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

January 14, 2022

AECOM
1001 Bishop Street, Suite 1600
Honolulu, Hawaii 96813

Attn: Alethea Ramos

Title: Report of Data: Case 97924

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:

Five water samples were received October 21, 2021. Written results for the requested analyses are being provided on this January 14, 2022.

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.

for

Loren Portwood, Laboratory Director
APPL, Inc.

LP/lac
Enclosure
cc: File

Data Validation Package
for
60571032 CV18F0126 Red Hill Fuel Storage
APPL SDG 97924
TABLE OF CONTENTS

LABORATORY NAME: *APPL, Inc.*

CASE NARRATIVE

Case Narrative

ARF: 97924

Project: 60571032 CV18F0126 Red Hill Fuel Storage. HI

Sample Receipt Information:

Five water samples were received October 21, 2021 at 3.1°C. The sample group was assigned Analytical Request Form (ARF) number 97924.

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 sample was 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: In the 211022A method blank, Oil was detected above one-half the LOQ. There were no Oil detections in the associated samples.

EPA 8015B SGC: In the 211022A method blank, two surrogates recover below the lower control limit. The 211022A1-LCS/LCSD recovers two surrogates below the lower control limit. Sample ERH184 recovers one surrogate below the lower control limit.

EPA 8015B Blank: The closing CCV, file 1027034.D, recovers all analytes above the upper control limits. There were no detections in the associated samples.

SDG	Received	Client ID	APPL ID	Collected DateTime	Matrix	Method	Method Description	Prep DateTime	Analysis DateTime
97924	10/21/2021	ERH1838	BA43831	10/20/2021 8:40:00 AM	WATER	EPA 8260B	EPA 8260B BTEX WATER	10/26/2021 11:48:00 PM	10/26/2021 11:48:00 PM
97924	10/21/2021	ERH1838	BA43831	10/20/2021 8:40:00 AM	WATER	EPA 8260B	EPA 8260B GRO WATER	10/26/2021 11:48:00 PM	10/26/2021 11:48:00 PM
97924	10/21/2021	ERH1839	BA43832	10/20/2021 8:50:00 AM	WATER	EPA 8260B	EPA 8260B BTEX WATER	10/27/2021 12:16:00 AM	10/27/2021 12:16:00 AM
97924	10/21/2021	ERH1839	BA43832	10/20/2021 8:50:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH WATER L-L SGC	10/22/2021 2:30:00 PM	10/30/2021 7:21:00 PM
97924	10/21/2021	ERH1839	BA43832	10/20/2021 8:50:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ	10/22/2021 2:30:00 PM	10/29/2021 9:32:00 AM
97924	10/21/2021	ERH1839	BA43832	10/20/2021 8:50:00 AM	WATER	EPA 8260B	EPA 8260B GRO WATER	10/27/2021 12:16:00 AM	10/27/2021 12:16:00 AM
97924	10/21/2021	ERH1839	BA43832	10/20/2021 8:50:00 AM	WATER	8270D-SIM	EPA 8270D SIM LIQ-LIQ	10/22/2021 7:57:00 AM	10/28/2021 11:16:00 AM
97924	10/21/2021	ERH1839	BA43832	10/20/2021 8:50:00 AM	WATER	SW846 9060A	9060A TOC	10/28/2021 12:27:00 AM	10/28/2021 12:27:00 AM
97924	10/21/2021	ERH1841	BA43833	10/20/2021 8:50:00 AM	WATER	EPA 8260B	EPA 8260B BTEX WATER	10/27/2021 12:44:00 AM	10/27/2021 12:44:00 AM
97924	10/21/2021	ERH1841	BA43833	10/20/2021 8:50:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH WATER L-L SGC	10/22/2021 2:30:00 PM	10/30/2021 7:49:00 PM
97924	10/21/2021	ERH1841	BA43833	10/20/2021 8:50:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ	10/22/2021 2:30:00 PM	10/29/2021 10:01:00 AM
97924	10/21/2021	ERH1841	BA43833	10/20/2021 8:50:00 AM	WATER	EPA 8260B	EPA 8260B GRO WATER	10/27/2021 12:44:00 AM	10/27/2021 12:44:00 AM
97924	10/21/2021	ERH1841	BA43833	10/20/2021 8:50:00 AM	WATER	8270D-SIM	EPA 8270D SIM LIQ-LIQ	10/22/2021 7:57:00 AM	10/28/2021 11:35:00 AM
97924	10/21/2021	ERH1839 BLANK	BA43834	10/20/2021 8:50:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ	10/21/2021 4:26:00 PM	10/28/2021 4:12:00 AM
97924	10/21/2021	ERH1841 BLANK	BA43835	10/20/2021 8:50:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ	10/21/2021 4:26:00 PM	10/28/2021 4:40:00 AM

