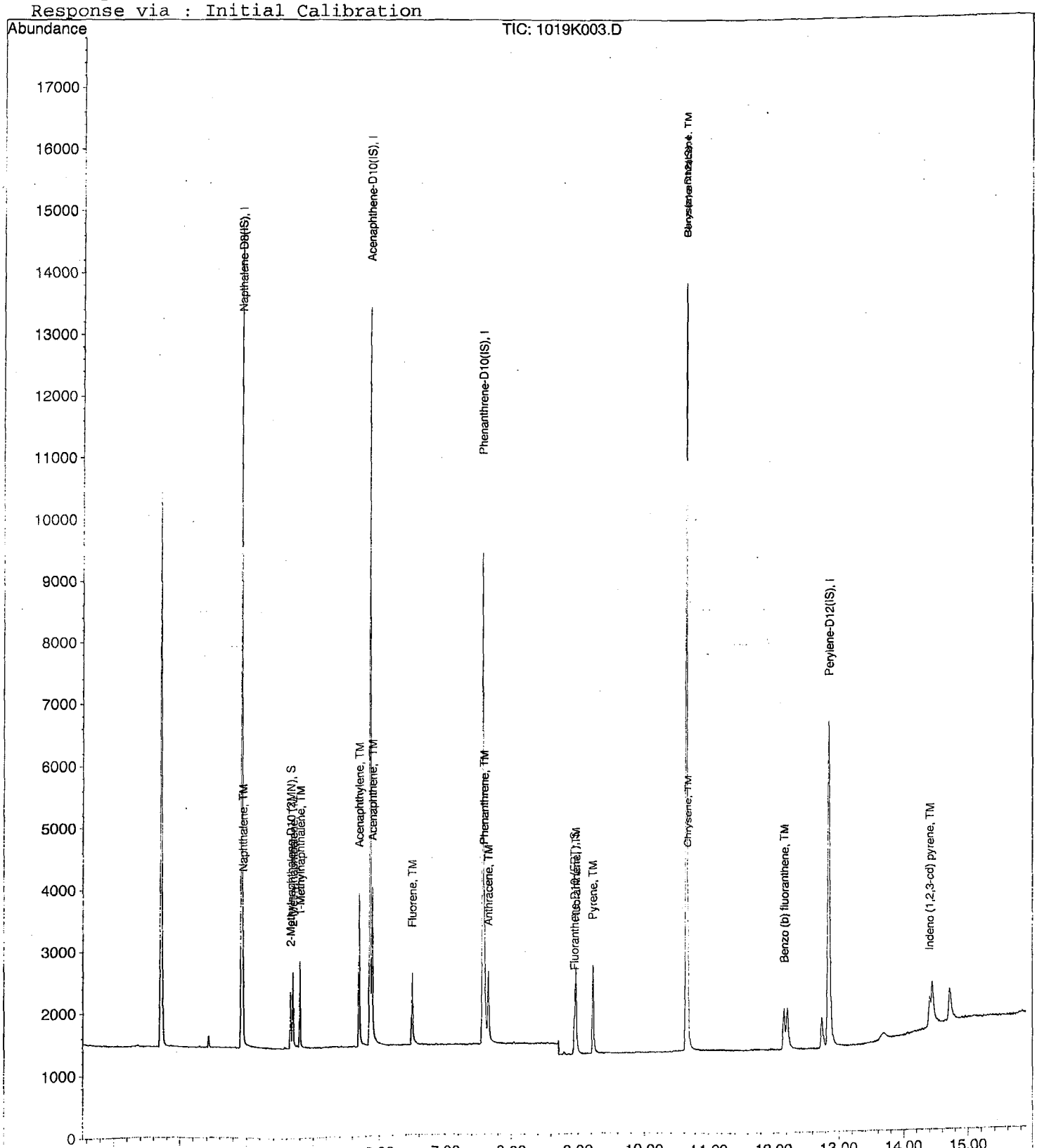
Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K003.D
Acq On : 19 Oct 21 14:29
Sample : 0.2 ug/ml 10/10/21
Misc :

Vial: 3
Operator: LS
Inst : KYLO
Multiplr: 1.00

Quant Time: Oct 19 16:48 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 20 07:46:01 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\KYLO\DATA\211019\1019K004.D Vial: 4
Acq On : 19 Oct 21 14:49 Operator: LS
Sample : 0.5 ug/ml 10/10/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 16:48 2021 Quant Results File: K1019.RES

Quant Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Oct 19 16:47:23 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Napthalene-D8(IS)	3.92	136	11385	2.50000 ppb		0.00
6) Acenaphthene-D10(IS)	5.86	164	5536	2.50000 ppb		0.00
10) Phenanthrene-D10(IS)	7.56	188	8686	2.50000 ppb		0.00
15) Chrysene-D12(IS)	10.62	240	9708	2.50000 ppb		0.00
20) Perylene-D12(IS)	12.84	264	8669	2.50000 ppb		0.00
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.66	152	1507	0.25921 ppb		0.00
Spiked Amount 5.000			Recovery =	5.180%		
13) Fluoranthene-D10 (FRT)	8.94	212	1646	0.24309 ppb		0.00
Spiked Amount 5.000			Recovery =	4.860%		
Target Compounds						Qvalue
2) Naphthalene	3.94	128	3083	0.52131 ppb		99
4) 2-Methylnaphthalene	4.69	142	1766	0.50952 ppb		99
5) 1-Methylnaphthalene	4.80	142	1806	0.51630 ppb		96
7) Acenaphthylene	5.69	152	5894	0.51427 ppb		100
8) Acenaphthene	5.89	154	1552	0.51126 ppb		100
9) Fluorene	6.49	166	1772	0.50373 ppb		99
11) Phenanthrene	7.59	178	2402	0.50250 ppb		99
12) Anthracene	7.65	178	2259	0.50035 ppb		99
14) Fluoranthene	8.96	202	3711	0.49974 ppb		99
16) Pyrene	9.21	202	3805	0.51191 ppb		98
17) Benz (a) anthracene	10.61	228	2678	0.49216 ppb		99
18) Chrysene	10.65	228	3122	0.51607 ppb		99
19) Indeno (1,2,3-cd) pyrene	14.39	276	2640	0.77101 ppb	#	97
21) Benzo (b) fluoranthene	12.15	252	2255	0.32301 ppb		100
23) Benzo (a) pyrene	12.74	252	2122	0.17741 ppb		99
24) Dibenz (a,h) anthracene	14.43	278	2117	0.29983 ppb		99
25) Benzo (g,h,i) perylene	14.70	276	2445	0.16843 ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

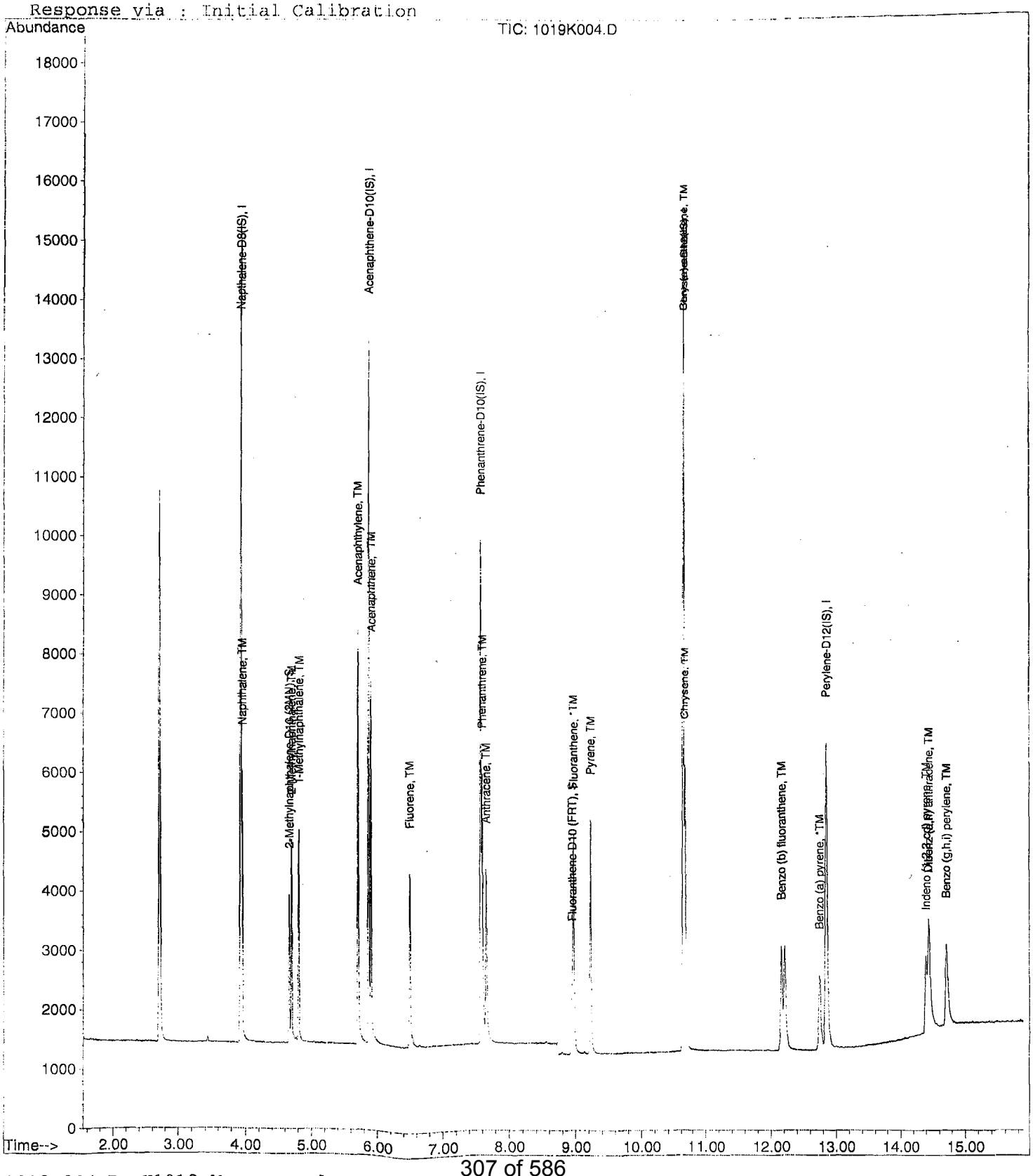
Data File : M:\KYLO\DATA\211019\1019K004.D
Acq On : 19 Oct 21 14:49
Sample : 0.5 ug/ml 10/10/21
Misc :

Vial: 4
Operator: LS
Inst : KYLO
Multiplr: 1.00

Quant Time: Oct 19 16:48 2021

Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 20 07:46:01 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\KYLO\DATA\211019\1019K005.D Vial: 5
Acq On : 19 Oct 21 15:09 Operator: LS
Sample : 1 ug/ml 10/10/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 16:48 2021 Quant Results File: K1019.RES

Quant Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Oct 19 16:47:23 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Napthalene-D8(IS)	3.92	136	11032	2.50000 ppb		0.00
6) Acenaphthene-D10(IS)	5.86	164	5365	2.50000 ppb		0.00
10) Phenanthrene-D10(IS)	7.56	188	8424	2.50000 ppb		0.00
15) Chrysene-D12(IS)	10.63	240	9455	2.50000 ppb		0.01
20) Perylene-D12(IS)	12.84	264	8423	2.50000 ppb		0.01
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.66	152	2880	0.51122 ppb		0.00
Spiked Amount 5.000			Recovery	= 10.220%		
13) Fluoranthene-D10 (FRT)	8.94	212	3208	0.48851 ppb		0.00
Spiked Amount 5.000			Recovery	= 9.780%		
Target Compounds						Qvalue
2) Naphthalene	3.94	128	5894	1.02851 ppb		99
4) 2-Methylnaphthalene	4.69	142	3426	1.02008 ppb		99
5) 1-Methylnaphthalene	4.80	142	3513	1.03643 ppb		98
7) Acenaphthylene	5.70	152	11284	1.01594 ppb		99
8) Acenaphthene	5.89	154	2945	1.00106 ppb		97
9) Fluorene	6.49	166	3412	1.00086 ppb		99
11) Phenanthrene	7.59	178	4641	1.00109 ppb		99
12) Anthracene	7.65	178	4379	1.00008 ppb		100
14) Fluoranthene	8.96	202	7234	1.00447 ppb		100
16) Pyrene	9.21	202	7407	1.02317 ppb		99
17) Benz (a) anthracene	10.61	228	5224	0.98576 ppb		99
18) Chrysene	10.65	228	5954	1.01055 ppb		99
19) Indeno (1,2,3-cd) pyrene	14.39	276	5309	1.38990 ppb	#	90
21) Benzo (b) fluoranthene	12.15	252	4568	0.79546 ppb		99
22) Benzo (k) fluoranthene	12.21	252	5497	0.53419 ppb		98
23) Benzo (a) pyrene	12.74	252	4263	0.64650 ppb		99
24) Dibenz (a,h) anthracene	14.44	278	4288	0.78667 ppb		99
25) Benzo (g,h,i) perylene	14.71	276	4733	0.66726 ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

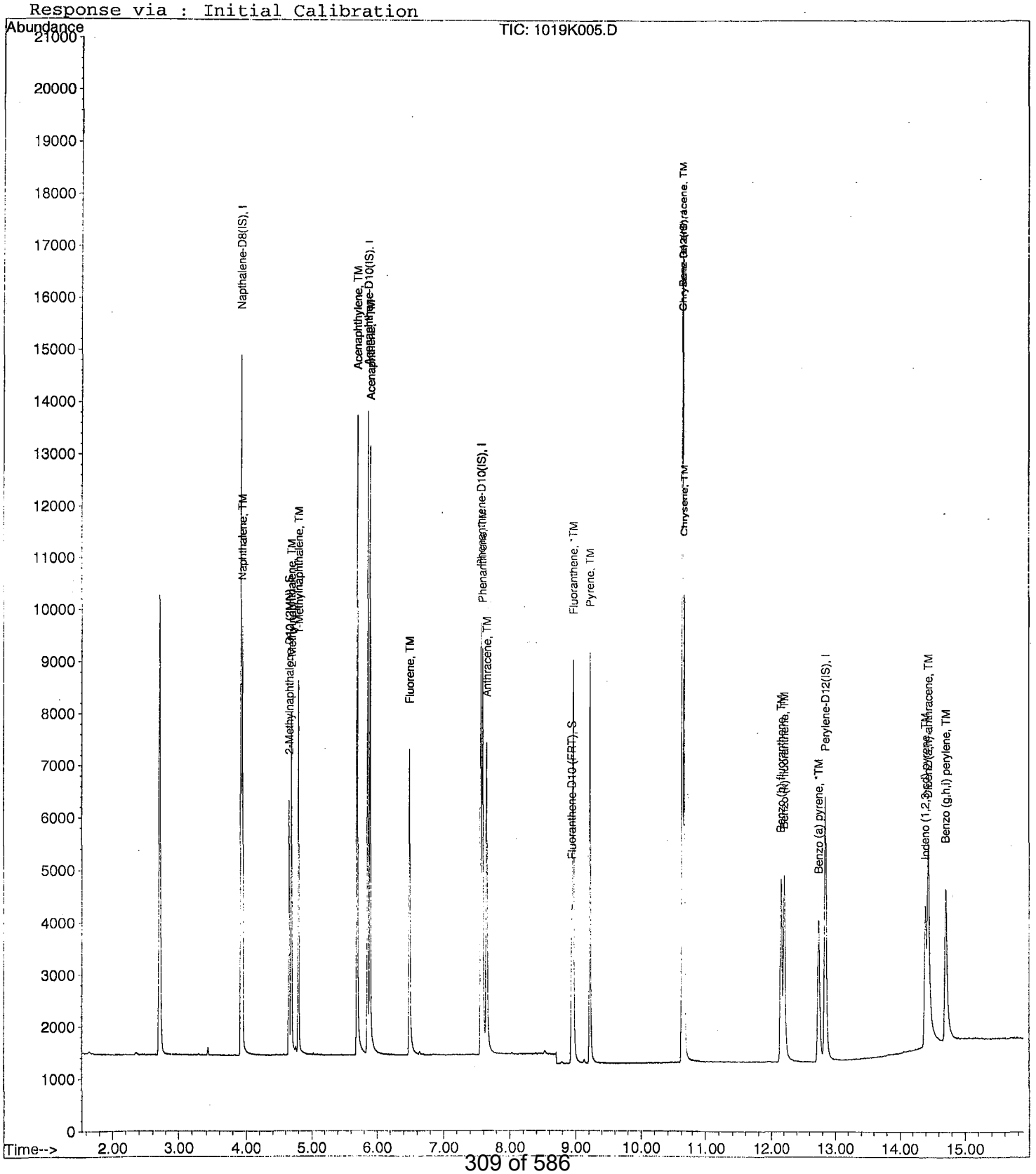
Data File : M:\KYLO\DATA\211019\1019K005.D
Acq On : 19 Oct 21 15:09
Sample : 1 ug/ml 10/10/21
Misc :

Vial: 5
Operator: LS
Inst : KYLO
Multiplr: 1.00

Quant Time: Oct 19 16:48 2021

Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 20 07:46:01 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\KYLO\DATA\211019\1019K006.D Vial: 6
Acq On : 19 Oct 21 15:29 Operator: LS
Sample : 5 ug/ml 10/10/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 16:48 2021 Quant Results File: K1019.RES

Quant Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Oct 19 16:47:23 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	3.92	136	11022	2.50000 ppb	0.00
6) Acenaphthene-D10(IS)	5.86	164	5414	2.50000 ppb	0.00
10) Phenanthrene-D10(IS)	7.56	188	8482	2.50000 ppb	0.00
15) Chrysene-D12(IS)	10.62	240	10015	2.50000 ppb	0.00
20) Perylene-D12(IS)	12.83	264	8704	2.50000 ppb	0.00
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.66	152	14500	2.57619 ppb	0.00
Spiked Amount 5.000			Recovery	= 51.520%	
13) Fluoranthene-D10 (FRT)	8.93	212	17235	2.60659 ppb	0.00
Spiked Amount 5.000			Recovery	= 52.140%	
Target Compounds					Qvalue
2) Naphthalene	3.94	128	28832	5.03578 ppb	100
4) 2-Methylnaphthalene	4.69	142	17384	5.18072 ppb	100
5) 1-Methylnaphthalene	4.80	142	17464	5.15700 ppb	100
7) Acenaphthylene	5.69	152	58890	5.25410 ppb	100
8) Acenaphthene	5.89	154	15136	5.09845 ppb	100
9) Fluorene	6.49	166	17780	5.16829 ppb	100
11) Phenanthrene	7.59	178	23796	5.09785 ppb	100
12) Anthracene	7.64	178	22931	5.20117 ppb	100
14) Fluoranthene	8.95	202	38260	5.27621 ppb	100
16) Pyrene	9.21	202	39012	5.08763 ppb	100
17) Benz (a) anthracene	10.61	228	28070	5.00058 ppb	100
18) Chrysene	10.65	228	31118	4.98620 ppb	100
19) Indeno (1,2,3-cd) pyrene	14.38	276	20323	4.52699 ppb	100
21) Benzo (b) fluoranthene	12.14	252	26309	4.94784 ppb	100
22) Benzo (k) fluoranthene	12.19	252	29066	5.02910 ppb	100
23) Benzo (a) pyrene	12.73	252	25103	4.91484 ppb	100
24) Dibenz (a,h) anthracene	14.42	278	24331	4.98885 ppb	100
25) Benzo (g,h,i) perylene	14.69	276	26049	4.99985 ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

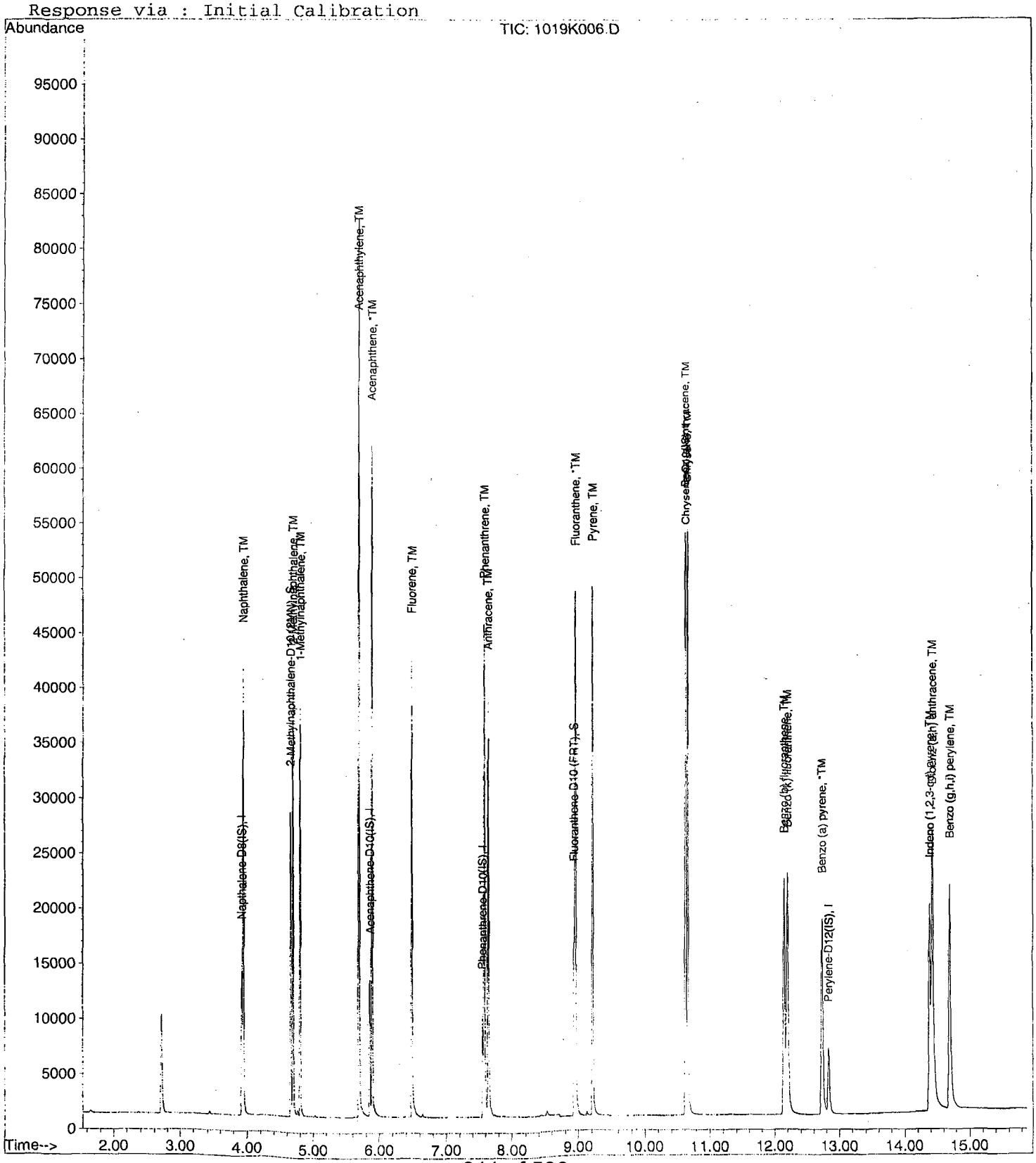
Data File : M:\KYLO\DATA\211019\1019K006.D
Acq On : 19 Oct 21 15:29
Sample : 5 ug/ml 10/10/21
Misc :

Vial: 6
Operator: LS
Inst : KYLO
Multiplr: 1.00

Quant Time: Oct 19 16:48 2021

Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 20 07:46:01 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\KYLO\DATA\211019\1019K007.D Vial: 7
Acq On : 19 Oct 21 15:49 Operator: LS
Sample : 10 ug/ml 10/10/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 16:49 2021 Quant Results File: K1019.RES

Quant Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Oct 19 16:47:23 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Napthalene-D8(IS)	3.92	136	11510	2.50000 ppb		0.00
6) Acenaphthene-D10(IS)	5.86	164	5675	2.50000 ppb		0.00
10) Phenanthrene-D10(IS)	7.56	188	8972	2.50000 ppb		0.00
15) Chrysene-D12(IS)	10.62	240	10664	2.50000 ppb		0.00
20) Perylene-D12(IS)	12.83	264	9232	2.50000 ppb		0.00
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.66	152	26676	4.53854 ppb		0.00
Spiked Amount 5.000			Recovery =	90.780%		
13) Fluoranthene-D10 (FRT)	8.93	212	34413	4.92032 ppb		0.00
Spiked Amount 5.000			Recovery =	98.400%		
Target Compounds						Qvalue
2) Naphthalene	3.94	128	59354	9.92720 ppb		100
4) 2-Methylnaphthalene	4.69	142	35959	10.26203 ppb		100
5) 1-Methylnaphthalene	4.80	142	35938	10.16232 ppb		100
7) Acenaphthylene	5.69	152	122704	10.44402 ppb		100
8) Acenaphthene	5.89	154	31359	10.07724 ppb		99
9) Fluorene	6.49	166	37236	10.32596 ppb		99
11) Phenanthrene	7.59	178	49310	9.98682 ppb		100
12) Anthracene	7.64	178	48395	10.37738 ppb		100
14) Fluoranthene	8.95	202	79898	10.41651 ppb		100
16) Pyrene	9.21	202	82191	10.06635 ppb		100
17) Benz (a) anthracene	10.61	228	60563	10.13248 ppb		100
18) Chrysene	10.65	228	64649	9.72861 ppb		99
19) Indeno (1,2,3-cd) pyrene	14.38	276	44868	9.18248 ppb	#	99
21) Benzo (b) fluoranthene	12.14	252	55900	10.02449 ppb		99
22) Benzo (k) fluoranthene	12.19	252	63873	11.01716 ppb		99
23) Benzo (a) pyrene	12.73	252	54783	10.38939 ppb		99
24) Dibenz (a,h) anthracene	14.42	278	51533	10.11061 ppb		98
25) Benzo (g,h,i) perylene	14.69	276	56013	10.47964 ppb		98

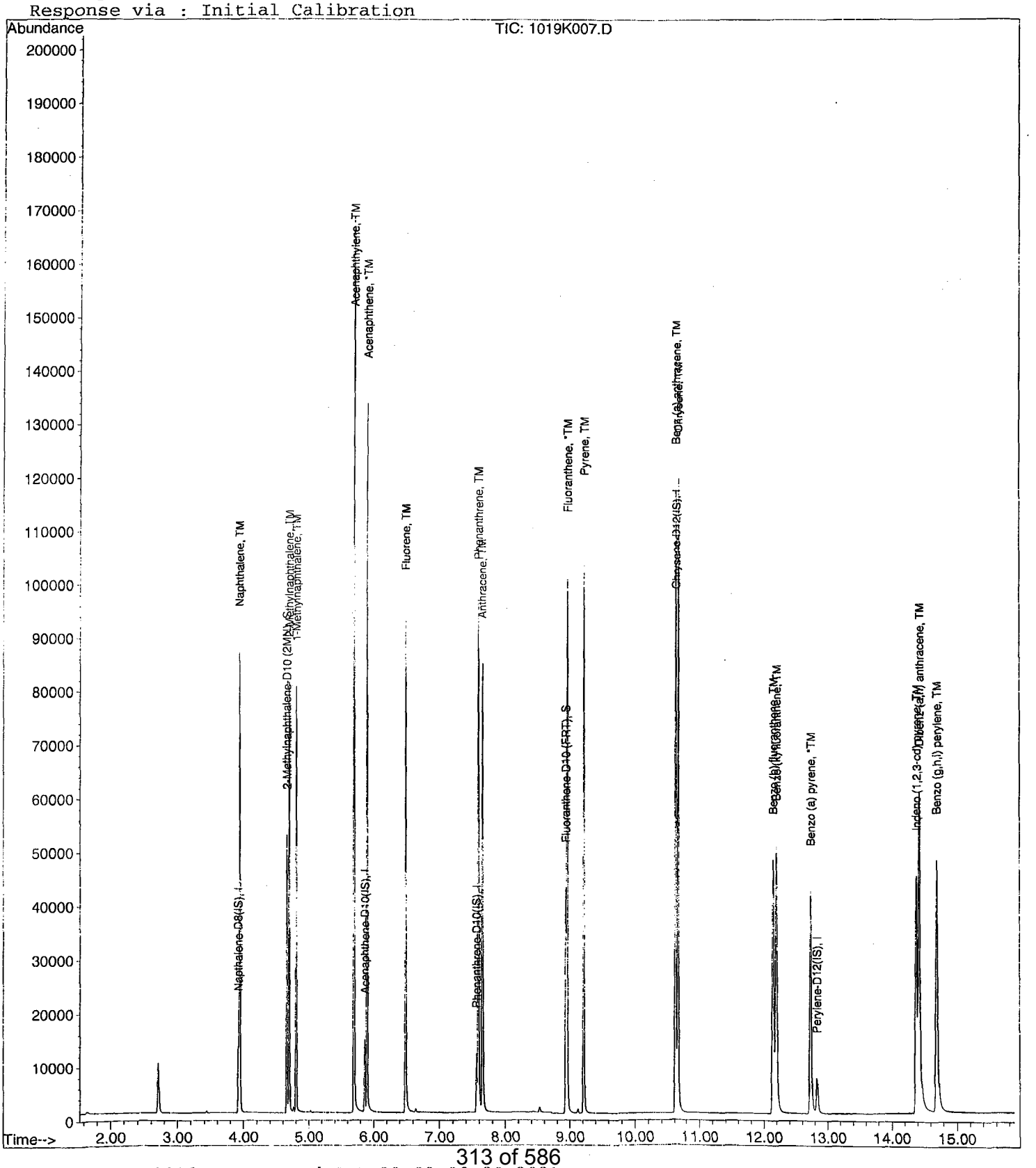
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K007.D Vial: 7
Acq On : 19 Oct 21 15:49 Operator: LS
Sample : 10 ug/ml 10/10/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 16:49 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 20 07:46:01 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\KYLO\DATA\211019\1019K008.D Vial: 8
Acq On : 19 Oct 21 16:09 Operator: LS
Sample : 50 ug/ml 10/10/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 16:49 2021 Quant Results File: K1019.RES

Quant Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Oct 19 16:47:23 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	3.92	136	11542	2.50000 ppb	0.00
6) Acenaphthene-D10(IS)	5.86	164	5767	2.50000 ppb	0.00
10) Phenanthrene-D10(IS)	7.56	188	8902	2.50000 ppb	0.00
15) Chrysene-D12(IS)	10.62	240	10648	2.50000 ppb	0.00
20) Perylene-D12(IS)	12.83	264	9592	2.50000 ppb	0.00
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.66	152	140995	23.92178 ppb	0.00
Spiked Amount 5.000			Recovery = 478.440%		
13) Fluoranthene-D10 (FRT)	8.93	212	173855	25.05302 ppb	0.00
Spiked Amount 5.000			Recovery = 501.060%		
Target Compounds					Qvalue
2) Naphthalene	3.94	128	270597	45.13299 ppb	100
4) 2-Methylnaphthalene	4.69	142	165624	47.13496 ppb	99
5) 1-Methylnaphthalene	4.80	142	164402	46.35966 ppb	99
7) Acenaphthylene	5.70	152	560845	46.97510 ppb	100
8) Acenaphthene	5.89	154	145964	46.15736 ppb	99
9) Fluorene	6.49	166	175391	47.86199 ppb	100
11) Phenanthrene	7.59	178	233010	47.56290 ppb	100
12) Anthracene	7.64	178	228704	49.42683 ppb	100
14) Fluoranthene	8.96	202	371445	48.80706 ppb	99
16) Pyrene	9.21	202	379423	46.53971 ppb	98
17) Benz (a) anthracene	10.61	228	291856	48.90228 ppb	100
18) Chrysene	10.65	228	300277	45.25466 ppb	99
19) Indeno (1,2,3-cd) pyrene	14.38	276	248943	50.15933 ppb	94
21) Benzo (b) fluoranthene	12.15	252	294828	51.34534 ppb	99
22) Benzo (k) fluoranthene	12.20	252	302763	52.24864 ppb	100
23) Benzo (a) pyrene	12.73	252	278840	51.91758 ppb	100
24) Dibenz (a,h) anthracene	14.42	278	268409	51.28254 ppb	97
25) Benzo (g,h,i) perylene	14.70	276	280479	51.78283 ppb	99

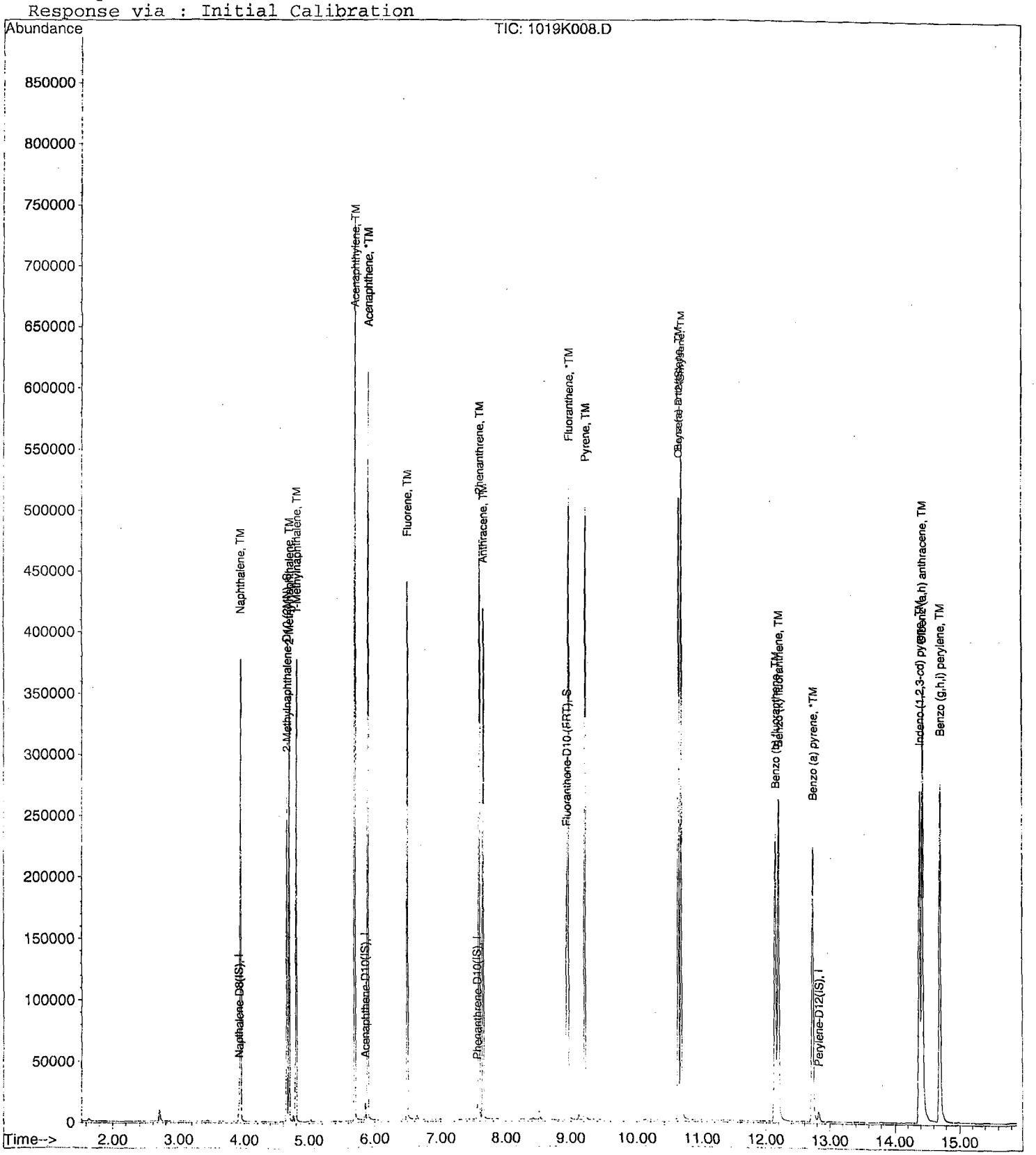
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K008.D Vial: 8
Acq On : 19 Oct 21 16:09 Operator: LS
Sample : 50 ug/ml 10/10/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 16:49 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 20 07:46:01 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\KYLO\DATA\211019\1019K009.D Vial: 9
Acq On : 19 Oct 21 16:29 Operator: LS
Sample : 100 ug/ml 10/10/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 16:49 2021 Quant Results File: K1019.RES

Quant Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Oct 19 16:47:23 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	3.92	136	11679	2.50000 ppb	0.00
6) Acenaphthene-D10(IS)	5.86	164	5877	2.50000 ppb	0.00
10) Phenanthrene-D10(IS)	7.56	188	9024	2.50000 ppb	0.00
15) Chrysene-D12(IS)	10.63	240	10469	2.50000 ppb	0.01
20) Perylene-D12(IS)	12.83	264	9899	2.50000 ppb	0.00
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.66	152	278374	46.67602 ppb	0.00
Spiked Amount 5.000			Recovery = 933.520%		
13) Fluoranthene-D10 (FRT)	8.94	212	341108	48.49012 ppb	0.00
Spiked Amount 5.000			Recovery = 969.800%		
Target Compounds					Qvalue
2) Naphthalene	3.94	128	514066	84.73550 ppb	100
4) 2-Methylnaphthalene	4.70	142	318816	89.66757 ppb	99
5) 1-Methylnaphthalene	4.80	142	317528	88.48927 ppb	98
7) Acenaphthylene	5.70	152	1047512	86.09505 ppb	98
8) Acenaphthene	5.90	154	283708	88.03615 ppb	94
9) Fluorene	6.49	166	342219	91.63932 ppb	99
11) Phenanthrene	7.59	178	452383	91.09374 ppb	99
12) Anthracene	7.65	178	447639	95.43451 ppb	100
14) Fluoranthene	8.96	202	701599	90.94222 ppb	97
16) Pyrene	9.22	202	720167	89.84545 ppb	99
17) Benz (a) anthracene	10.62	228	562838	95.91946 ppb	99
18) Chrysene	10.66	228	575910	88.27926 ppb	98
19) Indeno (1,2,3-cd) pyrene	14.39	276	488982	100.01982 ppb	89
21) Benzo (b) fluoranthene	12.16	252	587997	99.33083 ppb	100
22) Benzo (k) fluoranthene	12.16	252	587786	98.78137 ppb	99
23) Benzo (a) pyrene	12.74	252	547488	99.01252 ppb	98
24) Dibenz (a,h) anthracene	14.43	278	535891	99.35185 ppb	94
25) Benzo (g,h,i) perylene	14.71	276	552068	99.06661 ppb	98

(#) = qualifier out of range (m) = manual integration

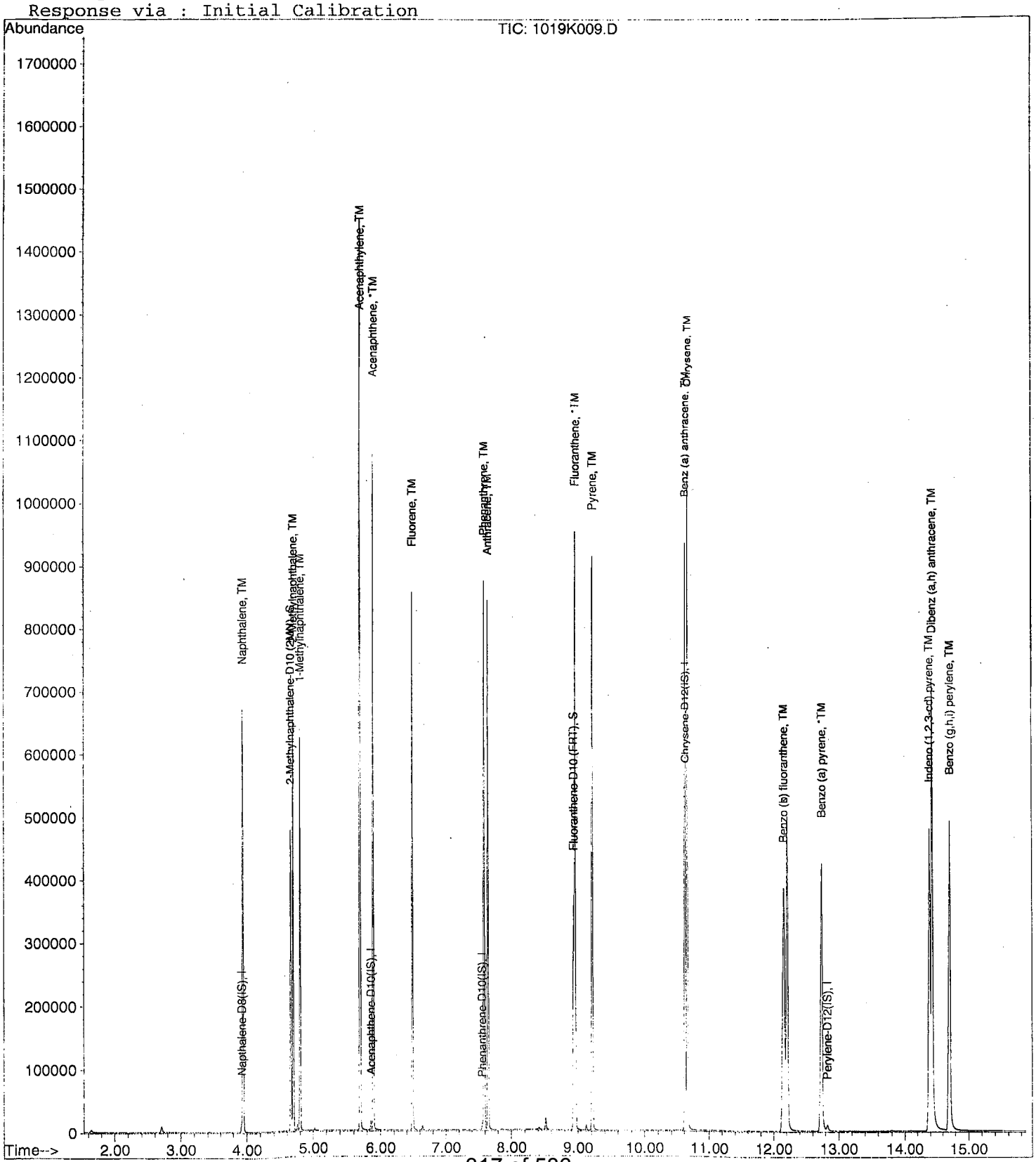
Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K009.D
Acq On : 19 Oct 21 16:29
Sample : 100 ug/ml 10/10/21
Misc :

Vial: 9
Operator: LS
Inst : KYLO
Multiplr: 1.00

Quant Time: Oct 19 16:49 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 20 07:46:01 2021
Response via : Initial Calibration



Form 7

Second Source Calibration

Lab Name: APPL, Inc.
Case No:
Matrix:

SDG No:
Date Analyzed: 10/19/2021
Instrument: KYLO
Initial Cal. Date: 10/19/2021
Data File: 1019K010.D

		Compound	MEAN	CCRF	%D		%Drift
1	TM	Naphthalene	1.299	1.295	0.25	TM	
2	TM	2-Methylnaphthalene	0.7611	0.7635	0.32	TM	
3	TM	1-Methylnaphthalene	0.7681	0.7563	1.5	TM	
4	TM	Acenaphthylene	5.176	5.272	1.9	TM	
5	*TM	Acenaphthene	1.371	1.393	1.6	*TM	
6	TM	Fluorene	1.589	1.616	1.7	TM	
7	TM	Phenanthrene	1.376	1.380	0.31	TM	
8	TM	Anthracene	1.299	1.415	8.9	TM	
9	*TM	Fluoranthene	2.137	2.167	1.4	*TM	
10	TM	Pyrene	1.914	1.918	0.21	TM	
11	TM	Benz (a) anthracene	1.401	1.374	1.9	TM	
12	TM	Chrysene	1.558	1.488	4.5	TM	
13	TML	Indeno (1,2,3-cd) pyrene	1.272	0.9799	23	TML	12
14	TM	Benzo (b) fluoranthene	1.408	1.510	7.3	TM	
15	TM	Benzo (k) fluoranthene	1.610	1.698	5.5	TM	
16	*TM	Benzo (a) pyrene	1.341	1.484	11	*TM	
17	TM	Dibenz (a,h) anthracene	1.326	1.382	4.2	TM	
18	TM	Benzo (g,h,i) perylene	1.443	1.486	3.0	TM	
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
		Average			4.4		

Quantitation Report (Not Reviewed)

Data File : M:\KYLO\DATA\211019\1019K010.D Vial: 10
Acq On : 19 Oct 21 16:49 Operator: LS
Sample : SS ug/ml 10/10/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 17:06 2021 Quant Results File: K1019.RES

Quant Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Oct 19 16:51:19 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	3.92	136	11540	2.50000 ppb	0.00
6) Acenaphthene-D10(IS)	5.86	164	5722	2.50000 ppb	0.00
10) Phenanthrene-D10(IS)	7.56	188	8843	2.50000 ppb	0.00
15) Chrysene-D12(IS)	10.62	240	10394	2.50000 ppb	0.00
20) Perylene-D12(IS)	12.83	264	8800	2.50000 ppb	0.00
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.66	152	1	0.00017 ppb	0.00
Spiked Amount 5.000			Recovery =	0.000%	
13) Fluoranthene-D10 (FRT)	8.93	212	9	0.00131 ppb	0.00
Spiked Amount 5.000			Recovery =	0.020%	
Target Compounds					Qvalue
2) Naphthalene	3.94	128	29897	4.98740 ppb	100
4) 2-Methylnaphthalene	4.69	142	17622	5.01592 ppb	100
5) 1-Methylnaphthalene	4.80	142	17455	4.92298 ppb	100
7) Acenaphthylene	5.69	152	60338	5.09352 ppb	100
8) Acenaphthene	5.89	154	15936	5.07898 ppb	100
9) Fluorene	6.49	166	18488	5.08482 ppb	100
11) Phenanthrene	7.59	178	24407	5.01529 ppb	100
12) Anthracene	7.64	178	25019	5.44311 ppb	100
14) Fluoranthene	8.95	202	38328	5.06982 ppb	99
16) Pyrene	9.21	202	39873	5.01031 ppb	100
17) Benz (a) anthracene	10.61	228	28567	4.90355 ppb	99
18) Chrysene	10.65	228	30939	4.77675 ppb	100
19) Indeno (1,2,3-cd) pyrene	14.38	276	20371	4.37871 ppb	99
21) Benzo (b) fluoranthene	12.14	252	26577	5.36265 ppb	100
22) Benzo (k) fluoranthene	12.19	252	29888	5.27373 ppb	100
23) Benzo (a) pyrene	12.73	252	26127	5.53492 ppb	100
24) Dibenz (a,h) anthracene	14.42	278	24324	5.21145 ppb	99
25) Benzo (g,h,i) perylene	14.69	276	26159	5.14999 ppb	100

(#) = qualifier out of range (m) = manual integration

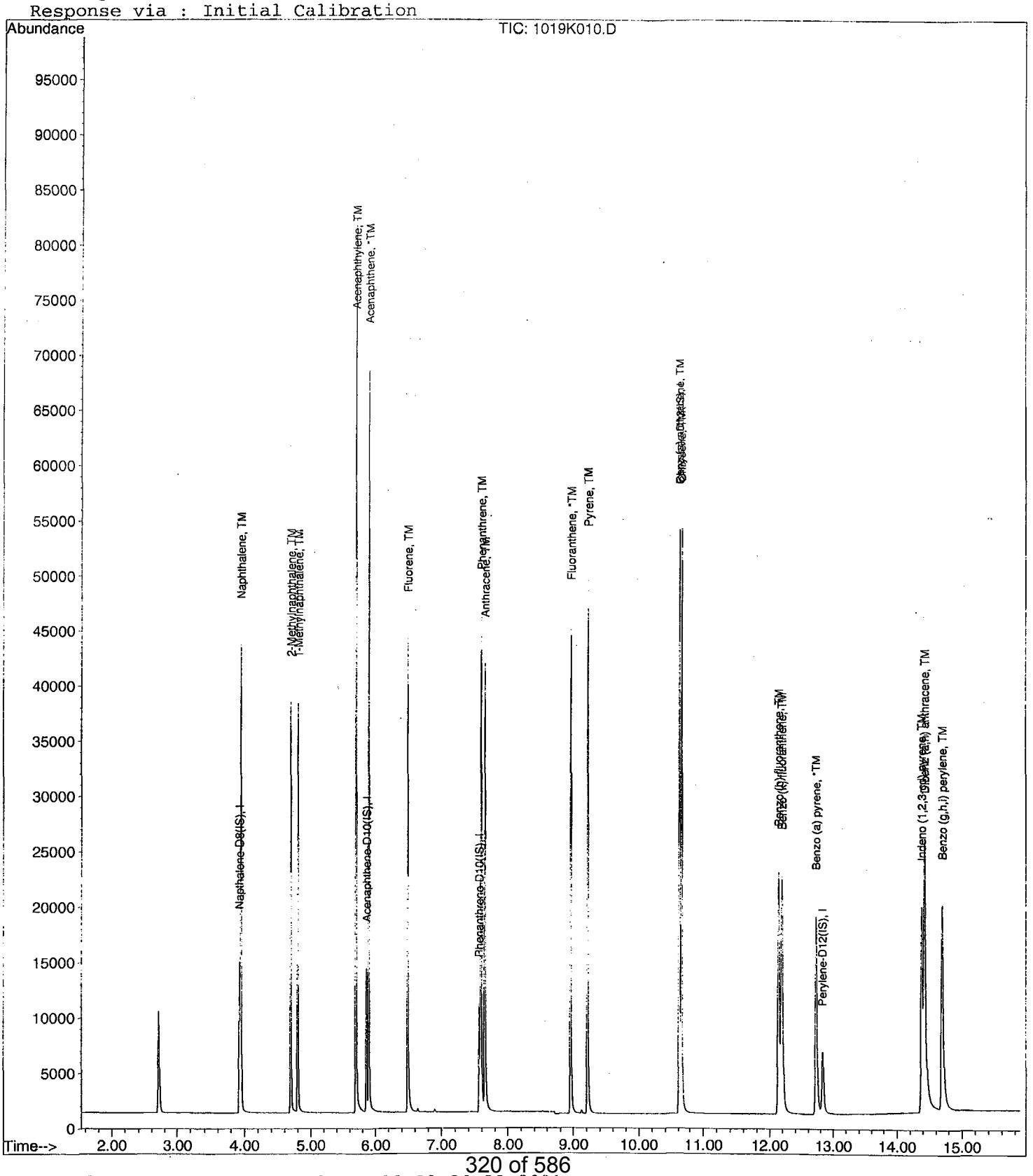
Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K010.D
Acq On : 19 Oct 21 16:49
Sample : SS ug/ml 10/10/21
Misc :

Vial: 10
Operator: LS
Inst : KYLO
Multiplr: 1.00

Quant Time: Oct 19 17:06 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 20 07:46:01 2021
Response via : Initial Calibration



PAH by GCMS SIM
EPA 8270 SIM

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix:

SDG No:
Date Analyzed: 10/27/2021
Instrument: KYLO
Initial Cal. Date: 10/19/2021
Data File: 1019K131.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Napthalene-D8(IS)	ISTD			I	
2	TM	Naphthalene	1.299	1.333	2.7	TM	
3	S	2-Methylnaphthalene-D10 (2MN)	1.277	1.306	2.3	S	
4	TM	2-Methylnaphthalene	0.7611	0.8137	6.9	TM	
5	TM	1-Methylnaphthalene	0.7681	0.8131	5.9	TM	
6	I	Acenaphthene-D10(IS)	ISTD			I	
7	TM	Acenaphthylene	5.176	5.494	6.1	TM	
8	*TM	Acenaphthene	1.371	1.423	3.8	*TM	
9	TM	Fluorene	1.589	1.669	5.0	TM	
10	I	Phenanthrene-D10(IS)	ISTD			I	
11	TM	Phenanthrene	1.376	1.455	5.8	TM	
12	TM	Anthracene	1.299	1.362	4.8	TM	
13	S	Fluoranthene-D10 (FRT)	1.949	1.965	0.82	S	
14	*TM	Fluoranthene	2.137	2.347	9.8	*TM	
15	I	Chrysene-D12(IS)	ISTD			I	
16	TM	Pyrene	1.914	2.036	6.4	TM	
17	TM	Benz (a) anthracene	1.401	1.468	4.7	TM	
18	TM	Chrysene	1.558	1.545	0.83	TM	
19	TML	Indeno (1,2,3-cd) pyrene	1.272	1.105	13	TML	1.7
20	I	Perylene-D12(IS)	ISTD			I	
21	TM	Benzo (b) fluoranthene	1.408	1.571	12	TM	
22	TM	Benzo (k) fluoranthene	1.610	1.681	4.4	TM	
23	*TM	Benzo (a) pyrene	1.341	1.426	6.3	*TM	
24	TM	Dibenz (a,h) anthracene	1.326	1.407	6.1	TM	
25	TM	Benzo (g,h,i) perylene	1.443	1.515	5.0	TM	
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
		Average			5.6		

Quantitation Report (Not Reviewed)

Data File : M:\KYLO\DATA\211019\1019K131.D Vial: 131
Acq On : 27 Oct 21 9:29 Operator: LS
Sample : 5 ug/ml 10/19/21 (1) Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 27 9:52 2021 Quant Results File: K1019.RES

Quant Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 20 07:46:01 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	3.89	136	13145	2.50000 ppb	-0.03
6) Acenaphthene-D10(IS)	5.82	164	6478	2.50000 ppb	-0.03
10) Phenanthrene-D10(IS)	7.52	188	9986	2.50000 ppb	-0.03
15) Chrysene-D12(IS)	10.58	240	11937	2.50000 ppb	-0.04
20) Perylene-D12(IS)	12.76	264	10340	2.50000 ppb	-0.07
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.63	152	17172	2.55818 ppb	-0.03
Spiked Amount 5.000			Recovery =	51.160%	
13) Fluoranthene-D10 (FRT)	8.90	212	19621	2.52052 ppb	-0.04
Spiked Amount 5.000			Recovery =	50.420%	
Target Compounds					Qvalue
2) Naphthalene	3.91	128	35052	5.13339 ppb	100
4) 2-Methylnaphthalene	4.66	142	21393	5.34579 ppb	98
5) 1-Methylnaphthalene	4.77	142	21376	5.29273 ppb	99
7) Acenaphthylene	5.66	152	71176	5.30722 ppb	99
8) Acenaphthene	5.86	154	18440	5.19117 ppb	98
9) Fluorene	6.45	166	21620	5.25228 ppb	99
11) Phenanthrene	7.55	178	29068	5.28938 ppb	99
12) Anthracene	7.61	178	27205	5.24124 ppb	100
14) Fluoranthene	8.92	202	46865	5.48950 ppb	99
16) Pyrene	9.17	202	48612	5.31883 ppb	98
17) Benz (a) anthracene	10.57	228	35041	5.23733 ppb	99
18) Chrysene	10.61	228	36883	4.95839 ppb	99
19) Indeno (1,2,3-cd) pyrene	14.32	276	26387	4.91442 ppb	97
21) Benzo (b) fluoranthene	12.08	252	32483	5.57817 ppb	100
22) Benzo (k) fluoranthene	12.12	252	34764	5.22051 ppb	99
23) Benzo (a) pyrene	12.65	252	29483	5.31564 ppb	100
24) Dibenz (a,h) anthracene	14.36	278	29098	5.30578 ppb	99
25) Benzo (g,h,i) perylene	14.63	276	31333	5.24988 ppb	97

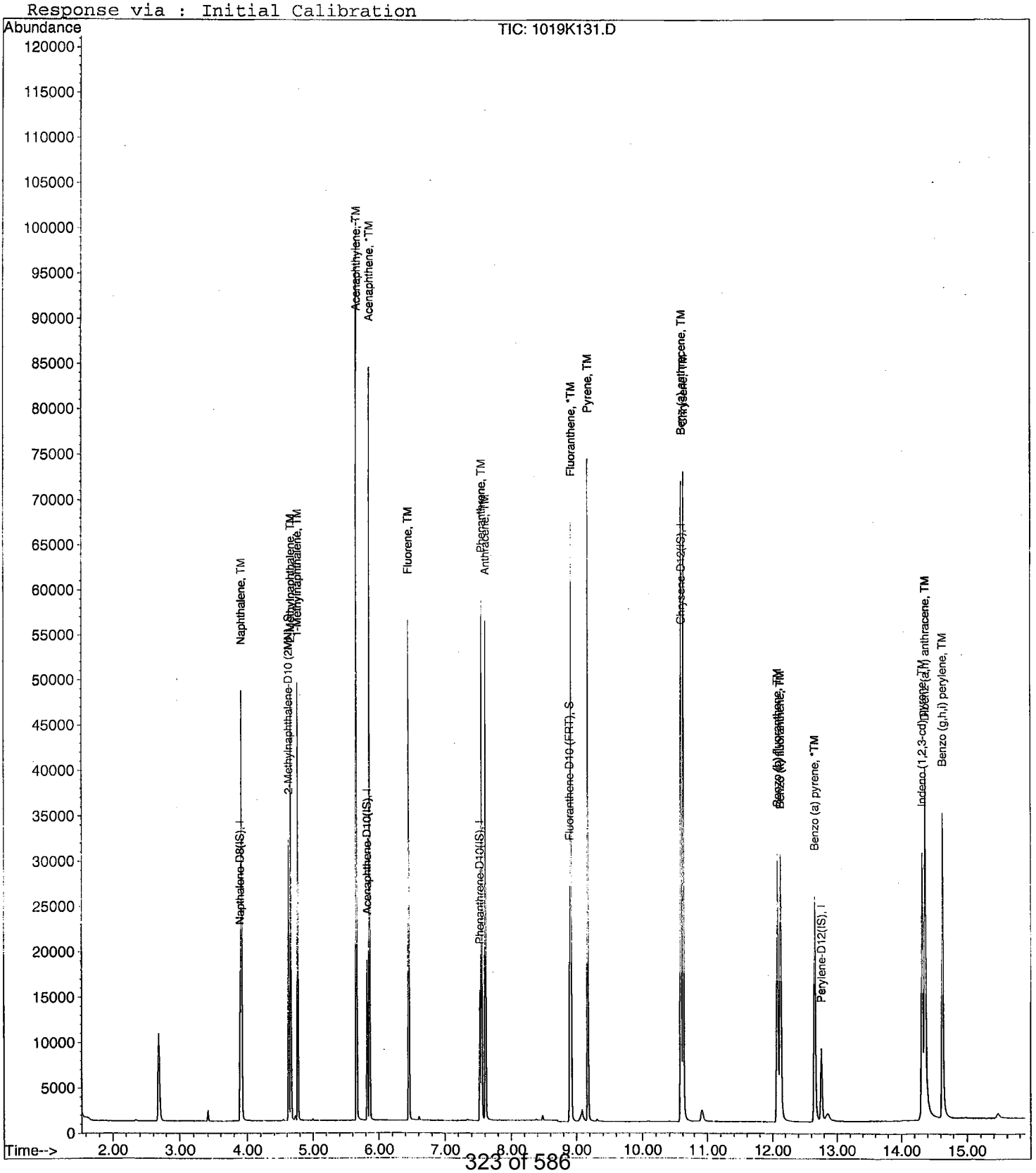
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K131.D Vial: 131
Acq On : 27 Oct 21 9:29 Operator: LS
Sample : 5 ug/ml 10/19/21 (1) Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 27 9:52 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 20 07:46:01 2021
Response via : Initial Calibration



PAH by GCMS SIM
EPA 8270 SIM

Form 7

Ending Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix:

SDG No:
Date Analyzed: 10/27/2021
Instrument: KYLO
Initial Cal. Date: 10/19/2021
Data File: 1019K163.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Napthalene-D8(IS)	ISTD			I	
2	TM	Naphthalene	1.299	1.307	0.63	TM	
3	S	2-Methylnaphthalene-D10 (2MN)	1.277	1.298	1.7	S	
4	TM	2-Methylnaphthalene	0.7611	0.8048	5.7	TM	
5	TM	1-Methylnaphthalene	0.7681	0.7962	3.7	TM	
6	I	Acenaphthene-D10(IS)	ISTD			I	
7	TM	Acenaphthylene	5.176	5.432	5.0	TM	
8	*TM	Acenaphthene	1.371	1.432	4.4	*TM	
9	TM	Fluorene	1.589	1.701	7.0	TM	
10	I	Phenanthrene-D10(IS)	ISTD			I	
11	TM	Phenanthrene	1.376	1.456	5.8	TM	
12	TM	Anthracene	1.299	1.335	2.8	TM	
13	S	Fluoranthene-D10 (FRT)	1.949	2.045	4.9	S	
14	*TM	Fluoranthene	2.137	2.302	7.7	*TM	
15	I	Chrysene-D12(IS)	ISTD			I	
16	TM	Pyrene	1.914	1.958	2.3	TM	
17	TM	Benz (a) anthracene	1.401	1.437	2.6	TM	
18	TM	Chrysene	1.558	1.538	1.3	TM	
19	TML	Indeno (1,2,3-cd) pyrene	1.272	1.034	19	TML	7.8
20	I	Perylene-D12(IS)	ISTD			I	
21	TM	Benzo (b) fluoranthene	1.408	1.512	7.4	TM	
22	TM	Benzo (k) fluoranthene	1.610	1.687	4.8	TM	
23	*TM	Benzo (a) pyrene	1.341	1.408	5.0	*TM	
24	TM	Dibenz (a,h) anthracene	1.326	1.322	0.33	TM	
25	TM	Benzo (g,h,i) perylene	1.443	1.459	1.1	TM	
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
		Average			4.7		

Quantitation Report (Not Reviewed)

Data File : M:\KYLO\DATA\211019\1019K163.D Vial: 13
Acq On : 27 Oct 21 20:18 Operator: LS
Sample : 5 ug/ml 10/10/21 (2) Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 28 7:26 2021 Quant Results File: K1019.RES

Quant Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 27 10:57:36 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Napthalene-D8(IS)	3.90	136	16326	2.50000 ppb		0.00
6) Acenaphthene-D10(IS)	5.82	164	8159	2.50000 ppb		-0.03
10) Phenanthrene-D10(IS)	7.52	188	12835	2.50000 ppb		-0.03
15) Chrysene-D12(IS)	10.57	240	15440	2.50000 ppb		-0.04
20) Perylene-D12(IS)	12.76	264	13434	2.50000 ppb		-0.07
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.63	152	21197	2.54253 ppb		-0.03
Spiked Amount 5.000			Recovery = 50.860%			
13) Fluoranthene-D10 (FRT)	8.90	212	26247	2.62328 ppb		-0.04
Spiked Amount 5.000			Recovery = 52.460%			
Target Compounds						Qvalue
2) Naphthalene	3.91	128	42669	5.03135 ppb		100
4) 2-Methylnaphthalene	4.66	142	26278	5.28705 ppb		99
5) 1-Methylnaphthalene	4.77	142	25998	5.18292 ppb		99
7) Acenaphthylene	5.66	152	88640	5.24768 ppb		99
8) Acenaphthene	5.86	154	23361	5.22155 ppb		97
9) Fluorene	6.45	166	27749	5.35234 ppb		99
11) Phenanthrene	7.55	178	37370	5.29064 ppb		99
12) Anthracene	7.61	178	34278	5.13802 ppb		99
14) Fluoranthene	8.92	202	59084	5.38455 ppb		99
16) Pyrene	9.17	202	60473	5.11543 ppb		98
17) Benz (a) anthracene	10.56	228	44376	5.12778 ppb		100
18) Chrysene	10.61	228	47504	4.93733 ppb		99
19) Indeno (1,2,3-cd) pyrene	14.31	276	31920	4.60843 ppb	#	92
21) Benzo (b) fluoranthene	12.08	252	40614	5.36817 ppb		99
22) Benzo (k) fluoranthene	12.12	252	45331	5.23954 ppb		99
23) Benzo (a) pyrene	12.66	252	37839	5.25096 ppb		99
24) Dibenz (a,h) anthracene	14.36	278	35508	4.98342 ppb		100
25) Benzo (g,h,i) perylene	14.63	276	39211	5.05674 ppb		99

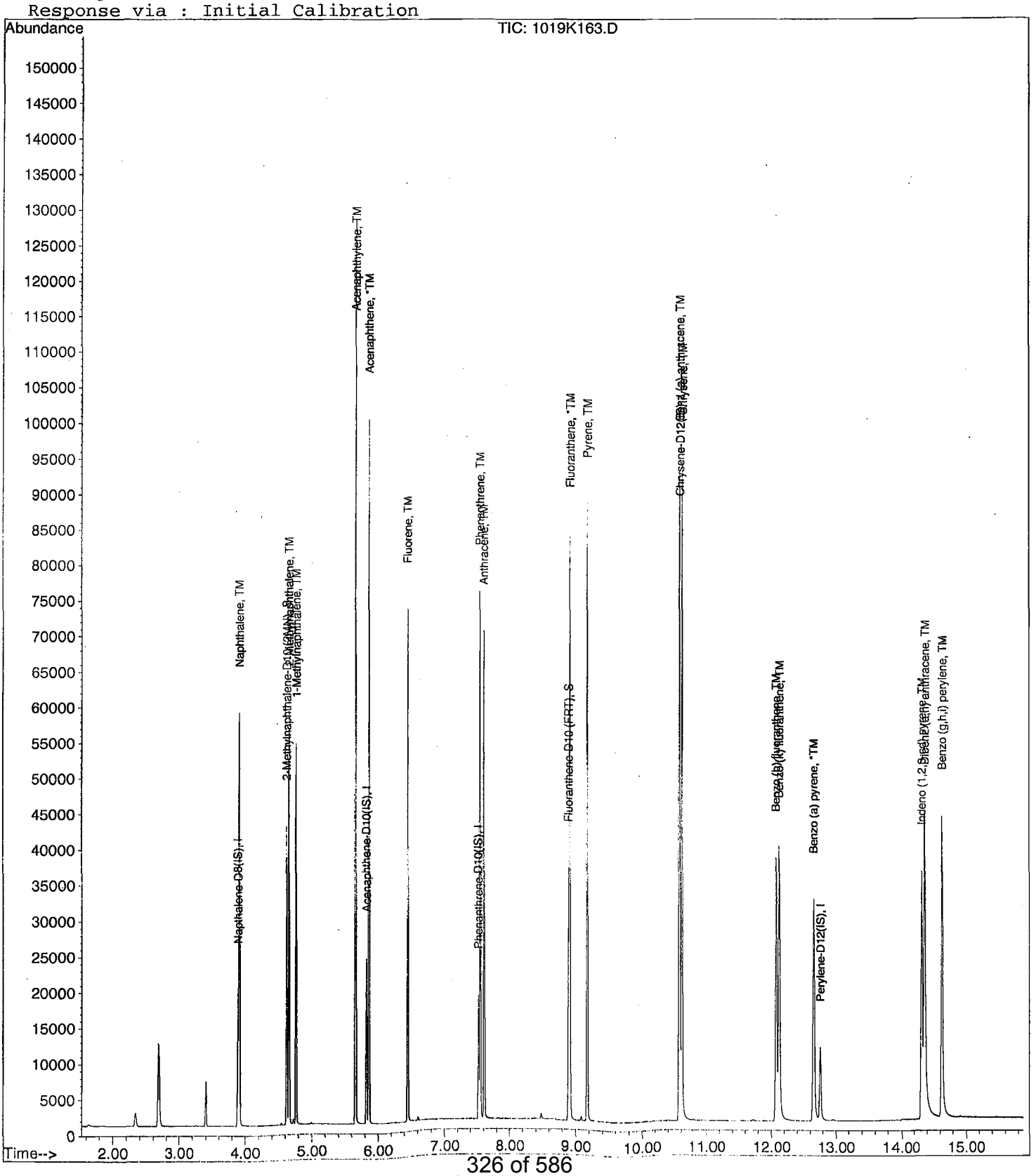
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K163.D Vial: 13
Acq On : 27 Oct 21 20:18 Operator: LS
Sample : 5 ug/ml 10/10/21 (2) Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 28 7:26 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 27 10:57:36 2021
Response via : Initial Calibration



ORGANICS
Raw Data

Quantitation Report (QT Reviewed)

Data File : M:\KYLO\DATA\211019\1019K136.D Vial: 136
Acq On : 27 Oct 21 11:19 Operator: LS
Sample : BA42512W07 1/940 Inst : KYLO
Misc : Multiplr: 1.06

Quant Time: Oct 28 16:39 2021 Quant Results File: K1019.RES

Quant Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 27 10:57:36 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	3.89	136	15723	2.50000 ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	8153	2.50000 ppb	-0.03
10) Phenanthrene-D10(IS)	7.52	188	13630	2.50000 ppb	-0.03
15) Chrysene-D12(IS)	10.57	240	16815	2.50000 ppb	-0.04
20) Perylene-D12(IS)	12.75	264	15767	2.50000 ppb	-0.08
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.63	152	31413	4.16214 ppb	-0.03
Spiked Amount 5.319			Recovery =	78.246%	
13) Fluoranthene-D10 (FRT)	8.90	212	23370	2.33989 ppb	-0.04
Spiked Amount 5.319			Recovery =	43.992%	
Target Compounds					Qvalue

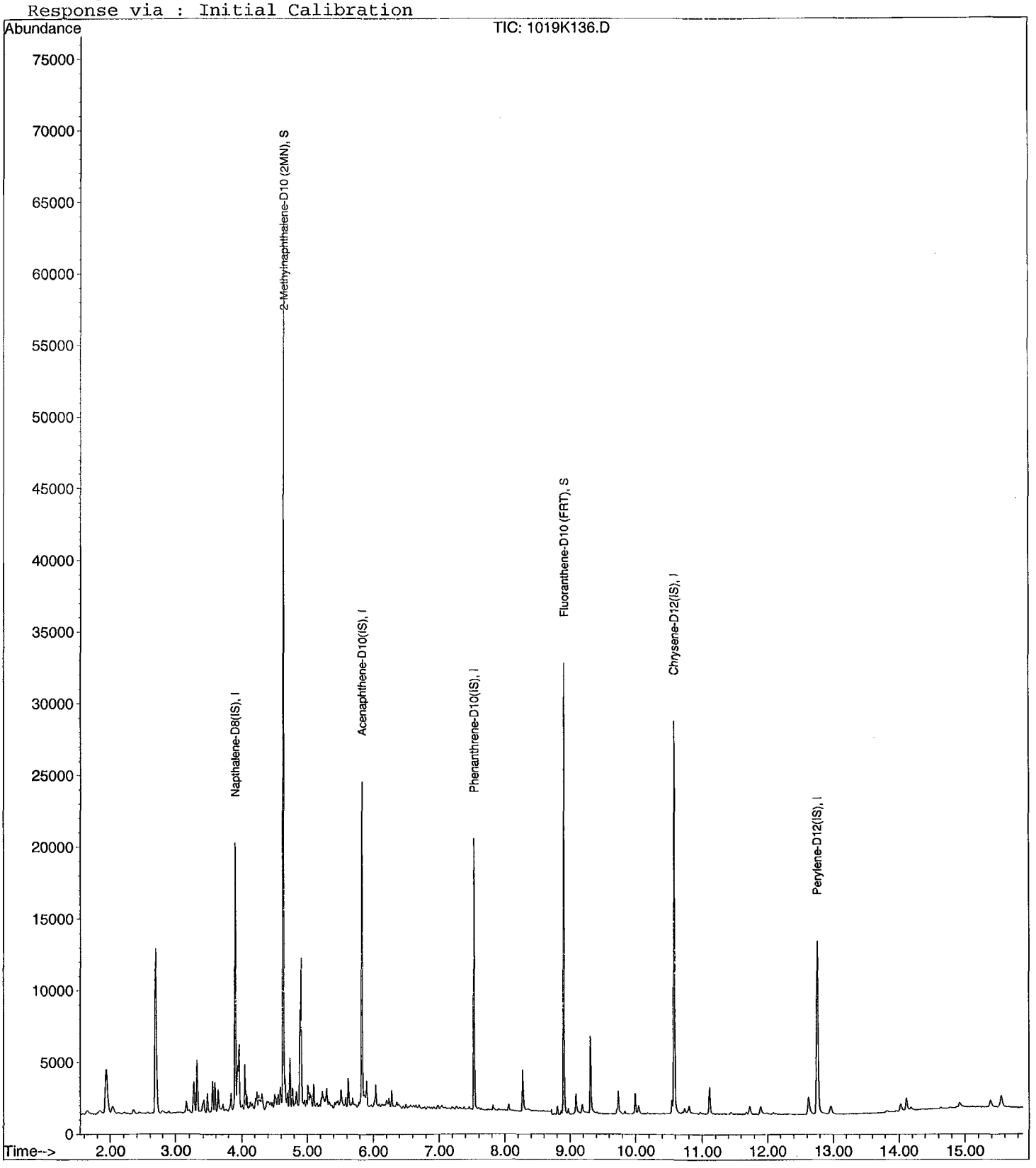
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K136.D Vial: 136
Acq On : 27 Oct 21 11:19 Operator: LS
Sample : BA42512W07 1/940 Inst : KYLO
Misc : Multiplr: 1.06

Quant Time: Oct 28 16:39 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 27 10:57:36 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\KYLO\DATA\211019\1019K137.D Vial: 137
Acq On : 27 Oct 21 11:39 Operator: LS
Sample : BA42514W07 1/940 Inst : KYLO
Misc : Multiplr: 1.06

Quant Time: Oct 28 16:39 2021 Quant Results File: K1019.RES

Quant Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 27 10:57:36 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	3.90	136	16739	2.50000 ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	8842	2.50000 ppb	-0.03
10) Phenanthrene-D10(IS)	7.52	188	14306	2.50000 ppb	-0.03
15) Chrysene-D12(IS)	10.57	240	17098	2.50000 ppb	-0.04
20) Perylene-D12(IS)	12.75	264	15705	2.50000 ppb	-0.08
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.63	152	33107	4.12034 ppb	-0.03
Spiked Amount 5.319			Recovery	= 77.456%	
13) Fluoranthene-D10 (FRT)	8.90	212	29251	2.79033 ppb	-0.04
Spiked Amount 5.319			Recovery	= 52.452%	
Target Compounds					Qvalue
2) Naphthalene	3.92	128	420247	51.41614 ppb	99
4) 2-Methylnaphthalene	4.66	142	124567	26.00439 ppb	99
5) 1-Methylnaphthalene	4.77	142	121367	25.10485 ppb	100

(#) = qualifier out of range (m) = manual integration

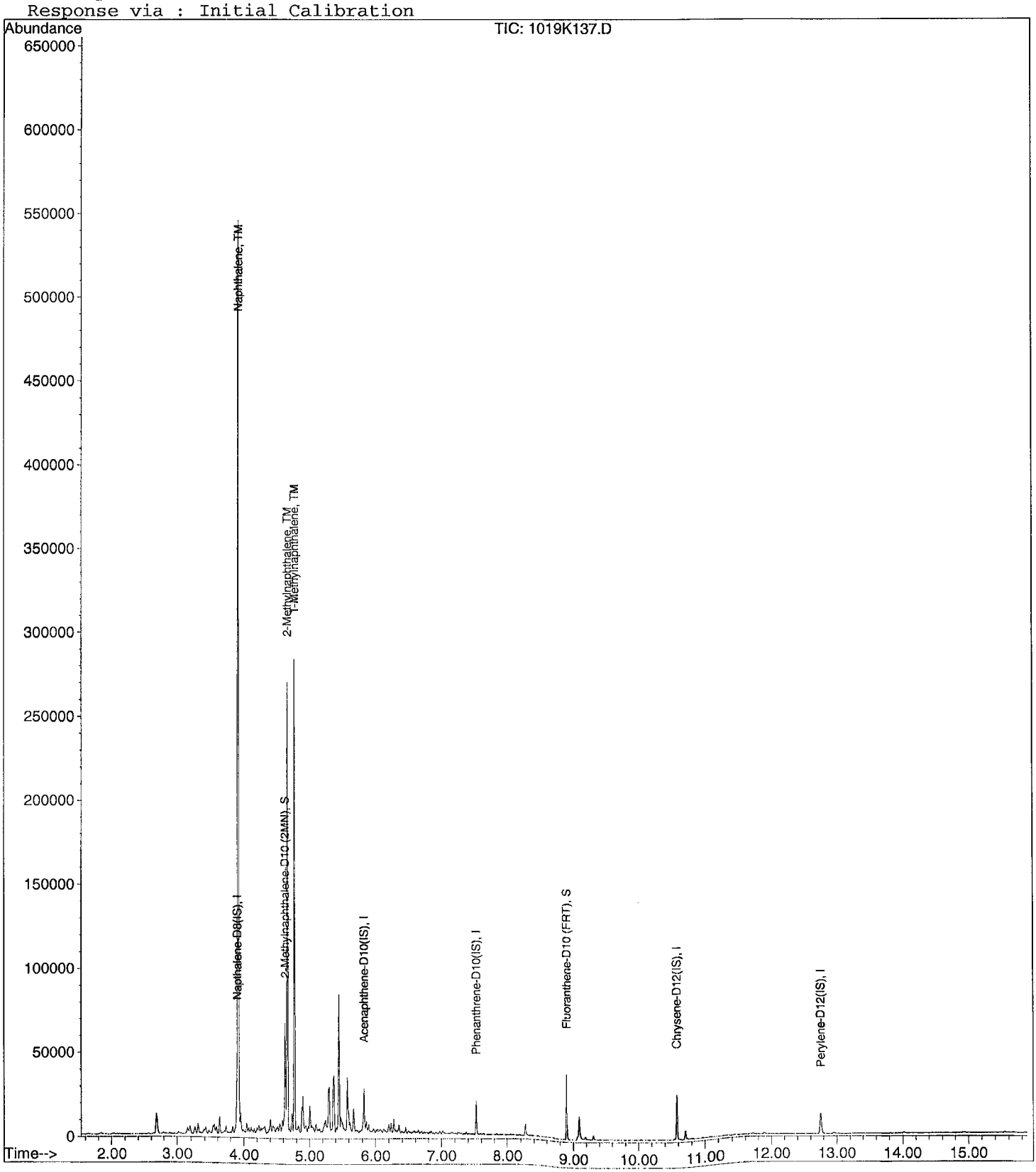
Data File : M:\KYLO\DATA\211019\1019K137.D
Acq On : 27 Oct 21 11:39
Sample : BA42514W07 1/940
Misc :

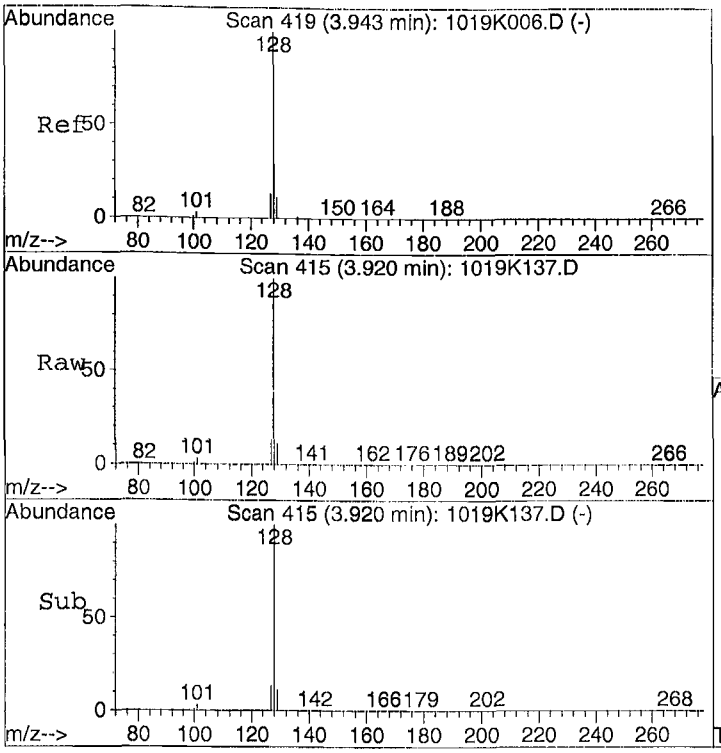
Vial: 137
Operator: LS
Inst : KYLO
Multiplr: 1.06

Quant Time: Oct 28 16:39 2021

Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 27 10:57:36 2021
Response via : Initial Calibration

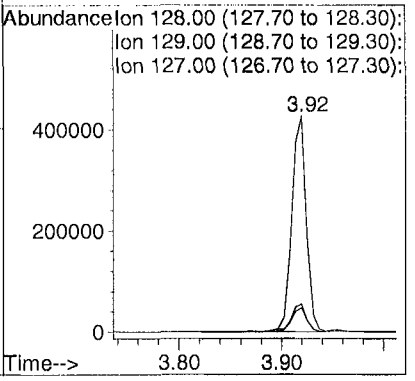


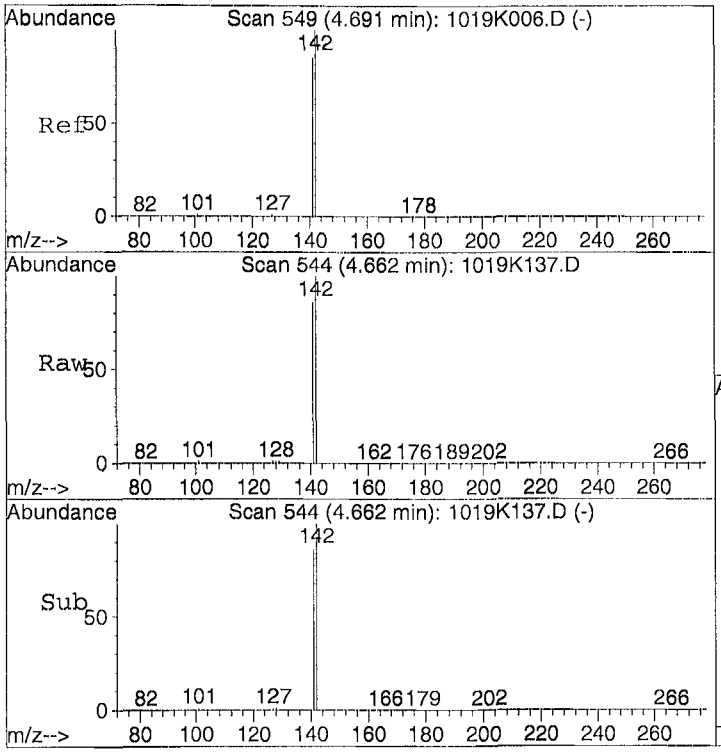


#2
Naphthalene
Concen: 51.41614 ppb
RT: 3.92 min Scan# 415
Delta R.T. -0.02 min
Lab File: 1019K137.D
Acq: 27 Oct 21 11:39

Tgt Ion:128 Resp: 420247

Ion	Ratio	Lower	Upper
128	100		
129	11.2	7.5	13.9
127	12.9	9.0	16.8

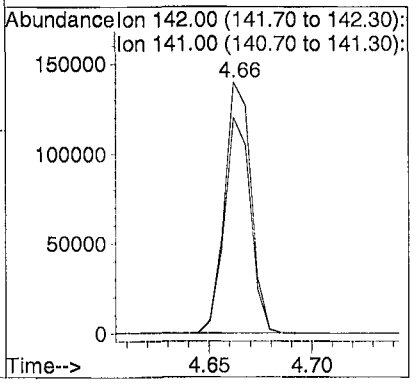


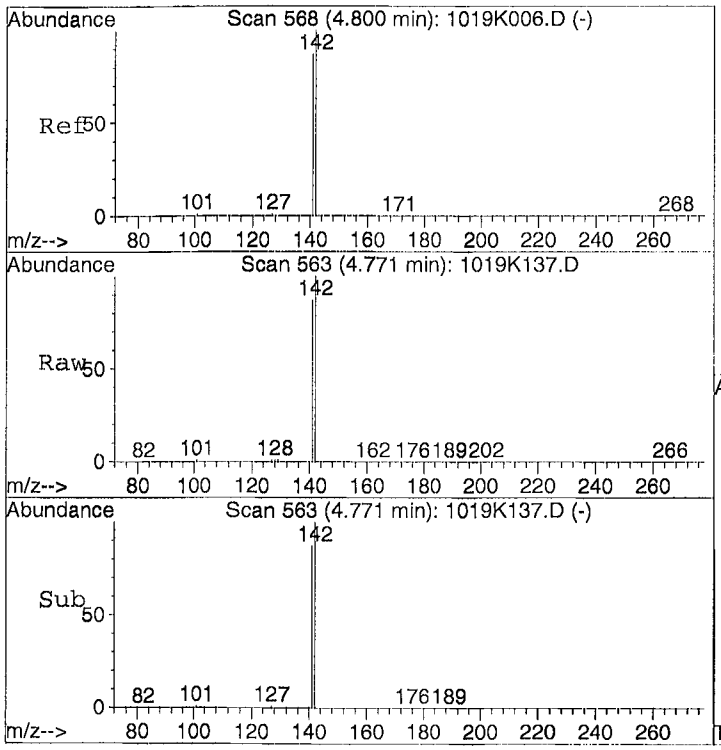


#4
2-Methylnaphthalene
Concen: 26.00439 ppb
RT: 4.66 min Scan# 544
Delta R.T. -0.03 min
Lab File: 1019K137.D
Acq: 27 Oct 21 11:39

Tgt Ion:142 Resp: 124567

Ion	Ratio	Lower	Upper
142	100		
141	85.9	59.8	111.0

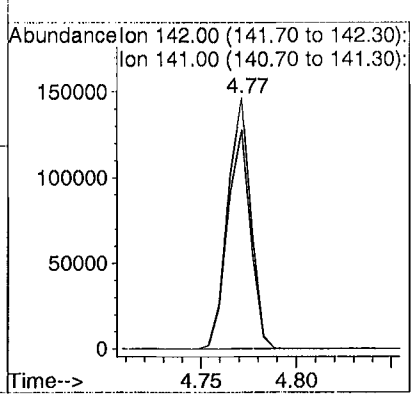




#5
1-Methylnaphthalene
Concen: 25.10485 ppb
RT: 4.77 min Scan# 563
Delta R.T. -0.03 min
Lab File: 1019K137.D
Acq: 27 Oct 21 11:39

Tgt Ion:142 Resp: 121367

Ion	Ratio	Lower	Upper
142	100		
141	87.2	61.1	113.5



Quantitation Report (QT Reviewed)

Data File : M:\KYLO\DATA\211019\1019K138.D Vial: 138
Acq On : 27 Oct 21 11:59 Operator: LS
Sample : BA42516W07 1/940 Inst : KYLO
Misc : Multiplr: 1.06

Quant Time: Oct 28 16:40 2021 Quant Results File: K1019.RES

Quant Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 27 10:57:36 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	3.89	136	15960	2.50000 ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	8322	2.50000 ppb	-0.03
10) Phenanthrene-D10(IS)	7.52	188	13894	2.50000 ppb	-0.03
15) Chrysene-D12(IS)	10.57	240	17660	2.50000 ppb	-0.04
20) Perylene-D12(IS)	12.75	264	16527	2.50000 ppb	-0.08
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.63	152	33453	4.36662 ppb	-0.03
Spiked Amount 5.319			Recovery =	82.100%	
13) Fluoranthene-D10 (FRT)	8.90	212	31972	3.14033 ppb	-0.04
Spiked Amount 5.319			Recovery =	59.032%	

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

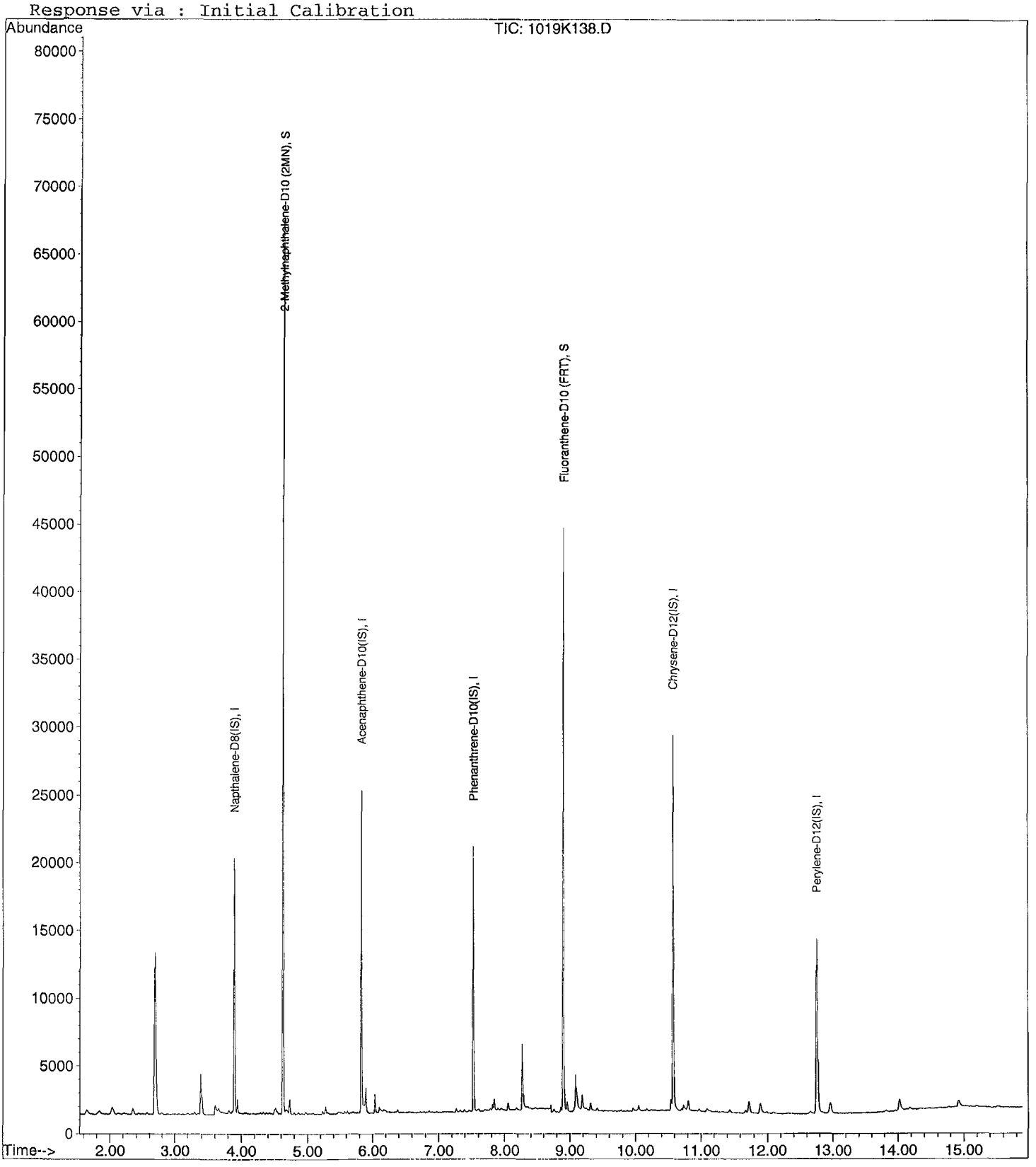
Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K138.D
Acq On : 27 Oct 21 11:59
Sample : BA42516W07 1/940
Misc :

Vial: 138
Operator: LS
Inst : KYLO
Multiplr: 1.06

Quant Time: Oct 28 16:40 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 27 10:57:36 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\KYLO\DATA\211019\1019K139.D Vial: 139
Acq On : 27 Oct 21 12:19 Operator: LS
Sample : BA42518W07 1/950 Inst : KYLO
Misc : Multiplr: 1.05

Quant Time: Oct 28 16:41 2021 Quant Results File: K1019.RES

Quant Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 27 10:57:36 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	3.89	136	16691	2.50000 ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	8557	2.50000 ppb	-0.03
10) Phenanthrene-D10(IS)	7.52	188	14531	2.50000 ppb	-0.03
15) Chrysene-D12(IS)	10.57	240	17653	2.50000 ppb	-0.04
20) Perylene-D12(IS)	12.76	264	15801	2.50000 ppb	-0.07
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.63	152	31385	3.87602 ppb	-0.03
Spiked Amount 5.263			Recovery = 73.644%		
13) Fluoranthene-D10 (FRT)	8.90	212	31852	2.95990 ppb	-0.04
Spiked Amount 5.263			Recovery = 56.240%		