APPL Inc.
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 – (See case narrative)
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, e.g. mineral spirits, kerosene, stoddard solvent, white gas
T2 M	Is mainly lower boiling hydrocarbons, e.g. mineral spirits, kerosene, stoddard solvent, white gas
T3 I	Includes higher boiling hydrocarbons, e.g. asphaltene, waste oil, motor oil, or weathered diesel fuel
T3 M	Is mainly higher boiling hydrocarbons, e.g. asphaltene, waste 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
U	Not detected
Y	Percent difference between primary and confirmation column > 40%

SAMPLE RECORDS MANAGEMENT

CHAIN OF CUSTODY,

ARF, CRF, AND

CLIENT COMMUNICATION

APPL - Analysis Request Form

97924

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** # **50080**
RAD Screen (Y/N): **Y** pH (Y/N): **Y**
Turn Around Type: **1 WEEK**

Received by: **MSA**
Date Received: **10/21/21** Time: **09:50**
Delivered by: **FEDEX**
Shuttle Custody Seals (Y/N): **Y** Time Zone: **-10**
Chest Temp(s): **3.1°C**
Color: **VFRG/Receiving**
Samples Chilled until Placed in Refrig/Freezer: **Y**
Project Manager: **Libby Cheesebor**
QC Report Type: **DVP4DOD/EQUIS/HI**
Due Date: **10/28/21**

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
Wetlab: EPA 300 (NO3, Br,F,CL,SO4). EPA 353.2 (TOXN).
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: 2-$DOC53SGCW5LIQ, 2-$DOC53W5LIQ, 2-$SIM53LIQ51, 2-$RHBLKETBLK
Extractions: 2-_LIQ003, 4-_LIQ005, 2-_LIQ005SGC
VOA: 3-$86BTOTXDOD5W, 3-$GASBL, 3-$GRO86BW
Wetlab: 1-$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.	ERH1838	LCSD BA43831W	10/20/21 08:40	$86BTOTXDOD5W, $GASBL, $GRO86BW -- See Comments
2.	ERH1839	LCSD BA43832W	10/20/21 08:50	$86BTOTXDOD5W, $DOC53SGCW5LIQ, $DOC53W5LIQ, $GASBL, $GRO86BW, $SIM53LIQ51, $TOCW53 -- See Comments
3.	ERH1841	LCSD BA43833W	10/20/21 08:50	$86BTOTXDOD5W, $DOC53SGCW5LIQ, $DOC53W5LIQ, $GASBL, $GRO86BW, $SIM53LIQ51 -- See Comments
4.	ERH1839 BLANK	LCSD BA43834W	10/20/21 08:50	$RHBLKETBLK -- See Comments

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

5. ERH1841 BLANK	LCSD	BA43835W	10/20/21	08:50	$RHBLKETBLK -- See Comments

APPL Sample Receipt Form

ARF# **97924**

Sample	Container Type	Count	p
BA43831	[13] VOAs - HCL	4	NA
BA43832	[13] VOAs - HCL	4	NA
	[17] Amber Liter	2	NA
	[32] Clear VOA - H2SO4	2	NA
	[39] Amber Liter, HCL prsvd	2	1.6
BA43833	[13] VOAs - HCL	4	NA
	[17] Amber Liter	2	NA
	[39] Amber Liter, HCL prsvd	2	1.6
BA43834	[39] Amber Liter, HCL prsvd	1	NA
BA43835	[39] Amber Liter, HCL prsvd	1	NA

Sample	Container Type	Count	p

97924 1/1

CHAIN OF CUSTODY RECORD

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

C.O.C. 50080 NOI

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

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

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	Date Shipped: 10/20/21 Carrier: FedEx Waybill No.: Comments:
ERH1838	Trip Blank	10/20/21	8:40	HST	4	X			X	X					NOTE: NOI - Log in separate from other COCs
ERH1839	RHSF	↓	8:50	↓	10	X			X	X	X	X	X*	X	
ERH1841	RHSF	↓	8:50	↓	8	X			X	X	X	X	X*		
															TPH-d/o and PAHs need liquid-liquid extraction; *Naphthalene 1-methylnaphthalene 2-methylnaphthalene

JR 10/20/21

Shuttle Temperature:	Turnaround Requested: Check one	Sample Disposal:
R3 5.0/3.1°C	☐ 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 Nie	10/20/21	15:00	Received by:	Relinquished by:	10-21-21	950	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: 97924**

1) Project: 60571032 CV18F0126 Red Hill Fuel Storage Date Received: 10/21/2021

2) Coolers: Number of Coolers: 1

3) YES Were custody seals present and intact?
How many? 2 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: 5.0/3.1 2: ____ 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) No Were bubbles present in volatile samples?
If yes, the following were received with air bubbles:
Larger than a pea: ____
Smaller than a pea: ____

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?