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

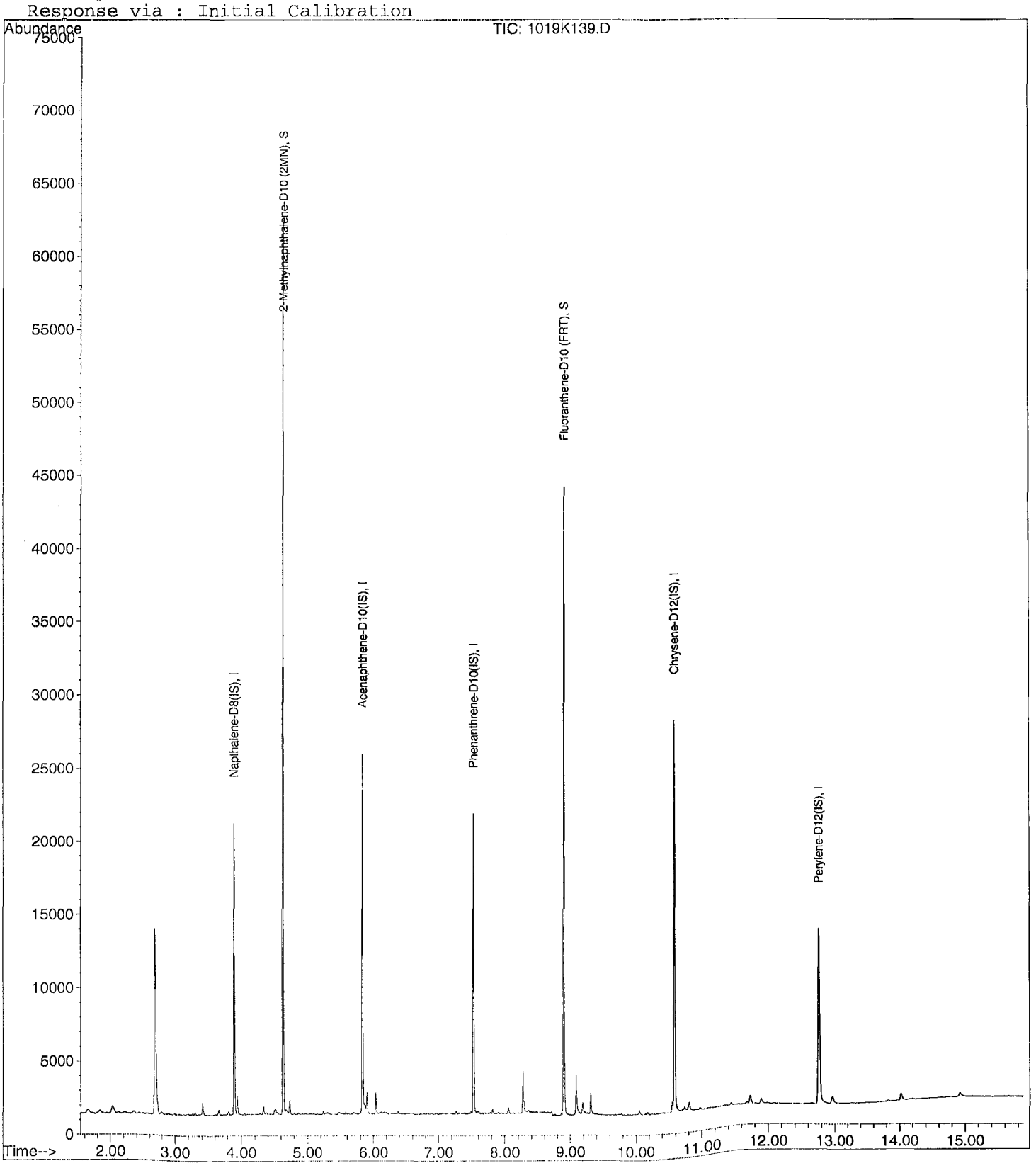
Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K139.D
Acq On : 27 Oct 21 12:19
Sample : BA42518W07 1/950
Misc :

Vial: 139
Operator: LS
Inst : KYLO
Multiplr: 1.05

Quant Time: Oct 28 16:41 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 27 10:57:36 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\KYLO\DATA\211019\1019K133.D Vial: 133
Acq On : 27 Oct 21 10:19 Operator: LS
Sample : 211012A BLK 1/1000 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 27 10:58 2021 Quant Results File: K1019.RES

Quant Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 27 10:57:36 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	3.89	136	12432	2.50000 ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	6173	2.50000 ppb	-0.03
10) Phenanthrene-D10(IS)	7.53	188	9600	2.50000 ppb	-0.03
15) Chrysene-D12(IS)	10.58	240	11357	2.50000 ppb	-0.04
20) Perylene-D12(IS)	12.76	264	10060	2.50000 ppb	-0.07
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.63	152	30671	4.83123 ppb	-0.03
Spiked Amount 5.000			Recovery =	96.620%	
13) Fluoranthene-D10 (FRT)	8.90	212	36690	4.90272 ppb	-0.03
Spiked Amount 5.000			Recovery =	98.060%	
Target Compounds					Qvalue

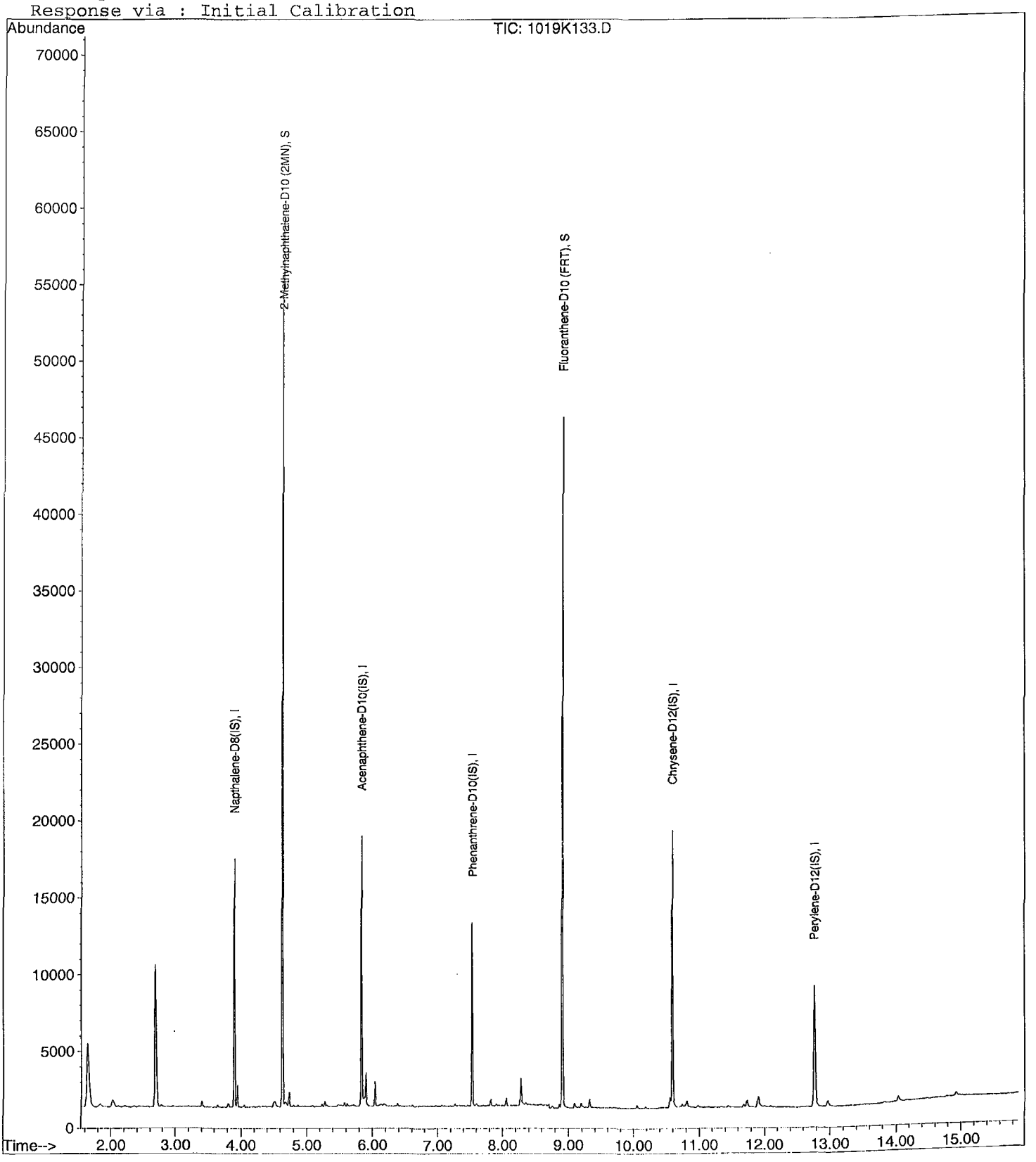
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K133.D Vial: 133
Acq On : 27 Oct 21 10:19 Operator: LS
Sample : 211012A BLK 1/1000 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 27 10:58 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 27 10:57:36 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\KYLO\DATA\211019\1019K134.D Vial: 134
Acq On : 27 Oct 21 10:39 Operator: LS
Sample : 211012A LCS-1 1/1000 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 27 10:57 2021 Quant Results File: K1019.RES

Quant Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 27 10:57:36 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

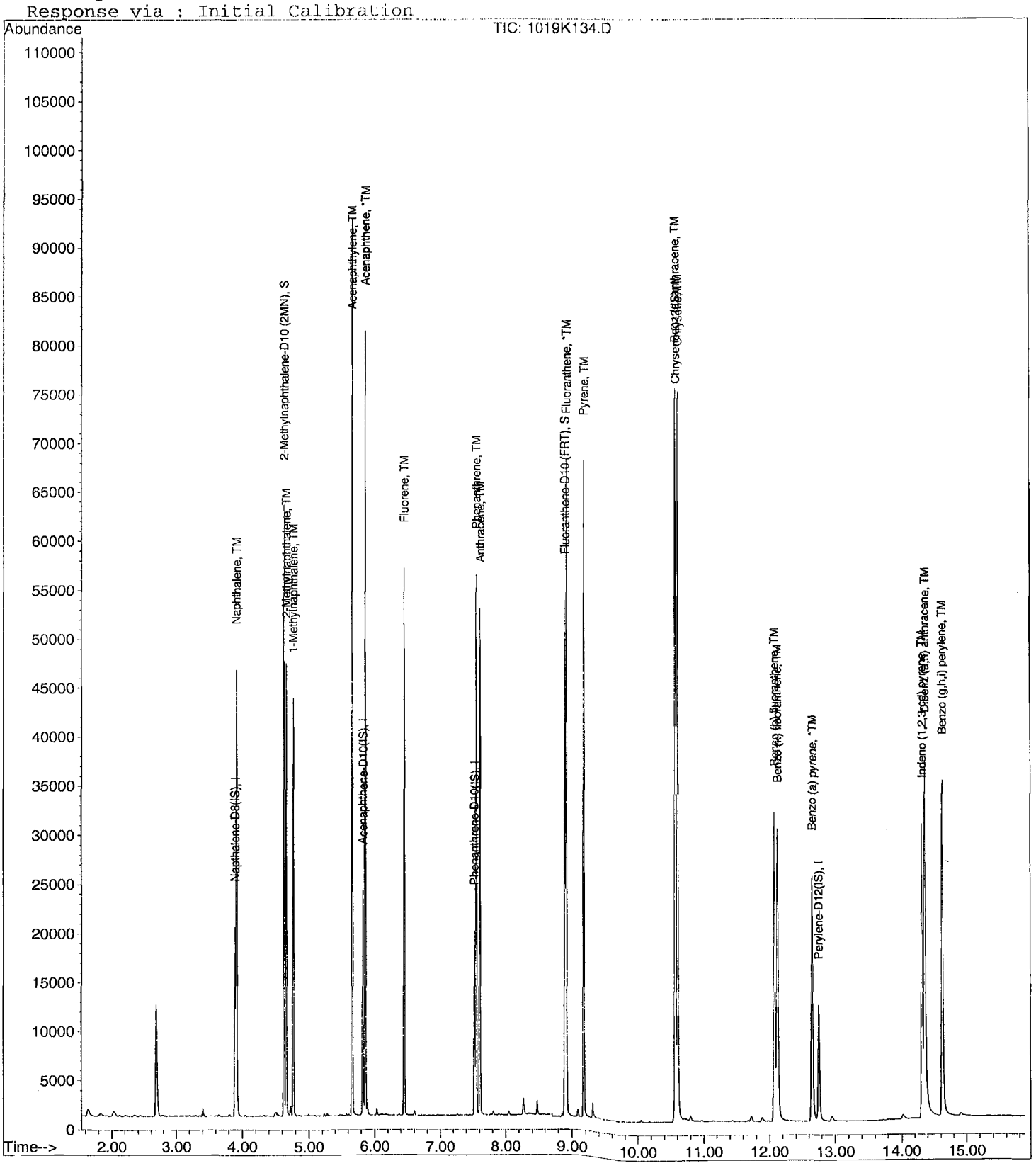
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	3.89	136	15579	2.50000 ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	7960	2.50000 ppb	-0.03
10) Phenanthrene-D10(IS)	7.52	188	13116	2.50000 ppb	-0.03
15) Chrysene-D12(IS)	10.57	240	16199	2.50000 ppb	-0.04
20) Perylene-D12(IS)	12.75	264	14787	2.50000 ppb	-0.08
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.63	152	32604	4.09828 ppb	-0.03
Spiked Amount 5.000			Recovery =	81.960%	
13) Fluoranthene-D10 (FRT)	8.90	212	38439	3.75951 ppb	-0.04
Spiked Amount 5.000			Recovery =	75.200%	
Target Compounds					Qvalue
2) Naphthalene	3.91	128	32235	3.98327 ppb	100
4) 2-Methylnaphthalene	4.66	142	19790	4.17260 ppb	98
5) 1-Methylnaphthalene	4.77	142	19652	4.10565 ppb	98
7) Acenaphthylene	5.66	152	67610	4.10273 ppb	99
8) Acenaphthene	5.86	154	17458	3.99969 ppb	98
9) Fluorene	6.45	166	20909	4.13384 ppb	100
11) Phenanthrene	7.55	178	28091	3.89177 ppb	99
12) Anthracene	7.61	178	25596	3.75446 ppb	99
14) Fluoranthene	8.92	202	45870	4.09075 ppb	98
16) Pyrene	9.17	202	47365	3.81889 ppb	96
17) Benz (a) anthracene	10.56	228	35787	3.94154 ppb	99
18) Chrysene	10.61	228	37195	3.68473 ppb	98
19) Indeno (1,2,3-cd) pyrene	14.31	276	25826	3.59733 ppb	98
21) Benzo (b) fluoranthene	12.08	252	32977	3.95993 ppb	99
22) Benzo (k) fluoranthene	12.12	252	35847	3.76423 ppb	99
23) Benzo (a) pyrene	12.65	252	30075	3.79166 ppb	99
24) Dibenz (a,h) anthracene	14.36	278	28797	3.67176 ppb	98
25) Benzo (g,h,i) perylene	14.63	276	31685	3.71229 ppb	96

(#) = qualifier out of range (m) = manual integration

Data File : M:\KYLO\DATA\211019\1019K134.D Vial: 134
Acq On : 27 Oct 21 10:39 Operator: LS
Sample : 211012A LCS-1 1/1000 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 27 10:57 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 27 10:57:36 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\KYLO\DATA\211019\1019K135.D Vial: 135
Acq On : 27 Oct 21 10:59 Operator: LS
Sample : 211012A LCSD-1 1/1000 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 28 7:33 2021 Quant Results File: K1019.RES

Quant Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 27 10:57:36 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	3.89	136	16598	2.50000 ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	8501	2.50000 ppb	-0.03
10) Phenanthrene-D10(IS)	7.52	188	13538	2.50000 ppb	-0.03
15) Chrysene-D12(IS)	10.58	240	16657	2.50000 ppb	-0.04
20) Perylene-D12(IS)	12.76	264	15221	2.50000 ppb	-0.07
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.63	152	32648	3.85187 ppb	-0.03
Spiked Amount 5.000			Recovery = 77.040%		
13) Fluoranthene-D10 (FRT)	8.90	212	38415	3.64005 ppb	-0.04
Spiked Amount 5.000			Recovery = 72.800%		
Target Compounds					Qvalue
2) Naphthalene	3.91	128	33265	3.85819 ppb	100
4) 2-Methylnaphthalene	4.66	142	20282	4.01380 ppb	99
5) 1-Methylnaphthalene	4.77	142	20292	3.97909 ppb	98
7) Acenaphthylene	5.66	152	70230	3.99050 ppb	99
8) Acenaphthene	5.86	154	18141	3.89167 ppb	98
9) Fluorene	6.45	166	21535	3.98665 ppb	99
11) Phenanthrene	7.55	178	28983	3.89018 ppb	100
12) Anthracene	7.61	178	26574	3.77641 ppb	99
14) Fluoranthene	8.92	202	46764	4.04048 ppb	100
16) Pyrene	9.17	202	48073	3.76940 ppb	99
17) Benz (a) anthracene	10.57	228	36866	3.94873 ppb	99
18) Chrysene	10.61	228	37585	3.62099 ppb	100
19) Indeno (1,2,3-cd) pyrene	14.32	276	26463	3.58538 ppb	98
21) Benzo (b) fluoranthene	12.08	252	34181	3.98747 ppb	99
22) Benzo (k) fluoranthene	12.12	252	36244	3.69740 ppb	99
23) Benzo (a) pyrene	12.65	252	30919	3.78692 ppb	99
24) Dibenz (a,h) anthracene	14.36	278	28989	3.59084 ppb	97
25) Benzo (g,h,i) perylene	14.63	276	32493	3.69841 ppb	97

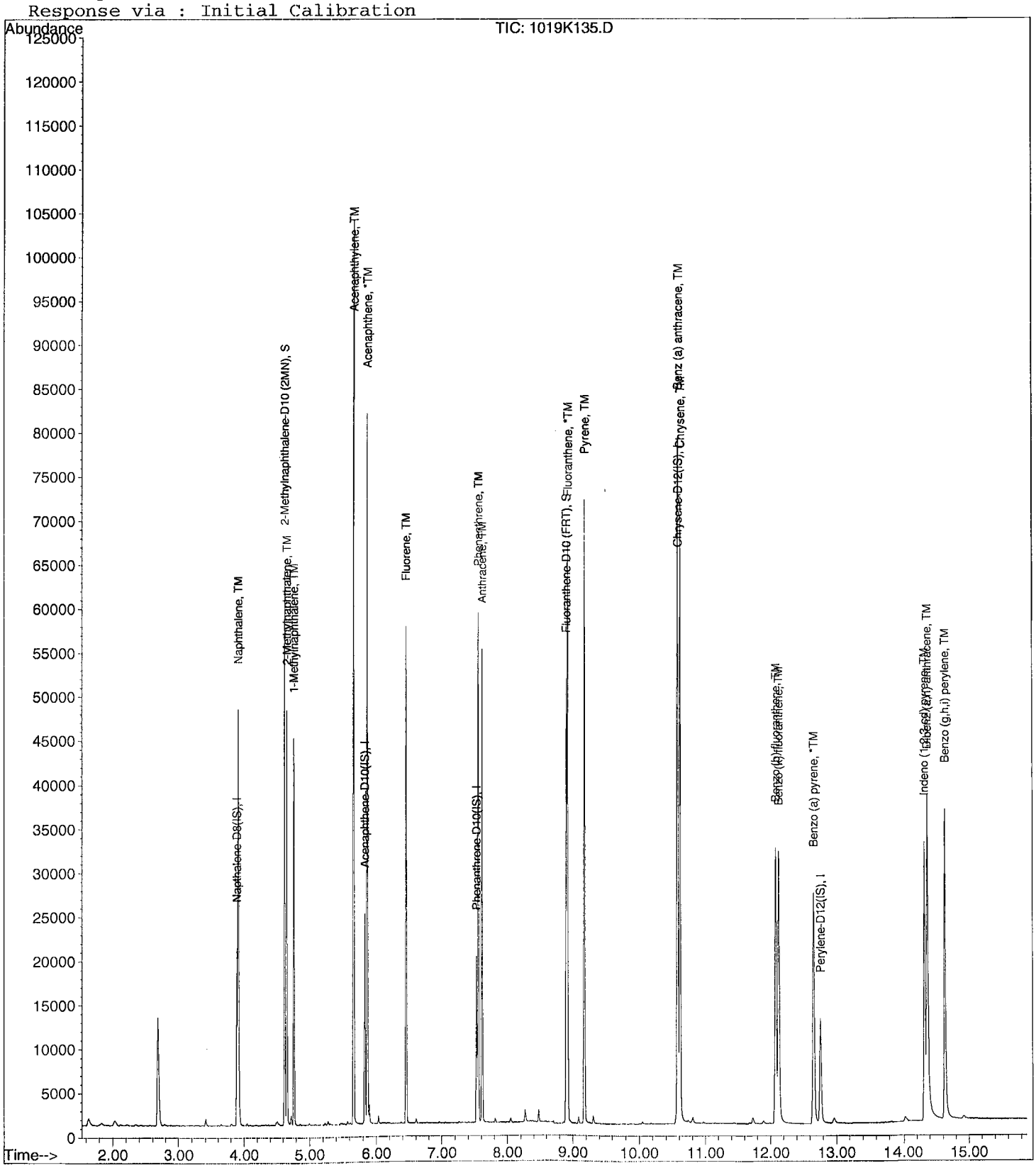
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K135.D Vial: 135
Acq On : 27 Oct 21 10:59 Operator: LS
Sample : 211012A LCSD-1 1/1000 Inst : KYLO
Misc : Multiplr: 1.00

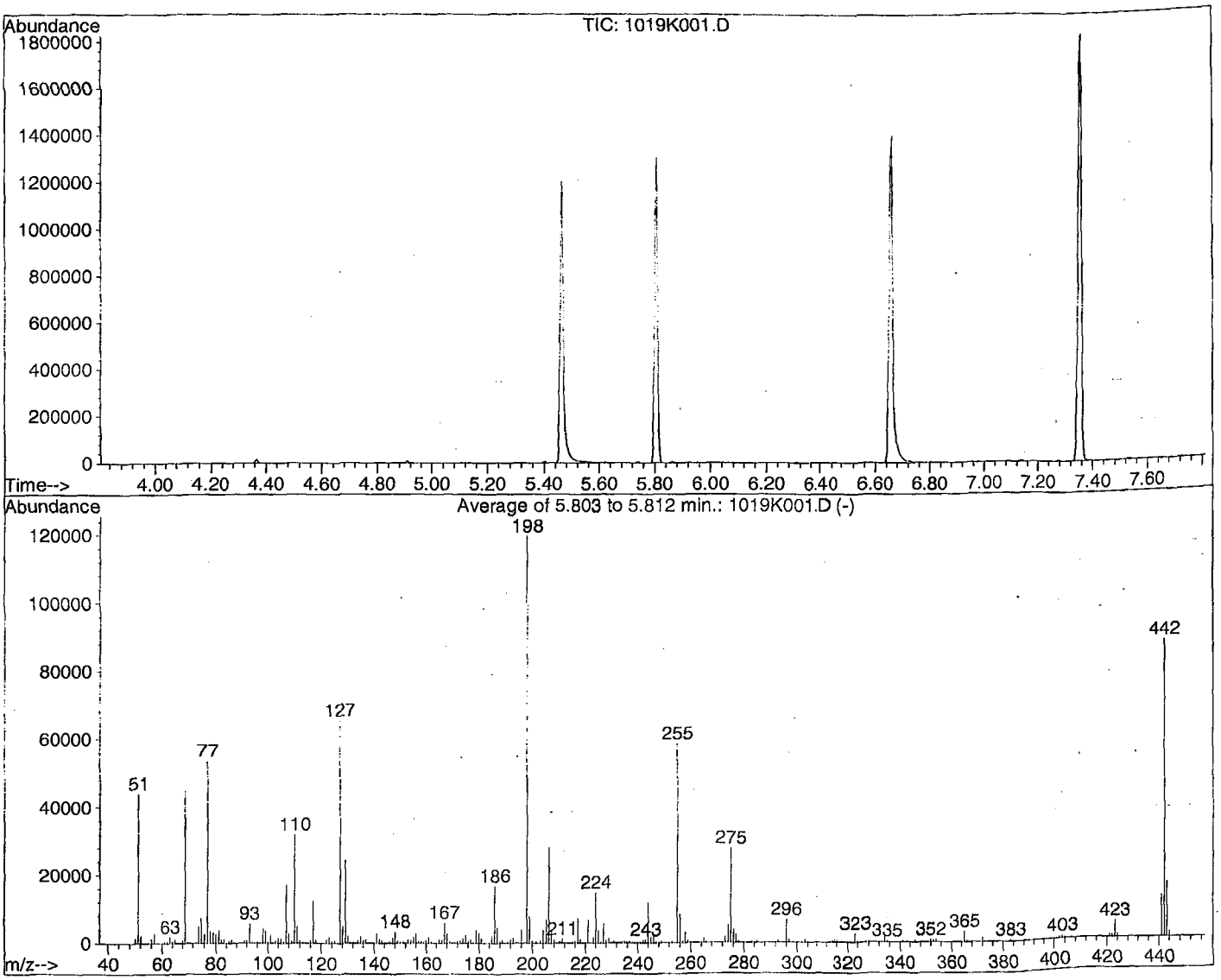
Quant Time: Oct 28 7:33 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Oct 27 10:57:36 2021
Response via : Initial Calibration



Data File : M:\KYLO\DATA\211019\1019K001.D Vial: 1
Acq On : 19 Oct 21 13:58 Operator: LS
Sample : SV TUNE 7/2/21 Inst : KYLO
Misc : Multiplr: 1.00

Method : M:\KYLO\DATA\211019\DFTPP2.M (Chemstation Integrator)
Title :



AutoFind: Scans 476, 477, 478; Background Corrected with Scan 470

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	36.8	44033	PASS
68	69	0.00	2	1.7	772	PASS
70	69	0.00	2	0.4	170	PASS
127	198	10	80	54.6	65376	PASS
197	198	0.00	2	0.2	185	PASS
198	198	100	100	100.0	119640	PASS
199	198	5	9	6.5	7734	PASS
275	198	10	60	23.2	27808	PASS
365	198	1	100	2.5	3043	PASS
441	442	0.01	24	13.9	12169	PASS
442	198	50	500	73.4	87760	PASS
443	442	15	24	18.4	16149	PASS

1019K001.D DFTPP2.M Wed Oct 20 09:24:38 2021

Data File Name:	**1019K001.D**
Data File Path:	**M:\KYLO\DATA\211019**
Operator:	**LS**
Date Acquired:	**19 Oct 2021 13:58**
Method File:	**DFTPP2.M**
Sample Name:	**SV TUNE 7/2/21**
Vial Number:	**1**
Instrument Name:	**KYLO**

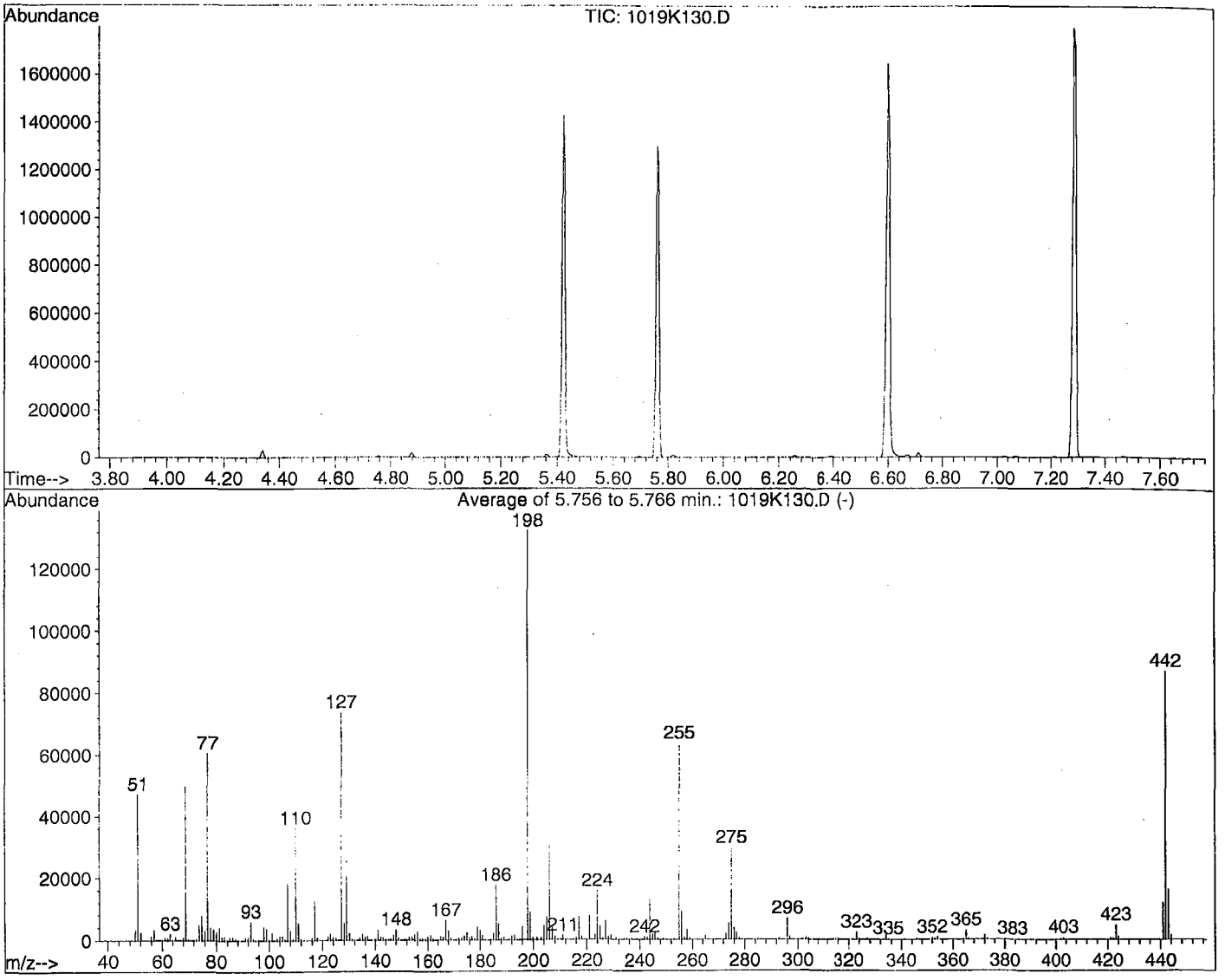
#	Name	Ret Time	Target Response
1)	DDT	7.36	16763500
2)	DDD	7.13	0
3)	DDE	6.80	0

Breakdown **0.00**

Data File : M:\KYLO\DATA\211019\1019K130.D
Acq On : 27 Oct 21 9:17
Sample : SV TUNE 7/2/21
Misc :

Vial: 130
Operator: LS
Inst : KYLO
Multiplr: 1.00

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270



AutoFind: Scans 466, 467, 468; Background Corrected with Scan 461

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	35.6	47181	PASS
68	69	0.00	2	1.9	961	PASS
70	69	0.00	2	0.5	255	PASS
127	198	10	80	55.6	73747	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	132624	PASS
199	198	5	9	6.6	8792	PASS
275	198	10	60	22.4	29684	PASS
365	198	1	100	2.2	2960	PASS
441	442	0.01	24	13.8	12047	PASS
442	198	50	500	65.7	87072	PASS
443	442	15	24	18.4	16056	PASS

M:\KYLO\DATA\211019\1019K130.D

Data File Name:	**1019K130.D**
Data File Path:	**M:\KYLO\DATA\211019**
Operator:	**LS**
Date Acquired:	**27 Oct 2021 09:17**
Method File:	**DFTPP2.M**
Sample Name:	**SV TUNE 7/2/21**
Vial Number:	**130**
Instrument Name:	**KYLO**

#	Name	Ret Time	Target Response
1)	DDT	7.29	16019400
2)	DDD	7.07	0
3)	DDE	6.75	0

Breakdown **0.00**

Name of Final Standard SIM Curve **Prep'd By (Initials)** LS

Prep Date 10/13/2021

Exp Date 6/17/2022

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from container Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc. (range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
1.0 ug/mL SIM	APPL	1.0 ug/mL SIM	1.0 ug/mL	9/9/2021	6/17/2022	10 uL	100uL	MC 61117 90uL	0.1 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	6/17/2021	6/17/2022	2 uL	*	*	2.5ug/mL
1.0 ug/mL SIM	APPL	1.0 ug/mL SIM	1.0 ug/mL	9/9/2021	6/17/2022	20 uL	100uL	MC 61117 80uL	0.2 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	6/17/2021	6/17/2022	2 uL	*	*	2.5ug/mL
5.0 ug/mL SIM	APPL	5.0 ug/mL SIM	5.0 ug/mL	9/9/2021	6/17/2022	10 uL	100uL	MC 61117 90uL	0.5 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	6/17/2021	6/17/2022	2 uL	*	*	2.5ug/mL
5.0 ug/mL SIM	APPL	5.0 ug/mL SIM	5.0 ug/mL	9/9/2021	6/17/2022	20 uL	100uL	MC 61117 80 uL	1.0 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	6/17/2021	6/17/2022	2 uL	*	*	2.5ug/mL
SIM STOCK	APPL	SIM STOCK	200 ug/mL	6/17/2021	6/17/2022	5 uL	200uL	MC 61117 190 uL	5.0 ug/mL
SIM SURROGATE	APPL	SIM SURR	100 ug/mL	6/17/2021	6/17/2022	5 uL	*	*	2.5ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	6/17/2021	6/17/2022	4 uL	*	*	2.5ug/mL
SIM STOCK	APPL	SIM STOCK	200 ug/mL	6/17/2021	6/17/2022	5 uL	100 uL	MC 61117 90 uL	10 ug/mL
SIM SURROGATE	APPL	SIM SURR	100 ug/mL	6/17/2021	6/17/2022	5 uL	*	*	5 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	6/17/2021	6/17/2022	2 uL	*	*	2.5ug/mL
SIM STOCK	APPL	SIM STOCK	200 ug/mL	6/17/2021	6/17/2022	25 uL	100uL	MC 61117 50 uL	50 ug/mL
SIM SURROGATE	APPL	SIM SURR	100 ug/mL	6/17/2021	6/17/2022	25 uL	*	*	25 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	6/17/2021	6/17/2022	2 uL	*	*	2.5ug/mL
SIM STOCK	APPL	SIM STOCK	200 ug/mL	6/17/2021	6/17/2022	50 uL	100uL	na	100 ug/mL
SIM SURROGATE	APPL	SIM SURR	100 ug/mL	6/17/2021	6/17/2022	50 uL	*	*	50 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	6/17/2021	6/17/2022	2 uL	*	*	2.5ug/mL

Name of Final Standard 8270 PAH SIM Second Source **Prep'd By (Initials)** LS

Prep Date 10/13/2021

Exp Date 6/17/2022

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from container Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc. (range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
PAH SIM SS Stock	Phenova	AL0-130490	200 ug/mL	6/17/2021	6/17/2022	5 uL	200uL	MC 61117 195uL	5 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	6/17/2021	6/17/2022	4 uL	*	*	2.5ug/mL

Name of Final Standard	**PAH SIM Stock (Ampule)**	**Prep'd By (Initials)**	**LS**
Prep Date	**6/17/2021**		
Exp Date	**6/17/2022**		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Custom PAH SIM Mix	Phenova	ALO-130490	200 ug/mL	**CL13121-52443**	**12/31/2022**	1000 uL	1mL	**NA**	200 ug/mL

Name of Final Standard	**SIM Surrogate**	**Prep'd By (Initials)**	**LS**
Prep Date	**6/17/2021**		
Exp Date	**6/17/2022**		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Sim Surrogate Deuterated	Restek	33913	2000 ug/mL	**A0161454-50793**	**5/31/2026**	1 mL	20 mL	**Acetone #0246130**	100 ug/mL

Name of Final Standard	**8270 SIM PAH Internal Standard**	**Prep'd By (Initials)**	**LS**
Prep Date	**6/17/2021**		
Exp Date	**6/17/2022**		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
SV Internal Standard	Restek	31206	2000 ug/mL	**A0162879-50593**	**6/30/2026**	625uL	10mL	**MC 60338**	125 ug/mL

Name of Final Standard	**SIM SS Stock (Ampule second source)**	**Prep'd By**	**LS**
Prep Date	**6/17/2021**		
Exp Date	**6/17/2022**		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Custom PAH SIM Mix	Phenova	ALO-130490	200 ug/mL	**CL13117-51757**	**12/31/2022**	1000 uL	1mL	**NA**	200 ug/mL

Name of Final Standard 5 SIM CCV (2x) **Prep'd By (Initials)** LS

Prep Date 10/19/2021

Exp Date 6/17/2022

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from container Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
SIM STOCK	APPL	SIM STOCK	200 ug/mL	**6/17/2021**	**12/31/2022**	5 uL	200uL	**MC 61117 190 uL**	5.0 ug/mL
SIM SURROGATE	APPL	SIM SURR	100 ug/mL	**6/17/2021**	**5/31/2026**	5 uL	*	*	2.5ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**6/17/2021**	**6/30/2026**	4 uL	*	*	2.5ug/mL

Name of Final Standard	SIM Surrogate	Prep'd By (Initials)	LS/IC
Prep Date	9/21/2021		
Exp Date	9/21/2022		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Sim Surrogate Deuterated	Restek	33913	2000 ug/mL	A0173323-52639	5/31/2027	1 mL	20 mL	Acetone #0246130	100 ug/mL

Name of Final Standard	SIM Surrogate	Prep'd By (Initials)	LS
Prep Date	8/24/2021		
Exp Date	8/24/2022		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Sim Surrogate Deuterated	Restek	33913	2000 ug/mL	A0173323-52640	5/31/2027	1 mL	20 mL	Acetone #0246130	100 ug/mL

Name of Final Standard	**SIM Spike**	**Prep'd By (Initials)**	**LS**
Prep Date	**8/5/2021**		
Exp Date	**5/28/2022**		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Custom PAH Sim Mix	Phenova	AL0-130490	200 ug/mL	**CL13121-50766,50767,50771,52444,52445**	**5/28/2022**	5 mL	25 mL	**Acetone 0246130**	40 ug/mL

_LIQ003

Organic Extraction Worksheet

Method	Continuous Liquid/Liquid SVOC 3520C	Extraction Set	211012A	Extraction Method	LIQ003	Units	mL

Spiked ID 1	Sim Spike 8/5/21 - 5/28/22		Surrogate ID 1	SIM Surrogate 10/11/21 - 10/11/22	
Spiked ID 2			Surrogate ID 2		
Spiked ID 3			Surrogate ID 3		
Spiked ID 4			Surrogate ID 4		
Spiked ID 5			Surrogate ID 5		
Spiked ID 6			Sufficient Vol for Matrix QC:	NO	
Spiked ID 7			Ext. Start Time:	10/12/21 12:10	
Spiked ID 8			Ext. End Time:	10/13/21 11:56	
			GC Requires Extract By:		

pH1	14	10/12/21 11:00	Water Bath Temp 1 °C	77/76.5 °C
pH2			Water Bath Temp 2 °C	
pH3			Water Bath Temp 3 °C	

Spiked By: **Date** **Witnessed By:** **Date**

	Sample	Sample Container	Spike Amount	Spike ID	Surrogate Amount	Surrogate ID	Extract Amount	Final Volume	pH	Extract Date/Time	Comments
1	211012A Blk				0.050	1 equip	1000	1	14	10/12/21 10:56	
2	211012A LCS-1		0.125	1	0.050	1 equip	1000	1	14	10/12/21 10:56	
3	211012A LCSD-1		0.125	1	0.050	1 equip	1000	1	14	10/12/21 10:56	
4	BA42512	BA42512W07			0.050	1 equip	940	1	14	10/12/21 10:56	97781
5	BA42514	BA42514W07			0.050	1 equip	940	1	14	10/12/21 10:56	97781
6	BA42516	BA42516W07			0.050	1 equip	940	1	14	10/12/21 10:56	97781
7	BA42518	BA42518W07			0.050	1 equip	950	1	14	10/12/21 10:56	97781
8	BA42524	BA42524W07			0.050	1 equip	940	1	14	10/12/21 10:56	97782
9	BA42527	BA42527W07			0.050	1 equip	950	1	14	10/12/21 10:56	97783
10	BA42528	BA42528W05			0.050	1 equip	950	1	14	10/12/21 10:56	97783

Solvent and Lot#	
PH Strips	HC155968
Dichloromethane (DCM)	61117
10N NaOH (10mLs)	8/13/21 8/13/22
Filter Paper	1441-150
Na2SO4	2021071206

Extraction COC Transfer	
Extraction lab employee Initials	
GC analyst's initials	LS
Date	10/14/21
Time	0907
Refrigerator	GC-C

	Technician's Initials
Scanned By	
Sample Preparation	
Extraction	
Concentration	

Modified	10/12/2021 12:14:44 PM

Reviewed By: **Date**

Injection Log

Directory: M:\KYLO\DATA\211019\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	1019K001.D	1	SV TUNE 7/2/21		19 Oct 21 13:58
2	2	1019K002.D	1	0.1 ug/ml 10/10/21		19 Oct 21 14:09
3	3	1019K003.D	1	0.2 ug/ml 10/10/21		19 Oct 21 14:29
4	4	1019K004.D	1	0.5 ug/ml 10/10/21		19 Oct 21 14:49
5	5	1019K005.D	1	1 ug/ml 10/10/21		19 Oct 21 15:09
6	6	1019K006.D	1	5 ug/ml 10/10/21		19 Oct 21 15:29
7	7	1019K007.D	1	10 ug/ml 10/10/21		19 Oct 21 15:49
8	8	1019K008.D	1	50 ug/ml 10/10/21		19 Oct 21 16:09
9	9	1019K009.D	1	100 ug/ml 10/10/21		19 Oct 21 16:29
10	10	1019K010.D	1	SS ug/ml 10/10/21		19 Oct 21 16:49
11	130	1019K130.D	1	SV TUNE 7/2/21		27 Oct 21 9:17
12	131	1019K131.D	1	5 ug/ml 10/19/21 (1)		27 Oct 21 9:29
13	133	1019K133.D	1	211012A BLK 1/1000		27 Oct 21 10:19
14	134	1019K134.D	1	211012A LCS-1 1/1000		27 Oct 21 10:39
15	135	1019K135.D	1	211012A LCSD-1 1/1000		27 Oct 21 10:59
16	136	1019K136.D	1.06383	BA42512W07 1/940		27 Oct 21 11:19
17	137	1019K137.D	1.06383	BA42514W07 1/940		27 Oct 21 11:39
18	138	1019K138.D	1.06383	BA42516W07 1/940		27 Oct 21 11:59
19	139	1019K139.D	1.05263	BA42518W07 1/950		27 Oct 21 12:19
23	13	1019K163.D	1	5 ug/ml 10/10/21 (2)		27 Oct 21 20:18

ORGANICS
Calibration Data

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 6
Initial Calibration

Lab Name: APPL, Inc. SDG No: .

Case No: Initial Cal. Date: 10/15/2021

Matrix: Instrument: Max Initials:

			1015M12.D	1015M13.D	1015M14.D	1015M15.D	1015M16.D	1015M17.D	1015M18.D	1015M19.D	1015M20.D							
		Compound	1	2	3	4	5	6	7	8	9		Avg	%RSD	Type	r^2	Q	MRF
1	I	Fluorobenzene (IS)																
2	TM	Chlorotrifluoroethene													TM			
3	TM	Dichlorodifluoromethane		0.1508	0.1611	0.1414	0.1748	0.1296	0.1371	0.1510	0.1516		0.15	9.4	TM			
4	TM	Freon 114	0.0629	0.0771	0.0867	0.0903	0.0897	0.0706	0.0918	0.0908	0.0949		0.08	13	TM			
5	TM**	Chloromethane		0.0816	0.1036	0.0852	0.0940	0.0885	0.0795	0.0895	0.0924		0.09	8.6	TM**			
6	TM*	Vinyl chloride	0.1225	0.1206	0.0979	0.1015	0.1123	0.1098	0.1056	0.1118	0.1091		0.11	7.3	TM*			
7	TM	2-Chloro-1,1,1-trifluoroethane													TM			
8	TM	Bromomethane	0.1252	0.0995	0.0992	0.0848	0.0948	0.0853	0.0794	0.0814	0.0879		0.09	15	TM			
9	TML	Chloroethane	0.0933	0.0961	0.1579	0.0552	0.0706	0.0745	0.0641	0.0666	0.0815		0.08	36	TM	0.994		
10	TM	Dichlorofluoromethane	0.2569	0.3121	0.2592	0.2176	0.2203	0.2414	0.2187	0.2235	0.2246		0.24	13	TM			
11	TM	Trichlorofluoromethane	0.2324	0.3029	0.2888	0.3134	0.2973	0.2882	0.2855	0.2975	0.2941		0.29	7.9	TM			
12	TM	2,2-Dichloro-1,1,1-trifluoroethane													TM			
13	TMQ	Acrolein	0.0166	0.0144	0.0135	0.0153	0.0136	0.0142	0.0135	0.0145	0.0144		0.01	7.0	TM	0.997		
14	TM	Acetone	0.0398	0.0304	0.0345	0.0331	0.0310	0.0319	0.0307	0.0309	0.0310		0.03	9.3	TM			
15	TM	Freon-113	0.1116	0.1300	0.1296	0.1218	0.1150	0.1068	0.1175	0.1124	0.1135		0.12	6.9	TM			
16	TM	Acetonitrile	0.0101	0.0070	0.0074	0.0070	0.0076	0.0073	0.0076	0.0080	0.0077		0.01	12	TM			
17	TML	2-propanol													TM		*	
18	TM	1,2-Dichlorotrifluoroethane	0.2569	0.3121	0.2592	0.2176	0.2203	0.2414	0.2187	0.2235	0.2247		0.24	13	TM			
19	TM*	1,1-DCE	0.1787	0.1830	0.1897	0.1807	0.1708	0.1678	0.1697	0.1653	0.1699		0.18	4.7	TM*			
20	TMQ	t-Butanol	0.0115	0.0086	0.0097	0.0102	0.0110	0.0102	0.0098				0.01	9.2	TM	0.995		
21	TMQ	Methyl Acetate		0.0500	0.0481	0.0566	0.0491	0.0547	0.0536	0.0554	0.0547		0.05	6.1	TM	1.000		
22	TML	Iodomethane	0.1065	0.1250	0.0882	0.0717	0.0979	0.1158	0.1130	0.1296	0.1388		0.11	19	TM	0.998		
23	TML	Acrylonitrile	0.0088	0.0055	0.0298	0.0239	0.0337	0.0321	0.0316	0.0309	0.0304		0.03	42	TM	1.000		
24	TM	2-Methylpentane													TM			
25	TM	Methylene chloride	0.1502	0.1032	0.1123	0.1093	0.1063	0.1155	0.1083	0.1086	0.1035		0.11	13	TM			
26	TM	Carbon disulfide	0.1567	0.1530	0.1390	0.1605	0.1324	0.1389	0.1392	0.1362	0.1258		0.14	8.2	TM			
27	TM	Methyl t-butyl ether (MtBE)	0.4054	0.3871	0.3993	0.3508	0.3716	0.3784	0.3615	0.3797	0.3589		0.38	4.9	TM			
28	TM	Trans-1,2-DCE		0.1591	0.1103	0.1150	0.1200	0.1175	0.1222	0.1143	0.1180		0.12	13	TM			
29	TML	3-Methylpentane	0.0803	0.0784	0.0715	0.0806	0.0660	0.0664	0.0682	0.0593	0.0607		0.07	12	TM	0.999		
30	TM	Hexane													TM			
31	TM	Diisopropyl Ether	0.1713	0.2278	0.2501	0.2487	0.2546	0.2465	0.2359	0.2412	0.2396		0.24	11	TM			
32	TM**	1,1-DCA	0.1334	0.1964	0.2073	0.1858	0.1835	0.1860	0.1867	0.1843	0.1844		0.18	11	TM**			
33	TM	Vinyl Acetate													TM			
34	TM	Ethyl tert Butyl Ether	0.2869	0.3155	0.2850	0.3007	0.3100	0.3054	0.3017	0.3165	0.2971		0.30	3.7	TM			
35	TML	Methylcyclopentane	0.0042	0.0425	0.0170	0.0155	0.0146	0.0129	0.0124	0.0132	0.0113		0.02	66	TM	0.996		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 6
Initial Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Initial Cal. Date: 10/15/2021
Matrix: Instrument: Max Initials:

		Compound	1	2	3	4	5	6	7	8	9		Avg	%RSD	Type		Q	MRF
36	TM	MEK (2-Butanone)	0.0332	0.0326	0.0363	0.0351	0.0325	0.0357	0.0324	0.0342	0.0346		0.03	4.3	TM			
37	TM	Cis-1,2-DCE	0.1508	0.1567	0.1446	0.1113	0.1316	0.1360	0.1266	0.1312	0.1278		0.14	10	TM			
38	TM	2,2-Dichloropropane	0.2829	0.2366	0.2197	0.2193	0.2309	0.2454	0.2308	0.2242	0.2240		0.23	8.5	TM			
39	TM*	Chloroform	0.1554	0.2020	0.2501	0.2382	0.2569	0.2726	0.2578	0.2540	0.2523		0.24	15	TM*			
40	TML	Bromochloromethane	0.1040	0.0920	0.0931	0.1176	0.1094	0.1056	0.1049	0.1084	0.1009		0.10	7.7	TM	0.999		
41	S	Dibromofluoromethane(S)	0.3580	0.3340	0.3038	0.2941	0.3047	0.3136	0.2987	0.3015	0.2862		0.31	7.2	S			
42	TM	1,1,1-TCA	0.2636	0.2422	0.2707	0.2885	0.2921	0.2898	0.2963	0.2887	0.2800		0.28	6.3	TM			
43	TM	Cyclohexane	0.0786	0.0832	0.0908	0.0807	0.0825	0.0701	0.0773	0.0765	0.0788		0.08	7.0	TM			
44	TM	1,1-Dichloropropene	0.1321	0.1579	0.1511	0.1468	0.1674	0.1534	0.1551	0.1496	0.1495		0.15	6.2	TM			
45	TM	2,2,4-Trimethylpentane	0.2393	0.1672	0.2119	0.2264	0.1839	0.1678	0.1830	0.1923	0.1956		0.20	13	TM			
46	S	1,2-DCA-D4(S)	0.2537	0.2270	0.2111	0.2053	0.2170	0.2102	0.2102	0.2107	0.2039		0.22	7.2	S			
47	TM	Carbon Tetrachloride	0.2703	0.2346	0.2668	0.2614	0.2739	0.2671	0.2581	0.2643	0.2660		0.26	4.4	TM			
48	TM	Tert Amyl Methyl Ether	0.2852	0.3313	0.2672	0.2865	0.3043	0.3119	0.2953	0.3074	0.2915		0.30	6.2	TM			
49	TM	1,2-DCA	0.2196	0.2210	0.2380	0.2461	0.2367	0.2417	0.2309	0.2437	0.2374		0.24	4.0	TM			
50	TM	Benzene	0.4803	0.4517	0.4397	0.4236	0.4345	0.4448	0.4245	0.4267	0.4199		0.44	4.3	TM			
51	TM	TCE	0.1271	0.1743	0.1565	0.1358	0.1245	0.1448	0.1323	0.1347	0.1332		0.14	11	TM			
52	TM	2-Pentanone	0.0582	0.0562	0.0561	0.0572	0.0561	0.0576	0.0555	0.0577	0.0580		0.06	1.8	TM			
53	TM*L	1,2-Dichloropropane	0.0482	0.0546	0.0514	0.0360	0.0419	0.0501	0.0484	0.0514	0.0467		0.05	12	TM*	0.998		
54	TM	Bromodichloromethane	0.1483	0.2146	0.1662	0.2030	0.2205	0.2025	0.2006	0.2104	0.2051		0.20	12	TM			
55	TML	Methyl Cyclohexane	0.1984	0.1391	0.1440	0.1602	0.1519	0.1358	0.1512	0.1540	0.1531		0.15	12	TM	1.000		
56	TM	Dibromomethane	0.0944	0.0820	0.1045	0.0868	0.0845	0.0850	0.0766	0.0795	0.0773		0.09	10	TM			
57	TM	MIBK (methyl isobutyl ketone)	0.0770	0.0658	0.0724	0.0771	0.0701	0.0753	0.0704	0.0737	0.0738		0.07	5.0	TM			
58	TML	1-Bromo-2-chloroethane	0.0302	0.0087	0.0167	0.0232	0.0320	0.0269	0.0274	0.0281	0.0275		0.02	30	TM	1.000		
59	TM	2-Chloroethyl vinyl ether													TM			
60	TM	Cis-1,3-Dichloropropene	0.1208	0.1719	0.1709	0.1894	0.1907	0.1839	0.1841	0.1860	0.1894		0.18	13	TM			
61	TM*	Toluene	0.5522	0.4801	0.4779	0.4772	0.5146	0.5462	0.5004	0.5063	0.5080		0.51	5.5	TM*			
62	TM	Trans-1,3-Dichloropropene	0.1393	0.1391	0.1685	0.1795	0.1887	0.1861	0.1833	0.1944	0.1948		0.17	12	TM			
63	TM	1,1,2-TCA	0.0935	0.0961	0.0637	0.0759	0.0732	0.0810	0.0731	0.0753	0.0756		0.08	13	TM			
64	TM	2-Hexanone	0.0466	0.0396	0.0499	0.0508	0.0466	0.0527	0.0507	0.0528	0.0538		0.05	9.0	TM			
65	I	Chlorobenzene-D5 (IS)																
66	S	Toluene-D8(S)	1.339	1.273	1.107	1.107	1.129	1.132	1.110	1.106	1.038		1.1	8.2	S			
67	TM	1,2-EDB	0.1119	0.1589	0.1216	0.1371	0.1335	0.1292	0.1341	0.1299	0.1309		0.13	9.6	TM			
68	TML	Tetrachloroethene	0.6091	0.3484	0.2276	0.1756	0.1358	0.1173	0.1351	0.1232	0.1143		0.22	74	TM	0.999		
69	TM	1-Chlorohexane	0.1152	0.0891	0.1082	0.0965	0.1019	0.0897	0.0993	0.0952	0.0980		0.10	8.4	TM			
70	TM	1,1,1,2-Tetrachloroethane	0.1391	0.1828	0.1648	0.1859	0.2121	0.2018	0.1949	0.1960	0.1965		0.19	12	TM			

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 6
Initial Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Initial Cal. Date: 10/15/2021
Matrix: Instrument: Max Initials:

		Compound	1	2	3	4	5	6	7	8	9		Avg	%RSD	Type		Q	MRF
71	TM	m&p-Xylene	0.2844	0.2517	0.2669	0.2707	0.2937	0.2972	0.2994	0.2919	0.2876		0.28	5.7	TM			
72	TM	o-Xylene	0.3290	0.3153	0.3138	0.2563	0.2863	0.2930	0.2871	0.2939	0.2927		0.30	7.1	TM			
73	TM	Styrene	0.4104	0.4286	0.3830	0.4298	0.4621	0.4757	0.4696	0.4735	0.4835		0.45	7.8	TM			
74	S	4-Bromofluorobenzene(S)	0.5305	0.4709	0.4295	0.4339	0.4550	0.4619	0.4657	0.4698	0.4596		0.46	6.2	S			
75	TM	1,3-Dichloropropane	0.2500	0.1841	0.1902	0.1782	0.1994	0.1925	0.1833	0.1867	0.1812		0.19	11	TM			
76	TM	Dibromochloromethane	0.2041	0.1894	0.1919	0.1859	0.1928	0.1923	0.1967	0.1988	0.1947		0.19	2.8	TM			
77	TM**	Chlorobenzene	0.4530	0.4058	0.3834	0.4602	0.4488	0.4441	0.4397	0.4331	0.4323		0.43	5.6	TM**			
78	TM*	Ethylbenzene	0.8163	0.6181	0.6491	0.6508	0.7106	0.6823	0.6773	0.6899	0.6792		0.69	8.1	TM*			
79	TM**	Bromoform	0.1795	0.1248	0.1586	0.1638	0.1562	0.1606	0.1638	0.1699	0.1727		0.16	9.6	TM**			
80	I	1,4-Dichlorobenzene-D (IS)																
81	TM	Isopropylbenzene	1.406	1.232	1.129	1.052	1.159	1.126	1.148	1.104	1.137		1.2	8.7	TM			
82	TM**	1,1,2,2-Tetrachloroethane		0.2460	0.2121	0.2073	0.1907	0.1939	0.1838	0.1825	0.1841		0.20	11	TM**			
83	TM	1,2,3-Trichloropropane		0.1099	0.0947	0.1052	0.1046	0.0956	0.0992	0.0943	0.0968		0.10	5.8	TM			
84	TML	t-1,4-Dichloro-2-Butene	0.1357	0.0279	0.0748	0.0564	0.0450	0.0484	0.0489	0.0515	0.0523		0.06	51	TM	1.000		
85	TM	Bromobenzene	0.4062	0.4088	0.3460	0.4046	0.3788	0.3610	0.3870	0.3662	0.3760		0.38	5.8	TM			
86	TM	n-Propylbenzene	1.201	1.175	1.139	1.072	1.136	1.178	1.160	1.146	1.156		1.2	3.2	TM			
87	TM	4-Ethyltoluene	1.173	0.9909	1.012	1.065	1.034	1.080	1.086	1.056	1.072		1.1	4.9	TM			
88	TM	2-Chlorotoluene	1.032	1.018	0.9358	0.9070	0.9024	0.9205	0.8841	0.8629	0.7541		0.91	9.0	TM			
89	TM	1,3,5-Trimethylbenzene	1.111	1.007	0.9502	0.8656	1.004	1.040	1.002	0.9694	1.004		0.99	6.7	TM			
90	TM	4-Chlorotoluene	0.9827	0.9428	0.8406	0.9352	0.8957	0.9074	0.9014	0.8707	0.8848		0.91	4.6	TM			
91	TM	Tert-Butylbenzene	0.4821	0.4878	0.5201	0.4933	0.5732	0.5707	0.6035	0.5946	0.6177		0.55	9.8	TM			
92	TM	1,2,4-Trimethylbenzene	0.7998	0.9460	0.8049	0.9155	0.9690	0.9763	1.035	1.004	1.031		0.94	9.4	TM			
93	TM	Sec-Butylbenzene	1.011	0.9172	0.9188	1.056	1.073	1.105	1.121	1.107	1.151		1.1	8.1	TM			
94	TM	p-Isopropyltoluene		0.8303	0.8889	0.9044	1.049	1.057	1.118	1.118	1.161		1.0	12	TM			
95	TM	Benzyl Chloride	0.2242	0.2792	0.2661	0.2638	0.2167	0.2173	0.2234	0.2228	0.2515		0.24	10	TM			
96	TM	1,3-DCB	0.8194	0.6364	0.5705	0.6021	0.6799	0.6575	0.6709	0.6645	0.6786		0.66	10	TM			
97	TM	1,4-DCB	0.8033	0.7211	0.7006	0.5831	0.6388	0.6540	0.6682	0.6466	0.6748		0.68	9.1	TM			
98	TML	n-Butylbenzene	0.4112	0.4841	0.4046	0.4944	0.5656	0.5974	0.6856	0.7160	0.7902		0.57	24	TM	0.998		
99	TM	1,2-DCB	0.6692	0.6405	0.5987	0.6470	0.6582	0.6539	0.6635	0.6423	0.6804		0.65	3.6	TM			
100	TM	Hexachloroethane	0.1548	0.1591	0.2055	0.1841	0.1602	0.1575	0.1628	0.1663	0.1819		0.17	9.9	TM			
101	TML	1,2-Dibromo-3-chloropropane	0.0088	0.0293	0.0318	0.0402	0.0481	0.0559	0.0579	0.0579	0.0634		0.04	41	TM	0.999		
102	TML	1,2,4-Trichlorobenzene	0.1483	0.1203	0.1072	0.1196	0.1592	0.1983	0.2646	0.2864	0.3386		0.19	43	TM	0.995		
103	TML	Hexachlorobutadiene	0.2376	0.1684	0.1828	0.2143	0.2245	0.2533	0.2820	0.2891	0.3092		0.24	20	TM	0.999		
104	TMQ	Naphthalene	0.3645	0.2801	0.2235	0.2250	0.3044	0.4145	0.5147	0.6032	0.7496		0.41	44	TM	1.000		
105	TML	1,2,3-Trichlorobenzene	0.1506	0.1044	0.1263	0.1303	0.2031	0.2496	0.3344	0.3708	0.4644		0.24	54	TM	0.992		

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M12.D Vial: 2
Acq On : 15 Oct 21 15:12 Operator: LP,DG,CH
Sample : 0.3ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.34	96	397342	25.00	ppb		0.00
65) Chlorobenzene-D5 (IS)	9.50	117	352293	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.82	152	217437	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.56	111	28448	5.76	ppb		0.00
Spiked Amount 25.000			Recovery =	23.060%			
46) 1,2-DCA-D4(S)	5.95	65	20160	5.86	ppb		0.00
Spiked Amount 25.000			Recovery =	23.428%			
66) Toluene-D8(S)	8.05	98	94364	5.83	ppb		0.00
Spiked Amount 25.000			Recovery =	23.312%			
74) 4-Bromofluorobenzene(S)	10.68	95	37378	5.72	ppb		0.00
Spiked Amount 25.000			Recovery =	22.864%			
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.19	85	437	0.18	ppb	#	64
4) Freon 114	1.29	85	300	0.23	ppb	#	59
5) Chloromethane	1.33	50	657	0.46	ppb	#	81
6) Vinyl chloride	1.42	62	584	0.33	ppb	#	61
8) Bromomethane	1.68	94	597	0.40	ppb	#	56
9) Chloroethane	1.80	64	445	1.46	ppb	#	44
10) Dichlorofluoromethane	1.97	67	1225	0.32	ppb		93
11) Trichlorofluoromethane	2.01	101	1108	0.24	ppb		94
13) Acrolein	2.44	56	2646	9.49	ppb		94
14) Acetone	2.61	43	3165	6.11	ppb		98
15) Freon-113	2.54	151	532	0.28	ppb	#	45
16) Acetonitrile	2.92	41	1607	13.05	ppb	#	73
18) 1,2-Dichlorotrifluoroethan	1.97	67	1225	0.32	ppb		100
19) 1,1-DCE	2.51	61	852	0.31	ppb	#	84
20) t-Butanol	3.33	59	1829	13.47	ppb		100
21) Methyl Acetate	2.98	43	391	0.45	ppb	#	49
22) Iodomethane	2.67	142	508	1.47	ppb	#	65
25) Methylene chloride	3.08	84	716	0.40	ppb		98
26) Carbon disulfide	2.72	76	747	0.33	ppb	#	82
27) Methyl t-butyl ether (MtBE	3.46	73	1933	0.32	ppb	#	58
28) Trans-1,2-DCE	3.44	96	316	0.16	ppb	#	66
29) 3-Methylpentane	3.50	57	383	-0.17	ppb	#	14
31) Diisopropyl Ether	4.25	45	817	0.22	ppb	#	85
32) 1,1-DCA	4.07	63	636	0.22	ppb	#	52
34) Ethyl tert Butyl Ether	4.78	59	1368	0.28	ppb		93
35) Methylcyclopentane	4.75	56	20	-1.30	ppb		100
36) MEK (2-Butanone)	4.98	43	2641	4.88	ppb	#	85
37) Cis-1,2-DCE	4.91	96	719	0.33	ppb	#	64
38) 2,2-Dichloropropane	4.88	77	1349	0.36	ppb	#	61
39) Chloroform	5.36	83	741	0.20	ppb		79
40) Bromochloromethane	5.23	130	496	-0.13	ppb	#	74
42) 1,1,1-TCA	5.54	97	1257	0.28	ppb	#	75
43) Cyclohexane	5.57	41	375	0.30	ppb	#	22
44) 1,1-Dichloropropene	5.74	75	630	0.26	ppb	#	37
45) 2,2,4-Trimethylpentane	6.13	57	1141	0.37	ppb	#	36
47) Carbon Tetrachloride	5.73	117	1289	0.31	ppb	#	68
48) Tert Amyl Methyl Ether	6.18	73	1360	0.29	ppb	#	91
49) 1,2-DCA	6.05	62	1047	0.28	ppb	#	81
50) Benzene	5.99	78	2290	0.33	ppb	#	84
51) TCE	6.75	95	606	0.27	ppb	#	79

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M12.D Vial: 2
Acq On : 15 Oct 21 15:12 Operator: LP,DG,CH
Sample : 0.3ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
52)	2-Pentanone	7.01	43	9248	10.21	ppb		94
54)	Bromodichloromethane	7.31	83	707	0.23	ppb		90
55)	Methyl Cyclohexane	6.94	83	946	0.54	ppb	#	70
56)	Dibromomethane	7.12	93	450	0.33	ppb	#	72
57)	MIBK (methyl isobutyl ket	7.98	43	6119	5.28	ppb	#	93
58)	1-Bromo-2-chloroethane	7.62	144	144	0.36	ppb	#	15
60)	Cis-1,3-Dichloropropene	7.79	75	576	0.21	ppb	#	79
61)	Toluene	8.12	91	2633	0.33	ppb		80
62)	Trans-1,3-Dichloropropene	8.38	75	664	0.24	ppb	#	29
63)	1,1,2-TCA	8.55	83	446	0.36	ppb	#	57
64)	2-Hexanone	8.83	43	3704	4.73	ppb	#	75
67)	1,2-EDB	9.03	107	473	0.25	ppb		100
68)	Tetrachloroethene	8.66	164	2575	0.14	ppb	#	81
69)	1-Chlorohexane	9.53	91	487	0.35	ppb		82
70)	1,1,1,2-Tetrachloroethane	9.61	131	588	0.22	ppb		78
71)	m&p-Xylene	9.77	106	2405	0.60	ppb		90
72)	o-Xylene	10.17	106	1391	0.33	ppb	#	50
73)	Styrene	10.18	104	1735	0.28	ppb	#	81
75)	1,3-Dichloropropane	8.72	76	1057	0.39	ppb	#	80
76)	Dibromochloromethane	8.93	129	863	0.32	ppb	#	72
77)	Chlorobenzene	9.53	112	1915	0.31	ppb		91
78)	Ethylbenzene	9.65	91	3451	0.36	ppb		91
79)	Bromoform	10.35	173	759	0.33	ppb		89
81)	Isopropylbenzene	10.53	105	3669	0.36	ppb		90
82)	1,1,2,2-Tetrachloroethane	10.84	83	842	0.48	ppb	#	56
83)	1,2,3-Trichloropropane	10.88	110	81	0.09	ppb	#	6
84)	t-1,4-Dichloro-2-Butene	10.91	53	354	1.03	ppb	#	3
85)	Bromobenzene	10.81	156	1060	0.32	ppb		76
86)	n-Propylbenzene	10.94	91	3134	0.31	ppb		99
87)	4-Ethyltoluene	11.06	105	3060	0.33	ppb		92
88)	2-Chlorotoluene	11.02	91	2692	0.34	ppb		99
89)	1,3,5-Trimethylbenzene	11.13	105	2898	0.33	ppb		96
90)	4-Chlorotoluene	11.13	91	2564	0.33	ppb		89
91)	Tert-Butylbenzene	11.45	119	1258	0.26	ppb		87
92)	1,2,4-Trimethylbenzene	11.48	105	2087	0.25	ppb		79
93)	Sec-Butylbenzene	11.66	105	2637	0.29	ppb		97
94)	p-Isopropyltoluene	11.81	119	1811	0.20	ppb	#	62
95)	Benzyl Chloride	11.99	91	585	0.28	ppb	#	89
96)	1,3-DCB	11.76	146	2138	0.37	ppb		89
97)	1,4-DCB	11.85	146	2096	0.36	ppb	#	61
98)	n-Butylbenzene	12.22	91	1073	1.47	ppb	#	82
99)	1,2-DCB	12.22	146	1746	0.31	ppb	#	84
100)	Hexachloroethane	12.46	117	404	0.27	ppb	#	66
101)	1,2-Dibromo-3-chloropropan	13.06	75	23	1.06	ppb	#	1
102)	1,2,4-Trichlorobenzene	13.81	180	387	2.33	ppb	#	70
103)	Hexachlorobutadiene	13.99	225	620	1.24	ppb	#	64
104)	Naphthalene	14.05	128	951	1.21	ppb	#	69
105)	1,2,3-Trichlorobenzene	14.30	180	393	2.70	ppb	#	70

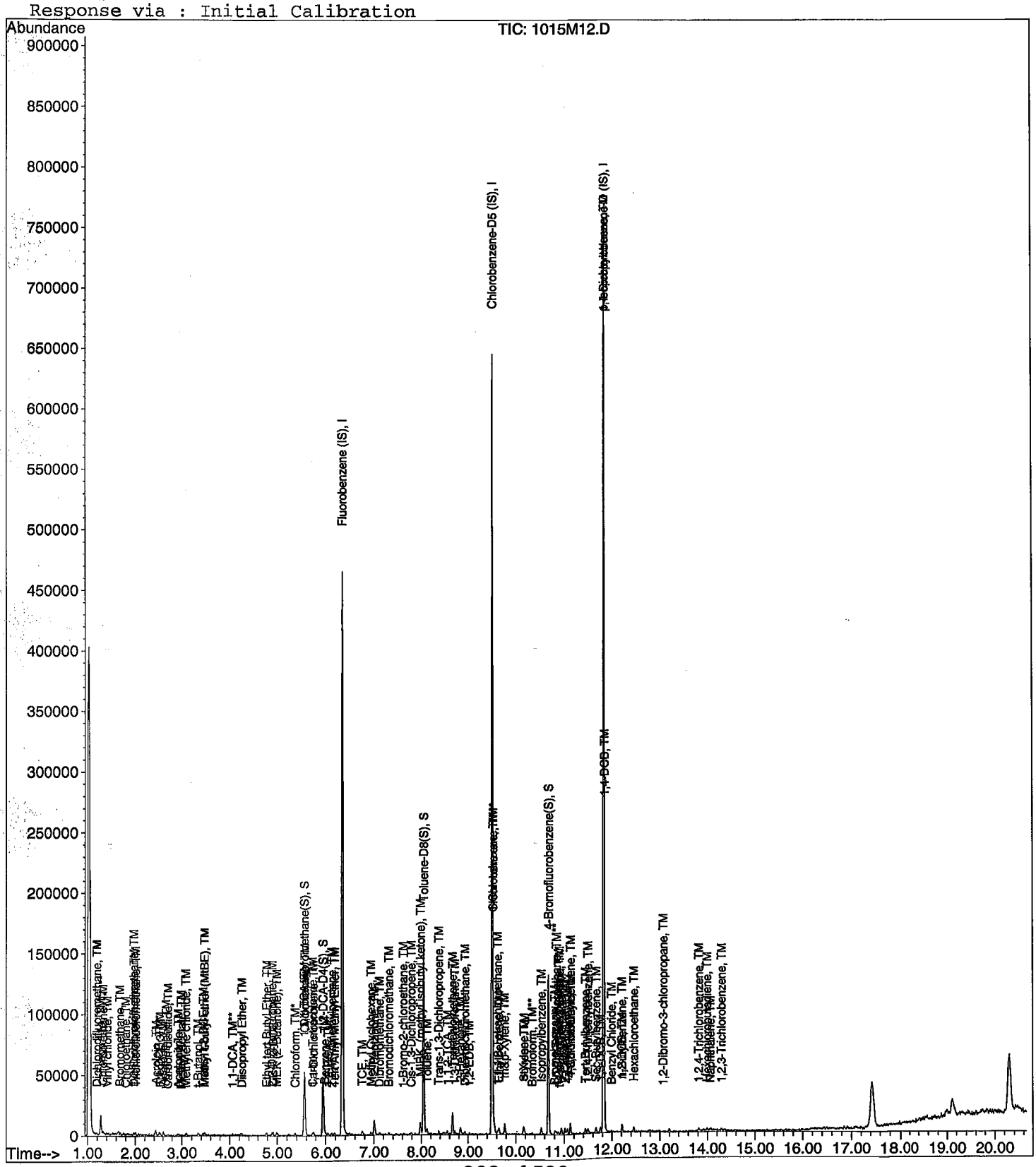
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1015M12.D Vial: 2
Acq On : 15 Oct 21 15:12 Operator: LP,DG,CH
Sample : 0.3ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M13.D
Acq On : 15 Oct 21 15:41
Sample : 0.5ug/L VOC STD 10/15/21
Misc : IS&S 8/4/21

Vial: 3
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.34	96	396824	25.00	ppb		0.00
65) Chlorobenzene-D5 (IS)	9.50	117	348546	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.82	152	220294	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.56	111	26504	5.38	ppb		0.00
Spiked Amount 25.000			Recovery =	21.512%			
46) 1,2-DCA-D4(S)	5.95	65	18016	5.24	ppb		0.00
Spiked Amount 25.000			Recovery =	20.964%			
66) Toluene-D8(S)	8.05	98	88728	5.54	ppb		0.00
Spiked Amount 25.000			Recovery =	22.156%			
74) 4-Bromofluorobenzene(S)	10.68	95	32826	5.07	ppb		0.00
Spiked Amount 25.000			Recovery =	20.292%			
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.19	85	1197	0.50	ppb		94
4) Freon 114	1.28	85	612	0.46	ppb		83
5) Chloromethane	1.33	50	648	0.46	ppb		91
6) Vinyl chloride	1.42	62	957	0.55	ppb		91
8) Bromomethane	1.68	94	790	0.53	ppb		95
9) Chloroethane	1.78	64	763	1.71	ppb	#	70
10) Dichlorofluoromethane	1.97	67	2477	0.65	ppb		87
11) Trichlorofluoromethane	2.00	101	2404	0.52	ppb		83
13) Acrolein	2.44	56	5714	24.24	ppb		85
14) Acetone	2.61	43	4830	9.34	ppb		100
15) Freon-113	2.52	151	1032	0.55	ppb	#	76
16) Acetonitrile	2.93	41	2762	22.46	ppb		95
18) 1,2-Dichlorotrifluoroethan	1.97	67	2477	0.65	ppb		100
19) 1,1-DCE	2.51	61	1452	0.52	ppb	#	80
20) t-Butanol	3.34	59	3416	22.25	ppb		100
21) Methyl Acetate	3.00	43	397	0.46	ppb	#	26
22) Iodomethane	2.66	142	992	1.69	ppb	#	91
25) Methylene chloride	3.08	84	819	0.46	ppb	#	62
26) Carbon disulfide	2.71	76	1214	0.54	ppb	#	76
27) Methyl t-butyl ether (MtBE	3.47	73	3072	0.51	ppb		100
28) Trans-1,2-DCE	3.44	96	1263	0.65	ppb	#	53
29) 3-Methylpentane	3.46	57	622	0.08	ppb	#	88
31) Diisopropyl Ether	4.25	45	1808	0.48	ppb	#	66
32) 1,1-DCA	4.05	63	1559	0.54	ppb	#	74
34) Ethyl tert Butyl Ether	4.77	59	2504	0.52	ppb		99
35) Methylcyclopentane	4.76	56	337	0.45	ppb		100
36) MEK (2-Butanone)	4.99	43	5170	9.56	ppb	#	82
37) Cis-1,2-DCE	4.91	96	1244	0.58	ppb	#	59
38) 2,2-Dichloropropane	4.89	77	1878	0.50	ppb		98
39) Chloroform	5.37	83	1603	0.42	ppb		89
42) 1,1,1-TCA	5.55	97	1922	0.43	ppb	#	85
43) Cyclohexane	5.58	41	660	0.52	ppb	#	25
44) 1,1-Dichloropropene	5.75	75	1253	0.52	ppb	#	53
45) 2,2,4-Trimethylpentane	6.11	57	1327	0.43	ppb		93
47) Carbon Tetrachloride	5.73	117	1862	0.45	ppb		93
48) Tert Amyl Methyl Ether	6.18	73	2629	0.56	ppb		93
49) 1,2-DCA	6.04	62	1754	0.47	ppb	#	90
50) Benzene	5.99	78	3585	0.52	ppb	#	79
51) TCE	6.75	95	1383	0.62	ppb	#	62
52) 2-Pentanone	7.01	43	22294	24.66	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M13.D Vial: 3
Acq On : 15 Oct 21 15:41 Operator: LP,DG,CH
Sample : 0.5ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
53)	1,2-Dichloropropane	7.00	63	433	0.26	ppb	#	78
54)	Bromodichloromethane	7.31	83	1703	0.55	ppb		76
55)	Methyl Cyclohexane	6.94	83	1104	0.61	ppb		89
56)	Dibromomethane	7.13	93	651	0.48	ppb	#	59
57)	MIBK (methyl isobutyl ket	7.98	43	10443	9.03	ppb	#	85
58)	1-Bromo-2-chloroethane	7.63	144	69	0.19	ppb	#	15
60)	Cis-1,3-Dichloropropene	7.79	75	1364	0.49	ppb	#	83
61)	Toluene	8.12	91	3810	0.47	ppb		85
62)	Trans-1,3-Dichloropropene	8.37	75	1104	0.40	ppb	#	67
63)	1,1,2-TCA	8.55	83	763	0.61	ppb	#	68
64)	2-Hexanone	8.83	43	6286	8.04	ppb	#	75
67)	1,2-EDB	9.03	107	1108	0.60	ppb	#	61
69)	1-Chlorohexane	9.53	91	621	0.45	ppb		86
70)	1,1,1,2-Tetrachloroethane	9.62	131	1274	0.49	ppb		97
71)	m&p-Xylene	9.77	106	3509	0.89	ppb		76
72)	o-Xylene	10.16	106	2198	0.53	ppb		64
73)	Styrene	10.18	104	2988	0.48	ppb		87
75)	1,3-Dichloropropane	8.72	76	1283	0.47	ppb		100
76)	Dibromochloromethane	8.94	129	1320	0.49	ppb		87
77)	Chlorobenzene	9.53	112	2829	0.47	ppb	#	87
78)	Ethylbenzene	9.65	91	4309	0.45	ppb		97
79)	Bromoform	10.35	173	870	0.39	ppb		86
81)	Isopropylbenzene	10.53	105	5427	0.53	ppb		97
82)	1,1,2,2-Tetrachloroethane	10.84	83	1084	0.61	ppb	#	62
83)	1,2,3-Trichloropropane	10.88	110	484	0.55	ppb	#	79
84)	t-1,4-Dichloro-2-Butene	10.91	53	123	0.52	ppb	#	3
85)	Bromobenzene	10.82	156	1801	0.54	ppb		93
86)	n-Propylbenzene	10.95	91	5177	0.51	ppb		100
87)	4-Ethyltoluene	11.06	105	4366	0.47	ppb	#	82
88)	2-Chlorotoluene	11.02	91	4485	0.56	ppb		89
89)	1,3,5-Trimethylbenzene	11.12	105	4437	0.51	ppb		86
90)	4-Chlorotoluene	11.12	91	4154	0.52	ppb		95
91)	Tert-Butylbenzene	11.45	119	2149	0.44	ppb		95
92)	1,2,4-Trimethylbenzene	11.49	105	4168	0.50	ppb		83
93)	Sec-Butylbenzene	11.66	105	4041	0.44	ppb		91
94)	p-Isopropyltoluene	11.81	119	3658	0.41	ppb		95
95)	Benzyl Chloride	12.00	91	1230	0.58	ppb	#	84
96)	1,3-DCB	11.76	146	2804	0.48	ppb	#	85
97)	1,4-DCB	11.85	146	3177	0.53	ppb		93
98)	n-Butylbenzene	12.21	91	2133	1.62	ppb		87
99)	1,2-DCB	12.21	146	2822	0.49	ppb	#	84
100)	Hexachloroethane	12.45	117	701	0.47	ppb	#	51
101)	1,2-Dibromo-3-chloropropan	12.99	75	129	1.25	ppb	#	1
102)	1,2,4-Trichlorobenzene	13.82	180	530	2.38	ppb	#	45
103)	Hexachlorobutadiene	13.99	225	742	1.28	ppb	#	82
104)	Naphthalene	14.05	128	1234	1.27	ppb	#	69
105)	1,2,3-Trichlorobenzene	14.30	180	460	2.71	ppb	#	69

(#) = qualifier out of range (m) = manual integration

Quantitation Report

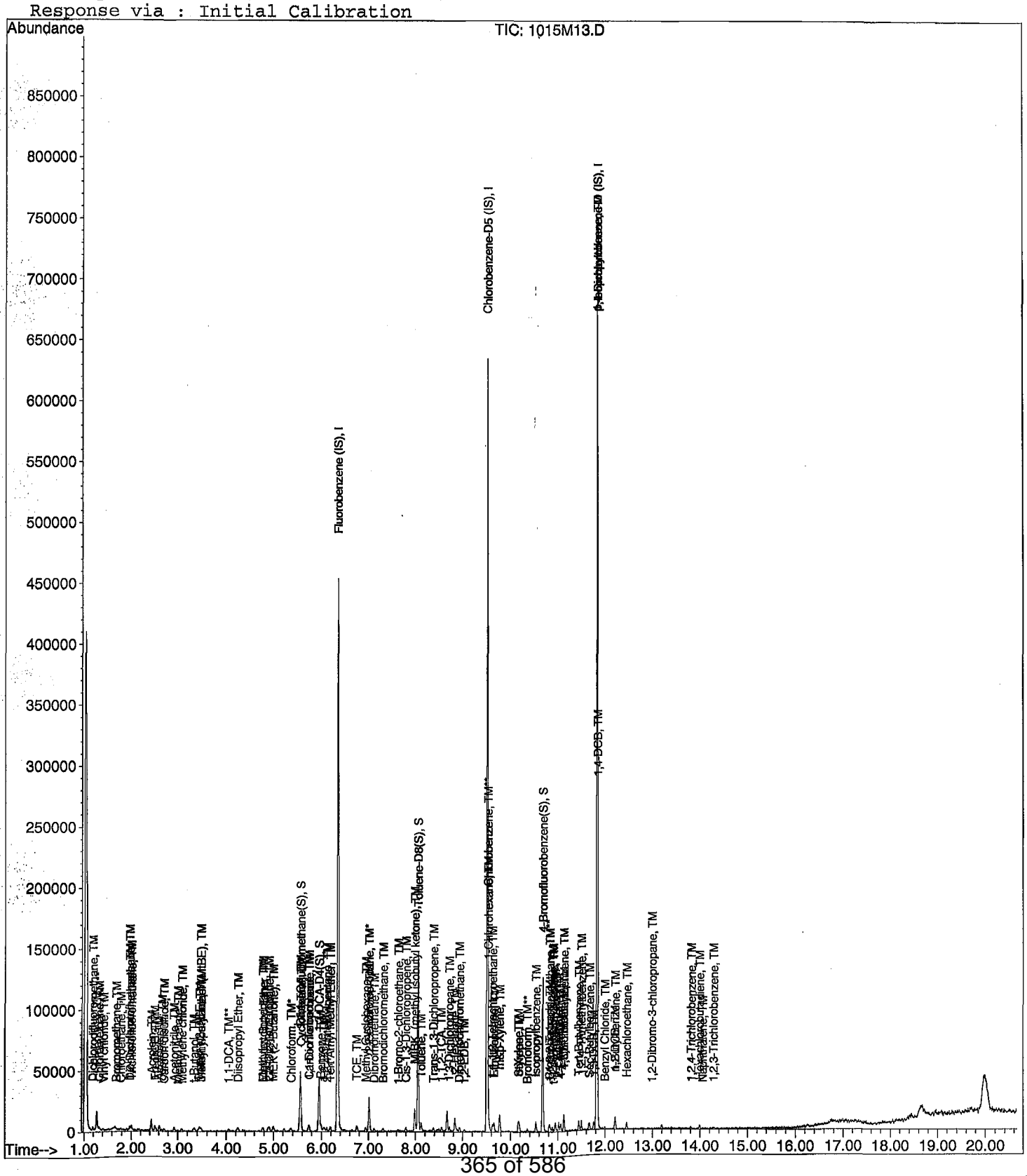
Data File : M:\MAX\DATA\211015\1015M13.D
Acq On : 15 Oct 21 15:41
Sample : 0.5ug/L VOC STD 10/15/21
Misc : IS&S 8/4/21

Vial: 3
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 28 13:29 2021

Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M14.D Vial: 4
Acq On : 15 Oct 21 16:09 Operator: LP,DG,CH
Sample : 1ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.34	96	394605	25.00	ppb		0.00
65) Chlorobenzene-D5 (IS)	9.50	117	355921	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.82	152	218264	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.56	111	47945	9.78	ppb		0.00
Spiked Amount 25.000			Recovery =	39.132%			
46) 1,2-DCA-D4(S)	5.95	65	33328	9.75	ppb		0.00
Spiked Amount 25.000			Recovery =	39.000%			
66) Toluene-D8(S)	8.05	98	157547	9.63	ppb		0.00
Spiked Amount 25.000			Recovery =	38.524%			
74) 4-Bromofluorobenzene(S)	10.68	95	61144	9.25	ppb		0.00
Spiked Amount 25.000			Recovery =	37.016%			
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.19	85	2543	1.08	ppb		91
4) Freon 114	1.29	85	1368	1.03	ppb		78
5) Chloromethane	1.33	50	1636	1.16	ppb		90
6) Vinyl chloride	1.42	62	1546	0.89	ppb	#	78
8) Bromomethane	1.68	94	1565	1.07	ppb		84
9) Chloroethane	1.78	64	2493	3.08	ppb		94
10) Dichlorofluoromethane	1.97	67	4092	1.07	ppb	#	80
11) Trichlorofluoromethane	2.00	101	4558	1.00	ppb		84
13) Acrolein	2.43	56	10691	48.01	ppb		94
14) Acetone	2.61	43	10882	21.15	ppb		89
15) Freon-113	2.53	151	2046	1.10	ppb	#	88
16) Acetonitrile	2.92	41	5855	47.89	ppb	#	94
18) 1,2-Dichlorotrifluoroethan	1.97	67	4092	1.07	ppb		100
19) 1,1-DCE	2.51	61	2994	1.08	ppb	#	89
20) t-Butanol	3.34	59	7682	46.81	ppb		98
21) Methyl Acetate	3.00	43	760	0.88	ppb		87
22) Iodomethane	2.66	142	1392	1.87	ppb	#	86
23) Acrylonitrile	3.43	53	471	0.87	ppb	#	42
25) Methylene chloride	3.08	84	1772	0.99	ppb		86
26) Carbon disulfide	2.72	76	2194	0.98	ppb	#	87
27) Methyl t-butyl ether (MtBE	3.47	73	6302	1.06	ppb		98
28) Trans-1,2-DCE	3.43	96	1741	0.90	ppb		80
29) 3-Methylpentane	3.34	57	1128	0.61	ppb	#	72
31) Diisopropyl Ether	4.25	45	3947	1.06	ppb	#	82
32) 1,1-DCA	4.05	63	3272	1.13	ppb	#	79
34) Ethyl tert Butyl Ether	4.78	59	4498	0.94	ppb	#	61
35) Methylcyclopentane	4.77	56	269	0.09	ppb		100
36) MEK (2-Butanone)	4.99	43	11464	21.31	ppb		86
37) Cis-1,2-DCE	4.92	96	2282	1.07	ppb		75
38) 2,2-Dichloropropane	4.90	77	3468	0.94	ppb	#	85
39) Chloroform	5.36	83	3948	1.05	ppb		89
40) Bromochloromethane	5.23	130	1469	0.48	ppb	#	84
42) 1,1,1-TCA	5.54	97	4273	0.97	ppb	#	84
43) Cyclohexane	5.59	41	1433	1.14	ppb	#	68
44) 1,1-Dichloropropene	5.74	75	2385	1.00	ppb		94
45) 2,2,4-Trimethylpentane	6.11	57	3345	1.08	ppb	#	69
47) Carbon Tetrachloride	5.73	117	4212	1.02	ppb		82
48) Tert Amyl Methyl Ether	6.18	73	4217	0.90	ppb	#	95
49) 1,2-DCA	6.04	62	3756	1.01	ppb	#	81
50) Benzene	6.00	78	6941	1.00	ppb	#	82

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M14.D Vial: 4
Acq On : 15 Oct 21 16:09 Operator: LP,DG,CH
Sample : 1ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.75	95	2471	1.12	ppb		89
52)	2-Pentanone	7.01	43	44308	49.28	ppb		100
53)	1,2-Dichloropropane	7.00	63	811	0.78	ppb	#	45
54)	Bromodichloromethane	7.31	83	2624	0.84	ppb		95
55)	Methyl Cyclohexane	6.94	83	2273	1.10	ppb		76
56)	Dibromomethane	7.12	93	1650	1.22	ppb	#	63
57)	MIBK (methyl isobutyl ket	7.98	43	22869	19.89	ppb		94
58)	1-Bromo-2-chloroethane	7.63	144	263	0.63	ppb	#	15
60)	Cis-1,3-Dichloropropene	7.79	75	2697	0.97	ppb		94
61)	Toluene	8.12	91	7543	0.94	ppb		88
62)	Trans-1,3-Dichloropropene	8.37	75	2660	0.96	ppb		96
63)	1,1,2-TCA	8.56	83	1005	0.81	ppb		84
64)	2-Hexanone	8.83	43	15739	20.24	ppb		97
67)	1,2-EDB	9.03	107	1731	0.92	ppb		84
68)	Tetrachloroethene	8.66	164	3240	0.54	ppb		85
69)	1-Chlorohexane	9.53	91	1541	1.09	ppb		96
70)	1,1,1,2-Tetrachloroethane	9.62	131	2346	0.89	ppb		78
71)	m&p-Xylene	9.77	106	7601	1.89	ppb		79
72)	o-Xylene	10.16	106	4468	1.06	ppb	#	50
73)	Styrene	10.18	104	5452	0.86	ppb		97
75)	1,3-Dichloropropane	8.72	76	2708	0.98	ppb	#	79
76)	Dibromochloromethane	8.93	129	2732	0.99	ppb		84
77)	Chlorobenzene	9.52	112	5459	0.88	ppb		89
78)	Ethylbenzene	9.65	91	9241	0.95	ppb		98
79)	Bromoform	10.35	173	2258	0.98	ppb		98
81)	Isopropylbenzene	10.53	105	9854	0.97	ppb		90
82)	1,1,2,2-Tetrachloroethane	10.84	83	1852	1.06	ppb	#	71
83)	1,2,3-Trichloropropane	10.88	110	827	0.95	ppb		84
84)	t-1,4-Dichloro-2-Butene	10.89	53	653	1.68	ppb	#	37
85)	Bromobenzene	10.81	156	3021	0.91	ppb		97
86)	n-Propylbenzene	10.94	91	9945	0.99	ppb		98
87)	4-Ethyltoluene	11.06	105	8835	0.95	ppb	#	81
88)	2-Chlorotoluene	11.01	91	8170	1.03	ppb		86
89)	1,3,5-Trimethylbenzene	11.13	105	8296	0.96	ppb	#	76
90)	4-Chlorotoluene	11.13	91	7339	0.93	ppb		93
91)	Tert-Butylbenzene	11.44	119	4541	0.95	ppb		91
92)	1,2,4-Trimethylbenzene	11.49	105	7027	0.85	ppb		97
93)	Sec-Butylbenzene	11.66	105	8022	0.87	ppb		99
94)	p-Isopropyltoluene	11.81	119	7761	0.87	ppb		94
95)	Benzyl Chloride	11.99	91	2323	1.11	ppb		92
96)	1,3-DCB	11.76	146	4981	0.86	ppb		94
97)	1,4-DCB	11.84	146	6117	1.04	ppb		86
98)	n-Butylbenzene	12.21	91	3532	1.82	ppb		84
99)	1,2-DCB	12.21	146	5227	0.92	ppb		95
100)	Hexachloroethane	12.46	117	1794	1.21	ppb		73
101)	1,2-Dibromo-3-chloropropan	13.00	75	278	1.52	ppb	#	59
102)	1,2,4-Trichlorobenzene	13.81	180	936	2.52	ppb		88
103)	Hexachlorobutadiene	13.98	225	1596	1.60	ppb		91
104)	Naphthalene	14.06	128	1951	1.43	ppb	#	92
105)	1,2,3-Trichlorobenzene	14.29	180	1103	2.87	ppb	#	74

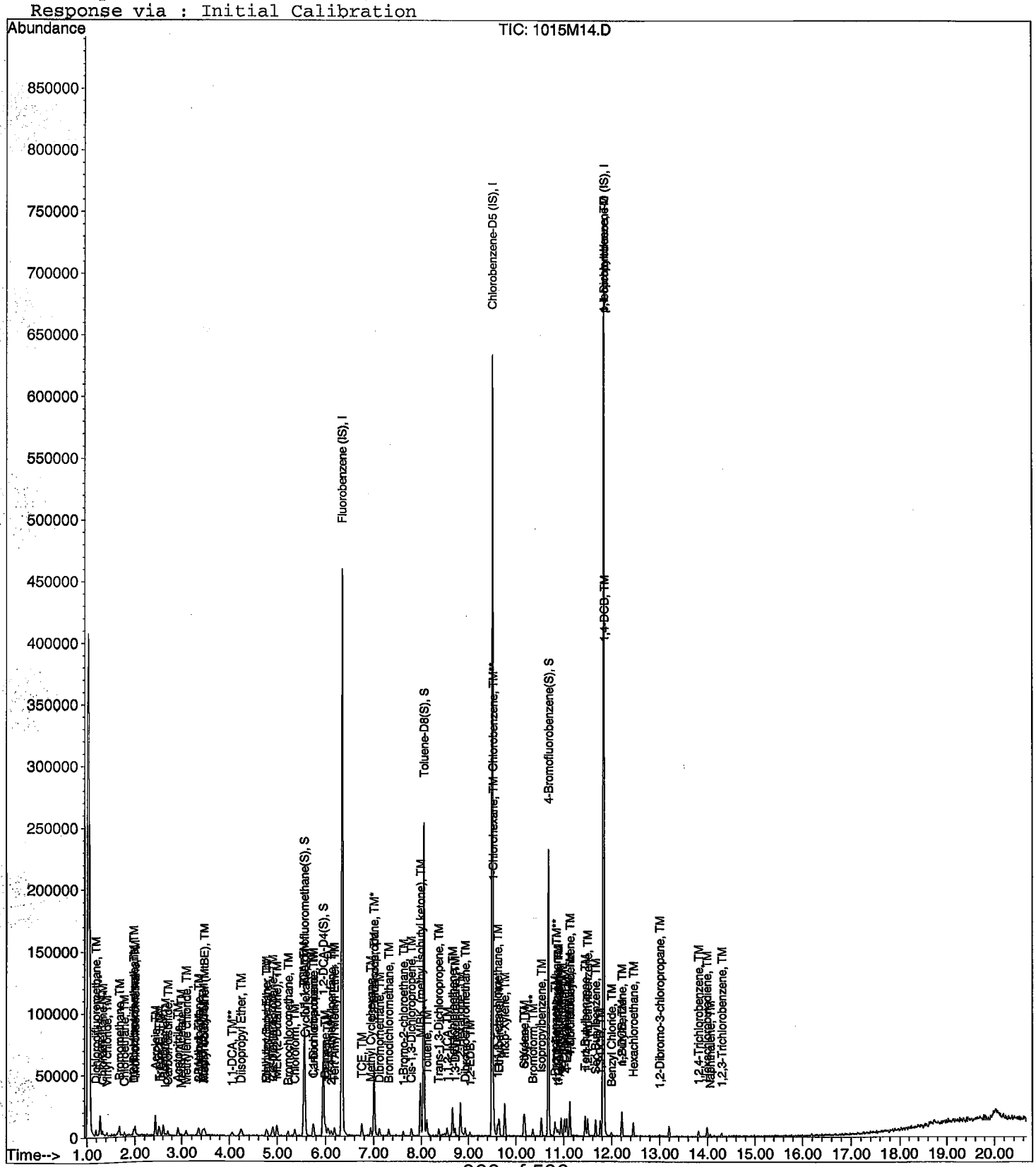
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1015M14.D Vial: 4
Acq On : 15 Oct 21 16:09 Operator: LP,DG,CH
Sample : 1ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M15.D Vial: 5
Acq On : 15 Oct 21 16:38 Operator: LP,DG,CH
Sample : 2ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.34	96	397741	25.00	ppb		0.00
65) Chlorobenzene-D5 (IS)	9.50	117	352458	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.82	152	222724	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.56	111	46784	9.47	ppb		0.00
Spiked Amount 25.000			Recovery	=	37.884%		
46) 1,2-DCA-D4(S)	5.95	65	32664	9.48	ppb		0.00
Spiked Amount 25.000			Recovery	=	37.924%		
66) Toluene-D8(S)	8.05	98	156127	9.64	ppb		0.00
Spiked Amount 25.000			Recovery	=	38.552%		
74) 4-Bromofluorobenzene(S)	10.68	95	61174	9.35	ppb		0.00
Spiked Amount 25.000			Recovery	=	37.400%		
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.18	85	4500	1.89	ppb		98
4) Freon 114	1.29	85	2873	2.15	ppb		80
5) Chloromethane	1.33	50	2712	1.91	ppb	#	86
6) Vinyl chloride	1.42	62	3230	1.84	ppb		92
8) Bromomethane	1.68	94	2697	1.82	ppb		95
9) Chloroethane	1.78	64	1755	2.48	ppb	#	67
10) Dichlorofluoromethane	1.97	67	6925	1.80	ppb		94
11) Trichlorofluoromethane	2.00	101	9973	2.17	ppb		98
13) Acrolein	2.43	56	18305	82.53	ppb		98
14) Acetone	2.61	43	15819	30.50	ppb		94
15) Freon-113	2.52	151	3875	2.07	ppb	#	85
16) Acetonitrile	2.93	41	8400	68.16	ppb		96
18) 1,2-Dichlorotrifluoroethan	1.97	67	6925	1.80	ppb		100
19) 1,1-DCE	2.51	61	5750	2.06	ppb		90
20) t-Butanol	3.34	59	12116	72.91	ppb		99
21) Methyl Acetate	2.99	43	1802	2.07	ppb		91
22) Iodomethane	2.66	142	2280	2.27	ppb	#	85
23) Acrylonitrile	3.43	53	760	1.46	ppb		96
25) Methylene chloride	3.08	84	3477	1.93	ppb		93
26) Carbon disulfide	2.71	76	5106	2.25	ppb		97
27) Methyl t-butyl ether (MtBE	3.46	73	11162	1.86	ppb	#	87
28) Trans-1,2-DCE	3.43	96	3660	1.88	ppb		86
29) 3-Methylpentane	3.47	57	2566	2.10	ppb	#	92
31) Diisopropyl Ether	4.25	45	7913	2.12	ppb	#	71
32) 1,1-DCA	4.06	63	5912	2.03	ppb	#	91
34) Ethyl tert Butyl Ether	4.77	59	9568	1.99	ppb		91
35) Methylcyclopentane	4.78	56	494	1.31	ppb		100
36) MEK (2-Butanone)	4.99	43	16761	30.91	ppb	#	85
37) Cis-1,2-DCE	4.91	96	3543	1.65	ppb		76
38) 2,2-Dichloropropane	4.89	77	6978	1.87	ppb		98
39) Chloroform	5.36	83	7578	2.00	ppb		97
40) Bromochloromethane	5.22	130	3743	1.88	ppb	#	79
42) 1,1,1-TCA	5.54	97	9181	2.07	ppb		92
43) Cyclohexane	5.59	41	2567	2.02	ppb		93
44) 1,1-Dichloropropene	5.75	75	4670	1.94	ppb		98
45) 2,2,4-Trimethylpentane	6.11	57	7204	2.31	ppb	#	50
47) Carbon Tetrachloride	5.73	117	8319	1.99	ppb		82
48) Tert Amyl Methyl Ether	6.18	73	9116	1.92	ppb	#	93
49) 1,2-DCA	6.04	62	7832	2.09	ppb	#	87
50) Benzene	5.99	78	13478	1.93	ppb		94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M15.D Vial: 5
Acq On : 15 Oct 21 16:38 Operator: LP,DG,CH
Sample : 2ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.75	95	4321	1.94	ppb		92
52)	2-Pentanone	7.01	43	68287	75.35	ppb		94
53)	1,2-Dichloropropane	7.01	63	1147	1.21	ppb	#	78
54)	Bromodichloromethane	7.31	83	6459	2.06	ppb		94
55)	Methyl Cyclohexane	6.94	83	5097	2.25	ppb		97
56)	Dibromomethane	7.12	93	2762	2.03	ppb	#	77
57)	MIBK (methyl isobutyl ket	7.98	43	36816	31.76	ppb		97
58)	1-Bromo-2-chloroethane	7.63	144	737	1.71	ppb		75
60)	Cis-1,3-Dichloropropene	7.79	75	6027	2.15	ppb		91
61)	Toluene	8.12	91	15184	1.88	ppb		85
62)	Trans-1,3-Dichloropropene	8.38	75	5713	2.05	ppb		86
63)	1,1,2-TCA	8.54	83	2414	1.93	ppb		93
64)	2-Hexanone	8.83	43	24259	30.95	ppb		97
67)	1,2-EDB	9.03	107	3866	2.08	ppb		83
68)	Tetrachloroethene	8.66	164	4952	1.62	ppb	#	80
69)	1-Chlorohexane	9.53	91	2721	1.95	ppb	#	79
70)	1,1,1,2-Tetrachloroethane	9.62	131	5242	2.00	ppb		90
71)	m&p-Xylene	9.77	106	15266	3.83	ppb		88
72)	o-Xylene	10.16	106	7227	1.73	ppb		97
73)	Styrene	10.18	104	12118	1.93	ppb		99
75)	1,3-Dichloropropane	8.71	76	5024	1.84	ppb		90
76)	Dibromochloromethane	8.93	129	5242	1.92	ppb		94
77)	Chlorobenzene	9.53	112	12976	2.12	ppb		90
78)	Ethylbenzene	9.65	91	18350	1.90	ppb		96
79)	Bromoform	10.35	173	4619	2.03	ppb		87
81)	Isopropylbenzene	10.53	105	18752	1.81	ppb		92
82)	1,1,2,2-Tetrachloroethane	10.84	83	3694	2.07	ppb		93
83)	1,2,3-Trichloropropane	10.87	110	1874	2.10	ppb	#	77
84)	t-1,4-Dichloro-2-Butene	10.90	53	1005	2.41	ppb		98
85)	Bromobenzene	10.81	156	7210	2.12	ppb		90
86)	n-Propylbenzene	10.94	91	19095	1.86	ppb		99
87)	4-Ethyltoluene	11.06	105	18983	2.00	ppb		92
88)	2-Chlorotoluene	11.02	91	16161	1.99	ppb		90
89)	1,3,5-Trimethylbenzene	11.12	105	15423	1.74	ppb		93
90)	4-Chlorotoluene	11.13	91	16663	2.06	ppb		98
91)	Tert-Butylbenzene	11.44	119	8790	1.80	ppb		92
92)	1,2,4-Trimethylbenzene	11.49	105	16313	1.94	ppb		86
93)	Sec-Butylbenzene	11.66	105	18809	2.01	ppb		99
94)	p-Isopropyltoluene	11.81	119	16115	1.78	ppb		90
95)	Benzyl Chloride	12.00	91	4701	2.19	ppb		96
96)	1,3-DCB	11.75	146	10728	1.81	ppb	#	93
97)	1,4-DCB	11.84	146	10390	1.72	ppb	#	80
98)	n-Butylbenzene	12.22	91	8810	2.56	ppb		94
99)	1,2-DCB	12.21	146	11528	1.99	ppb		96
100)	Hexachloroethane	12.45	117	3280	2.16	ppb		90
101)	1,2-Dibromo-3-chloropropan	13.00	75	716	2.29	ppb	#	72
102)	1,2,4-Trichlorobenzene	13.81	180	2131	2.91	ppb	#	84
103)	Hexachlorobutadiene	13.99	225	3819	2.39	ppb		82
104)	Naphthalene	14.05	128	4009	1.87	ppb	#	88
105)	1,2,3-Trichlorobenzene	14.29	180	2322	3.16	ppb		94

(#) = qualifier out of range (m) = manual integration

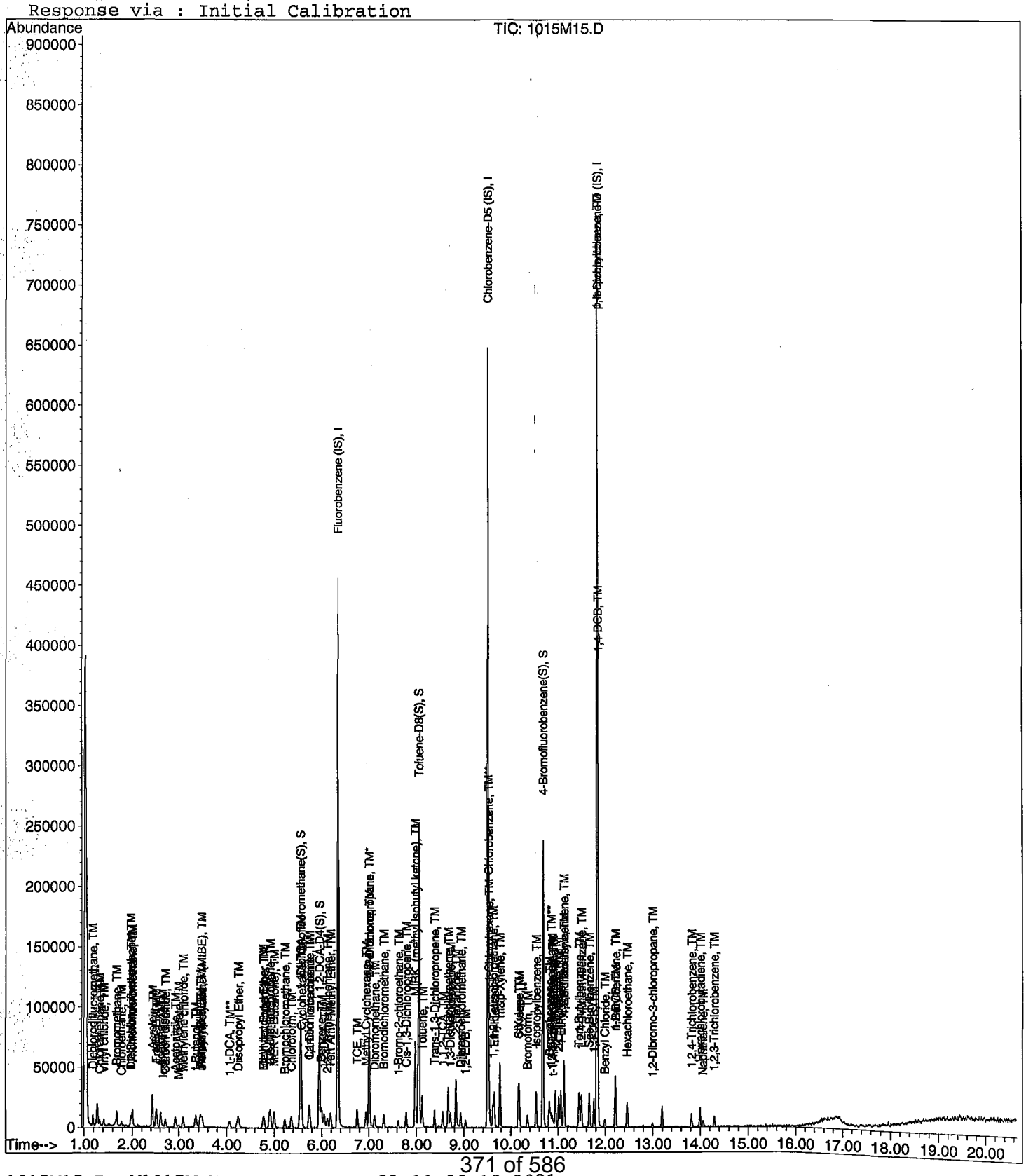
Quantitation Report

Data File : M:\MAX\DATA\211015\1015M15.D
Acq On : 15 Oct 21 16:38
Sample : 2ug/L VOC STD 10/15/21
Misc : IS&S 8/4/21

Vial: 5
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M16.D Vial: 6
Acq On : 15 Oct 21 17:06 Operator: LP,DG,CH
Sample : 5ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.34	96	387411	25.00	ppb		0.00
65) Chlorobenzene-D5 (IS)	9.50	117	344894	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.82	152	232454	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.56	111	118038	24.53	ppb		0.00
Spiked Amount 25.000			Recovery = 98.128%				
46) 1,2-DCA-D4(S)	5.95	65	84056	25.05	ppb		0.00
Spiked Amount 25.000			Recovery = 100.188%				
66) Toluene-D8(S)	8.05	98	389321	24.56	ppb		0.00
Spiked Amount 25.000			Recovery = 98.240%				
74) 4-Bromofluorobenzene(S)	10.68	95	156913	24.51	ppb		0.00
Spiked Amount 25.000			Recovery = 98.036%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.18	85	13541	5.84	ppb		91
4) Freon 114	1.29	85	6948	5.35	ppb		87
5) Chloromethane	1.33	50	7282	5.26	ppb	#	83
6) Vinyl chloride	1.42	62	8698	5.10	ppb		97
8) Bromomethane	1.68	94	7347	5.10	ppb		89
9) Chloroethane	1.77	64	5473	5.51	ppb		90
10) Dichlorofluoromethane	1.97	67	17069	4.56	ppb		93
11) Trichlorofluoromethane	2.00	101	23038	5.15	ppb		98
13) Acrolein	2.43	56	21061	97.41	ppb		97
14) Acetone	2.61	43	19225	38.06	ppb		100
15) Freon-113	2.53	151	8907	4.89	ppb		89
16) Acetonitrile	2.92	41	11772	98.07	ppb		97
18) 1,2-Dichlorotrifluoroethan	1.97	67	17069	4.56	ppb		100
19) 1,1-DCE	2.51	61	13232	4.88	ppb		96
20) t-Butanol	3.34	59	16999	106.74	ppb		95
21) Methyl Acetate	2.99	43	3806	4.48	ppb		89
22) Iodomethane	2.66	142	7587	4.76	ppb		98
23) Acrylonitrile	3.43	53	2612	5.42	ppb		91
25) Methylene chloride	3.08	84	8233	4.70	ppb		88
26) Carbon disulfide	2.72	76	10258	4.65	ppb		98
27) Methyl t-butyl ether (MtBE	3.47	73	28794	4.93	ppb		96
28) Trans-1,2-DCE	3.43	96	9294	4.91	ppb		89
29) 3-Methylpentane	3.46	57	5115	4.90	ppb		91
31) Diisopropyl Ether	4.25	45	19726	5.41	ppb		92
32) 1,1-DCA	4.05	63	14219	5.01	ppb	#	85
34) Ethyl tert Butyl Ether	4.77	59	24023	5.13	ppb		89
35) Methylcyclopentane	4.77	56	1134	5.01	ppb		100
36) MEK (2-Butanone)	4.99	43	20148	38.15	ppb		88
37) Cis-1,2-DCE	4.91	96	10198	4.87	ppb		96
38) 2,2-Dichloropropane	4.89	77	17894	4.92	ppb		98
39) Chloroform	5.37	83	19904	5.40	ppb		99
40) Bromochloromethane	5.22	130	8478	4.96	ppb	#	83
42) 1,1,1-TCA	5.54	97	22632	5.23	ppb		93
43) Cyclohexane	5.58	41	6390	5.17	ppb		76
44) 1,1-Dichloropropene	5.75	75	12969	5.53	ppb		85
45) 2,2,4-Trimethylpentane	6.11	57	14248	4.68	ppb		87
47) Carbon Tetrachloride	5.73	117	21221	5.22	ppb		90
48) Tert Amyl Methyl Ether	6.18	73	23576	5.11	ppb		98
49) 1,2-DCA	6.04	62	18340	5.04	ppb		98
50) Benzene	5.99	78	33663	4.96	ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M16.D Vial: 6
Acq On : 15 Oct 21 17:06 Operator: LP,DG,CH
Sample : 5ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.75	95	9650	4.44	ppb	#	77
52)	2-Pentanone	7.01	43	86889	98.43	ppb		97
53)	1,2-Dichloropropane	7.00	63	3245	4.12	ppb	#	92
54)	Bromodichloromethane	7.31	83	17085	5.60	ppb		90
55)	Methyl Cyclohexane	6.94	83	11773	5.11	ppb		91
56)	Dibromomethane	7.12	93	6546	4.93	ppb		88
57)	MIBK (methyl isobutyl ket	7.98	43	43474	38.51	ppb		98
58)	1-Bromo-2-chloroethane	7.62	144	2479	5.82	ppb		78
60)	Cis-1,3-Dichloropropene	7.79	75	14773	5.41	ppb		90
61)	Toluene	8.12	91	39874	5.08	ppb		96
62)	Trans-1,3-Dichloropropene	8.37	75	14624	5.40	ppb		99
63)	1,1,2-TCA	8.55	83	5668	4.65	ppb		89
64)	2-Hexanone	8.83	43	28901	37.85	ppb	#	97
67)	1,2-EDB	9.03	107	9212	5.06	ppb		93
68)	Tetrachloroethene	8.66	164	9368	4.50	ppb		96
69)	1-Chlorohexane	9.53	91	7028	5.13	ppb		83
70)	1,1,1,2-Tetrachloroethane	9.62	131	14631	5.70	ppb		92
71)	m&p-Xylene	9.77	106	40521	10.39	ppb		97
72)	o-Xylene	10.16	106	19748	4.83	ppb		89
73)	Styrene	10.18	104	31878	5.18	ppb		98
75)	1,3-Dichloropropane	8.71	76	13752	5.14	ppb		98
76)	Dibromochloromethane	8.93	129	13298	4.97	ppb		89
77)	Chlorobenzene	9.53	112	30958	5.18	ppb		96
78)	Ethylbenzene	9.65	91	49016	5.18	ppb		98
79)	Bromoform	10.35	173	10773	4.85	ppb		98
81)	Isopropylbenzene	10.53	105	53902	4.97	ppb		98
82)	1,1,2,2-Tetrachloroethane	10.84	83	8866	4.77	ppb	#	85
83)	1,2,3-Trichloropropane	10.88	110	4864	5.23	ppb	#	73
84)	t-1,4-Dichloro-2-Butene	10.91	53	2090	4.56	ppb		84
85)	Bromobenzene	10.81	156	17611	4.96	ppb		88
86)	n-Propylbenzene	10.94	91	52829	4.93	ppb		95
87)	4-Ethyltoluene	11.06	105	48078	4.86	ppb		92
88)	2-Chlorotoluene	11.01	91	41952	4.94	ppb		89
89)	1,3,5-Trimethylbenzene	11.12	105	46678	5.05	ppb		97
90)	4-Chlorotoluene	11.13	91	41644	4.94	ppb		99
91)	Tert-Butylbenzene	11.44	119	26648	5.22	ppb		93
92)	1,2,4-Trimethylbenzene	11.49	105	45050	5.14	ppb		99
93)	Sec-Butylbenzene	11.66	105	49880	5.10	ppb		98
94)	p-Isopropyltoluene	11.81	119	48782	5.16	ppb		99
95)	Benzyl Chloride	11.99	91	10073	4.50	ppb	#	96
96)	1,3-DCB	11.75	146	31609	5.12	ppb		95
97)	1,4-DCB	11.85	146	29696	4.72	ppb		95
98)	n-Butylbenzene	12.22	91	26294	4.89	ppb		97
99)	1,2-DCB	12.21	146	30601	5.06	ppb		87
100)	Hexachloroethane	12.46	117	7449	4.71	ppb		86
101)	1,2-Dibromo-3-chloropropan	12.99	75	2238	4.82	ppb		84
102)	1,2,4-Trichlorobenzene	13.81	180	7399	4.55	ppb		85
103)	Hexachlorobutadiene	13.99	225	10435	4.63	ppb		92
104)	Naphthalene	14.06	128	14154	3.95	ppb		95
105)	1,2,3-Trichlorobenzene	14.29	180	9443	4.79	ppb		82

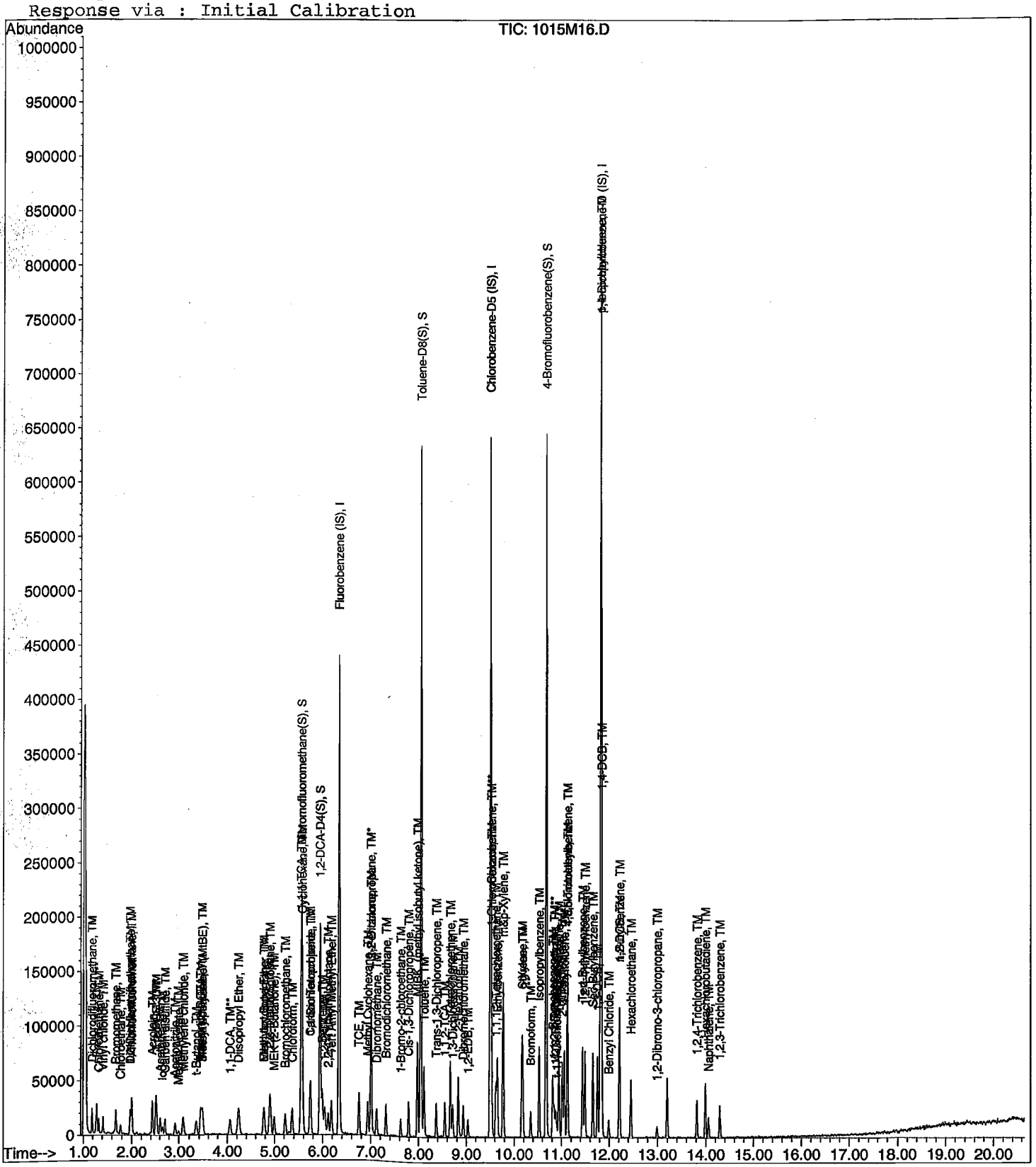
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1015M16.D Vial: 6
Acq On : 15 Oct 21 17:06 Operator: LP,DG,CH
Sample : 5ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M17.D Vial: 7
Acq On : 15 Oct 21 17:35 Operator: LP,DG,CH
Sample : 10ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.34	96	377347	25.00	ppb	0.00
65) Chlorobenzene-D5 (IS)	9.50	117	347072	25.00	ppb	0.00
80) 1,4-Dichlorobenzene-D (IS)	11.82	152	236441	25.00	ppb	0.00
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.56	111	118319	25.25	ppb	0.00
Spiked Amount 25.000			Recovery =	100.988%		
46) 1,2-DCA-D4(S)	5.95	65	79312	24.26	ppb	0.00
Spiked Amount 25.000			Recovery =	97.056%		
66) Toluene-D8(S)	8.05	98	392721	24.62	ppb	0.00
Spiked Amount 25.000			Recovery =	98.476%		
74) 4-Bromofluorobenzene(S)	10.68	95	160324	24.88	ppb	0.00
Spiked Amount 25.000			Recovery =	99.536%		
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.19	85	19568	8.66	ppb	100
4) Freon 114	1.29	85	10651	8.42	ppb	100
5) Chloromethane	1.33	50	13364	9.91	ppb	100
6) Vinyl chloride	1.42	62	16573	9.97	ppb	100
8) Bromomethane	1.68	94	12882	9.17	ppb	100
9) Chloroethane	1.77	64	11250	10.40	ppb	100
10) Dichlorofluoromethane	1.97	67	36430	9.99	ppb	100
11) Trichlorofluoromethane	2.00	101	43493	9.97	ppb	100
13) Acrolein	2.43	56	26701	126.11	ppb	100
14) Acetone	2.61	43	24111	49.01	ppb	100
15) Freon-113	2.53	151	16125	9.09	ppb	100
16) Acetonitrile	2.92	41	13763	117.71	ppb	100
18) 1,2-Dichlorotrifluoroethan	1.97	67	36430	9.99	ppb	100
19) 1,1-DCE	2.51	61	25329	9.59	ppb	100
20) t-Butanol	3.34	59	19181	125.30	ppb	100
21) Methyl Acetate	3.00	43	8263	9.99	ppb	100
22) Iodomethane	2.66	142	17486	9.58	ppb	100
23) Acrylonitrile	3.43	53	4844	10.41	ppb	100
25) Methylene chloride	3.08	84	17432	10.22	ppb	100
26) Carbon disulfide	2.71	76	20960	9.75	ppb	100
27) Methyl t-butyl ether (MtBE	3.47	73	57116	10.04	ppb	100
28) Trans-1,2-DCE	3.43	96	17741	9.63	ppb	100
29) 3-Methylpentane	3.46	57	10024	10.44	ppb	100
31) Diisopropyl Ether	4.24	45	37208	10.49	ppb	100
32) 1,1-DCA	4.05	63	28067	10.16	ppb	100
34) Ethyl tert Butyl Ether	4.77	59	46096	10.11	ppb	100
35) Methylcyclopentane	4.77	56	1948	9.92	ppb	100
36) MEK (2-Butanone)	4.99	43	26957	52.41	ppb	100
37) Cis-1,2-DCE	4.91	96	20531	10.06	ppb	100
38) 2,2-Dichloropropane	4.89	77	37047	10.45	ppb	100
39) Chloroform	5.36	83	41151	11.47	ppb	100
40) Bromochloromethane	5.22	130	15934	9.97	ppb	100
42) 1,1,1-TCA	5.55	97	43737	10.38	ppb	100
43) Cyclohexane	5.58	41	10585	8.78	ppb	100
44) 1,1-Dichloropropene	5.75	75	23149	10.13	ppb	100
45) 2,2,4-Trimethylpentane	6.12	57	25327	8.54	ppb	100
47) Carbon Tetrachloride	5.73	117	40318	10.18	ppb	100
48) Tert Amyl Methyl Ether	6.18	73	47074	10.47	ppb	100
49) 1,2-DCA	6.04	62	36487	10.29	ppb	100
50) Benzene	5.99	78	67135	10.15	ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M17.D Vial: 7
Acq On : 15 Oct 21 17:35 Operator: LP,DG,CH
Sample : 10ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
51)	TCE	6.75	95	21853	10.32	ppb	100
52)	2-Pentanone	7.01	43	108759	126.49	ppb	100
53)	1,2-Dichloropropane	7.00	63	7561	10.30	ppb	100
54)	Bromodichloromethane	7.31	83	30571	10.29	ppb	100
55)	Methyl Cyclohexane	6.94	83	20502	9.01	ppb	100
56)	Dibromomethane	7.12	93	12823	9.92	ppb	100
57)	MIBK (methyl isobutyl ket	7.98	43	56842	51.69	ppb	100
58)	1-Bromo-2-chloroethane	7.62	144	4063	9.78	ppb	100
60)	Cis-1,3-Dichloropropene	7.79	75	27754	10.43	ppb	100
61)	Toluene	8.12	91	82436	10.77	ppb	100
62)	Trans-1,3-Dichloropropene	8.37	75	28083	10.64	ppb	100
63)	1,1,2-TCA	8.55	83	12220	10.30	ppb	100
64)	2-Hexanone	8.83	43	39749	53.45	ppb	100
67)	1,2-EDB	9.03	107	17939	9.80	ppb	100
68)	Tetrachloroethene	8.66	164	16284	8.84	ppb	100
69)	1-Chlorohexane	9.53	91	12452	9.04	ppb	100
70)	1,1,1,2-Tetrachloroethane	9.62	131	28021	10.85	ppb	100
71)	m&p-Xylene	9.77	106	82514	21.03	ppb	100
72)	o-Xylene	10.16	106	40678	9.89	ppb	100
73)	Styrene	10.18	104	66045	10.66	ppb	100
75)	1,3-Dichloropropane	8.71	76	26720	9.92	ppb	100
76)	Dibromochloromethane	8.93	129	26700	9.91	ppb	100
77)	Chlorobenzene	9.53	112	61648	10.25	ppb	100
78)	Ethylbenzene	9.65	91	94727	9.95	ppb	100
79)	Bromoform	10.35	173	22290	9.97	ppb	100
81)	Isopropylbenzene	10.53	105	106456	9.65	ppb	100
82)	1,1,2,2-Tetrachloroethane	10.84	83	18342	9.69	ppb	100
83)	1,2,3-Trichloropropane	10.87	110	9043	9.56	ppb	100
84)	t-1,4-Dichloro-2-Butene	10.90	53	4578	9.52	ppb	100
85)	Bromobenzene	10.81	156	34140	9.46	ppb	100
86)	n-Propylbenzene	10.94	91	111438	10.23	ppb	100
87)	4-Ethyltoluene	11.06	105	102117	10.16	ppb	100
88)	2-Chlorotoluene	11.01	91	87062	10.08	ppb	100
89)	1,3,5-Trimethylbenzene	11.12	105	98343	10.45	ppb	100
90)	4-Chlorotoluene	11.13	91	85815	10.01	ppb	100
91)	Tert-Butylbenzene	11.44	119	53976	10.39	ppb	100
92)	1,2,4-Trimethylbenzene	11.49	105	92332	10.36	ppb	100
93)	Sec-Butylbenzene	11.66	105	104508	10.51	ppb	100
94)	p-Isopropyltoluene	11.81	119	100003	10.41	ppb	100
95)	Benzyl Chloride	11.99	91	20556	9.04	ppb	100
96)	1,3-DCB	11.75	146	62186	9.90	ppb	100
97)	1,4-DCB	11.84	146	61854	9.66	ppb	100
98)	n-Butylbenzene	12.22	91	56499	8.87	ppb	100
99)	1,2-DCB	12.21	146	61844	10.05	ppb	100
100)	Hexachloroethane	12.46	117	14896	9.25	ppb	100
101)	1,2-Dibromo-3-chloropropan	12.99	75	5285	9.84	ppb	100
102)	1,2,4-Trichlorobenzene	13.81	180	18752	8.06	ppb	100
103)	Hexachlorobutadiene	13.99	225	23952	9.19	ppb	100
104)	Naphthalene	14.05	128	39199	8.86	ppb	100
105)	1,2,3-Trichlorobenzene	14.30	180	23602	7.99	ppb	100

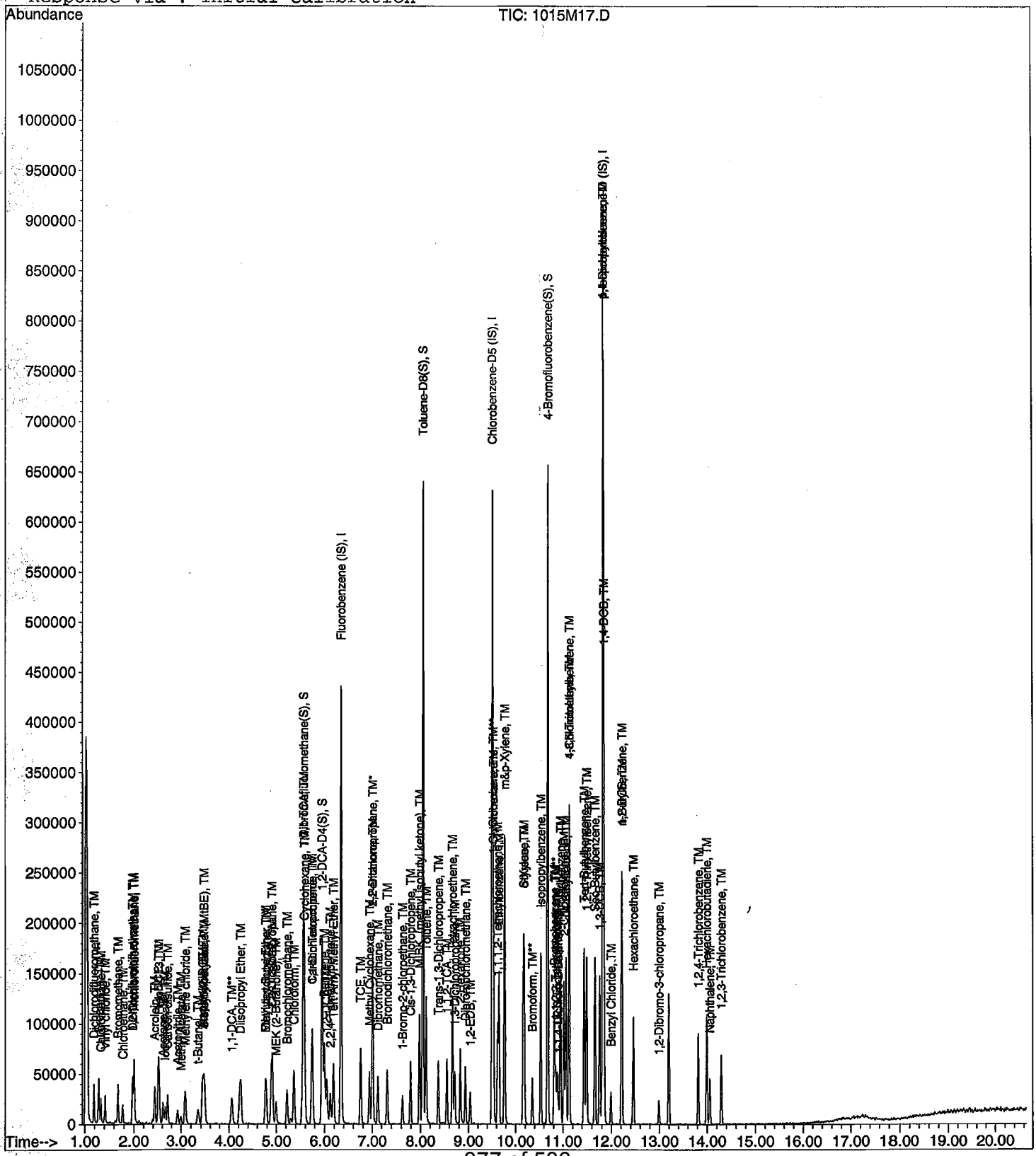
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1015M17.D Vial: 7
Acq On : 15 Oct 21 17:35 Operator: LP,DG,CH
Sample : 10ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M18.D Vial: 8
Acq On : 15 Oct 21 18:03 Operator: LP,DG,CH
Sample : 20ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.34	96	395871	25.00	ppb		0.00
65) Chlorobenzene-D5 (IS)	9.50	117	351611	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.82	152	235162	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.56	111	236514	48.11	ppb		0.00
Spiked Amount 25.000			Recovery = 192.424%				
46) 1,2-DCA-D4(S)	5.95	65	166400	48.52	ppb		0.00
Spiked Amount 25.000			Recovery = 194.100%				
66) Toluene-D8(S)	8.05	98	780890	48.32	ppb		0.00
Spiked Amount 25.000			Recovery = 193.280%				
74) 4-Bromofluorobenzene(S)	10.68	95	327466	50.17	ppb		0.00
Spiked Amount 25.000			Recovery = 200.684%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.18	85	43432	18.32	ppb		97
4) Freon 114	1.29	85	29061	21.89	ppb		81
5) Chloromethane	1.33	50	25172	17.80	ppb		98
6) Vinyl chloride	1.42	62	33428	19.17	ppb		95
8) Bromomethane	1.68	94	25141	17.06	ppb		95
9) Chloroethane	1.77	64	20310	17.10	ppb		99
10) Dichlorofluoromethane	1.97	67	69254	18.10	ppb		99
11) Trichlorofluoromethane	2.00	101	90422	19.77	ppb		91
13) Acrolein	2.44	56	32051	143.61	ppb		99
14) Acetone	2.61	43	29127	56.43	ppb		99
15) Freon-113	2.53	151	37209	19.99	ppb		94
16) Acetonitrile	2.93	41	18046	147.12	ppb		93
18) 1,2-Dichlorotrifluoroethan	1.97	67	69254	18.10	ppb		100
19) 1,1-DCE	2.51	61	53746	19.39	ppb		97
20) t-Butanol	3.34	59	23282	147.60	ppb		92
21) Methyl Acetate	2.99	43	16974	19.56	ppb		100
22) Iodomethane	2.66	142	35780	17.50	ppb		93
23) Acrylonitrile	3.43	53	10005	20.60	ppb	#	84
25) Methylene chloride	3.08	84	34285	19.16	ppb		94
26) Carbon disulfide	2.71	76	44096	19.56	ppb		97
27) Methyl t-butyl ether (MtBE	3.47	73	114470	19.18	ppb		100
28) Trans-1,2-DCE	3.43	96	38698	20.02	ppb		94
29) 3-Methylpentane	3.47	57	21607	22.04	ppb		96
31) Diisopropyl Ether	4.24	45	74704	20.07	ppb		96
32) 1,1-DCA	4.06	63	59120	20.39	ppb		98
34) Ethyl tert Butyl Ether	4.77	59	95539	19.97	ppb		95
35) Methylcyclopentane	4.77	56	3929	20.37	ppb	#	100
36) MEK (2-Butanone)	4.99	43	30811	57.10	ppb	#	91
37) Cis-1,2-DCE	4.91	96	40102	18.73	ppb		94
38) 2,2-Dichloropropane	4.89	77	73086	19.65	ppb		99
39) Chloroform	5.36	83	81653	21.69	ppb		100
40) Bromochloromethane	5.22	130	33221	20.25	ppb		93
42) 1,1,1-TCA	5.54	97	93844	21.23	ppb		95
43) Cyclohexane	5.58	41	24494	19.38	ppb		85
44) 1,1-Dichloropropene	5.75	75	49132	20.49	ppb		93
45) 2,2,4-Trimethylpentane	6.12	57	57952	18.64	ppb	#	81
47) Carbon Tetrachloride	5.73	117	81738	19.66	ppb		94
48) Tert Amyl Methyl Ether	6.18	73	93531	19.83	ppb		97
49) 1,2-DCA	6.04	62	73123	19.65	ppb		97
50) Benzene	5.99	78	134429	19.36	ppb		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M18.D Vial: 8
Acq On : 15 Oct 21 18:03 Operator: LP,DG,CH
Sample : 20ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.75	95	41884	18.85	ppb		85
52)	2-Pentanone	7.01	43	131778	146.09	ppb		97
53)	1,2-Dichloropropane	7.00	63	15331	20.20	ppb		99
54)	Bromodichloromethane	7.31	83	63530	20.39	ppb		94
55)	Methyl Cyclohexane	6.94	83	47883	19.88	ppb		99
56)	Dibromomethane	7.12	93	24263	17.90	ppb		99
57)	MIBK (methyl isobutyl ket	7.98	43	66896	57.99	ppb		96
58)	1-Bromo-2-chloroethane	7.62	144	8668	19.85	ppb		82
60)	Cis-1,3-Dichloropropene	7.79	75	58299	20.88	ppb		92
61)	Toluene	8.12	91	158484	19.74	ppb		98
62)	Trans-1,3-Dichloropropene	8.37	75	58054	20.97	ppb		99
63)	1,1,2-TCA	8.55	83	23159	18.61	ppb		98
64)	2-Hexanone	8.83	43	48162	61.73	ppb		96
67)	1,2-EDB	9.03	107	37727	20.34	ppb		91
68)	Tetrachloroethene	8.66	164	37992	22.27	ppb	#	77
69)	1-Chlorohexane	9.53	91	27928	20.01	ppb		92
70)	1,1,1,2-Tetrachloroethane	9.62	131	54825	20.96	ppb		97
71)	m&p-Xylene	9.77	106	168462	42.38	ppb		94
72)	o-Xylene	10.16	106	80768	19.38	ppb		96
73)	Styrene	10.18	104	132105	21.05	ppb		100
75)	1,3-Dichloropropane	8.71	76	51570	18.91	ppb	#	81
76)	Dibromochloromethane	8.93	129	55342	20.28	ppb		97
77)	Chlorobenzene	9.53	112	123674	20.29	ppb		95
78)	Ethylbenzene	9.65	91	190505	19.75	ppb		99
79)	Bromoform	10.35	173	46086	20.34	ppb		91
81)	Isopropylbenzene	10.53	105	215921	19.69	ppb		96
82)	1,1,2,2-Tetrachloroethane	10.84	83	34580	18.37	ppb		93
83)	1,2,3-Trichloropropane	10.88	110	18655	19.83	ppb		93
84)	t-1,4-Dichloro-2-Butene	10.90	53	9193	18.97	ppb		76
85)	Bromobenzene	10.81	156	72807	20.28	ppb		87
86)	n-Propylbenzene	10.94	91	218212	20.15	ppb		98
87)	4-Ethyltoluene	11.06	105	204272	20.42	ppb		94
88)	2-Chlorotoluene	11.01	91	166317	19.37	ppb		92
89)	1,3,5-Trimethylbenzene	11.12	105	188460	20.14	ppb		96
90)	4-Chlorotoluene	11.13	91	169578	19.88	ppb		99
91)	Tert-Butylbenzene	11.44	119	113528	21.98	ppb		98
92)	1,2,4-Trimethylbenzene	11.49	105	194704	21.96	ppb		97
93)	Sec-Butylbenzene	11.66	105	210964	21.34	ppb		99
94)	p-Isopropyltoluene	11.81	119	210376	22.01	ppb		98
95)	Benzyl Chloride	11.99	91	42029	18.57	ppb		97
96)	1,3-DCB	11.75	146	126212	20.19	ppb		98
97)	1,4-DCB	11.84	146	125705	19.75	ppb		96
98)	n-Butylbenzene	12.22	91	128982	18.67	ppb		95
99)	1,2-DCB	12.21	146	124816	20.40	ppb		98
100)	Hexachloroethane	12.46	117	30628	19.12	ppb		94
101)	1,2-Dibromo-3-chloropropan	12.99	75	10893	19.31	ppb	#	81
102)	1,2,4-Trichlorobenzene	13.81	180	49784	17.83	ppb		88
103)	Hexachlorobutadiene	13.99	225	53060	19.23	ppb		97
104)	Naphthalene	14.05	128	96821	19.57	ppb		99
105)	1,2,3-Trichlorobenzene	14.30	180	62906	17.04	ppb		86

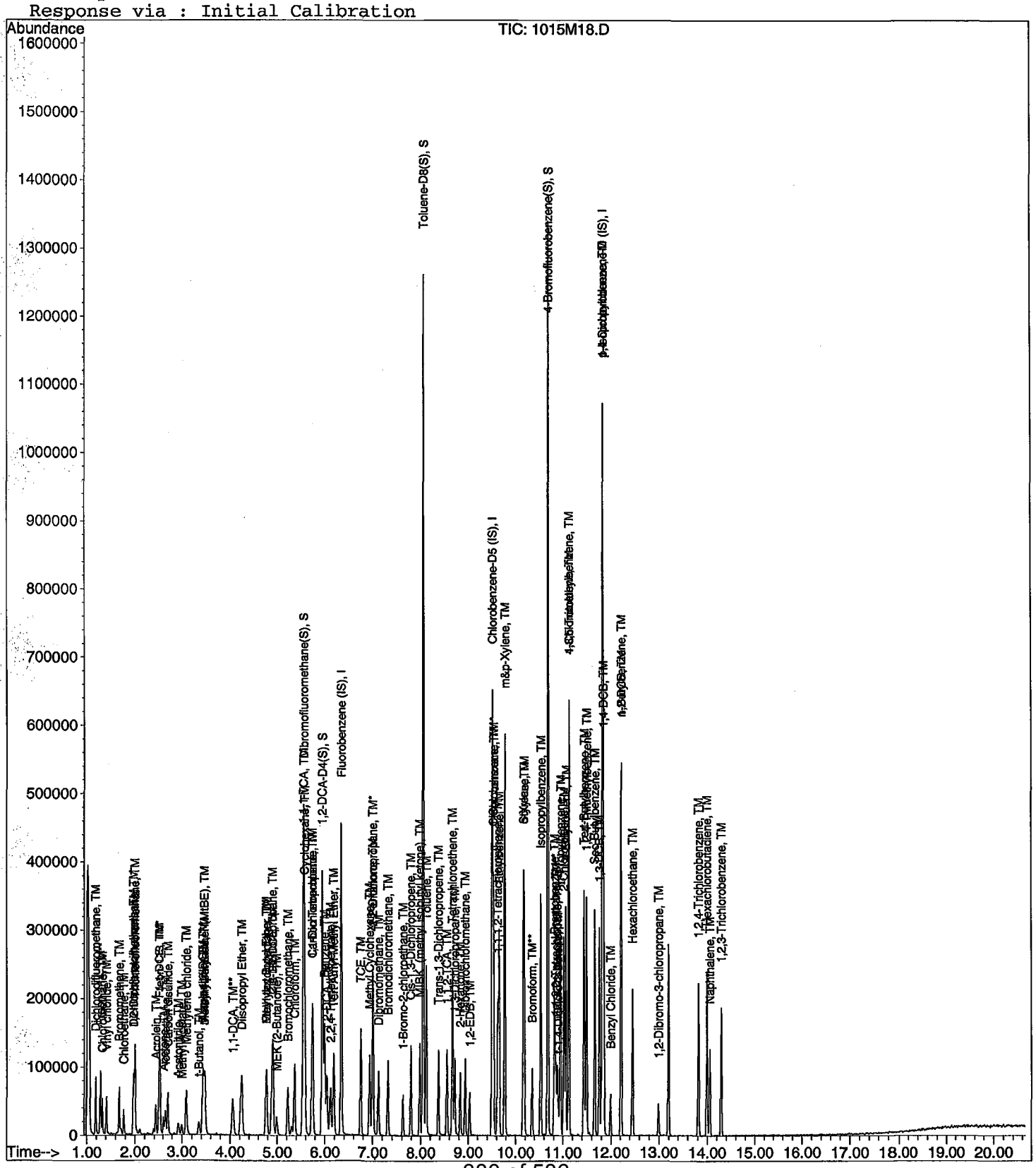
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1015M18.D Vial: 8
Acq On : 15 Oct 21 18:03 Operator: LP,DG,CH
Sample : 20ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M19.D Vial: 9
Acq On : 15 Oct 21 18:31 Operator: LP,DG,CH
Sample : 40ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.34	96	394795	25.00	ppb		0.00
65) Chlorobenzene-D5 (IS)	9.50	117	356570	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.82	152	246902	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.56	111	238087	48.56	ppb		0.00
Spiked Amount 25.000			Recovery =	194.228%			
46) 1,2-DCA-D4(S)	5.95	65	166336	48.64	ppb		0.00
Spiked Amount 25.000			Recovery =	194.556%			
66) Toluene-D8(S)	8.05	98	788816	48.13	ppb		0.00
Spiked Amount 25.000			Recovery =	192.528%			
74) 4-Bromofluorobenzene(S)	10.68	95	335059	50.62	ppb		0.00
Spiked Amount 25.000			Recovery =	202.480%			
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.18	85	95360	40.34	ppb		100
4) Freon 114	1.29	85	57360	43.32	ppb		83
5) Chloromethane	1.33	50	56542	40.09	ppb		94
6) Vinyl chloride	1.42	62	70630	40.62	ppb		92
8) Bromomethane	1.68	94	51410	34.99	ppb		91
9) Chloroethane	1.77	64	42072	34.32	ppb		97
10) Dichlorofluoromethane	1.97	67	141160	37.00	ppb		99
11) Trichlorofluoromethane	2.00	101	187948	41.20	ppb		98
13) Acrolein	2.43	56	40051	178.01	ppb		88
14) Acetone	2.62	43	39041	75.85	ppb		98
15) Freon-113	2.52	151	70973	38.23	ppb		97
16) Acetonitrile	2.93	41	22065	180.38	ppb		88
18) 1,2-Dichlorotrifluoroethan	1.97	67	141160	37.00	ppb		100
19) 1,1-DCE	2.50	61	104417	37.77	ppb		96
20) t-Butanol	3.35	59	36678	260.52	ppb		96
21) Methyl Acetate	2.99	43	34963	40.41	ppb		95
22) Iodomethane	2.66	142	81874	38.55	ppb		95
23) Acrylonitrile	3.43	53	19528	40.43	ppb	#	80
25) Methylene chloride	3.08	84	68587	38.43	ppb		97
26) Carbon disulfide	2.71	76	86056	38.27	ppb		99
27) Methyl t-butyl ether (MtBE	3.47	73	239816	40.29	ppb		94
28) Trans-1,2-DCE	3.43	96	72205	37.46	ppb		95
29) 3-Methylpentane	3.47	57	37452	38.73	ppb		88
31) Diisopropyl Ether	4.24	45	152386	41.05	ppb		95
32) 1,1-DCA	4.06	63	116415	40.27	ppb	#	94
34) Ethyl tert Butyl Ether	4.77	59	199919	41.91	ppb		94
35) Methylcyclopentane	4.77	56	8348	44.98	ppb		100
36) MEK (2-Butanone)	4.99	43	43256	80.38	ppb		88
37) Cis-1,2-DCE	4.91	96	82880	38.82	ppb		92
38) 2,2-Dichloropropane	4.89	77	141607	38.18	ppb		99
39) Chloroform	5.36	83	160419	42.74	ppb		94
40) Bromochloromethane	5.22	130	68479	42.32	ppb		94
42) 1,1,1-TCA	5.54	97	182393	41.38	ppb		98
43) Cyclohexane	5.58	41	48312	38.32	ppb		90
44) 1,1-Dichloropropene	5.75	75	94511	39.52	ppb		97
45) 2,2,4-Trimethylpentane	6.12	57	121452	39.16	ppb	#	86
47) Carbon Tetrachloride	5.74	117	166925	40.27	ppb		98
48) Tert Amyl Methyl Ether	6.18	73	194157	41.28	ppb		97
49) 1,2-DCA	6.04	62	153949	41.48	ppb		100
50) Benzene	5.99	78	269561	38.94	ppb		99

(#) = qualifier out of range (m) = manual integration

Data File : M:\MAX\DATA\211015\1015M19.D Vial: 9
Acq On : 15 Oct 21 18:31 Operator: LP,DG,CH
Sample : 40ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
51)	TCE	6.75	95	85080	38.39	ppb	85
52)	2-Pentanone	7.01	43	159478	177.28	ppb	99
53)	1,2-Dichloropropane	7.00	63	32440	43.22	ppb	96
54)	Bromodichloromethane	7.31	83	132884	42.76	ppb	99
55)	Methyl Cyclohexane	6.94	83	97260	40.32	ppb	100
56)	Dibromomethane	7.12	93	50236	37.15	ppb	93
57)	MIBK (methyl isobutyl ket	7.98	43	93060	80.89	ppb	97
58)	1-Bromo-2-chloroethane	7.62	144	17760	40.74	ppb	98
60)	Cis-1,3-Dichloropropene	7.79	75	117498	42.20	ppb	96
61)	Toluene	8.12	91	319786	39.94	ppb	99
62)	Trans-1,3-Dichloropropene	8.37	75	122778	44.46	ppb	99
63)	1,1,2-TCA	8.55	83	47558	38.32	ppb	94
64)	2-Hexanone	8.83	43	66653	85.67	ppb	94
67)	1,2-EDB	9.03	107	74115	39.39	ppb	95
68)	Tetrachloroethene	8.66	164	70304	41.85	ppb	81
69)	1-Chlorohexane	9.53	91	54312	38.38	ppb	96
70)	1,1,1,2-Tetrachloroethane	9.62	131	111805	42.15	ppb	92
71)	m&p-Xylene	9.77	106	333019	82.62	ppb	100
72)	o-Xylene	10.16	106	167690	39.67	ppb	100
73)	Styrene	10.18	104	270125	42.44	ppb	99
75)	1,3-Dichloropropane	8.71	76	106532	38.51	ppb	88
76)	Dibromochloromethane	8.93	129	113393	40.97	ppb	99
77)	Chlorobenzene	9.53	112	247111	39.98	ppb	96
78)	Ethylbenzene	9.65	91	393606	40.23	ppb	98
79)	Bromoform	10.35	173	96934	42.19	ppb	94
81)	Isopropylbenzene	10.53	105	436071	37.87	ppb	98
82)	1,1,2,2-Tetrachloroethane	10.84	83	72110	36.49	ppb	91
83)	1,2,3-Trichloropropane	10.88	110	37233	37.69	ppb	94
84)	t-1,4-Dichloro-2-Butene	10.90	53	20351	39.73	ppb	74
85)	Bromobenzene	10.81	156	144680	38.39	ppb	93
86)	n-Propylbenzene	10.94	91	452586	39.80	ppb	99
87)	4-Ethyltoluene	11.06	105	417221	39.73	ppb	95
88)	2-Chlorotoluene	11.01	91	340873	37.81	ppb	88
89)	1,3,5-Trimethylbenzene	11.12	105	382964	38.98	ppb	97
90)	4-Chlorotoluene	11.13	91	343947	38.41	ppb	99
91)	Tert-Butylbenzene	11.44	119	234880	43.30	ppb	98
92)	1,2,4-Trimethylbenzene	11.49	105	396710	42.62	ppb	99
93)	Sec-Butylbenzene	11.66	105	437165	42.12	ppb	99
94)	p-Isopropyltoluene	11.81	119	441578	44.01	ppb	98
95)	Benzyl Chloride	11.99	91	88019	37.05	ppb	99
96)	1,3-DCB	11.75	146	262502	40.00	ppb	98
97)	1,4-DCB	11.84	146	255429	38.22	ppb	96
98)	n-Butylbenzene	12.22	91	282853	37.56	ppb	98
99)	1,2-DCB	12.21	146	253718	39.50	ppb	99
100)	Hexachloroethane	12.46	117	65707	39.08	ppb	99
101)	1,2-Dibromo-3-chloropropan	12.99	75	22876	37.60	ppb	91
102)	1,2,4-Trichlorobenzene	13.81	180	113144	36.03	ppb	94
103)	Hexachlorobutadiene	13.99	225	114209	38.36	ppb	98
104)	Naphthalene	14.05	128	238304	40.71	ppb	99
105)	1,2,3-Trichlorobenzene	14.30	180	146469	34.63	ppb	90

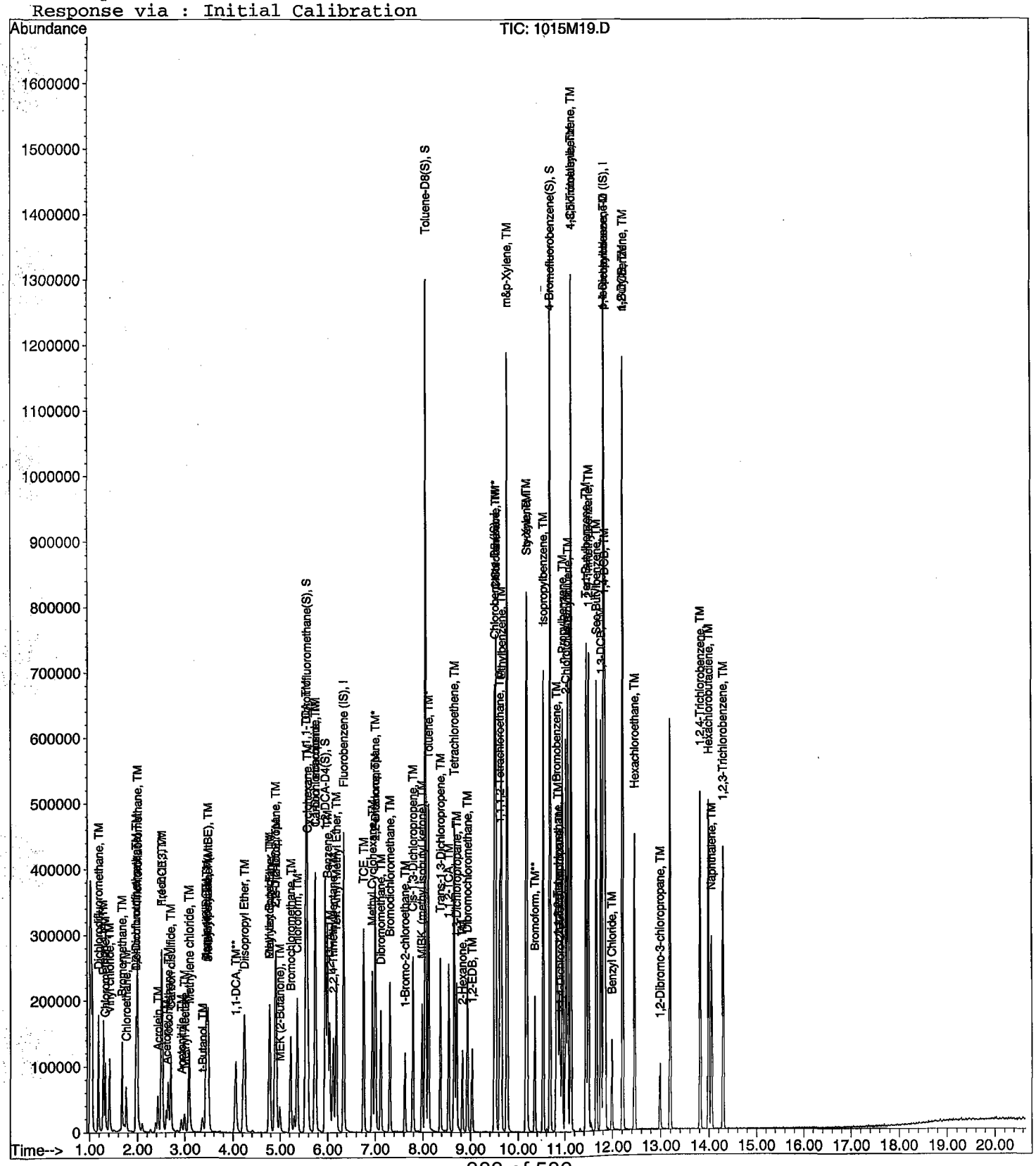
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1015M19.D Vial: 9
Acq On : 15 Oct 21 18:31 Operator: LP,DG,CH
Sample : 40ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M20.D
Acq On : 15 Oct 21 19:00
Sample : 100ug/L VOC STD 10/15/21
Misc : IS&S 8/4/21

Vial: 10
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.34	96	386789	25.00	ppb		0.00
65) Chlorobenzene-D5 (IS)	9.50	117	357810	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.82	152	248989	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.56	111	442755	92.17	ppb		0.00
Spiked Amount 25.000			Recovery = 368.672%				
46) 1,2-DCA-D4(S)	5.95	65	315456	94.15	ppb		0.00
Spiked Amount 25.000			Recovery = 376.608%				
66) Toluene-D8(S)	8.05	98	1486255	90.37	ppb		0.00
Spiked Amount 25.000			Recovery = 361.492%				
74) 4-Bromofluorobenzene(S)	10.68	95	657746	99.03	ppb		0.00
Spiked Amount 25.000			Recovery = 396.104%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.18	85	234560	101.28	ppb		99
4) Freon 114	1.29	85	146791	113.15	ppb		80
5) Chloromethane	1.33	50	143008	103.50	ppb		97
6) Vinyl chloride	1.42	62	168822	99.09	ppb		98
8) Bromomethane	1.68	94	135974	94.45	ppb		93
9) Chloroethane	1.76	64	126156	102.75	ppb		97
10) Dichlorofluoromethane	1.96	67	347423	92.95	ppb		100
11) Trichlorofluoromethane	1.99	101	454942	101.78	ppb		94
13) Acrolein	2.44	56	44550	200.53	ppb		88
14) Acetone	2.62	43	47910	95.00	ppb		94
15) Freon-113	2.52	151	175591	96.53	ppb		89
16) Acetonitrile	2.94	41	23864	199.12	ppb		91
18) 1,2-Dichlorotrifluoroethan	1.96	67	347584	92.99	ppb	#	100
19) 1,1-DCE	2.50	61	262927	97.07	ppb		95
20) t-Butanol	3.37	59	50833	524.59	ppb		99
21) Methyl Acetate	3.00	43	84654	99.95	ppb		85
22) Iodomethane	2.65	142	214716	101.11	ppb		98
23) Acrylonitrile	3.44	53	47089	99.66	ppb		93
25) Methylene chloride	3.08	84	160180	91.62	ppb		95
26) Carbon disulfide	2.71	76	194560	88.31	ppb		97
27) Methyl t-butyl ether (MtBE	3.47	73	555224	95.20	ppb		93
28) Trans-1,2-DCE	3.42	96	182546	96.67	ppb		100
29) 3-Methylpentane	3.47	57	93951	100.07	ppb		89
31) Diisopropyl Ether	4.24	45	370710	101.93	ppb		97
32) 1,1-DCA	4.06	63	285289	100.72	ppb	#	93
34) Ethyl tert Butyl Ether	4.77	59	459729	98.36	ppb		97
35) Methylcyclopentane	4.77	56	17519	97.97	ppb	#	100
36) MEK (2-Butanone)	4.99	43	53511	101.49	ppb		90
37) Cis-1,2-DCE	4.91	96	197796	94.56	ppb		94
38) 2,2-Dichloropropane	4.89	77	346511	95.36	ppb		100
39) Chloroform	5.36	83	390282	106.13	ppb		94
40) Bromochloromethane	5.22	130	156085	99.04	ppb	#	88
42) 1,1,1-TCA	5.54	97	433213	100.32	ppb		97
43) Cyclohexane	5.58	41	121867	98.67	ppb		90
44) 1,1-Dichloropropene	5.75	75	231228	98.70	ppb		95
45) 2,2,4-Trimethylpentane	6.12	57	302605	99.60	ppb		87
47) Carbon Tetrachloride	5.74	117	411487	101.32	ppb		95
48) Tert Amyl Methyl Ether	6.18	73	450960	97.87	ppb		97
49) 1,2-DCA	6.04	62	367370	101.03	ppb		98
50) Benzene	5.99	78	649591	95.77	ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M20.D Vial: 10
Acq On : 15 Oct 21 19:00 Operator: LP,DG,CH
Sample : 100ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.75	95	206061	94.90	ppb		84
52)	2-Pentanone	7.01	43	179595	203.78	ppb		99
53)	1,2-Dichloropropane	7.00	63	72296	98.71	ppb		96
54)	Bromodichloromethane	7.31	83	317248	104.20	ppb		100
55)	Methyl Cyclohexane	6.94	83	236830	99.98	ppb		93
56)	Dibromomethane	7.12	93	119549	90.25	ppb		95
57)	MIBK (methyl isobutyl ket	7.98	43	114125	101.25	ppb		98
58)	1-Bromo-2-chloroethane	7.62	144	42608	99.73	ppb		91
60)	Cis-1,3-Dichloropropene	7.79	75	293076	107.43	ppb		94
61)	Toluene	8.12	91	786013	100.21	ppb		96
62)	Trans-1,3-Dichloropropene	8.37	75	301333	111.39	ppb		100
63)	1,1,2-TCA	8.55	83	116902	96.14	ppb		93
64)	2-Hexanone	8.83	43	83212	109.16	ppb	#	92
67)	1,2-EDB	9.03	107	187298	99.21	ppb		98
68)	Tetrachloroethene	8.66	164	163584	98.96	ppb		86
69)	1-Chlorohexane	9.53	91	140232	98.74	ppb		96
70)	1,1,1,2-Tetrachloroethane	9.62	131	281249	105.66	ppb		97
71)	m&p-Xylene	9.77	106	823233	203.52	ppb		98
72)	o-Xylene	10.16	106	418928	98.75	ppb		98
73)	Styrene	10.18	104	692047	108.35	ppb		98
75)	1,3-Dichloropropane	8.71	76	259322	93.42	ppb		91
76)	Dibromochloromethane	8.93	129	278663	100.33	ppb		98
77)	Chlorobenzene	9.53	112	618681	99.74	ppb		96
78)	Ethylbenzene	9.65	91	972119	99.02	ppb		100
79)	Bromoform	10.35	173	247112	107.17	ppb		95
81)	Isopropylbenzene	10.54	105	1132302	97.52	ppb		98
82)	1,1,2,2-Tetrachloroethane	10.85	83	183360	92.02	ppb		93
83)	1,2,3-Trichloropropane	10.88	110	96387	96.76	ppb		94
84)	t-1,4-Dichloro-2-Butene	10.90	53	52050	100.37	ppb		80
85)	Bromobenzene	10.81	156	374456	98.52	ppb		91
86)	n-Propylbenzene	10.94	91	1150904	100.36	ppb		100
87)	4-Ethyltoluene	11.06	105	1068018	100.86	ppb		94
88)	2-Chlorotoluene	11.02	91	751088	82.61	ppb		92
89)	1,3,5-Trimethylbenzene	11.12	105	1000113	100.95	ppb		99
90)	4-Chlorotoluene	11.13	91	881242	97.58	ppb		99
91)	Tert-Butylbenzene	11.44	119	615168	112.46	ppb		97
92)	1,2,4-Trimethylbenzene	11.49	105	1027302	109.44	ppb		98
93)	Sec-Butylbenzene	11.66	105	1145861	109.47	ppb		100
94)	p-Isopropyltoluene	11.81	119	1156691	114.31	ppb		99
95)	Benzyl Chloride	11.99	91	250447	104.54	ppb		97
96)	1,3-DCB	11.75	146	675841	102.13	ppb		99
97)	1,4-DCB	11.85	146	672085	99.72	ppb		98
98)	n-Butylbenzene	12.22	91	786990	101.33	ppb		97
99)	1,2-DCB	12.21	146	677640	104.61	ppb		98
100)	Hexachloroethane	12.46	117	181188	106.85	ppb		98
101)	1,2-Dibromo-3-chloropropan	12.99	75	63114	101.11	ppb		93
102)	1,2,4-Trichlorobenzene	13.81	180	337280	102.19	ppb		90
103)	Hexachlorobutadiene	13.99	225	307962	100.89	ppb		97
104)	Naphthalene	14.06	128	746536	99.94	ppb		97
105)	1,2,3-Trichlorobenzene	14.30	180	462536	102.89	ppb		90

(#) = qualifier out of range (m) = manual integration

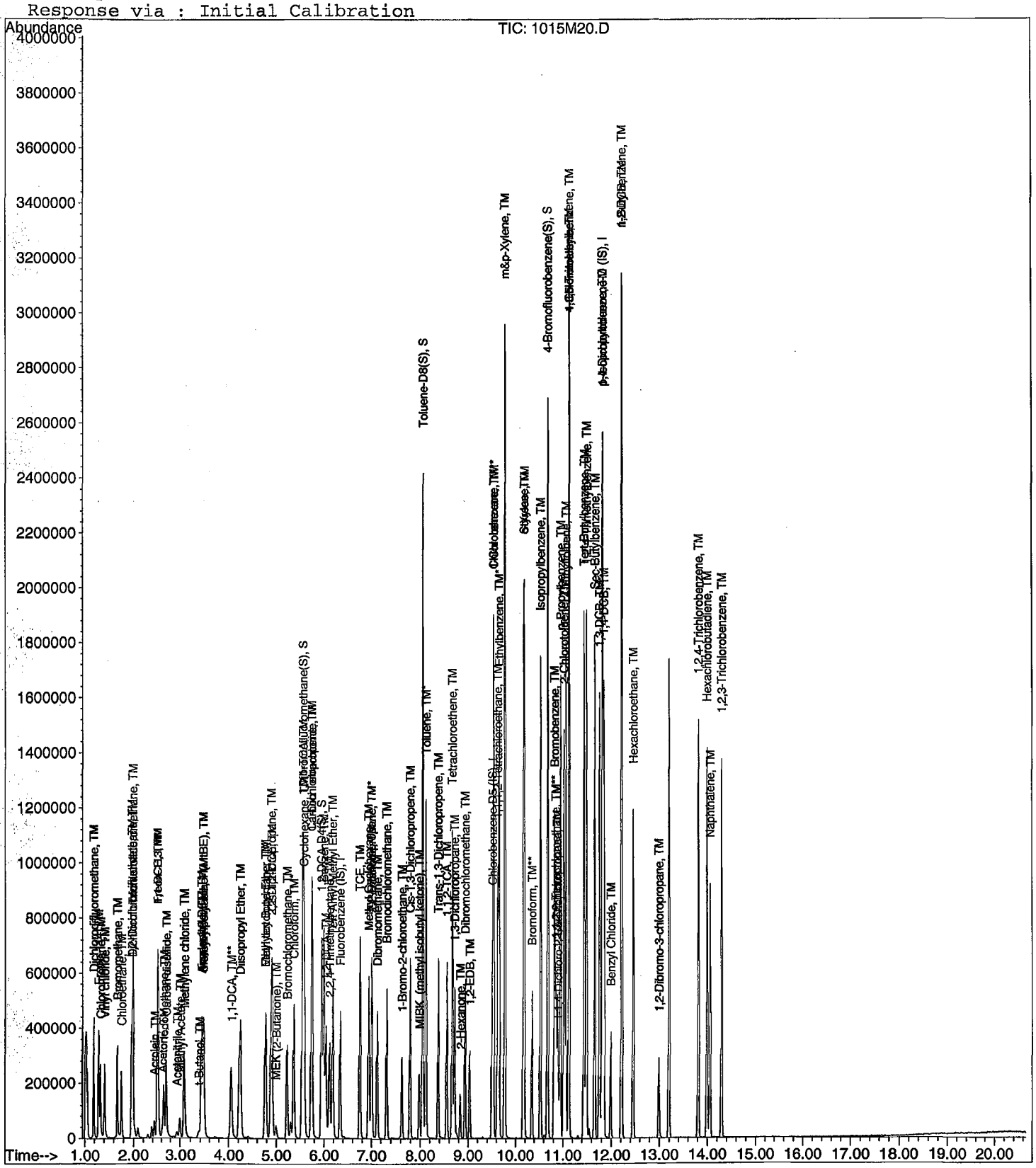
Quantitation Report

Data File : M:\MAX\DATA\211015\1015M20.D
Acq On : 15 Oct 21 19:00
Sample : 100ug/L VOC STD 10/15/21
Misc : IS&S 8/4/21

Vial: 10
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M22.D Vial: 12
Acq On : 15 Oct 21 19:57 Operator: LP,DG,CH
Sample : (SS) 10ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.34	96	407759	25.00	ppb		0.00
65) Chlorobenzene-D5 (IS)	9.50	117	364241	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.82	152	235667	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.56	111	123620	24.41	ppb		0.00
Spiked Amount 25.000			Recovery = 97.644%				
46) 1,2-DCA-D4(S)	5.95	65	86328	24.44	ppb		0.00
Spiked Amount 25.000			Recovery = 97.764%				
66) Toluene-D8(S)	8.05	98	412111	24.62	ppb		0.00
Spiked Amount 25.000			Recovery = 98.464%				
74) 4-Bromofluorobenzene(S)	10.68	95	166312	24.60	ppb		0.00
Spiked Amount 25.000			Recovery = 98.388%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.18	85	23248	9.52	ppb		98
4) Freon 114	1.29	85	16154	11.81	ppb		81
5) Chloromethane	1.33	50	13730	9.43	ppb		91
6) Vinyl chloride	1.42	62	16330	9.09	ppb		99
8) Bromomethane	1.68	94	13271	8.74	ppb		98
9) Chloroethane	1.77	64	10562	9.18	ppb		92
10) Dichlorofluoromethane	1.97	67	31774	8.06	ppb		97
11) Trichlorofluoromethane	2.00	101	44881	9.52	ppb		96
13) Acrolein	2.44	56	24941	109.40	ppb		90
14) Acetone	2.61	43	26025	48.95	ppb		99
15) Freon-113	2.52	151	18195	9.49	ppb		94
16) Acetonitrile	2.93	41	16970	134.32	ppb		90
18) 1,2-Dichlorotrifluoroethan	1.97	67	31774	8.06	ppb		100
19) 1,1-DCE	2.51	61	26210	9.18	ppb		99
20) t-Butanol	3.34	59	23571	144.72	ppb		93
21) Methyl Acetate	2.99	43	6766	7.57	ppb		95
22) Iodomethane	2.66	142	14370	7.58	ppb		95
23) Acrylonitrile	3.43	53	4893	9.72	ppb		91
25) Methylene chloride	3.08	84	17714	9.61	ppb		94
26) Carbon disulfide	2.71	76	20832	8.97	ppb	#	92
27) Methyl t-butyl ether (MtBE	3.47	73	56980	9.27	ppb		92
28) Trans-1,2-DCE	3.43	96	19186	9.64	ppb		92
29) 3-Methylpentane	3.46	57	9624	9.21	ppb	#	87
31) Diisopropyl Ether	4.24	45	35716	9.31	ppb		90
32) 1,1-DCA	4.06	63	30810	10.32	ppb		95
34) Ethyl tert Butyl Ether	4.77	59	45712	9.28	ppb		96
35) Methylcyclopentane	4.78	56	2359	11.28	ppb		100
36) MEK (2-Butanone)	4.99	43	28077	50.51	ppb	#	93
37) Cis-1,2-DCE	4.91	96	19914	9.03	ppb		92
38) 2,2-Dichloropropane	4.89	77	34376	8.97	ppb		97
39) Chloroform	5.36	83	39302	10.14	ppb		97
40) Bromochloromethane	5.22	130	15775	9.10	ppb		95
42) 1,1,1-TCA	5.54	97	45646	10.03	ppb		94
43) Cyclohexane	5.59	41	11131	8.55	ppb		86
44) 1,1-Dichloropropene	5.75	75	24083	9.75	ppb		95
45) 2,2,4-Trimethylpentane	6.12	57	27765	8.67	ppb		86
47) Carbon Tetrachloride	5.74	117	41049	9.59	ppb		95
48) Tert Amyl Methyl Ether	6.18	73	45547	9.38	ppb		96
49) 1,2-DCA	6.04	62	37921	9.89	ppb		97
50) Benzene	5.99	78	67483	9.44	ppb		96

(#) = qualifier out of range (m) = manual integration

Data File : M:\MAX\DATA\211015\1015M22.D Vial: 12
Acq On : 15 Oct 21 19:57 Operator: LP,DG,CH
Sample : (SS) 10ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.75	95	22638	9.89	ppb		91
52)	2-Pentanone	7.01	43	116600	125.50	ppb		100
53)	1,2-Dichloropropane	7.00	63	7545	9.49	ppb	#	91
54)	Bromodichloromethane	7.31	83	31868	9.93	ppb		97
55)	Methyl Cyclohexane	6.94	83	23967	9.74	ppb		90
56)	Dibromomethane	7.12	93	12407	8.88	ppb		93
57)	MIBK (methyl isobutyl ket	7.98	43	63733	53.64	ppb		95
58)	1-Bromo-2-chloroethane	7.62	144	4192	9.33	ppb		75
60)	Cis-1,3-Dichloropropene	7.79	75	29014	10.09	ppb		96
61)	Toluene	8.12	91	81096	9.81	ppb		99
62)	Trans-1,3-Dichloropropene	8.37	75	28562	10.02	ppb		97
63)	1,1,2-TCA	8.55	83	12396	9.67	ppb		88
64)	2-Hexanone	8.83	43	42858	53.33	ppb		97
67)	1,2-EDB	9.03	107	18534	9.64	ppb		93
68)	Tetrachloroethene	8.66	164	19760	10.45	ppb	#	76
69)	1-Chlorohexane	9.53	91	12619	8.73	ppb		96
70)	1,1,1,2-Tetrachloroethane	9.62	131	27467	10.14	ppb		93
71)	m&p-Xylene	9.77	106	81898	19.89	ppb		97
72)	o-Xylene	10.16	106	41097	9.52	ppb		90
73)	Styrene	10.18	104	67486	10.38	ppb	#	95
75)	1,3-Dichloropropane	8.71	76	26810	9.49	ppb		92
76)	Dibromochloromethane	8.93	129	28373	10.03	ppb		98
77)	Chlorobenzene	9.53	112	60543	9.59	ppb		98
78)	Ethylbenzene	9.65	91	96264	9.63	ppb		99
79)	Bromoform	10.35	173	22475	9.58	ppb		89
81)	Isopropylbenzene	10.53	105	106724	9.71	ppb		99
82)	1,1,2,2-Tetrachloroethane	10.84	83	17225	9.13	ppb	#	88
83)	1,2,3-Trichloropropane	10.87	110	9505	10.08	ppb		85
84)	t-1,4-Dichloro-2-Butene	10.90	53	4599	9.60	ppb		75
85)	Bromobenzene	10.81	156	34477	9.58	ppb		91
86)	n-Propylbenzene	10.94	91	107263	9.88	ppb		94
87)	4-Ethyltoluene	11.06	105	93970	9.38	ppb		94
88)	2-Chlorotoluene	11.01	91	82030	9.53	ppb		94
89)	1,3,5-Trimethylbenzene	11.12	105	94620	10.09	ppb		96
90)	4-Chlorotoluene	11.13	91	83509	9.77	ppb		98
91)	Tert-Butylbenzene	11.44	119	53776	10.39	ppb		96
92)	1,2,4-Trimethylbenzene	11.49	105	93466	10.52	ppb		98
93)	Sec-Butylbenzene	11.66	105	104477	10.55	ppb		99
94)	p-Isopropyltoluene	11.81	119	100883	10.53	ppb		97
95)	Benzyl Chloride	11.99	91	19077	8.41	ppb		97
96)	1,3-DCB	11.75	146	63689	10.17	ppb		94
97)	1,4-DCB	11.84	146	61660	9.67	ppb		97
98)	n-Butylbenzene	12.22	91	59181	9.26	ppb		96
99)	1,2-DCB	12.21	146	59914	9.77	ppb		96
100)	Hexachloroethane	12.46	117	16207	10.10	ppb		91
101)	1,2-Dibromo-3-chloropropan	12.99	75	4572	8.68	ppb	#	90
102)	1,2,4-Trichlorobenzene	13.81	180	19312	8.25	ppb		89
103)	Hexachlorobutadiene	13.99	225	23401	9.03	ppb		92
104)	Naphthalene	14.06	128	40355	9.11	ppb		99
105)	1,2,3-Trichlorobenzene	14.30	180	26595	8.69	ppb		90

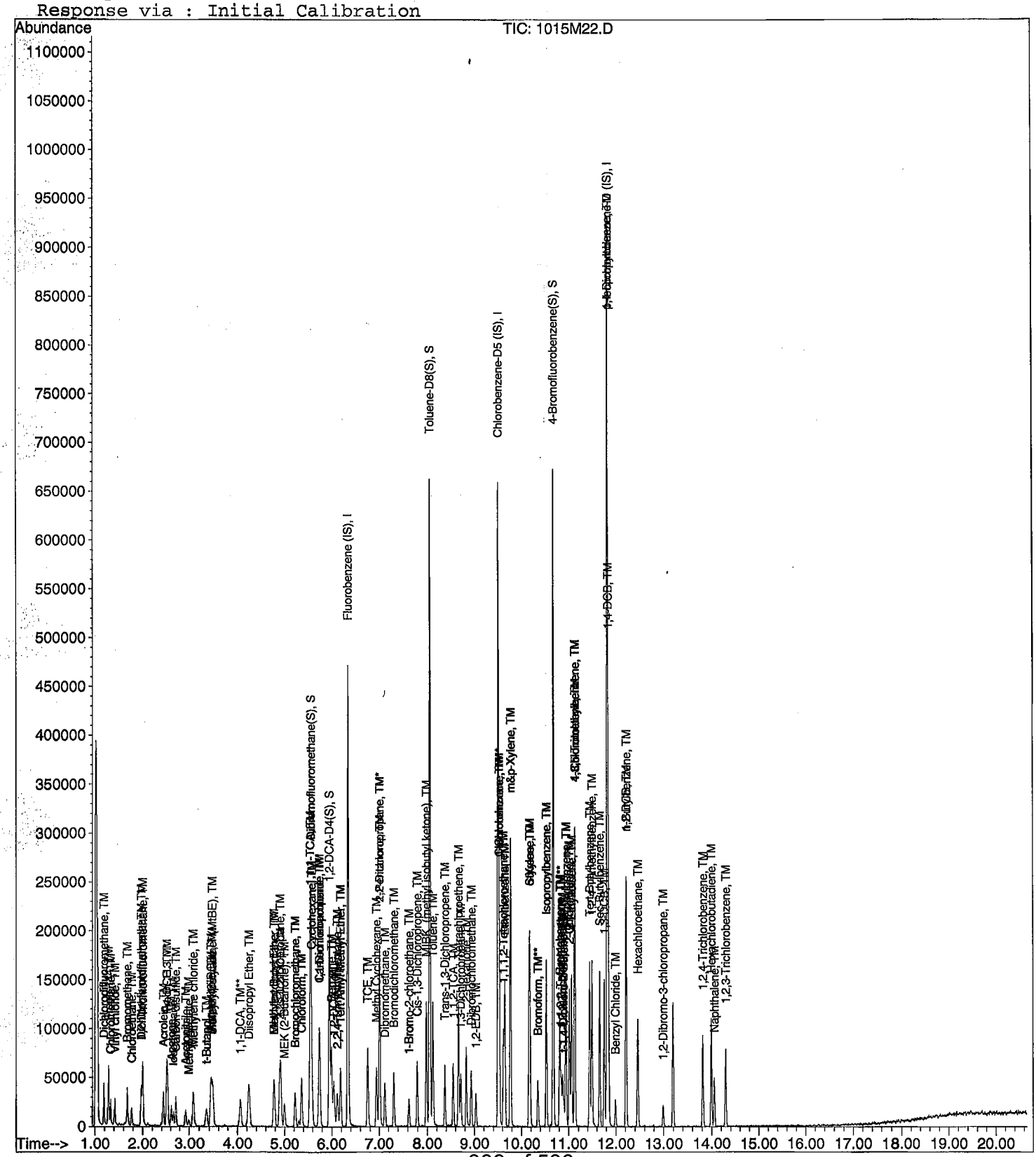
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1015M22.D Vial: 12
Acq On : 15 Oct 21 19:57 Operator: LP,DG,CH
Sample : (SS) 10ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 13:29 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



VOLATILE ORGANIC ANALYSIS BY EPA METHOD 8260B

Form 7

Continuing Calibration

Lab Name: APPL, Inc. SDG No:

Case No: Date Analyzed: 10/16/2021

Matrix: Instrument: Max

Initial Cal. Date: 10/15/2021

Data File: 1016M02.D

		Compound	MEAN	CCRF	%D		%Drift	
1	I	Fluorobenzene (IS)	ISTD			I		
2	TM	Chlorotrifluoroethene	0.0000	0.0023	0.00	TM		
3	TM	Dichlorodifluoromethane	0.1497	0.1374	8.2	TM		
4	TM	Freon 114	0.0839	0.0920	9.7	TM		
5	TM**	Chloromethane	0.0893	0.0975	9.2	TM**		
6	TM*	Vinyl chloride	0.1101	0.1165	5.8	TM*		
7	TM	2-Chloro-1,1,1-trifluoroethane	0.0000	0.0016	0.00	TM		
8	TM	Bromomethane	0.0931	0.0836	10	TM		
9	TML	Chloroethane	0.0844	0.0688	19	TML	3.2	
10	TM	Dichlorofluoromethane	0.2416	0.2253	6.8	TM		
11	TM	Trichlorofluoromethane	0.2889	0.2783	3.7	TM		
12	TMQ	Acrolein	0.0145	0.0146	0.85	TMQ	3.8	
13	TM	Acetone	0.0326	0.0296	9.2	TM		
14	TM	Freon-113	0.1176	0.1186	0.86	TM		
15	TM	Acetonitrile	0.0077	0.0085	10	TM		
16	TML	2-propanol	0.0000	0.0010	0.00	TML		
17	TM	1,2-Dichlorotrifluoroethane	0.2416	0.2253	6.8	TM		
18	TM*	1,1-DCE	0.1751	0.1744	0.40	TM*		
19	TMQ	t-Butanol	0.0101	0.0099	2.4	TMQ	2.8	
20	TMQ	Methyl Acetate	0.0528	0.0591	12	TMQ	7.9	
21	TML	Iodomethane	0.1096	0.1149	4.9	TML	4.9	
22	TML	Acrylonitrile	0.0252	0.0349	38	TML	13	
23	TM	Methylene chloride	0.1130	0.1124	0.52	TM		
24	TM	Carbon disulfide	0.1424	0.1551	8.9	TM		
25	TM	Methyl t-butyl ether (MtBE)	0.3769	0.3886	3.1	TM		
26	TM	Trans-1,2-DCE	0.1221	0.1253	2.6	TM		
27	TML	3-Methylpentane	0.0702	0.0692	1.3	TML	9.0	
28	TM	Hexane	0.0000	0.0009	0.00	TM		
29	TM	Diisopropyl Ether	0.2351	0.2951	26	TM		*
30	TM**	1,1-DCA	0.1831	0.2066	13	TM**		
31	TM	Ethyl tert Butyl Ether	0.3021	0.3291	8.9	TM		
32	TML	Methylcyclopentane	0.0160	0.0154	3.5	TML	21	*
33	TM	MEK (2-Butanone)	0.0341	0.0360	5.6	TM		
34	TM	Cis-1,2-DCE	0.1352	0.1413	4.5	TM		
35	TM	2,2-Dichloropropane	0.2349	0.2495	6.2	TM		
36	TM*	Chloroform	0.2377	0.2537	6.7	TM*		
37	TML	Bromochloromethane	0.1040	0.1111	6.9	TML	5.2	
38	S	Dibromofluoromethane(S)	0.3105	0.2991	3.7	S		
39	TM	1,1,1-TCA	0.2791	0.2740	1.8	TM		
40	TM	Cyclohexane	0.0798	0.0814	1.9	TM		
		Average			6.7			

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Continuing Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Date Analyzed: 10/16/2021
Matrix: 0 Instrument: Max
Cal. Date: 10/15/2021
Data File: 1016M02.D

		Compound	MEAN	CCRF	%D	%Drift		
41	TM	1,1-Dichloropropene	0.1514	0.1625	7.3	TM		
42	TM	2,2,4-Trimethylpentane	0.1964	0.2429	24	TM		*
43	S	1,2-DCA-D4(S)	0.2166	0.1915	12	S		
44	TM	Carbon Tetrachloride	0.2625	0.2475	5.7	TM		
45	TM	Tert Amyl Methyl Ether	0.2978	0.3296	11	TM		
46	TM	1,2-DCA	0.2350	0.2188	6.9	TM		
47	TM	Benzene	0.4384	0.4718	7.6	TM		
48	TM	TCE	0.1404	0.1382	1.5	TM		
49	TM	2-Pentanone	0.0570	0.0564	0.91	TM		
50	TM*L	1,2-Dichloropropane	0.0476	0.0519	8.9	TM*L	6.7	
51	TM	Bromodichloromethane	0.1968	0.1972	0.20	TM		
52	TML	Methyl Cyclohexane	0.1542	0.1760	14	TML	16	
53	TM	Dibromomethane	0.0856	0.0761	11	TM		
54	TM	MIBK (methyl isobutyl ketone)	0.0729	0.0775	6.3	TM		
55	TML	1-Bromo-2-chloroethane	0.0245	0.0257	4.7	TML	6.8	
56	TM	2-Chloroethyl vinyl ether	0.0000	0.0001	0.00	TM		
57	TM	Cis-1,3-Dichloropropene	0.1763	0.1946	10	TM		
58	TM*	Toluene	0.5070	0.5285	4.2	TM*		
59	TM	Trans-1,3-Dichloropropene	0.1749	0.1899	8.6	TM		
60	TM	1,1,2-TCA	0.0786	0.0798	1.5	TM		
61	TM	2-Hexanone	0.0493	0.0518	5.2	TM		
62	I	Chlorobenzene-D5 (IS)	ISTD			I		
63	S	Toluene-D8(S)	1.149	1.148	0.13	S		
64	TM	1,2-EDB	0.1319	0.1322	0.23	TM		
65	TML	Tetrachloroethene	0.2207	0.1266	43	TML	3.4	
66	TM	1-Chlorohexane	0.0992	0.1060	6.8	TM		
67	TM	1,1,1,2-Tetrachloroethane	0.1860	0.1978	6.4	TM		
68	TM	m&p-Xylene	0.2826	0.3101	9.7	TM		
69	TM	o-Xylene	0.2964	0.3003	1.3	TM		
70	TM	Styrene	0.4463	0.4978	12	TM		
71	S	4-Bromofluorobenzene(S)	0.4641	0.4639	0.03	S		
72	TM	1,3-Dichloropropane	0.1940	0.2120	9.3	TM		
73	TM	Dibromochloromethane	0.1941	0.2050	5.6	TM		
74	TM**	Chlorobenzene	0.4334	0.4526	4.4	TM**		
75	TM*	Ethylbenzene	0.6860	0.7450	8.6	TM*		
76	TM**	Bromoform	0.1611	0.1503	6.7	TM**		
77	I	1,4-Dichlorobenzene-D (IS)	ISTD			I		
78	TM	Isopropylbenzene	1.166	1.256	7.7	TM		
79	TM**	1,1,2,2-Tetrachloroethane	0.2001	0.2161	8.0	TM**		
80	TM	1,2,3-Trichloropropane	0.1000	0.0943	5.8	TM		
		Average			7.6			

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: 0

SDG No:
Date Analyzed: 10/16/2021
Instrument: Max
Cal. Date: 10/15/2021
Data File: 1016M02.D

		Compound	MEAN	CCRF	%D		%Drift	
81	TML	t-1,4-Dichloro-2-Butene	0.0601	0.0553	7.9	TML	8.5	
82	TM	Bromobenzene	0.3816	0.3915	2.6	TM		
83	TM	n-Propylbenzene	1.151	1.261	9.6	TM		
84	TM	4-Ethyltoluene	1.063	1.195	12	TM		
85	TM	2-Chlorotoluene	0.9129	0.9482	3.9	TM		
86	TM	1,3,5-Trimethylbenzene	0.9948	1.095	10	TM		
87	TM	4-Chlorotoluene	0.9068	0.9689	6.8	TM		
88	TM	Tert-Butylbenzene	0.5492	0.6294	15	TM		
89	TM	1,2,4-Trimethylbenzene	0.9425	1.083	15	TM		
90	TM	Sec-Butylbenzene	1.051	1.227	17	TM		
91	TM	p-Isopropyltoluene	1.016	1.201	18	TM		
92	TM	Benzyl Chloride	0.2406	0.2928	22	TM		*
93	TM	1,3-DCB	0.6644	0.7075	6.5	TM		
94	TM	1,4-DCB	0.6767	0.6968	3.0	TM		
95	TML	n-Butylbenzene	0.5721	0.7473	31	TML	7.7	
96	TM	1,2-DCB	0.6504	0.6785	4.3	TM		
97	TM	Hexachloroethane	0.1703	0.1906	12	TM		
98	TML	1,2-Dibromo-3-chloropropane	0.0437	0.0523	20	TML	7.2	
99	TML	1,2,4-Trichlorobenzene	0.1936	0.2412	25	TML	6.8	
100	TML	Hexachlorobutadiene	0.2401	0.2738	14	TML	1.5	
101	TMQ	Naphthalene	0.4088	0.4914	20	TMQ	2.5	
102	TML	1,2,3-Trichlorobenzene	0.2371	0.3144	33	TML	6.1	
103								
104								
105								
106								
107								
108								
109								
110								
111								
112								
113								
114								
115								
116								
117								
118								
119								
120								
		Average			14.0			

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: 0

SDG No:
Date Analyzed: 10/16/2021
Instrument: Max
Cal. Date: 10/15/2021
Data File: 1016M02.D

		Compound	MEAN	CCRF	%D	%Drift	
121							
122							
123							
124							
125							
126							
127							
128							
129							
130							
131							
132							
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150							
151							
152							
153							
154							
155							
156							
157							
158							
159							
160							
		Average			#DIV/0!		