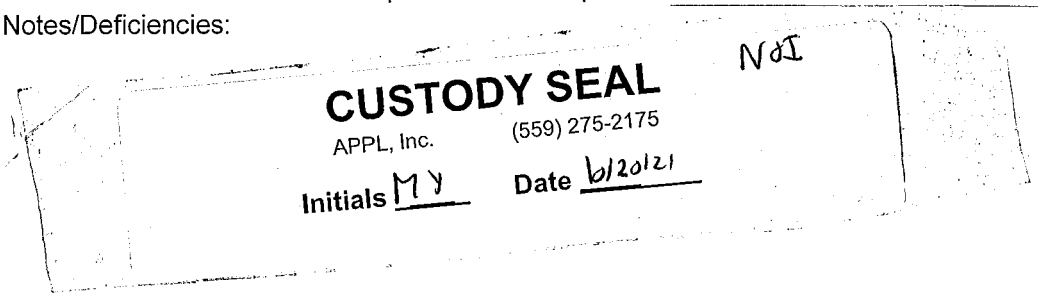
20) Yes Was the pH of acid preserved non-VOA samples < 2?

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: HC029115
Lab notified if pH was not adequate: ____

Notes/Deficiencies:



Personnel receiving samples: MS Second reviewer: MS
Personnel labeling samples: DR
Project manager notified: MS Date/Time of notification 10/21/2021
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: 97924

Sample ID: ERH1839

APPL ID: BA43832

Sample Collection Date: 10/20/21

QCG: #DOC53-211022A1-269827

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	10/22/21	10/30/21
EPA 8015B-e	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	10/22/21	10/30/21
EPA 8015B-e	SURROGATE: (R) DECANOIC ACID (S)	0.0	0-1			%	10/22/21	10/30/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	73.0	60-142			%	10/22/21	10/30/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	58.7	56-125			%	10/22/21	10/30/21

Quant Method:	DEC0911.M
Run #:	1030018
Instrument:	Apollo
Sequence:	211030
Dilution Factor:	1
Initials:	KAB

Printed: 11/2/2021 3:10:07 PM

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: 97924

Sample ID: ERH1839

APPL ID: BA43832

Sample Collection Date: 10/20/21

QCG: #DOC53-211022A-269826

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	10/22/21	10/29/21
EPA 8015B-e	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	10/22/21	10/29/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	106	60-142			%	10/22/21	10/29/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	88.6	56-125			%	10/22/21	10/29/21

Quant Method:	DOC1028.M
Run #:	1028054
Instrument:	Apollo
Sequence:	211028
Dilution Factor:	1
Initials:	KAB

Printed: 11/2/2021 3:10:07 PM

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: 97924

Sample ID: ERH1841

APPL ID: BA43833

Sample Collection Date: 10/20/21

QCG: #DOC53-211022A1-269827

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	10/22/21	10/30/21
EPA 8015B-e	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	10/22/21	10/30/21
EPA 8015B-e	SURROGATE: (R) DECANOIC ACID (S)	0.0	0-1			%	10/22/21	10/30/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	64.3	60-142			%	10/22/21	10/30/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	52.0 #	56-125			%	10/22/21	10/30/21

= Recovery (or RPD) is outside QC limits.

Quant Method:	DEC0911.M
Run #:	1030019
Instrument:	Apollo
Sequence:	211030
Dilution Factor:	1
Initials:	KAB

Printed: 11/2/2021 3:10:07 PM

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: 97924

Sample ID: ERH1841

APPL ID: BA43833

Sample Collection Date: 10/20/21

QCG: #DOC53-211022A-269826

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	10/22/21	10/29/21
EPA 8015B-e	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	10/22/21	10/29/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	102	60-142			%	10/22/21	10/29/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	84.7	56-125			%	10/22/21	10/29/21

Quant Method:	DOC1028.M
Run #:	1028055
Instrument:	Apollo
Sequence:	211028
Dilution Factor:	1
Initials:	KAB

Printed: 11/2/2021 3:10:07 PM

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: 97924

Sample ID: ERH1839 BLANK

APPL ID: BA43834

Sample Collection Date: 10/20/21

QCG: #RHBLK-211021A-269588

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	10/21/21	10/28/21
EPA 8015B-e	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	10/21/21	10/28/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	124	60-142			%	10/21/21	10/28/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	103	56-125			%	10/21/21	10/28/21

Quant Method:	DOC0830.M
Run #:	1027031
Instrument:	Apollo
Sequence:	211027
Dilution Factor:	1
Initials:	KAB

Printed: 11/2/2021 3:10:07 PM

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: 97924

Sample ID: ERH1841 BLANK

APPL ID: BA43835

Sample Collection Date: 10/20/21

QCG: #RHBLK-211021A-269588

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	10/21/21	10/28/21
EPA 8015B-e	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	10/21/21	10/28/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	114	60-142			%	10/21/21	10/28/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	98.2	56-125			%	10/21/21	10/28/21

Quant Method:	DOC0830.M
Run #:	1027032
Instrument:	Apollo
Sequence:	211027
Dilution Factor:	1
Initials:	KAB

Printed: 11/2/2021 3:10:07 PM

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: 97924

Sample ID: ERH1839

APPL ID: BA43832

Sample Collection Date: 10/20/21

QCG: #SIM53-211022A-270140

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	10/22/21	10/28/21
8270D-SIM	2-METHYLNAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	10/22/21	10/28/21
8270D-SIM	NAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	10/22/21	10/28/21
8270D-SIM	SURROGATE: 2-METHYLNAPHTHALEN	77.4	39-114			%	10/22/21	10/28/21
8270D-SIM	SURROGATE: FLUORANTHENE-D10 (S	78.0	58-120			%	10/22/21	10/28/21

Quant Method:	K1019.M
Run #:	1019K176
Instrument:	KYLO
Sequence:	211019
Dilution Factor:	1
Initials:	MA

Printed: 11/9/2021 9:19:54 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: 97924

Sample ID: ERH1841

APPL ID: BA43833

Sample Collection Date: 10/20/21

QCG: #SIM53-211022A-270140

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	10/22/21	10/28/21
8270D-SIM	2-METHYLNAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	10/22/21	10/28/21
8270D-SIM	NAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	10/22/21	10/28/21
8270D-SIM	SURROGATE: 2-METHYLNAPHTHALEN	86.9	39-114			%	10/22/21	10/28/21
8270D-SIM	SURROGATE: FLUORANTHENE-D10 (S	87.3	58-120			%	10/22/21	10/28/21

Quant Method:	K1019.M
Run #:	1019K177
Instrument:	KYLO
Sequence:	211019
Dilution Factor:	1
Initials:	MA

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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: 97924

Sample ID: ERH1838

APPL ID: BA43831

Sample Collection Date: 10/20/21

QCG: #86BTO-211026BM-269592

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	10/26/21	10/26/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	10/26/21	10/26/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	10/26/21	10/26/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	10/26/21	10/26/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	94.9	81-118			%	10/26/21	10/26/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	95.8	85-114			%	10/26/21	10/26/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	101	80-119			%	10/26/21	10/26/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	97.7	89-112			%	10/26/21	10/26/21

Quant Method: M1015W.M
Run #: 1026M32
Instrument: Max
Sequence: 211015
Dilution Factor: 1
Initials: PAN

Printed: 10/28/2021 12:44:16 PM

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: 97924

Sample ID: ERH1839

APPL ID: BA43832

Sample Collection Date: 10/20/21

QCG: #86BTO-211026BM-269592

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	10/27/21	10/27/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	10/27/21	10/27/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	10/27/21	10/27/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	10/27/21	10/27/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	100	81-118			%	10/27/21	10/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	97.7	85-114			%	10/27/21	10/27/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	103	80-119			%	10/27/21	10/27/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	98.5	89-112			%	10/27/21	10/27/21

Quant Method: M1015W.M
Run #: 1026M33
Instrument: Max
Sequence: 211015
Dilution Factor: 1
Initials: PAN

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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: 97924

Sample ID: ERH1841

APPL ID: BA43833

Sample Collection Date: 10/20/21

QCG: #86BTO-211026BM-269592

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	10/27/21	10/27/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	10/27/21	10/27/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	10/27/21	10/27/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	10/27/21	10/27/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	98.0	81-118			%	10/27/21	10/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	96.6	85-114			%	10/27/21	10/27/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	104	80-119			%	10/27/21	10/27/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	101	89-112			%	10/27/21	10/27/21

Quant Method:	M1015W.M
Run #:	1026M34
Instrument:	Max
Sequence:	211015
Dilution Factor:	1
Initials:	PAN

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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: 97924

Sample ID: ERH1838

APPL ID: BA43831

Sample Collection Date: 10/20/21

QCG: #GRO86-211026BM-269634

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	10/26/21	10/26/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	95.8	85-114			%	10/26/21	10/26/21

Quant Method:	SURR015W.M
Run #:	1026M32
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: 97924

Sample ID: ERH1839

APPL ID: BA43832

Sample Collection Date: 10/20/21

QCG: #GRO86-211026BM-269634

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	10/27/21	10/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	97.7	85-114			%	10/27/21	10/27/21

Quant Method:	SURR015W.M
Run #:	1026M33
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: 97924