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1016M02.D Vial: 2
Acq On : 16 Oct 21 13:55 Operator: LP,DG,CH
Sample : 211016A CCV 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 16 13:24 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.35	96	552789	25.00	ppb		0.00
65) Chlorobenzene-D5 (IS)	9.51	117	476844	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.83	152	305200	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.56	111	165350	24.08	ppb		0.00
Spiked Amount 25.000			Recovery =	96.336%			
46) 1,2-DCA-D4(S)	5.96	65	105856	22.11	ppb		0.00
Spiked Amount 25.000			Recovery =	88.428%			
66) Toluene-D8(S)	8.05	98	547224	24.97	ppb		0.00
Spiked Amount 25.000			Recovery =	99.872%			
74) 4-Bromofluorobenzene(S)	10.68	95	221221	24.99	ppb		0.00
Spiked Amount 25.000			Recovery =	99.968%			
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.19	85	30384	9.18	ppb		99
4) Freon 114	1.29	85	20338	10.97	ppb		72
5) Chloromethane	1.33	50	21564	10.92	ppb		95
6) Vinyl chloride	1.42	62	25751	10.58	ppb		96
8) Bromomethane	1.68	94	18488	8.99	ppb		87
9) Chloroethane	1.78	64	15207	9.68	ppb		95
10) Dichlorofluoromethane	1.97	67	49812	9.32	ppb		91
11) Trichlorofluoromethane	2.01	101	61534	9.63	ppb		99
13) Acrolein	2.44	56	40283	129.75	ppb		87
14) Acetone	2.62	43	32720	45.40	ppb		94
15) Freon-113	2.53	151	26221	10.09	ppb		96
16) Acetonitrile	2.93	41	23619	137.90	ppb		92
18) 1,2-Dichlorotrifluoroethan	1.97	67	49812	9.32	ppb		100
19) 1,1-DCE	2.51	61	38553	9.96	ppb		95
20) t-Butanol	3.34	59	27336	121.55	ppb		93
21) Methyl Acetate	3.00	43	13077	10.79	ppb		97
22) Iodomethane	2.66	142	25415	9.51	ppb		89
23) Acrylonitrile	3.44	53	7713	11.32	ppb		94
25) Methylene chloride	3.09	84	24856	9.95	ppb		98
26) Carbon disulfide	2.72	76	34304	10.89	ppb		99
27) Methyl t-butyl ether (MtBE	3.48	73	85917	10.31	ppb		94
28) Trans-1,2-DCE	3.44	96	27703	10.26	ppb		95
29) 3-Methylpentane	3.48	57	15311	10.90	ppb		94
31) Diisopropyl Ether	4.25	45	65246	12.55	ppb		92
32) 1,1-DCA	4.06	63	45673	11.28	ppb		98
34) Ethyl tert Butyl Ether	4.78	59	72773	10.89	ppb		99
35) Methylcyclopentane	4.77	56	3407	12.11	ppb	#	100
36) MEK (2-Butanone)	5.00	43	39769	52.78	ppb		98
37) Cis-1,2-DCE	4.92	96	31247	10.45	ppb		95
38) 2,2-Dichloropropane	4.90	77	55178	10.62	ppb		95
39) Chloroform	5.37	83	56096	10.67	ppb		100
40) Bromochloromethane	5.23	130	24572	10.52	ppb		95
42) 1,1,1-TCA	5.55	97	60579	9.82	ppb		91
43) Cyclohexane	5.59	41	17989	10.19	ppb		96
44) 1,1-Dichloropropene	5.76	75	35935	10.73	ppb		91
45) 2,2,4-Trimethylpentane	6.12	57	53700	12.37	ppb	#	78
47) Carbon Tetrachloride	5.74	117	54733	9.43	ppb		96
48) Tert Amyl Methyl Ether	6.19	73	72872	11.07	ppb		96
49) 1,2-DCA	6.05	62	48388	9.31	ppb	#	93
50) Benzene	6.00	78	104313	10.76	ppb		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1016M02.D Vial: 2
Acq On : 16 Oct 21 13:55 Operator: LP,DG,CH
Sample : 211016A CCV 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 16 13:24 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.76	95	30569	9.85	ppb		84
52)	2-Pentanone	7.02	43	156019	123.87	ppb		98
53)	1,2-Dichloropropane	7.01	63	11465	10.67	ppb		99
54)	Bromodichloromethane	7.32	83	43603	10.02	ppb		100
55)	Methyl Cyclohexane	6.94	83	38919	11.63	ppb		97
56)	Dibromomethane	7.13	93	16831	8.89	ppb		88
57)	MIBK (methyl isobutyl ket	7.98	43	85640	53.16	ppb		96
58)	1-Bromo-2-chloroethane	7.63	144	5674	9.32	ppb		97
60)	Cis-1,3-Dichloropropene	7.79	75	43026	11.04	ppb		87
61)	Toluene	8.12	91	116850	10.42	ppb		100
62)	Trans-1,3-Dichloropropene	8.38	75	41994	10.86	ppb		99
63)	1,1,2-TCA	8.56	83	17646	10.15	ppb		89
64)	2-Hexanone	8.83	43	57293	52.59	ppb		95
67)	1,2-EDB	9.04	107	25217	10.02	ppb		90
68)	Tetrachloroethene	8.67	164	24144	9.66	ppb		88
69)	1-Chlorohexane	9.54	91	20216	10.68	ppb		94
70)	1,1,1,2-Tetrachloroethane	9.62	131	37737	10.64	ppb		93
71)	m&p-Xylene	9.77	106	118282	21.94	ppb		99
72)	o-Xylene	10.17	106	57279	10.13	ppb		93
73)	Styrene	10.18	104	94955	11.16	ppb	#	95
75)	1,3-Dichloropropane	8.72	76	40442	10.93	ppb		90
76)	Dibromochloromethane	8.94	129	39106	10.56	ppb		91
77)	Chlorobenzene	9.53	112	86326	10.44	ppb		97
78)	Ethylbenzene	9.66	91	142107	10.86	ppb		99
79)	Bromoform	10.36	173	28659	9.33	ppb		100
81)	Isopropylbenzene	10.54	105	153309	10.77	ppb		100
82)	1,1,2,2-Tetrachloroethane	10.85	83	26383	10.80	ppb	#	88
83)	1,2,3-Trichloropropane	10.88	110	11507	9.42	ppb		88
84)	t-1,4-Dichloro-2-Butene	10.91	53	6754	10.85	ppb		73
85)	Bromobenzene	10.82	156	47795	10.26	ppb		92
86)	n-Propylbenzene	10.95	91	153998	10.96	ppb		99
87)	4-Ethyltoluene	11.06	105	145935	11.24	ppb		95
88)	2-Chlorotoluene	11.02	91	115751	10.39	ppb		89
89)	1,3,5-Trimethylbenzene	11.13	105	133619	11.00	ppb		98
90)	4-Chlorotoluene	11.13	91	118282	10.68	ppb		96
91)	Tert-Butylbenzene	11.45	119	76832	11.46	ppb		97
92)	1,2,4-Trimethylbenzene	11.49	105	132234	11.49	ppb		97
93)	Sec-Butylbenzene	11.66	105	149785	11.67	ppb		97
94)	p-Isopropyltoluene	11.82	119	146633	11.82	ppb		96
95)	Benzyl Chloride	12.00	91	35749	12.17	ppb		93
96)	1,3-DCB	11.76	146	86375	10.65	ppb		96
97)	1,4-DCB	11.85	146	85066	10.30	ppb		98
98)	n-Butylbenzene	12.22	91	91235	10.77	ppb		94
99)	1,2-DCB	12.22	146	82829	10.43	ppb		97
100)	Hexachloroethane	12.46	117	23273	11.20	ppb		79
101)	1,2-Dibromo-3-chloropropan	13.00	75	6387	9.28	ppb		94
102)	1,2,4-Trichlorobenzene	13.82	180	29448	9.32	ppb		85
103)	Hexachlorobutadiene	14.00	225	33429	9.85	ppb		94
104)	Naphthalene	14.06	128	59986	10.25	ppb		98
105)	1,2,3-Trichlorobenzene	14.30	180	38385	9.39	ppb		91

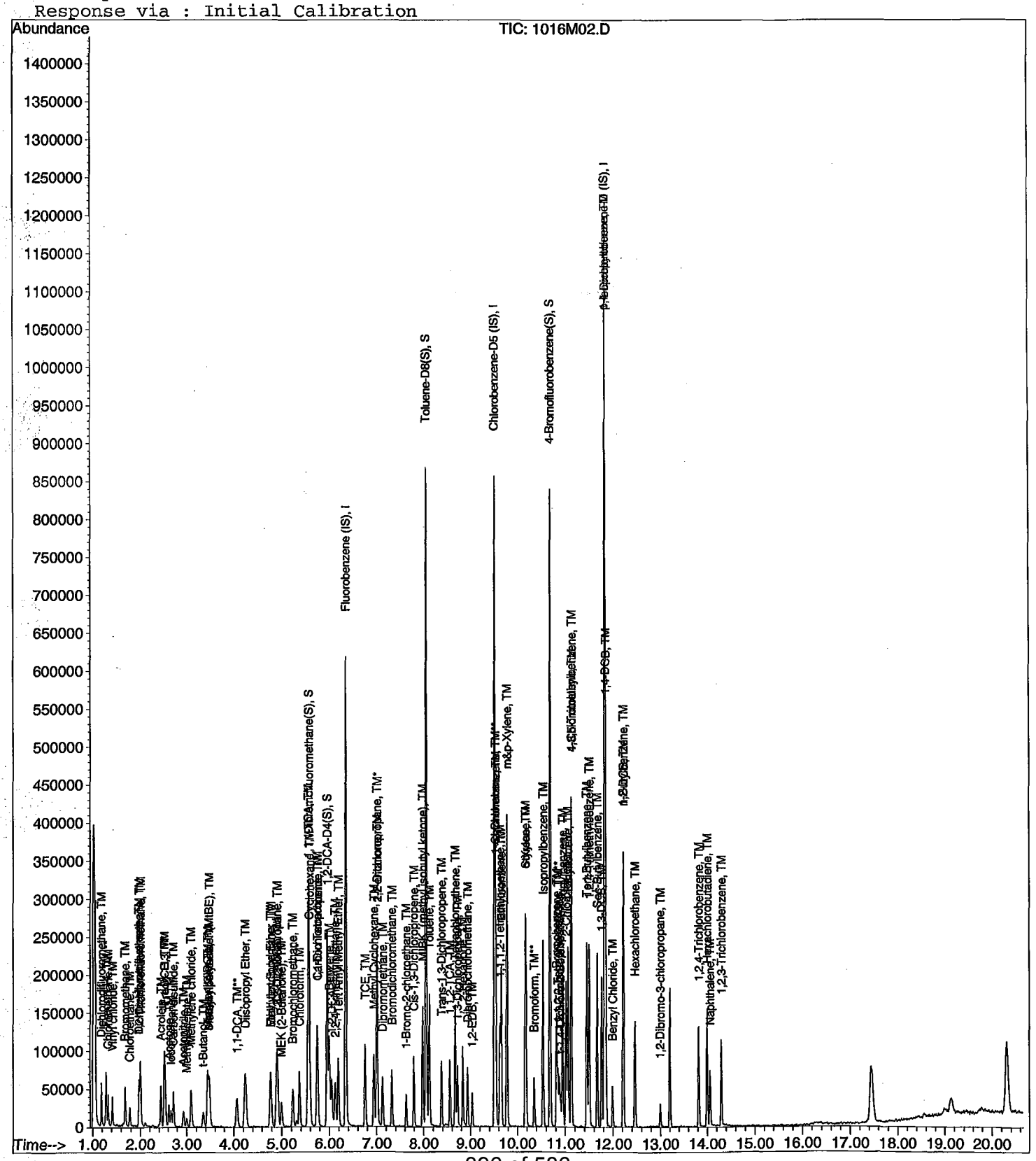
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1016M02.D Vial: 2
Acq On : 16 Oct 21 13:55 Operator: LP,DG,CH
Sample : 211016A CCV 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 16 13:24 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Ending Continuing Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Date Analyzed: 10/18/2021
Matrix: Instrument: Max
Initial Cal. Date: 10/15/2021
Data File: 1016M37.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Fluorobenzene (IS)	ISTD			I	
2	TM	Chlorotrifluoroethene	0.0000	0.0158	0.00	TM	
3	TM	Dichlorodifluoromethane	0.1497	0.1581	5.6	TM	
4	TM	Freon 114	0.0839	0.1016	21	TM	
5	TM**	Chloromethane	0.0893	0.1016	14	TM**	
6	TM*	Vinyl chloride	0.1101	0.1159	5.2	TM*	
7	TM	2-Chloro-1,1,1-trifluoroethane	0.0000	0.0030	0.00	TM	
8	TM	Bromomethane	0.0931	0.1003	7.7	TM	
9	TML	Chloroethane	0.0844	0.0833	1.4	TML	15
10	TM	Dichlorofluoromethane	0.2416	0.2437	0.88	TM	
11	TM	Trichlorofluoromethane	0.2889	0.3356	16	TM	
12	TMQ	Acrolein	0.0145	0.0139	3.9	TMQ	0.91
13	TM	Acetone	0.0326	0.0311	4.4	TM	
14	TM	Freon-113	0.1176	0.1356	15	TM	
15	TM	Acetonitrile	0.0077	0.0080	2.9	TM	
16	TML	2-propanol	0.0000	0.0018	0.00	TML	
17	TM	1,2-Dichlorotrifluoroethane	0.2416	0.2437	0.88	TM	
18	TM*	1,1-DCE	0.1751	0.1873	7.0	TM*	
19	TMQ	t-Butanol	0.0101	0.0110	8.7	TMQ	9.6
20	TMQ	Methyl Acetate	0.0528	0.0534	1.2	TMQ	2.6
21	TML	Iodomethane	0.1096	0.1165	6.3	TML	3.8
22	TML	Acrylonitrile	0.0252	0.0341	35	TML	11
23	TM	2-Methylpentane	0.0000	0.0001	0.00	TM	
24	TM	Methylene chloride	0.1130	0.1071	5.2	TM	
25	TM	Carbon disulfide	0.1424	0.1589	12	TM	
26	TM	Methyl t-butyl ether (MtBE)	0.3769	0.3865	2.5	TM	
27	TM	Trans-1,2-DCE	0.1221	0.1292	5.9	TM	
28	TML	3-Methylpentane	0.0702	0.0640	8.8	TML	0.39
29	TM	Hexane	0.0000	0.0001	0.00	TM	
30	TM	Diisopropyl Ether	0.2351	0.2747	17	TM	
31	TM**	1,1-DCA	0.1831	0.2033	11	TM**	
32	TM	Ethyl tert Butyl Ether	0.3021	0.3503	16	TM	
33	TML	Methylcyclopentane	0.0160	0.0149	6.7	TML	17
34	TM	MEK (2-Butanone)	0.0341	0.0351	2.9	TM	
35	TM	Cis-1,2-DCE	0.1352	0.1351	0.04	TM	
36	TM	2,2-Dichloropropane	0.2349	0.2758	17	TM	
37	TM*	Chloroform	0.2377	0.2752	16	TM*	
38	TML	Bromochloromethane	0.1040	0.1071	3.0	TML	1.3
39	S	Dibromofluoromethane(S)	0.3105	0.3155	1.6	S	
40	TM	1,1,1-TCA	0.2791	0.3052	9.3	TM	
		Average			7.5		

VOLATILE ORGANIC ANALYSIS BY EPA METHOD 8260B

Form 7

Ending Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: 0

SDG No:
Date Analyzed: 10/18/2021
Instrument: Max
Cal. Date: 10/15/2021
Data File: 1016M37.D

		Compound	MEAN	CCRF	%D		%Drift
41	TM	Cyclohexane	0.0798	0.0898	12	TM	
42	TM	1,1-Dichloropropene	0.1514	0.1712	13	TM	
43	TM	2,2,4-Trimethylpentane	0.1964	0.2486	27	TM	
44	S	1,2-DCA-D4(S)	0.2166	0.2142	1.1	S	
45	TM	Carbon Tetrachloride	0.2625	0.2736	4.2	TM	
46	TM	Tert Amyl Methyl Ether	0.2978	0.3315	11	TM	
47	TM	1,2-DCA	0.2350	0.2511	6.8	TM	
48	TM	Benzene	0.4384	0.4665	6.4	TM	
49	TM	TCE	0.1404	0.1479	5.4	TM	
50	TM	2-Pentanone	0.0570	0.0559	1.9	TM	
51	TM*L	1,2-Dichloropropane	0.0476	0.0518	8.7	TM*L	6.6
52	TM	Bromodichloromethane	0.1968	0.2146	9.0	TM	
53	TML	Methyl Cyclohexane	0.1542	0.1708	11	TML	13
54	TM	Dibromomethane	0.0856	0.0820	4.3	TM	
55	TM	MIBK (methyl isobutyl ketone)	0.0729	0.0713	2.1	TM	
56	TML	1-Bromo-2-chloroethane	0.0245	0.0293	20	TML	6.5
57	TM	2-Chloroethyl vinyl ether	0.0000	0.0002	0.00	TM	
58	TM	Cis-1,3-Dichloropropene	0.1763	0.1997	13	TM	
59	TM*	Toluene	0.5070	0.5449	7.5	TM*	
60	TM	Trans-1,3-Dichloropropene	0.1749	0.1994	14	TM	
61	TM	1,1,2-TCA	0.0786	0.0799	1.7	TM	
62	TM	2-Hexanone	0.0493	0.0498	1.1	TM	
63	I	Chlorobenzene-D5 (IS)	ISTD			I	
64	S	Toluene-D8(S)	1.149	1.183	3.0	S	
65	TM	1,2-EDB	0.1319	0.1387	5.2	TM	
66	TML	Tetrachloroethene	0.2207	0.1425	35	TML	11
67	TM	1-Chlorohexane	0.0992	0.1180	19	TM	
68	TM	1,1,1,2-Tetrachloroethane	0.1860	0.2020	8.6	TM	
69	TM	m&p-Xylene	0.2826	0.3196	13	TM	
70	TM	o-Xylene	0.2964	0.3295	11	TM	
71	TM	Styrene	0.4463	0.5140	15	TM	
72	S	4-Bromofluorobenzene(S)	0.4641	0.4781	3.0	S	
73	TM	1,3-Dichloropropane	0.1940	0.2081	7.3	TM	
74	TM	Dibromochloromethane	0.1941	0.2090	7.7	TM	
75	TM**	Chlorobenzene	0.4334	0.4736	9.3	TM**	
76	TM*	Ethylbenzene	0.6860	0.7866	15	TM*	
77	TM**	Bromoform	0.1611	0.1647	2.2	TM**	
78	I	1,4-Dichlorobenzene-D (IS)	ISTD			I	
79	TM	Isopropylbenzene	1.166	1.295	11	TM	
80	TM**	1,1,2,2-Tetrachloroethane	0.2001	0.1971	1.5	TM**	
		Average			9.2		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Ending Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: 0

SDG No:
Date Analyzed: 10/18/2021
Instrument: Max
Cal. Date: 10/15/2021
Data File: 1016M37.D

		Compound	MEAN	CCRF	%D		%Drift
81	TM	1,2,3-Trichloropropane	0.1000	0.1133	13	TM	
82	TML	t-1,4-Dichloro-2-Butene	0.0601	0.0656	9.1	TML	28
83	TM	Bromobenzene	0.3816	0.4317	13	TM	
84	TM	n-Propylbenzene	1.151	1.351	17	TM	
85	TM	4-Ethyltoluene	1.063	1.258	18	TM	
86	TM	2-Chlorotoluene	0.9129	1.043	14	TM	
87	TM	1,3,5-Trimethylbenzene	0.9948	1.184	19	TM	
88	TM	4-Chlorotoluene	0.9068	1.028	13	TM	
89	TM	Tert-Butylbenzene	0.5492	0.6751	23	TM	
90	TM	1,2,4-Trimethylbenzene	0.9425	1.188	26	TM	
91	TM	Sec-Butylbenzene	1.051	1.298	23	TM	
92	TM	p-Isopropyltoluene	1.016	1.271	25	TM	
93	TM	Benzyl Chloride	0.2406	0.3052	27	TM	
94	TM	1,3-DCB	0.6644	0.7676	16	TM	
95	TM	1,4-DCB	0.6767	0.7190	6.2	TM	
96	TML	n-Butylbenzene	0.5721	0.7891	38	TML	13
97	TM	1,2-DCB	0.6504	0.7275	12	TM	
98	TM	Hexachloroethane	0.1703	0.2024	19	TM	
99	TML	1,2-Dibromo-3-chloropropane	0.0437	0.0536	23	TML	5.2
100	TML	1,2,4-Trichlorobenzene	0.1936	0.2747	42	TML	3.1
101	TML	Hexachlorobutadiene	0.2401	0.3329	39	TML	18
102	TMQ	Naphthalene	0.4088	0.4865	19	TMQ	1.7
103	TML	1,2,3-Trichlorobenzene	0.2371	0.3347	41	TML	1.7
104							
105							
106							
107							
108							
109							
110							
111							
112							
113							
114							
115							
116							
117							
118							
119							
120							
		Average			21.5		

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1016M37.D Vial: 1
Acq On : 18 Oct 21 12:57 Operator: LP,DG,CH
Sample : Ending CCV 10ug/L 10/16/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 20 11:47 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.35	96	400720	25.00	ppb		0.01
65) Chlorobenzene-D5 (IS)	9.51	117	343238	25.00	ppb		0.02
80) 1,4-Dichlorobenzene-D (IS)	11.83	152	220419	25.00	ppb		0.01
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.57	111	126435	25.40	ppb		0.00
Spiked Amount 25.000			Recovery = 101.620%				
46) 1,2-DCA-D4(S)	5.96	65	85840	24.73	ppb		0.01
Spiked Amount 25.000			Recovery = 98.916%				
66) Toluene-D8(S)	8.06	98	406062	25.74	ppb		0.01
Spiked Amount 25.000			Recovery = 102.956%				
74) 4-Bromofluorobenzene(S)	10.69	95	164107	25.76	ppb		0.01
Spiked Amount 25.000			Recovery = 103.024%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.19	85	25344	10.56	ppb		98
4) Freon 114	1.29	85	16292	12.12	ppb		78
5) Chloromethane	1.33	50	16288	11.38	ppb		95
6) Vinyl chloride	1.43	62	18577	10.52	ppb		87
8) Bromomethane	1.69	94	16071	10.77	ppb		96
9) Chloroethane	1.78	64	13344	11.49	ppb		92
10) Dichlorofluoromethane	1.98	67	39065	10.09	ppb		91
11) Trichlorofluoromethane	2.01	101	53787	11.62	ppb		97
13) Acrolein	2.44	56	27834	123.86	ppb		87
14) Acetone	2.62	43	24961	47.78	ppb		88
15) Freon-113	2.54	151	21731	11.53	ppb		88
16) Acetonitrile	2.94	41	15970	128.62	ppb		92
18) 1,2-Dichlorotrifluoroethan	1.98	67	39065	10.09	ppb		100
19) 1,1-DCE	2.52	61	30020	10.70	ppb		97
20) t-Butanol	3.35	59	22073	137.03	ppb	#	90
21) Methyl Acetate	3.01	43	8561	9.74	ppb	#	78
22) Iodomethane	2.67	142	18678	9.62	ppb		96
23) Acrylonitrile	3.45	53	5461	11.06	ppb		87
25) Methylene chloride	3.09	84	17169	9.48	ppb		90
26) Carbon disulfide	2.72	76	25464	11.16	ppb		99
27) Methyl t-butyl ether (MtBE	3.48	73	61955	10.25	ppb		95
28) Trans-1,2-DCE	3.44	96	20714	10.59	ppb		96
29) 3-Methylpentane	3.48	57	10261	10.04	ppb	#	74
31) Diisopropyl Ether	4.26	45	44028	11.68	ppb		93
32) 1,1-DCA	4.07	63	32588	11.10	ppb	#	94
34) Ethyl tert Butyl Ether	4.78	59	56144	11.59	ppb		97
35) Methylcyclopentane	4.78	56	2387	11.66	ppb		100
36) MEK (2-Butanone)	5.00	43	28113	51.47	ppb	#	95
37) Cis-1,2-DCE	4.93	96	21662	10.00	ppb		98
38) 2,2-Dichloropropane	4.90	77	44212	11.74	ppb		99
39) Chloroform	5.37	83	44108	11.58	ppb		96
40) Bromochloromethane	5.23	130	17169	10.13	ppb	#	82
42) 1,1,1-TCA	5.56	97	48919	10.93	ppb		97
43) Cyclohexane	5.60	41	14394	11.25	ppb		83
44) 1,1-Dichloropropene	5.77	75	27440	11.31	ppb		94
45) 2,2,4-Trimethylpentane	6.13	57	39852	12.66	ppb		100
47) Carbon Tetrachloride	5.75	117	43852	10.42	ppb		93
48) Tert Amyl Methyl Ether	6.20	73	53136	11.13	ppb		96
49) 1,2-DCA	6.05	62	40242	10.68	ppb		96
50) Benzene	6.01	78	74771	10.64	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1016M37.D Vial: 1
Acq On : 18 Oct 21 12:57 Operator: LP,DG,CH
Sample : Ending CCV 10ug/L 10/16/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 20 11:47 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.76	95	23708	10.54	ppb		86
52)	2-Pentanone	7.02	43	111971	122.63	ppb		96
53)	1,2-Dichloropropane	7.01	63	8301	10.66	ppb	#	91
54)	Bromodichloromethane	7.33	83	34392	10.90	ppb		97
55)	Methyl Cyclohexane	6.95	83	27371	11.29	ppb		87
56)	Dibromomethane	7.13	93	13137	9.57	ppb		91
57)	MIBK (methyl isobutyl ket	7.99	43	57169	48.96	ppb		96
58)	1-Bromo-2-chloroethane	7.64	144	4703	10.65	ppb		94
60)	Cis-1,3-Dichloropropene	7.80	75	32008	11.32	ppb		89
61)	Toluene	8.13	91	87340	10.75	ppb		93
62)	Trans-1,3-Dichloropropene	8.39	75	31961	11.40	ppb		99
63)	1,1,2-TCA	8.56	83	12807	10.17	ppb		98
64)	2-Hexanone	8.84	43	39912	50.54	ppb	#	94
67)	1,2-EDB	9.05	107	19046	10.52	ppb		92
68)	Tetrachloroethene	8.68	164	19560	11.06	ppb		85
69)	1-Chlorohexane	9.54	91	16199	11.89	ppb		95
70)	1,1,1,2-Tetrachloroethane	9.63	131	27732	10.86	ppb		94
71)	m&p-Xylene	9.78	106	87770	22.62	ppb		98
72)	o-Xylene	10.17	106	45237	11.12	ppb		90
73)	Styrene	10.19	104	70570	11.52	ppb	#	97
75)	1,3-Dichloropropane	8.73	76	28575	10.73	ppb		93
76)	Dibromochloromethane	8.95	129	28692	10.77	ppb		93
77)	Chlorobenzene	9.54	112	65021	10.93	ppb		98
78)	Ethylbenzene	9.66	91	107999	11.47	ppb		98
79)	Bromoform	10.36	173	22612	10.22	ppb		98
81)	Isopropylbenzene	10.54	105	114176	11.11	ppb		94
82)	1,1,2,2-Tetrachloroethane	10.86	83	17376	9.85	ppb	#	87
83)	1,2,3-Trichloropropane	10.89	110	9985	11.32	ppb		84
84)	t-1,4-Dichloro-2-Butene	10.92	53	5782	12.81	ppb		85
85)	Bromobenzene	10.83	156	38059	11.31	ppb		90
86)	n-Propylbenzene	10.96	91	119070	11.73	ppb		99
87)	4-Ethyltoluene	11.07	105	110925	11.83	ppb		96
88)	2-Chlorotoluene	11.03	91	91969	11.43	ppb		95
89)	1,3,5-Trimethylbenzene	11.14	105	104348	11.90	ppb		98
90)	4-Chlorotoluene	11.14	91	90600	11.33	ppb		99
91)	Tert-Butylbenzene	11.46	119	59520	12.29	ppb		97
92)	1,2,4-Trimethylbenzene	11.50	105	104780	12.61	ppb		99
93)	Sec-Butylbenzene	11.67	105	114426	12.35	ppb		95
94)	p-Isopropyltoluene	11.83	119	112093	12.51	ppb		98
95)	Benzyl Chloride	12.00	91	26913	12.69	ppb		98
96)	1,3-DCB	11.77	146	67679	11.55	ppb		97
97)	1,4-DCB	11.86	146	63389	10.62	ppb		96
98)	n-Butylbenzene	12.23	91	69574	11.30	ppb		94
99)	1,2-DCB	12.23	146	64141	11.19	ppb		100
100)	Hexachloroethane	12.47	117	17844	11.89	ppb		90
101)	1,2-Dibromo-3-chloropropan	13.00	75	4724	9.48	ppb	#	86
102)	1,2,4-Trichlorobenzene	13.82	180	24224	10.31	ppb		94
103)	Hexachlorobutadiene	14.01	225	29349	11.76	ppb		97
104)	Naphthalene	14.07	128	42893	10.17	ppb		97
105)	1,2,3-Trichlorobenzene	14.31	180	29509	9.83	ppb		84

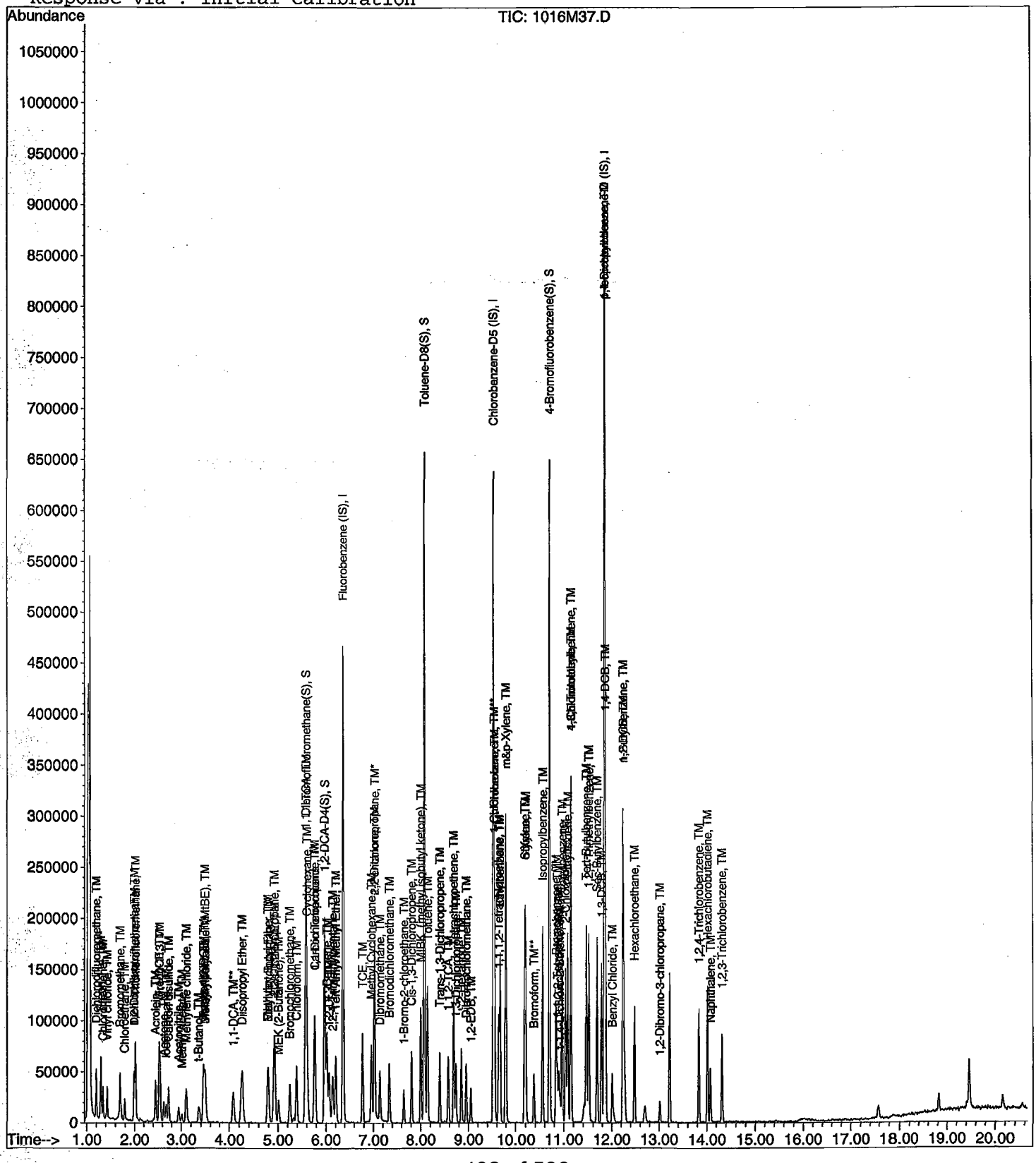
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1016M37.D Vial: 1
Acq On : 18 Oct 21 12:57 Operator: LP,DG,CH
Sample : Ending CCV 10ug/L 10/16/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 20 11:47 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix:

SDG No:
Date Analyzed: 10/18/2021
Instrument: Max
Initial Cal. Date: 10/15/2021
Data File: 1018M02.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Fluorobenzene (IS)	ISTD			I	
2	TM	Chlorotrifluoroethene	0.0000	0.0132	0.00	TM	
3	TM	Dichlorodifluoromethane	0.1497	0.1464	2.2	TM	
4	TM	Freon 114	0.0839	0.0861	2.6	TM	
5	TM**	Chloromethane	0.0893	0.0852	4.6	TM**	
6	TM*	Vinyl chloride	0.1101	0.1040	5.6	TM*	
7	TM	2-Chloro-1,1,1-trifluoroethane	0.0000	0.0026	0.00	TM	
8	TM	Bromomethane	0.0931	0.0863	7.3	TM	
9	TML	Chloroethane	0.0844	0.0655	22	TML	7.3
10	TM	Dichlorofluoromethane	0.2416	0.2115	12	TM	
11	TM	Trichlorofluoromethane	0.2889	0.2854	1.2	TM	
12	TM	2,2-Dichloro-1,1,1-trifluoroethane	0.0000	0.0002	0.00	TM	
13	TMQ	Acrolein	0.0145	0.0141	2.5	TMQ	0.42
14	TM	Acetone	0.0326	0.0331	1.4	TM	
15	TM	Freon-113	0.1176	0.1120	4.7	TM	
16	TM	Acetonitrile	0.0077	0.0088	14	TM	
17	TML	2-propanol	0.0000	0.0019	0.00	TML	
18	TM	1,2-Dichlorotrifluoroethane	0.2416	0.2115	12	TM	
19	TM*	1,1-DCE	0.1751	0.1665	4.9	TM*	
20	TMQ	t-Butanol	0.0101	0.0105	3.4	TMQ	3.7
21	TMQ	Methyl Acetate	0.0528	0.0588	11	TMQ	7.2
22	TML	Iodomethane	0.1096	0.1102	0.51	TML	8.3
23	TML	Acrylonitrile	0.0252	0.0310	23	TML	0.43
24	TM	Methylene chloride	0.1130	0.1138	0.69	TM	
25	TM	Carbon disulfide	0.1424	0.1332	6.5	TM	
26	TM	Methyl t-butyl ether (MtBE)	0.3769	0.3866	2.6	TM	
27	TM	Trans-1,2-DCE	0.1221	0.1105	9.5	TM	
28	TML	3-Methylpentane	0.0702	0.0641	8.7	TML	0.45
29	TM	Hexane	0.0000	0.0007	0.00	TM	
30	TM	Diisopropyl Ether	0.2351	0.2530	7.6	TM	
31	TM**	1,1-DCA	0.1831	0.1833	0.14	TM**	
32	TM	Ethyl tert Butyl Ether	0.3021	0.3218	6.5	TM	
33	TML	Methylcyclopentane	0.0160	0.0137	14	TML	6.4
34	TM	MEK (2-Butanone)	0.0341	0.0373	9.5	TM	
35	TM	Cis-1,2-DCE	0.1352	0.1340	0.90	TM	
36	TM	2,2-Dichloropropane	0.2349	0.2396	2.0	TM	
37	TM*	Chloroform	0.2377	0.2504	5.4	TM*	
38	TML	Bromochloromethane	0.1040	0.1055	1.5	TML	0.29
39	S	Dibromofluoromethane(S)	0.3105	0.3024	2.6	S	
40	TM	1,1,1-TCA	0.2791	0.2659	4.7	TM	
		Average			5.6		

VOLATILE ORGANIC ANALYSIS BY EPA METHOD 8260B

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: 0

SDG No:
Date Analyzed: 10/18/2021
Instrument: Max
Cal. Date: 10/15/2021
Data File: 1018M02.D

		Compound	MEAN	CCRF	%D		%Drift
41	TM	Cyclohexane	0.0798	0.0797	0.12	TM	
42	TM	1,1-Dichloropropene	0.1514	0.1498	1.1	TM	
43	TM	2,2,4-Trimethylpentane	0.1964	0.2097	6.8	TM	
44	S	1,2-DCA-D4(S)	0.2166	0.2157	0.41	S	
45	TM	Carbon Tetrachloride	0.2625	0.2404	8.4	TM	
46	TM	Tert Amyl Methyl Ether	0.2978	0.3168	6.4	TM	
47	TM	1,2-DCA	0.2350	0.2379	1.2	TM	
48	TM	Benzene	0.4384	0.4067	7.2	TM	
49	TM	TCE	0.1404	0.1239	12	TM	
50	TM	2-Pentanone	0.0570	0.0614	7.7	TM	
51	TM*L	1,2-Dichloropropane	0.0476	0.0469	1.6	TM*L	3.8
52	TM	Bromodichloromethane	0.1968	0.2022	2.7	TM	
53	TML	Methyl Cyclohexane	0.1542	0.1482	3.9	TML	1.8
54	TM	Dibromomethane	0.0856	0.0786	8.2	TM	
55	TM	MIBK (methyl isobutyl ketone)	0.0729	0.0772	6.0	TM	
56	TML	1-Bromo-2-chloroethane	0.0245	0.0284	16	TML	3.2
57	TM	2-Chloroethyl vinyl ether	0.0000	0.0002	0.00	TM	
58	TM	Cis-1,3-Dichloropropene	0.1763	0.1843	4.5	TM	
59	TM*	Toluene	0.5070	0.5050	0.40	TM*	
60	TM	Trans-1,3-Dichloropropene	0.1749	0.1918	9.7	TM	
61	TM	1,1,2-TCA	0.0786	0.0783	0.39	TM	
62	TM	2-Hexanone	0.0493	0.0559	13	TM	
63	I	Chlorobenzene-D5 (IS)	ISTD			I	
64	S	Toluene-D8(S)	1.149	1.130	1.6	S	
65	TM	1,2-EDB	0.1319	0.1295	1.8	TM	
66	TML	Tetrachloroethene	0.2207	0.1168	47	TML	12
67	TM	1-Chlorohexane	0.0992	0.0928	6.5	TM	
68	TM	1,1,1,2-Tetrachloroethane	0.1860	0.1955	5.1	TM	
69	TM	m&p-Xylene	0.2826	0.2769	2.0	TM	
70	TM	o-Xylene	0.2964	0.2793	5.8	TM	
71	TM	Styrene	0.4463	0.4560	2.2	TM	
72	S	4-Bromofluorobenzene(S)	0.4641	0.4789	3.2	S	
73	TM	1,3-Dichloropropane	0.1940	0.1900	2.0	TM	
74	TM	Dibromochloromethane	0.1941	0.1960	1.0	TM	
75	TM**	Chlorobenzene	0.4334	0.4360	0.61	TM**	
76	TM*	Ethylbenzene	0.6860	0.6897	0.55	TM*	
77	TM**	Bromoform	0.1611	0.1581	1.9	TM**	
78	I	1,4-Dichlorobenzene-D (IS)	ISTD			I	
79	TM	Isopropylbenzene	1.166	1.132	2.9	TM	
80	TM**	1,1,2,2-Tetrachloroethane	0.2001	0.1866	6.8	TM**	
		Average			5.5		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Continuing Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Date Analyzed: 10/18/2021
Matrix: 0 Instrument: Max
Cal. Date: 10/15/2021
Data File: 1018M02.D

		Compound	MEAN	CCRF	%D		%Drift
81	TM	1,2,3-Trichloropropane	0.1000	0.1078	7.8	TM	
82	TML	t-1,4-Dichloro-2-Butene	0.0601	0.0497	17	TML	2.2
83	TM	Bromobenzene	0.3816	0.3694	3.2	TM	
84	TM	n-Propylbenzene	1.151	1.148	0.33	TM	
85	TM	4-Ethyltoluene	1.063	1.055	0.82	TM	
86	TM	2-Chlorotoluene	0.9129	0.8859	3.0	TM	
87	TM	1,3,5-Trimethylbenzene	0.9948	0.9841	1.1	TM	
88	TM	4-Chlorotoluene	0.9068	0.8920	1.6	TM	
89	TM	Tert-Butylbenzene	0.5492	0.5898	7.4	TM	
90	TM	1,2,4-Trimethylbenzene	0.9425	1.004	6.5	TM	
91	TM	Sec-Butylbenzene	1.051	1.119	6.5	TM	
92	TM	p-Isopropyltoluene	1.016	1.049	3.3	TM	
93	TM	Benzyl Chloride	0.2406	0.2663	11	TM	
94	TM	1,3-DCB	0.6644	0.6679	0.52	TM	
95	TM	1,4-DCB	0.6767	0.6445	4.8	TM	
96	TML	n-Butylbenzene	0.5721	0.6556	15	TML	3.9
97	TM	1,2-DCB	0.6504	0.6511	0.10	TM	
98	TM	Hexachloroethane	0.1703	0.1774	4.2	TM	
99	TML	1,2-Dibromo-3-chloropropane	0.0437	0.0594	36	TML	3.9
100	TML	1,2,4-Trichlorobenzene	0.1936	0.2146	11	TML	15
101	TML	Hexachlorobutadiene	0.2401	0.2473	3.0	TML	10
102	TMQ	Naphthalene	0.4088	0.4708	15	TMQ	1.2
103	TML	1,2,3-Trichlorobenzene	0.2371	0.3029	28	TML	8.6
104							
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114							
115							
116							
117							
118							
119							
120							
		Average			8.1		

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1018M02.D Vial: 2
Acq On : 18 Oct 21 14:46 Operator: LP,DG,CH
Sample : 211018A CCV 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 12:51 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.36	96	378168	25.00	ppb		0.02
65) Chlorobenzene-D5 (IS)	9.51	117	339257	25.00	ppb		0.02
80) 1,4-Dichlorobenzene-D (IS)	11.83	152	227417	25.00	ppb		0.01
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.58	111	114367	24.35	ppb		0.02
Spiked Amount 25.000			Recovery = 97.400%				
46) 1,2-DCA-D4(S)	5.97	65	81560	24.90	ppb		0.02
Spiked Amount 25.000			Recovery = 99.592%				
66) Toluene-D8(S)	8.07	98	383432	24.59	ppb		0.02
Spiked Amount 25.000			Recovery = 98.360%				
74) 4-Bromofluorobenzene(S)	10.69	95	162458	25.80	ppb		0.02
Spiked Amount 25.000			Recovery = 103.184%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.19	85	22144	9.78	ppb		99
4) Freon 114	1.29	85	13018	10.26	ppb		73
5) Chloromethane	1.34	50	12882	9.54	ppb		98
6) Vinyl chloride	1.42	62	15728	9.44	ppb		90
8) Bromomethane	1.69	94	13049	9.27	ppb		97
9) Chloroethane	1.78	64	9904	9.27	ppb		96
10) Dichlorofluoromethane	1.98	67	31989	8.75	ppb		93
11) Trichlorofluoromethane	2.01	101	43169	9.88	ppb		96
13) Acrolein	2.45	56	26632	125.53	ppb		90
14) Acetone	2.63	43	25004	50.71	ppb		92
15) Freon-113	2.54	151	16945	9.53	ppb		96
16) Acetonitrile	2.94	41	16693	142.46	ppb		92
18) 1,2-Dichlorotrifluoroethan	1.98	67	31989	8.75	ppb		100
19) 1,1-DCE	2.52	61	25179	9.51	ppb		97
20) t-Butanol	3.36	59	19813	129.57	ppb		99
21) Methyl Acetate	3.01	43	8887	10.72	ppb		92
22) Iodomethane	2.67	142	16665	9.17	ppb		92
23) Acrylonitrile	3.45	53	4685	10.04	ppb	#	85
25) Methylene chloride	3.10	84	17212	10.07	ppb		97
26) Carbon disulfide	2.73	76	20144	9.35	ppb		97
27) Methyl t-butyl ether (MtBE	3.49	73	58476	10.26	ppb		92
28) Trans-1,2-DCE	3.45	96	16717	9.05	ppb		94
29) 3-Methylpentane	3.49	57	9689	10.04	ppb	#	77
31) Diisopropyl Ether	4.27	45	38270	10.76	ppb		90
32) 1,1-DCA	4.08	63	27733	10.01	ppb		96
34) Ethyl tert Butyl Ether	4.79	59	48676	10.65	ppb		98
35) Methylcyclopentane	4.78	56	2077	10.64	ppb		100
36) MEK (2-Butanone)	5.01	43	28222	54.75	ppb		91
37) Cis-1,2-DCE	4.94	96	20267	9.91	ppb		86
38) 2,2-Dichloropropane	4.91	77	36251	10.20	ppb		95
39) Chloroform	5.38	83	37883	10.54	ppb		96
40) Bromochloromethane	5.24	130	15965	9.97	ppb	#	85
42) 1,1,1-TCA	5.56	97	40220	9.53	ppb		96
43) Cyclohexane	5.61	41	12061	9.99	ppb		85
44) 1,1-Dichloropropene	5.77	75	22664	9.89	ppb		91
45) 2,2,4-Trimethylpentane	6.14	57	31726	10.68	ppb		96
47) Carbon Tetrachloride	5.76	117	36369	9.16	ppb		94
48) Tert Amyl Methyl Ether	6.20	73	47919	10.64	ppb		95
49) 1,2-DCA	6.06	62	35982	10.12	ppb		96
50) Benzene	6.02	78	61525	9.28	ppb		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1018M02.D Vial: 2
Acq On : 18 Oct 21 14:46 Operator: LP,DG,CH
Sample : 211018A CCV 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 12:51 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.77	95	18739	8.83	ppb		90
52)	2-Pentanone	7.02	43	116033	134.66	ppb		97
53)	1,2-Dichloropropane	7.01	63	7092	9.62	ppb	#	88
54)	Bromodichloromethane	7.33	83	30579	10.27	ppb		94
55)	Methyl Cyclohexane	6.96	83	22414	9.82	ppb		88
56)	Dibromomethane	7.13	93	11885	9.18	ppb		86
57)	MIBK (methyl isobutyl ket	7.99	43	58418	53.01	ppb		97
58)	1-Bromo-2-chloroethane	7.64	144	4299	10.32	ppb		97
60)	Cis-1,3-Dichloropropene	7.81	75	27879	10.45	ppb	#	86
61)	Toluene	8.13	91	76385	9.96	ppb		98
62)	Trans-1,3-Dichloropropene	8.39	75	29015	10.97	ppb		89
63)	1,1,2-TCA	8.57	83	11842	9.96	ppb		99
64)	2-Hexanone	8.84	43	42249	56.69	ppb		97
67)	1,2-EDB	9.05	107	17577	9.82	ppb		96
68)	Tetrachloroethene	8.68	164	15845	8.80	ppb	#	83
69)	1-Chlorohexane	9.54	91	12589	9.35	ppb		95
70)	1,1,1,2-Tetrachloroethane	9.63	131	26530	10.51	ppb		97
71)	m&p-Xylene	9.78	106	75146	19.59	ppb		93
72)	o-Xylene	10.17	106	37907	9.42	ppb		90
73)	Styrene	10.19	104	61882	10.22	ppb		96
75)	1,3-Dichloropropane	8.73	76	25788	9.80	ppb	#	84
76)	Dibromochloromethane	8.95	129	26604	10.10	ppb		99
77)	Chlorobenzene	9.54	112	59169	10.06	ppb		96
78)	Ethylbenzene	9.66	91	93595	10.05	ppb		99
79)	Bromoform	10.37	173	21448	9.81	ppb		85
81)	Isopropylbenzene	10.55	105	102949	9.71	ppb		96
82)	1,1,2,2-Tetrachloroethane	10.86	83	16970	9.32	ppb		88
83)	1,2,3-Trichloropropane	10.89	110	9804	10.78	ppb		88
84)	t-1,4-Dichloro-2-Butene	10.92	53	4525	9.78	ppb		99
85)	Bromobenzene	10.83	156	33602	9.68	ppb		91
86)	n-Propylbenzene	10.96	91	104390	9.97	ppb		100
87)	4-Ethyltoluene	11.07	105	95930	9.92	ppb		96
88)	2-Chlorotoluene	11.03	91	80584	9.70	ppb		94
89)	1,3,5-Trimethylbenzene	11.14	105	89522	9.89	ppb		98
90)	4-Chlorotoluene	11.14	91	81140	9.84	ppb		98
91)	Tert-Butylbenzene	11.45	119	53656	10.74	ppb		96
92)	1,2,4-Trimethylbenzene	11.50	105	91322	10.65	ppb		95
93)	Sec-Butylbenzene	11.67	105	101806	10.65	ppb		97
94)	p-Isopropyltoluene	11.83	119	95423	10.33	ppb		98
95)	Benzyl Chloride	12.00	91	24223	11.07	ppb		98
96)	1,3-DCB	11.77	146	60753	10.05	ppb		97
97)	1,4-DCB	11.86	146	58631	9.52	ppb		95
98)	n-Butylbenzene	12.23	91	59634	9.61	ppb		97
99)	1,2-DCB	12.23	146	59226	10.01	ppb		94
100)	Hexachloroethane	12.47	117	16140	10.42	ppb		93
101)	1,2-Dibromo-3-chloropropan	13.00	75	5400	10.39	ppb	#	82
102)	1,2,4-Trichlorobenzene	13.82	180	19520	8.54	ppb		91
103)	Hexachlorobutadiene	14.00	225	22493	8.99	ppb		99
104)	Naphthalene	14.07	128	42823	9.88	ppb		97
105)	1,2,3-Trichlorobenzene	14.31	180	27555	9.14	ppb		92

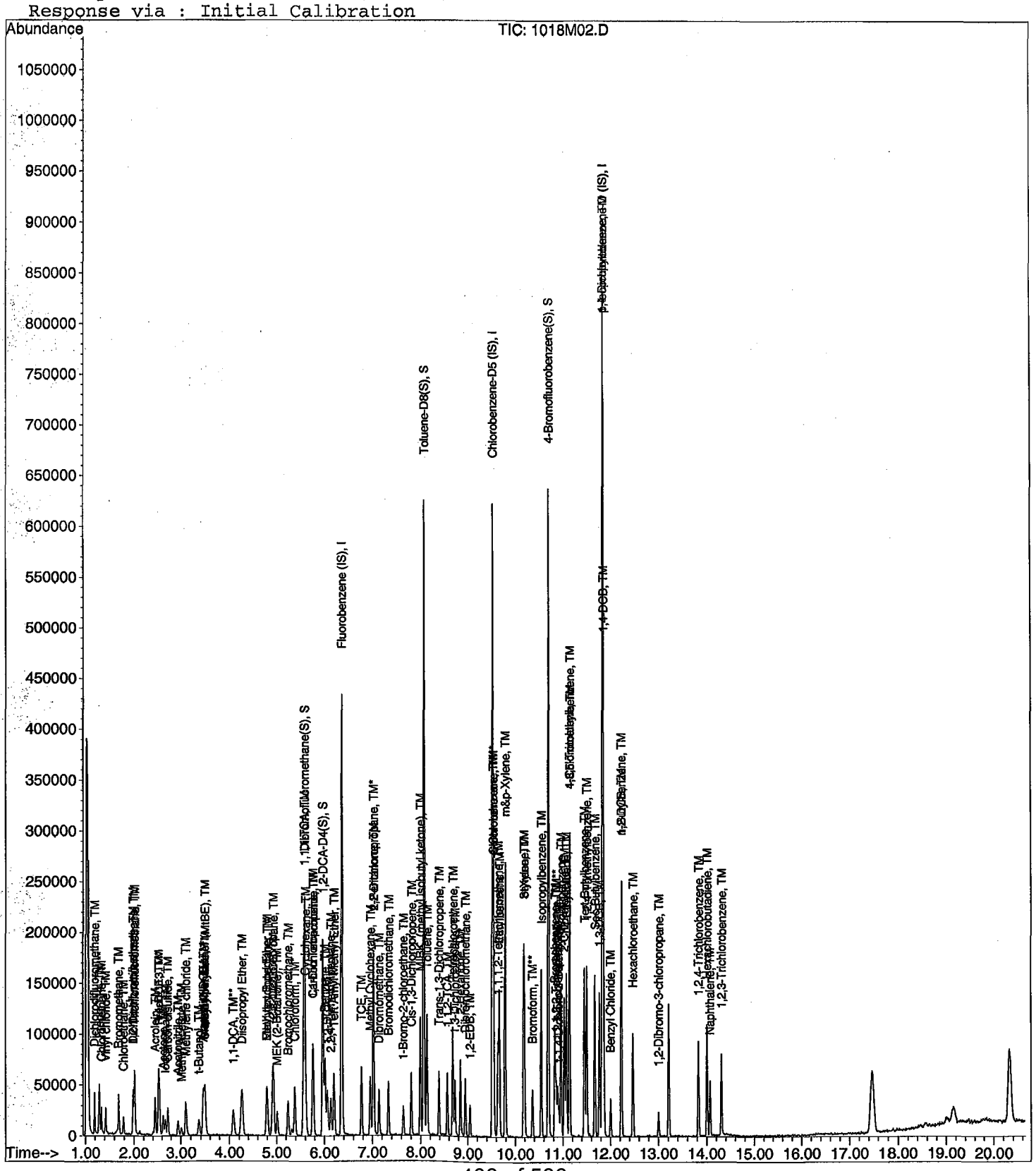
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1018M02.D Vial: 2
Acq On : 18 Oct 21 14:46 Operator: LP,DG,CH
Sample : 211018A CCV 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 12:51 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



VOLATILE ORGANIC ANALYSIS BY EPA METHOD 8260B

Form 7

Ending Continuing Calibration

Lab Name: APPL, Inc. SDG No:

Case No: Date Analyzed: 10/19/2021

Matrix: Instrument: Max

Initial Cal. Date: 10/15/2021

Data File: 1018M27.D

		Compound	MEAN	CCRF	%D	%Drift	
1	I	Fluorobenzene (IS)	ISTD			I	
2	TM	Chlorotrifluoroethene	0.0000	0.0122	0.00	TM	
3	TM	Dichlorodifluoromethane	0.1497	0.1492	0.34	TM	
4	TM	Freon 114	0.0839	0.0875	4.4	TM	
5	TM**	Chloromethane	0.0893	0.0893	0.04	TM**	
6	TM*	Vinyl chloride	0.1101	0.1131	2.7	TM*	
7	TM	2-Chloro-1,1,1-trifluoroethane	0.0000	0.0030	0.00	TM	
8	TM	Bromomethane	0.0931	0.0829	11	TM	
9	TML	Chloroethane	0.0844	0.0805	4.6	TML	11
10	TM	Dichlorofluoromethane	0.2416	0.2314	4.2	TM	
11	TM	Trichlorofluoromethane	0.2889	0.3254	13	TM	
12	TM	2,2-Dichloro-1,1,1-trifluoroethane	0.0000	0.0001	0.00	TM	
13	TMQ	Acrolein	0.0145	0.0110	24	TMQ	21
14	TM	Acetone	0.0326	0.0286	12	TM	
15	TM	Freon-113	0.1176	0.1192	1.4	TM	
16	TM	Acetonitrile	0.0077	0.0069	11	TM	
17	TML	2-propanol	0.0000	0.0012	0.00	TML	
18	TM	1,2-Dichlorotrifluoroethane	0.2416	0.2314	4.2	TM	
19	TM*	1,1-DCE	0.1751	0.1808	3.3	TM*	
20	TMQ	t-Butanol	0.0101	0.0092	9.0	TMQ	9.9
21	TMQ	Methyl Acetate	0.0528	0.0507	4.0	TMQ	7.6
22	TML	Iodomethane	0.1096	0.0959	13	TML	19
23	TML	Acrylonitrile	0.0252	0.0306	21	TML	0.85
24	TM	2-Methylpentane	0.0000	0.0003	0.00	TM	
25	TM	Methylene chloride	0.1130	0.1071	5.3	TM	
26	TM	Carbon disulfide	0.1424	0.1338	6.1	TM	
27	TM	Methyl t-butyl ether (MtBE)	0.3769	0.3799	0.79	TM	
28	TM	Trans-1,2-DCE	0.1221	0.1221	0.06	TM	
29	TML	3-Methylpentane	0.0702	0.0616	12	TML	3.7
30	TM	Hexane	0.0000	0.0003	0.00	TM	
31	TM	Diisopropyl Ether	0.2351	0.2510	6.8	TM	
32	TM**	1,1-DCA	0.1831	0.2012	9.9	TM**	
33	TM	Ethyl tert Butyl Ether	0.3021	0.3165	4.8	TM	
34	TML	Methylcyclopentane	0.0160	0.0116	28	TML	13
35	TM	MEK (2-Butanone)	0.0341	0.0307	9.8	TM	
36	TM	Cis-1,2-DCE	0.1352	0.1481	9.5	TM	
37	TM	2,2-Dichloropropane	0.2349	0.2231	5.0	TM	
38	TM*	Chloroform	0.2377	0.2722	15	TM*	
39	TML	Bromochloromethane	0.1040	0.1059	1.8	TML	0.07
40	S	Dibromofluoromethane(S)	0.3105	0.3119	0.46	S	
		Average			6.6		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Ending Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: 0

SDG No:
Date Analyzed: 10/19/2021
Instrument: Max
Cal. Date: 10/15/2021
Data File: 1018M27.D

		Compound	MEAN	CCRF	%D		%Drift
41	TM	1,1,1-TCA	0.2791	0.3123	12	TM	
42	TM	Cyclohexane	0.0798	0.0813	1.9	TM	
43	TM	1,1-Dichloropropene	0.1514	0.1658	9.5	TM	
44	TM	2,2,4-Trimethylpentane	0.1964	0.1877	4.4	TM	
45	S	1,2-DCA-D4(S)	0.2166	0.2104	2.8	S	
46	TM	Carbon Tetrachloride	0.2625	0.2601	0.91	TM	
47	TM	Tert Amyl Methyl Ether	0.2978	0.3074	3.2	TM	
48	TM	1,2-DCA	0.2350	0.2436	3.7	TM	
49	TM	Benzene	0.4384	0.4461	1.7	TM	
50	TM	TCE	0.1404	0.1536	9.4	TM	
51	TM	2-Pentanone	0.0570	0.0537	5.8	TM	
52	TM*L	1,2-Dichloropropane	0.0476	0.0518	8.8	TM*L	6.7
53	TM	Bromodichloromethane	0.1968	0.2126	8.1	TM	
54	TML	Methyl Cyclohexane	0.1542	0.1545	0.18	TML	2.3
55	TM	Dibromomethane	0.0856	0.0759	11	TM	
56	TM	MIBK (methyl isobutyl ketone)	0.0729	0.0710	2.5	TM	
57	TML	1-Bromo-2-chloroethane	0.0245	0.0313	28	TML	14
58	TM	2-Chloroethyl vinyl ether	0.0000	0.0001	0.00	TM	
59	TM	Cis-1,3-Dichloropropene	0.1763	0.1897	7.6	TM	
60	TM*	Toluene	0.5070	0.5429	7.1	TM*	
61	TM	Trans-1,3-Dichloropropene	0.1749	0.1761	0.69	TM	
62	TM	1,1,2-TCA	0.0786	0.0753	4.1	TM	
63	TM	2-Hexanone	0.0493	0.0463	6.0	TM	
64	I	Chlorobenzene-D5 (IS)	ISTD			I	
65	S	Toluene-D8(S)	1.149	1.148	0.13	S	
66	TM	1,2-EDB	0.1319	0.1362	3.3	TM	
67	TML	Tetrachloroethene	0.2207	0.1155	48	TML	13
68	TM	1-Chlorohexane	0.0992	0.0968	2.4	TM	
69	TM	1,1,1,2-Tetrachloroethane	0.1860	0.2044	9.9	TM	
70	TM	m&p-Xylene	0.2826	0.3059	8.3	TM	
71	TM	o-Xylene	0.2964	0.3140	5.9	TM	
72	TM	Styrene	0.4463	0.4666	4.6	TM	
73	S	4-Bromofluorobenzene(S)	0.4641	0.4560	1.7	S	
74	TM	1,3-Dichloropropane	0.1940	0.1959	1.00	TM	
75	TM	Dibromochloromethane	0.1941	0.1995	2.8	TM	
76	TM**	Chlorobenzene	0.4334	0.4466	3.1	TM**	
77	TM*	Ethylbenzene	0.6860	0.7087	3.3	TM*	
78	TM**	Bromoform	0.1611	0.1553	3.6	TM**	
79	I	1,4-Dichlorobenzene-D (IS)	ISTD			I	
80	TM	Isopropylbenzene	1.166	1.215	4.2	TM	
		Average			6.4		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Ending Continuing Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Date Analyzed: 10/19/2021
Matrix: 0 Instrument: Max
Cal. Date: 10/15/2021
Data File: 1018M27.D

		Compound	MEAN	CCRF	%D		%Drift
81	TM**	1,1,2,2-Tetrachloroethane	0.2001	0.1652	17	TM**	
82	TM	1,2,3-Trichloropropane	0.1000	0.0977	2.3	TM	
83	TML	t-1,4-Dichloro-2-Butene	0.0601	0.0476	21	TML	6.4
84	TM	Bromobenzene	0.3816	0.3994	4.7	TM	
85	TM	n-Propylbenzene	1.151	1.172	1.7	TM	
86	TM	4-Ethyltoluene	1.063	1.112	4.6	TM	
87	TM	2-Chlorotoluene	0.9129	0.9441	3.4	TM	
88	TM	1,3,5-Trimethylbenzene	0.9948	1.085	9.0	TM	
89	TM	4-Chlorotoluene	0.9068	0.9393	3.6	TM	
90	TM	Tert-Butylbenzene	0.5492	0.6281	14	TM	
91	TM	1,2,4-Trimethylbenzene	0.9425	1.076	14	TM	
92	TM	Sec-Butylbenzene	1.051	1.138	8.3	TM	
93	TM	p-Isopropyltoluene	1.016	1.099	8.2	TM	
94	TM	Benzyl Chloride	0.2406	0.1829	24	TM	
95	TM	1,3-DCB	0.6644	0.6788	2.2	TM	
96	TM	1,4-DCB	0.6767	0.6691	1.1	TM	
97	TML	n-Butylbenzene	0.5721	0.6166	7.8	TML	8.8
98	TM	1,2-DCB	0.6504	0.6973	7.2	TM	
99	TM	Hexachloroethane	0.1703	0.1785	4.8	TM	
100	TML	1,2-Dibromo-3-chloropropane	0.0437	0.0486	11	TML	13
101	TML	1,2,4-Trichlorobenzene	0.1936	0.2135	10	TML	15
102	TML	Hexachlorobutadiene	0.2401	0.2450	2.0	TML	11
103	TMQ	Naphthalene	0.4088	0.4076	0.29	TMQ	13
104	TML	1,2,3-Trichlorobenzene	0.2371	0.2617	10	TML	17
105							
106							
107							
108							
109							
110							
111							
112							
113							
114							
115							
116							
117							
118							
119							
120							
		Average			8.0		

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1018M27.D Vial: 27
Acq On : 19 Oct 21 2:35 Operator: LP,DG,CH
Sample : Ending CCV 10ug/L 10/18/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 12:51 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.36	96	375402	25.00	ppb		0.02
65) Chlorobenzene-D5 (IS)	9.51	117	337597	25.00	ppb		0.02
80) 1,4-Dichlorobenzene-D (IS)	11.83	152	222240	25.00	ppb		0.01
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.57	111	117095	25.12	ppb		0.01
Spiked Amount 25.000			Recovery = 100.460%				
46) 1,2-DCA-D4(S)	5.97	65	78984	24.29	ppb		0.02
Spiked Amount 25.000			Recovery = 97.156%				
66) Toluene-D8(S)	8.06	98	387406	24.97	ppb		0.01
Spiked Amount 25.000			Recovery = 99.868%				
74) 4-Bromofluorobenzene(S)	10.69	95	153960	24.57	ppb		0.01
Spiked Amount 25.000			Recovery = 98.268%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.19	85	22400	9.97	ppb		92
4) Freon 114	1.29	85	13143	10.44	ppb		84
5) Chloromethane	1.34	50	13416	10.00	ppb		88
6) Vinyl chloride	1.42	62	16982	10.27	ppb		92
8) Bromomethane	1.69	94	12451	8.91	ppb	#	74
9) Chloroethane	1.79	64	12094	11.15	ppb		94
10) Dichlorofluoromethane	1.98	67	34741	9.58	ppb		96
11) Trichlorofluoromethane	2.01	101	48859	11.26	ppb		99
13) Acrolein	2.44	56	20670	98.65	ppb		97
14) Acetone	2.62	43	21450	43.82	ppb		94
15) Freon-113	2.54	151	17905	10.14	ppb		94
16) Acetonitrile	2.94	41	12922	111.09	ppb	#	92
18) 1,2-Dichlorotrifluoroethan	1.98	67	34741	9.58	ppb		100
19) 1,1-DCE	2.52	61	27152	10.33	ppb		98
20) t-Butanol	3.35	59	17309	112.61	ppb		92
21) Methyl Acetate	3.01	43	7608	9.24	ppb		99
22) Iodomethane	2.67	142	14393	8.14	ppb		99
23) Acrylonitrile	3.46	53	4592	9.91	ppb	#	88
25) Methylene chloride	3.10	84	16075	9.47	ppb	#	79
26) Carbon disulfide	2.73	76	20088	9.39	ppb	#	90
27) Methyl t-butyl ether (MtBE	3.49	73	57051	10.08	ppb		94
28) Trans-1,2-DCE	3.45	96	18339	10.01	ppb		93
29) 3-Methylpentane	3.48	57	9245	9.63	ppb		93
31) Diisopropyl Ether	4.26	45	37694	10.68	ppb		91
32) 1,1-DCA	4.08	63	30214	10.99	ppb		98
34) Ethyl tert Butyl Ether	4.79	59	47521	10.48	ppb		90
35) Methylcyclopentane	4.79	56	1735	8.73	ppb		100
36) MEK (2-Butanone)	5.01	43	23073	45.09	ppb		98
37) Cis-1,2-DCE	4.93	96	22239	10.95	ppb		95
38) 2,2-Dichloropropane	4.91	77	33496	9.50	ppb		99
39) Chloroform	5.38	83	40878	11.45	ppb		88
40) Bromochloromethane	5.24	130	15902	10.01	ppb		93
42) 1,1,1-TCA	5.56	97	46889	11.19	ppb		98
43) Cyclohexane	5.60	41	12210	10.19	ppb		85
44) 1,1-Dichloropropene	5.77	75	24890	10.95	ppb		93
45) 2,2,4-Trimethylpentane	6.14	57	28183	9.56	ppb		89
47) Carbon Tetrachloride	5.75	117	39059	9.91	ppb		90
48) Tert Amyl Methyl Ether	6.20	73	46153	10.32	ppb		94
49) 1,2-DCA	6.06	62	36585	10.37	ppb		99
50) Benzene	6.01	78	66982	10.17	ppb		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1018M27.D Vial: 27
Acq On : 19 Oct 21 2:35 Operator: LP,DG,CH
Sample : Ending CCV 10ug/L 10/18/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 12:51 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.77	95	23063	10.94	ppb		85
52)	2-Pentanone	7.02	43	100764	117.80	ppb		96
53)	1,2-Dichloropropane	7.01	63	7781	10.67	ppb		98
54)	Bromodichloromethane	7.33	83	31931	10.81	ppb		93
55)	Methyl Cyclohexane	6.95	83	23194	10.23	ppb		98
56)	Dibromomethane	7.14	93	11398	8.87	ppb		83
57)	MIBK (methyl isobutyl ket	7.99	43	53311	48.73	ppb	#	93
58)	1-Bromo-2-chloroethane	7.64	144	4698	11.36	ppb		87
60)	Cis-1,3-Dichloropropene	7.80	75	28483	10.76	ppb		97
61)	Toluene	8.13	91	81527	10.71	ppb		98
62)	Trans-1,3-Dichloropropene	8.39	75	26437	10.07	ppb		100
63)	1,1,2-TCA	8.56	83	11313	9.59	ppb		95
64)	2-Hexanone	8.84	43	34785	47.02	ppb	#	91
67)	1,2-EDB	9.04	107	18398	10.33	ppb		98
68)	Tetrachloroethene	8.68	164	15592	8.68	ppb		91
69)	1-Chlorohexane	9.54	91	13073	9.76	ppb		94
70)	1,1,1,2-Tetrachloroethane	9.64	131	27605	10.99	ppb		98
71)	m&p-Xylene	9.78	106	82628	21.65	ppb		95
72)	o-Xylene	10.18	106	42401	10.59	ppb		91
73)	Styrene	10.19	104	63004	10.46	ppb		98
75)	1,3-Dichloropropane	8.73	76	26452	10.10	ppb		87
76)	Dibromochloromethane	8.95	129	26945	10.28	ppb		98
77)	Chlorobenzene	9.54	112	60315	10.31	ppb		93
78)	Ethylbenzene	9.66	91	95704	10.33	ppb		95
79)	Bromoform	10.36	173	20978	9.64	ppb		98
81)	Isopropylbenzene	10.54	105	107994	10.42	ppb		97
82)	1,1,2,2-Tetrachloroethane	10.86	83	14686	8.26	ppb	#	91
83)	1,2,3-Trichloropropane	10.89	110	8683	9.77	ppb	#	77
84)	t-1,4-Dichloro-2-Butene	10.91	53	4228	9.36	ppb		84
85)	Bromobenzene	10.83	156	35509	10.47	ppb		85
86)	n-Propylbenzene	10.96	91	104145	10.17	ppb		100
87)	4-Ethyltoluene	11.07	105	98871	10.46	ppb		95
88)	2-Chlorotoluene	11.03	91	83925	10.34	ppb		86
89)	1,3,5-Trimethylbenzene	11.14	105	96423	10.90	ppb		99
90)	4-Chlorotoluene	11.14	91	83499	10.36	ppb		98
91)	Tert-Butylbenzene	11.46	119	55840	11.44	ppb		97
92)	1,2,4-Trimethylbenzene	11.50	105	95650	11.42	ppb		97
93)	Sec-Butylbenzene	11.67	105	101138	10.83	ppb		99
94)	p-Isopropyltoluene	11.83	119	97700	10.82	ppb		99
95)	Benzyl Chloride	12.00	91	16261	7.60	ppb		97
96)	1,3-DCB	11.77	146	60342	10.22	ppb		98
97)	1,4-DCB	11.86	146	59480	9.89	ppb		94
98)	n-Butylbenzene	12.23	91	54811	9.12	ppb		97
99)	1,2-DCB	12.23	146	61987	10.72	ppb		95
100)	Hexachloroethane	12.47	117	15866	10.48	ppb		98
101)	1,2-Dibromo-3-chloropropan	13.00	75	4321	8.70	ppb		88
102)	1,2,4-Trichlorobenzene	13.82	180	18976	8.51	ppb		89
103)	Hexachlorobutadiene	14.00	225	21780	8.92	ppb		97
104)	Naphthalene	14.07	128	36236	8.73	ppb		97
105)	1,2,3-Trichlorobenzene	14.31	180	23267	8.25	ppb		88

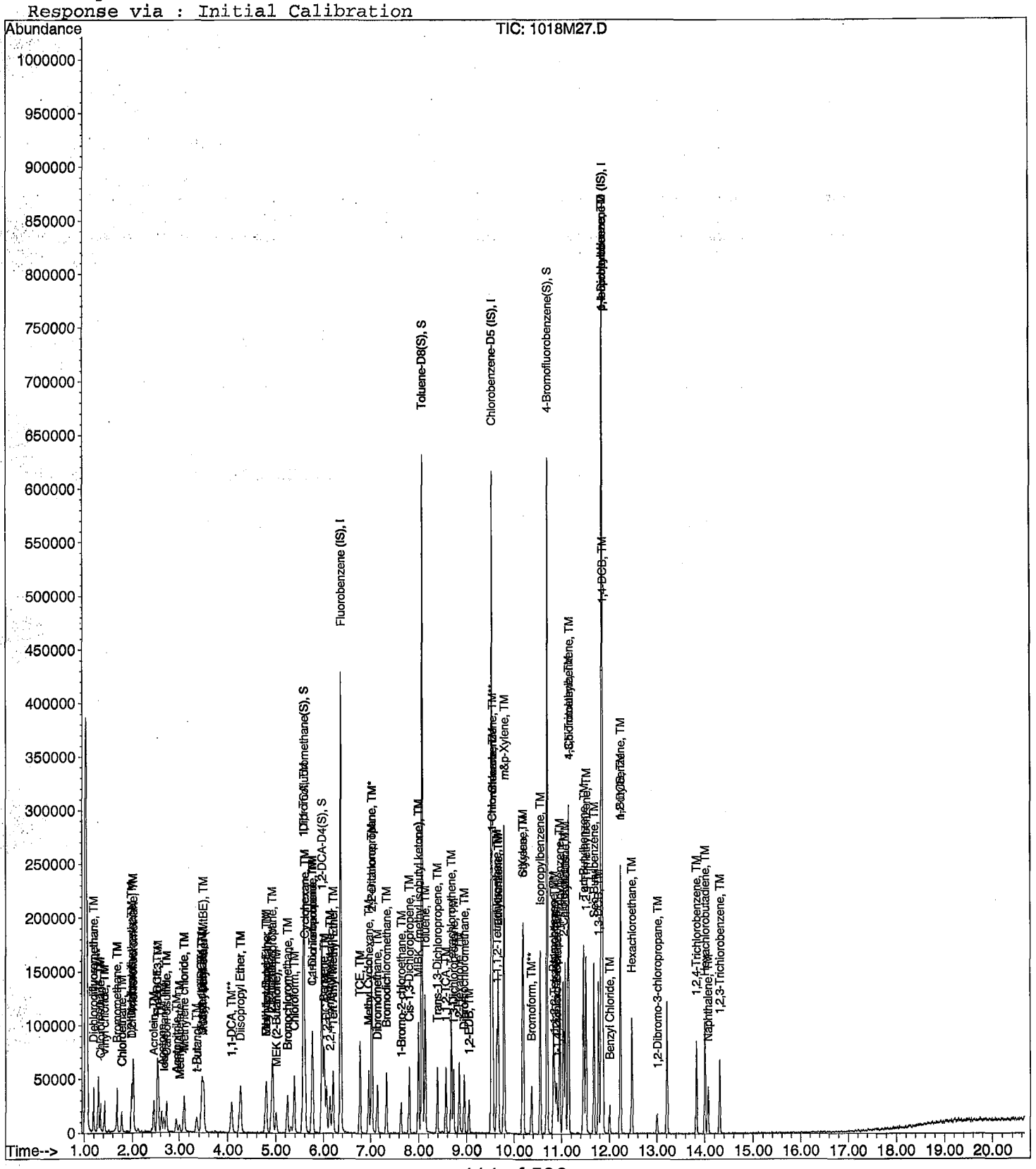
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1018M27.D Vial: 27
Acq On : 19 Oct 21 2:35 Operator: LP,DG,CH
Sample : Ending CCV 10ug/L 10/18/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 12:51 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



VOLATILE ORGANIC ANALYSIS BY EPA METHOD 8260B

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix:

SDG No:
Date Analyzed: 10/20/2021
Instrument: Max
Initial Cal. Date: 10/15/2021
Data File: 1020M03.D

		Compound	MEAN	CCRF	%D		%Drift	
1	I	Fluorobenzene (IS)	ISTD			I		
2	TM	Chlorotrifluoroethene	0.0000	0.0061	0.00	TM		
3	TM	Dichlorodifluoromethane	0.1497	0.1466	2.1	TM		
4	TM	Freon 114	0.0839	0.1123	34	TM		*
5	TM**	Chloromethane	0.0893	0.0839	6.1	TM**		
6	TM*	Vinyl chloride	0.1101	0.0974	12	TM*		
7	TM	2-Chloro-1,1,1-trifluoroethane	0.0000	0.0030	0.00	TM		
8	TM	Bromomethane	0.0931	0.0803	14	TM		
9	TML	Chloroethane	0.0844	0.0629	26	TML	11	
10	TM	Dichlorofluoromethane	0.2416	0.2207	8.7	TM		
11	TM	Trichlorofluoromethane	0.2889	0.2733	5.4	TM		
12	TMQ	Acrolein	0.0145	0.0122	15	TMQ	13	
13	TM	Acetone	0.0326	0.0312	4.4	TM		
14	TM	Freon-113	0.1176	0.1137	3.3	TM		
15	TM	Acetonitrile	0.0077	0.0079	1.6	TM		
16	TML	2-propanol	0.0000	0.0013	0.00	TML		
17	TM	1,2-Dichlorotrifluoroethane	0.2416	0.2207	8.7	TM		
18	TM*	1,1-DCE	0.1751	0.1497	14	TM*		
19	TMQ	t-Butanol	0.0101	0.0113	11	TMQ	12	
20	TMQ	Methyl Acetate	0.0528	0.0633	20	TMQ	15	
21	TML	Iodomethane	0.1096	0.0994	9.3	TML	16	
22	TML	Acrylonitrile	0.0252	0.0299	19	TML	3.1	
23	TM	Methylene chloride	0.1130	0.1057	6.4	TM		
24	TM	Carbon disulfide	0.1424	0.1247	12	TM		
25	TM	Methyl t-butyl ether (MtBE)	0.3769	0.3598	4.5	TM		
26	TM	Trans-1,2-DCE	0.1221	0.1067	13	TM		
27	TML	3-Methylpentane	0.0702	0.0620	12	TML	2.9	
28	TM	Hexane	0.0000	0.0003	0.00	TM		
29	TM	Diisopropyl Ether	0.2351	0.2382	1.3	TM		
30	TM**	1,1-DCA	0.1831	0.1786	2.5	TM**		
31	TM	Ethyl tert Butyl Ether	0.3021	0.3054	1.1	TM		
32	TML	Methylcyclopentane	0.0160	0.0043	73	TML	77	*
33	TM	MEK (2-Butanone)	0.0341	0.0355	4.1	TM		
34	TM	Cis-1,2-DCE	0.1352	0.1290	4.6	TM		
35	TM	2,2-Dichloropropane	0.2349	0.2192	6.7	TM		
36	TM*	Chloroform	0.2377	0.2389	0.51	TM*		
37	TML	Bromochloromethane	0.1040	0.0980	5.8	TML	7.7	
38	S	Dibromofluoromethane(S)	0.3105	0.3048	1.8	S		
39	TM	1,1,1-TCA	0.2791	0.2700	3.3	TM		
40	TM	Cyclohexane	0.0798	0.0754	5.5	TM		
		Average			9.6			

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Continuing Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Date Analyzed: 10/20/2021
Matrix: 0 Instrument: Max
Cal. Date: 10/15/2021
Data File: 1020M03.D

		Compound	MEAN	CCRF	%D		%Drift
41	TM	1,1-Dichloropropene	0.1514	0.1449	4.3	TM	
42	TM	2,2,4-Trimethylpentane	0.1964	0.2157	9.8	TM	
43	S	1,2-DCA-D4(S)	0.2166	0.2145	0.94	S	
44	TM	Carbon Tetrachloride	0.2625	0.2381	9.3	TM	
45	TM	Tert Amyl Methyl Ether	0.2978	0.3066	2.9	TM	
46	TM	1,2-DCA	0.2350	0.2273	3.3	TM	
47	TM	Benzene	0.4384	0.3983	9.2	TM	
48	TM	TCE	0.1404	0.1228	12	TM	
49	TM	2-Pentanone	0.0570	0.0588	3.2	TM	
50	TM*L	1,2-Dichloropropane	0.0476	0.0438	8.1	TM*L	10
51	TM	Bromodichloromethane	0.1968	0.1843	6.3	TM	
52	TML	Methyl Cyclohexane	0.1542	0.1555	0.82	TML	2.9
53	TM	Dibromomethane	0.0856	0.0781	8.8	TM	
54	TM	MIBK (methyl isobutyl ketone)	0.0729	0.0771	5.8	TM	
55	TML	1-Bromo-2-chloroethane	0.0245	0.0255	4.0	TML	7.4
56	TM	Cis-1,3-Dichloropropene	0.1763	0.1796	1.8	TM	
57	TM*	Toluene	0.5070	0.4733	6.6	TM*	
58	TM	Trans-1,3-Dichloropropene	0.1749	0.1798	2.8	TM	
59	TM	1,1,2-TCA	0.0786	0.0716	8.9	TM	
60	TM	2-Hexanone	0.0493	0.0518	5.1	TM	
61	I	Chlorobenzene-D5 (IS)	ISTD			I	
62	S	Toluene-D8(S)	1.149	1.143	0.52	S	
63	TM	1,2-EDB	0.1319	0.1237	6.2	TM	
64	TML	Tetrachloroethene	0.2207	0.1165	47	TML	12
65	TM	1-Chlorohexane	0.0992	0.0868	13	TM	
66	TM	1,1,1,2-Tetrachloroethane	0.1860	0.1817	2.3	TM	
67	TM	m&p-Xylene	0.2826	0.2735	3.2	TM	
68	TM	o-Xylene	0.2964	0.2673	9.8	TM	
69	TM	Styrene	0.4463	0.4188	6.1	TM	
70	S	4-Bromofluorobenzene(S)	0.4641	0.4614	0.57	S	
71	TM	1,3-Dichloropropane	0.1940	0.1870	3.6	TM	
72	TM	Dibromochloromethane	0.1941	0.1805	7.0	TM	
73	TM**	Chlorobenzene	0.4334	0.4043	6.7	TM**	
74	TM*	Ethylbenzene	0.6860	0.6414	6.5	TM*	
75	TM**	Bromoform	0.1611	0.1452	9.9	TM**	
76	I	1,4-Dichlorobenzene-D (IS)	ISTD			I	
77	TM	Isopropylbenzene	1.166	1.053	9.7	TM	
78	TM**	1,1,2,2-Tetrachloroethane	0.2001	0.1792	10	TM**	
79	TM	1,2,3-Trichloropropane	0.1000	0.0875	13	TM	
80	TML	t-1,4-Dichloro-2-Butene	0.0601	0.0553	7.9	TML	8.5
		Average			7.3		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Continuing Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Date Analyzed: 10/20/2021
Matrix: 0 Instrument: Max
Cal. Date: 10/15/2021
Data File: 1020M03.D

		Compound	MEAN	CCRF	%D		%Drift	
81	TM	Bromobenzene	0.3816	0.3464	9.2	TM		
82	TM	n-Propylbenzene	1.151	1.058	8.1	TM		
83	TM	4-Ethyltoluene	1.063	1.043	1.9	TM		
84	TM	2-Chlorotoluene	0.9129	0.8213	10	TM		
85	TM	1,3,5-Trimethylbenzene	0.9948	0.9496	4.5	TM		
86	TM	4-Chlorotoluene	0.9068	0.8432	7.0	TM		
87	TM	Tert-Butylbenzene	0.5492	0.5498	0.11	TM		
88	TM	1,2,4-Trimethylbenzene	0.9425	0.9057	3.9	TM		
89	TM	Sec-Butylbenzene	1.051	1.070	1.8	TM		
90	TM	p-Isopropyltoluene	1.016	0.9849	3.1	TM		
91	TM	Benzyl Chloride	0.2406	0.2133	11	TM		
92	TM	1,3-DCB	0.6644	0.6277	5.5	TM		
93	TM	1,4-DCB	0.6767	0.6184	8.6	TM		
94	TML	n-Butylbenzene	0.5721	0.5769	0.83	TML	14	
95	TM	1,2-DCB	0.6504	0.5966	8.3	TM		
96	TM	Hexachloroethane	0.1703	0.1553	8.8	TM		
97	TML	1,2-Dibromo-3-chloropropane	0.0437	0.0386	12	TML	29	*
98	TML	1,2,4-Trichlorobenzene	0.1936	0.2049	5.8	TML	17	
99	TML	Hexachlorobutadiene	0.2401	0.2469	2.8	TML	10	
100	TMQ	Naphthalene	0.4088	0.3718	9.1	TMQ	19	
101	TML	1,2,3-Trichlorobenzene	0.2371	0.2771	17	TML	14	
102								
103								
104								
105								
106								
107								
108								
109								
110								
111								
112								
113								
114								
115								
116								
117								
118								
119								
120								
		Average			6.6			

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1020M03.D Vial: 3
Acq On : 20 Oct 21 12:20 Operator: LP,DG,CH
Sample : 211020A CCV/LCS 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 21 10:13 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.37	96	383515	25.00	ppb		0.03
65) Chlorobenzene-D5 (IS)	9.52	117	340859	25.00	ppb		0.02
80) 1,4-Dichlorobenzene-D (IS)	11.84	152	229091	25.00	ppb		0.02
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.59	111	116906	24.54	ppb		0.03
Spiked Amount 25.000			Recovery = 98.176%				
46) 1,2-DCA-D4(S)	5.98	65	82272	24.76	ppb		0.03
Spiked Amount 25.000			Recovery = 99.060%				
66) Toluene-D8(S)	8.07	98	389619	24.87	ppb		0.02
Spiked Amount 25.000			Recovery = 99.476%				
74) 4-Bromofluorobenzene(S)	10.70	95	157286	24.86	ppb		0.02
Spiked Amount 25.000			Recovery = 99.432%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.19	85	22488	9.79	ppb		97
4) Freon 114	1.30	85	17235	13.40	ppb		74
5) Chloromethane	1.34	50	12871	9.39	ppb		94
6) Vinyl chloride	1.43	62	14945	8.85	ppb		94
8) Bromomethane	1.69	94	12320	8.63	ppb		95
9) Chloroethane	1.78	64	9642	8.94	ppb		99
10) Dichlorofluoromethane	1.98	67	33849	9.13	ppb		100
11) Trichlorofluoromethane	2.02	101	41932	9.46	ppb		91
13) Acrolein	2.45	56	23443	109.33	ppb		98
14) Acetone	2.63	43	23896	47.79	ppb		97
15) Freon-113	2.54	151	17435	9.67	ppb		92
16) Acetonitrile	2.95	41	15088	126.97	ppb		92
18) 1,2-Dichlorotrifluoroethan	1.98	67	33849	9.13	ppb		100
19) 1,1-DCE	2.53	61	22968	8.55	ppb		92
20) t-Butanol	3.37	59	21590	140.44	ppb		97
21) Methyl Acetate	3.02	43	9708	11.54	ppb		98
22) Iodomethane	2.68	142	15245	8.39	ppb		97
23) Acrylonitrile	3.47	53	4587	9.69	ppb	#	91
25) Methylene chloride	3.11	84	16219	9.36	ppb		99
26) Carbon disulfide	2.73	76	19136	8.76	ppb		97
27) Methyl t-butyl ether (MtBE	3.50	73	55197	9.55	ppb		98
28) Trans-1,2-DCE	3.46	96	16376	8.75	ppb		98
29) 3-Methylpentane	3.50	57	9514	9.71	ppb		98
31) Diisopropyl Ether	4.27	45	36534	10.13	ppb		97
32) 1,1-DCA	4.10	63	27394	9.75	ppb	#	90
34) Ethyl tert Butyl Ether	4.80	59	46856	10.11	ppb		91
35) Methylcyclopentane	4.79	56	654	2.33	ppb		100
36) MEK (2-Butanone)	5.02	43	27203	52.03	ppb		93
37) Cis-1,2-DCE	4.94	96	19791	9.54	ppb		91
38) 2,2-Dichloropropane	4.92	77	33620	9.33	ppb	#	91
39) Chloroform	5.39	83	36648	10.05	ppb		95
40) Bromochloromethane	5.25	130	15030	9.23	ppb		92
42) 1,1,1-TCA	5.57	97	41422	9.67	ppb		95
43) Cyclohexane	5.62	41	11573	9.45	ppb		96
44) 1,1-Dichloropropene	5.78	75	22235	9.57	ppb	#	85
45) 2,2,4-Trimethylpentane	6.14	57	33088	10.98	ppb		83
47) Carbon Tetrachloride	5.76	117	36530	9.07	ppb		93
48) Tert Amyl Methyl Ether	6.21	73	47032	10.29	ppb	#	92
49) 1,2-DCA	6.07	62	34869	9.67	ppb		100
50) Benzene	6.02	78	61095	9.08	ppb		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1020M03.D Vial: 3
Acq On : 20 Oct 21 12:20 Operator: LP,DG,CH
Sample : 211020A CCV/LCS 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 21 10:13 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.77	95	18844	8.75	ppb		83
52)	2-Pentanone	7.03	43	112683	128.95	ppb		98
53)	1,2-Dichloropropane	7.02	63	6712	8.96	ppb		94
54)	Bromodichloromethane	7.34	83	28279	9.37	ppb		99
55)	Methyl Cyclohexane	6.96	83	23848	10.29	ppb		97
56)	Dibromomethane	7.14	93	11978	9.12	ppb		93
57)	MIBK (methyl isobutyl ket	8.00	43	59138	52.92	ppb		96
58)	1-Bromo-2-chloroethane	7.65	144	3913	9.26	ppb		100
60)	Cis-1,3-Dichloropropene	7.81	75	27546	10.18	ppb		91
61)	Toluene	8.14	91	72613	9.34	ppb		96
62)	Trans-1,3-Dichloropropene	8.39	75	27579	10.28	ppb		93
63)	1,1,2-TCA	8.57	83	10988	9.11	ppb		96
64)	2-Hexanone	8.85	43	39706	52.53	ppb		95
67)	1,2-EDB	9.05	107	16862	9.38	ppb		100
68)	Tetrachloroethene	8.69	164	15884	8.77	ppb		84
69)	1-Chlorohexane	9.55	91	11830	8.74	ppb		99
70)	1,1,1,2-Tetrachloroethane	9.64	131	24767	9.77	ppb		95
71)	m&p-Xylene	9.79	106	74585	19.36	ppb		96
72)	o-Xylene	10.18	106	36444	9.02	ppb		90
73)	Styrene	10.20	104	57104	9.39	ppb		97
75)	1,3-Dichloropropane	8.74	76	25503	9.64	ppb		88
76)	Dibromochloromethane	8.95	129	24604	9.30	ppb		96
77)	Chlorobenzene	9.55	112	55127	9.33	ppb		97
78)	Ethylbenzene	9.67	91	87453	9.35	ppb		96
79)	Bromoform	10.37	173	19801	9.01	ppb		94
81)	Isopropylbenzene	10.55	105	96460	9.03	ppb		98
82)	1,1,2,2-Tetrachloroethane	10.86	83	16423	8.96	ppb		89
83)	1,2,3-Trichloropropane	10.89	110	8019	8.75	ppb		88
84)	t-1,4-Dichloro-2-Butene	10.92	53	5071	10.85	ppb	#	59
85)	Bromobenzene	10.83	156	31739	9.08	ppb		100
86)	n-Propylbenzene	10.96	91	96944	9.19	ppb		100
87)	4-Ethyltoluene	11.08	105	95566	9.81	ppb		96
88)	2-Chlorotoluene	11.04	91	75258	9.00	ppb		95
89)	1,3,5-Trimethylbenzene	11.14	105	87015	9.55	ppb		100
90)	4-Chlorotoluene	11.15	91	77264	9.30	ppb		97
91)	Tert-Butylbenzene	11.46	119	50384	10.01	ppb		97
92)	1,2,4-Trimethylbenzene	11.51	105	82992	9.61	ppb		99
93)	Sec-Butylbenzene	11.68	105	98031	10.18	ppb		99
94)	p-Isopropyltoluene	11.83	119	90257	9.69	ppb		99
95)	Benzyl Chloride	12.01	91	19544	8.87	ppb		94
96)	1,3-DCB	11.77	146	57524	9.45	ppb		97
97)	1,4-DCB	11.86	146	56669	9.14	ppb		93
98)	n-Butylbenzene	12.24	91	52862	8.61	ppb		97
99)	1,2-DCB	12.23	146	54672	9.17	ppb		97
100)	Hexachloroethane	12.48	117	14227	9.12	ppb		99
101)	1,2-Dibromo-3-chloropropan	13.01	75	3538	7.12	ppb	#	87
102)	1,2,4-Trichlorobenzene	13.83	180	18776	8.25	ppb		88
103)	Hexachlorobutadiene	14.01	225	22622	8.98	ppb		95
104)	Naphthalene	14.07	128	34066	8.07	ppb	#	94
105)	1,2,3-Trichlorobenzene	14.32	180	25391	8.59	ppb		84

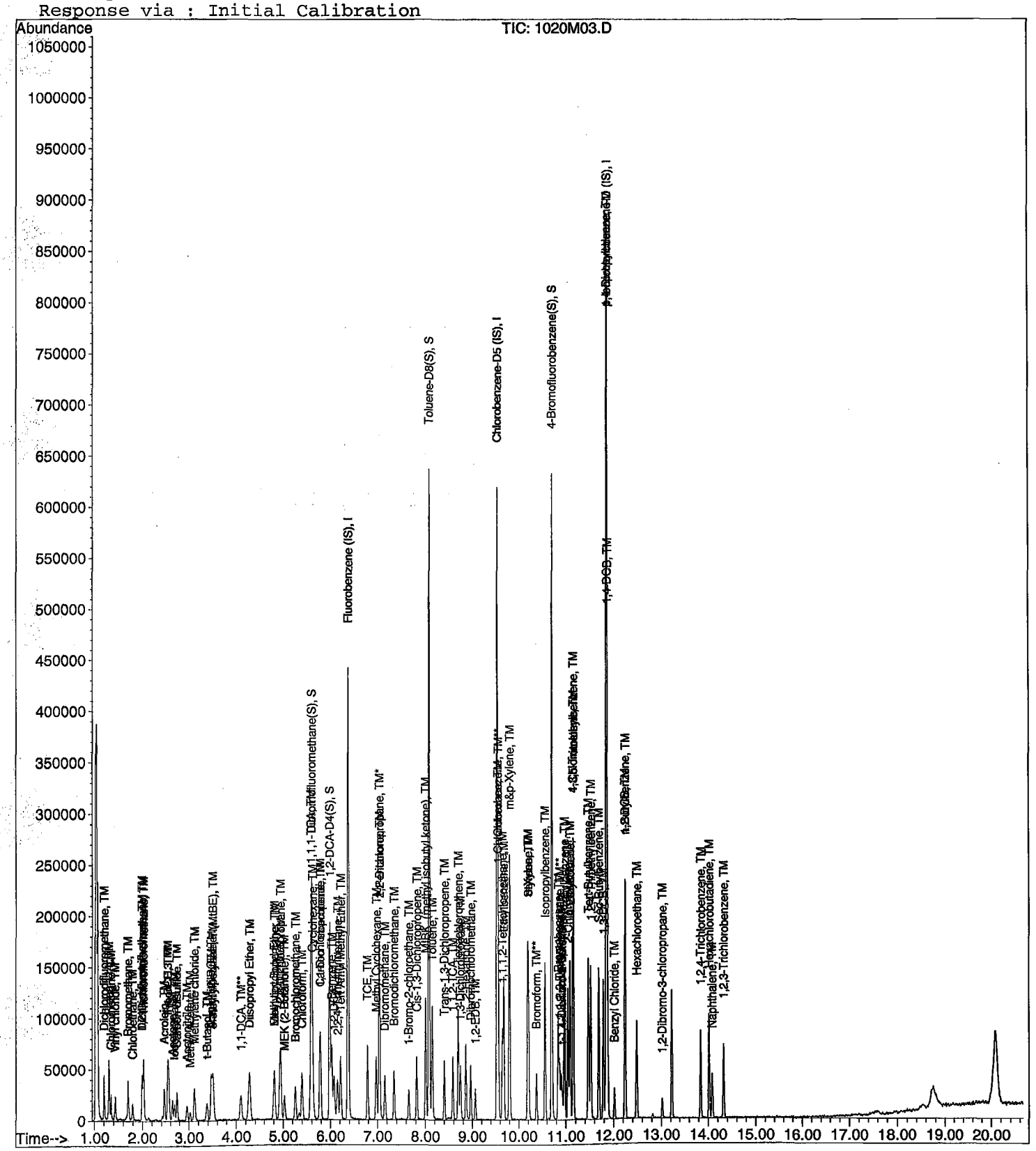
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1020M03.D Vial: 3
Acq On : 20 Oct 21 12:20 Operator: LP,DG,CH
Sample : 211020A CCV/LCS 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 21 10:13 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Ending Continuing Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Date Analyzed: 10/20/2021
Matrix: Instrument: Max
Initial Cal. Date: 10/15/2021
Data File: 1020M26.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Fluorobenzene (IS)	ISTD			I	
2	TM	Chlorotrifluoroethene	0.0000	0.0059	0.00	TM	
3	TM	Dichlorodifluoromethane	0.1497	0.1243	17	TM	
4	TM	Freon 114	0.0839	0.0979	17	TM	
5	TM**	Chloromethane	0.0893	0.0911	2.1	TM**	
6	TM*	Vinyl chloride	0.1101	0.1015	7.8	TM*	
7	TM	2-Chloro-1,1,1-trifluoroethane	0.0000	0.0019	0.00	TM	
8	TM	Bromomethane	0.0931	0.0799	14	TM	
9	TML	Chloroethane	0.0844	0.0696	18	TML	2.1
10	TM	Dichlorofluoromethane	0.2416	0.2215	8.3	TM	
11	TM	Trichlorofluoromethane	0.2889	0.2275	21	TM	
12	TM	2,2-Dichloro-1,1,1-trifluoroethane	0.0000	0.0002	0.00	TM	
13	TMQ	Acrolein	0.0145	0.0107	26	TMQ	24
14	TM	Acetone	0.0326	0.0342	4.9	TM	
15	TM	Freon-113	0.1176	0.1064	9.5	TM	
16	TM	Acetonitrile	0.0077	0.0105	35	TM	
17	TML	2-propanol	0.0000	0.0009	0.00	TML	
18	TM	1,2-Dichlorotrifluoroethane	0.2416	0.2215	8.3	TM	
19	TM*	1,1-DCE	0.1751	0.1505	14	TM*	
20	TMQ	t-Butanol	0.0101	0.0127	25	TMQ	29
21	TMQ	Methyl Acetate	0.0528	0.0685	30	TMQ	25
22	TML	Iodomethane	0.1096	0.1276	16	TML	4.2
23	TML	Acrylonitrile	0.0252	0.0394	56	TML	28
24	TM	Methylene chloride	0.1130	0.1133	0.27	TM	
25	TM	Carbon disulfide	0.1424	0.1423	0.09	TM	
26	TM	Methyl t-butyl ether (MtBE)	0.3769	0.3977	5.5	TM	
27	TM	Trans-1,2-DCE	0.1221	0.1119	8.3	TM	
28	TML	3-Methylpentane	0.0702	0.0687	2.1	TML	8.1
29	TM	Hexane	0.0000	0.0002	0.00	TM	
30	TM	Diisopropyl Ether	0.2351	0.3006	28	TM	
31	TM**	1,1-DCA	0.1831	0.1855	1.3	TM**	
32	TM	Ethyl tert Butyl Ether	0.3021	0.3750	24	TM	
33	TML	Methylcyclopentane	0.0160	0.0139	13	TML	7.5
34	TM	MEK (2-Butanone)	0.0341	0.0415	22	TM	
35	TM	Cis-1,2-DCE	0.1352	0.1224	9.5	TM	
36	TM	2,2-Dichloropropane	0.2349	0.1689	28	TM	
37	TM*	Chloroform	0.2377	0.2241	5.7	TM*	
38	TML	Bromochloromethane	0.1040	0.0937	9.9	TML	12
39	S	Dibromofluoromethane(S)	0.3105	0.3020	2.7	S	
40	TM	1,1,1-TCA	0.2791	0.2300	18	TM	
		Average			13.0		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Ending Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: 0

SDG No:
Date Analyzed: 10/20/2021
Instrument: Max
Cal. Date: 10/15/2021
Data File: 1020M26.D

		Compound	MEAN	CCRF	%D		%Drift
41	TM	Cyclohexane	0.0798	0.0819	2.6	TM	
42	TM	1,1-Dichloropropene	0.1514	0.1379	9.0	TM	
43	TM	2,2,4-Trimethylpentane	0.1964	0.2212	13	TM	
44	S	1,2-DCA-D4(S)	0.2166	0.1873	13	S	
45	TM	Carbon Tetrachloride	0.2625	0.1990	24	TM	
46	TM	Tert Amyl Methyl Ether	0.2978	0.3454	16	TM	
47	TM	1,2-DCA	0.2350	0.2021	14	TM	
48	TM	Benzene	0.4384	0.4102	6.4	TM	
49	TM	TCE	0.1404	0.1396	0.51	TM	
50	TM	2-Pentanone	0.0570	0.0704	24	TM	
51	TM*L	1,2-Dichloropropane	0.0476	0.0504	5.7	TM*L	3.6
52	TM	Bromodichloromethane	0.1968	0.1646	16	TM	
53	TML	Methyl Cyclohexane	0.1542	0.1591	3.2	TML	5.3
54	TM	Dibromomethane	0.0856	0.0699	18	TM	
55	TM	MIBK (methyl isobutyl ketone)	0.0729	0.0891	22	TM	
56	TML	1-Bromo-2-chloroethane	0.0245	0.0274	12	TML	0.54
57	TM	2-Chloroethyl vinyl ether	0.0000	0.0000	0.00	TM	
58	TM	Cis-1,3-Dichloropropene	0.1763	0.1760	0.17	TM	
59	TM*	Toluene	0.5070	0.4816	5.0	TM*	
60	TM	Trans-1,3-Dichloropropene	0.1749	0.1688	3.4	TM	
61	TM	1,1,2-TCA	0.0786	0.0751	4.5	TM	
62	TM	2-Hexanone	0.0493	0.0586	19	TM	
63	I	Chlorobenzene-D5 (IS)	ISTD			I	
64	S	Toluene-D8(S)	1.149	1.180	2.7	S	
65	TM	1,2-EDB	0.1319	0.1301	1.3	TM	
66	TML	Tetrachloroethene	0.2207	0.1073	51	TML	20
67	TM	1-Chlorohexane	0.0992	0.1163	17	TM	
68	TM	1,1,1,2-Tetrachloroethane	0.1860	0.1799	3.3	TM	
69	TM	m&p-Xylene	0.2826	0.2623	7.2	TM	
70	TM	o-Xylene	0.2964	0.2787	6.0	TM	
71	TM	Styrene	0.4463	0.4460	0.05	TM	
72	S	4-Bromofluorobenzene(S)	0.4641	0.4726	1.8	S	
73	TM	1,3-Dichloropropane	0.1940	0.2034	4.9	TM	
74	TM	Dibromochloromethane	0.1941	0.1739	10	TM	
75	TM**	Chlorobenzene	0.4334	0.4119	5.0	TM**	
76	TM*	Ethylbenzene	0.6860	0.6554	4.4	TM*	
77	TM**	Bromoform	0.1611	0.1457	9.6	TM**	
78	I	1,4-Dichlorobenzene-D (IS)	ISTD			I	
79	TM	Isopropylbenzene	1.166	1.092	6.3	TM	
80	TM**	1,1,2,2-Tetrachloroethane	0.2001	0.1926	3.8	TM**	
		Average			9.6		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Ending Continuing Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Date Analyzed: 10/20/2021
Matrix: 0 Instrument: Max
Cal. Date: 10/15/2021
Data File: 1020M26.D

		Compound	MEAN	CCRF	%D		%Drift	
81	TM	1,2,3-Trichloropropane	0.1000	0.1020	1.9	TM		
82	TML	t-1,4-Dichloro-2-Butene	0.0601	0.0661	10	TML	29	
83	TM	Bromobenzene	0.3816	0.3698	3.1	TM		
84	TM	n-Propylbenzene	1.151	1.108	3.8	TM		
85	TM	4-Ethyltoluene	1.063	1.141	7.3	TM		
86	TM	2-Chlorotoluene	0.9129	0.8988	1.5	TM		
87	TM	1,3,5-Trimethylbenzene	0.9948	0.9762	1.9	TM		
88	TM	4-Chlorotoluene	0.9068	0.8354	7.9	TM		
89	TM	Tert-Butylbenzene	0.5492	0.5638	2.7	TM		
90	TM	1,2,4-Trimethylbenzene	0.9425	0.9731	3.2	TM		
91	TM	Sec-Butylbenzene	1.051	1.076	2.4	TM		
92	TM	p-Isopropyltoluene	1.016	1.054	3.7	TM		
93	TM	Benzyl Chloride	0.2406	0.1746	27	TM		
94	TM	1,3-DCB	0.6644	0.6357	4.3	TM		
95	TM	1,4-DCB	0.6767	0.6122	9.5	TM		
96	TML	n-Butylbenzene	0.5721	0.7194	26	TML	4.2	
97	TM	1,2-DCB	0.6504	0.6371	2.0	TM		
98	TM	Hexachloroethane	0.1703	0.1522	11	TM		
99	TML	1,2-Dibromo-3-chloropropane	0.0437	0.0531	22	TML	5.9	
100	TML	1,2,4-Trichlorobenzene	0.1936	0.2856	48	TML	6.4	
101	TML	Hexachlorobutadiene	0.2401	0.2573	7.1	TML	6.8	
102	TMQ	Naphthalene	0.4088	0.8824	116	TMQ	71	*
103	TML	1,2,3-Trichlorobenzene	0.2371	0.4453	88	TML	22	
104								
105								
106								
107								
108								
109								
110								
111								
112								
113								
114								
115								
116								
117								
118								
119								
120								
		Average			17.8			

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1020M26.D Vial: 26
Acq On : 20 Oct 21 23:13 Operator: LP,DG,CH
Sample : Ending CCV 10ug/L 10/20/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 48.40

Quant Time: Oct 21 10:14 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.36	96	564262	25.00	ppb		0.02
65) Chlorobenzene-D5 (IS)	9.52	117	487567	25.00	ppb		0.02
80) 1,4-Dichlorobenzene-D (IS)	11.84	152	311955	25.00	ppb		0.02
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.58	111	170381	24.31	ppb		0.02
Spiked Amount 25.000			Recovery = 97.252%				
46) 1,2-DCA-D4(S)	5.97	65	105704	21.63	ppb		0.02
Spiked Amount 25.000			Recovery = 86.504%				
66) Toluene-D8(S)	8.07	98	575289	25.67	ppb		0.02
Spiked Amount 25.000			Recovery = 102.688%				
74) 4-Bromofluorobenzene(S)	10.70	95	230407	25.46	ppb		0.02
Spiked Amount 25.000			Recovery = 101.828%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.19	85	28048	401.84	ppb		98
4) Freon 114	1.30	85	22100	565.20	ppb		90
5) Chloromethane	1.34	50	20572	493.98	ppb		95
6) Vinyl chloride	1.43	62	22914	446.24	ppb		95
8) Bromomethane	1.69	94	18028	415.47	ppb		98
9) Chloroethane	1.78	64	15718	473.83	ppb		93
10) Dichlorofluoromethane	1.98	67	50002	443.86	ppb		98
11) Trichlorofluoromethane	2.01	101	51354	381.21	ppb		87
13) Acrolein	2.45	56	30081	4624.49	ppb		97
14) Acetone	2.63	43	38578	2538.10	ppb		97
15) Freon-113	2.54	151	24010	437.95	ppb	#	84
16) Acetonitrile	2.95	41	29590	8192.00	ppb	#	90
18) 1,2-Dichlorotrifluoroethan	1.98	67	50002	443.84	ppb		100
19) 1,1-DCE	2.53	61	33958	415.98	ppb		96
20) t-Butanol	3.37	59	35808	7799.84	ppb		100
21) Methyl Acetate	3.02	43	15457	604.66	ppb		92
22) Iodomethane	2.68	142	28807	504.54	ppb		89
23) Acrylonitrile	3.46	53	8889	619.57	ppb	#	91
25) Methylene chloride	3.11	84	25574	485.34	ppb		93
26) Carbon disulfide	2.73	76	32112	483.61	ppb		100
27) Methyl t-butyl ether (MtBE	3.49	73	89770	510.72	ppb		94
28) Trans-1,2-DCE	3.46	96	25255	443.73	ppb		94
29) 3-Methylpentane	3.50	57	15502	523.32	ppb		92
31) Diisopropyl Ether	4.27	45	67840	618.87	ppb	#	86
32) 1,1-DCA	4.09	63	41865	490.38	ppb	#	96
34) Ethyl tert Butyl Ether	4.80	59	84646	600.89	ppb		99
35) Methylcyclopentane	4.79	56	3128	520.46	ppb	#	100
36) MEK (2-Butanone)	5.02	43	46783	2943.91	ppb		95
37) Cis-1,2-DCE	4.94	96	27628	438.24	ppb		97
38) 2,2-Dichloropropane	4.92	77	38112	347.98	ppb	#	86
39) Chloroform	5.38	83	50581	456.35	ppb		92
40) Bromochloromethane	5.25	130	21140	425.94	ppb	#	88
42) 1,1,1-TCA	5.57	97	51910	398.85	ppb		93
43) Cyclohexane	5.61	41	18493	496.79	ppb		81
44) 1,1-Dichloropropene	5.77	75	31114	440.64	ppb		97
45) 2,2,4-Trimethylpentane	6.14	57	49926	545.22	ppb	#	74
47) Carbon Tetrachloride	5.76	117	44908	366.87	ppb		93
48) Tert Amyl Methyl Ether	6.21	73	77951	561.28	ppb	#	98
49) 1,2-DCA	6.06	62	45625	416.32	ppb		95
50) Benzene	6.02	78	92587	452.90	ppb		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1020M26.D Vial: 26
Acq On : 20 Oct 21 23:13 Operator: LP,DG,CH
Sample : Ending CCV 10ug/L 10/20/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 48.40

Quant Time: Oct 21 10:14 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.77	95	31517	481.57	ppb		93
52)	2-Pentanone	7.03	43	198584	7475.98	ppb		94
53)	1,2-Dichloropropane	7.02	63	11366	501.34	ppb		98
54)	Bromodichloromethane	7.34	83	37148	404.81	ppb		97
55)	Methyl Cyclohexane	6.96	83	35909	509.76	ppb		88
56)	Dibromomethane	7.14	93	15780	395.23	ppb		95
57)	MIBK (methyl isobutyl ket	8.00	43	100541	2959.63	ppb		96
58)	1-Bromo-2-chloroethane	7.64	144	6182	481.40	ppb		99
60)	Cis-1,3-Dichloropropene	7.81	75	39732	483.21	ppb		89
61)	Toluene	8.14	91	108699	459.79	ppb		99
62)	Trans-1,3-Dichloropropene	8.39	75	38104	467.33	ppb		92
63)	1,1,2-TCA	8.57	83	16948	462.47	ppb		98
64)	2-Hexanone	8.85	43	66102	2877.18	ppb		99
67)	1,2-EDB	9.05	107	25381	477.54	ppb		99
68)	Tetrachloroethene	8.69	164	20920	385.40	ppb		84
69)	1-Chlorohexane	9.55	91	22688	567.45	ppb		90
70)	1,1,1,2-Tetrachloroethane	9.64	131	35076	468.06	ppb		96
71)	m&p-Xylene	9.79	106	102310	898.44	ppb		95
72)	o-Xylene	10.18	106	54346	455.06	ppb		91
73)	Styrene	10.19	104	86988	483.79	ppb	#	96
75)	1,3-Dichloropropane	8.73	76	39661	507.51	ppb		90
76)	Dibromochloromethane	8.95	129	33906	433.61	ppb		98
77)	Chlorobenzene	9.55	112	80334	460.05	ppb		98
78)	Ethylbenzene	9.67	91	127830	462.50	ppb		100
79)	Bromoform	10.37	173	28411	437.69	ppb		91
81)	Isopropylbenzene	10.55	105	136253	453.34	ppb		96
82)	1,1,2,2-Tetrachloroethane	10.86	83	24027	465.83	ppb	#	90
83)	1,2,3-Trichloropropane	10.89	110	12722	493.37	ppb		90
84)	t-1,4-Dichloro-2-Butene	10.92	53	8250	625.24	ppb	#	61
85)	Bromobenzene	10.83	156	46150	469.08	ppb		87
86)	n-Propylbenzene	10.96	91	138212	465.62	ppb		99
87)	4-Ethyltoluene	11.07	105	142340	519.29	ppb		90
88)	2-Chlorotoluene	11.03	91	112159	476.55	ppb		95
89)	1,3,5-Trimethylbenzene	11.14	105	121808	474.98	ppb		97
90)	4-Chlorotoluene	11.14	91	104245	445.92	ppb		98
91)	Tert-Butylbenzene	11.46	119	70352	496.88	ppb		96
92)	1,2,4-Trimethylbenzene	11.51	105	121424	499.75	ppb		100
93)	Sec-Butylbenzene	11.67	105	134264	495.55	ppb		98
94)	p-Isopropyltoluene	11.83	119	131500	502.07	ppb		99
95)	Benzyl Chloride	12.01	91	21781	351.22	ppb		96
96)	1,3-DCB	11.77	146	79323	463.10	ppb		97
97)	1,4-DCB	11.86	146	76392	437.88	ppb		98
98)	n-Butylbenzene	12.23	91	89763	504.22	ppb		95
99)	1,2-DCB	12.23	146	79500	474.14	ppb		98
100)	Hexachloroethane	12.48	117	18995	432.77	ppb		88
101)	1,2-Dibromo-3-chloropropan	13.01	75	6632	455.61	ppb	#	88
102)	1,2,4-Trichlorobenzene	13.83	180	35640	514.80	ppb	#	93
103)	Hexachlorobutadiene	14.01	225	32101	450.94	ppb		97
104)	Naphthalene	14.07	128	110104	827.67	ppb		98
105)	1,2,3-Trichlorobenzene	14.32	180	55563	591.35	ppb		94

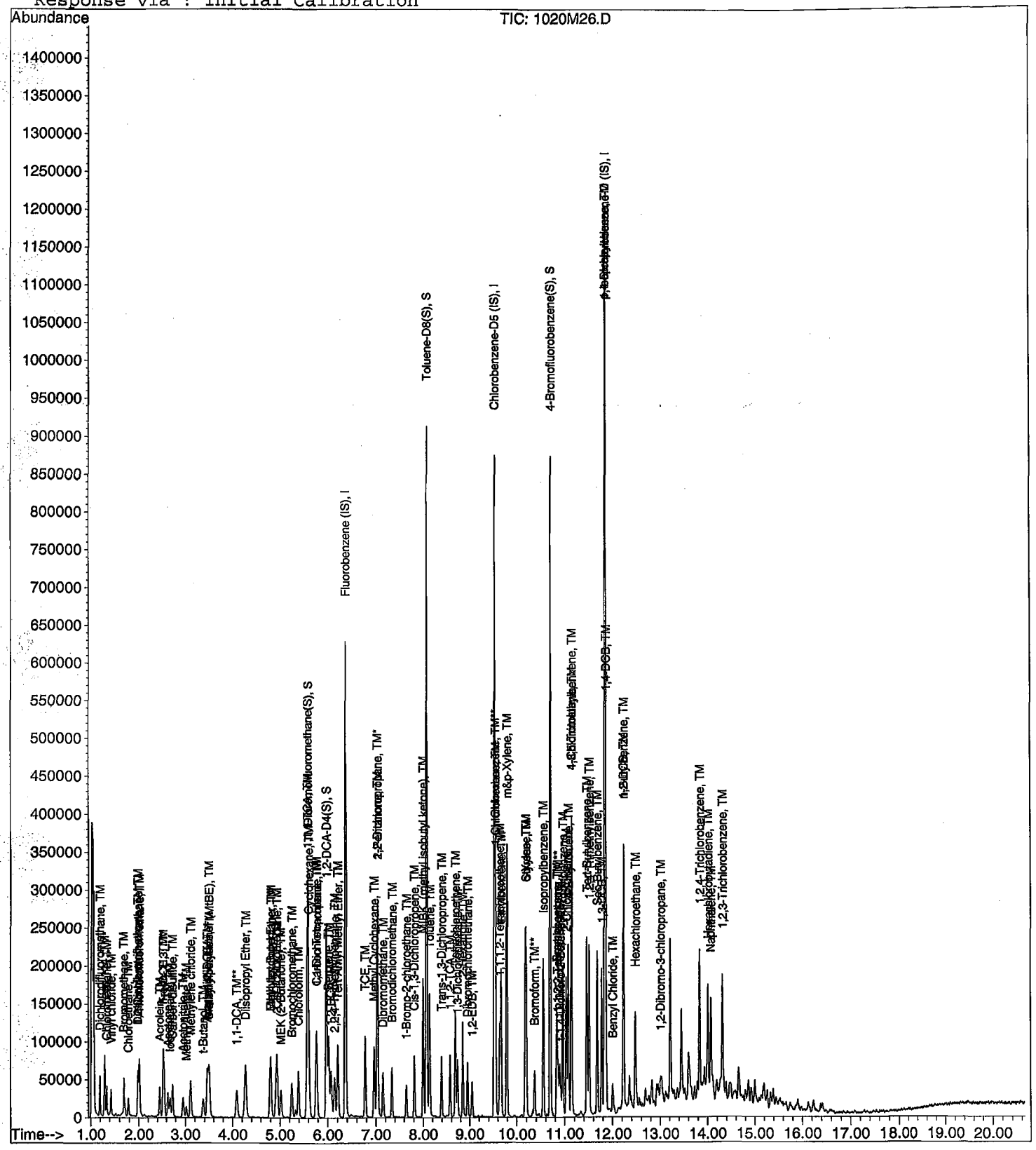
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1020M26.D Vial: 26
Acq On : 20 Oct 21 23:13 Operator: LP,DG,CH
Sample : Ending CCV 10ug/L 10/20/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 48.40

Quant Time: Oct 21 10:14 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



ORGANICS
Raw Data

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1016M23.D Vial: 23
Acq On : 16 Oct 21 23:51 Operator: LP,DG,CH
Sample : BA42511W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 29 11:57 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.35	96	374575	25.00	ppb	0.00
65) Chlorobenzene-D5 (IS)	9.51	117	338491	25.00	ppb	0.00
80) 1,4-Dichlorobenzene-D (IS)	11.83	152	218710	25.00	ppb	0.00
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.57	111	115896	24.91	ppb	0.00
Spiked Amount 25.000			Recovery =	99.652%		
46) 1,2-DCA-D4(S)	5.96	65	78984	24.34	ppb	0.00
Spiked Amount 25.000			Recovery =	97.372%		
66) Toluene-D8(S)	8.06	98	372709	23.96	ppb	0.00
Spiked Amount 25.000			Recovery =	95.824%		
74) 4-Bromofluorobenzene(S)	10.68	95	149222	23.75	ppb	0.00
Spiked Amount 25.000			Recovery =	94.992%		

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

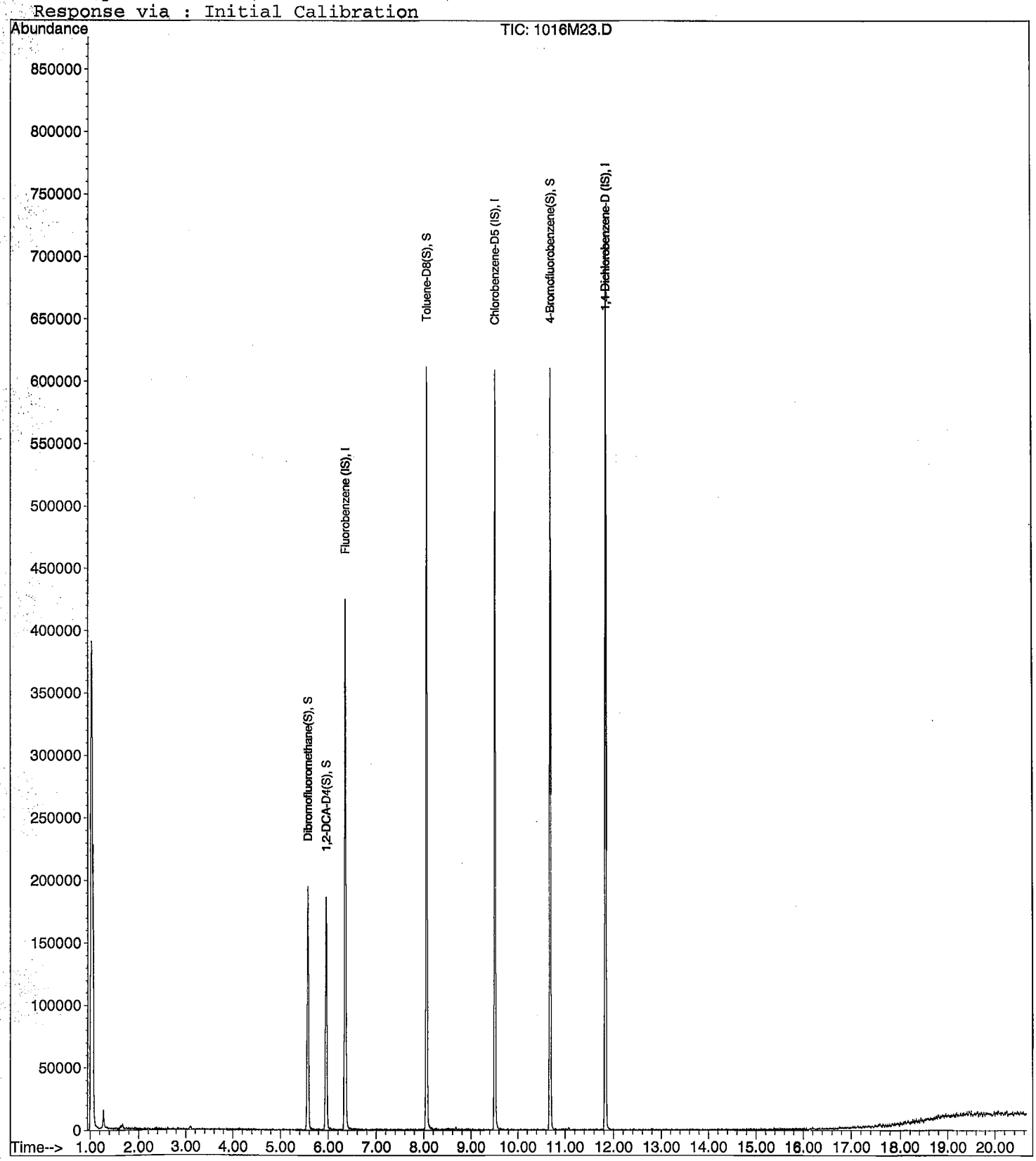
Quantitation Report

Data File : M:\MAX\DATA\211015\1016M23.D
Acq On : 16 Oct 21 23:51
Sample : BA42511W01
Misc : IS&S 8/4/21

Vial: 23
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 29 11:57 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1016M24.D
Acq On : 17 Oct 21 00:20
Sample : BA42512WQ1
Misc : IS&S 8/4/21

Vial: 24
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 29 11:59 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.35	96	366969	25.00	ppb	0.00
65) Chlorobenzene-D5 (IS)	9.51	117	326919	25.00	ppb	0.00
80) 1,4-Dichlorobenzene-D (IS)	11.83	152	223428	25.00	ppb	0.00
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.57	111	114327	25.08	ppb	0.00
Spiked Amount 25.000			Recovery = 100.340%			
46) 1,2-DCA-D4(S)	5.96	65	80416	25.30	ppb	0.00
Spiked Amount 25.000			Recovery = 101.192%			
66) Toluene-D8(S)	8.06	98	376336	25.05	ppb	0.00
Spiked Amount 25.000			Recovery = 100.184%			
74) 4-Bromofluorobenzene(S)	10.68	95	153469	25.29	ppb	0.00
Spiked Amount 25.000			Recovery = 101.156%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

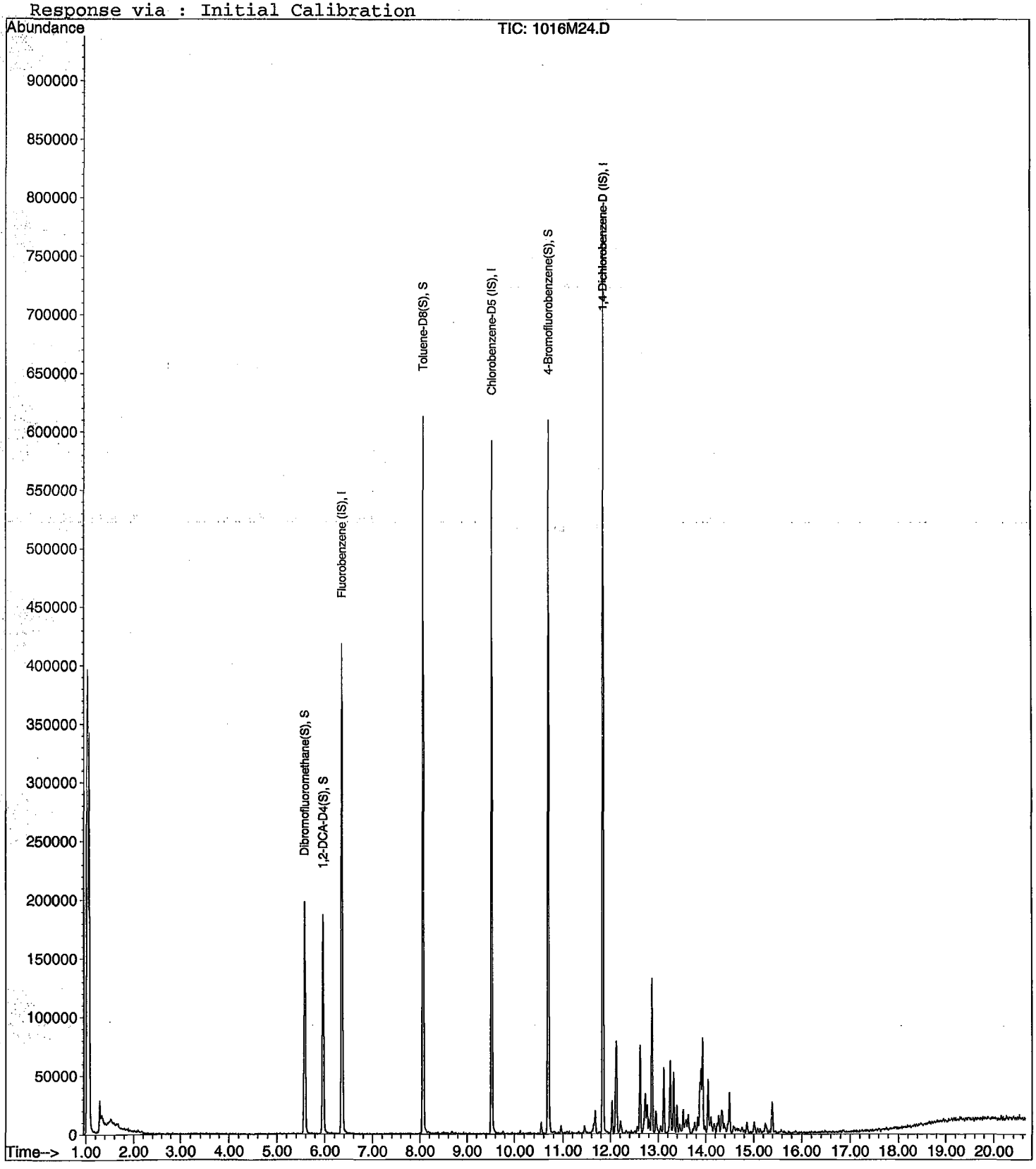
Data File : M:\MAX\DATA\211015\1016M24.D
Acq On : 17 Oct 21 00:20
Sample : BA42512W01
Misc : IS&S 8/4/21

Vial: 24
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 29 11:59 2021

Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1020M15.D Vial: 15
Acq On : 20 Oct 21 18:00 Operator: LP,DG,CH
Sample : BA42513W02 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 23 14:05 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.37	96	363408	25.00 ppb	0.03
65) Chlorobenzene-D5 (IS)	9.52	117	325976	25.00 ppb	0.02
80) 1,4-Dichlorobenzene-D (IS)	11.84	152	212261	25.00 ppb	0.02
System Monitoring Compounds					
41) Dibromofluoromethane(S)	5.59	111	115965	25.69 ppb	0.03
Spiked Amount 25.000			Recovery =	102.776%	
46) 1,2-DCA-D4(S)	5.98	65	80136	25.46 ppb	0.03
Spiked Amount 25.000			Recovery =	101.828%	
66) Toluene-D8(S)	8.07	98	371257	24.78 ppb	0.02
Spiked Amount 25.000			Recovery =	99.116%	
74) 4-Bromofluorobenzene(S)	10.70	95	153055	25.29 ppb	0.02
Spiked Amount 25.000			Recovery =	101.172%	
Target Compounds					Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

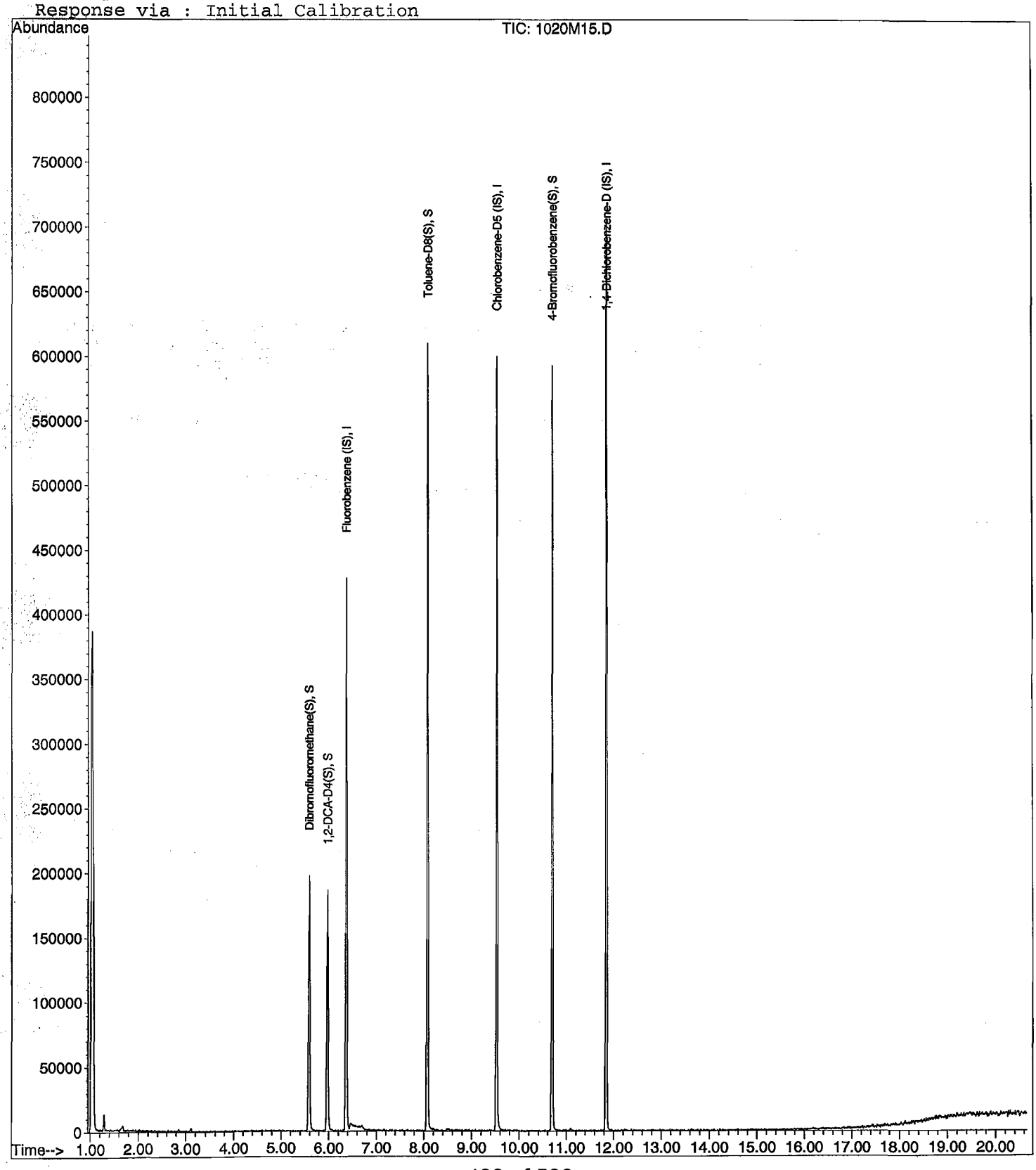
Data File : M:\MAX\DATA\211015\1020M15.D
Acq On : 20 Oct 21 18:00
Sample : BA42513W02
Misc : IS&S 8/4/21

Vial: 15
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 23 14:05 2021

Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1018M09.D Vial: 9
Acq On : 18 Oct 21 18:05 Operator: LP,DG,CH
Sample : BA42514W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 23 13:59 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	96	356504	25.00	ppb	0.02
65) Chlorobenzene-D5 (IS)	9.51	117	323199	25.00	ppb	0.02
80) 1,4-Dichlorobenzene-D (IS)	11.83	152	223503	25.00	ppb	0.01
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.58	111	109455	24.72	ppb	0.02
Spiked Amount 25.000			Recovery = 98.884%			
46) 1,2-DCA-D4(S)	5.97	65	74832	24.23	ppb	0.02
Spiked Amount 25.000			Recovery = 96.928%			
66) Toluene-D8(S)	8.07	98	363339	24.46	ppb	0.02
Spiked Amount 25.000			Recovery = 97.836%			
74) 4-Bromofluorobenzene(S)	10.69	95	157506	26.25	ppb	0.01
Spiked Amount 25.000			Recovery = 105.012%			
Target Compounds						Qvalue
78) Ethylbenzene	9.66	91	2045	0.23	ppb	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

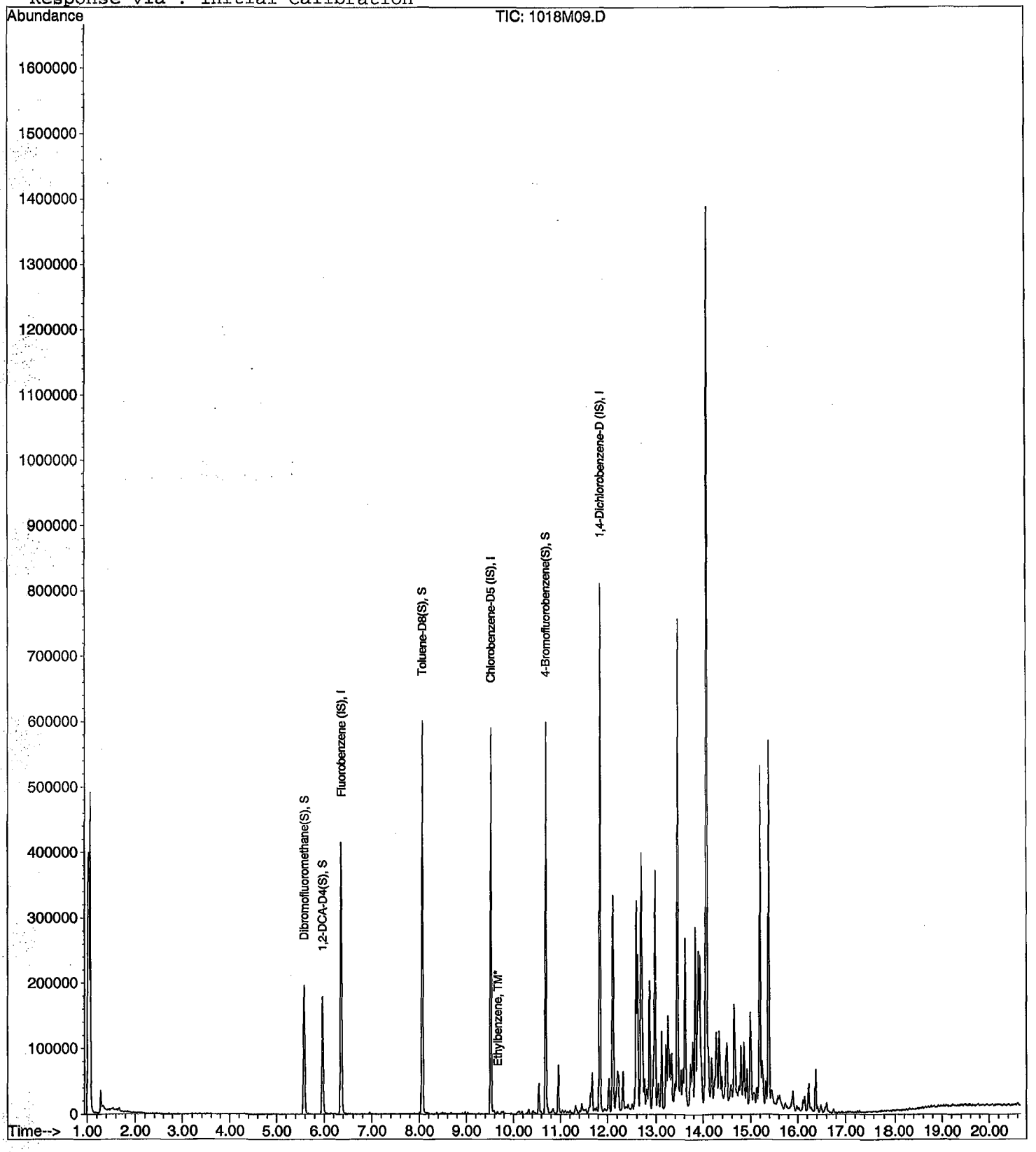
Data File : M:\MAX\DATA\211015\1018M09.D
Acq On : 18 Oct 21 18:05
Sample : BA42514W01
Misc : IS&S 8/4/21

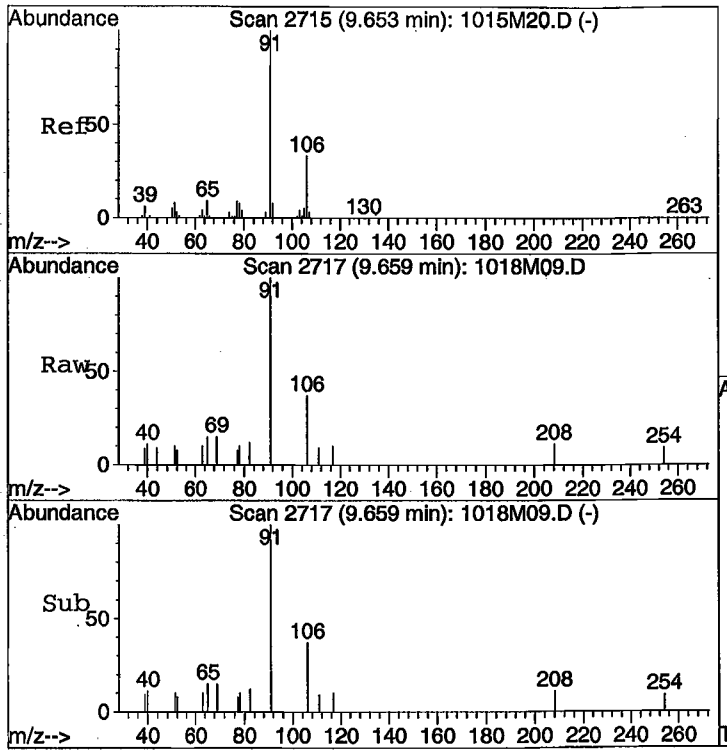
Vial: 9
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 23 13:59 2021

Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration

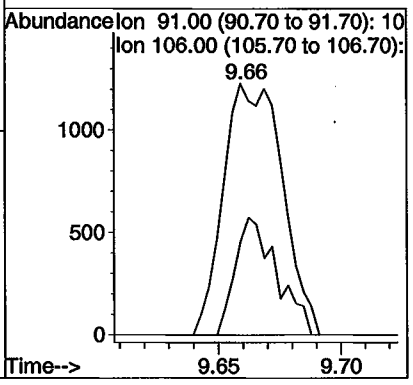




#78
Ethylbenzene
Concen: 0.23 ppb
RT: 9.66 min Scan# 2717
Delta R.T. 0.01 min
Lab File: 1018M09.D
Acq: 18 Oct 21 18:05

Tgt Ion: 91 Resp: 2045

Ion	Ratio	Lower	Upper
91	100		
106	37.5	23.4	43.4



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1018M10.D Vial: 10
Acq On : 18 Oct 21 18:33 Operator: LP,DG,CH
Sample : BA42515W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 23 14:00 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	96	368027	25.00	ppb	0.02
65) Chlorobenzene-D5 (IS)	9.51	117	330070	25.00	ppb	0.02
80) 1,4-Dichlorobenzene-D (IS)	11.83	152	220654	25.00	ppb	0.01
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.58	111	115354	25.24	ppb	0.02
Spiked Amount 25.000			Recovery = 100.948%			
46) 1,2-DCA-D4(S)	5.97	65	76784	24.09	ppb	0.02
Spiked Amount 25.000			Recovery = 96.344%			
66) Toluene-D8(S)	8.07	98	381484	25.15	ppb	0.02
Spiked Amount 25.000			Recovery = 100.584%			
74) 4-Bromofluorobenzene(S)	10.69	95	156436	25.53	ppb	0.02
Spiked Amount 25.000			Recovery = 102.124%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

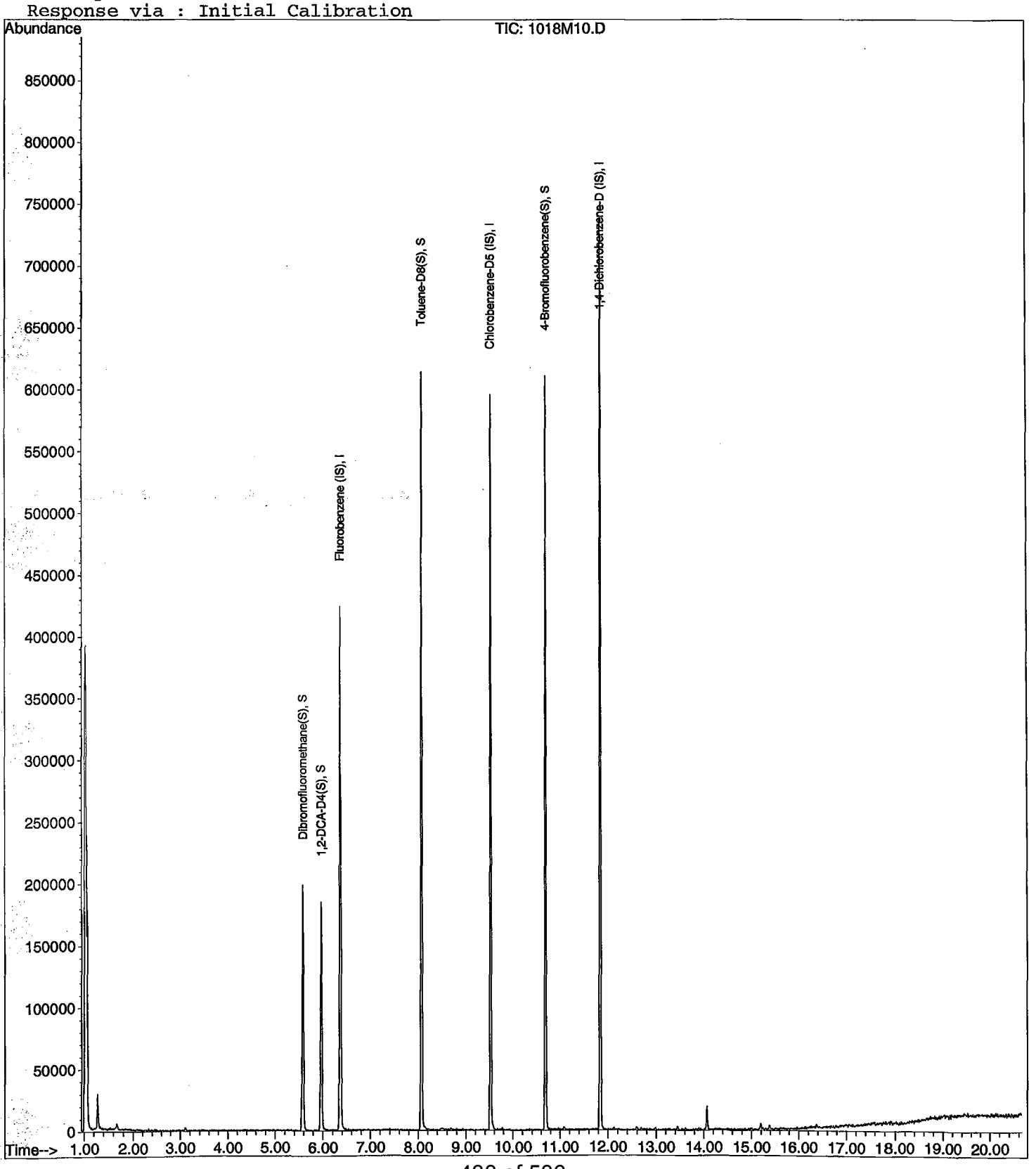
Quantitation Report

Data File : M:\MAX\DATA\211015\1018M10.D
Acq On : 18 Oct 21 18:33
Sample : BA42515W01
Misc : IS&S 8/4/21

Vial: 10
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 23 14:00 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1018M11.D Vial: 11
Acq On : 18 Oct 21 19:02 Operator: LP,DG,CH
Sample : BA42516W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 23 14:00 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	96	362744	25.00	ppb	0.02
65) Chlorobenzene-D5 (IS)	9.51	117	321126	25.00	ppb	0.02
80) 1,4-Dichlorobenzene-D (IS)	11.84	152	211018	25.00	ppb	0.02
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.58	111	108520	24.09	ppb	0.02
Spiked Amount 25.000			Recovery = 96.352%			
46) 1,2-DCA-D4(S)	5.97	65	76936	24.48	ppb	0.02
Spiked Amount 25.000			Recovery = 97.940%			
66) Toluene-D8(S)	8.07	98	372572	25.24	ppb	0.02
Spiked Amount 25.000			Recovery = 100.972%			
74) 4-Bromofluorobenzene(S)	10.69	95	150326	25.22	ppb	0.02
Spiked Amount 25.000			Recovery = 100.872%			

Target Compounds Qvalue

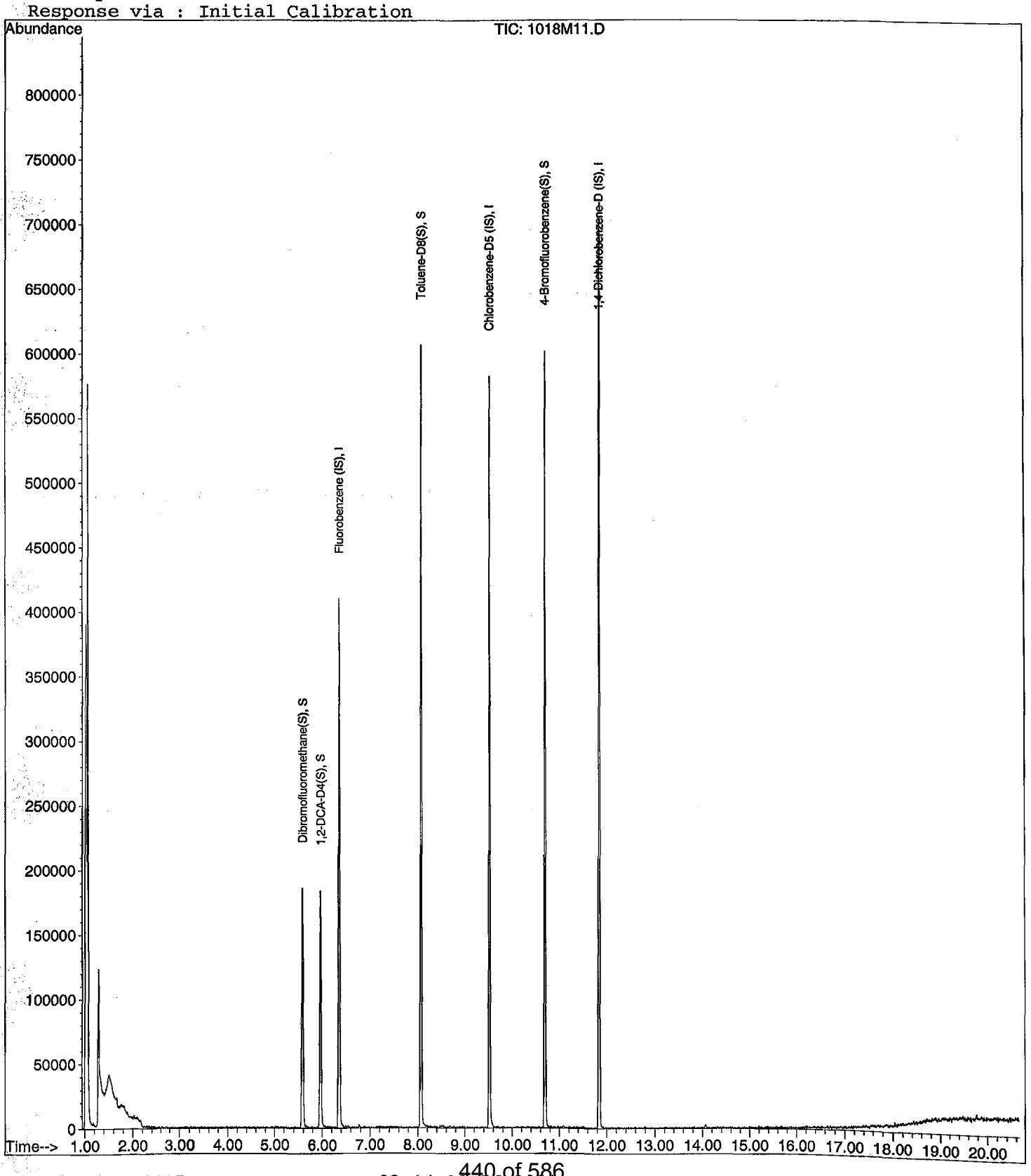
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1018M11.D Vial: 11
Acq On : 18 Oct 21 19:02 Operator: LP,DG,CH
Sample : BA42516W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 23 14:00 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1018M12.D Vial: 12
Acq On : 18 Oct 21 19:30 Operator: LP,DG,CH
Sample : BA42517W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 23 14:01 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	96	362491	25.00	ppb	0.02
65) Chlorobenzene-D5 (IS)	9.51	117	330774	25.00	ppb	0.02
80) 1,4-Dichlorobenzene-D (IS)	11.84	152	213716	25.00	ppb	0.02
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.58	111	114489	25.43	ppb	0.02
Spiked Amount 25.000			Recovery = 101.724%			
46) 1,2-DCA-D4(S)	5.97	65	75104	23.92	ppb	0.02
Spiked Amount 25.000			Recovery = 95.672%			
66) Toluene-D8(S)	8.07	98	378302	24.88	ppb	0.02
Spiked Amount 25.000			Recovery = 99.532%			
74) 4-Bromofluorobenzene(S)	10.69	95	152154	24.78	ppb	0.02
Spiked Amount 25.000			Recovery = 99.120%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

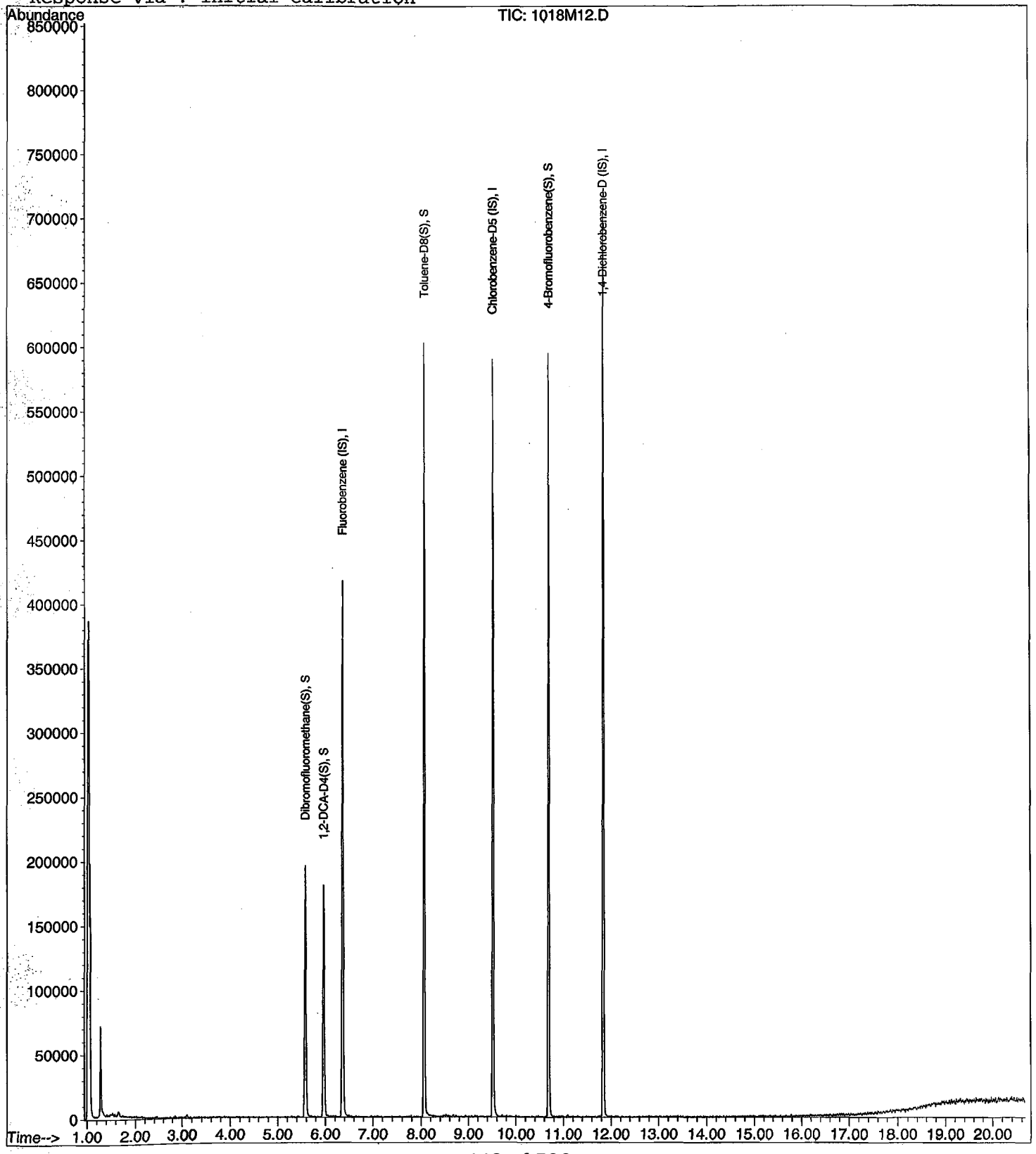
Quantitation Report

Data File : M:\MAX\DATA\211015\1018M12.D
Acq On : 18 Oct 21 19:30
Sample : BA42517W01
Misc : IS&S 8/4/21

Vial: 12
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 23 14:01 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1018M13.D Vial: 13
Acq On : 18 Oct 21 19:59 Operator: LP,DG,CH
Sample : BA42518W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 23 14:02 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	96	365022	25.00	ppb	0.02
65) Chlorobenzene-D5 (IS)	9.51	117	322273	25.00	ppb	0.02
80) 1,4-Dichlorobenzene-D (IS)	11.83	152	208212	25.00	ppb	0.01
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.58	111	114564	25.27	ppb	0.02
Spiked Amount 25.000			Recovery = 101.084%			
46) 1,2-DCA-D4(S)	5.97	65	78888	24.95	ppb	0.02
Spiked Amount 25.000			Recovery = 99.796%			
66) Toluene-D8(S)	8.06	98	371120	25.05	ppb	0.01
Spiked Amount 25.000			Recovery = 100.220%			
74) 4-Bromofluorobenzene(S)	10.69	95	154690	25.86	ppb	0.02
Spiked Amount 25.000			Recovery = 103.428%			

Target Compounds Qvalue

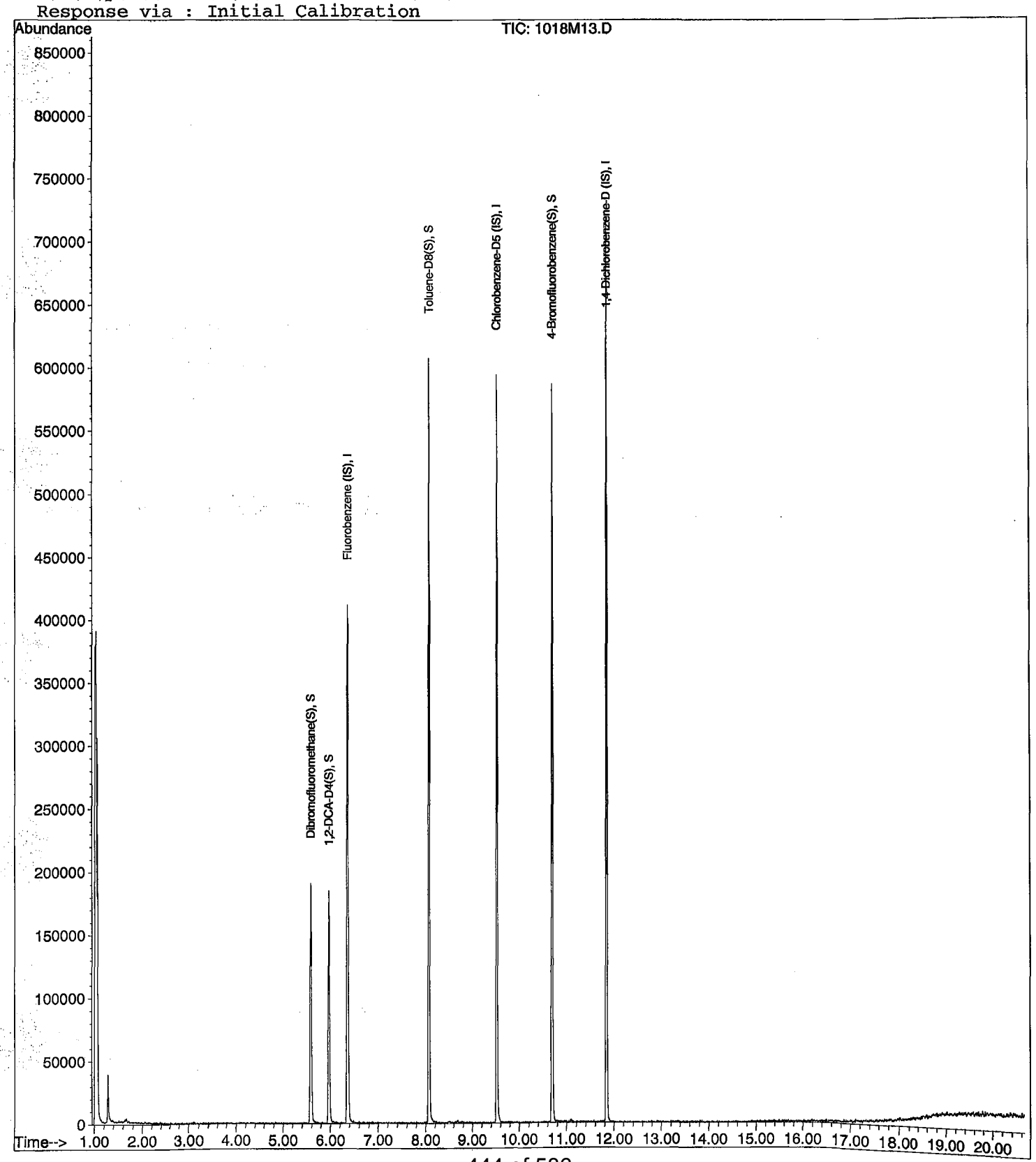
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1018M13.D Vial: 13
Acq On : 18 Oct 21 19:59 Operator: LP,DG,CH
Sample : BA42518W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 23 14:02 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1016M08.D Vial: 8
Acq On : 16 Oct 21 16:46 Operator: LP,DG,CH
Sample : 211016A BLK Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 20 11:53 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.35	96	484890	25.00 ppb	0.00
65) Chlorobenzene-D5 (IS)	9.51	117	420924	25.00 ppb	0.00
80) 1,4-Dichlorobenzene-D (IS)	11.83	152	262374	25.00 ppb	0.00
System Monitoring Compounds					
41) Dibromofluoromethane(S)	5.57	111	145476	24.16 ppb	0.00
Spiked Amount 25.000			Recovery =	96.628%	
46) 1,2-DCA-D4(S)	5.96	65	96224	22.91 ppb	0.00
Spiked Amount 25.000			Recovery =	91.636%	
66) Toluene-D8(S)	8.06	98	483509	24.99 ppb	0.00
Spiked Amount 25.000			Recovery =	99.968%	
74) 4-Bromofluorobenzene(S)	10.68	95	193567	24.77 ppb	0.00
Spiked Amount 25.000			Recovery =	99.092%	

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

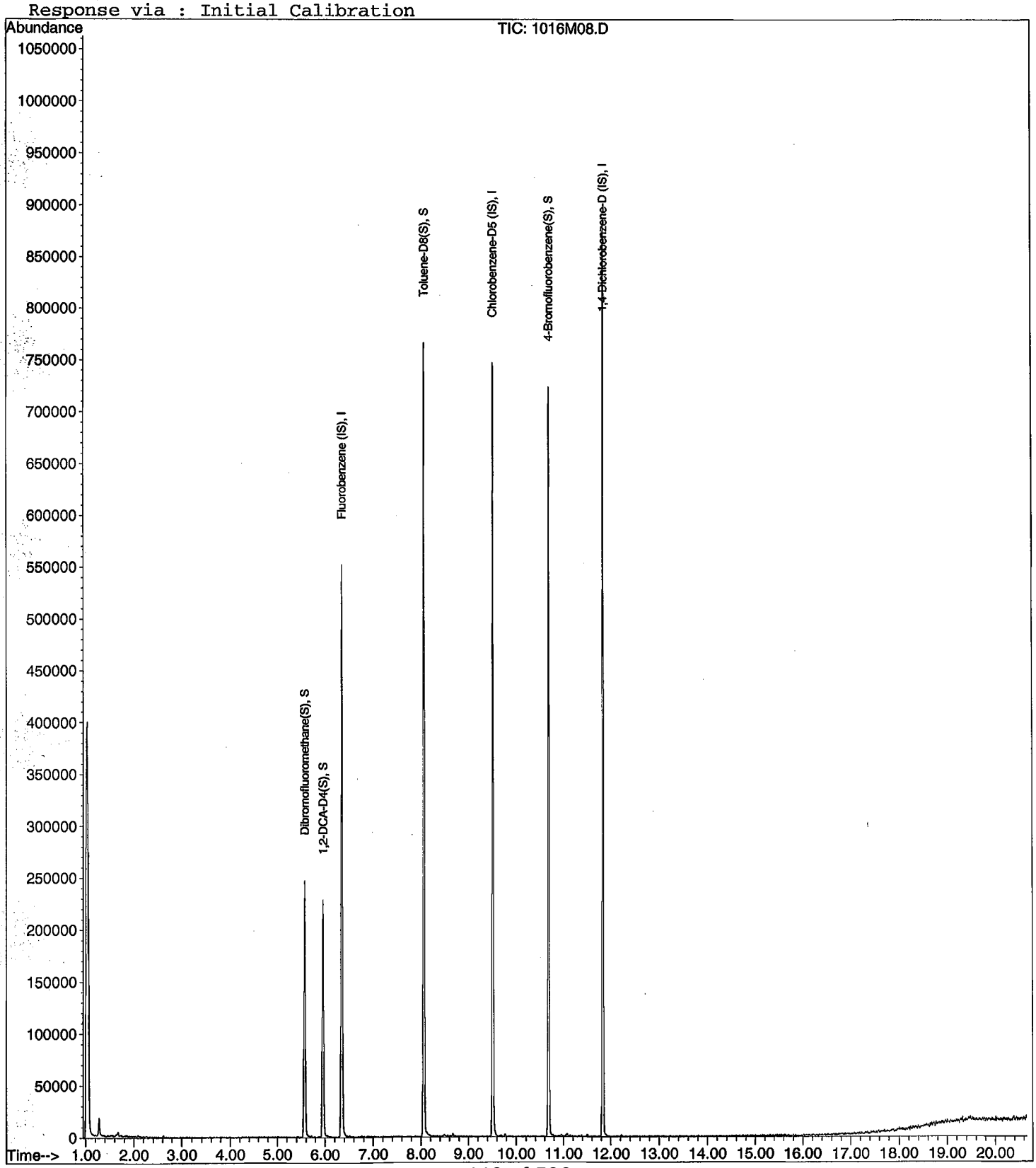
Quantitation Report

Data File : M:\MAX\DATA\211015\1016M08.D
Acq On : 16 Oct 21 16:46
Sample : 211016A BLK
Misc : IS&S 8/4/21

Vial: 8
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 20 11:53 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1016M03.D Vial: 3
Acq On : 16 Oct 21 14:23 Operator: LP,DG,CH
Sample : 211016A LCS 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 20 11:46 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.35	96	542557	25.00	ppb		0.00
65) Chlorobenzene-D5 (IS)	9.50	117	466520	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.82	152	302669	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.57	111	162604	24.13	ppb		0.00
Spiked Amount 25.000			Recovery = 96.524%				
46) 1,2-DCA-D4(S)	5.96	65	104480	22.23	ppb		0.00
Spiked Amount 25.000			Recovery = 88.924%				
66) Toluene-D8(S)	8.05	98	552311	25.76	ppb		0.00
Spiked Amount 25.000			Recovery = 103.032%				
74) 4-Bromofluorobenzene(S)	10.68	95	216487	25.00	ppb		0.00
Spiked Amount 25.000			Recovery = 99.992%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.19	85	29592	9.11	ppb		94
4) Freon 114	1.29	85	20192	11.10	ppb		68
5) Chloromethane	1.33	50	21196	10.94	ppb		95
6) Vinyl chloride	1.42	62	21912	9.17	ppb		93
8) Bromomethane	1.68	94	16309	8.08	ppb	#	80
9) Chloroethane	1.78	64	15149	9.81	ppb		90
10) Dichlorofluoromethane	1.97	67	43974	8.39	ppb		95
11) Trichlorofluoromethane	2.01	101	57001	9.09	ppb		97
13) Acrolein	2.44	56	38519	126.51	ppb		93
14) Acetone	2.62	43	32900	46.51	ppb		99
15) Freon-113	2.53	151	24930	9.77	ppb		93
16) Acetonitrile	2.93	41	24596	146.31	ppb		92
18) 1,2-Dichlorotrifluoroethan	1.97	67	43974	8.39	ppb		100
19) 1,1-DCE	2.51	61	35330	9.30	ppb		96
20) t-Butanol	3.35	59	25164	113.33	ppb		97
21) Methyl Acetate	3.00	43	12793	10.75	ppb		91
22) Iodomethane	2.66	142	23417	9.00	ppb		96
23) Acrylonitrile	3.44	53	7289	10.90	ppb	#	82
25) Methylene chloride	3.09	84	24530	10.00	ppb		96
26) Carbon disulfide	2.72	76	31096	10.06	ppb		95
27) Methyl t-butyl ether (MtBE	3.48	73	82581	10.09	ppb		98
28) Trans-1,2-DCE	3.44	96	25582	9.66	ppb		93
29) 3-Methylpentane	3.48	57	15181	11.02	ppb		94
31) Diisopropyl Ether	4.25	45	58232	11.41	ppb		88
32) 1,1-DCA	4.07	63	40706	10.24	ppb	#	91
34) Ethyl tert Butyl Ether	4.78	59	72763	11.10	ppb		94
35) Methylcyclopentane	4.78	56	2937	10.47	ppb		100
36) MEK (2-Butanone)	5.00	43	37891	51.23	ppb		95
37) Cis-1,2-DCE	4.92	96	29318	9.99	ppb		94
38) 2,2-Dichloropropane	4.90	77	49712	9.75	ppb	#	90
39) Chloroform	5.37	83	53825	10.43	ppb		93
40) Bromochloromethane	5.23	130	22819	9.93	ppb		92
42) 1,1,1-TCA	5.55	97	58647	9.68	ppb		97
43) Cyclohexane	5.59	41	17082	9.86	ppb		92
44) 1,1-Dichloropropene	5.76	75	31869	9.70	ppb		92
45) 2,2,4-Trimethylpentane	6.13	57	48917	11.48	ppb		93
47) Carbon Tetrachloride	5.74	117	51000	8.95	ppb		99
48) Tert Amyl Methyl Ether	6.19	73	67644	10.47	ppb		96
49) 1,2-DCA	6.05	62	47508	9.31	ppb		95
50) Benzene	6.00	78	93732	9.85	ppb		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1016M03.D Vial: 3
Acq On : 16 Oct 21 14:23 Operator: LP,DG,CH
Sample : 211016A LCS 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 20 11:46 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.76	95	28885	9.48	ppb		93
52)	2-Pentanone	7.01	43	156367	126.48	ppb		97
53)	1,2-Dichloropropane	7.00	63	12204	11.60	ppb	#	93
54)	Bromodichloromethane	7.32	83	40164	9.40	ppb		97
55)	Methyl Cyclohexane	6.94	83	32088	9.80	ppb		91
56)	Dibromomethane	7.13	93	15777	8.49	ppb		90
57)	MIBK (methyl isobutyl ket	7.98	43	82840	52.40	ppb		94
58)	1-Bromo-2-chloroethane	7.62	144	5807	9.72	ppb		98
60)	Cis-1,3-Dichloropropene	7.79	75	40881	10.68	ppb	#	87
61)	Toluene	8.12	91	110982	10.09	ppb		97
62)	Trans-1,3-Dichloropropene	8.38	75	40337	10.63	ppb		99
63)	1,1,2-TCA	8.55	83	16872	9.89	ppb		98
64)	2-Hexanone	8.83	43	55755	52.14	ppb		94
67)	1,2-EDB	9.03	107	24981	10.15	ppb		92
68)	Tetrachloroethene	8.67	164	21920	8.86	ppb		88
69)	1-Chlorohexane	9.54	91	17904	9.67	ppb		97
70)	1,1,1,2-Tetrachloroethane	9.63	131	35386	10.20	ppb		89
71)	m&p-Xylene	9.77	106	111796	21.20	ppb		97
72)	o-Xylene	10.17	106	56200	10.16	ppb		90
73)	Styrene	10.18	104	90439	10.86	ppb	#	97
75)	1,3-Dichloropropane	8.72	76	38793	10.72	ppb		93
76)	Dibromochloromethane	8.94	129	35280	9.74	ppb		96
77)	Chlorobenzene	9.53	112	84050	10.39	ppb		93
78)	Ethylbenzene	9.66	91	130987	10.23	ppb		100
79)	Bromoform	10.36	173	28390	9.44	ppb		95
81)	Isopropylbenzene	10.54	105	146173	10.36	ppb		99
82)	1,1,2,2-Tetrachloroethane	10.85	83	26476	10.93	ppb		92
83)	1,2,3-Trichloropropane	10.88	110	12012	9.92	ppb		95
84)	t-1,4-Dichloro-2-Butene	10.90	53	6687	10.83	ppb	#	63
85)	Bromobenzene	10.82	156	45516	9.85	ppb		94
86)	n-Propylbenzene	10.95	91	146339	10.50	ppb		100
87)	4-Ethyltoluene	11.06	105	139871	10.87	ppb		93
88)	2-Chlorotoluene	11.02	91	109193	9.88	ppb		91
89)	1,3,5-Trimethylbenzene	11.13	105	127074	10.55	ppb		99
90)	4-Chlorotoluene	11.13	91	111370	10.14	ppb		100
91)	Tert-Butylbenzene	11.45	119	75064	11.29	ppb		92
92)	1,2,4-Trimethylbenzene	11.49	105	125974	11.04	ppb		96
93)	Sec-Butylbenzene	11.66	105	139735	10.98	ppb		99
94)	p-Isopropyltoluene	11.82	119	135564	11.02	ppb		97
95)	Benzyl Chloride	12.00	91	33005	11.33	ppb		99
96)	1,3-DCB	11.76	146	84652	10.52	ppb		96
97)	1,4-DCB	11.85	146	83200	10.16	ppb		94
98)	n-Butylbenzene	12.22	91	86556	10.36	ppb		95
99)	1,2-DCB	12.22	146	78032	9.91	ppb		98
100)	Hexachloroethane	12.46	117	21103	10.24	ppb		95
101)	1,2-Dibromo-3-chloropropan	12.99	75	6412	9.38	ppb		93
102)	1,2,4-Trichlorobenzene	13.82	180	29392	9.37	ppb		90
103)	Hexachlorobutadiene	13.99	225	31510	9.41	ppb		95
104)	Naphthalene	14.06	128	60655	10.43	ppb		96
105)	1,2,3-Trichlorobenzene	14.30	180	38313	9.44	ppb		92

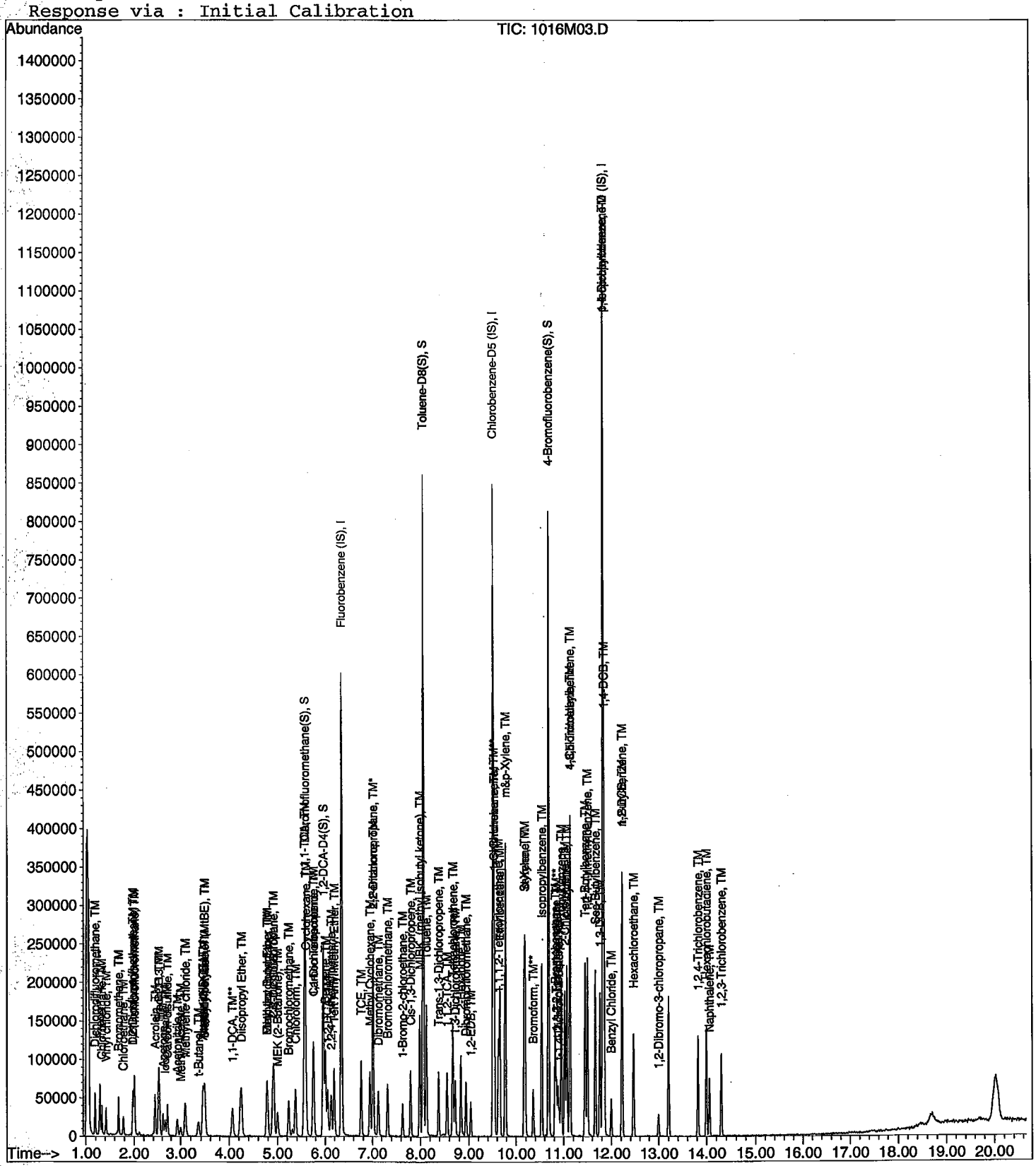
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1016M03.D Vial: 3
Acq On : 16 Oct 21 14:23 Operator: LP,DG,CH
Sample : 211016A LCS 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 20 11:46 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1016M04.D Vial: 4
Acq On : 16 Oct 21 14:52 Operator: LP,DG,CH
Sample : 211016A LCSD 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 20 11:46 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.35	96	503033	25.00	ppb		0.00
65) Chlorobenzene-D5 (IS)	9.51	117	442561	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.83	152	295173	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.57	111	149931	24.00	ppb		0.00
Spiked Amount 25.000			Recovery = 95.996%				
46) 1,2-DCA-D4(S)	5.96	65	94216	21.62	ppb		0.00
Spiked Amount 25.000			Recovery = 86.488%				
66) Toluene-D8(S)	8.06	98	504438	24.80	ppb		0.00
Spiked Amount 25.000			Recovery = 99.196%				
74) 4-Bromofluorobenzene(S)	10.68	95	208615	25.39	ppb		0.00
Spiked Amount 25.000			Recovery = 101.572%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.19	85	25744	8.55	ppb		98
4) Freon 114	1.29	85	18269	10.83	ppb		83
5) Chloromethane	1.33	50	18852	10.49	ppb		95
6) Vinyl chloride	1.42	62	22901	10.34	ppb		98
8) Bromomethane	1.68	94	15448	8.25	ppb		89
9) Chloroethane	1.78	64	13959	9.76	ppb	#	87
10) Dichlorofluoromethane	1.97	67	43179	8.88	ppb		100
11) Trichlorofluoromethane	2.01	101	53105	9.14	ppb		96
13) Acrolein	2.44	56	36249	128.35	ppb		98
14) Acetone	2.61	43	29979	45.71	ppb		91
15) Freon-113	2.53	151	23695	10.02	ppb		93
16) Acetonitrile	2.93	41	21382	137.19	ppb		94
18) 1,2-Dichlorotrifluoroethan	1.97	67	43179	8.88	ppb		100
19) 1,1-DCE	2.51	61	33592	9.54	ppb		92
20) t-Butanol	3.34	59	23973	116.73	ppb		94
21) Methyl Acetate	3.00	43	11362	10.30	ppb	#	84
22) Iodomethane	2.67	142	22890	9.43	ppb		95
23) Acrylonitrile	3.45	53	6965	11.24	ppb	#	68
25) Methylene chloride	3.09	84	22931	10.09	ppb		93
26) Carbon disulfide	2.72	76	28384	9.91	ppb		97
27) Methyl t-butyl ether (MtBE	3.48	73	76941	10.14	ppb		99
28) Trans-1,2-DCE	3.44	96	24862	10.12	ppb		98
29) 3-Methylpentane	3.47	57	14137	11.07	ppb		87
31) Diisopropyl Ether	4.25	45	54528	11.53	ppb		94
32) 1,1-DCA	4.07	63	37589	10.20	ppb		92
34) Ethyl tert Butyl Ether	4.78	59	68444	11.26	ppb		99
35) Methylcyclopentane	4.78	56	3023	11.78	ppb		100
36) MEK (2-Butanone)	5.00	43	36072	52.60	ppb		91
37) Cis-1,2-DCE	4.92	96	26346	9.68	ppb		95
38) 2,2-Dichloropropane	4.90	77	45143	9.55	ppb	#	90
39) Chloroform	5.37	83	49596	10.37	ppb		99
40) Bromochloromethane	5.23	130	21372	10.04	ppb		89
42) 1,1,1-TCA	5.55	97	51909	9.24	ppb		97
43) Cyclohexane	5.59	41	16182	10.07	ppb		86
44) 1,1-Dichloropropene	5.76	75	31198	10.24	ppb		91
45) 2,2,4-Trimethylpentane	6.13	57	45202	11.44	ppb	#	82
47) Carbon Tetrachloride	5.74	117	46082	8.72	ppb		96
48) Tert Amyl Methyl Ether	6.19	73	68913	11.50	ppb		99
49) 1,2-DCA	6.05	62	44351	9.38	ppb		95
50) Benzene	6.00	78	88377	10.02	ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1016M04.D Vial: 4
Acq On : 16 Oct 21 14:52 Operator: LP,DG,CH
Sample : 211016A LCSD 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 20 11:46 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.76	95	26907	9.53	ppb		85
52)	2-Pentanone	7.01	43	148102	129.21	ppb		95
53)	1,2-Dichloropropane	7.00	63	10310	10.54	ppb		94
54)	Bromodichloromethane	7.32	83	38824	9.80	ppb		100
55)	Methyl Cyclohexane	6.95	83	31843	10.48	ppb		91
56)	Dibromomethane	7.13	93	15770	9.15	ppb		92
57)	MIBK (methyl isobutyl ket	7.98	43	72745	49.63	ppb		97
58)	1-Bromo-2-chloroethane	7.63	144	6077	10.96	ppb		86
60)	Cis-1,3-Dichloropropene	7.79	75	37849	10.67	ppb		87
61)	Toluene	8.13	91	103331	10.13	ppb		97
62)	Trans-1,3-Dichloropropene	8.38	75	38254	10.87	ppb		98
63)	1,1,2-TCA	8.56	83	17088	10.81	ppb		95
64)	2-Hexanone	8.83	43	53154	53.62	ppb		99
67)	1,2-EDB	9.04	107	24152	10.34	ppb		89
68)	Tetrachloroethene	8.67	164	19856	8.39	ppb		92
69)	1-Chlorohexane	9.54	91	19536	11.12	ppb		93
70)	1,1,1,2-Tetrachloroethane	9.63	131	35336	10.73	ppb		95
71)	m&p-Xylene	9.77	106	105489	21.08	ppb		98
72)	o-Xylene	10.17	106	55142	10.51	ppb		96
73)	Styrene	10.18	104	85470	10.82	ppb		99
75)	1,3-Dichloropropane	8.72	76	36054	10.50	ppb		85
76)	Dibromochloromethane	8.94	129	33390	9.72	ppb		100
77)	Chlorobenzene	9.53	112	80271	10.46	ppb		96
78)	Ethylbenzene	9.66	91	124648	10.26	ppb		96
79)	Bromoform	10.36	173	27148	9.52	ppb		98
81)	Isopropylbenzene	10.54	105	137364	9.98	ppb		99
82)	1,1,2,2-Tetrachloroethane	10.85	83	23319	9.87	ppb	#	92
83)	1,2,3-Trichloropropane	10.88	110	12095	10.24	ppb		95
84)	t-1,4-Dichloro-2-Butene	10.91	53	6401	10.64	ppb		76
85)	Bromobenzene	10.82	156	47397	10.52	ppb		94
86)	n-Propylbenzene	10.95	91	142186	10.46	ppb		99
87)	4-Ethyltoluene	11.06	105	134018	10.68	ppb		94
88)	2-Chlorotoluene	11.02	91	95552	8.86	ppb		89
89)	1,3,5-Trimethylbenzene	11.13	105	125709	10.70	ppb		100
90)	4-Chlorotoluene	11.13	91	112508	10.51	ppb		93
91)	Tert-Butylbenzene	11.45	119	72472	11.18	ppb		96
92)	1,2,4-Trimethylbenzene	11.49	105	126162	11.34	ppb		99
93)	Sec-Butylbenzene	11.66	105	140583	11.33	ppb		99
94)	p-Isopropyltoluene	11.82	119	139502	11.63	ppb		98
95)	Benzyl Chloride	12.00	91	33443	11.77	ppb		99
96)	1,3-DCB	11.76	146	80414	10.25	ppb		99
97)	1,4-DCB	11.85	146	82876	10.37	ppb		97
98)	n-Butylbenzene	12.22	91	85606	10.49	ppb		95
99)	1,2-DCB	12.22	146	80202	10.44	ppb		96
100)	Hexachloroethane	12.46	117	20336	10.12	ppb		97
101)	1,2-Dibromo-3-chloropropan	12.99	75	5949	8.98	ppb	#	84
102)	1,2,4-Trichlorobenzene	13.81	180	28704	9.38	ppb		86
103)	Hexachlorobutadiene	13.99	225	32155	9.80	ppb		93
104)	Naphthalene	14.06	128	58339	10.30	ppb		99
105)	1,2,3-Trichlorobenzene	14.30	180	36086	9.20	ppb		94