Sample ID: ERH1841

APPL ID: BA43833

Sample Collection Date: 10/20/21

QCG: #GRO86-211026BM-269634

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	10/27/21	10/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	96.6	85-114			%	10/27/21	10/27/21

Quant Method:	SURR015W.M
Run #:	1026M34
Instrument:	Max
Sequence:	211015
Dilution Factor:	1
Initials:	DA

Printed: 10/28/2021 6:49:01 PM

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: ERH1839

APPL ID: BA43832

Sample Collection Date: 10/20/2021

ARF: 97924

Method	Analyte	Result	LOQ	LOD	DL	Units	DF	Prep Date	Analysis Date
SW846 9060A	TOTAL ORGANIC CARBON	0.23 J	0.93	0.350	0.130	mg/L	1	10/28/21	10/28/21

J = Estimated value.

Printed: 11/11/2021 1:52:24 PM

APPL-F1-SC-NoMC-REG MDLs

QC FORMS

EPA 8015B-eHL

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97924

Case No: 97924 Date Analyzed: 10/29/2021

Matrix: WATER Instrument: Apollo

APPL ID.	Client Sample No.	SURROGATE: OCTACOSANE (S)			SURROGATE: ORTHO-TERPHENYL (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211022A-BLK	Blank	60-142	95.2		56-125	79.1	
211022A-LCS	Lab Control Spike	60-142	90.0		56-125	81.3	
211022A-LCSD	Lab Control SpikeD	60-142	100		56-125	93.3	
BA43832	ERH1839	60-142	106		56-125	88.6	
BA43833	ERH1841	60-142	102		56-125	84.7	

Comments: Batch: #DOC53-211022A

EPA 8015B-eHL

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97924

Case No: 97924 Date Analyzed: 10/30/2021

Matrix: WATER Instrument: Apollo

APPL ID.	Client Sample No.	SURROGATE: (R) DECANOIC ACID (S)			SURROGATE: OCTACOSANE (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211022A1-BLK	Blank	0-1	0.0		60-142	56.7	#
211022A1-LCS	Lab Control Spike	0-1	0.0		60-142	59.6	*
211022A1-LCSD	Lab Control SpikeD	0-1	0.0		60-142	57.7	*
BA43832	ERH1839	0-1	0.0		60-142	73.0	
BA43833	ERH1841	0-1	0.0		60-142	64.3	

Comments: Batch: #DOC53-211022A1

* = Recovery outside of Control Limits on QC Sample.

= Recovery outside of Control Limits on Sample.

EPA 8015B-eHL

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97924

Case No: 97924 Date Analyzed: 10/30/2021

Matrix: WATER Instrument: Apollo

APPL ID.	Client Sample No.	SURROGATE: ORTHO-TERPHENYL (S)					
		Limits	Result	Qualifier	Limits	Result	Qualifier
211022A1-BLK	Blank	56-125	45.3	#			
211022A1-LCS	Lab Control Spike	56-125	53.1	*			
211022A1-LCSD	Lab Control SpikeD	56-125	53.2	*			
BA43832	ERH1839	56-125	58.7				
BA43833	ERH1841	56-125	52.0	#			

Comments: Batch: #DOC53-211022A1

* = Recovery outside of Control Limits on QC Sample.

= Recovery outside of Control Limits on Sample.

EPA 8015B-eHL

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97924

Case No: 97924 Date Analyzed: 10/28/2021

Matrix: WATER Instrument: Apollo

APPL ID.	Client Sample No.	SURROGATE: OCTACOSANE (S)			SURROGATE: ORTHO-TERPHENYL (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211021A-BLK	Blank	60-142	129		56-125	106	
211021A-LCS	Lab Control Spike	60-142	67.3		56-125	56.1	
211021A-LCSD	Lab Control SpikeD	60-142	88.0		56-125	72.7	
BA43834	ERH1839 BLANK	60-142	124		56-125	103	
BA43835	ERH1841 BLANK	60-142	114		56-125	98.2	

Comments: Batch: #RHBLK-211021A

EPA 8015B-eH

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	97924
Case No:	97924	Date Analyzed:	10/29/2021
Matrix:	WATER	Instrument:	Apollo
Blank ID:	211022A-BLK	Time Analyzed:	0808

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211022A-BLK	Blank	1028051	10/29/2021 0808
211022A-LCS	Lab Control Spike	1028052	10/29/2021 0836
211022A-LCSD	Lab Control SpikeD	1028053	10/29/2021 0904
BA43832	ERH1839	1028054	10/29/2021 0932
BA43833	ERH1841	1028055	10/29/2021 1001

Comments: Batch: #DOC53-211022A

EPA 8015B-eH

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	97924
Case No:	97924	Date Analyzed:	10/30/2021
Matrix:	WATER	Instrument:	Apollo
Blank ID:	211022A1-BLK	Time Analyzed:	1756