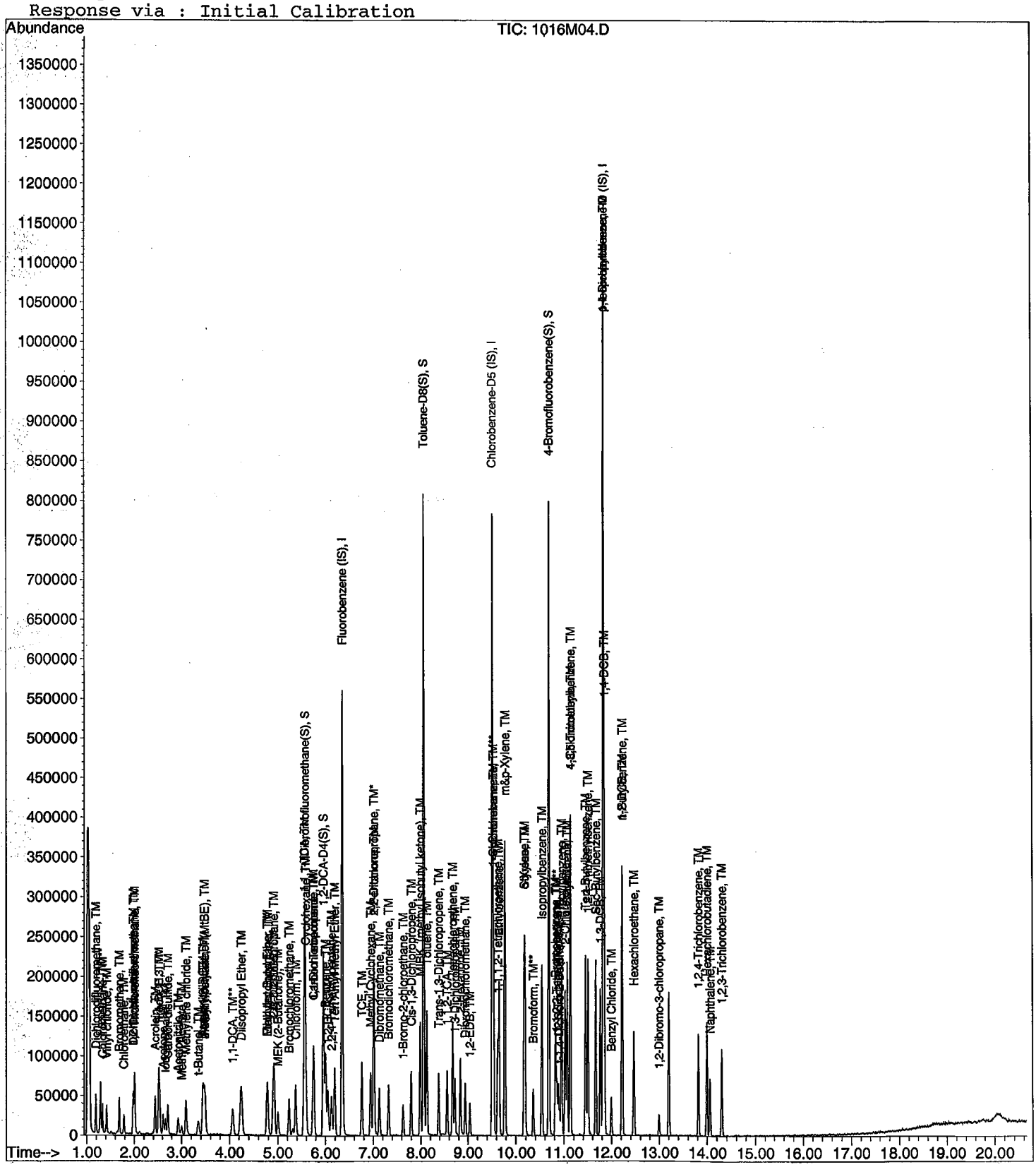
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1016M04.D Vial: 4
Acq On : 16 Oct 21 14:52 Operator: LP,DG,CH
Sample : 211016A LCSD 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 20 11:46 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1018M08.D Vial: 8
Acq On : 18 Oct 21 17:36 Operator: LP,DG,CH
Sample : 211018A BLK Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 12:55 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	96	366681	25.00	ppb	0.02
65) Chlorobenzene-D5 (IS)	9.51	117	325488	25.00	ppb	0.02
80) 1,4-Dichlorobenzene-D (IS)	11.84	152	211610	25.00	ppb	0.02
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.58	111	113588	24.94	ppb	0.02
Spiked Amount 25.000			Recovery =	99.768%		
46) 1,2-DCA-D4(S)	5.97	65	76456	24.07	ppb	0.02
Spiked Amount 25.000			Recovery =	96.284%		
66) Toluene-D8(S)	8.07	98	378310	25.29	ppb	0.02
Spiked Amount 25.000			Recovery =	101.152%		
74) 4-Bromofluorobenzene(S)	10.69	95	150504	24.91	ppb	0.02
Spiked Amount 25.000			Recovery =	99.636%		

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

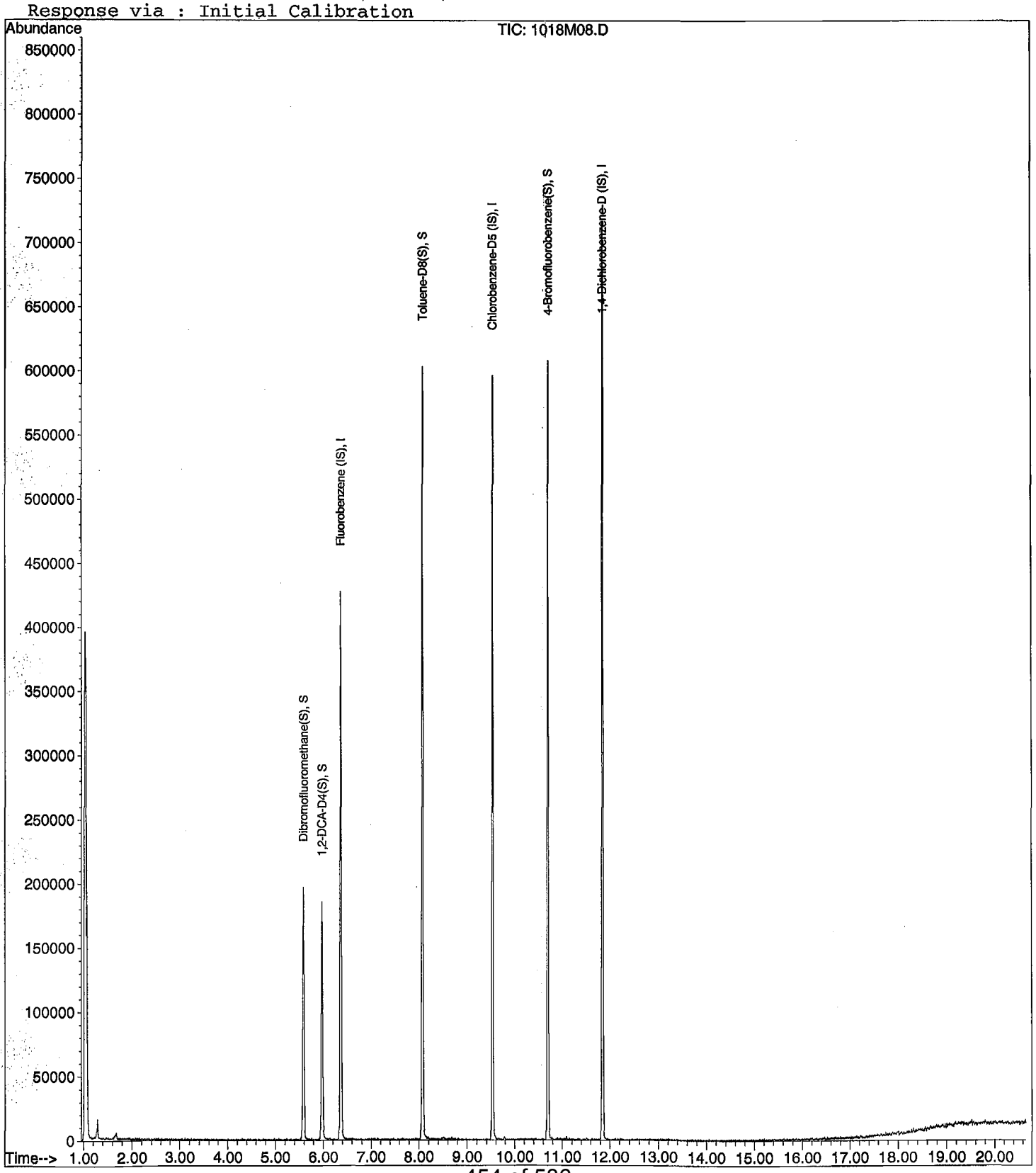
Data File : M:\MAX\DATA\211015\1018M08.D
Acq On : 18 Oct 21 17:36
Sample : 211018A BLK
Misc : IS&S 8/4/21

Vial: 8
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 28 12:55 2021

Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1018M03.D Vial: 3
Acq On : 18 Oct 21 15:15 Operator: LP,DG,CH
Sample : 211018A LCS 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 12:51 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.36	96	373214	25.00	ppb		0.02
65) Chlorobenzene-D5 (IS)	9.51	117	339185	25.00	ppb		0.02
80) 1,4-Dichlorobenzene-D (IS)	11.83	152	226200	25.00	ppb		0.01
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.58	111	111778	24.12	ppb		0.02
Spiked Amount 25.000			Recovery =	96.460%			
46) 1,2-DCA-D4(S)	5.97	65	78872	24.40	ppb		0.02
Spiked Amount 25.000			Recovery =	97.588%			
66) Toluene-D8(S)	8.07	98	379591	24.35	ppb		0.02
Spiked Amount 25.000			Recovery =	97.396%			
74) 4-Bromofluorobenzene(S)	10.69	95	157099	24.95	ppb		0.01
Spiked Amount 25.000			Recovery =	99.804%			
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.19	85	22536	10.09	ppb		94
4) Freon 114	1.29	85	13658	10.91	ppb		75
5) Chloromethane	1.34	50	13912	10.43	ppb		99
6) Vinyl chloride	1.43	62	17255	10.50	ppb		95
8) Bromomethane	1.69	94	14533	10.46	ppb		99
9) Chloroethane	1.78	64	10633	9.99	ppb		97
10) Dichlorofluoromethane	1.98	67	32310	8.96	ppb		98
11) Trichlorofluoromethane	2.01	101	43340	10.05	ppb		98
13) Acrolein	2.45	56	25825	123.40	ppb		91
14) Acetone	2.63	43	24043	49.41	ppb		95
15) Freon-113	2.54	151	16737	9.54	ppb		90
16) Acetonitrile	2.95	41	14760	127.64	ppb		89
18) 1,2-Dichlorotrifluoroethan	1.98	67	32310	8.96	ppb	#	100
19) 1,1-DCE	2.52	61	25372	9.71	ppb		98
20) t-Butanol	3.36	59	21053	140.76	ppb		98
21) Methyl Acetate	3.02	43	9430	11.52	ppb		95
22) Iodomethane	2.67	142	16015	8.96	ppb		95
23) Acrylonitrile	3.45	53	4155	9.01	ppb	#	69
25) Methylene chloride	3.10	84	17256	10.23	ppb		97
26) Carbon disulfide	2.73	76	20872	9.82	ppb		100
27) Methyl t-butyl ether (MtBE	3.49	73	61043	10.85	ppb		97
28) Trans-1,2-DCE	3.45	96	17798	9.77	ppb		93
29) 3-Methylpentane	3.49	57	9691	10.19	ppb	#	98
31) Diisopropyl Ether	4.27	45	39895	11.37	ppb		92
32) 1,1-DCA	4.09	63	29822	10.91	ppb	#	95
34) Ethyl tert Butyl Ether	4.79	59	48032	10.65	ppb		98
35) Methylcyclopentane	4.78	56	1916	9.85	ppb		100
36) MEK (2-Butanone)	5.01	43	26767	52.61	ppb		93
37) Cis-1,2-DCE	4.94	96	19383	9.60	ppb		94
38) 2,2-Dichloropropane	4.91	77	36806	10.50	ppb		97
39) Chloroform	5.38	83	38821	10.94	ppb		93
40) Bromochloromethane	5.25	130	16424	10.41	ppb		88
42) 1,1,1-TCA	5.56	97	42129	10.11	ppb		98
43) Cyclohexane	5.60	41	11078	9.30	ppb		93
44) 1,1-Dichloropropene	5.77	75	23661	10.47	ppb		90
45) 2,2,4-Trimethylpentane	6.14	57	32446	11.07	ppb	#	84
47) Carbon Tetrachloride	5.75	117	36488	9.31	ppb		93
48) Tert Amyl Methyl Ether	6.20	73	49134	11.05	ppb		93
49) 1,2-DCA	6.06	62	34723	9.90	ppb		98
50) Benzene	6.01	78	64620	9.87	ppb		93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1018M03.D Vial: 3
Acq On : 18 Oct 21 15:15 Operator: LP,DG,CH
Sample : 211018A LCS 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 12:51 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.77	95	19358	9.24	ppb		85
52)	2-Pentanone	7.02	43	115148	135.40	ppb		96
53)	1,2-Dichloropropane	7.01	63	7169	9.86	ppb		94
54)	Bromodichloromethane	7.33	83	30861	10.50	ppb		98
55)	Methyl Cyclohexane	6.96	83	22303	9.90	ppb		87
56)	Dibromomethane	7.14	93	11658	9.12	ppb		96
57)	MIBK (methyl isobutyl ket	7.99	43	60494	55.62	ppb		94
58)	1-Bromo-2-chloroethane	7.64	144	4005	9.74	ppb		89
60)	Cis-1,3-Dichloropropene	7.81	75	28427	10.80	ppb		88
61)	Toluene	8.13	91	76352	10.09	ppb		97
62)	Trans-1,3-Dichloropropene	8.39	75	28953	11.09	ppb		100
63)	1,1,2-TCA	8.56	83	11949	10.18	ppb		97
64)	2-Hexanone	8.84	43	40904	55.61	ppb		95
67)	1,2-EDB	9.05	107	18153	10.14	ppb		95
68)	Tetrachloroethene	8.68	164	15550	8.61	ppb		90
69)	1-Chlorohexane	9.54	91	12830	9.53	ppb		95
70)	1,1,1,2-Tetrachloroethane	9.64	131	28134	11.15	ppb		86
71)	m&p-Xylene	9.78	106	79564	20.75	ppb		93
72)	o-Xylene	10.17	106	40630	10.10	ppb		98
73)	Styrene	10.19	104	63933	10.56	ppb	#	97
75)	1,3-Dichloropropane	8.73	76	26347	10.01	ppb		92
76)	Dibromochloromethane	8.95	129	27698	10.52	ppb		98
77)	Chlorobenzene	9.54	112	60898	10.36	ppb		94
78)	Ethylbenzene	9.67	91	93273	10.02	ppb		96
79)	Bromoform	10.36	173	21201	9.70	ppb		95
81)	Isopropylbenzene	10.54	105	99748	9.46	ppb		96
82)	1,1,2,2-Tetrachloroethane	10.86	83	19796	10.94	ppb		95
83)	1,2,3-Trichloropropane	10.89	110	9255	10.23	ppb		84
84)	t-1,4-Dichloro-2-Butene	10.92	53	5043	10.93	ppb	#	67
85)	Bromobenzene	10.83	156	34841	10.09	ppb		85
86)	n-Propylbenzene	10.96	91	106435	10.22	ppb		100
87)	4-Ethyltoluene	11.07	105	101637	10.56	ppb		92
88)	2-Chlorotoluene	11.03	91	82182	9.95	ppb		97
89)	1,3,5-Trimethylbenzene	11.14	105	96435	10.71	ppb		97
90)	4-Chlorotoluene	11.14	91	84266	10.27	ppb		97
91)	Tert-Butylbenzene	11.46	119	54208	10.91	ppb		95
92)	1,2,4-Trimethylbenzene	11.50	105	94474	11.08	ppb		98
93)	Sec-Butylbenzene	11.67	105	105033	11.05	ppb		98
94)	p-Isopropyltoluene	11.83	119	101538	11.05	ppb		99
95)	Benzyl Chloride	12.00	91	26274	12.07	ppb		97
96)	1,3-DCB	11.77	146	62936	10.47	ppb		94
97)	1,4-DCB	11.86	146	59426	9.71	ppb		95
98)	n-Butylbenzene	12.23	91	60570	9.79	ppb		98
99)	1,2-DCB	12.23	146	62625	10.64	ppb		97
100)	Hexachloroethane	12.47	117	15712	10.20	ppb		92
101)	1,2-Dibromo-3-chloropropan	13.00	75	4740	9.29	ppb		92
102)	1,2,4-Trichlorobenzene	13.82	180	22800	9.64	ppb		87
103)	Hexachlorobutadiene	14.00	225	24190	9.64	ppb		95
104)	Naphthalene	14.07	128	45437	10.45	ppb		97
105)	1,2,3-Trichlorobenzene	14.31	180	28110	9.31	ppb		89

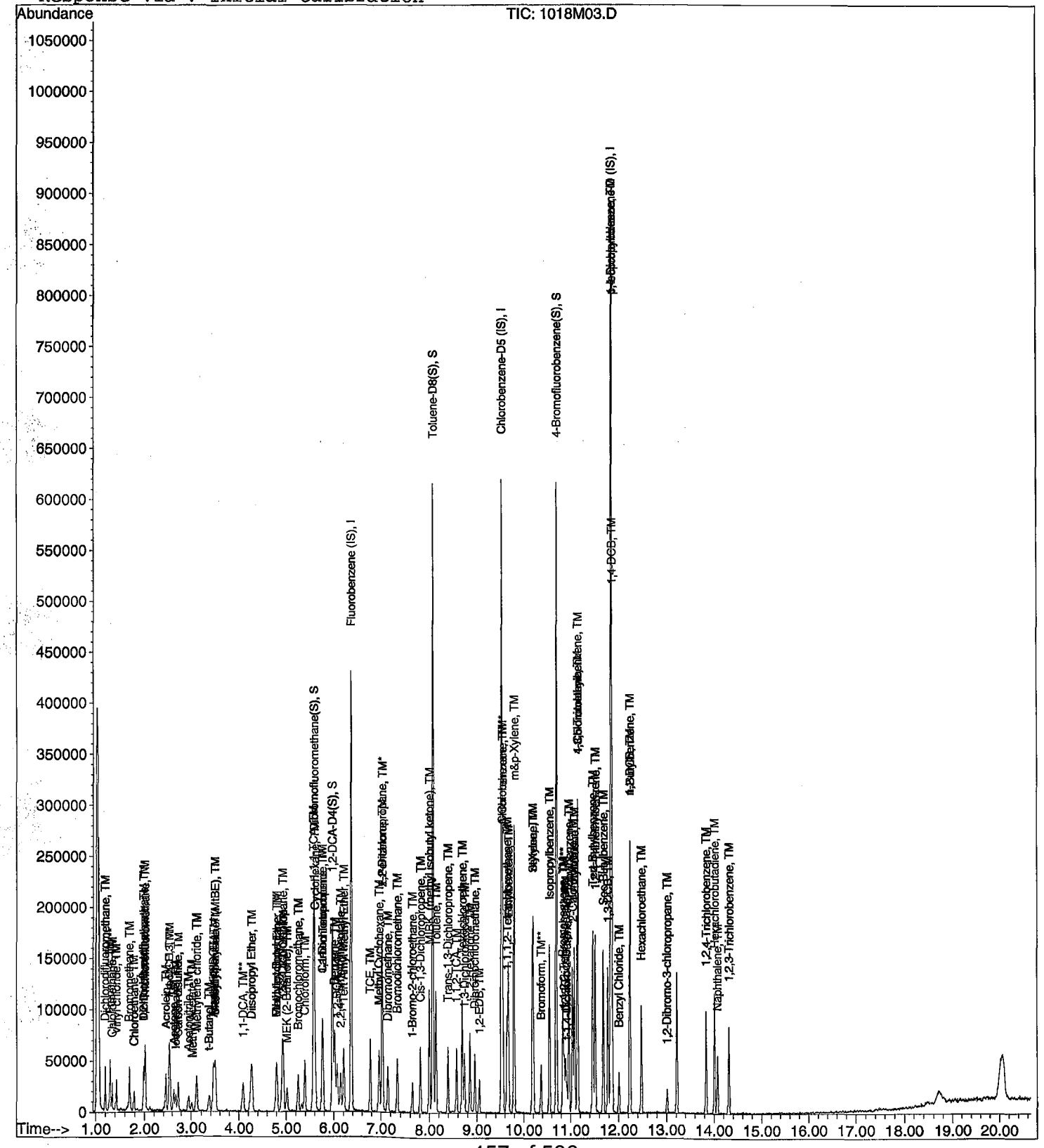
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1018M03.D Vial: 3
Acq On : 18 Oct 21 15:15 Operator: LP,DG,CH
Sample : 211018A LCS 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 12:51 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1018M04.D Vial: 4
Acq On : 18 Oct 21 15:43 Operator: LP,DG,CH
Sample : 211018A LCSD 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 12:51 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.36	96	363164	25.00	ppb		0.02
65) Chlorobenzene-D5 (IS)	9.51	117	329283	25.00	ppb		0.02
80) 1,4-Dichlorobenzene-D (IS)	11.83	152	226451	25.00	ppb		0.01
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.58	111	110284	24.45	ppb		0.02
Spiked Amount 25.000			Recovery = 97.804%				
46) 1,2-DCA-D4(S)	5.97	65	77656	24.69	ppb		0.02
Spiked Amount 25.000			Recovery = 98.740%				
66) Toluene-D8(S)	8.07	98	373339	24.67	ppb		0.02
Spiked Amount 25.000			Recovery = 98.672%				
74) 4-Bromofluorobenzene(S)	10.69	95	154812	25.33	ppb		0.02
Spiked Amount 25.000			Recovery = 101.308%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.19	85	23632	10.87	ppb		99
4) Freon 114	1.29	85	13615	11.18	ppb		76
5) Chloromethane	1.34	50	13522	10.42	ppb		99
6) Vinyl chloride	1.43	62	15651	9.78	ppb		98
8) Bromomethane	1.69	94	14003	10.36	ppb		95
9) Chloroethane	1.78	64	10471	10.09	ppb		96
10) Dichlorofluoromethane	1.98	67	33424	9.52	ppb		100
11) Trichlorofluoromethane	2.01	101	44526	10.61	ppb		100
13) Acrolein	2.45	56	27152	133.01	ppb		87
14) Acetone	2.63	43	25390	53.62	ppb		100
15) Freon-113	2.54	151	18147	10.63	ppb	#	89
16) Acetonitrile	2.94	41	16323	145.06	ppb		99
18) 1,2-Dichlorotrifluoroethan	1.98	67	33424	9.52	ppb		100
19) 1,1-DCE	2.52	61	24203	9.52	ppb		99
20) t-Butanol	3.36	59	21245	146.70	ppb		99
21) Methyl Acetate	3.01	43	8331	10.46	ppb		87
22) Iodomethane	2.67	142	18941	10.62	ppb		92
23) Acrylonitrile	3.46	53	4641	10.36	ppb	#	75
25) Methylene chloride	3.10	84	16999	10.36	ppb		94
26) Carbon disulfide	2.73	76	21048	10.18	ppb		100
27) Methyl t-butyl ether (MtBE	3.49	73	57504	10.50	ppb		98
28) Trans-1,2-DCE	3.45	96	17612	9.93	ppb		99
29) 3-Methylpentane	3.49	57	10337	11.22	ppb		98
31) Diisopropyl Ether	4.27	45	39562	11.59	ppb		94
32) 1,1-DCA	4.09	63	29220	10.99	ppb		94
34) Ethyl tert Butyl Ether	4.79	59	45996	10.48	ppb		99
35) Methylcyclopentane	4.79	56	1826	9.62	ppb		100
36) MEK (2-Butanone)	5.01	43	28281	57.13	ppb		88
37) Cis-1,2-DCE	4.94	96	20009	10.19	ppb		91
38) 2,2-Dichloropropane	4.92	77	37255	10.92	ppb		94
39) Chloroform	5.38	83	38993	11.29	ppb		97
40) Bromochloromethane	5.24	130	14734	9.57	ppb	#	80
42) 1,1,1-TCA	5.56	97	42445	10.47	ppb		96
43) Cyclohexane	5.61	41	11984	10.33	ppb		91
44) 1,1-Dichloropropene	5.77	75	22389	10.18	ppb		87
45) 2,2,4-Trimethylpentane	6.14	57	33854	11.87	ppb	#	81
47) Carbon Tetrachloride	5.76	117	38816	10.18	ppb		100
48) Tert Amyl Methyl Ether	6.20	73	46201	10.68	ppb		98
49) 1,2-DCA	6.06	62	35653	10.44	ppb		100
50) Benzene	6.01	78	66684	10.47	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1018M04.D Vial: 4
Acq On : 18 Oct 21 15:43 Operator: LP,DG,CH
Sample : 211018A LCSD 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 12:51 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.77	95	18083	8.87	ppb	#	65
52)	2-Pentanone	7.02	43	113980	137.74	ppb		98
53)	1,2-Dichloropropane	7.01	63	6977	9.86	ppb	#	92
54)	Bromodichloromethane	7.33	83	31966	11.18	ppb		99
55)	Methyl Cyclohexane	6.96	83	23562	10.73	ppb		93
56)	Dibromomethane	7.14	93	11793	9.48	ppb		98
57)	MIBK (methyl isobutyl ket	7.99	43	61530	58.14	ppb		98
58)	1-Bromo-2-chloroethane	7.64	144	3940	9.85	ppb		80
60)	Cis-1,3-Dichloropropene	7.81	75	28809	11.25	ppb		87
61)	Toluene	8.14	91	78841	10.71	ppb		96
62)	Trans-1,3-Dichloropropene	8.39	75	28664	11.29	ppb		99
63)	1,1,2-TCA	8.57	83	11241	9.85	ppb		94
64)	2-Hexanone	8.84	43	42135	58.87	ppb		97
67)	1,2-EDB	9.05	107	18567	10.69	ppb		91
68)	Tetrachloroethene	8.68	164	16544	9.57	ppb		87
69)	1-Chlorohexane	9.54	91	13481	10.31	ppb		94
70)	1,1,1,2-Tetrachloroethane	9.64	131	25854	10.55	ppb		93
71)	m&p-Xylene	9.78	106	80628	21.66	ppb		99
72)	o-Xylene	10.18	106	41207	10.56	ppb		87
73)	Styrene	10.19	104	65732	11.18	ppb	#	93
75)	1,3-Dichloropropane	8.73	76	27174	10.64	ppb		94
76)	Dibromochloromethane	8.95	129	26612	10.41	ppb		98
77)	Chlorobenzene	9.54	112	61234	10.73	ppb		96
78)	Ethylbenzene	9.67	91	96656	10.70	ppb		99
79)	Bromoform	10.36	173	22487	10.60	ppb		95
81)	Isopropylbenzene	10.55	105	109677	10.39	ppb		100
82)	1,1,2,2-Tetrachloroethane	10.86	83	18566	10.24	ppb		88
83)	1,2,3-Trichloropropane	10.89	110	9405	10.38	ppb		86
84)	t-1,4-Dichloro-2-Butene	10.91	53	4625	10.03	ppb	#	67
85)	Bromobenzene	10.83	156	34941	10.11	ppb		90
86)	n-Propylbenzene	10.96	91	110190	10.57	ppb		94
87)	4-Ethyltoluene	11.07	105	102914	10.69	ppb		94
88)	2-Chlorotoluene	11.03	91	82404	9.96	ppb		92
89)	1,3,5-Trimethylbenzene	11.14	105	95558	10.61	ppb		99
90)	4-Chlorotoluene	11.14	91	84042	10.23	ppb		99
91)	Tert-Butylbenzene	11.45	119	54864	11.03	ppb		97
92)	1,2,4-Trimethylbenzene	11.50	105	98643	11.55	ppb		99
93)	Sec-Butylbenzene	11.67	105	105369	11.07	ppb		97
94)	p-Isopropyltoluene	11.83	119	104957	11.41	ppb		97
95)	Benzyl Chloride	12.00	91	25297	11.61	ppb		96
96)	1,3-DCB	11.77	146	62413	10.37	ppb		94
97)	1,4-DCB	11.86	146	62815	10.25	ppb		97
98)	n-Butylbenzene	12.23	91	64320	10.30	ppb		95
99)	1,2-DCB	12.23	146	62401	10.59	ppb		98
100)	Hexachloroethane	12.47	117	15723	10.20	ppb		95
101)	1,2-Dibromo-3-chloropropan	13.01	75	5039	9.80	ppb		96
102)	1,2,4-Trichlorobenzene	13.82	180	21840	9.32	ppb		93
103)	Hexachlorobutadiene	14.00	225	26211	10.35	ppb		97
104)	Naphthalene	14.07	128	47701	10.89	ppb		100
105)	1,2,3-Trichlorobenzene	14.31	180	28629	9.43	ppb		95

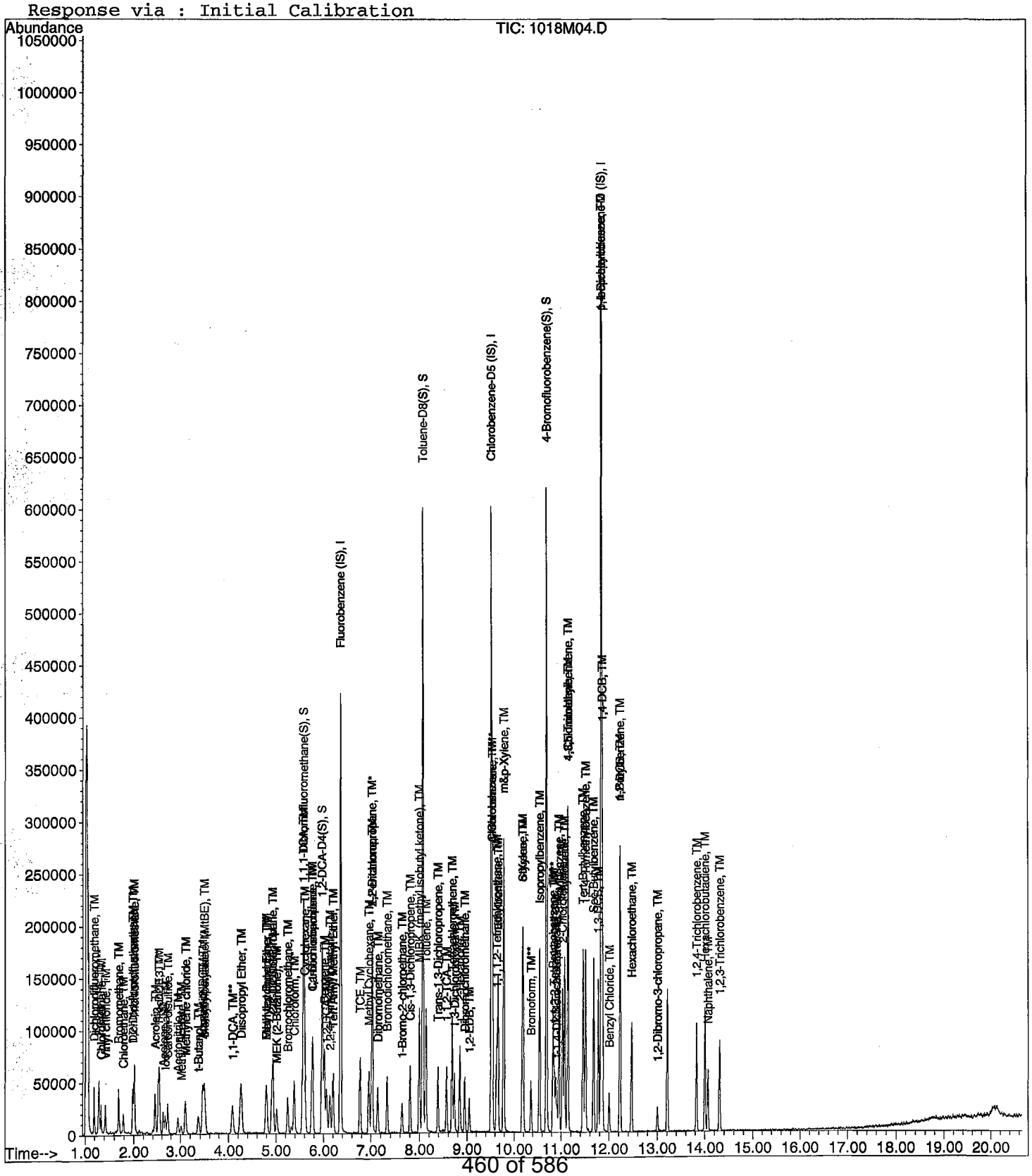
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1018M04.D Vial: 4
Acq On : 18 Oct 21 15:43 Operator: LP,DG,CH
Sample : 211018A LCSD 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 12:51 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1020M14.D Vial: 14
Acq On : 20 Oct 21 17:32 Operator: LP,DG,CH
Sample : 211020A BLK Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 21 10:24 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.37	96	372363	25.00	ppb	0.03
65) Chlorobenzene-D5 (IS)	9.52	117	334252	25.00	ppb	0.02
80) 1,4-Dichlorobenzene-D (IS)	11.84	152	210497	25.00	ppb	0.02
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.59	111	117389	25.38	ppb	0.03
Spiked Amount 25.000			Recovery =	101.536%		
46) 1,2-DCA-D4(S)	5.98	65	82912	25.70	ppb	0.03
Spiked Amount 25.000			Recovery =	102.820%		
66) Toluene-D8(S)	8.07	98	392046	25.52	ppb	0.02
Spiked Amount 25.000			Recovery =	102.076%		
74) 4-Bromofluorobenzene(S)	10.70	95	159167	25.65	ppb	0.02
Spiked Amount 25.000			Recovery =	102.608%		

Target Compounds Qvalue

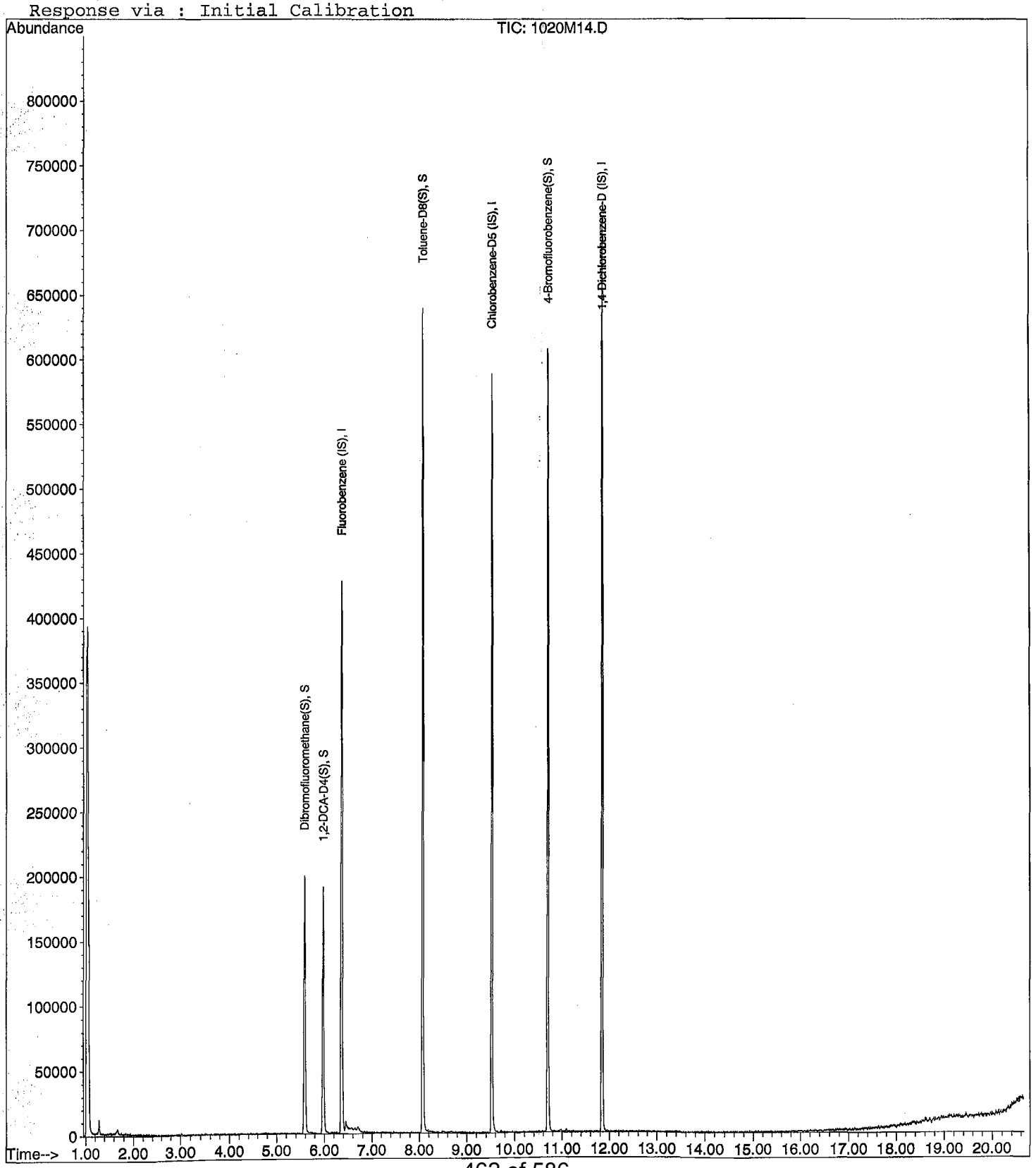
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1020M14.D Vial: 14
Acq On : 20 Oct 21 17:32 Operator: LP,DG,CH
Sample : 211020A BLK Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 21 10:24 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1020M04.D
Acq On : 20 Oct 21 12:48
Sample : 211020A LCS 10ug/L
Misc : IS&S 8/4/21

Vial: 4
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 21 10:13 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.37	96	378259	25.00	ppb		0.03
65) Chlorobenzene-D5 (IS)	9.52	117	340060	25.00	ppb		0.02
80) 1,4-Dichlorobenzene-D (IS)	11.84	152	226929	25.00	ppb		0.02
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.59	111	116141	24.72	ppb		0.03
Spiked Amount 25.000			Recovery =	98.888%			
46) 1,2-DCA-D4(S)	5.98	65	80696	24.63	ppb		0.03
Spiked Amount 25.000			Recovery =	98.512%			
66) Toluene-D8(S)	8.07	98	391517	25.05	ppb		0.02
Spiked Amount 25.000			Recovery =	100.196%			
74) 4-Bromofluorobenzene(S)	10.70	95	161103	25.52	ppb		0.02
Spiked Amount 25.000			Recovery =	102.084%			
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.19	85	20664	9.12	ppb		97
4) Freon 114	1.30	85	16015	12.62	ppb		90
5) Chloromethane	1.34	50	12734	9.42	ppb		99
6) Vinyl chloride	1.43	62	14887	8.94	ppb		99
8) Bromomethane	1.69	94	13536	9.61	ppb		95
9) Chloroethane	1.79	64	9706	9.10	ppb	#	86
10) Dichlorofluoromethane	1.98	67	33581	9.19	ppb		97
11) Trichlorofluoromethane	2.02	101	40344	9.23	ppb		95
13) Acrolein	2.46	56	23092	109.20	ppb		97
14) Acetone	2.63	43	23804	48.27	ppb		93
15) Freon-113	2.55	151	17924	10.08	ppb		95
16) Acetonitrile	2.95	41	15420	131.57	ppb		92
18) 1,2-Dichlorotrifluoroethan	1.98	67	33581	9.19	ppb		100
19) 1,1-DCE	2.53	61	23837	9.00	ppb		95
20) t-Butanol	3.37	59	22494	149.48	ppb		99
21) Methyl Acetate	3.02	43	9264	11.17	ppb		88
22) Iodomethane	2.68	142	16577	9.12	ppb		96
23) Acrylonitrile	3.47	53	5261	11.29	ppb		94
25) Methylene chloride	3.11	84	16285	9.52	ppb		93
26) Carbon disulfide	2.73	76	20688	9.60	ppb		97
27) Methyl t-butyl ether (MtBE	3.49	73	59951	10.51	ppb		94
28) Trans-1,2-DCE	3.46	96	16224	8.79	ppb		98
29) 3-Methylpentane	3.50	57	10056	10.44	ppb	#	90
31) Diisopropyl Ether	4.27	45	37800	10.63	ppb		98
32) 1,1-DCA	4.09	63	26839	9.69	ppb	#	93
34) Ethyl tert Butyl Ether	4.80	59	46968	10.28	ppb		100
35) Methylcyclopentane	4.78	56	380	0.79	ppb		100
36) MEK (2-Butanone)	5.02	43	28233	54.75	ppb	#	89
37) Cis-1,2-DCE	4.94	96	17955	8.78	ppb		94
38) 2,2-Dichloropropane	4.92	77	33769	9.50	ppb	#	86
39) Chloroform	5.39	83	36273	10.09	ppb		93
40) Bromochloromethane	5.25	130	15889	9.92	ppb		89
42) 1,1,1-TCA	5.57	97	39939	9.46	ppb		99
43) Cyclohexane	5.62	41	11889	9.84	ppb		90
44) 1,1-Dichloropropene	5.78	75	22360	9.76	ppb		96
45) 2,2,4-Trimethylpentane	6.14	57	34354	11.56	ppb		82
47) Carbon Tetrachloride	5.77	117	36357	9.15	ppb		97
48) Tert Amyl Methyl Ether	6.21	73	47169	10.47	ppb		96
49) 1,2-DCA	6.07	62	34363	9.66	ppb		98
50) Benzene	6.02	78	60677	9.15	ppb		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1020M04.D
Acq On : 20 Oct 21 12:48
Sample : 211020A LCS 10ug/L
Misc : IS&S 8/4/21

Vial: 4
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 21 10:13 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.78	95	18718	8.81	ppb		92
52)	2-Pentanone	7.03	43	124038	143.91	ppb		95
53)	1,2-Dichloropropane	7.02	63	6726	9.11	ppb		100
54)	Bromodichloromethane	7.34	83	27469	9.23	ppb		88
55)	Methyl Cyclohexane	6.96	83	24513	10.72	ppb		100
56)	Dibromomethane	7.15	93	11418	8.81	ppb		96
57)	MIBK (methyl isobutyl ket	8.00	43	58380	52.96	ppb		97
58)	1-Bromo-2-chloroethane	7.65	144	3548	8.52	ppb	#	66
60)	Cis-1,3-Dichloropropene	7.81	75	25326	9.49	ppb		92
61)	Toluene	8.14	91	72846	9.50	ppb		98
62)	Trans-1,3-Dichloropropene	8.39	75	26087	9.86	ppb		96
63)	1,1,2-TCA	8.57	83	10615	8.93	ppb		96
64)	2-Hexanone	8.85	43	41903	56.21	ppb		99
67)	1,2-EDB	9.05	107	16101	8.97	ppb		96
68)	Tetrachloroethene	8.69	164	13604	7.32	ppb		98
69)	1-Chlorohexane	9.55	91	13883	10.29	ppb		88
70)	1,1,1,2-Tetrachloroethane	9.64	131	25250	9.98	ppb		89
71)	m&p-Xylene	9.79	106	73709	19.17	ppb		94
72)	o-Xylene	10.18	106	37640	9.34	ppb		95
73)	Styrene	10.20	104	60103	9.90	ppb		99
75)	1,3-Dichloropropane	8.73	76	24157	9.16	ppb		93
76)	Dibromochloromethane	8.95	129	25713	9.74	ppb		99
77)	Chlorobenzene	9.55	112	54947	9.32	ppb		96
78)	Ethylbenzene	9.67	91	86422	9.26	ppb		99
79)	Bromoform	10.37	173	19781	9.03	ppb		94
81)	Isopropylbenzene	10.55	105	96754	9.14	ppb		96
82)	1,1,2,2-Tetrachloroethane	10.86	83	16666	9.18	ppb	#	88
83)	1,2,3-Trichloropropane	10.89	110	7798	8.59	ppb		84
84)	t-1,4-Dichloro-2-Butene	10.92	53	5108	11.03	ppb		81
85)	Bromobenzene	10.84	156	31633	9.13	ppb		86
86)	n-Propylbenzene	10.96	91	98991	9.47	ppb		100
87)	4-Ethyltoluene	11.08	105	98632	10.22	ppb		98
88)	2-Chlorotoluene	11.03	91	75942	9.16	ppb		89
89)	1,3,5-Trimethylbenzene	11.14	105	85494	9.47	ppb		90
90)	4-Chlorotoluene	11.14	91	74099	9.00	ppb		95
91)	Tert-Butylbenzene	11.46	119	50464	10.12	ppb		98
92)	1,2,4-Trimethylbenzene	11.51	105	83314	9.74	ppb		99
93)	Sec-Butylbenzene	11.68	105	94192	9.87	ppb		99
94)	p-Isopropyltoluene	11.83	119	91930	9.97	ppb		98
95)	Benzyl Chloride	12.01	91	18469	8.46	ppb		97
96)	1,3-DCB	11.77	146	56761	9.41	ppb		96
97)	1,4-DCB	11.86	146	55532	9.04	ppb		95
98)	n-Butylbenzene	12.23	91	53018	8.70	ppb		96
99)	1,2-DCB	12.23	146	55704	9.44	ppb		98
100)	Hexachloroethane	12.48	117	14172	9.17	ppb		84
101)	1,2-Dibromo-3-chloropropan	13.01	75	4505	8.86	ppb		90
102)	1,2,4-Trichlorobenzene	13.83	180	20296	8.80	ppb		95
103)	Hexachlorobutadiene	14.01	225	22149	8.89	ppb		94
104)	Naphthalene	14.07	128	39764	9.29	ppb		96
105)	1,2,3-Trichlorobenzene	14.32	180	26278	8.85	ppb		89

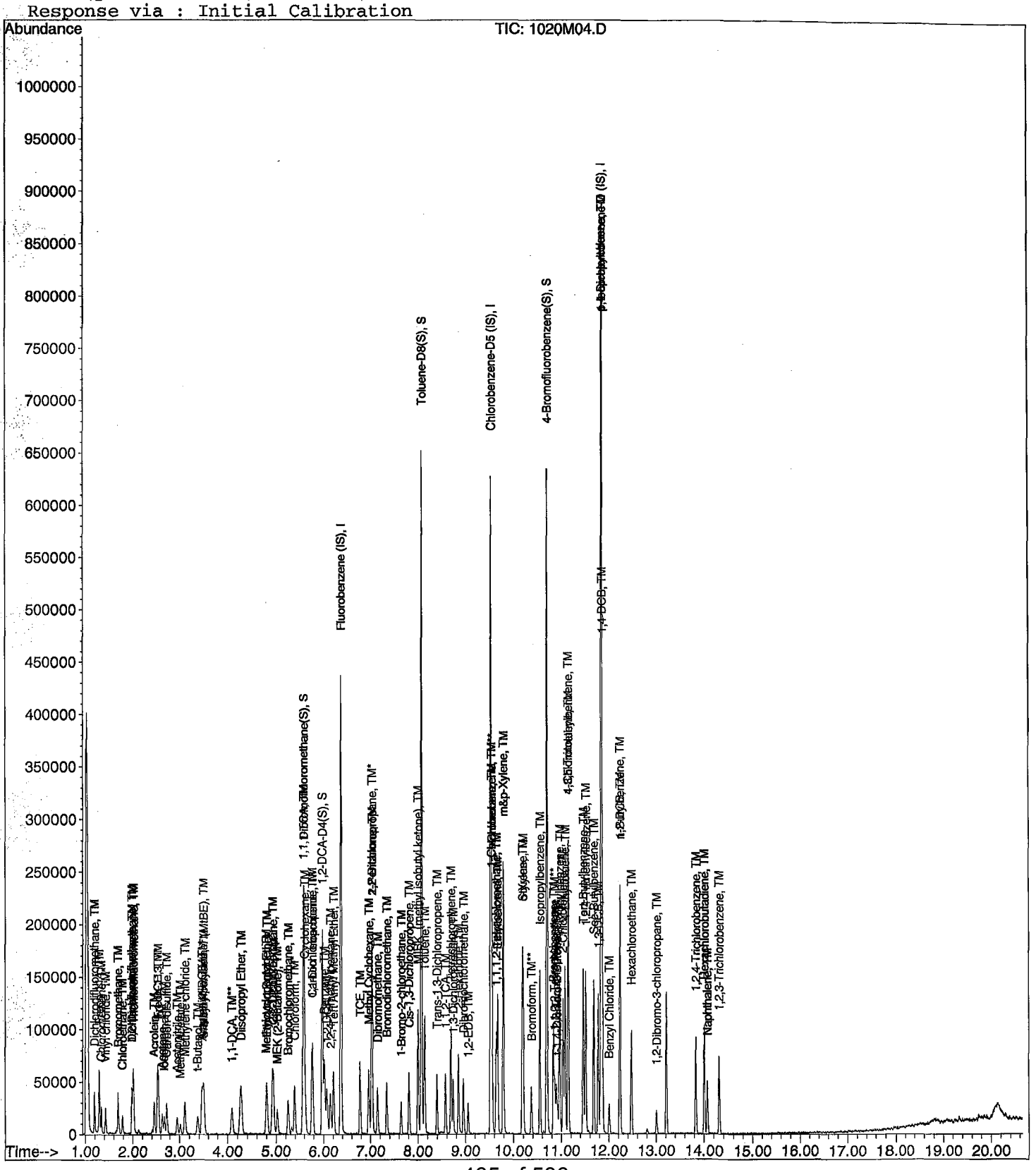
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1020M04.D Vial: 4
Acq On : 20 Oct 21 12:48 Operator: LP,DG,CH
Sample : 211020A LCS 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 21 10:13 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration

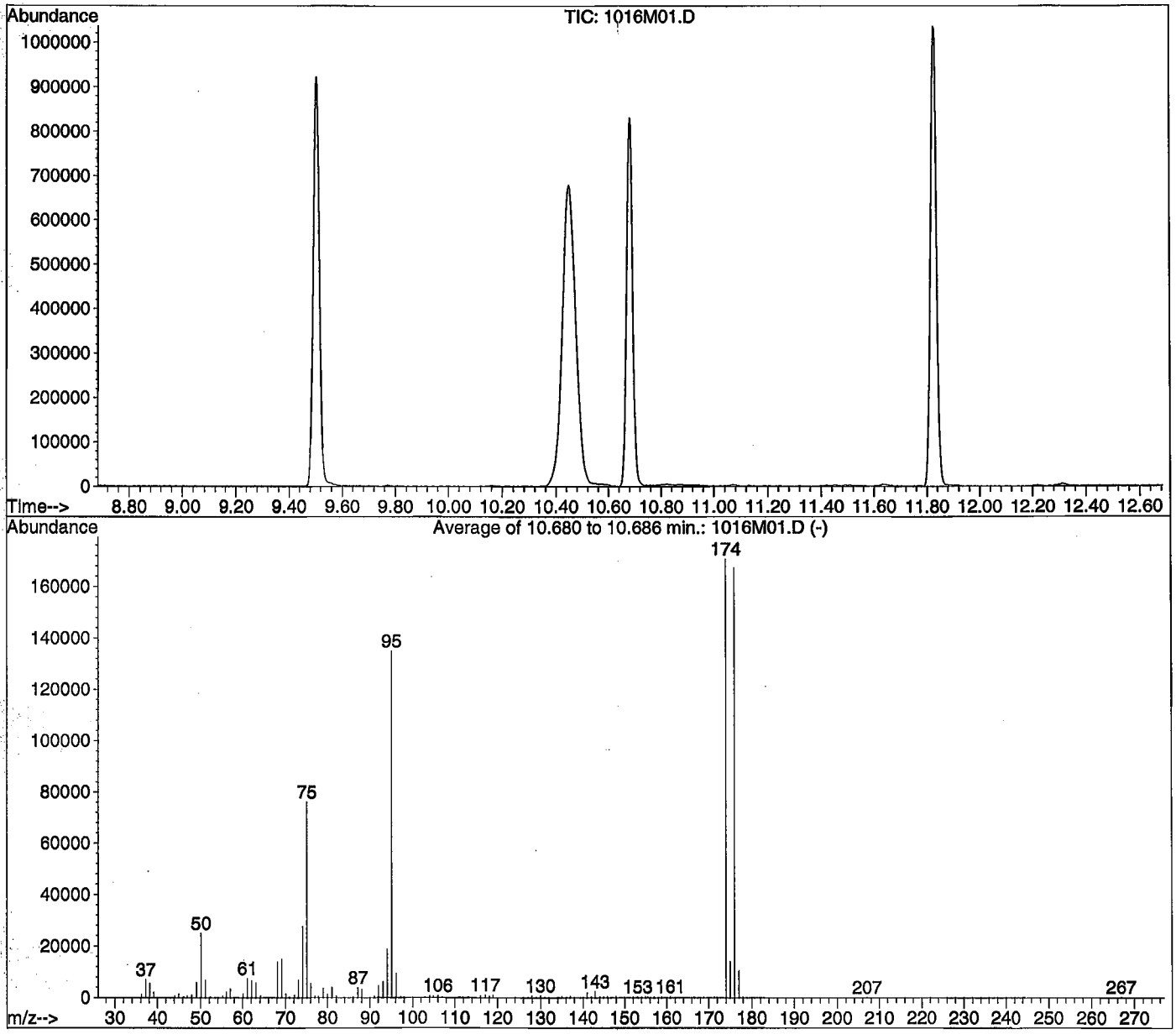


BFB

Data File : M:\MAX\DATA\211015\1016M01.D
Acq On : 16 Oct 21 13:27
Sample : 25ug/L BFB STD 9/23/21
Misc : IS&S 8/4/21

Vial: 1
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B



Spectrum Information: Average of 10.680 to 10.686 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.4	24840	PASS
75	95	30	60	56.5	76152	PASS
95	95	100	200	100.0	134763	PASS
96	95	5	9	6.9	9254	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	200	126.6	170560	PASS
175	174	5	9	8.1	13899	PASS
176	174	95	101	98.0	167125	PASS
177	176	5	9	6.2	10331	PASS

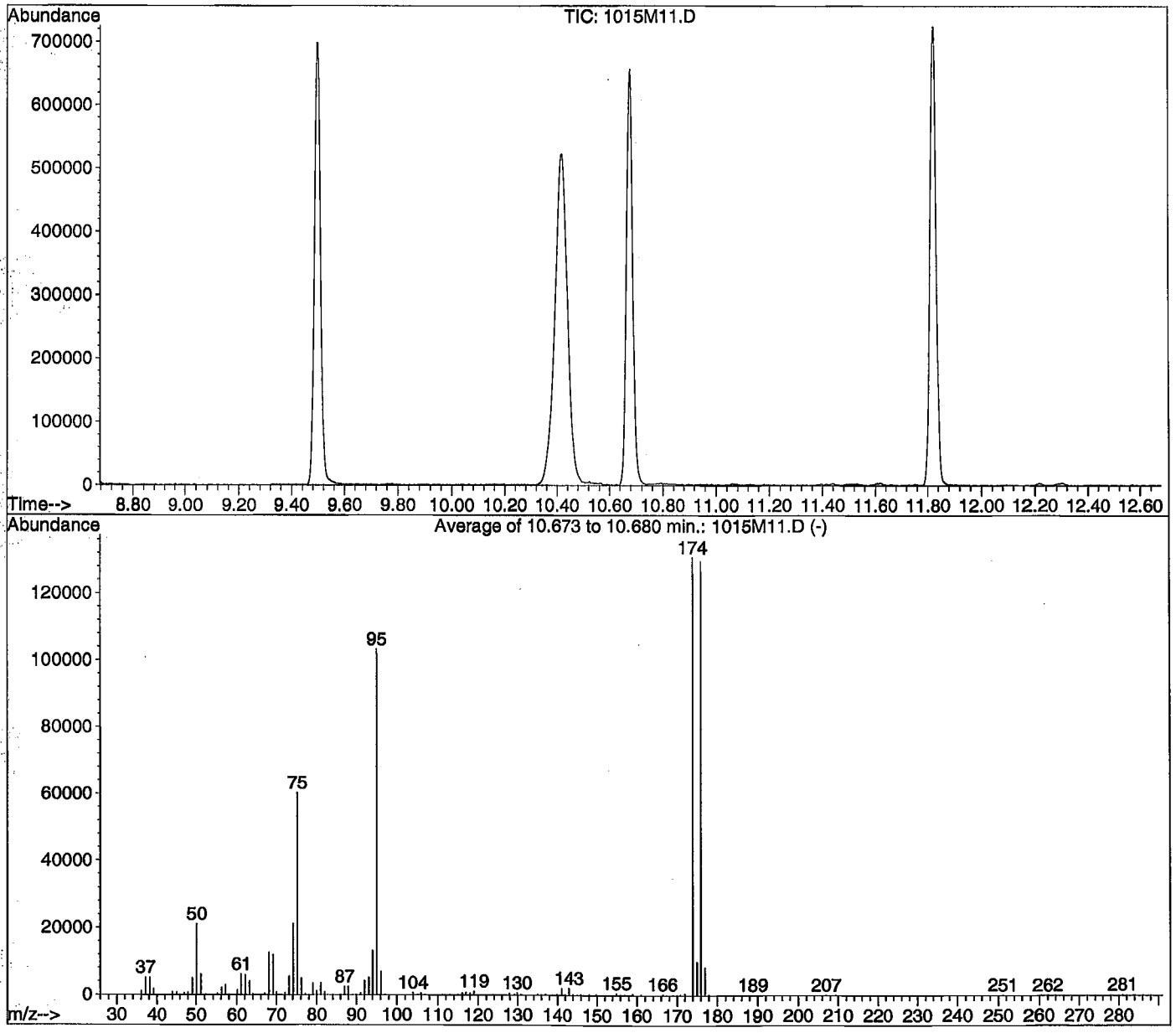
1016M01.D M1015W.M Tue Nov 23 13:07:07 2021

BFB

Data File : M:\MAX\DATA\211015\1015M11.D
Acq On : 15 Oct 21 14:44
Sample : 25ug/L BFB STD 9/23/21
Misc : IS&S 8/4/21

Vial: 1
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B



Spectrum Information: Average of 10.673 to 10.680 min.

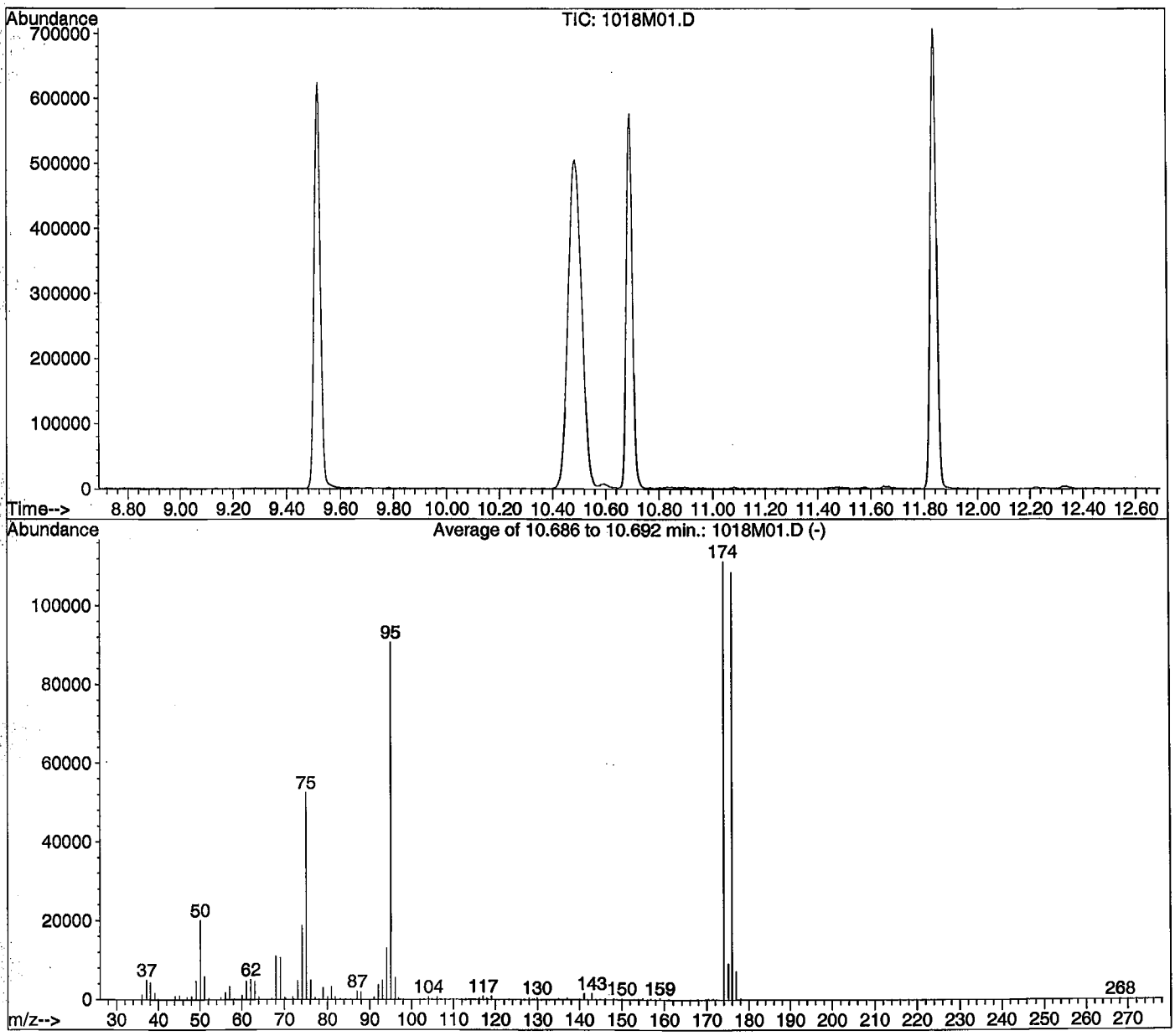
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.4	21096	PASS
75	95	30	60	58.4	60299	PASS
95	95	100	200	100.0	103195	PASS
96	95	5	9	6.7	6920	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	200	126.6	130632	PASS
175	174	5	9	7.7	10037	PASS
176	174	95	101	99.1	129467	PASS
177	176	5	9	6.5	8355	PASS

1015M11.D M1015W.M Tue Nov 23 12:56:37 2021

Data File : M:\MAX\DATA\211015\1018M01.D
Acq On : 18 Oct 21 14:18
Sample : 25ug/L BFB STD 9/23/21
Misc : IS&S 8/4/21

Vial: 1
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B



Spectrum Information: Average of 10.686 to 10.692 min.

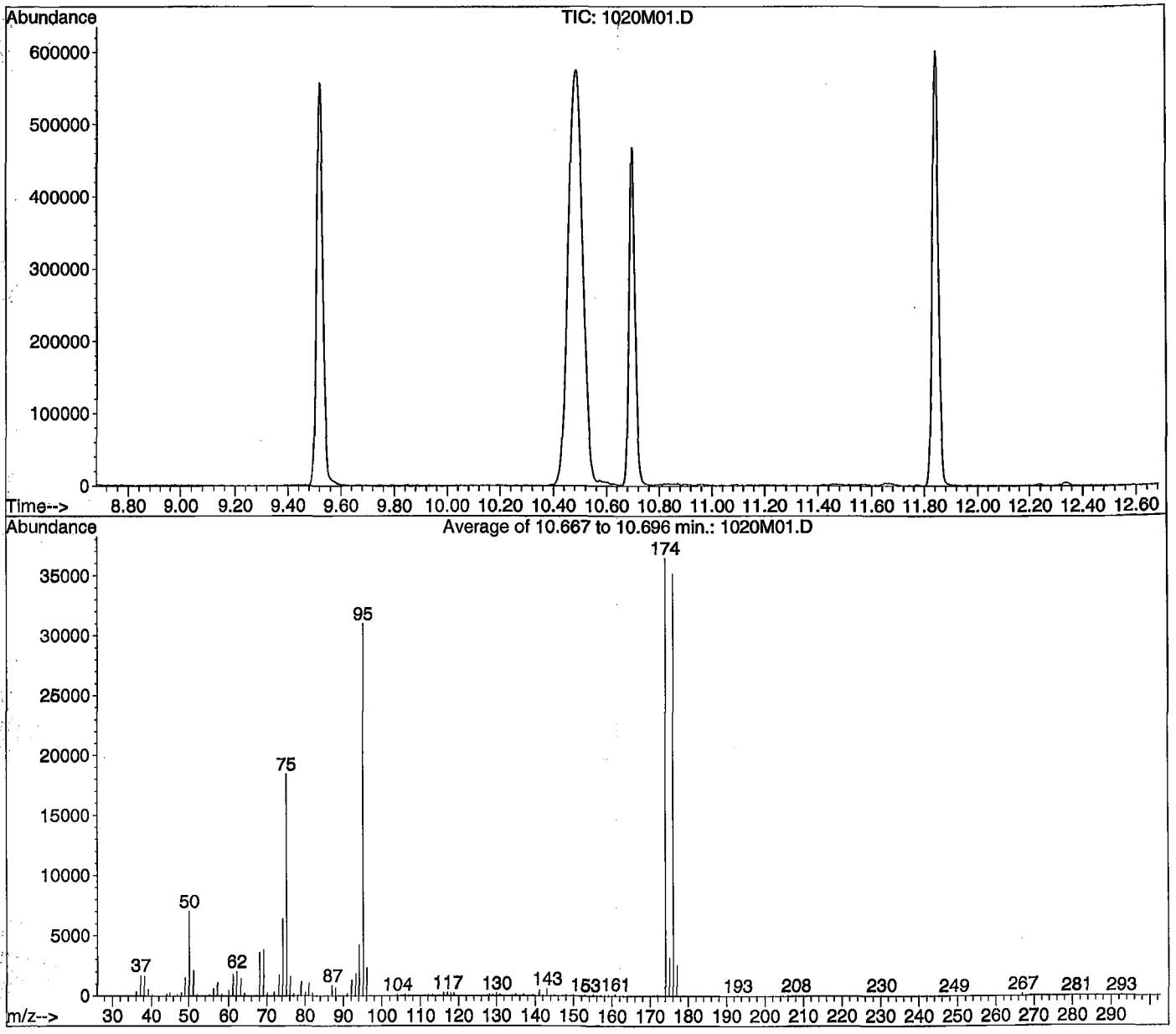
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.2	20091	PASS
75	95	30	60	57.8	52429	PASS
95	95	100	200	100.0	90656	PASS
96	95	5	9	6.1	5518	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	200	122.7	111213	PASS
175	174	5	9	8.2	9094	PASS
176	174	95	101	97.5	108437	PASS
177	176	5	9	6.6	7142	PASS

1018M01.D M1015W.M Tue Nov 23 12:58:14 2021

Data File : M:\MAX\DATA\211015\1020M01.D
Acq On : 20 Oct 21 11:23
Sample : 25ug/L BFB STD 9/23/21
Misc : IS&S 8/4/21

Vial: 1
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B



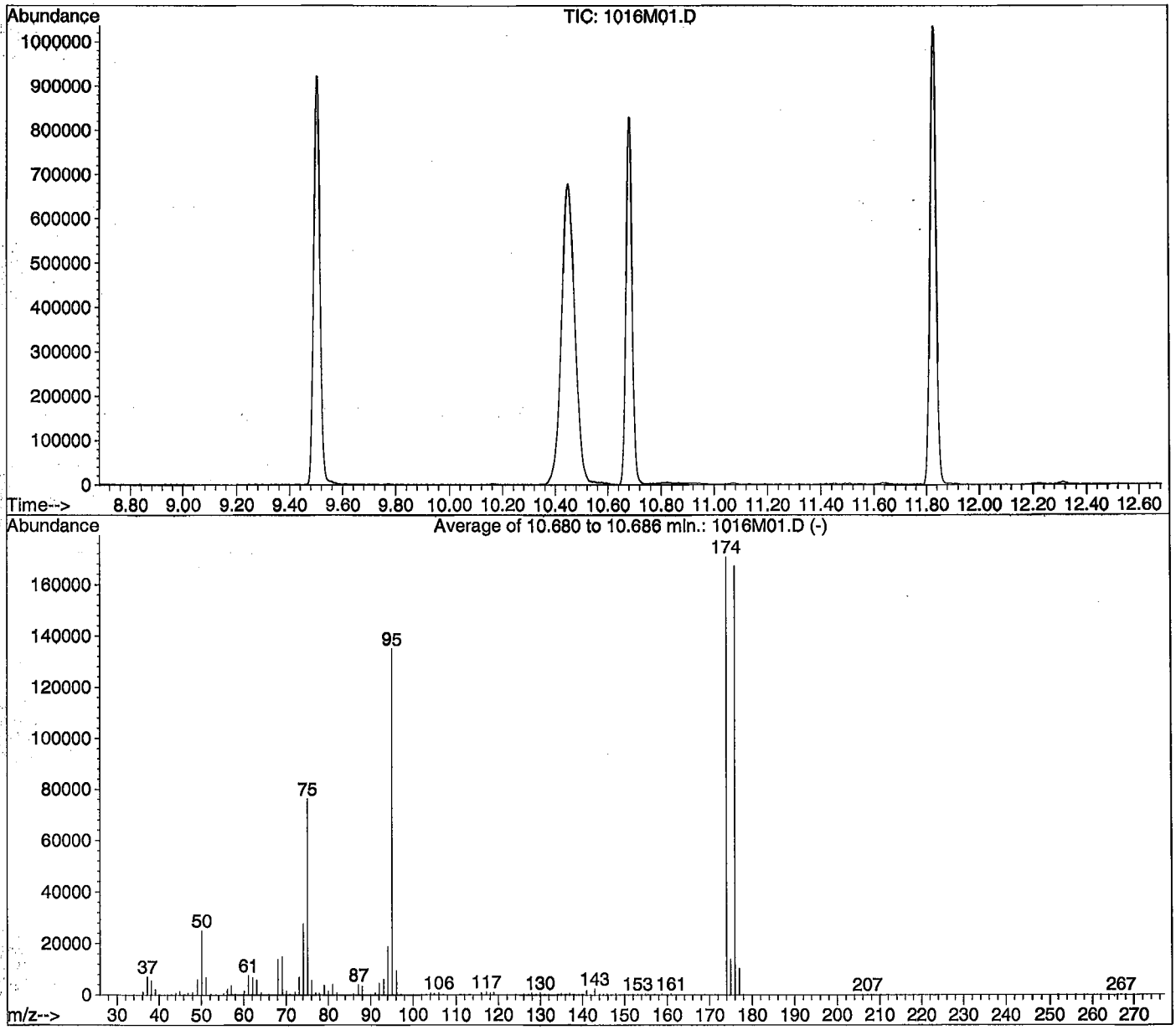
Spectrum Information: Average of 10.667 to 10.696 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.6	6994	PASS
75	95	30	60	59.4	18402	PASS
95	95	100	200	100.0	30973	PASS
96	95	5	9	7.5	2319	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	200	117.6	36418	PASS
175	174	5	9	8.6	3136	PASS
176	174	95	101	96.4	35124	PASS
177	176	5	9	7.2	2529	PASS

Data File : M:\MAX\DATA\211015\1016M01.D
Acq On : 16 Oct 21 13:27
Sample : 25ug/L BFB STD 9/23/21
Misc : IS&S 8/4/21

Vial: 1
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B



Spectrum Information: Average of 10.680 to 10.686 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.4	24840	PASS
75	95	30	60	56.5	76152	PASS
95	95	100	200	100.0	134763	PASS
96	95	5	9	6.9	9254	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	200	126.6	170560	PASS
175	174	5	9	8.1	13899	PASS
176	174	95	101	98.0	167125	PASS
177	176	5	9	6.2	10331	PASS

1016M01.D M0825SUR.M Wed Nov 24 11:49:49 2021

MAX 8260 Standard Prep

MAX 8260 Water Calibration Curve

0.3ug/L

Prepared: 9/15/2021

Expires: 11/3/2021

Prepared By (initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 9	Various	0.3ug/L	5	Prepared 10/13/21	12/12/2021	N/A	3uL	50mL	P&T Water	0.3
VOA STD. 1	Absolute		50	Prepared 10/13/21	12/12/2021	N/A	5uL			5
VOA STD. 2	Phenova		100	Prepared 10/13/21	12/12/2021	N/A	2.5uL			5
VOA STD. TBA	Various		250	Prepared 10/13/21	11/3/2021	N/A	2uL			10

0.5ug/L

Prepared: 9/15/2021

Expires: 11/3/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 9	Various	0.5ug/L	5	Prepared 10/13/21	12/12/2021	N/A	5uL	50mL	P&T Water	0.5
VOA STD. 1	Absolute		50	Prepared 10/13/21	12/12/2021	N/A	10uL			10
VOA STD. 2	Phenova		100	Prepared 10/13/21	12/12/2021	N/A	5uL			10
VOA STD. TBA	Various		250	Prepared 10/13/21	11/3/2021	N/A	5uL			25

1.0ug/L

Prepared: 9/15/2021

Expires: 11/3/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 9	Various	1.0ug/L	5	Prepared 10/13/21	12/12/2021	N/A	10uL	50mL	P&T Water	1
VOA STD. 1	Absolute		50	Prepared 10/13/21	12/12/2021	N/A	20uL			20
VOA STD. 2	Phenova		100	Prepared 10/13/21	12/12/2021	N/A	10uL			20
VOA STD. TBA	Various		250	Prepared 10/13/21	11/3/2021	N/A	10uL			50

2.0ug/L

Prepared: 9/15/2021

Expires: 11/3/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 9	Various	2.0ug/L	5	Prepared 10/13/21	12/12/2021	N/A	20uL	50mL	P&T Water	2
VOA STD. 1	Absolute		50	Prepared 10/13/21	12/12/2021	N/A	30uL			30
VOA STD. 2	Phenova		100	Prepared 10/13/21	12/12/2021	N/A	15uL			30
VOA STD. TBA	Various		250	Prepared 10/13/21	11/3/2021	N/A	15uL			75

5ug/L

Prepared: 9/15/2021

Expires: 11/3/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 7	Various	5ug/L	50	Prepared 10/13/21	12/12/2021	N/A	5uL	50mL	P&T Water	5
VOA STD. 8	Phenova		50	Prepared 10/13/21	11/3/2021	N/A	5uL			5
VOA STD. 1	Absolute		50	Prepared 10/13/21	12/12/2021	N/A	40uL			40
VOA STD. 2	Phenova		100	Prepared 10/13/21	12/12/2021	N/A	20uL			20
VOA STD. TBA	Various		250	Prepared 10/13/21	11/3/2021	N/A	20uL			100

10ug/L

Prepared: 9/15/2021

Expires: 11/3/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 7	Various	10ug/L	50	Prepared 10/13/21	12/12/2021	N/A	10uL	50mL	P&T Water	10
VOA STD. 8	Phenova		50	Prepared 10/13/21	11/3/2021	N/A	10uL			10
VOA STD. 1	Absolute		50	Prepared 10/13/21	12/12/2021	N/A	50uL			50
VOA STD. 2	Phenova		100	Prepared 10/13/21	12/12/2021	N/A	25uL			50
VOA STD. TBA	Various		250	Prepared 10/13/21	11/3/2021	N/A	25uL			125

20ug/L

Prepared: 9/15/2021

Expires: 11/3/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 7	Various	20ug/L	50	Prepared 10/13/21	12/12/2021	N/A	20uL	50mL	P&T Water	20
VOA STD. 8	Phenova		50	Prepared 10/13/21	11/3/2021	N/A	20uL			20
VOA STD. 1	Absolute		50	Prepared 10/13/21	12/12/2021	N/A	60uL			60
VOA STD. 2	Phenova		100	Prepared 10/13/21	12/12/2021	N/A	30uL			60
VOA STD. TBA	Various		250	Prepared 10/13/21	11/3/2021	N/A	30uL			150

40ug/L

Prepared: 9/15/2021

Expires: 11/3/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 7	Various	40ug/L	50	Prepared 10/13/21	12/12/2021	N/A	40uL	50mL	P&T Water	40
VOA STD. 8	Phenova		50	Prepared 10/13/21	11/3/2021	N/A	40uL			40
VOA STD. 1	Absolute		50	Prepared 10/13/21	12/12/2021	N/A	80uL			80
VOA STD. 2	Phenova		100	Prepared 10/13/21	12/12/2021	N/A	40uL			80
VOA STD. TBA	Various		250	Prepared 10/13/21	11/3/2021	N/A	35uL			175

100ug/L

Prepared: 9/15/2021

Expires: 11/3/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 7	Various	100ug/L	50	Prepared 10/13/21	12/12/2021	N/A	100uL	50mL	P&T Water	100
VOA STD. 8	Phenova		50	Prepared 10/13/21	11/3/2021	N/A	100uL			100
VOA STD. 1	Absolute		50	Prepared 10/13/21	12/12/2021	N/A	100uL			100
VOA STD. 2	Phenova		100	Prepared 10/13/21	12/12/2021	N/A	50uL			100
VOA STD. TBA	Various		250	Prepared 10/13/21	11/3/2021	N/A	40uL			200

MAX 8260 Water Second Source (SS)

Prepared: 9/15/2021

Prepared By (Initials): CH

Expires: 11/3/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 3	Phenova	8260 Water SS	100	Prepared 10/13/21	12/12/2021	N/A	25uL	50mL	P&T Water	50
VOA STD. GASES	Phenova	8260 Water SS	50	Prepared 10/13/21	12/12/2021	N/A	10uL			10
VOA STD. 0	Phenova	8260 Water SS	50	Prepared 10/13/21	12/12/2021	N/A	10uL			10
VOA STD. 2-CEVE	Absolute	8260 Water SS	50	Prepared 10/13/21	10/13/2021	N/A	50uL			50
VOA STD. 6	Various	8260 Water SS	50	Prepared 10/13/21	11/3/2021	N/A	10uL			10
Voa STD. TBA	Various	8260 Water SS	250	Prepared 10/13/21	11/3/2021	N/A	25uL			250

8260 Water Continuing Calibrations (CCV)/ Lab Control Spikes (LCS)

Prepared: 9/15/2021

Prepared By (Initials): CH

Expires: 9/16/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 7	Various	CCV/ LCS	50	Prepared 10/13/21	12/12/2021	N/A	10uL	50mL	P&T Water	10
VOA STD. 8	Phenova	CCV/ LCS	50	Prepared 10/13/21	11/3/2021	N/A	10uL			10
VOA STD. 1	Absolute	CCV/ LCS	50	Prepared 10/13/21	12/12/2021	N/A	50uL			50
VOA STD. 2	Phenova	CCV/ LCS	100	Prepared 10/13/21	12/12/2021	N/A	25uL			50
VOA STD. TBA	Various	CCV/ LCS	250	Prepared 10/13/21	11/3/2021	N/A	25uL			250

Primary and Secondary Working Standards

Primary Standards

VOA STD 7

Prepared: 10/13/2021 A
Expires: 12/12/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA Gasses STD	Phenova	ALO-101206	2,000	CL15769-52929	10/13/2022	9/30/2025	100uL	4mL	Methanol	50
Hexachloroethane	Absolute	70199	1,000	021621-52914	10/13/2022	2/16/2026	200uL			50
Benzyl Chloride	Absolute	70037	1,000	082521-52909	10/13/2022	8/25/2022	200uL			50

VOA STD 8

Prepared: 10/13/2021 B
Expires: 11/3/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA Additions STD	Phenova	ALO-130175	2,000	CL14058-52745	10/13/2022	8/31/2022	100uL	4mL	Methanol	50
502.2 Cal. Std.	Phenova	ALO-101200	2,000	CL16071-52949	10/13/2022	11/30/2025	100uL			50
Vinyl Acetate	Phenova	ALO-101228	2,000	CL17456-53029	10/13/2022	11/3/2021	100uL			50

VOA STD TBA

Prepared: 10/13/2021 C
Expires: 11/3/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Custom VOC Mix	Phenova	ALO-130176	2,000	CL15725-52956	10/13/2022	9/30/2023	500uL	4mL	Methanol	250
Acrolein	Phenova	ALO-130549	10,000	CL17455-53031	10/13/2022	11/3/2021	100uL			250

VOA STD 1

Prepared: 10/13/2021 D
Expires: 12/12/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
2-CEVE	Absolute	82408	2,000	052521-52807	9/21/2022	5/25/2024	50	2mL	Methanol	50

VOA STD 2

Prepared: 10/13/2021 E
Expires: 12/12/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Ketones Std.	Phenova	ALO-109211	2,000	CL16067-52968	10/13/2022	11/30/2030	200	4mL	Methanol	100

VOA STD 9

Prepared: 10/13/2021 F
Expires: 12/12/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA STD. 7		VOA STD. 9	50	Prepared 10/13/21	10/13/2022	N/A	200uL	2mL	Methanol	5
VOA STD. 8			50	Prepared 10/13/21	10/13/2022	N/A	200uL			5

VOA STD. 10

Prepared: 10/13/2021 G
Expires: 12/12/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA STD. 1		VOA STD. 10	50	Prepared 10/13/21	10/13/2022	N/A	200uL	2mL	Methanol	5

VOA STD. 12

Prepared: 10/13/2021 H
Expires: 12/12/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA STD. 2		VOA STD. 12	50	Prepared 10/13/21	10/13/2022	N/A	200uL	2mL	Methanol	5

Second Source (SS) Standards

VOA STD. 3

Prepared: 10/13/2021 I
Expires: 12/12/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Ketones Standard	Phenova	ALO-101211	2,000	CL16074-52969	10/13/2022	11/30/2030	100uL	2mL	Methanol	100

VOA STD. Gases

Prepared: 10/13/2021 J
Expires: 12/12/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
8260 Gases (SS)	Phenova	ALO-101206	2,000	CL15768-52936	10/13/2022	9/30/2025	50uL	2mL	Methanol	50

VOA STD. 6

Prepared: 10/13/2021 K
Expires: 11/3/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
502.2 Calibration STD. (54-compounds)	Phenova	ALO-101200	2,000	CL16052-52944	10/13/2022	11/30/2025	50uL	2mL	Methanol	50
Vinyl Acetate	Phenova	ALO-101228	2,000	CL17456-53028	10/13/2022	11/3/2021	50uL			50
Hexachloroethane	Accustand	AS-E0011	1,000	219061767-52923	10/13/2022	6/28/2029	100uL			50
Benzyl Chloride	Accustand	M-8010-01	200	219111303-01-52928	10/13/2022	1/30/2023	500uL			50

VOA STD. TBA

Prepared: 10/13/2021 L
Expires: 11/3/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Custom VOA Mix (4-3)	Phenova	ALO-130176	2,000	CL16012-52960	10/13/2022	11/30/2023	250uL	2mL	Methanol	250
Acrolein	Phenova	ALO-101224	10,000	CL17455-53030	10/13/2022	11/3/2021	50uL			250

VOA STD. 0

Prepared: 10/13/2021 M
Expires: 12/12/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA Addition STD.	Phenova	ALO-130175	2,000	CL17040-53050	10/13/2022	7/31/2024	50uL	2mL	Methanol	50

VOA STD. 2-CEVE

Prepared: 10/13/2021 N
Expires: 12/12/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
2-CEVE (SS)	Absolute	82408	2,000	011320-52808	9/21/2022	1/13/2023	50uL	2mL	Methanol	50

Injection Log

Directory: M:\MAX\DATA\211015\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	1015M11.D	1	25ug/L BFB STD 9/23/21	IS&S 8/4/21	15 Oct 21 14:44
2	2	1015M12.D	1	0.3ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 15:12
3	3	1015M13.D	1	0.5ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 15:41
4	4	1015M14.D	1	1ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 16:09
5	5	1015M15.D	1	2ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 16:38
6	6	1015M16.D	1	5ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 17:06
7	7	1015M17.D	1	10ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 17:35
8	8	1015M18.D	1	20ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 18:03
9	9	1015M19.D	1	40ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 18:31
10	10	1015M20.D	1	100ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 19:00
11	12	1015M22.D	1	(SS) 10ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 19:57
12	2	1016M02.D	1	211016A CCV 10ug/L	IS&S 8/4/21	16 Oct 21 13:55
13	3	1016M03.D	1	211016A LCS 10ug/L	IS&S 8/4/21	16 Oct 21 14:23
14	4	1016M04.D	1	211016A LCSD 10ug/L	IS&S 8/4/21	16 Oct 21 14:52
15	8	1016M08.D	1	211016A BLK	IS&S 8/4/21	16 Oct 21 16:46
1	23	1016M23.D	1	BA42511W01	IS&S 8/4/21	16 Oct 21 23:51
2	24	1016M24.D	1	BA42512W01	IS&S 8/4/21	17 Oct 21 00:20
19	1	1016M37.D	1	Ending CCV 10ug/L 10/16/21	IS&S 8/4/21	18 Oct 21 12:57
20	1	1018M01.D	1	25ug/L BFB STD 9/23/21	IS&S 8/4/21	18 Oct 21 14:18
21	2	1018M02.D	1	211018A CCV 10ug/L	IS&S 8/4/21	18 Oct 21 14:46
22	3	1018M03.D	1	211018A LCS 10ug/L	IS&S 8/4/21	18 Oct 21 15:15
23	4	1018M04.D	1	211018A LCSD 10ug/L	IS&S 8/4/21	18 Oct 21 15:43
24	8	1018M08.D	1	211018A BLK	IS&S 8/4/21	18 Oct 21 17:36
25	9	1018M09.D	1	BA42514W01	IS&S 8/4/21	18 Oct 21 18:05
26	10	1018M10.D	1	BA42515W01	IS&S 8/4/21	18 Oct 21 18:33
27	11	1018M11.D	1	BA42516W01	IS&S 8/4/21	18 Oct 21 19:02
28	12	1018M12.D	1	BA42517W01	IS&S 8/4/21	18 Oct 21 19:30
29	13	1018M13.D	1	BA42518W01	IS&S 8/4/21	18 Oct 21 19:59
30	27	1018M27.D	1	Ending CCV 10ug/L 10/18/21	IS&S 8/4/21	19 Oct 21 2:35
31	1	1020M01.D	1	25ug/L BFB STD 9/23/21	IS&S 8/4/21	20 Oct 21 11:23
1	3	1020M03.D	1	211020A CCV/LCS 10ug/L	IS&S 8/4/21	20 Oct 21 12:20
33	4	1020M04.D	1	211020A LCSD 10ug/L	IS&S 8/4/21	20 Oct 21 12:48
35	14	1020M14.D	1	211020A BLK	IS&S 8/4/21	20 Oct 21 17:32
36	15	1020M15.D	1	BA42513W02	IS&S 8/4/21	20 Oct 21 18:00
37	26	1020M26.D	48.4027	Ending CCV 10ug/L 10/20/21	IS&S 8/4/21	20 Oct 21 23:13

Injection Log

Directory: M:\MAX\DATA\210825\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	2	0825M12.D	1	0.3ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 15:15
2	3	0825M13.D	1	0.5ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 15:43
3	4	0825M14.D	1	1ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 16:11
4	5	0825M15.D	1	2ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 16:39
5	6	0825M16.D	1	5ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 17:07
6	7	0825M17.D	1	10ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 17:35
7	8	0825M18.D	1	20ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 18:03
8	9	0825M19.D	1	40ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 18:31
9	10	0825M20.D	1	100ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 18:59
10	13	0825M23.D	1	20ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 20:23
11	14	0825M24.D	1	50ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 20:51
12	15	0825M25.D	1	100ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 21:19
13	16	0825M26.D	1	300ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 21:47
14	17	0825M27.D	1	600ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 22:14
15	18	0825M28.D	1	800ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 22:42
16	19	0825M29.D	1	1000ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 23:10
17	21	0825M31.D	1	(SS) 300ug/L GAS STD 8/25/21	IS&S 6/4/21	26 Aug 21 00:06
1	5	1016M05.D	1	211016A CCV 300ug/L	IS&S 8/4/21	16 Oct 21 15:20
2	6	1016M06.D	1	211016A LCS 300ug/L	IS&S 8/4/21	16 Oct 21 15:49
3	7	1016M07.D	1	211016A LCSD 300ug/L	IS&S 8/4/21	16 Oct 21 16:17
4	8	1016M08.D	1	211016A BLK	IS&S 8/4/21	16 Oct 21 16:46
5	23	1016M23.D	1	BA42511W01	IS&S 8/4/21	16 Oct 21 23:51
6	24	1016M24.D	1	BA42512W01	IS&S 8/4/21	17 Oct 21 00:20
7	5	1018M05.D	1	211018A CCV 300ug/L	IS&S 8/4/21	18 Oct 21 16:11
8	6	1018M06.D	1	211018A LCS 300ug/L	IS&S 8/4/21	18 Oct 21 16:40
9	7	1018M07.D	1	211018A LCSD 300ug/L	IS&S 8/4/21	18 Oct 21 17:08
10	8	1018M08.D	1	211018A BLK	IS&S 8/4/21	18 Oct 21 17:36
11	9	1018M09.D	1	BA42514W01	IS&S 8/4/21	18 Oct 21 18:05
12	10	1018M10.D	1	BA42515W01	IS&S 8/4/21	18 Oct 21 18:33
13	11	1018M11.D	1	BA42516W01	IS&S 8/4/21	18 Oct 21 19:02
14	12	1018M12.D	1	BA42517W01	IS&S 8/4/21	18 Oct 21 19:30
15	13	1018M13.D	1	BA42518W01	IS&S 8/4/21	18 Oct 21 19:59
16	28	1018M28.D	1	Ending CCV 300ug/L 10/18/21	IS&S 8/4/21	19 Oct 21 3:03
17	9	1020M09.D	1	211020A CCV 300ug/L	IS&S 8/4/21	20 Oct 21 15:10
18	10	1020M10.D	50	211020A LCS 300ug/L MeOH	IS&S 8/4/21	20 Oct 21 15:38
19	11	1020M11.D	50	211020A LCSD 300ug/L MeOH	IS&S 8/4/21	20 Oct 21 16:07
20	14	1020M14.D	1	211020A BLK	IS&S 8/4/21	20 Oct 21 17:32
21	15	1020M15.D	1	BA42513W02	IS&S 8/4/21	20 Oct 21 18:00
22	27	1020M27.D	1	Ending CCV 300ug/L 10/20/21	IS&S 8/4/21	20 Oct 21 23:41

ORGANICS
Calibration Data

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 6
Initial Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Initial Cal. Date: 8/25/2021
Matrix: Instrument: Max Initials:

			0825M12.D	0825M13.D	0825M14.D	0825M15.D	0825M16.D	0825M17.D	0825M18.D	0825M19.D	0825M20.D							
		Compound	1	2	3	4	5	6	7	8	9		Avg	%RSD	Type	r^2	Q	MRF
1	I	Fluorobenzene (IS)																
2	S	Dibromofluoromethane(S)	0.3523	0.3417	0.2807	0.2859	0.2870	0.2956	0.2984	0.3009	0.2709		0.30	9.1	S			
3	S	1,2-DCA-D4(S)	0.2194	0.2154	0.1883	0.1930	0.1953	0.1908	0.1985	0.2034	0.1791		0.20	6.5	S			
4	I	Chlorobenzene-D5 (IS)																
5	S	Toluene-D8(S)	1.390	1.326	1.153	1.099	1.153	1.163	1.121	1.122	1.024		1.2	9.8	S			
6	S	4-Bromofluorobenzene(S)	0.5362	0.5171	0.4075	0.4294	0.4615	0.4643	0.4388	0.4514	0.4103		0.46	9.7	S			
7	I	1,4-Dichlorobenzene-D (IS)																
8																		
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Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M12.D Vial: 2
Acq On : 25 Aug 21 15:15 Operator: LP,DG,CH
Sample : 0.3ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 15:25 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.21	96	268418	25.00	ppb	0.00
4) Chlorobenzene-D5 (IS)	9.41	117	221472	25.00	ppb	0.00
7) 1,4-Dichlorobenzene-D (IS)	11.75	152	137587	25.00	ppb	0.00
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.41	111	18913	5.84	ppb	0.00
Spiked Amount 25.000			Recovery =	23.372%		
3) 1,2-DCA-D4(S)	5.81	65	11779	5.54	ppb	0.00
Spiked Amount 25.000			Recovery =	22.148%		
5) Toluene-D8(S)	7.95	98	61590	5.93	ppb	0.00
Spiked Amount 25.000			Recovery =	23.720%		
6) 4-Bromofluorobenzene(S)	10.60	95	23749	5.86	ppb	0.00
Spiked Amount 25.000			Recovery =	23.444%		

Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M13.D Vial: 3
Acq On : 25 Aug 21 15:43 Operator: LP,DG,CH
Sample : 0.5ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 15:25 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.21	96	270425	25.00	ppb	0.00
4) Chlorobenzene-D5 (IS)	9.41	117	226950	25.00	ppb	0.00
7) 1,4-Dichlorobenzene-D (IS)	11.75	152	138629	25.00	ppb	0.00
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.42	111	18480	5.67	ppb	0.00
Spiked Amount 25.000			Recovery = 22.664%			
3) 1,2-DCA-D4(S)	5.81	65	11650	5.44	ppb	0.00
Spiked Amount 25.000			Recovery = 21.744%			
5) Toluene-D8(S)	7.95	98	60175	5.65	ppb	0.00
Spiked Amount 25.000			Recovery = 22.616%			
6) 4-Bromofluorobenzene(S)	10.60	95	23472	5.65	ppb	0.00
Spiked Amount 25.000			Recovery = 22.612%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M14.D Vial: 4
Acq On : 25 Aug 21 16:11 Operator: LP,DG,CH
Sample : 1ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 15:25 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.22	96	261019	25.00 ppb	0.00
4) Chlorobenzene-D5 (IS)	9.41	117	222702	25.00 ppb	0.00
7) 1,4-Dichlorobenzene-D (IS)	11.75	152	137225	25.00 ppb	0.00
System Monitoring Compounds					
2) Dibromofluoromethane(S)	5.41	111	29305	9.31 ppb	0.00
Spiked Amount 25.000			Recovery =	37.236%	
3) 1,2-DCA-D4(S)	5.81	65	19664	9.51 ppb	0.00
Spiked Amount 25.000			Recovery =	38.024%	
5) Toluene-D8(S)	7.95	98	102711	9.84 ppb	0.00
Spiked Amount 25.000			Recovery =	39.340%	
6) 4-Bromofluorobenzene(S)	10.60	95	36297	8.91 ppb	0.00
Spiked Amount 25.000			Recovery =	35.632%	