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211022A1-BLK	Blank	1030015	10/30/2021 1756
211022A1-LCS	Lab Control Spike	1030016	10/30/2021 1824
211022A1-LCSD	Lab Control SpikeD	1030017	10/30/2021 1853
BA43832	ERH1839	1030018	10/30/2021 1921
BA43833	ERH1841	1030019	10/30/2021 1949

Comments: Batch: #DOC53-211022A1

EPA 8015B-eH

Form 4

Blank Summary

Lab Name: APPL, Inc. SDG No: 97924

Case No: 97924 Date Analyzed: 10/28/2021

Matrix: WATER Instrument: Apollo

Blank ID: 211021A-BLK Time Analyzed: 0248

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211021A-BLK	Blank	1027028	10/28/2021 0248
211021A-LCS	Lab Control Spike	1027029	10/28/2021 0316
211021A-LCSD	Lab Control SpikeD	1027030	10/28/2021 0344
BA43834	ERH1839 BLANK	1027031	10/28/2021 0412
BA43835	ERH1841 BLANK	1027032	10/28/2021 0440

Comments: Batch: #RHBLK-211021A

Method Blank
EPA 8015B TPH LIQ-LIQ

Blank Name/QCG: **211021W-43834 - 269588**
Batch ID: #RHBLK-211021A

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	10/21/2021	10/28/2021
BLANK	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	10/21/2021	10/28/2021
BLANK	SURROGATE: OCTACOSANE (S)	129	60-142			%	10/21/2021	10/28/2021
BLANK	SURROGATE: ORTHO-TERPHEN	106	56-125			%	10/21/2021	10/28/2021

Quant Method: DOC0830.M
Run #: 1027028
Instrument: Apollo
Sequence: 211027
Initials: KAB

GC SC-Blank-REG MDLs-DOD
Printed: 11/2/2021 3:10:55 PM

Method Blank
EPA 8015B TPH LIQ-LIQ

Blank Name/QCG: **211022W-43832 - 269826**
Batch ID #DOC53-211022A

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	10/22/2021	10/29/2021
BLANK	OIL (C24-C40)	160 J	320	300.0	150.0	ug/L	10/22/2021	10/29/2021
BLANK	SURROGATE: OCTACOSANE (S	95.2	60-142			%	10/22/2021	10/29/2021
BLANK	SURROGATE: ORTHO-TERPHE	79.1	56-125			%	10/22/2021	10/29/2021

J = Estimated value.

Quant Method: DOC1028.M
Run #: 1028051
Instrument: Apollo
Sequence: 211028
Initials: KAB

GC SC-Blank-REG MDLs-DOD
Printed: 12/3/2021 6:18:01 AM

Method Blank
EPA 8015B TPH WATER L-L SGC

Blank Name/QCG: **211022W-43832 - 269827**
Batch ID: #DOC53-211022A1

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	10/22/2021	10/30/2021
BLANK	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	10/22/2021	10/30/2021
BLANK	SURROGATE: (R) DECANOIC AC	0.0	0-1			%	10/22/2021	10/30/2021
BLANK	SURROGATE: OCTACOSANE (S)	56.7 #	60-142			%	10/22/2021	10/30/2021
BLANK	SURROGATE: ORTHO-TERPHEN	45.3 #	56-125			%	10/22/2021	10/30/2021

= Recovery (or RPD) is outside QC limits.

Quant Method: DEC0911.M
Run #: 1030015
Instrument: Apollo
Sequence: 211030
Initials: KAB

GC SC-Blank-REG MDLs-DOD
Printed: 11/2/2021 3:10:55 PM

EPA 8015B-eH

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	97924
Case No:	97924	Date Analyzed:	10/29/2021
Matrix:	WATER	Instrument:	Apollo
LCS ID:	211022A-LCS	Time Analyzed:	0836

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211022A-BLK	Blank	1028051	10/29/2021 0808
211022A-LCS	Lab Control Spike	1028052	10/29/2021 0836
211022A-LCSD	Lab Control SpikeD	1028053	10/29/2021 0904
BA43832	ERH1839	1028054	10/29/2021 0932
BA43833	ERH1841	1028055	10/29/2021 1001

Comments: Batch: #DOC53-211022A

EPA 8015B-eH

Form 4

LCS Summary

Lab Name: APPL, Inc. SDG No: 97924

Case No: 97924 Date Analyzed: 10/30/2021

Matrix: WATER Instrument: Apollo

LCS ID: 211022A1-LCS Time Analyzed: 1824

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211022A1-BLK	Blank	1030015	10/30/2021 1756
211022A1-LCS	Lab Control Spike	1030016	10/30/2021 1824
211022A1-LCSD	Lab Control SpikeD	1030017	10/30/2021 1853
BA43832	ERH1839	1030018	10/30/2021 1921
BA43833	ERH1841	1030019	10/30/2021 1949

Comments: Batch: #DOC53-211022A1

EPA 8015B-eH

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	97924
Case No:	97924	Date Analyzed:	10/28/2021
Matrix:	WATER	Instrument:	Apollo
LCS ID:	211021A-LCS	Time Analyzed:	0316

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211021A-BLK	Blank	1027028	10/28/2021 0248
211021A-LCS	Lab Control Spike	1027029	10/28/2021 0316
211021A-LCSD	Lab Control SpikeD	1027030	10/28/2021 0344
BA43834	ERH1839 BLANK	1027031	10/28/2021 0412
BA43835	ERH1841 BLANK	1027032	10/28/2021 0440

Comments: Batch: #RHBLK-211021A

Laboratory Control Spike Recoveries
EPA 8015B TPH LIQ-LIQ

APPL ID: **211022W-43832 LCS - 269826**
Batch ID: #DOC53-211022A

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	1700	1940	85.0	97.0	36-132	13.2	30
OIL (C24-C40)	2000	1860	2140	93.0	107	41-113	14.0	30
SURROGATE: OCTACOSANE (S)	150	135	150	90.0	100	60-142		
SURROGATE: ORTHO-TERPHENYL (S)	150	122	140	81.3	93.3	56-125		

Comments:

Primary	SPK	DUP
Quant Method :	DOC1028.M	DOC1028.M
Extraction Date :	10/22/2021	10/22/2021
Analysis Date :	10/29/2021	10/29/2021
Instrument :	Apollo	Apollo
Run :	1028052	1028053
Initials :	KAB	

Printed: 11/2/2021 3:10:24 PM
APPL Standard LCSD

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

APPL ID: **211022W-43832 LCS - 269827**
Batch ID: #DOC53-211022A1

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	988	987	49.4	49.4	36-132	0.10	30
OIL (C24-C40)	2000	1250	1280	62.5	64.0	41-113	2.4	30
SURROGATE: (R) DECANOIC ACID (S)	10.00	0	0	0.0	0.0	0-1		
SURROGATE: OCTACOSANE (S)	150	89.4	86.6	59.6 #	57.7 #	60-142		
SURROGATE: ORTHO-TERPHENYL (S)	150	79.6	79.8	53.1 #	53.2 #	56-125		

= Recovery is outside QC limits.

Comments:

Primary	SPK	DUP
Quant Method :	DEC0911.M	DEC0911.M
Extraction Date :	10/22/2021	10/22/2021
Analysis Date :	10/30/2021	10/30/2021
Instrument :	Apollo	Apollo
Run :	1030016	1030017
Initials :	KAB	

Laboratory Control Spike Recoveries
EPA 8015B TPH LIQ-LIQ

APPL ID: **211021W-43834 LCS - 269588**
Batch ID: #RHBLK-211021A

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	37.7	40.2	NA	NA	36-132		30
OIL (C24-C40)	0	80.4	88.5	NA	NA	41-113		30
SURROGATE: OCTACOSANE (S)	150	101	132	67.3	88.0	60-142		
SURROGATE: ORTHO-TERPHENYL (S)	150	84.1	109	56.1	72.7	56-125		

Comments:

Primary	SPK	DUP
Quant Method :	DOC0830.M	DOC0830.M
Extraction Date :	10/21/2021	10/21/2021
Analysis Date :	10/28/2021	10/28/2021
Instrument :	Apollo	Apollo
Run :	1027029	1027030
Initials :	KAB	

8270D-SIM

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97924

Case No: 97924 Date Analyzed: 10/28/2021

Matrix: WATER Instrument: KYLO

APPL ID.	Client Sample No.	SURROGATE: 2-METHYLNAPHTHALENE-D10 (S)			SURROGATE: FLUORANTHENE-D10 (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211022A-BLK	Blank	39-114	77.3		58-120	82.5	
211022A-LCS	Lab Control Spike	39-114	84.4		58-120	88.2	
211022A-LCSD	Lab Control SpikeD	39-114	89.6		58-120	92.2	
BA43832	ERH1839	39-114	77.4		58-120	78.0	
BA43833	ERH1841	39-114	86.9		58-120	87.3	

Comments: Batch: #SIM53-211022A

8270D-SIM

Form 4

Blank Summary

Lab Name: APPL, Inc. SDG No: 97924

Case No: 97924 Date Analyzed: 10/28/2021

Matrix: WATER Instrument: KYLO

Blank ID: 211022A-BLK Time Analyzed: 0956

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211022A-BLK	Blank	1019K172	10/28/2021 0956
211022A-LCS	Lab Control Spike	1019K173	10/28/2021 1016
211022A-LCSD	Lab Control SpikeD	1019K174	10/28/2021 1036
BA43832	ERH1839	1019K176	10/28/2021 1116
BA43833	ERH1841	1019K177	10/28/2021 1135