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M15.D Vial: 5
Acq On : 25 Aug 21 16:39 Operator: LP,DG,CH
Sample : 2ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 15:25 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.21	96	260699	25.00 ppb	0.00
4) Chlorobenzene-D5 (IS)	9.42	117	218570	25.00 ppb	0.00
7) 1,4-Dichlorobenzene-D (IS)	11.75	152	137104	25.00 ppb	0.00
System Monitoring Compounds					
2) Dibromofluoromethane(S)	5.41	111	29818	9.48 ppb	0.00
Spiked Amount 25.000			Recovery =	37.936%	
3) 1,2-DCA-D4(S)	5.82	65	20128	9.74 ppb	0.00
Spiked Amount 25.000			Recovery =	38.968%	
5) Toluene-D8(S)	7.95	98	96059	9.37 ppb	0.00
Spiked Amount 25.000			Recovery =	37.488%	
6) 4-Bromofluorobenzene(S)	10.60	95	37545	9.39 ppb	0.00
Spiked Amount 25.000			Recovery =	37.556%	
Target Compounds					Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M16.D Vial: 6
Acq On : 25 Aug 21 17:07 Operator: LP,DG,CH
Sample : 5ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 15:25 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.21	96	261599	25.00	ppb	0.00
4) Chlorobenzene-D5 (IS)	9.41	117	219379	25.00	ppb	0.00
7) 1,4-Dichlorobenzene-D (IS)	11.75	152	136215	25.00	ppb	0.00
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.41	111	75090	23.80	ppb	0.00
Spiked Amount 25.000			Recovery = 95.204%			
3) 1,2-DCA-D4(S)	5.81	65	51096	24.65	ppb	0.00
Spiked Amount 25.000			Recovery = 98.580%			
5) Toluene-D8(S)	7.95	98	252960	24.59	ppb	0.00
Spiked Amount 25.000			Recovery = 98.356%			
6) 4-Bromofluorobenzene(S)	10.60	95	101253	25.23	ppb	0.00
Spiked Amount 25.000			Recovery = 100.908%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M17.D Vial: 7
Acq On : 25 Aug 21 17:35 Operator: LP,DG,CH
Sample : 10ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 15:25 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.21	96	260876	25.00	ppb	0.00
4) Chlorobenzene-D5 (IS)	9.41	117	215380	25.00	ppb	0.00
7) 1,4-Dichlorobenzene-D (IS)	11.75	152	136295	25.00	ppb	0.00
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.42	111	77116	24.51	ppb	0.00
Spiked Amount 25.000			Recovery = 98.044%			
3) 1,2-DCA-D4(S)	5.82	65	49768	24.07	ppb	0.00
Spiked Amount 25.000			Recovery = 96.284%			
5) Toluene-D8(S)	7.95	98	250522	24.80	ppb	0.00
Spiked Amount 25.000			Recovery = 99.216%			
6) 4-Bromofluorobenzene(S)	10.60	95	100010	25.38	ppb	0.00
Spiked Amount 25.000			Recovery = 101.520%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M18.D Vial: 8
Acq On : 25 Aug 21 18:03 Operator: LP,DG,CH
Sample : 20ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 15:25 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.21	96	258006	25.00	ppb	0.00
4) Chlorobenzene-D5 (IS)	9.41	117	222674	25.00	ppb	0.00
7) 1,4-Dichlorobenzene-D (IS)	11.75	152	141752	25.00	ppb	0.00
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.42	111	153975	49.49	ppb	0.00
Spiked Amount 25.000			Recovery = 197.940%			
3) 1,2-DCA-D4(S)	5.81	65	102408	50.08	ppb	0.00
Spiked Amount 25.000			Recovery = 200.332%			
5) Toluene-D8(S)	7.95	98	499120	47.80	ppb	0.00
Spiked Amount 25.000			Recovery = 191.196%			
6) 4-Bromofluorobenzene(S)	10.60	95	195414	47.97	ppb	0.00
Spiked Amount 25.000			Recovery = 191.868%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M19.D Vial: 9
Acq On : 25 Aug 21 18:31 Operator: LP,DG,CH
Sample : 40ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 15:25 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.21	96	251853	25.00	ppb	0.00
4) Chlorobenzene-D5 (IS)	9.41	117	216925	25.00	ppb	0.00
7) 1,4-Dichlorobenzene-D (IS)	11.75	152	140689	25.00	ppb	0.00
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.41	111	151584	49.91	ppb	0.00
Spiked Amount 25.000			Recovery = 199.628%			
3) 1,2-DCA-D4(S)	5.81	65	102456	51.33	ppb	0.00
Spiked Amount 25.000			Recovery = 205.320%			
5) Toluene-D8(S)	7.95	98	486936	47.87	ppb	0.00
Spiked Amount 25.000			Recovery = 191.472%			
6) 4-Bromofluorobenzene(S)	10.60	95	195822	49.34	ppb	0.00
Spiked Amount 25.000			Recovery = 197.364%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M20.D Vial: 10
Acq On : 25 Aug 21 18:59 Operator: LP,DG,CH
Sample : 100ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 15:25 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.21	96	251268	25.00	ppb	0.00
4) Chlorobenzene-D5 (IS)	9.41	117	218191	25.00	ppb	0.00
7) 1,4-Dichlorobenzene-D (IS)	11.75	152	142788	25.00	ppb	0.00
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.42	111	272268	89.85	ppb	0.00
Spiked Amount 25.000			Recovery = 359.396%			
3) 1,2-DCA-D4(S)	5.81	65	179968	90.37	ppb	0.00
Spiked Amount 25.000			Recovery = 361.496%			
5) Toluene-D8(S)	7.95	98	893556	87.33	ppb	0.00
Spiked Amount 25.000			Recovery = 349.324%			
6) 4-Bromofluorobenzene(S)	10.60	95	358053	89.70	ppb	0.00
Spiked Amount 25.000			Recovery = 358.780%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

VOLATILE ORGANIC ANALYSIS
VOLATILE ORGANIC COMPOUNDS

Form 6
Initial Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Initial Cal. Date: 8/25/2021
Matrix: Instrument: Max Initials:

		Compound	1	2	3	4	5	6	7				Avg	%RSD	Type	r^2	Q	MRF
			0825M23.D	0825M24.D	0825M25.D	0825M26.D	0825M27.D	0825M28.D	0825M29.D									
1	I	Fluorobenzene (IS)																
2	TMHBL	Gasoline C6-C10	13.8	5.689	3.019	1.290	0.8206	0.7117	0.6349				3.7	130	TMHB	0.999		
3	TMHB	Chlorobenzene-D5 (IS)																
4	TMHB	1,4-Dichlorobenzene (IS)																
5																		
6																		
7																		
8																		
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35																		

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M23.D Vial: 13
Acq On : 25 Aug 21 20:23 Operator: LP,DG,CH
Sample : 20ug/L GAS STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Oct 29 14:41 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.21	TIC	284811	25.00	ppb	0.00
3) Chlorobenzene-D5 (IS)	11.75	TIC	236410m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	14670m	25.00	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	7.95	TIC	2520945m	-126.62	ppb	100

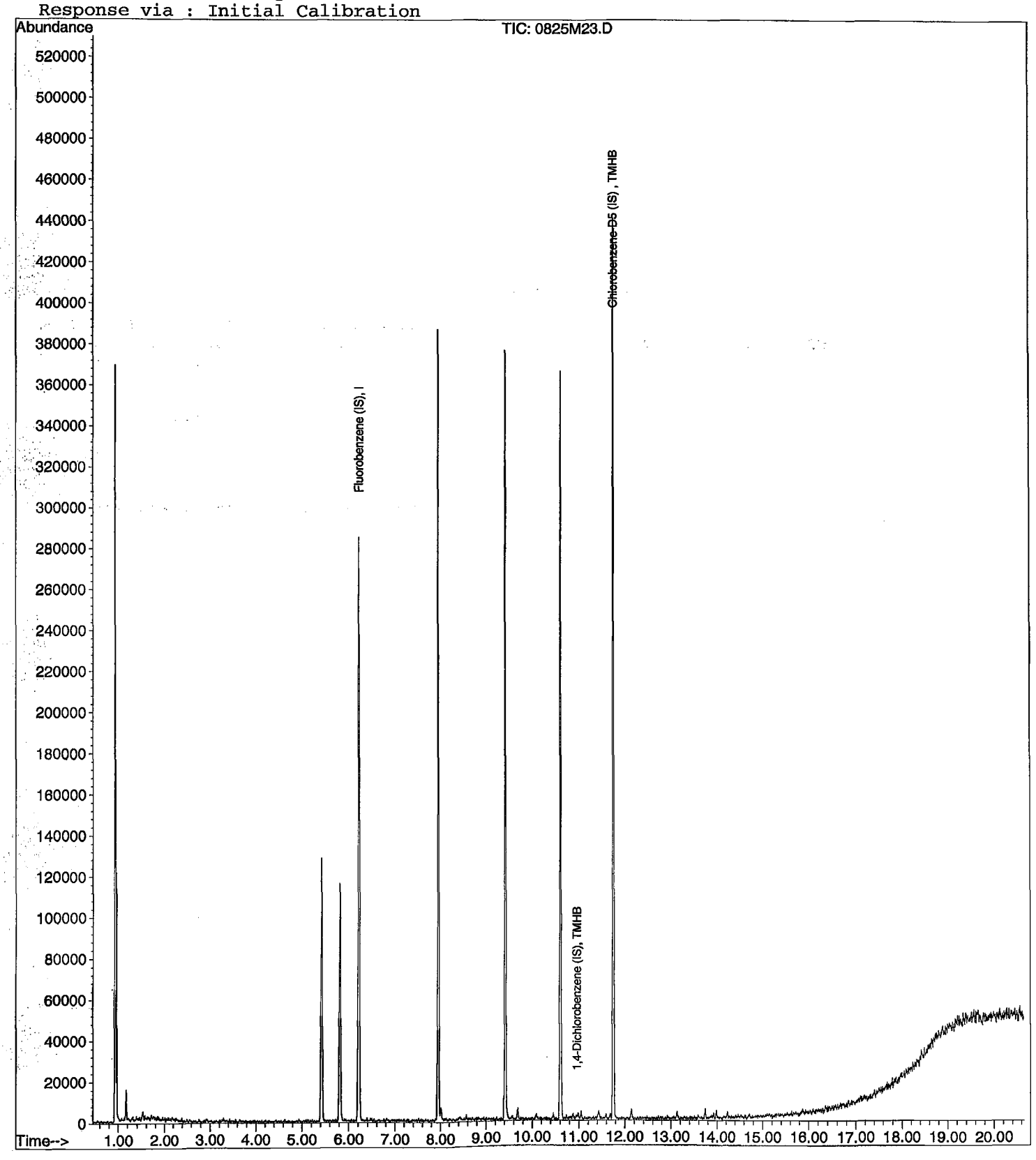
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\210825\0825M23.D Vial: 13
Acq On : 25 Aug 21 20:23 Operator: LP,DG,CH
Sample : 20ug/L GAS STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Oct 29 14:41 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M24.D Vial: 14
Acq On : 25 Aug 21 20:51 Operator: LP,DG,CH
Sample : 50ug/L GAS STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Oct 29 14:41 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.21	TIC	285081	25.00 ppb	0.00
3) Chlorobenzene-D5 (IS)	11.75	TIC	248593m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	21251m	25.00 ppb	0.00
System Monitoring Compounds					
Target Compounds					Qvalue
2) Gasoline C6-C10	7.95	TIC	2656639m	-95.17 ppb	100

(#) = qualifier out of range (m) = manual integration

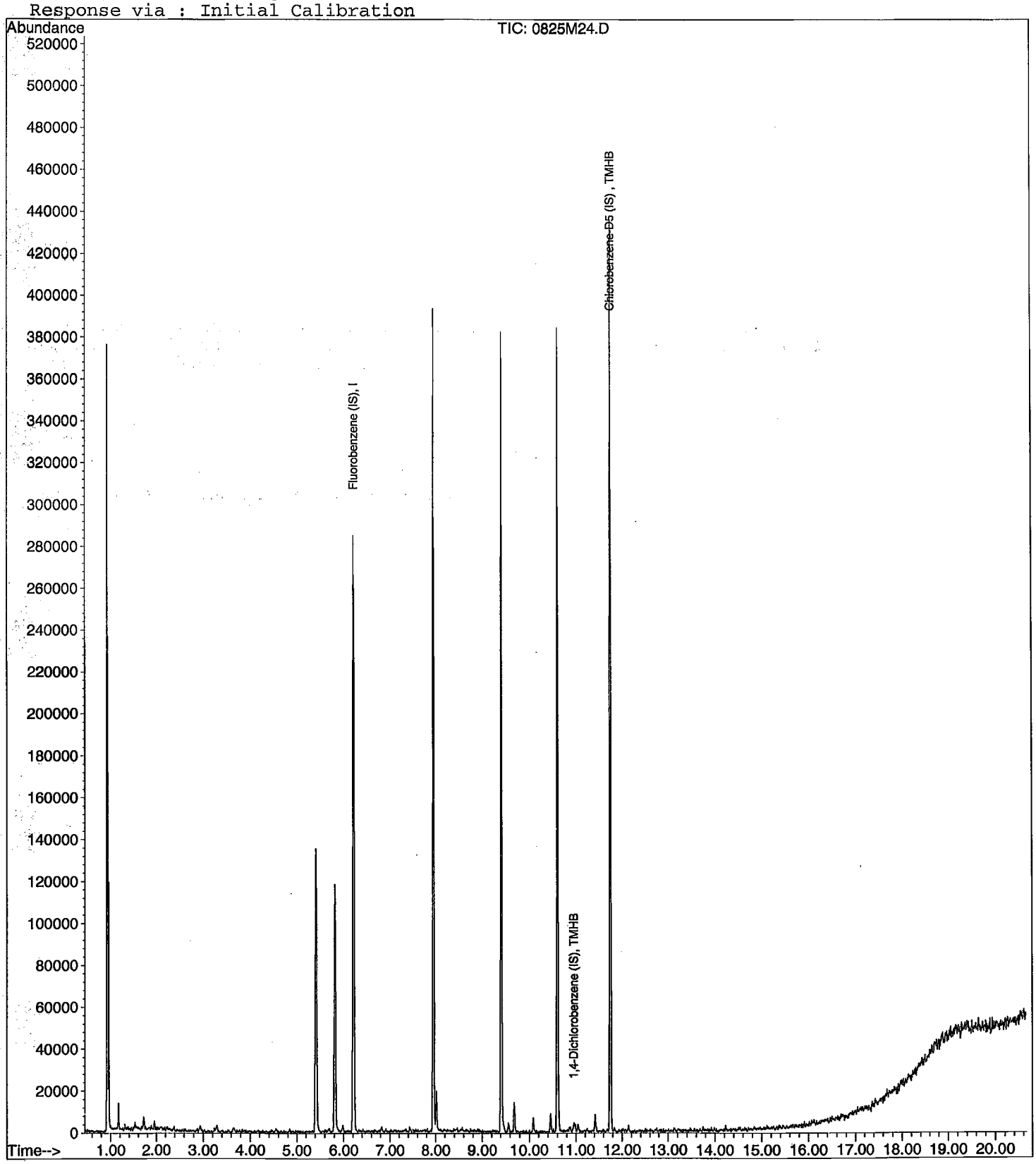
Quantitation Report

Data File : M:\MAX\DATA\210825\0825M24.D
Acq On : 25 Aug 21 20:51
Sample : 50ug/L GAS STD 8/25/21
Misc : IS&S 6/4/21

Vial: 14
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 29 14:41 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M25.D Vial: 15
Acq On : 25 Aug 21 21:19 Operator: LP,DG,CH
Sample : 100ug/L GAS STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Oct 29 14:41 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.21	TIC	286586	25.00 ppb	0.00
3) Chlorobenzene-D5 (IS)	11.75	TIC	245880m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	32801m	25.00 ppb	0.00
System Monitoring Compounds					
Target Compounds					Qvalue
2) Gasoline C6-C10	7.95	TIC	2860551m	-50.60 ppb	100

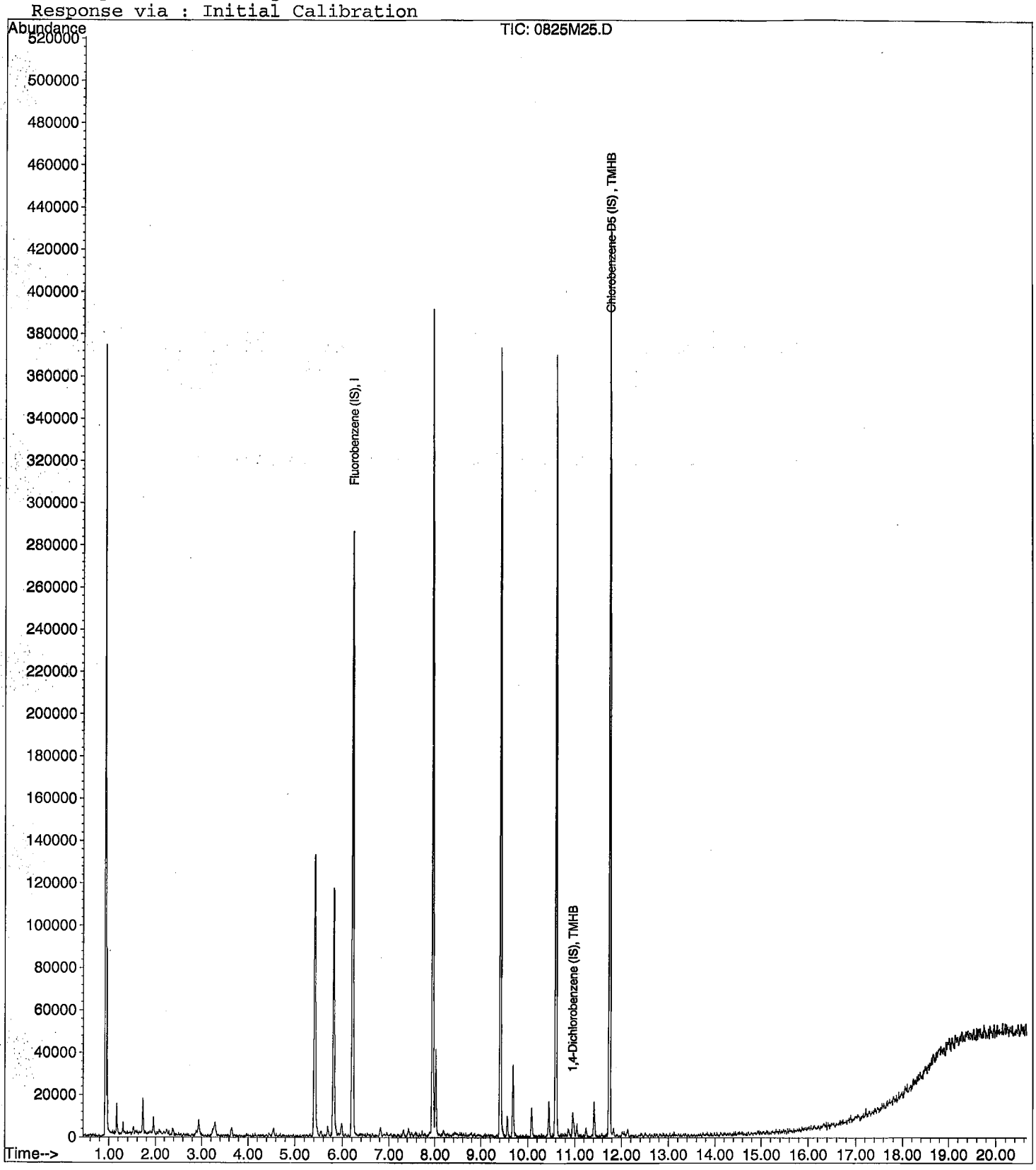
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\210825\0825M25.D Vial: 15
Acq On : 25 Aug 21 21:19 Operator: LP,DG,CH
Sample : 100ug/L GAS STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Oct 29 14:41 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M26.D Vial: 16
Acq On : 25 Aug 21 21:47 Operator: LP,DG,CH
Sample : 300ug/L GAS STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Oct 29 14:41 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.21	TIC	280163	25.00	ppb	0.00
3) Chlorobenzene-D5 (IS)	11.75	TIC	264646m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	87973m	25.00	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	7.95	TIC	3665952m	158.15	ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

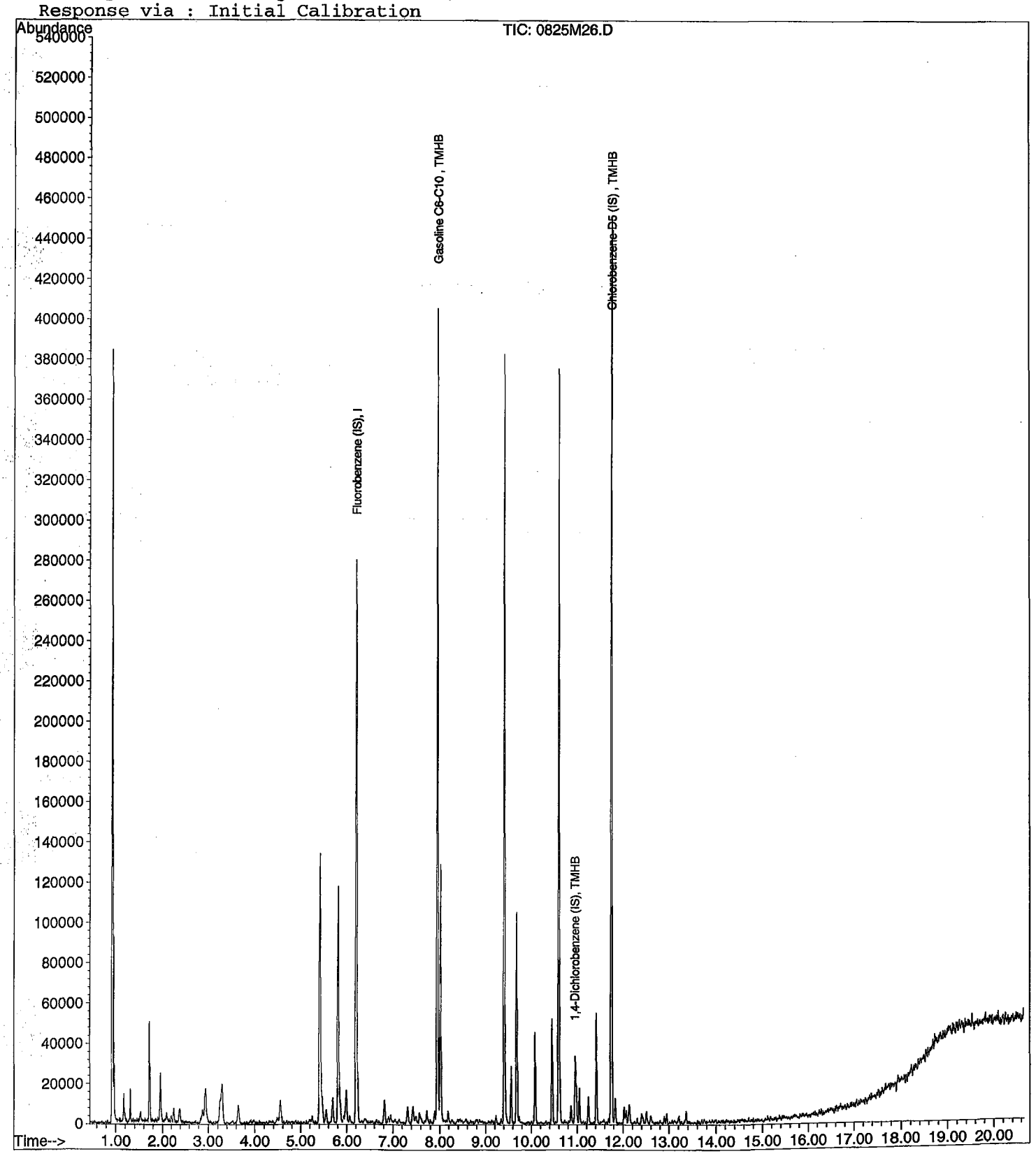
Data File : M:\MAX\DATA\210825\0825M26.D
Acq On : 25 Aug 21 21:47
Sample : 300ug/L GAS STD 8/25/21
Misc : IS&S 6/4/21

Vial: 16
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 29 14:41 2021

Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M27.D Vial: 17
Acq On : 25 Aug 21 22:14 Operator: LP,DG,CH
Sample : 600ug/L GAS STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Oct 29 14:41 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.21	TIC	283991	25.00 ppb	0.00
3) Chlorobenzene-D5 (IS)	11.75	TIC	290103m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	180429m	25.00 ppb	0.00
System Monitoring Compounds					
Target Compounds					Qvalue
2) Gasoline C6-C10	7.95	TIC	4916556m	442.49 ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

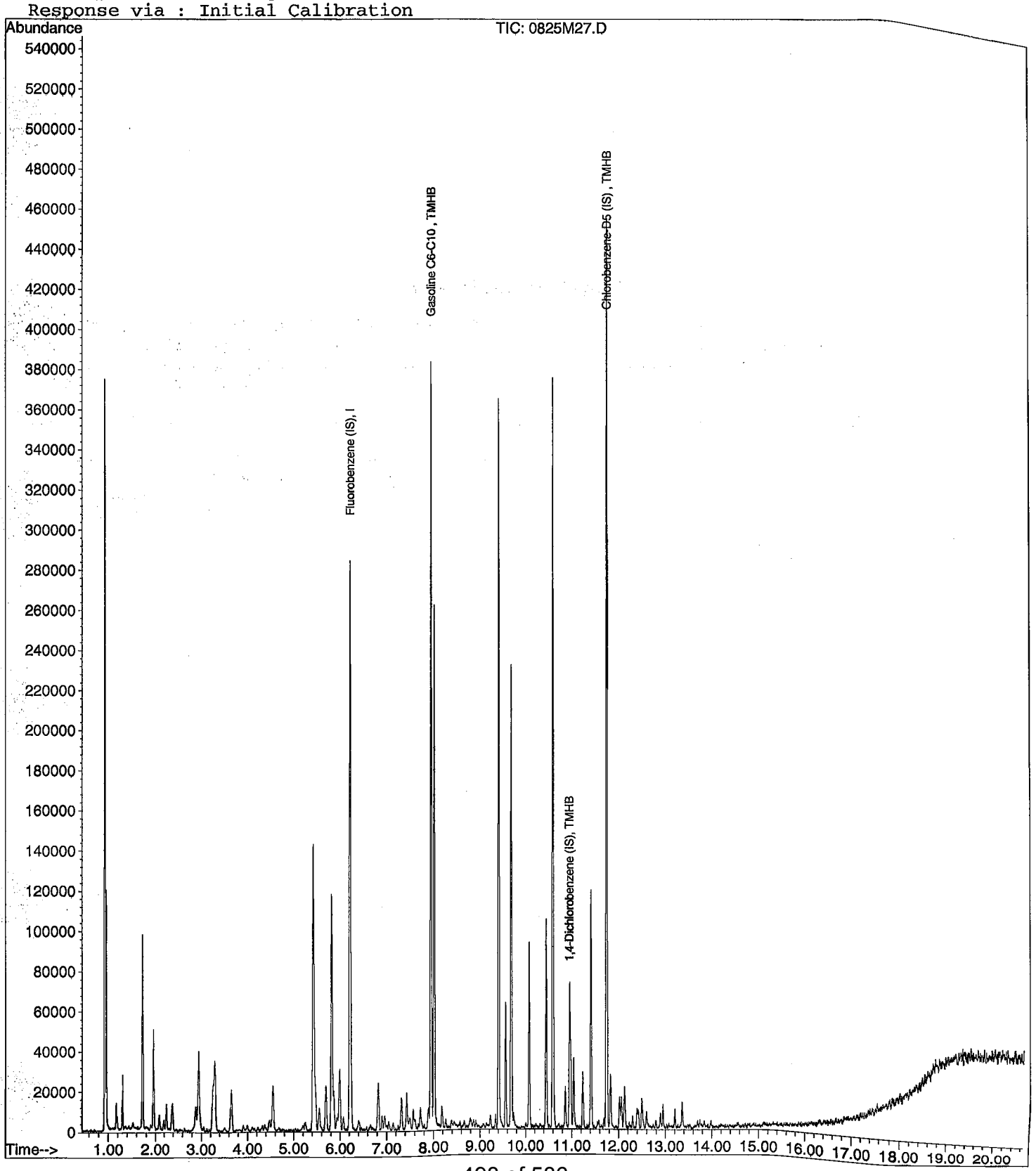
Data File : M:\MAX\DATA\210825\0825M27.D
Acq On : 25 Aug 21 22:14
Sample : 600ug/L GAS STD 8/25/21
Misc : IS&S 6/4/21

Vial: 17
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 29 14:41 2021

Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M28.D Vial: 18
Acq On : 25 Aug 21 22:42 Operator: LP,DG,CH
Sample : 800ug/L GAS STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Oct 29 14:41 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.21	TIC	288929	25.00	ppb	0.00
3) Chlorobenzene-D5 (IS)	11.75	TIC	313031m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	240514m	25.00	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	7.95	TIC	5800436m	628.35	ppb	100

(#) = qualifier out of range (m) = manual integration

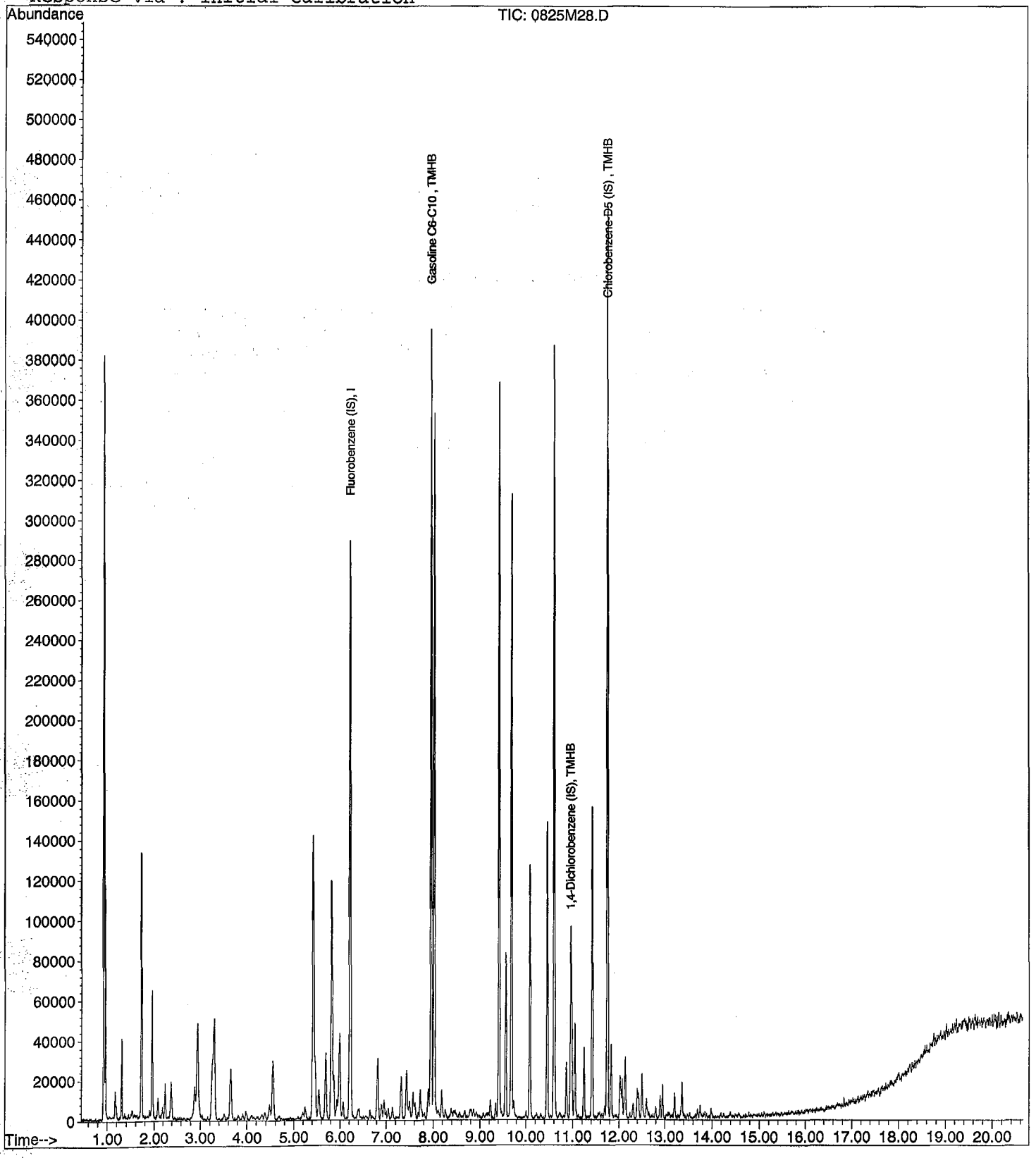
Quantitation Report

Data File : M:\MAX\DATA\210825\0825M28.D
Acq On : 25 Aug 21 22:42
Sample : 800ug/L GAS STD 8/25/21
Misc : IS&S 6/4/21

Vial: 18
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 29 14:41 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M29.D Vial: 19
Acq On : 25 Aug 21 23:10 Operator: LP,DG,CH
Sample : 1000ug/L GAS STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Oct 29 14:41 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.21	TIC	286598	25.00	ppb	0.00
3) Chlorobenzene-D5 (IS)	11.75	TIC	331346m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	289883m	25.00	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	7.95	TIC	6556553m	816.79	ppb	100

(#) = qualifier out of range (m) = manual integration

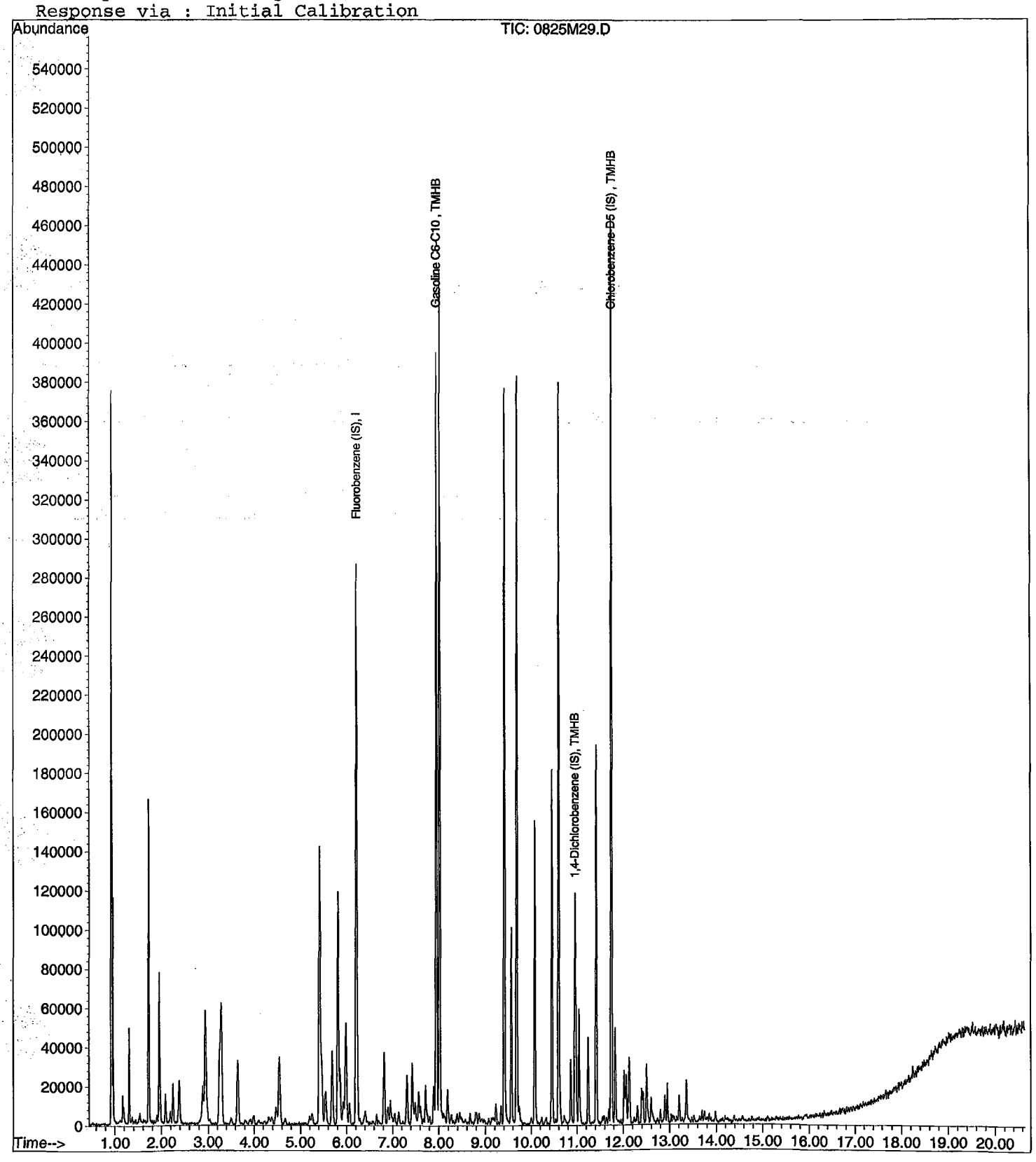
Quantitation Report

Data File : M:\MAX\DATA\210825\0825M29.D
Acq On : 25 Aug 21 23:10
Sample : 1000ug/L GAS STD 8/25/21
Misc : IS&S 6/4/21

Vial: 19
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 29 14:41 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



VOLATILE ORGANIC ANALYSIS
VOLATILE ORGANIC COMPOUNDS

Form 7

Second Source Calibration

Lab Name: APPL, Inc.
Case No:
Matrix:

SDG No:
Date Analyzed: 8/26/2021
Instrument: Max
Initial Cal. Date: 8/25/2021
Data File: 0825M31.D

		Compound	MEAN	CCRF	%D		%Drift
1	TMHB	Gasoline C6-C10	3.704	1.331	64	TMHBL	17
2							
3							
4							
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39							
40							
		Average			64.0		

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0825M31.D Vial: 21
Acq On : 26 Aug 21 00:06 Operator: LP,DG,CH
Sample : (SS) 300ug/L GAS STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Oct 29 14:57 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.21	TIC	283312	25.00	ppb	0.00
3) Chlorobenzene-D5 (IS)	11.75	TIC	277458m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	112772m	25.00	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	7.95	TIC	4524430m	352.18	ppb	100

(#) = qualifier out of range (m) = manual integration

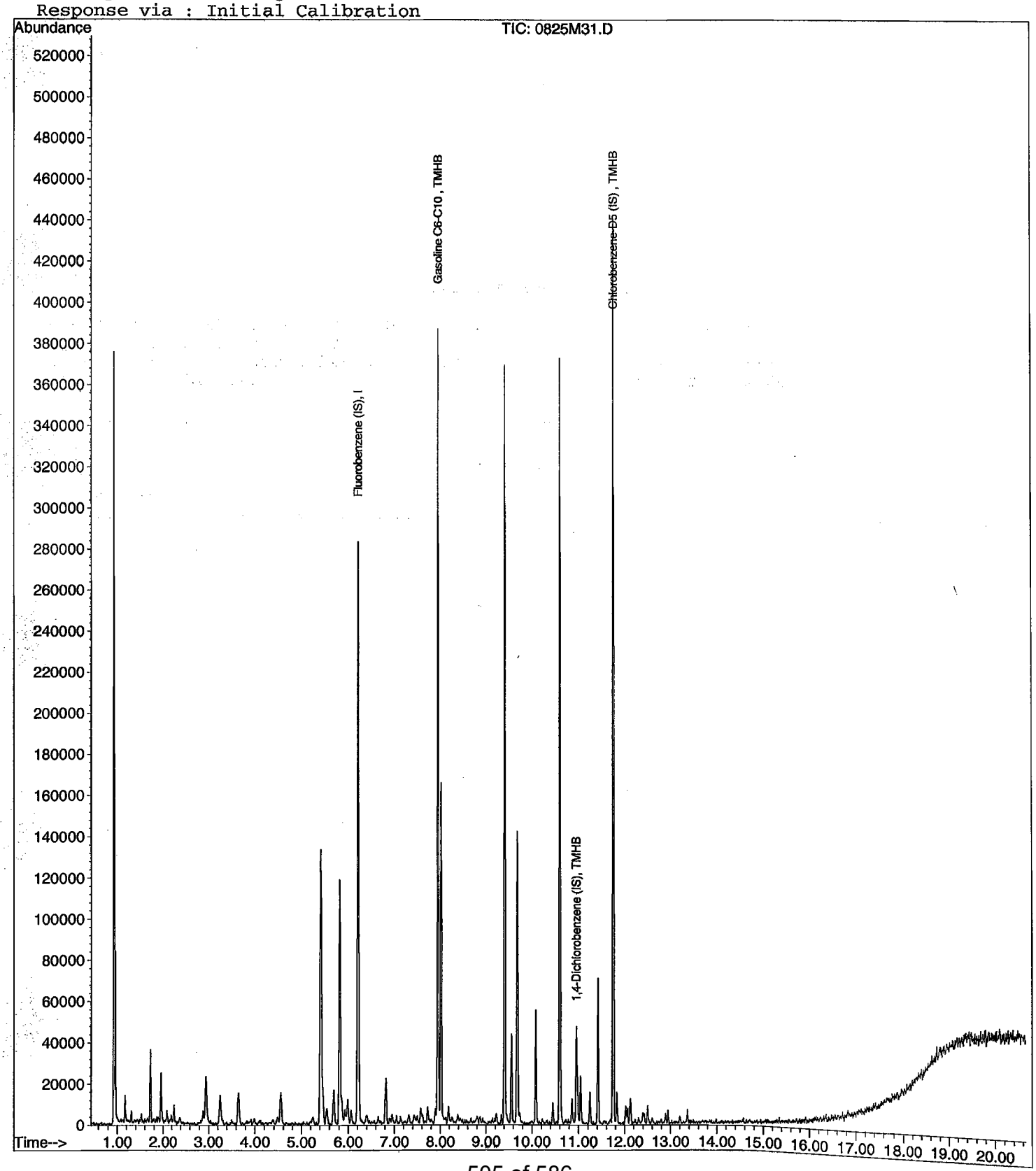
Quantitation Report

Data File : M:\MAX\DATA\210825\0825M31.D
Acq On : 26 Aug 21 00:06
Sample : (SS) 300ug/L GAS STD 8/25/21
Misc : IS&S 6/4/21

Vial: 21
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 29 14:57 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



VOLATILE ORGANIC ANALYSIS
VOLATILE ORGANIC COMPOUNDS

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix:

SDG No:
Date Analyzed: 10/16/2021
Instrument: Max
Initial Cal. Date: 8/25/2021
Data File: 1016M05.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Fluorobenzene (IS)	ISTD			I	
2	TMHB	Gasoline C6-C10	3.704	1.308	65	TMHBL	11
3	TMHB	Chlorobenzene-D5 (IS)	ISTD			TMHB	
4	TMHB	1,4-Dichlorobenzene (IS)	ISTD			TMHB	
5							
6							
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33							
34							
35							
36							
37							
38							
39							
40							
		Average			65.0		

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1016M05.D
Acq On : 16 Oct 21 15:20
Sample : 211016A CCV 300ug/L
Misc : IS&S 8/4/21

Vial: 5
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 24 9:56 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.35	TIC	563106	25.00	ppb	0.13
3) Chlorobenzene-D5 (IS)	11.75	TIC	584718m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	209298m	25.00	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	8.06	TIC	8841338m	334.10	ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1016M05.D Vial: 5
Acq On : 16 Oct 21 15:20 Operator: LP,DG,CH
Sample : 211016A CCV 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00000
MS Integration Params: LSCINT.P
Quant Time: Nov 24 11:29 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.35	96	489343	25.00	ppb	0.13
4) Chlorobenzene-D5 (IS)	9.51	117	427920	25.00	ppb	0.09
7) 1,4-Dichlorobenzene-D (IS)	11.83	152	282248	25.00	ppb	0.08
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.57	111	147858	25.05	ppb	0.15
Spiked Amount 25.000			Recovery =	100.220%		
3) 1,2-DCA-D4(S)	5.96	65	95048	24.51	ppb	0.14
Spiked Amount 25.000			Recovery =	98.032%		
5) Toluene-D8(S)	8.06	98	494666	24.65	ppb	0.11
Spiked Amount 25.000			Recovery =	98.604%		
6) 4-Bromofluorobenzene(S)	10.68	95	200670	25.63	ppb	0.09
Spiked Amount 25.000			Recovery =	102.528%		

Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration
1016M05.D M0825SUR.M Wed Nov 24 11:29:46 2021

Quantitation Report

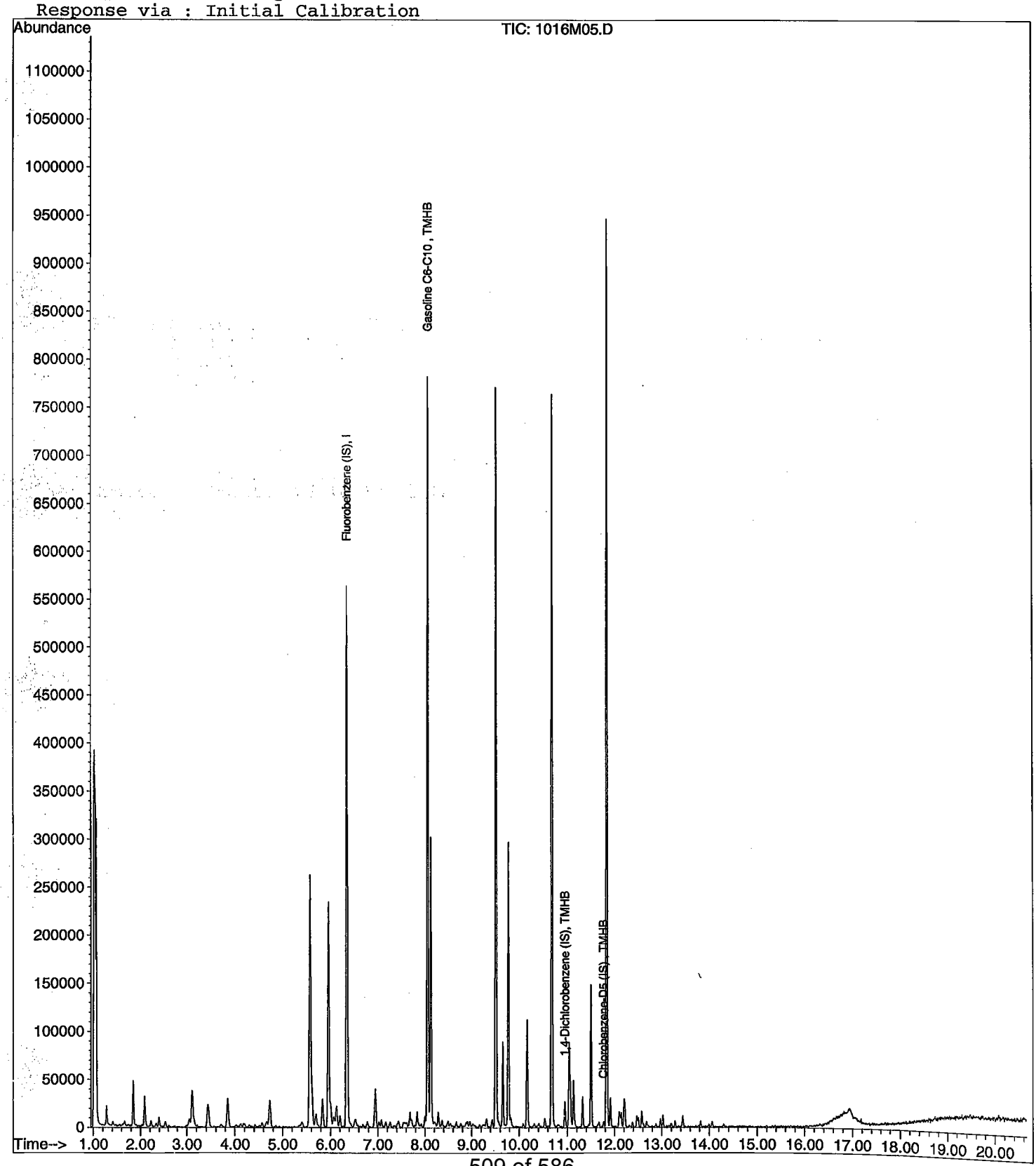
Data File : M:\MAX\DATA\211015\1016M05.D
Acq On : 16 Oct 21 15:20
Sample : 211016A CCV 300ug/L
Misc : IS&S 8/4/21

Vial: 5
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 24 9:56 2021

Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



VOLATILE ORGANIC ANALYSIS
VOLATILE ORGANIC COMPOUNDS

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix:

SDG No:
Date Analyzed: 10/18/2021
Instrument: Max
Initial Cal. Date: 10/15/2021
Data File: 1016M38.D

		Compound	MEAN	CCRF	%D	%Drift	
1	I	Fluorobenzene (IS)	ISTD			I	
2	TMHB	Gasoline C6-C10	3.704	1.253	66	TMHBL	3.6
3	TMHB	Chlorobenzene-D5 (IS)	ISTD			TMHB	
4	TMHB	1,4-Dichlorobenzene (IS)	ISTD			TMHB	
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40							
		Average			66.0		

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1016M38.D Vial: 1
Acq On : 18 Oct 21 13:25 Operator: LP,DG,CH
Sample : Ending CCV 300ug/L 10/16/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 18 12:57 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210922\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	TIC	442688	25.00 ppb	0.15
3) Chlorobenzene-D5 (IS)	11.75	TIC	441473m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	118693m	25.00 ppb	0.00
System Monitoring Compounds					
Target Compounds					Qvalue
2) Gasoline C6-C10	8.07	TIC	6655446m	289.25 ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1016M38.D Vial: 1
Acq On : 18 Oct 21 13:25 Operator: LP,DG,CH
Sample : Ending CCV 300ug/L 10/16/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00000
MS Integration Params: LSCINT.P
Quant Time: Nov 24 11:30 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	96	379456	25.00	ppb	0.15
4) Chlorobenzene-D5 (IS)	9.51	117	335659	25.00	ppb	0.10
7) 1,4-Dichlorobenzene-D (IS)	11.84	152	221795	25.00	ppb	0.09
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.58	111	120031	26.23	ppb	0.16
Spiked Amount 25.000			Recovery =	104.916%		
3) 1,2-DCA-D4(S)	5.97	65	81616	27.14	ppb	0.15
Spiked Amount 25.000			Recovery =	108.556%		
5) Toluene-D8(S)	8.07	98	384084	24.40	ppb	0.12
Spiked Amount 25.000			Recovery =	97.604%		
6) 4-Bromofluorobenzene(S)	10.69	95	154371	25.14	ppb	0.10
Spiked Amount 25.000			Recovery =	100.552%		

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration
1016M38.D M0825SUR.M Wed Nov 24 11:30:43 2021

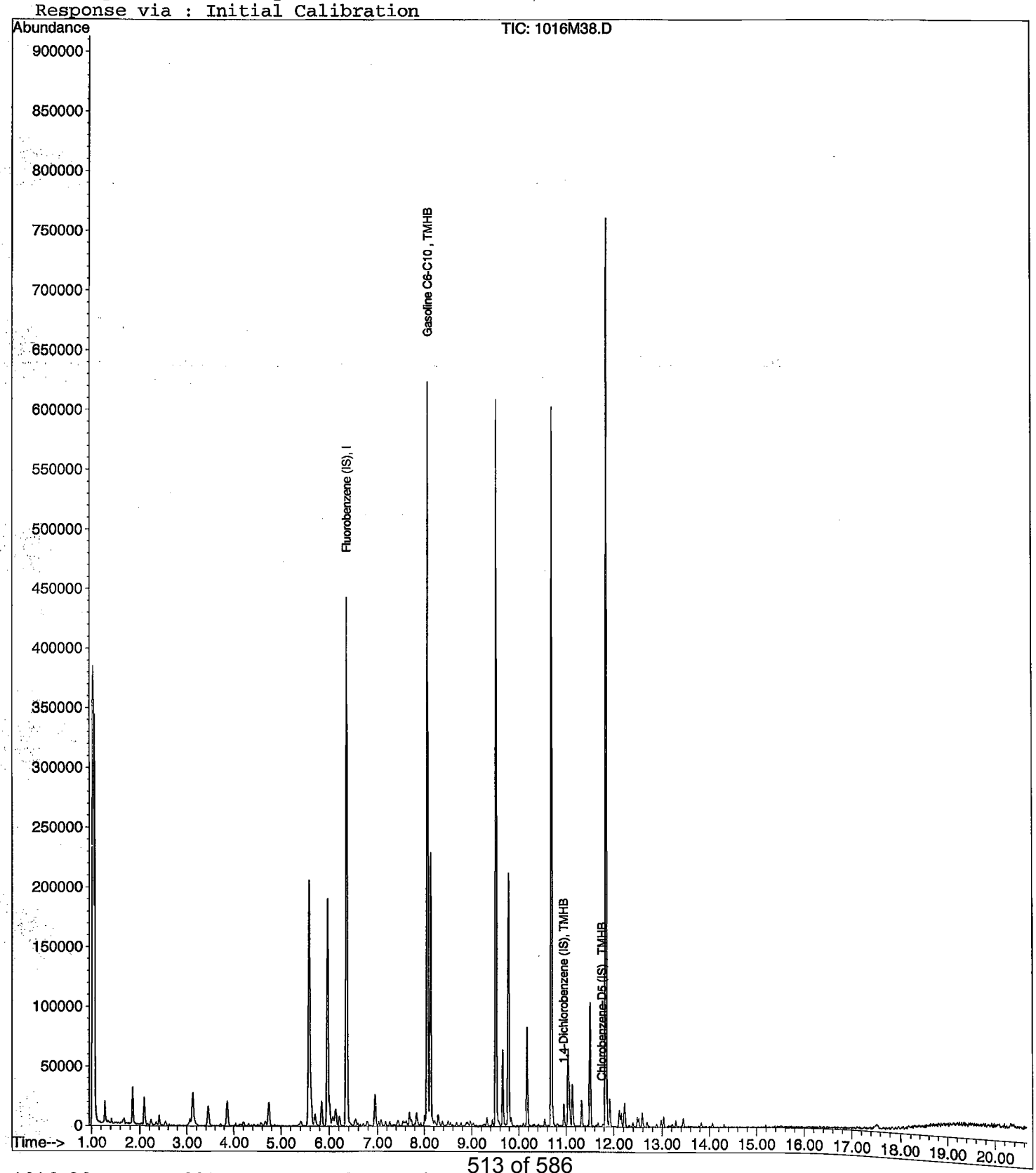
Quantitation Report

Data File : M:\MAX\DATA\211015\1016M38.D
Acq On : 18 Oct 21 13:25
Sample : Ending CCV 300ug/L 10/16/21
Misc : IS&S 8/4/21

Vial: 1
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 18 12:57 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



1016M38.D MGAS0825.M Wed Nov 24 09:55:39 2021

VOLATILE ORGANIC ANALYSIS
VOLATILE ORGANIC COMPOUNDS

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix:

SDG No:
Date Analyzed: 10/18/2021
Instrument: Max
Initial Cal. Date: 8/25/2021
Data File: 1018M05.D

		Compound	MEAN	CCRF	%D	%Drift	
1	I	Fluorobenzene (IS)	ISTD			I	
2	TMHB	Gasoline C6-C10	3.704	1.308	65	TMHBL	11
3	TMHB	Chlorobenzene-D5 (IS)	ISTD			TMHB	
4	TMHB	1,4-Dichlorobenzene (IS)	ISTD			TMHB	
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		Average			65.0		

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1018M05.D Vial: 5
Acq On : 18 Oct 21 16:11 Operator: LP,DG,CH
Sample : 211018A CCV 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 9:52 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	TIC	414168	25.00	ppb	0.15
3) Chlorobenzene-D5 (IS)	11.75	TIC	458781m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	126809m	25.00	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	10.69	TIC	6503095m	334.14	ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1018M05.D Vial: 5
Acq On : 18 Oct 21 16:11 Operator: LP,DG,CH
Sample : 211018A CCV 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00000
MS Integration Params: LSCINT.P
Quant Time: Nov 24 11:31 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	96	349949	25.00	ppb	0.15
4) Chlorobenzene-D5 (IS)	9.51	117	326674	25.00	ppb	0.10
7) 1,4-Dichlorobenzene-D (IS)	11.84	152	216936	25.00	ppb	0.09
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.58	111	106788	25.30	ppb	0.16
Spiked Amount 25.000			Recovery = 101.212%			
3) 1,2-DCA-D4(S)	5.97	65	72648	26.19	ppb	0.15
Spiked Amount 25.000			Recovery = 104.776%			
5) Toluene-D8(S)	8.07	98	365003	23.83	ppb	0.12
Spiked Amount 25.000			Recovery = 95.308%			
6) 4-Bromofluorobenzene(S)	10.69	95	153564	25.69	ppb	0.10
Spiked Amount 25.000			Recovery = 102.776%			

Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration
1018M05.D M0825SUR.M Wed Nov 24 11:31:28 2021

Quantitation Report

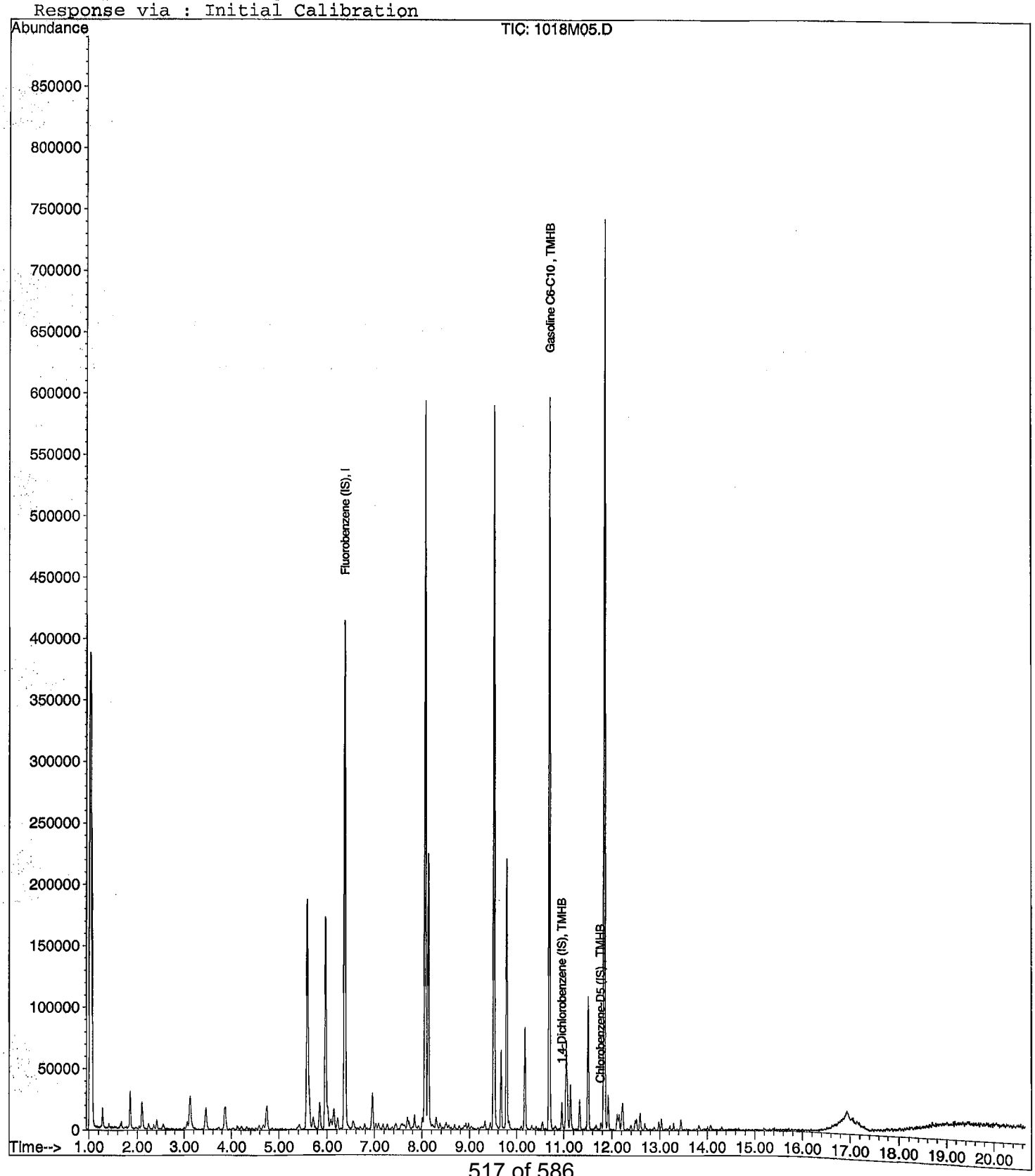
Data File : M:\MAX\DATA\211015\1018M05.D
Acq On : 18 Oct 21 16:11
Sample : 211018A CCV 300ug/L
Misc : IS&S 8/4/21

Vial: 5
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 24 9:52 2021

Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



1018M05.D MGAS0825.M Wed Nov 24 09:53:05 2021

VOLATILE ORGANIC ANALYSIS
VOLATILE ORGANIC COMPOUNDS

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix:

SDG No:
Date Analyzed: 10/19/2021
Instrument: Max
Initial Cal. Date: 8/25/2021
Data File: 1018M28.D

		Compound	MEAN	CCRF	%D	%Drift	
1	I	Fluorobenzene (IS)	ISTD			I	
2	TMHB	Gasoline C6-C10	3.704	1.242	66	TMHBL	6.4
3	TMHB	Chlorobenzene-D5 (IS)	ISTD			TMHB	
4	TMHB	1,4-Dichlorobenzene (IS)	ISTD			TMHB	
5							
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		Average			66.0		

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1018M28.D Vial: 28
Acq On : 19 Oct 21 3:03 Operator: LP,DG,CH
Sample : Ending CCV 300ug/L 10/18/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 9:47 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	TIC	427682	25.00	ppb	0.15
3) Chlorobenzene-D5 (IS)	11.75	TIC	437983m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	111832m	25.00	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	8.06	TIC	6376588m	280.87	ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1018M28.D Vial: 28
Acq On : 19 Oct 21 3:03 Operator: LP,DG,CH
Sample : Ending CCV 300ug/L 10/18/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:33 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	96	367093	25.00 ppb	0.14
4) Chlorobenzene-D5 (IS)	9.51	117	326644	25.00 ppb	0.10
7) 1,4-Dichlorobenzene-D (IS)	11.83	152	207210	25.00 ppb	0.09
System Monitoring Compounds					
2) Dibromofluoromethane(S)	5.58	111	112400	25.39 ppb	0.16
Spiked Amount 25.000			Recovery =	101.556%	
3) 1,2-DCA-D4(S)	5.97	65	79744	27.41 ppb	0.15
Spiked Amount 25.000			Recovery =	109.640%	
5) Toluene-D8(S)	8.06	98	376867	24.60 ppb	0.12
Spiked Amount 25.000			Recovery =	98.416%	
6) 4-Bromofluorobenzene(S)	10.69	95	149820	25.07 ppb	0.09
Spiked Amount 25.000			Recovery =	100.280%	

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

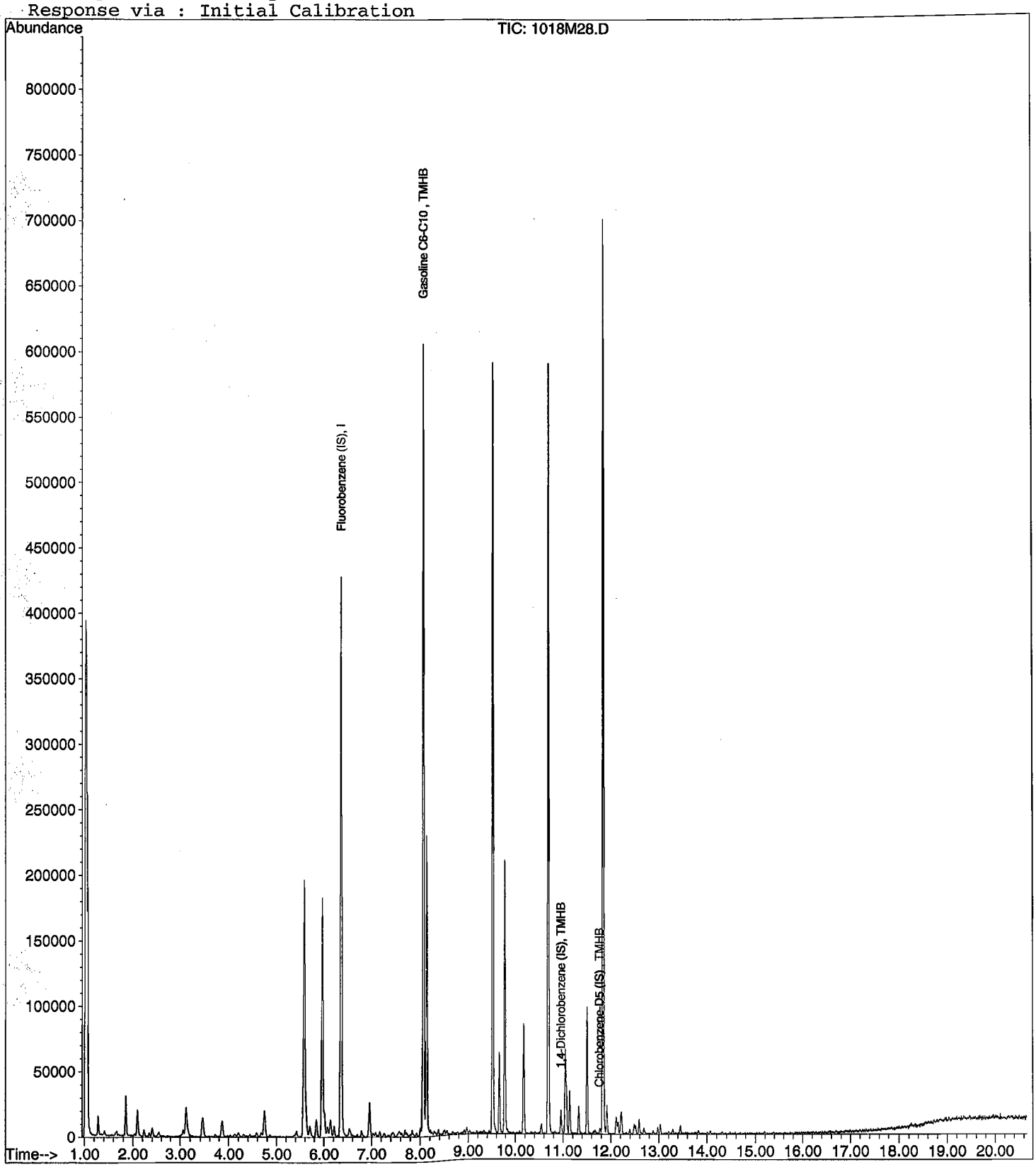
Quantitation Report

Data File : M:\MAX\DATA\211015\1018M28.D
Acq On : 19 Oct 21 3:03
Sample : Ending CCV 300ug/L 10/18/21
Misc : IS&S 8/4/21

Vial: 28
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 24 9:47 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



VOLATILE ORGANIC ANALYSIS
VOLATILE ORGANIC COMPOUNDS

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix:

SDG No:
Date Analyzed: 10/20/2021
Instrument: Max
Initial Cal. Date: 8/25/2021
Data File: 1020M27.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Fluorobenzene (IS)	ISTD			I	
2	TMHB	Gasoline C6-C10	3.704	1.245	66	TMHBL	5.6
3	TMHB	Chlorobenzene-D5 (IS)	ISTD			TMHB	
4	TMHB	1,4-Dichlorobenzene (IS)	ISTD			TMHB	
5							
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		Average			66.0		

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1020M27.D Vial: 27
Acq On : 20 Oct 21 23:41 Operator: LP,DG,CH
Sample : Ending CCV 300ug/L 10/20/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 9:46 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.37	TIC	626832	25.00 ppb	0.15
3) Chlorobenzene-D5 (IS)	11.75	TIC	1614402m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	169622m	25.00 ppb	0.00
System Monitoring Compounds					
Target Compounds					Qvalue
2) Gasoline C6-C10	8.07	TIC	9366326m	283.07 ppb	100

(#) = qualifier out of range (m) = manual integration
1020M27.D MGAS0825.M Wed Nov 24 09:46:49 2021

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1020M27.D Vial: 27
Acq On : 20 Oct 21 23:41 Operator: LP,DG,CH
Sample : Ending CCV 300ug/L 10/20/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:33 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.37	96	547657	25.00	ppb	0.15
4) Chlorobenzene-D5 (IS)	9.52	117	476106	25.00	ppb	0.11
7) 1,4-Dichlorobenzene-D (IS)	11.84	152	312147	25.00	ppb	0.10
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.58	111	162785	24.65	ppb	0.17
Spiked Amount 25.000			Recovery =	98.588%		
3) 1,2-DCA-D4(S)	5.97	65	100208	23.09	ppb	0.16
Spiked Amount 25.000			Recovery =	92.352%		
5) Toluene-D8(S)	8.07	98	563754	25.25	ppb	0.12
Spiked Amount 25.000			Recovery =	101.004%		
6) 4-Bromofluorobenzene(S)	10.70	95	221287	25.40	ppb	0.10
Spiked Amount 25.000			Recovery =	101.616%		

Target Compounds Qvalue

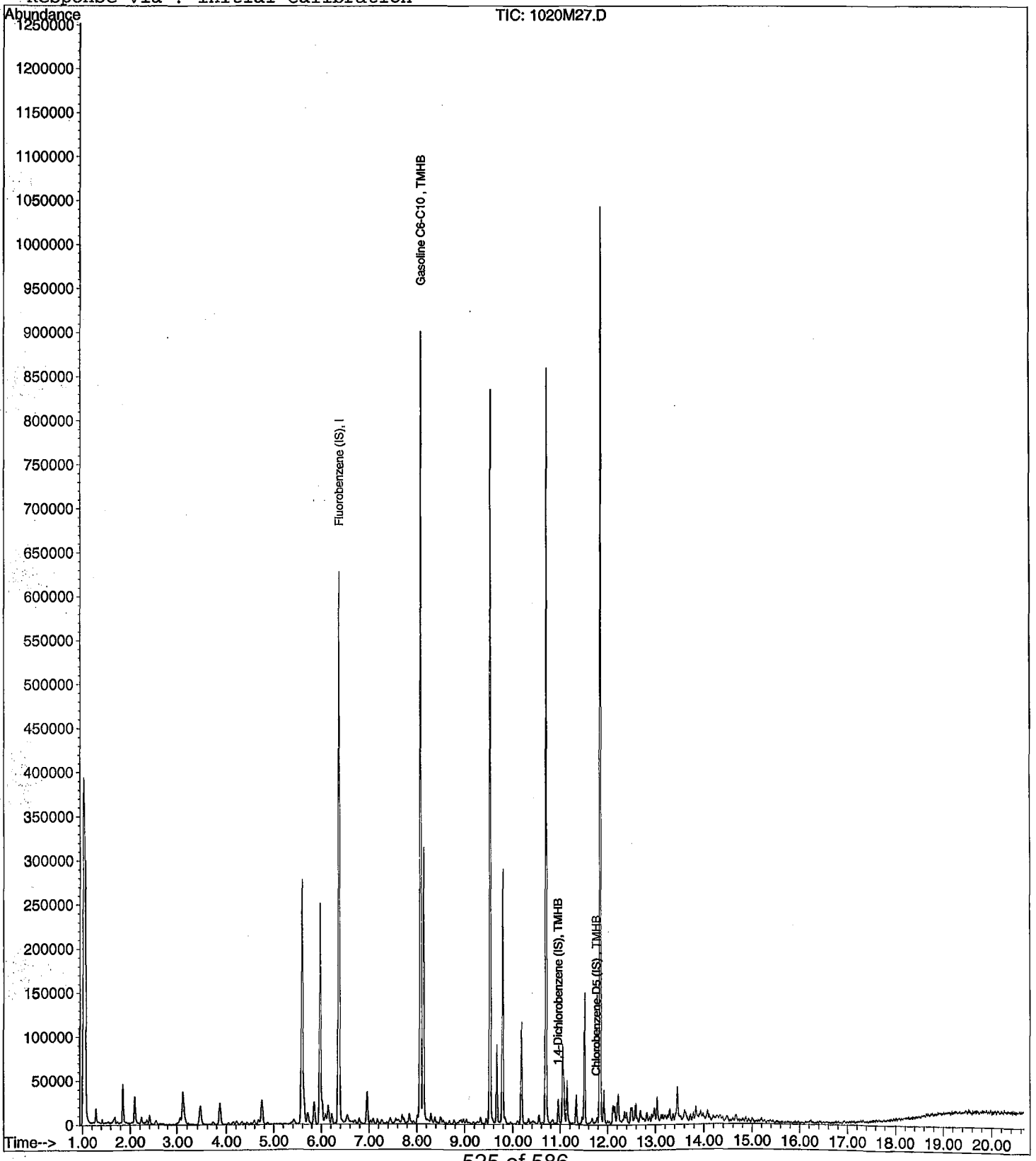
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1020M27.D Vial: 27
Acq On : 20 Oct 21 23:41 Operator: LP,DG,CH
Sample : Ending CCV 300ug/L 10/20/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 9:46 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



ORGANICS
Raw Data

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1016M23.D Vial: 23
Acq On : 16 Oct 21 23:51 Operator: LP,DG,CH
Sample : BA42511W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:10 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.35	TIC	424837	25.00 ppb	0.14
3) Chlorobenzene-D5 (IS)	11.75	TIC	436161m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	6148m	25.00 ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1016M23.D Vial: 23
Acq On : 16 Oct 21 23:51 Operator: LP,DG,CH
Sample : BA42511W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:33 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.35	96	369934	25.00	ppb	0.14
4) Chlorobenzene-D5 (IS)	9.51	117	338491	25.00	ppb	0.10
7) 1,4-Dichlorobenzene-D (IS)	11.83	152	218710	25.00	ppb	0.08
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.57	111	115896	25.98	ppb	0.15
Spiked Amount 25.000			Recovery =	103.912%		
3) 1,2-DCA-D4(S)	5.96	65	78984	26.94	ppb	0.14
Spiked Amount 25.000			Recovery =	107.760%		
5) Toluene-D8(S)	8.06	98	372299	23.45	ppb	0.11
Spiked Amount 25.000			Recovery =	93.820%		
6) 4-Bromofluorobenzene(S)	10.68	95	149222	24.10	ppb	0.09
Spiked Amount 25.000			Recovery =	96.384%		

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

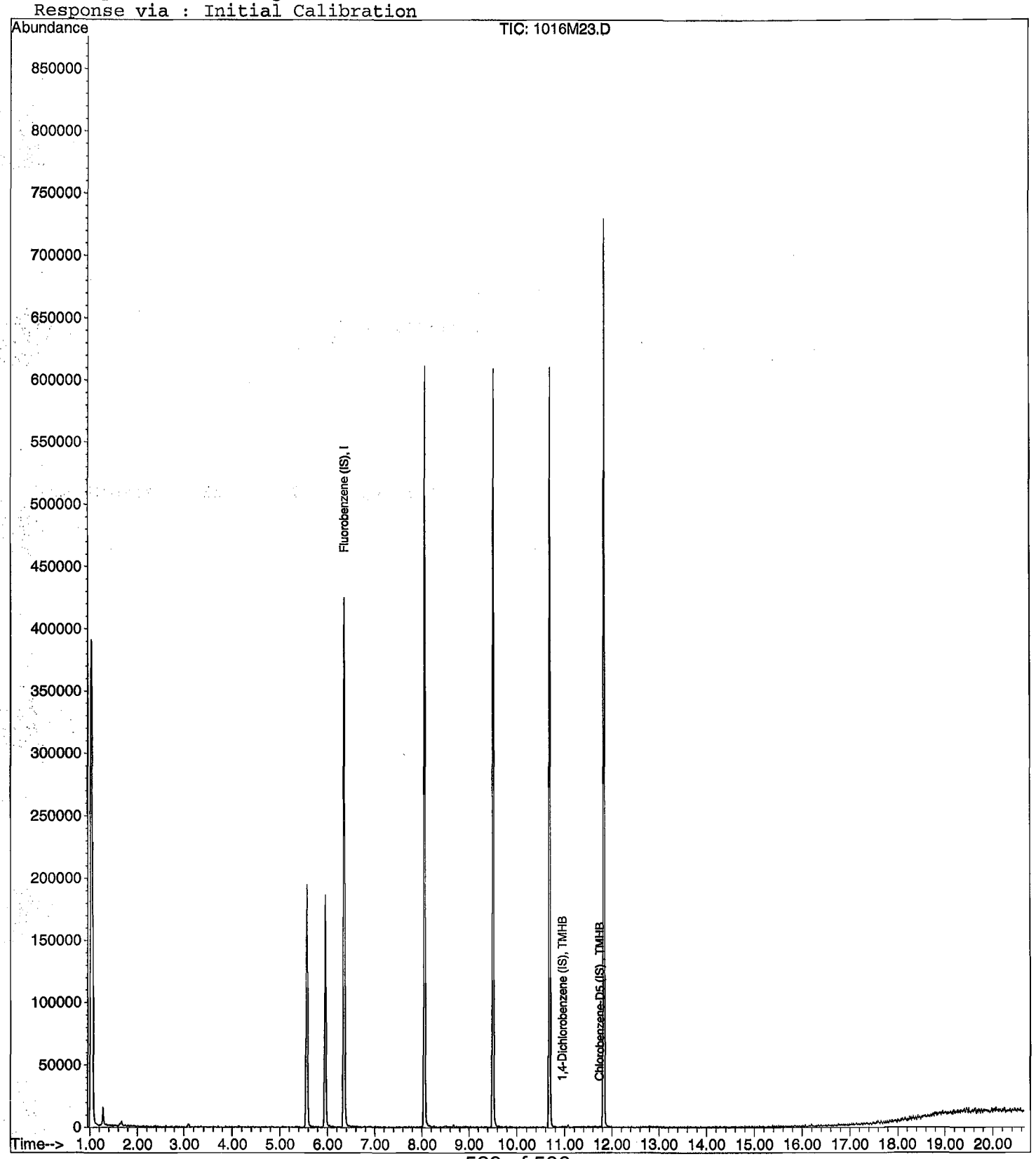
Quantitation Report

Data File : M:\MAX\DATA\211015\1016M23.D
Acq On : 16 Oct 21 23:51
Sample : BA42511W01
Misc : IS&S 8/4/21

Vial: 23
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 24 10:10 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1016M24.D Vial: 24
Acq On : 17 Oct 21 00:20 Operator: LP,DG,CH
Sample : BA42512W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:10 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.35	TIC	418110	25.00 ppb	0.14
3) Chlorobenzene-D5 (IS)	11.75	TIC	439859m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	12954m	25.00 ppb	0.00
System Monitoring Compounds					
Target Compounds					Qvalue
2) Gasoline C6-C10	8.06	TIC	4668663m	29.08 ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1016M24.D Vial: 24
Acq On : 17 Oct 21 00:20 Operator: LP,DG,CH
Sample : BA42512W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:33 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.35	96	362419	25.00	ppb	0.14
4) Chlorobenzene-D5 (IS)	9.51	117	326919	25.00	ppb	0.10
7) 1,4-Dichlorobenzene-D (IS)	11.83	152	223428	25.00	ppb	0.08
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.57	111	114332	26.16	ppb	0.15
Spiked Amount 25.000			Recovery =	104.632%		
3) 1,2-DCA-D4(S)	5.96	65	80416	28.00	ppb	0.14
Spiked Amount 25.000			Recovery =	111.988%		
5) Toluene-D8(S)	8.06	98	376336	24.55	ppb	0.11
Spiked Amount 25.000			Recovery =	98.192%		
6) 4-Bromofluorobenzene(S)	10.68	95	153469	25.66	ppb	0.09
Spiked Amount 25.000			Recovery =	102.636%		

Target Compounds Qvalue

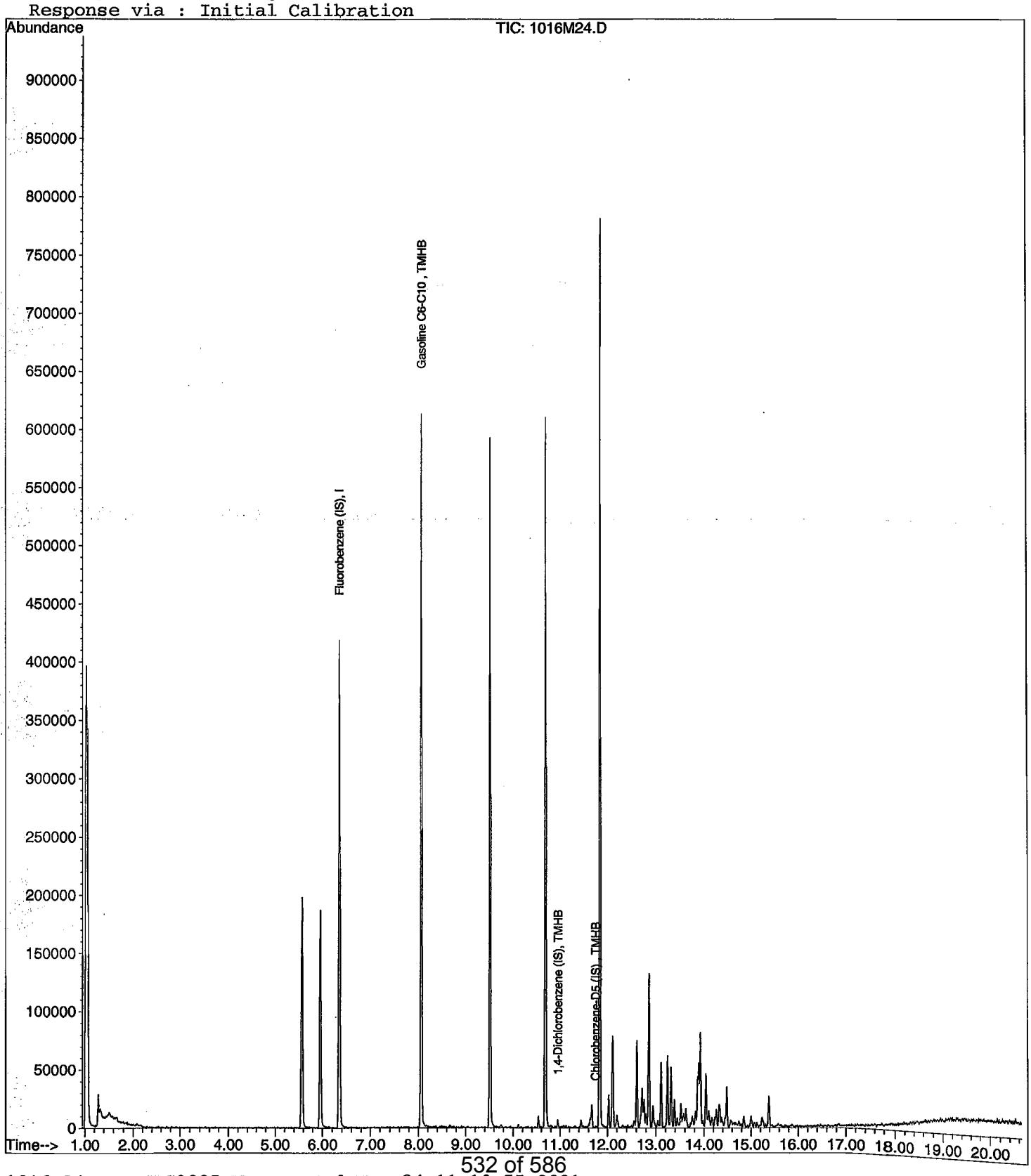
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1016M24.D Vial: 24
Acq On : 17 Oct 21 00:20 Operator: LP,DG,CH
Sample : BA42512W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:10 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1018M09.D
Acq On : 18 Oct 21 18:05
Sample : BA42514W01
Misc : IS&S 8/4/21

Vial: 9
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 24 10:11 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	TIC	415292	25.00 ppb	0.15
3) Chlorobenzene-D5 (IS)	11.75	TIC	543479m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	74863m	25.00 ppb	0.00
System Monitoring Compounds					
Target Compounds					Qvalue
2) Gasoline C6-C10	8.06	TIC	4930001m	76.50 ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1018M09.D Vial: 9
Acq On : 18 Oct 21 18:05 Operator: LP,DG,CH
Sample : BA42514W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:33 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	96	350942	25.00	ppb	0.15
4) Chlorobenzene-D5 (IS)	9.51	117	323199	25.00	ppb	0.10
7) 1,4-Dichlorobenzene-D (IS)	11.83	152	223503	25.00	ppb	0.09
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.58	111	109455	25.86	ppb	0.16
Spiked Amount 25.000			Recovery =	103.448%		
3) 1,2-DCA-D4(S)	5.97	65	74832	26.91	ppb	0.15
Spiked Amount 25.000			Recovery =	107.620%		
5) Toluene-D8(S)	8.07	98	363326	23.97	ppb	0.12
Spiked Amount 25.000			Recovery =	95.888%		
6) 4-Bromofluorobenzene(S)	10.69	95	157506	26.64	ppb	0.09
Spiked Amount 25.000			Recovery =	106.548%		

Target Compounds Qvalue

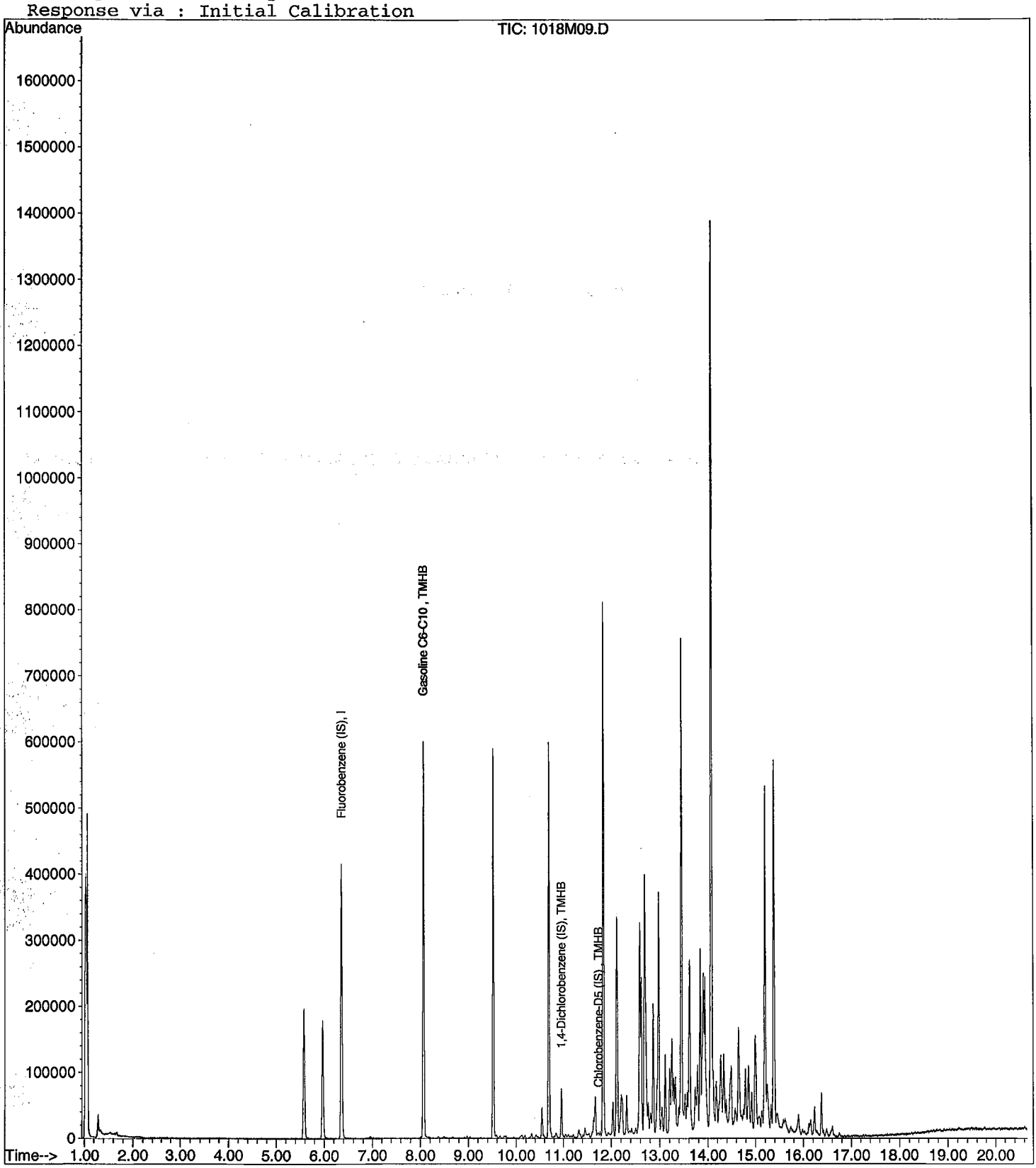
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1018M09.D Vial: 9
Acq On : 18 Oct 21 18:05 Operator: LP,DG,CH
Sample : BA42514W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:11 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1018M10.D Vial: 10
Acq On : 18 Oct 21 18:33 Operator: LP,DG,CH
Sample : BA42515W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:11 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	TIC	423628	25.00 ppb	0.15
3) Chlorobenzene-D5 (IS)	11.75	TIC	429453m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	11774m	25.00 ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1018M10.D Vial: 10
Acq On : 18 Oct 21 18:33 Operator: LP,DG,CH
Sample : BA42515W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:33 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	96	363241	25.00	ppb	0.15
4) Chlorobenzene-D5 (IS)	9.51	117	330070	25.00	ppb	0.10
7) 1,4-Dichlorobenzene-D (IS)	11.83	152	220654	25.00	ppb	0.09
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.58	111	115354	26.33	ppb	0.16
Spiked Amount 25.000			Recovery =	105.332%		
3) 1,2-DCA-D4(S)	5.97	65	76784	26.67	ppb	0.15
Spiked Amount 25.000			Recovery =	106.688%		
5) Toluene-D8(S)	8.07	98	381386	24.64	ppb	0.12
Spiked Amount 25.000			Recovery =	98.560%		
6) 4-Bromofluorobenzene(S)	10.69	95	156436	25.91	ppb	0.10
Spiked Amount 25.000			Recovery =	103.620%		

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

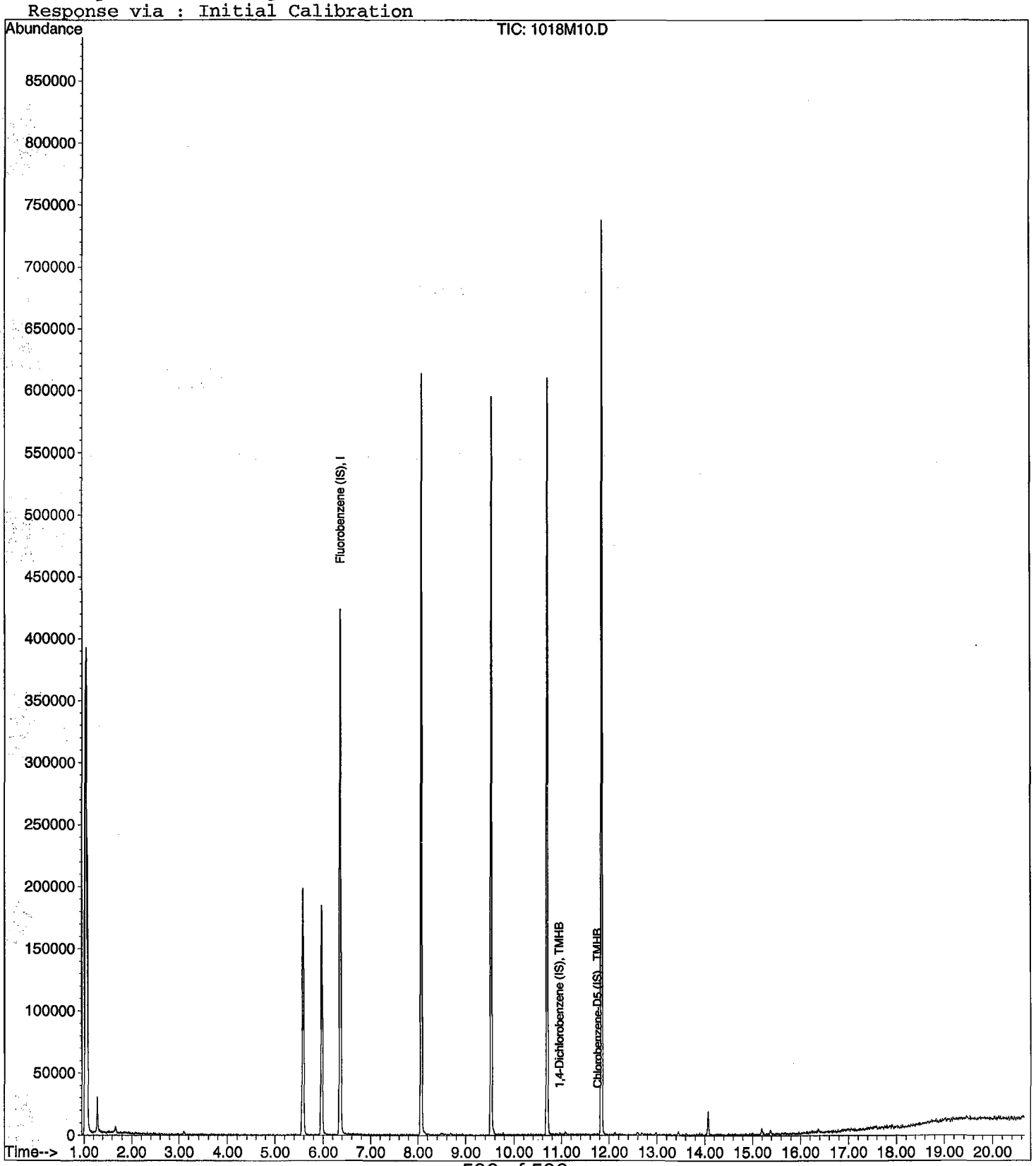
Quantitation Report

Data File : M:\MAX\DATA\211015\1018M10.D
Acq On : 18 Oct 21 18:33
Sample : BA42515W01
Misc : IS&S 8/4/21

Vial: 10
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 24 10:11 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1018M11.D Vial: 11
Acq On : 18 Oct 21 19:02 Operator: LP,DG,CH
Sample : BA42516W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:11 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	TIC	409833	25.00 ppb	0.15
3) Chlorobenzene-D5 (IS)	11.75	TIC	431954m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	4684m	25.00 ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1018M11.D Vial: 11
Acq On : 18 Oct 21 19:02 Operator: LP,DG,CH
Sample : BA42516W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:33 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	96	356985	25.00	ppb	0.15
4) Chlorobenzene-D5 (IS)	9.51	117	321126	25.00	ppb	0.10
7) 1,4-Dichlorobenzene-D (IS)	11.84	152	211018	25.00	ppb	0.09
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.58	111	108520	25.21	ppb	0.16
Spiked Amount 25.000			Recovery =	100.828%		
3) 1,2-DCA-D4(S)	5.97	65	76936	27.19	ppb	0.15
Spiked Amount 25.000			Recovery =	108.772%		
5) Toluene-D8(S)	8.07	98	372242	24.72	ppb	0.12
Spiked Amount 25.000			Recovery =	98.876%		
6) 4-Bromofluorobenzene(S)	10.69	95	150326	25.59	ppb	0.10
Spiked Amount 25.000			Recovery =	102.348%		

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

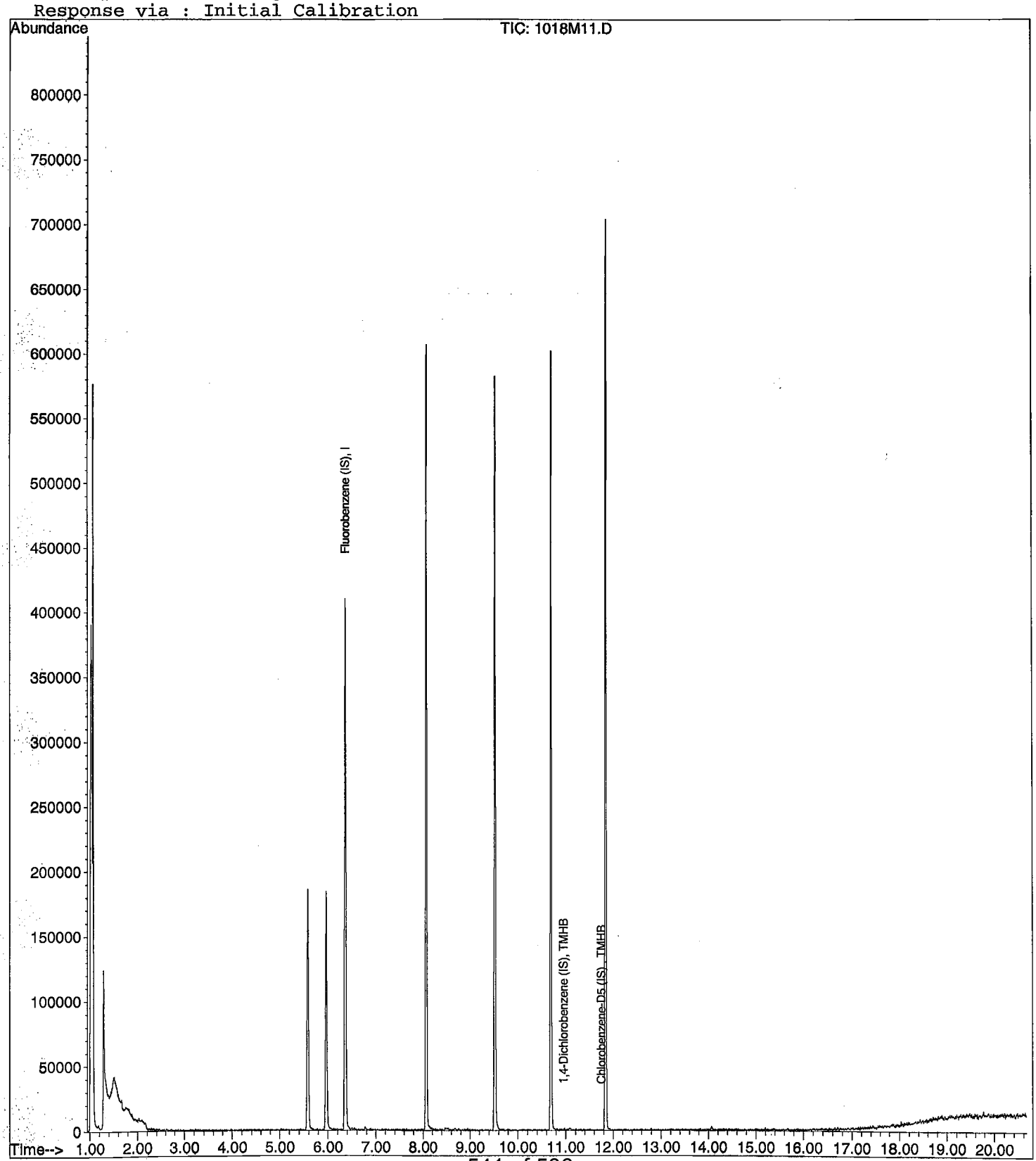
Quantitation Report

Data File : M:\MAX\DATA\211015\1018M11.D
Acq On : 18 Oct 21 19:02
Sample : BA42516W01
Misc : IS&S 8/4/21

Vial: 11
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 24 10:11 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1018M12.D Vial: 12
Acq On : 18 Oct 21 19:30 Operator: LP,DG,CH
Sample : BA42517W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:11 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	TIC	417520	25.00 ppb	0.15
3) Chlorobenzene-D5 (IS)	11.75	TIC	429914m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	7752m	25.00 ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1018M12.D Vial: 12
Acq On : 18 Oct 21 19:30 Operator: LP,DG,CH
Sample : BA42517W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:33 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	96	356130	25.00	ppb	0.15
4) Chlorobenzene-D5 (IS)	9.51	117	330774	25.00	ppb	0.10
7) 1,4-Dichlorobenzene-D (IS)	11.84	152	213716	25.00	ppb	0.09
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.58	111	114489	26.66	ppb	0.16
Spiked Amount 25.000			Recovery = 106.628%			
3) 1,2-DCA-D4(S)	5.97	65	75104	26.61	ppb	0.15
Spiked Amount 25.000			Recovery = 106.440%			
5) Toluene-D8(S)	8.07	98	377932	24.37	ppb	0.12
Spiked Amount 25.000			Recovery = 97.460%			
6) 4-Bromofluorobenzene(S)	10.69	95	152154	25.14	ppb	0.10
Spiked Amount 25.000			Recovery = 100.572%			

Target Compounds Qvalue

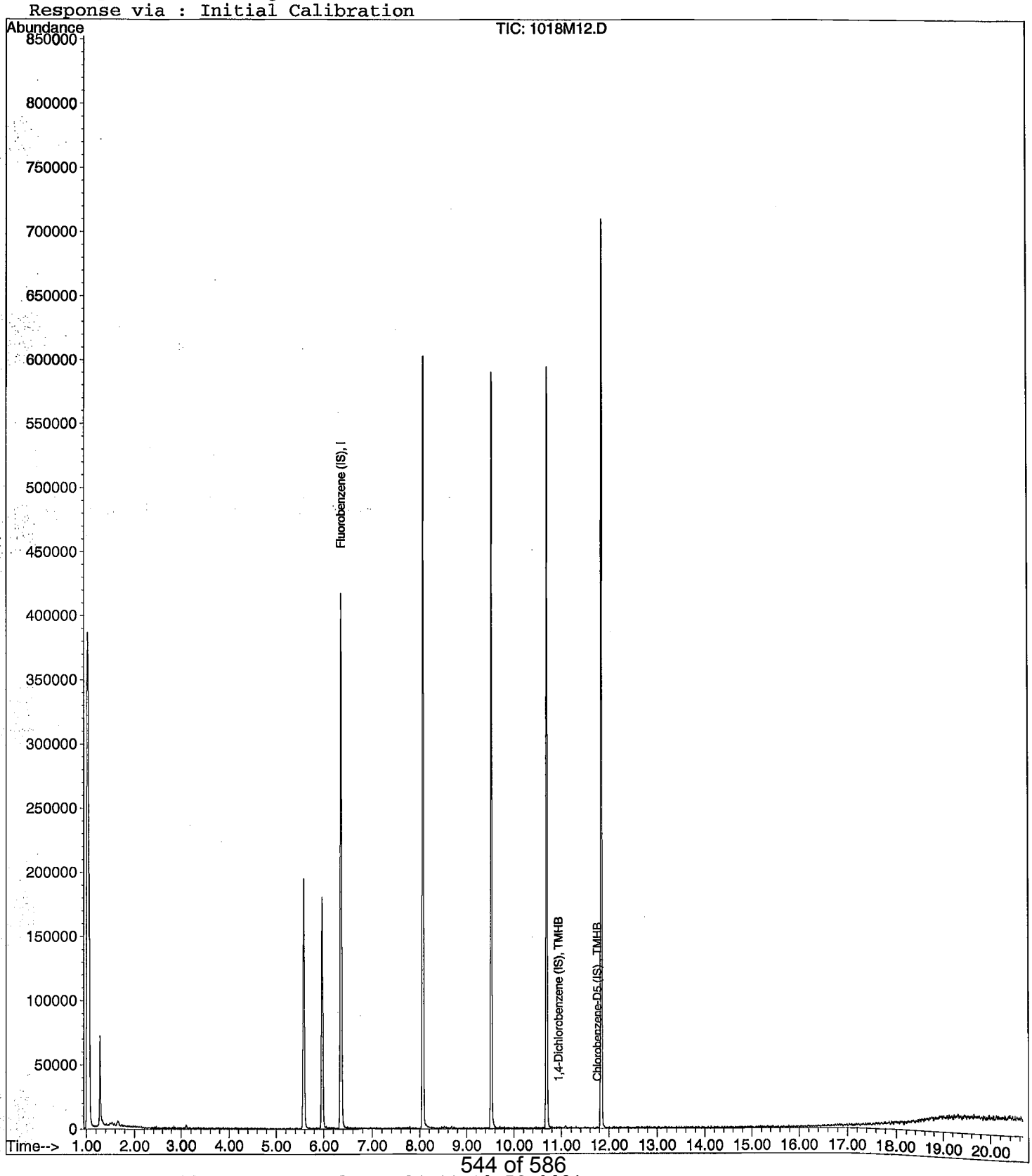
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1018M12.D Vial: 12
Acq On : 18 Oct 21 19:30 Operator: LP,DG,CH
Sample : BA42517W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:11 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1018M13.D Vial: 13
Acq On : 18 Oct 21 19:59 Operator: LP,DG,CH
Sample : BA42518W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:12 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	TIC	411437	25.00 ppb	0.15
3) Chlorobenzene-D5 (IS)	11.75	TIC	403568m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	8669m	25.00 ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1018M13.D Vial: 13
Acq On : 18 Oct 21 19:59 Operator: LP,DG,CH
Sample : BA42518W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:33 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	96	360702	25.00	ppb	0.15
4) Chlorobenzene-D5 (IS)	9.51	117	322273	25.00	ppb	0.10
7) 1,4-Dichlorobenzene-D (IS)	11.83	152	208212	25.00	ppb	0.09
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.58	111	114564	26.34	ppb	0.16
Spiked Amount 25.000			Recovery = 105.344%			
3) 1,2-DCA-D4(S)	5.97	65	78888	27.60	ppb	0.15
Spiked Amount 25.000			Recovery = 110.384%			
5) Toluene-D8(S)	8.06	98	371043	24.55	ppb	0.12
Spiked Amount 25.000			Recovery = 98.208%			
6) 4-Bromofluorobenzene(S)	10.69	95	154690	26.24	ppb	0.10
Spiked Amount 25.000			Recovery = 104.944%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

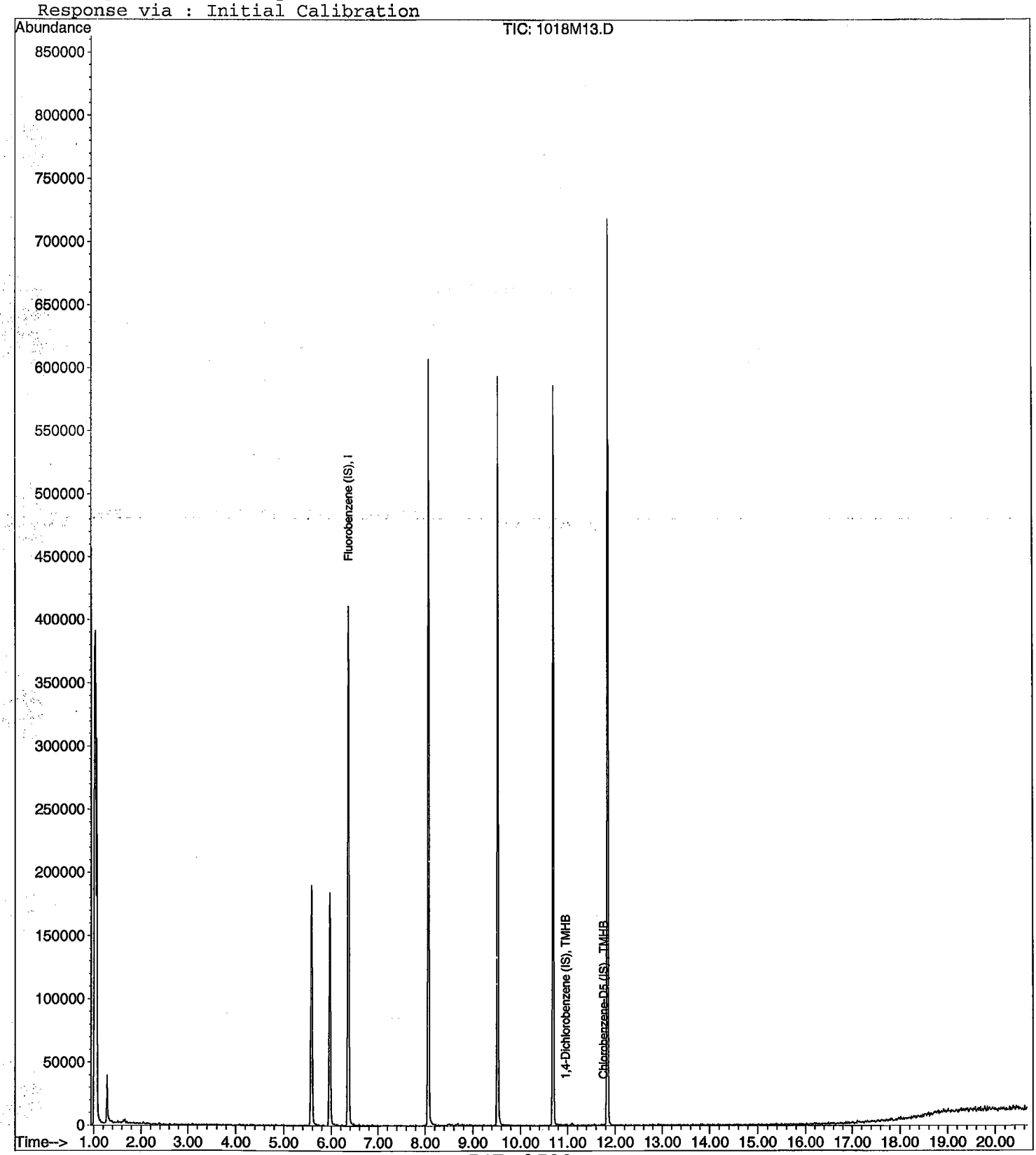
Quantitation Report

Data File : M:\MAX\DATA\211015\1018M13.D
Acq On : 18 Oct 21 19:59
Sample : BA42518W01
Misc : IS&S 8/4/21

Vial: 13
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 24 10:12 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1020M15.D Vial: 15
Acq On : 20 Oct 21 18:00 Operator: LP,DG,CH
Sample : BA42513W02 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:12 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.37	TIC	427759	25.00 ppb	0.15
3) Chlorobenzene-D5 (IS)	11.75	TIC	1126384m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	7255m	25.00 ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1020M15.D Vial: 15
Acq On : 20 Oct 21 18:00 Operator: LP,DG,CH
Sample : BA42513W02 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:33 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.37	96	356645	25.00	ppb	0.15
4) Chlorobenzene-D5 (IS)	9.52	117	325976	25.00	ppb	0.11
7) 1,4-Dichlorobenzene-D (IS)	11.84	152	212261	25.00	ppb	0.10
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.59	111	115965	26.96	ppb	0.17
Spiked Amount 25.000			Recovery =	107.848%		
3) 1,2-DCA-D4(S)	5.98	65	80136	28.35	ppb	0.16
Spiked Amount 25.000			Recovery =	113.404%		
5) Toluene-D8(S)	8.07	98	371166	24.28	ppb	0.12
Spiked Amount 25.000			Recovery =	97.124%		
6) 4-Bromofluorobenzene(S)	10.70	95	153055	25.66	ppb	0.10
Spiked Amount 25.000			Recovery =	102.656%		

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

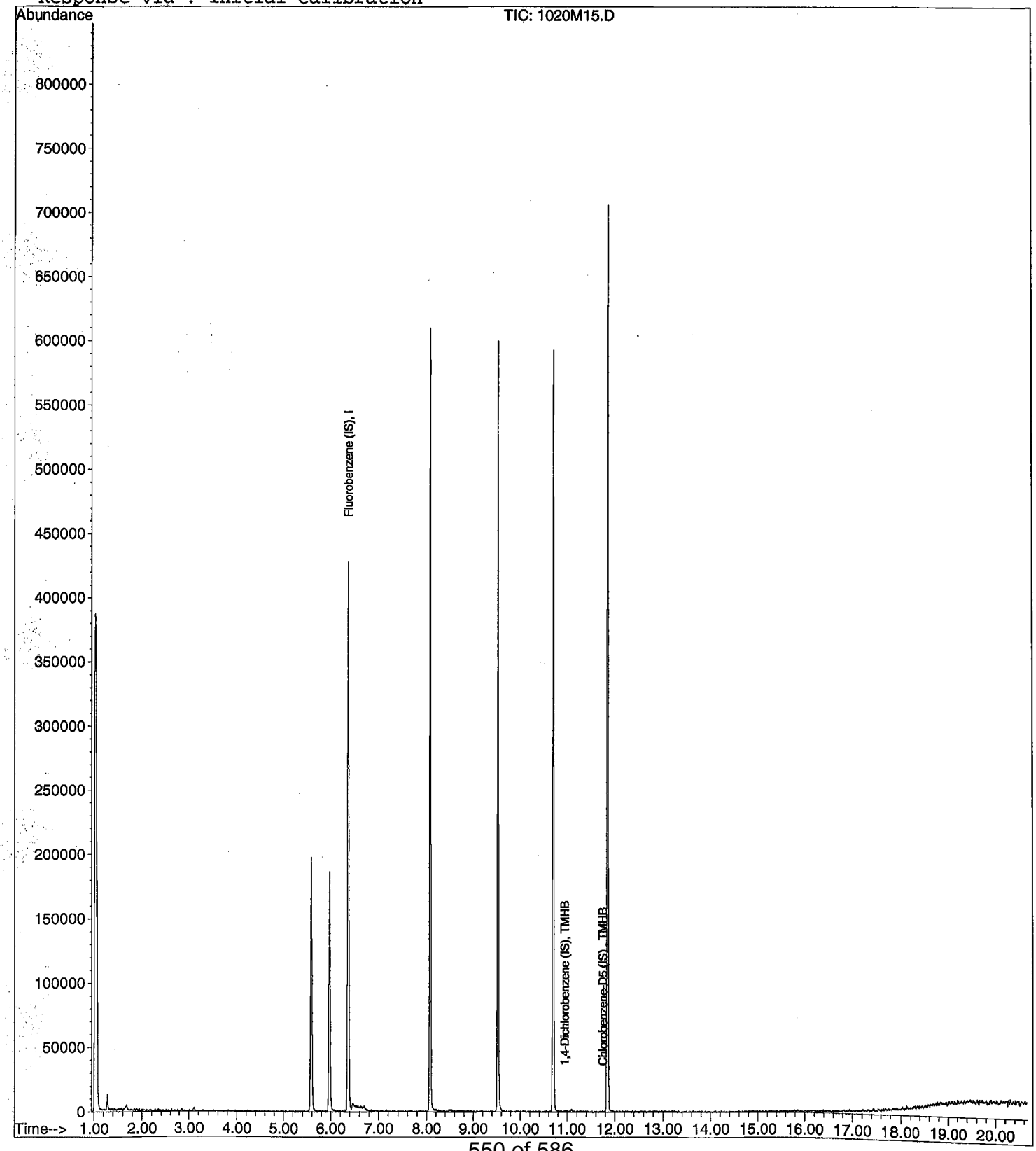
Quantitation Report

Data File : M:\MAX\DATA\211015\1020M15.D
Acq On : 20 Oct 21 18:00
Sample : BA42513W02
Misc : IS&S 8/4/21

Vial: 15
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 24 10:12 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1016M08.D Vial: 8
Acq On : 16 Oct 21 16:46 Operator: LP,DG,CH
Sample : 211016A BLK Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:02 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.35	TIC	551943	25.00	ppb	0.13
3) Chlorobenzene-D5 (IS)	11.75	TIC	512893m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	10118m	25.00	ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1016M08.D Vial: 8
Acq On : 16 Oct 21 16:46 Operator: LP,DG,CH
Sample : 211016A BLK Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:33 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.35	96	478685	25.00	ppb	0.13
4) Chlorobenzene-D5 (IS)	9.51	117	420924	25.00	ppb	0.09
7) 1,4-Dichlorobenzene-D (IS)	11.83	152	262374	25.00	ppb	0.08
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.57	111	145157	25.14	ppb	0.15
Spiked Amount 25.000			Recovery =	100.580%		
3) 1,2-DCA-D4(S)	5.96	65	96224	25.36	ppb	0.14
Spiked Amount 25.000			Recovery =	101.456%		
5) Toluene-D8(S)	8.06	98	483153	24.48	ppb	0.11
Spiked Amount 25.000			Recovery =	97.908%		
6) 4-Bromofluorobenzene(S)	10.68	95	193567	25.14	ppb	0.09
Spiked Amount 25.000			Recovery =	100.540%		

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

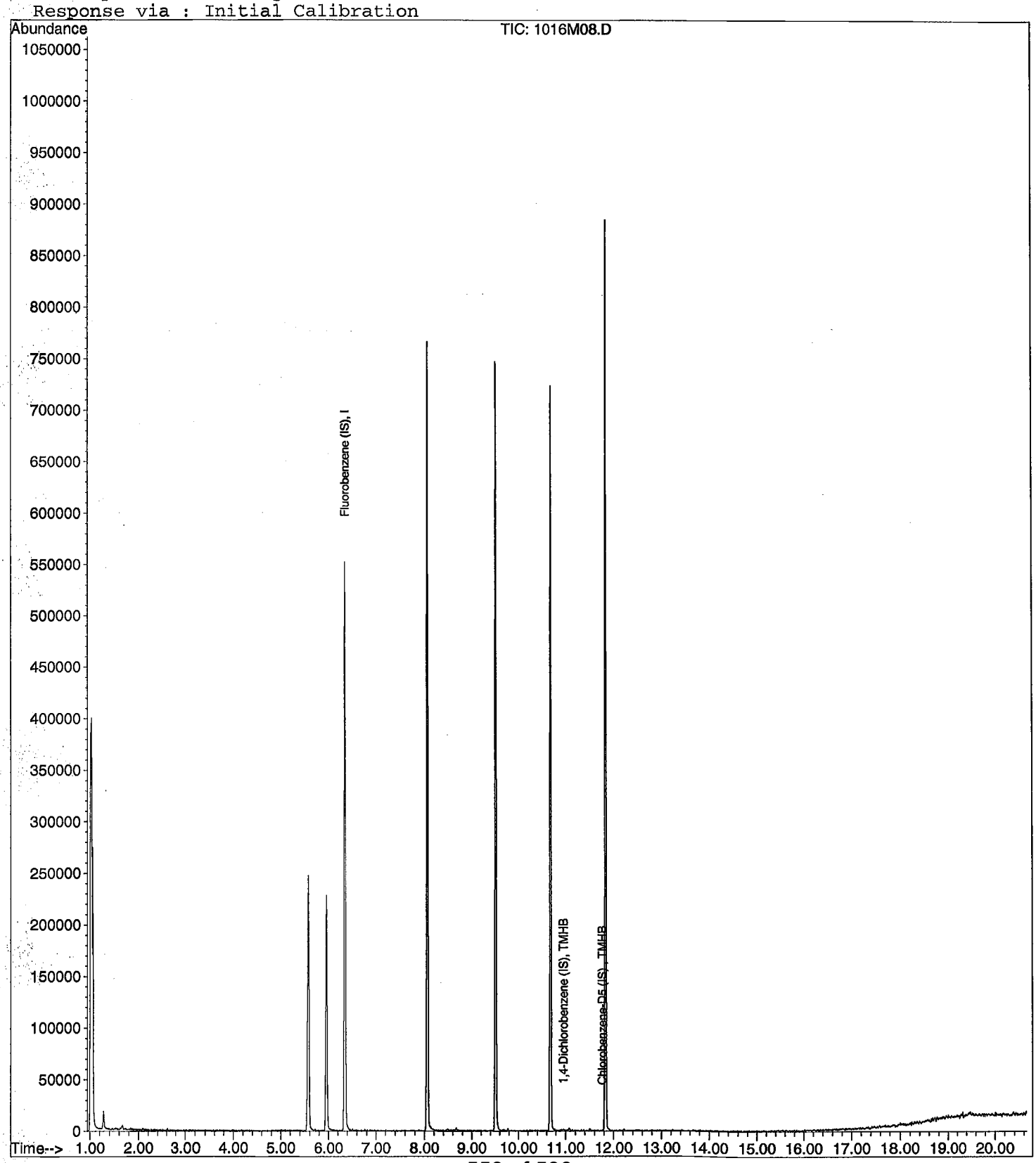
Quantitation Report

Data File : M:\MAX\DATA\211015\1016M08.D
Acq On : 16 Oct 21 16:46
Sample : 211016A BLK
Misc : IS&S 8/4/21

Vial: 8
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 24 10:02 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1016M06.D Vial: 6
Acq On : 16 Oct 21 15:49 Operator: LP,DG,CH
Sample : 211016A LCS 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:33 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.35	96	469682	25.00	ppb	0.13
4) Chlorobenzene-D5 (IS)	9.50	117	421570	25.00	ppb	0.09
7) 1,4-Dichlorobenzene-D (IS)	11.83	152	279371	25.00	ppb	0.08
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.57	111	141685	25.01	ppb	0.15
Spiked Amount 25.000			Recovery =	100.056%		
3) 1,2-DCA-D4(S)	5.96	65	91648	24.62	ppb	0.14
Spiked Amount 25.000			Recovery =	98.484%		
5) Toluene-D8(S)	8.06	98	480180	24.29	ppb	0.11
Spiked Amount 25.000			Recovery =	97.160%		
6) 4-Bromofluorobenzene(S)	10.68	95	195283	25.32	ppb	0.09
Spiked Amount 25.000			Recovery =	101.276%		

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1016M06.D Vial: 6
Acq On : 16 Oct 21 15:49 Operator: LP,DG,CH
Sample : 211016A LCS 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:01 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.35	TIC	541025	25.00	ppb	0.13
3) Chlorobenzene-D5 (IS)	11.75	TIC	565432m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	147249m	25.00	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	9.50	TIC	8287682m	308.37	ppb	100

(#) = qualifier out of range (m) = manual integration

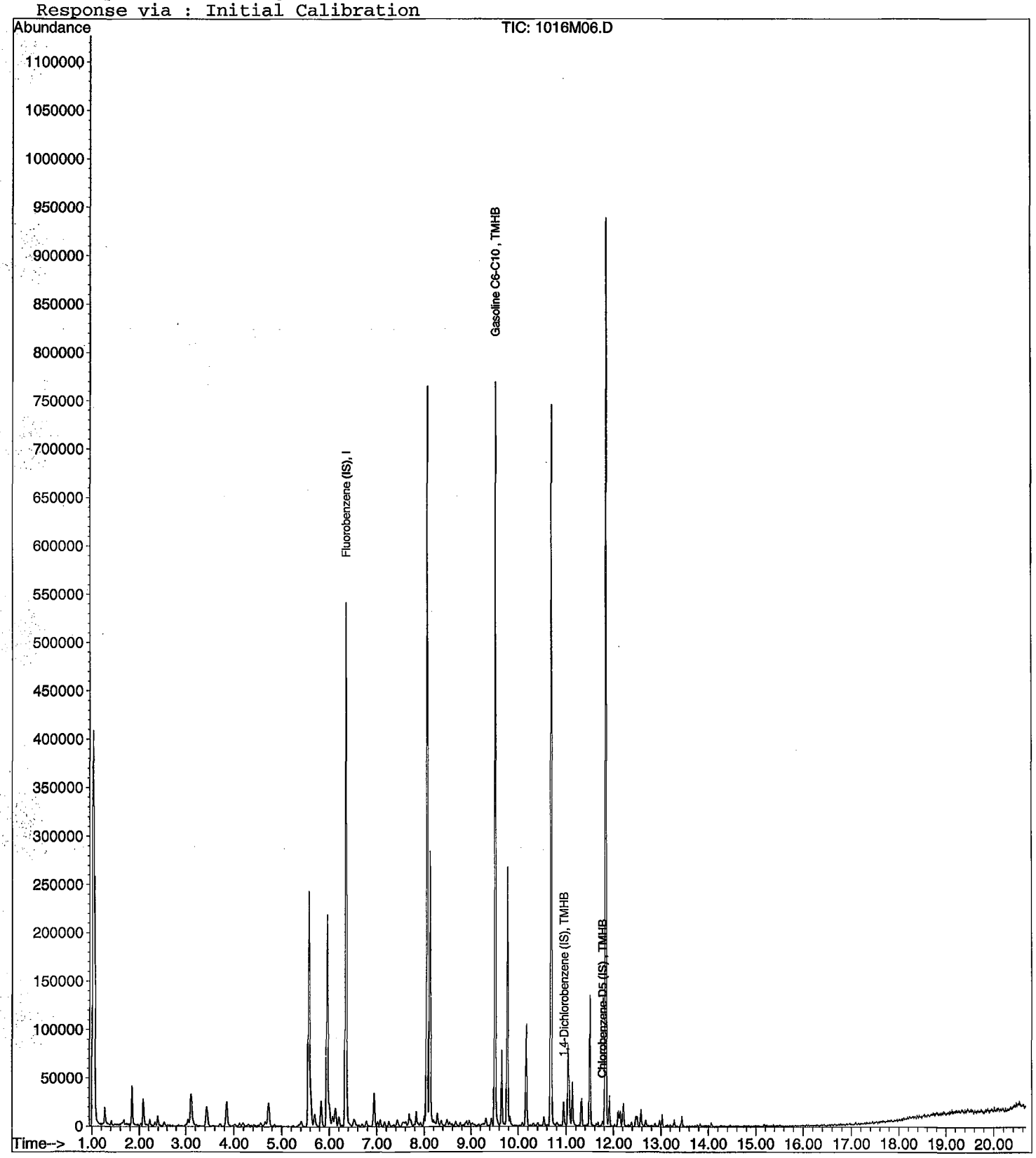
Quantitation Report

Data File : M:\MAX\DATA\211015\1016M06.D
Acq On : 16 Oct 21 15:49
Sample : 211016A LCS 300ug/L
Misc : IS&S 8/4/21

Vial: 6
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 24 10:01 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1016M07.D Vial: 7
Acq On : 16 Oct 21 16:17 Operator: LP,DG,CH
Sample : 211016A LCSD 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:01 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.35	TIC	566865	25.00	ppb	0.13
3) Chlorobenzene-D5 (IS)	11.75	TIC	562849m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	155662m	25.00	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	8.05	TIC	8724355m	313.22	ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1016M07.D Vial: 7
Acq On : 16 Oct 21 16:17 Operator: LP,DG,CH
Sample : 211016A LCSD 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:33 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.35	96	490091	25.00	ppb	0.13
4) Chlorobenzene-D5 (IS)	9.51	117	430437	25.00	ppb	0.09
7) 1,4-Dichlorobenzene-D (IS)	11.83	152	275024	25.00	ppb	0.08
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.57	111	143633	24.30	ppb	0.15
Spiked Amount 25.000			Recovery = 97.204%			
3) 1,2-DCA-D4(S)	5.96	65	97672	25.15	ppb	0.14
Spiked Amount 25.000			Recovery = 100.584%			
5) Toluene-D8(S)	8.05	98	486683	24.11	ppb	0.11
Spiked Amount 25.000			Recovery = 96.444%			
6) 4-Bromofluorobenzene(S)	10.68	95	198429	25.20	ppb	0.09
Spiked Amount 25.000			Recovery = 100.788%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

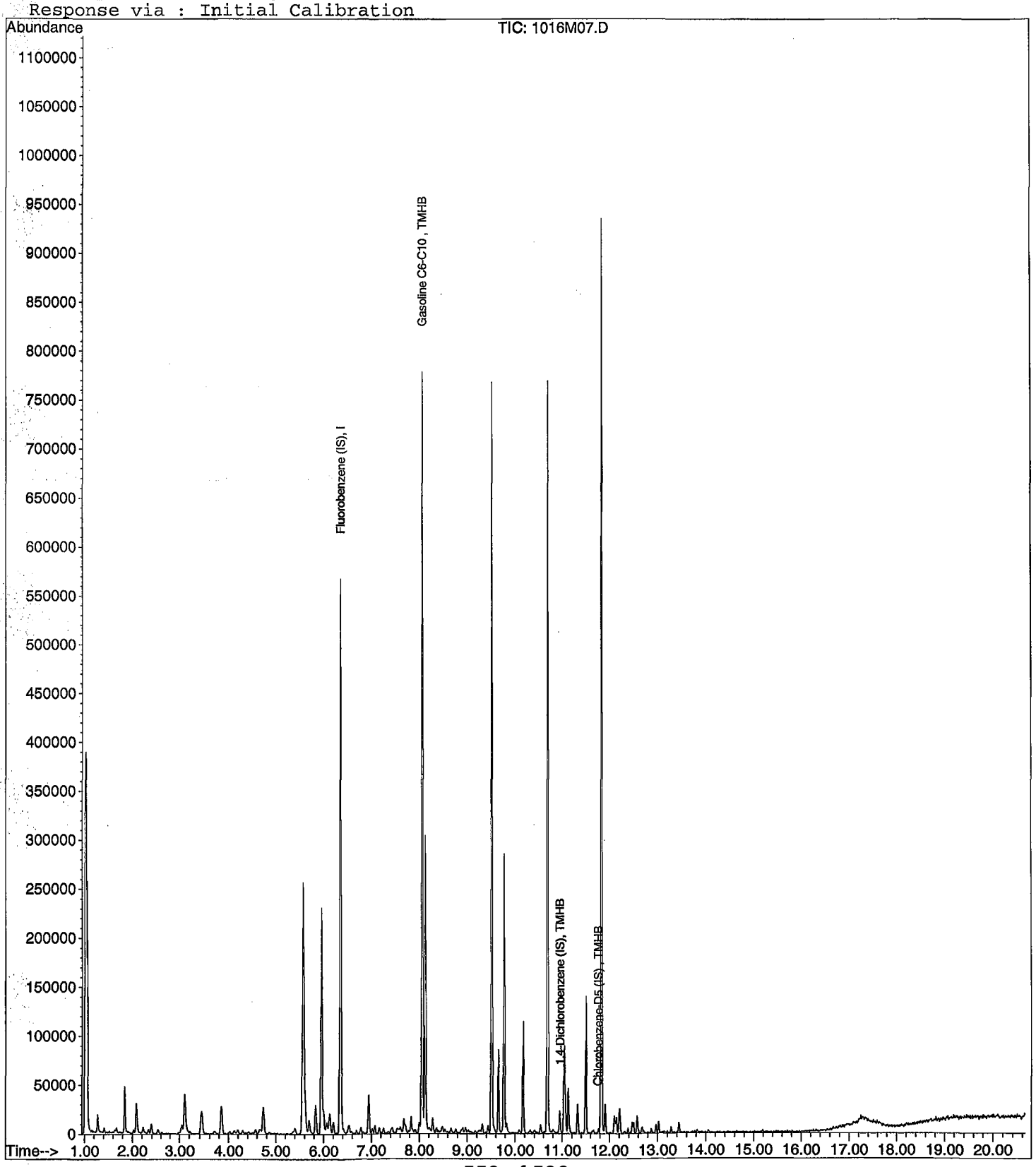
Quantitation Report

Data File : M:\MAX\DATA\211015\1016M07.D
Acq On : 16 Oct 21 16:17
Sample : 211016A LCSD 300ug/L
Misc : IS&S 8/4/21

Vial: 7
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 24 10:01 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1018M08.D Vial: 8
Acq On : 18 Oct 21 17:36 Operator: LP,DG,CH
Sample : 211018A BLK Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:04 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	TIC	427124	25.00 ppb	0.15
3) Chlorobenzene-D5 (IS)	11.75	TIC	429304m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	7416m	25.00 ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1018M08.D Vial: 8
Acq On : 18 Oct 21 17:36 Operator: LP,DG,CH
Sample : 211018A BLK Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:33 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	96	361422	25.00	ppb	0.15
4) Chlorobenzene-D5 (IS)	9.51	117	325488	25.00	ppb	0.10
7) 1,4-Dichlorobenzene-D (IS)	11.84	152	211610	25.00	ppb	0.09
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.58	111	113588	26.06	ppb	0.16
Spiked Amount 25.000			Recovery = 104.240%			
3) 1,2-DCA-D4(S)	5.97	65	76456	26.69	ppb	0.15
Spiked Amount 25.000			Recovery = 106.768%			
5) Toluene-D8(S)	8.07	98	378312	24.79	ppb	0.12
Spiked Amount 25.000			Recovery = 99.144%			
6) 4-Bromofluorobenzene(S)	10.69	95	150504	25.27	ppb	0.10
Spiked Amount 25.000			Recovery = 101.096%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

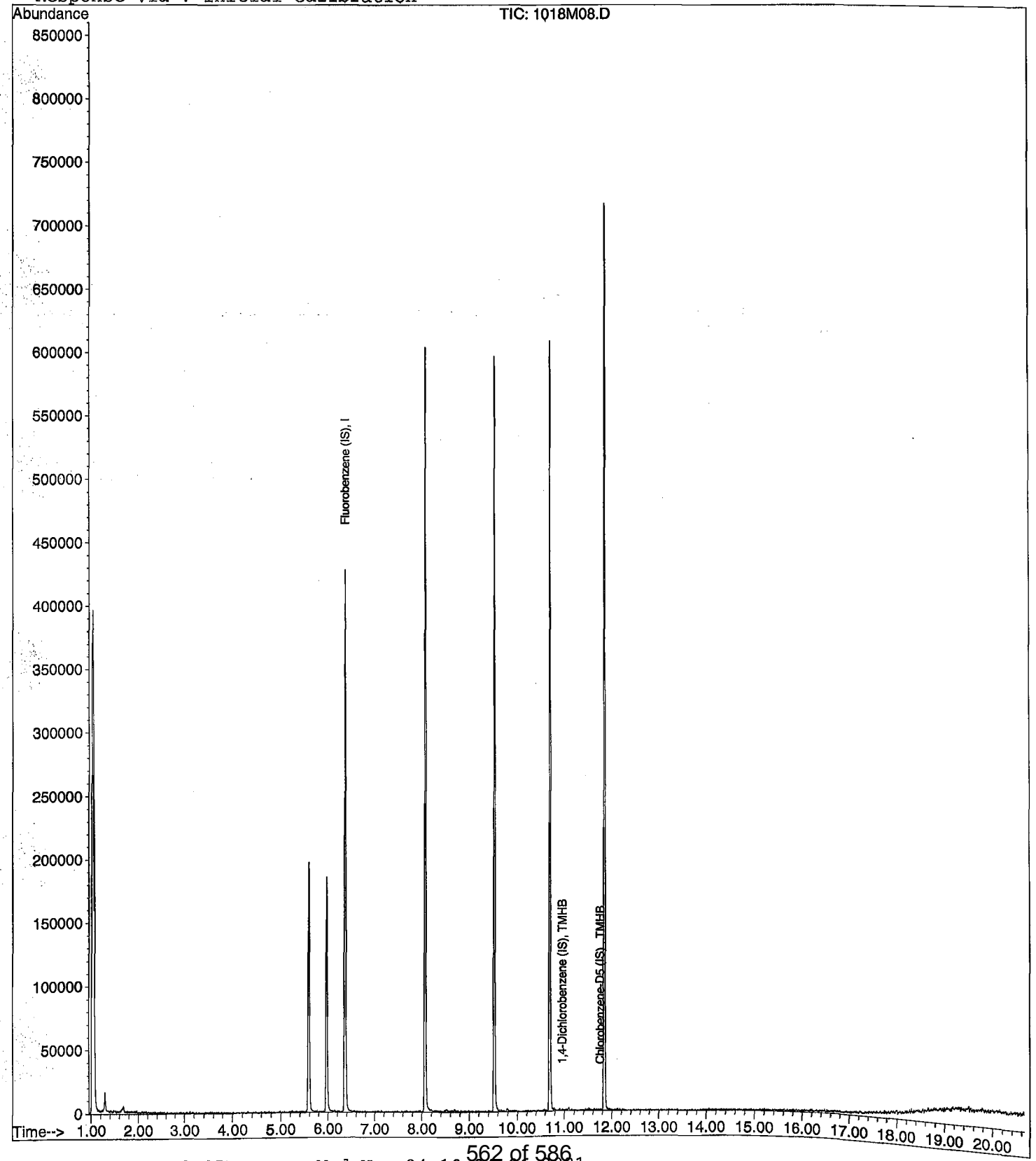
Data File : M:\MAX\DATA\211015\1018M08.D
Acq On : 18 Oct 21 17:36
Sample : 211018A BLK
Misc : IS&S 8/4/21

Vial: 8
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 24 10:04 2021

Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1018M06.D Vial: 6
Acq On : 18 Oct 21 16:40 Operator: LP,DG,CH
Sample : 211018A LCS 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:02 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	TIC	434982	25.00	ppb	0.15
3) Chlorobenzene-D5 (IS)	11.75	TIC	438351m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	121333m	25.00	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	9.51	TIC	6644224m	305.43	ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1018M06.D Vial: 6
Acq On : 18 Oct 21 16:40 Operator: LP,DG,CH
Sample : 211018A LCS 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:33 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	96	374709	25.00	ppb	0.15
4) Chlorobenzene-D5 (IS)	9.51	117	332248	25.00	ppb	0.10
7) 1,4-Dichlorobenzene-D (IS)	11.83	152	219007	25.00	ppb	0.09
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.58	111	114088	25.25	ppb	0.16
Spiked Amount 25.000			Recovery = 100.988%			
3) 1,2-DCA-D4(S)	5.97	65	80120	26.98	ppb	0.15
Spiked Amount 25.000			Recovery = 107.916%			
5) Toluene-D8(S)	8.07	98	380105	24.40	ppb	0.12
Spiked Amount 25.000			Recovery = 97.584%			
6) 4-Bromofluorobenzene(S)	10.69	95	154222	25.37	ppb	0.10
Spiked Amount 25.000			Recovery = 101.484%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

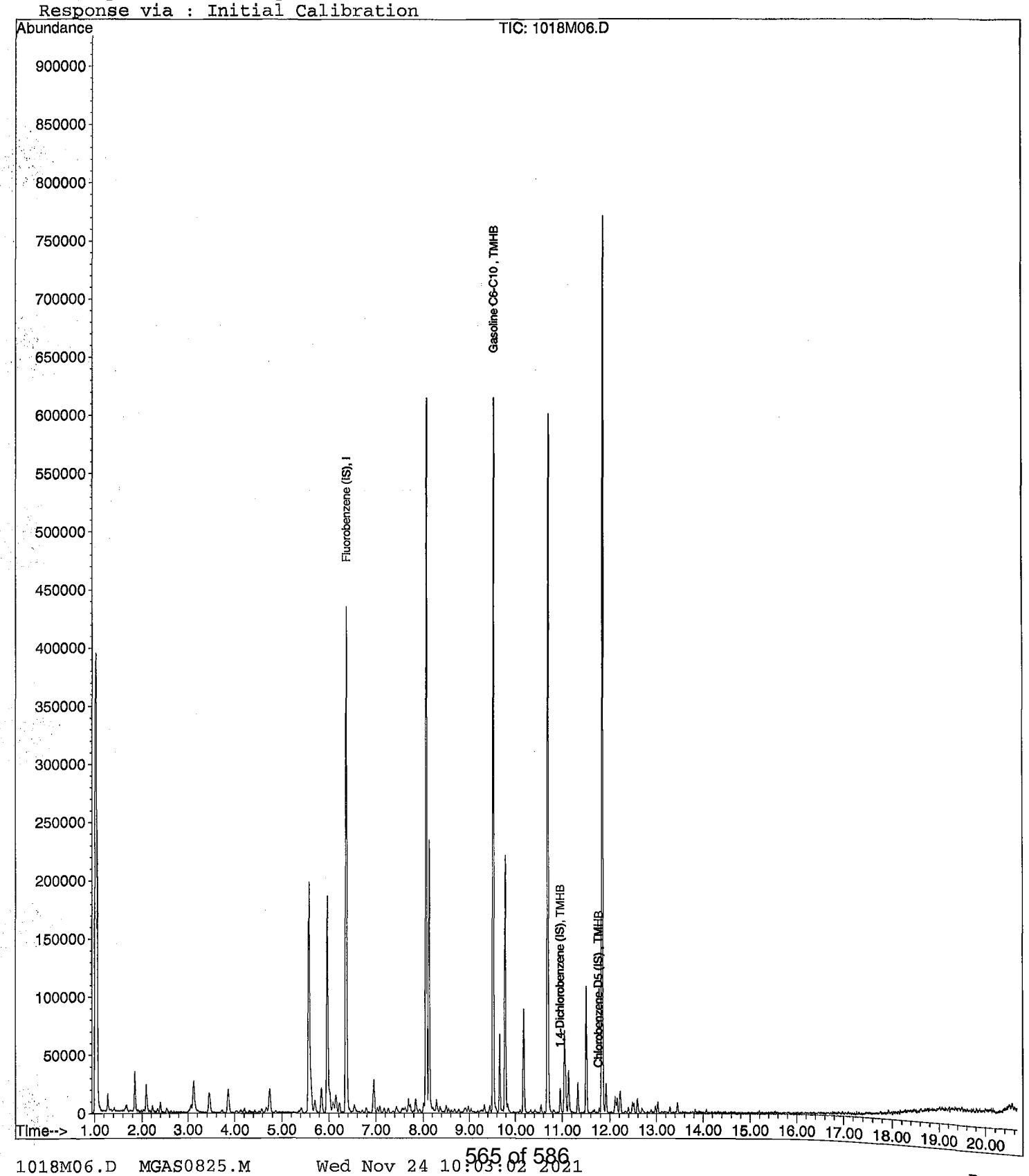
Quantitation Report

Data File : M:\MAX\DATA\211015\1018M06.D
Acq On : 18 Oct 21 16:40
Sample : 211018A LCS 300ug/L
Misc : IS&S 8/4/21

Vial: 6
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 24 10:02 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



1018M06.D MGAS0825.M Wed Nov 24 10:03:02 2021

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1018M07.D Vial: 7
Acq On : 18 Oct 21 17:08 Operator: LP,DG,CH
Sample : 211018A LCSD 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:03 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	TIC	439321	25.00 ppb	0.15
3) Chlorobenzene-D5 (IS)	11.75	TIC	460030m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	119691m	25.00 ppb	0.00
System Monitoring Compounds					
Target Compounds					Qvalue
2) Gasoline C6-C10	8.07	TIC	6703575m	304.37 ppb	100

(#) = qualifier out of range (m) = manual integration
1018M07.D MGAS0825.M Wed Nov 24 10:03:43 2021

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1018M07.D Vial: 7
Acq On : 18 Oct 21 17:08 Operator: LP,DG,CH
Sample : 211018A LCSD 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:33 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.36	96	369163	25.00	ppb	0.15
4) Chlorobenzene-D5 (IS)	9.51	117	335443	25.00	ppb	0.10
7) 1,4-Dichlorobenzene-D (IS)	11.84	152	218523	25.00	ppb	0.09
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.58	111	114700	25.76	ppb	0.16
Spiked Amount 25.000			Recovery = 103.052%			
3) 1,2-DCA-D4(S)	5.97	65	81520	27.86	ppb	0.15
Spiked Amount 25.000			Recovery = 111.452%			
5) Toluene-D8(S)	8.07	98	382343	24.31	ppb	0.12
Spiked Amount 25.000			Recovery = 97.224%			
6) 4-Bromofluorobenzene(S)	10.69	95	158684	25.86	ppb	0.10
Spiked Amount 25.000			Recovery = 103.428%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

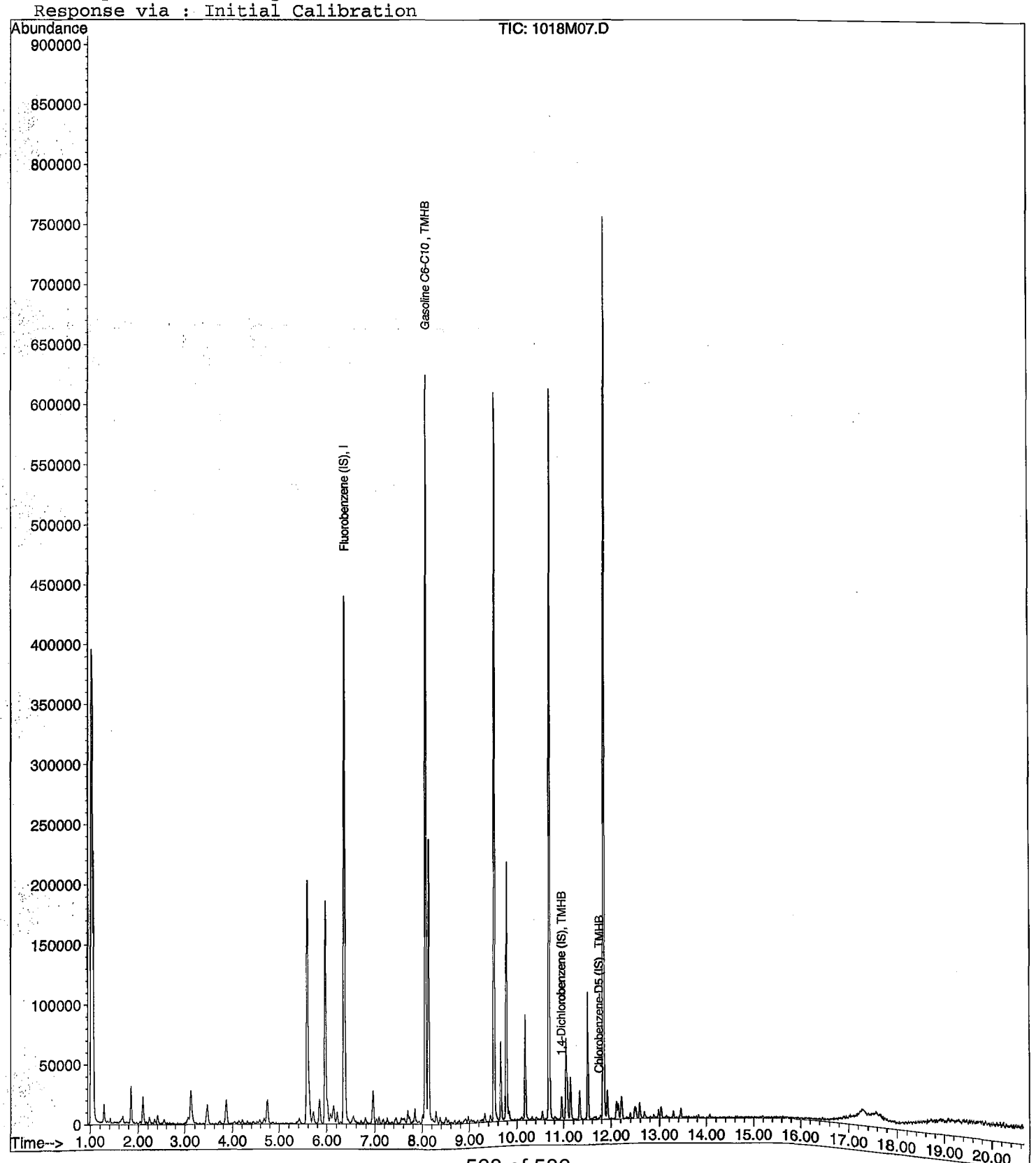
Quantitation Report

Data File : M:\MAX\DATA\211015\1018M07.D
Acq On : 18 Oct 21 17:08
Sample : 211018A LCSD 300ug/L
Misc : IS&S 8/4/21

Vial: 7
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 24 10:03 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1020M14.D Vial: 14
Acq On : 20 Oct 21 17:32 Operator: LP,DG,CH
Sample : 211020A BLK Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:08 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.37	TIC	427474	25.00	ppb	0.15
3) Chlorobenzene-D5 (IS)	11.75	TIC	1125938m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	5332m	25.00	ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1020M14.D Vial: 14
Acq On : 20 Oct 21 17:32 Operator: LP,DG,CH
Sample : 211020A BLK Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:33 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.37	96	364028	25.00	ppb	0.15
4) Chlorobenzene-D5 (IS)	9.52	117	334252	25.00	ppb	0.11
7) 1,4-Dichlorobenzene-D (IS)	11.84	152	210497	25.00	ppb	0.10
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.59	111	117389	26.74	ppb	0.17
Spiked Amount 25.000			Recovery = 106.956%			
3) 1,2-DCA-D4(S)	5.98	65	82912	28.74	ppb	0.16
Spiked Amount 25.000			Recovery = 114.956%			
5) Toluene-D8(S)	8.07	98	391736	24.99	ppb	0.12
Spiked Amount 25.000			Recovery = 99.968%			
6) 4-Bromofluorobenzene(S)	10.70	95	159167	26.03	ppb	0.10
Spiked Amount 25.000			Recovery = 104.112%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

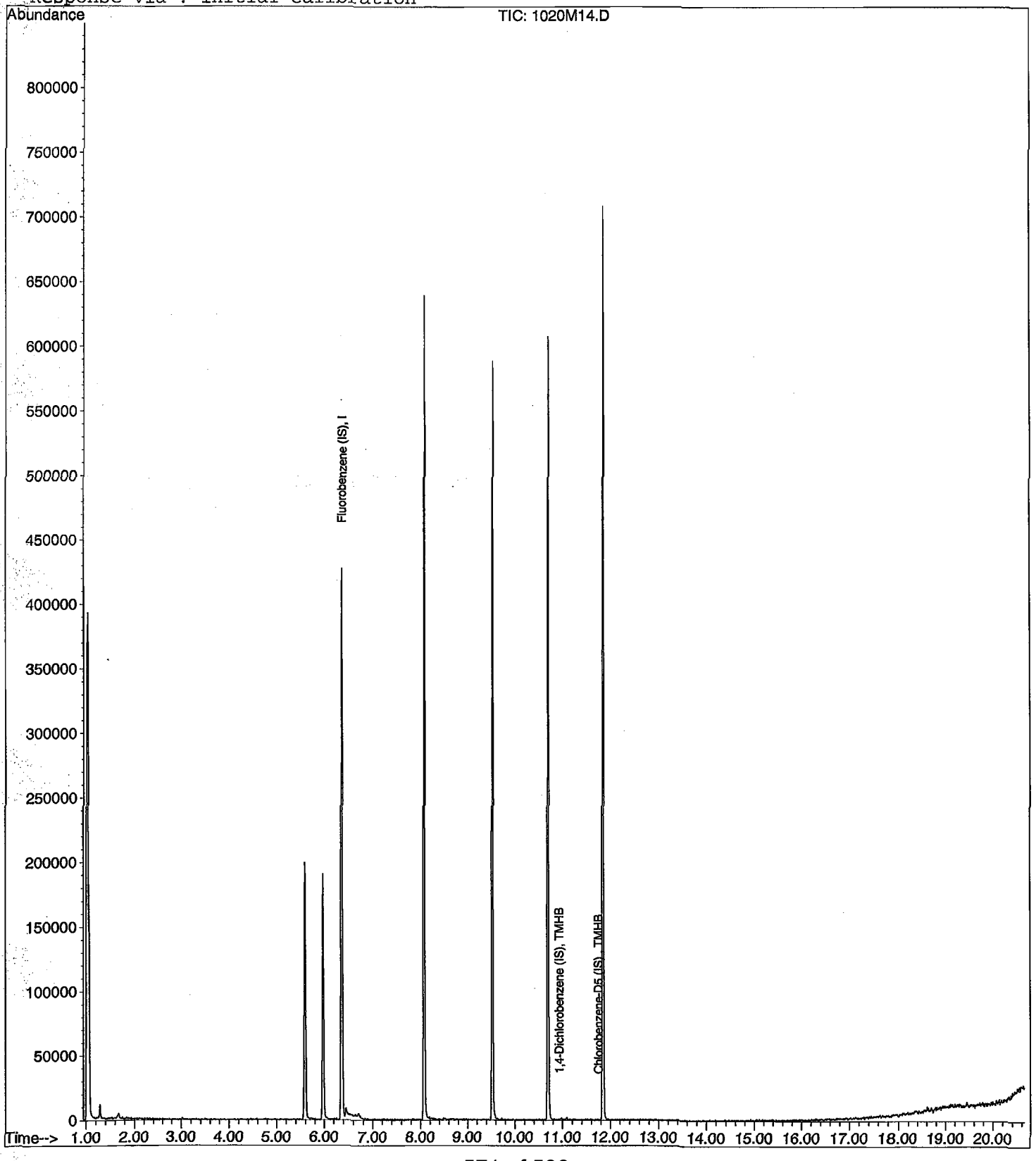
Quantitation Report

Data File : M:\MAX\DATA\211015\1020M14.D
Acq On : 20 Oct 21 17:32
Sample : 211020A BLK
Misc : IS&S 8/4/21

Vial: 14
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 24 10:08 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1020M10.D Vial: 10
Acq On : 20 Oct 21 15:38 Operator: LP,DG,CH
Sample : 211020A LCS 300ug/L MeOH Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:05 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.37	TIC	408358	25.00	ppb	0.15
3) Chlorobenzene-D5 (IS)	11.75	TIC	1151398m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	121024m	25.00	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	8.07	TIC	6346012m	323.29	ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1020M10.D Vial: 10
Acq On : 20 Oct 21 15:38 Operator: LP,DG,CH
Sample : 211020A LCS 300ug/L MeOH Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:33 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.37	96	341039	25.00	ppb	0.15
4) Chlorobenzene-D5 (IS)	9.52	117	319889	25.00	ppb	0.11
7) 1,4-Dichlorobenzene-D (IS)	11.84	152	212144	25.00	ppb	0.10
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.59	111	107545	26.15	ppb	0.17
Spiked Amount 25.000			Recovery = 104.592%			
3) 1,2-DCA-D4(S)	5.98	65	74832	27.69	ppb	0.16
Spiked Amount 25.000			Recovery = 110.744%			
5) Toluene-D8(S)	8.07	98	364882	24.32	ppb	0.12
Spiked Amount 25.000			Recovery = 97.296%			
6) 4-Bromofluorobenzene(S)	10.70	95	147397	25.19	ppb	0.10
Spiked Amount 25.000			Recovery = 100.740%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

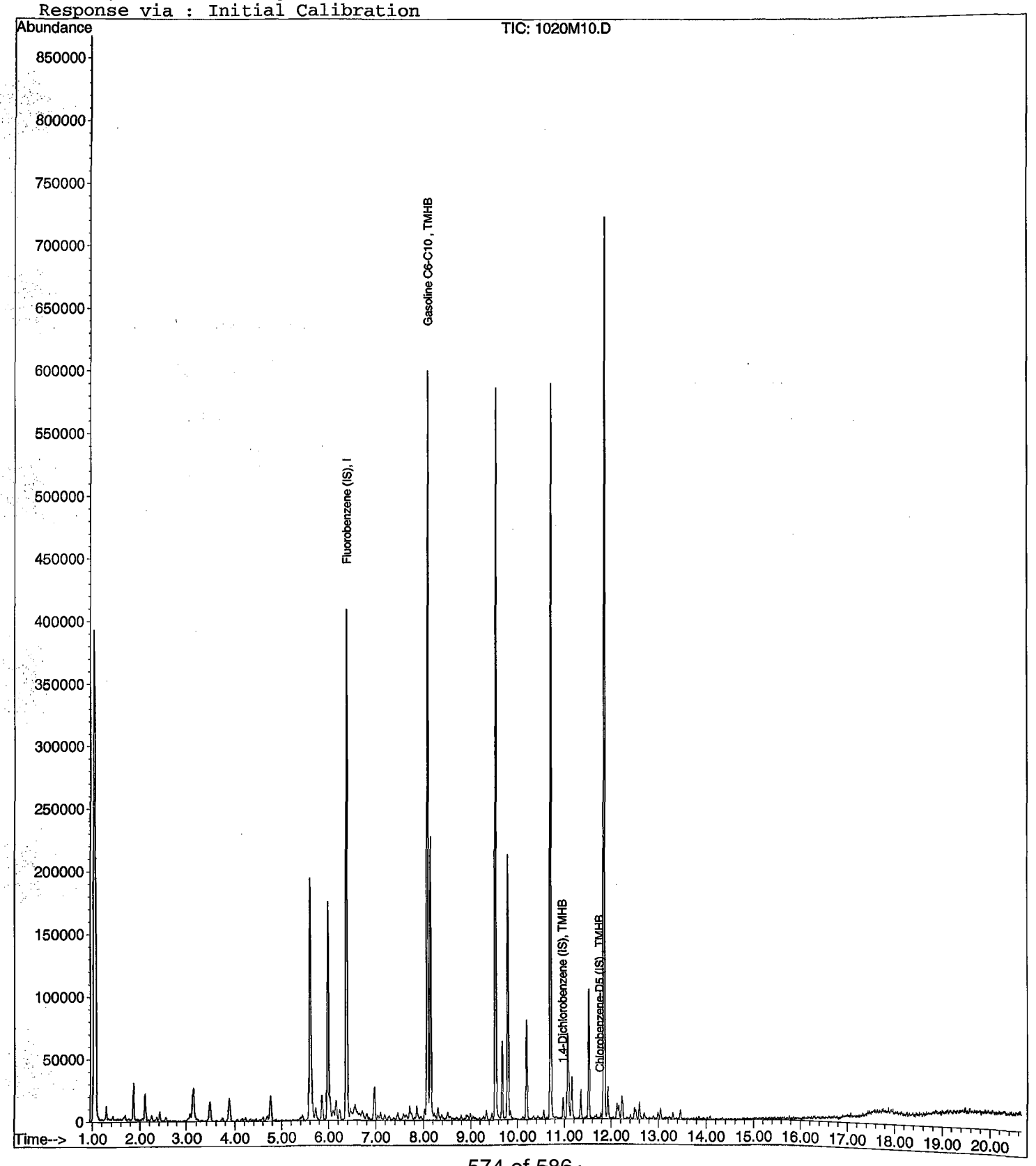
Quantitation Report

Data File : M:\MAX\DATA\211015\1020M10.D
Acq On : 20 Oct 21 15:38
Sample : 211020A LCS 300ug/L MeOH
Misc : IS&S 8/4/21

Vial: 10
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Nov 24 10:05 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1020M11.D Vial: 11
Acq On : 20 Oct 21 16:07 Operator: LP,DG,CH
Sample : 211020A LCSD 300ug/L MeOH Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:06 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.37	TIC	417126	25.00	ppb	0.15
3) Chlorobenzene-D5 (IS)	11.75	TIC	1146526m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	111749m	25.00	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	8.07	TIC	6414296m	312.33	ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1020M11.D Vial: 11
Acq On : 20 Oct 21 16:07 Operator: LP,DG,CH
Sample : 211020A LCSD 300ug/L MeOH Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:33 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.37	96	351357	25.00	ppb	0.15
4) Chlorobenzene-D5 (IS)	9.52	117	318739	25.00	ppb	0.11
7) 1,4-Dichlorobenzene-D (IS)	11.84	152	214049	25.00	ppb	0.10
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.59	111	112023	26.44	ppb	0.17
Spiked Amount 25.000			Recovery = 105.748%			
3) 1,2-DCA-D4(S)	5.98	65	76008	27.30	ppb	0.16
Spiked Amount 25.000			Recovery = 109.184%			
5) Toluene-D8(S)	8.07	98	360211	24.10	ppb	0.12
Spiked Amount 25.000			Recovery = 96.396%			
6) 4-Bromofluorobenzene(S)	10.70	95	150374	25.79	ppb	0.10
Spiked Amount 25.000			Recovery = 103.148%			

Target Compounds Qvalue

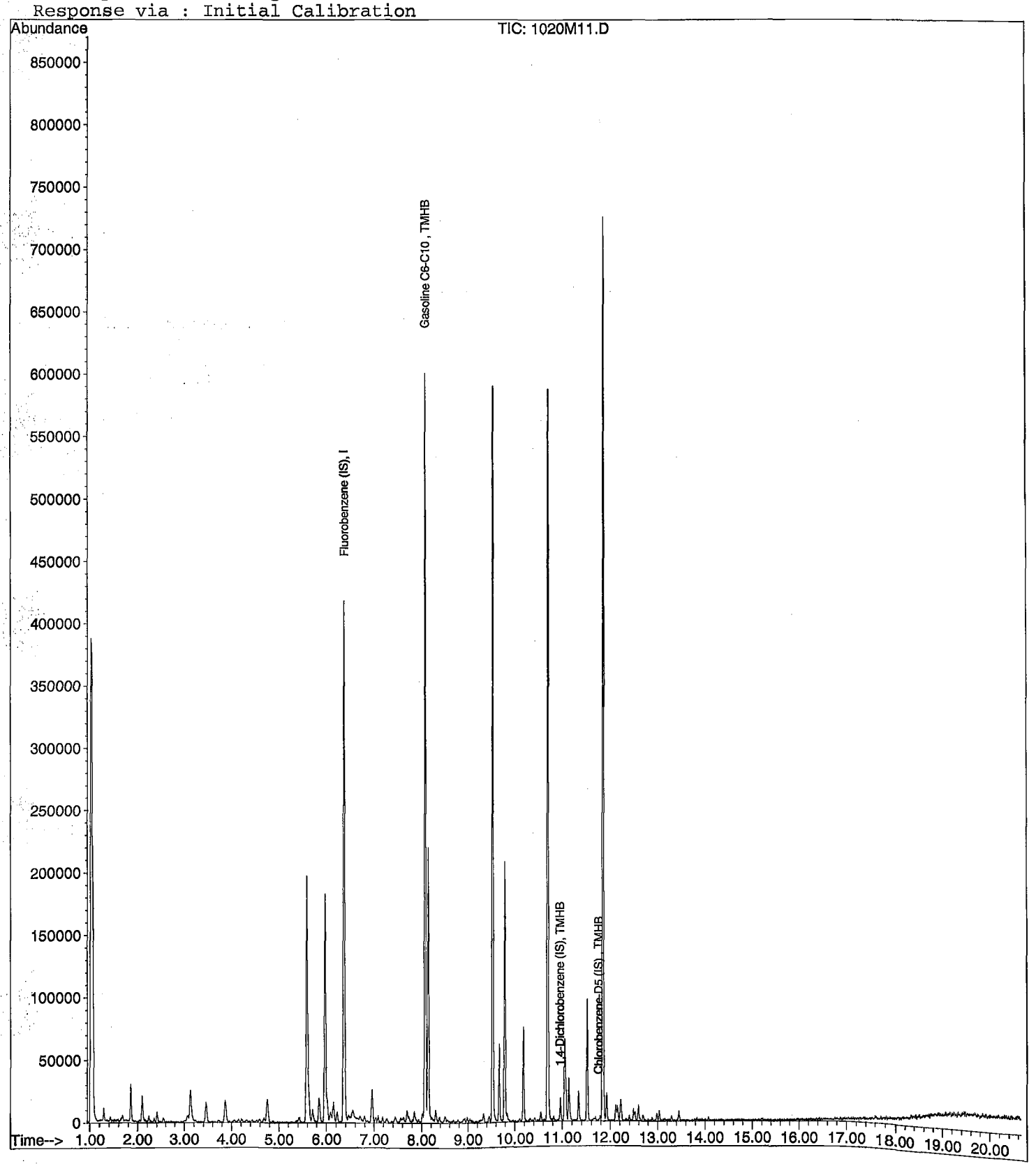
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1020M11.D Vial: 11
Acq On : 20 Oct 21 16:07 Operator: LP,DG,CH
Sample : 211020A LCSD 300ug/L MeOH Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 24 10:06 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\211015\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



MAX Gas Standard Prep

Gas Primary Working Standard

Prepared: 6/23/2021 — **Prepared By (Initials):** CH

Expires: 1/4/2022

Methanol Lot No.

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
50,000ug/mL Gas STD	Restek	30205	50,000	A0132443	1/4/2022	12/31/2024	80uL	2mL	Methanol	2,000

Gas Second Source (SS) Working Standard

Prepared: 3/31/2021 — **Prepared By (Initials):** CH

Expires: 1/31/1930

Methanol Lot No.

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Gasoline (50,000ppm)	Phenova	ALO-101543	50,000	CL14915-51175	1/4/2022	1/31/1930	80uL	2mL	Methanol	2,000

MAX Gas Calibration Curve

Prepared: 8/25/2021 — **Prepared By (Initials):** CH

Expires: 10/24/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA Gasses Standards	Phenova	20ug/L	2,000	Prepared 06/23/21	1/4/2022	N/A	1uL	100mL	P&T Water	20
VOA Gasses Standards	Phenova	50ug/L	2,000	Prepared 06/23/21	1/4/2022	N/A	2.5uL	100mL	P&T Water	50
VOA Gasses Standards	Phenova	100ug/L	2,000	Prepared 06/23/21	1/4/2022	N/A	5uL	100mL	P&T Water	100
VOA Gasses Standards	Phenova	300ug/L	2,000	Prepared 06/23/21	1/4/2022	N/A	15uL	100mL	P&T Water	300
VOA Gasses Standards	Phenova	600ug/L	2,000	Prepared 06/23/21	1/4/2022	N/A	30uL	100mL	P&T Water	600
VOA Gasses Standards	Phenova	800ug/L	2,000	Prepared 06/23/21	1/4/2022	N/A	40uL	100mL	P&T Water	800
VOA Gasses Standards	Phenova	1,000ug/L	2,000	Prepared 06/23/21	1/4/2022	N/A	50uL	100mL	P&T Water	1,000

Zeus Gas Second Source

Prepared: 8/25/2021 — **Prepared By (Initials):** CH

Expires: 10/24/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
50,000ug/mL Gas STD	Phenova	SS 300ug/L	2,000	Prepared 03/31/21	1/31/1930	N/A	15uL	100mL	P&T Water	300

MAX Gas Continuing Calibrations/Lab Control Spikes

Prepared: 8/25/2021 — **Prepared By (Initials):** CH

Expires: 8/26/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA Gasses Standards	Phenova	300ug/L	2,000	Prepared 06/23/21	1/4/2022	N/A	15uL	100mL	P&T Water	300

MAX 8260 Standard Prep

MAX 8260 Water Calibration Curve

Prepared By (Initials): CH

0.3ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 9	Various	0.3ug/L	5	Prepared 08/24/21	10/23/2021	N/A	3uL	50mL	P&T Water	0.3
VOA STD. 1	Absolute		50	Prepared 08/24/21	10/23/2021	N/A	5uL			5
VOA STD. 2	Phenova		100	Prepared 08/24/21	10/23/2021	N/A	2.5uL			5
VOA STD. TBA	Various		250	Prepared 08/24/21	9/8/2021	N/A	2uL			10

0.5ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 9	Various	0.5ug/L	5	Prepared 08/24/21	10/23/2021	N/A	5uL	50mL	P&T Water	0.5
VOA STD. 1	Absolute		50	Prepared 08/24/21	10/23/2021	N/A	10uL			10
VOA STD. 2	Phenova		100	Prepared 08/24/21	10/23/2021	N/A	5uL			10
VOA STD. TBA	Various		250	Prepared 08/24/21	9/8/2021	N/A	5uL			25

1.0ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 9	Various	1.0ug/L	5	Prepared 08/24/21	10/23/2021	N/A	10uL	50mL	P&T Water	1
VOA STD. 1	Absolute		50	Prepared 08/24/21	10/23/2021	N/A	20uL			20
VOA STD. 2	Phenova		100	Prepared 08/24/21	10/23/2021	N/A	10uL			20
VOA STD. TBA	Various		250	Prepared 08/24/21	9/8/2021	N/A	10uL			50

2.0ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 9	Various	2.0ug/L	5	Prepared 08/24/21	10/23/2021	N/A	20uL	50mL	P&T Water	2
VOA STD. 1	Absolute		50	Prepared 08/24/21	10/23/2021	N/A	30uL			30
VOA STD. 2	Phenova		100	Prepared 08/24/21	10/23/2021	N/A	15uL			30
VOA STD. TBA	Various		250	Prepared 08/24/21	9/8/2021	N/A	15uL			75

5ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 7	Various	5ug/L	50	Prepared 08/24/21	10/23/2021	N/A	5uL	50mL	P&T Water	5
VOA STD. 8	Phenova		50	Prepared 08/24/21	9/8/2021	N/A	5uL			5
VOA STD. 1	Absolute		50	Prepared 08/24/21	10/23/2021	N/A	40uL			40
VOA STD. 2	Phenova		100	Prepared 08/24/21	10/23/2021	N/A	20uL			20
VOA STD. TBA	Various		250	Prepared 08/24/21	9/8/2021	N/A	20uL			100

10ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 7	Various	10ug/L	50	Prepared 08/24/21	10/23/2021	N/A	10uL	50mL	P&T Water	10
VOA STD. 8	Phenova		50	Prepared 08/24/21	9/8/2021	N/A	10uL			10
VOA STD. 1	Absolute		50	Prepared 08/24/21	10/23/2021	N/A	50uL			50
VOA STD. 2	Phenova		100	Prepared 08/24/21	10/23/2021	N/A	25uL			50
VOA STD. TBA	Various		250	Prepared 08/24/21	9/8/2021	N/A	25uL			125

20ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 7	Various	20ug/L	50	Prepared 08/24/21	10/23/2021	N/A	20uL	50mL	P&T Water	20
VOA STD. 8	Phenova		50	Prepared 08/24/21	9/8/2021	N/A	20uL			20
VOA STD. 1	Absolute		50	Prepared 08/24/21	10/23/2021	N/A	60uL			60
VOA STD. 2	Phenova		100	Prepared 08/24/21	10/23/2021	N/A	30uL			60
VOA STD. TBA	Various		250	Prepared 08/24/21	9/8/2021	N/A	30uL			150

40ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 7	Various	40ug/L	50	Prepared 08/24/21	10/23/2021	N/A	40uL	50mL	P&T Water	40
VOA STD. 8	Phenova		50	Prepared 08/24/21	9/8/2021	N/A	40uL			40
VOA STD. 1	Absolute		50	Prepared 08/24/21	10/23/2021	N/A	80uL			80
VOA STD. 2	Phenova		100	Prepared 08/24/21	10/23/2021	N/A	40uL			80
VOA STD. TBA	Various		250	Prepared 08/24/21	9/8/2021	N/A	35uL			175

100ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 7	Various	100ug/L	50	Prepared 08/24/21	10/23/2021	N/A	100uL	50mL	P&T Water	100
VOA STD. 8	Phenova		50	Prepared 08/24/21	9/8/2021	N/A	100uL			100
VOA STD. 1	Absolute		50	Prepared 08/24/21	10/23/2021	N/A	100uL			100
VOA STD. 2	Phenova		100	Prepared 08/24/21	10/23/2021	N/A	50uL			100
VOA STD. TBA	Various		250	Prepared 08/24/21	9/8/2021	N/A	40uL			200

MAX 8260 Water Second Source (SS)

Prepared: 8/25/2021

Prepared By (Initials): CH

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 3	Phenova	8260 Water SS	100	Prepared 08/24/21	10/23/2021	N/A	25uL	50mL	P&T Water	50
VOA STD. GASES	Phenova	8260 Water SS	50	Prepared 08/24/21	10/23/2021	N/A	10uL			10
VOA STD. 0	Phenova	8260 Water SS	50	Prepared 08/24/21	10/23/2021	N/A	10uL			10
VOA STD. 2-CEVE	Absolute	8260 Water SS	50	Prepared 08/24/21	8/24/2021	N/A	50uL			50
VOA STD. 6	Various	8260 Water SS	50	Prepared 08/24/21	9/8/2021	N/A	10uL			10
Voa STD. TBA	Various	8260 Water SS	250	Prepared 08/24/21	9/8/2021	N/A	25uL			250

8260 Water Continuing Calibrations (CCV)/ Lab Control Spikes (LCS)

Prepared: 8/25/2021

Prepared By (Initials): CH

Expires: 8/26/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 7	Various	CCV/ LCS	50	Prepared 08/24/21	10/23/2021	N/A	10uL	50mL	P&T Water	10
VOA STD. 8	Phenova	CCV/ LCS	50	Prepared 08/24/21	9/8/2021	N/A	10uL			10
VOA STD. 1	Absolute	CCV/ LCS	50	Prepared 08/24/21	10/23/2021	N/A	50uL			50
VOA STD. 2	Phenova	CCV/ LCS	100	Prepared 08/24/21	10/23/2021	N/A	25uL			50
VOA STD. TBA	Various	CCV/ LCS	250	Prepared 08/24/21	9/8/2021	N/A	25uL			250

Primary and Secondary Working Standards

Primary Standards

VOA STD 7

Prepared: 8/24/2021 A
Expires: 10/23/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA Gasses STD	Phenova	ALO-101206	2,000	CL15768-52733	8/24/2022	9/30/2025	100uL	4mL	Methanol	50
Hexachloroethane	Absolute	70199	1,000	021621-52800	8/24/2022	2/16/2026	200uL			50
Benzyl Chloride	Absolute	70037	1,000	052521-52804	8/24/2022	5/25/2022	200uL			50

VOA STD 8

Prepared: 8/24/2021 B
Expires: 9/8/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA Additions STD	Phenova	ALO-130175	2,000	CL15724-52556	8/24/2022	8/31/2022	100uL	4mL	Methanol	50
502.2 Cal. Std.	Phenova	ALO-101200	2,000	CL16071-52751	8/24/2022	11/30/2025	100uL			50
Vinyl Acetate	Phenova	ALO-101228	2,000	CL17236-52870	8/11/2022	9/8/2021	100uL			50

VOA STD TBA

Prepared: 8/24/2021 C
Expires: 9/8/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Custom VOC Mix	Phenova	ALO-130176	2,000	CL16012-52760	8/24/2022	11/30/2023	500uL	4mL	Methanol	250
Acrolein	Phenova	ALO-130549	10,000	CL17239-52872	8/11/2022	9/8/2021	100uL			250

VOA STD 1

Prepared: 8/24/2021 D
Expires: 10/23/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
2-CEVE	Absolute	82408	2,000	052521-52616	8/3/2022	5/25/2024	50	2mL	Methanol	50

VOA STD 2

Prepared: 8/24/2021 E
Expires: 10/23/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Ketones Std.	Phenova	ALO-109211	2,000	CL16067-52768	8/24/2022	11/30/2030	200	4mL	Methanol	100

VOA STD 9

Prepared: 8/24/2021 F
Expires: 10/23/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA STD. 7		VOA STD. 9	50	Prepared 08/24/21	8/24/2022	N/A	200uL	2mL	Methanol	5
VOA STD. 8			50	Prepared 08/24/21	8/24/2022	N/A	200uL			5

VOA STD. 10

Prepared: 8/24/2021 G
Expires: 10/23/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA STD. 1		VOA STD. 10	50	Prepared 08/24/21	8/24/2022	N/A	200uL	2mL	Methanol	5

VOA STD. 12

Prepared: 8/24/2021 H
Expires: 10/23/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA STD. 2		VOA STD. 12	50	Prepared 08/24/21	8/24/2022	N/A	200uL	2mL	Methanol	5

Second Source (SS) Standards

VOA STD. 3

Prepared: 8/24/2021 I
Expires: 10/23/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Ketones Standard	Phenova	ALO-101211	2,000	CL16074-52773	8/24/2022	11/30/2030	100uL	2mL	Methanol	100

VOA STD. Gases

Prepared: 8/24/2021 J
Expires: 10/23/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
8260 Gases (SS)	Phenova	ALO-101206	2,000	CL15769-52735	8/24/2022	9/30/2025	50uL	2mL	Methanol	50

VOA STD. 6

Prepared: 8/24/2021 K
Expires: 9/8/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
502.2 Calibration STD. (54-compounds)	Phenova	ALO-101200	2,000	CL16052-52755	8/24/2022	11/30/2025	50uL	2mL	Methanol	50
Vinyl Acetate	Phenova	ALO-101228	2,000	CL17236-52871	8/11/2022	9/8/2021	50uL			50
Hexachloroethane	Accustand	AS-E0011	1,000	219061767-52783	8/24/2022	6/28/2029	100uL			50
Benzyl Chloride	Accustand	M-8010-01	200	219111303-01-52787	8/24/2022	1/30/2023	500uL			50

VOA STD. TBA

Prepared: 8/24/2021 L
Expires: 9/8/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Custom VOA Mix (4-3)	Phenova	ALO-130176	2,000	CL15725-52764	8/24/2022	9/30/2023	250uL	2mL	Methanol	250
Acrolein	Phenova	ALO-101224	10,000	CL17239-52873	8/11/2022	9/8/2021	50uL			250

VOA STD. 0

Prepared: 8/24/2021 M
Expires: 10/23/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA Addition STD.	Phenova	ALO-130175	2,000	CL15724-52748	8/24/2022	9/30/2022	50uL	2mL	Methanol	50

VOA STD. 2-CEVE

Prepared: 8/24/2021 N
Expires: 10/23/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
2-CEVE (SS)	Absolute	82408	2,000	011320-52810	8/3/2022	1/13/2023	50uL	2mL	Methanol	50

Injection Log

Directory: M:\MAX\DATA\210825\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	2	0825M12.D	1	0.3ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 15:15
2	3	0825M13.D	1	0.5ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 15:43
3	4	0825M14.D	1	1ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 16:11
4	5	0825M15.D	1	2ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 16:39
5	6	0825M16.D	1	5ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 17:07
6	7	0825M17.D	1	10ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 17:35
7	8	0825M18.D	1	20ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 18:03
8	9	0825M19.D	1	40ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 18:31
9	10	0825M20.D	1	100ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 18:59
10	13	0825M23.D	1	20ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 20:23
11	14	0825M24.D	1	50ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 20:51
12	15	0825M25.D	1	100ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 21:19
13	16	0825M26.D	1	300ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 21:47
14	17	0825M27.D	1	600ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 22:14
15	18	0825M28.D	1	800ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 22:42
16	19	0825M29.D	1	1000ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 23:10
17	21	0825M31.D	1	(SS) 300ug/L GAS STD 8/25/21	IS&S 6/4/21	26 Aug 21 00:06
1	5	1016M05.D	1	211016A CCV 300ug/L	IS&S 8/4/21	16 Oct 21 15:20
2	6	1016M06.D	1	211016A LCS 300ug/L	IS&S 8/4/21	16 Oct 21 15:49
3	7	1016M07.D	1	211016A LCSD 300ug/L	IS&S 8/4/21	16 Oct 21 16:17
4	8	1016M08.D	1	211016A BLK	IS&S 8/4/21	16 Oct 21 16:46
5	23	1016M23.D	1	BA42511W01	IS&S 8/4/21	16 Oct 21 23:51
6	24	1016M24.D	1	BA42512W01	IS&S 8/4/21	17 Oct 21 00:20
7	5	1018M05.D	1	211018A CCV 300ug/L	IS&S 8/4/21	18 Oct 21 16:11
8	6	1018M06.D	1	211018A LCS 300ug/L	IS&S 8/4/21	18 Oct 21 16:40
9	7	1018M07.D	1	211018A LCSD 300ug/L	IS&S 8/4/21	18 Oct 21 17:08
10	8	1018M08.D	1	211018A BLK	IS&S 8/4/21	18 Oct 21 17:36
11	9	1018M09.D	1	BA42514W01	IS&S 8/4/21	18 Oct 21 18:05
12	10	1018M10.D	1	BA42515W01	IS&S 8/4/21	18 Oct 21 18:33
13	11	1018M11.D	1	BA42516W01	IS&S 8/4/21	18 Oct 21 19:02
14	12	1018M12.D	1	BA42517W01	IS&S 8/4/21	18 Oct 21 19:30
15	13	1018M13.D	1	BA42518W01	IS&S 8/4/21	18 Oct 21 19:59
16	28	1018M28.D	1	Ending CCV 300ug/L 10/18/21	IS&S 8/4/21	19 Oct 21 3:03
17	9	1020M09.D	1	211020A CCV 300ug/L	IS&S 8/4/21	20 Oct 21 15:10
18	10	1020M10.D	50	211020A LCS 300ug/L MeOH	IS&S 8/4/21	20 Oct 21 15:38
19	11	1020M11.D	50	211020A LCSD 300ug/L MeOH	IS&S 8/4/21	20 Oct 21 16:07
20	14	1020M14.D	1	211020A BLK	IS&S 8/4/21	20 Oct 21 17:32
21	15	1020M15.D	1	BA42513W02	IS&S 8/4/21	20 Oct 21 18:00
22	27	1020M27.D	1	Ending CCV 300ug/L 10/20/21	IS&S 8/4/21	20 Oct 21 23:41

INORGANIC ANALYSIS
Calibration and Raw Data

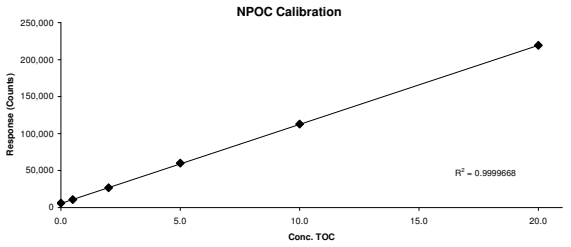
TOTAL ORGANIC CARBON

Method: WetChem | Units mg/L | Instrument: Tic Toc

Analyte: TOC | QCG: 211013A

Analyist: EA | Final Volume: 40mL

Date	Time	Appl ID	[TOC]	Raw	% Recovery
6/28/2021	15:15	QC blank	0.00	5899	
6/28/2021	17:33	Ical 1	0.50	10615	
6/28/2021	18:12	Ical 2	2.00	26885	
6/28/2021	18:51	Ical 3	5.00	59905	
6/28/2021	19:30	Ical 4	10.00	113075	
6/28/2021	20:09	Ical 5	20.00	219175	
6/28/2021	20:49	ICB	0.09	4232	
6/28/2021	21:28	ICV	10.76	118257	107.6%



Date	Time	Appl ID	DF	Raw Result	SubSample Amount	Filter Blank Subtract	Calc Conc	Result	Range (mg/L)	QC True	% Recovery
2021-10-12	11:29 AM	QCB	1	6794	40mL	0.000	0	0.00	0.00		
2021-10-12	12:09 PM	CCV	1	50465	40mL	0.000	4.088	4.09	0.28	5.00	81.8%
2021-10-12	12:49 PM	211012A CCB	1	2641	40mL	0.000	0	0.00	0.00		
2021-10-12	02:09 PM	211012A LCSD	1	61047	40mL	0.000	5.077	5.08	0.07	5.00	101.5%
2021-10-12	02:50 PM	BA39639W06 TOC	1	57598	40mL	0.000	5.08	5.08	0.16		
2021-10-12	04:05 PM	BA39638W06 TOC	1	56579	40mL	0.000	4.985	4.99	0.83		
2021-10-12	05:21 PM	BA39637W06 TOC	1	4013	40mL	0.000	0.065	0.07	0.08		
2021-10-12	06:33 PM	211012A LCS	1	54515	40mL	0.000	4.466	4.47	0.52	5.00	89.3%
2021-10-12	07:50 PM	BA39497W01 TOC	1	41220	40mL	0.000	3.547	3.55	0.80		
2021-10-12	09:07 PM	BA39500W01 TOC	1	4583	40mL	0.000	0.118	0.12	0.10		
2021-10-12	10:20 PM	CCV	1	61146	40mL	0.000	5.087	5.09	0.02	5.00	101.7%
2021-10-12	11:00 PM	211012B CCB	1	2704	40mL	0.000	0	0.00	0.00		
2021-10-12	11:40 PM	BA42230W05	1	52352	40mL	0.000	4.589	4.59	6.76		
2021-10-13	12:19 AM	BA42228W05	1	13901	40mL	0.000	0.991	0.99	1.70		
2021-10-13	12:56 AM	BA42231W06	1	8560	40mL	0.000	0.51	0.51	0.98		
2021-10-13	01:34 AM	BA42512W05	1	46238	40mL	0.000	4.017	4.02	0.84		
2021-10-13	02:13 AM	BA42514W06	1	62184	40mL	0.000	5.509	5.51	1.11		
2021-10-13	02:52 AM	BA42516W06	1	82076	40mL	0.000	7.371	7.37	1.80		
2021-10-13	03:31 AM	BA42518W06	1	14760	40mL	0.000	1.071	1.07	0.18		
2021-10-13	04:09 AM	BA42524W05	1	5436	40mL	0.000	0.198	0.20	0.13		
2021-10-13	04:45 AM	BA42527W06	1	5953	40mL	0.000	0.247	0.25	0.02		
2021-10-13	05:22 AM	CCV	1	62300	40mL	0.000	5.195	5.20	0.09	5.00	103.9%
2021-10-13	06:02 AM	211004C CCB	1	2820	40mL	0.000	0	0.00	0.00		

Name of Final Standard TOC Calibration Curve — **Prep'd By (Initials)** EA

Prep Date 06/28/21

Exp Date 06/28/22

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Total Organic Carbon (TOC) Standard	Agilent	IQC-1 06-5	1000 mg/L	0006588597-51848	03/31/23	20 uL	40 mL	DI Water	0.5 ppm
Total Organic Carbon (TOC) Standard	Agilent	IQC-1 06-5	1000 mg/L	0006588597-51848	03/31/23	80 uL	40 mL	DI Water	2 ppm
Total Organic Carbon (TOC) Standard	Agilent	IQC-1 06-5	1000 mg/L	0006588597-51848	03/31/23	200 uL	40 mL	DI Water	5 ppm
Total Organic Carbon (TOC) Standard	Agilent	IQC-1 06-5	1000 mg/L	0006588597-51848	03/31/23	400 uL	40 mL	DI Water	10 ppm
Total Organic Carbon (TOC) Standard	Agilent	IQC-1 06-5	1000 mg/L	0006588597-51848	03/31/23	800 uL	40 mL	DI Water	20 ppm

Name of Final Standard ICV (TOC) — **Prep'd By (Initials)** EA

Prep Date 06/28/21

Exp Date 06/28/22

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
1000 PPM ICV TOC Intermediate	APPL Inc.	IQC-106-5	1000 mg/L	0006465171-49409	06/30/21	400 uL	40mL	DI Water	10 ppm

Name of Final Standard CCV (TOC) — **Prep'd By (Initials)** EA

Prep Date See Data

Exp Date 1 year

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Total Organic Carbon (TOC) Standard	Agilent	IQC-106-5	1000 mg/L	0006588597-51848	03/31/23	200 uL	40 mL	DI Water	5 ppm

Name of Final Standard TOC_LCS/LCSD — **Prep'd By (Initials)** EA

Prep Date See Data

Exp Date 1 year

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Total Organic Carbon (TOC) Standard	Agilent	IQC-106-5	1000 mg/L	0006588597-51848	03/31/23	200 uL	40 mL	DI Water	5 ppm

Name of Final Standard TOC_MS/MSD — **Prep'd By (Initials)** EA

Prep Date See Data

Exp Date 1 year

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Total Organic Carbon (TOC) Standard	Agilent	IQC-106-5	1000 mg/L	0006588597-51848	03/31/23	200 uL	40 mL	sample	5 ppm