Comments: Batch: #SIM53-211022A

Method Blank
EPA 8270D SIM LIQ-LIQ

Blank Name/QCG: **211022W-43555 - 270140**
Batch ID: #SIM53-211022A

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	10/22/2021	10/28/2021
BLANK	2-METHYLNAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	10/22/2021	10/28/2021
BLANK	NAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	10/22/2021	10/28/2021
BLANK	SURROGATE: 2-METHYLNAPHT	77.3	39-114			%	10/22/2021	10/28/2021
BLANK	SURROGATE: FLUORANTHENE-	82.5	58-120			%	10/22/2021	10/28/2021

Quant Method: K1019.M
Run #: 1019K172
Instrument: KYLO
Sequence: 211019
Initials: MA

GC SC-Blank-REG MDLs-DOD
Printed: 11/9/2021 9:20:12 AM

8270D-SIM

Form 4

LCS Summary

Lab Name: APPL, Inc. SDG No: 97924

Case No: 97924 Date Analyzed: 10/28/2021

Matrix: WATER Instrument: KYLO

LCS ID: 211022A-LCS Time Analyzed: 1016

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211022A-BLK	Blank	1019K172	10/28/2021 0956
211022A-LCS	Lab Control Spike	1019K173	10/28/2021 1016
211022A-LCSD	Lab Control SpikeD	1019K174	10/28/2021 1036
BA43832	ERH1839	1019K176	10/28/2021 1116
BA43833	ERH1841	1019K177	10/28/2021 1135

Comments: Batch: #SIM53-211022A

Laboratory Control Spike Recoveries
EPA 8270D SIM LIQ-LIQ

APPL ID: **211022W-43555 LCS - 270140**
Batch ID: #SIM53-211022A

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	4.23	4.64	84.6	92.8	41-115	9.2	20
2-METHYLNAPHTHALENE	5.00	4.27	4.74	85.4	94.8	39-114	10.4	20
NAPHTHALENE	5.00	4.12	4.56	82.4	91.2	43-114	10.1	20
SURROGATE: 2-METHYLNAPHTHALEN	5.00	4.22	4.48	84.4	89.6	39-114		
SURROGATE: FLUORANTHENE-D10 (S)	5.00	4.41	4.61	88.2	92.2	58-120		

Comments:

Primary	SPK	DUP
Quant Method :	K1019.M	K1019.M
Extraction Date :	10/22/2021	10/22/2021
Analysis Date :	10/28/2021	10/28/2021
Instrument :	KYLO	KYLO
Run :	1019K173	1019K174
Initials :	MA	

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: 97924
Case No: 97924 Date Analyzed: 10/28/2021
Matrix: Water Instrument: KYLO
ID: 1019K170.D Time Analyzed: 9:06

	Client Sample No.	APPL ID.	File ID.	Date Analyzed
1		5 ug/ml 10/19/21 (1)	1019K171.D	10/28/2021 9:18
2	Blank	211021A BLK 1/1000	1019K172.D	10/28/2021 9:56
3	Lab Control Spike	211021A LCS-1 1/1000	1019K173.D	10/28/2021 10:16
4	Lab Control SpikeD	211021A LCSD-1 1/100	1019K174.D	10/28/2021 10:36
5	ERH1839	BA43832W07 1/1000	1019K176.D	10/28/2021 11:16
6	ERH1841	BA43833W05 1/1000	1019K177.D	10/28/2021 11:35
7		5 ug/ml 10/10/21 (2)	1019K205.D	10/28/2021 20:55
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				

m/e		
51	9.95 - 80.1% of mass 198	30.6
68	0 - 2.05% of mass 69	1.5
70	0 - 2% of mass 69	0.5
127	10 - 80% of mass 198	51.2
197	0 - 2% of mass 198	0.3
198	100 - 100% of mass 198	100.0
199	5 - 9% of mass 198	6.6
275	10 - 60% of mass 198	23.5
365	1 - 100% of mass 198	2.5
441	0.01 - 24% of mass 442	13.7
442	50 - 500% of mass 198	80.0
443	15 - 24% of mass 442	18.8

8A
INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: APPL Inc. Contract:

Lab Code: SDG No.:

Lab File ID (Standard): 1019K171.D Date Analyzed: 10/28/21

Instrument ID: KYLO Time Analyzed: 9:18

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	13064	3.89	6432	5.82	9841	7.52
	UPPER LIMIT	26128	4.06	12864	5.99	19682	7.69
	LOWER LIMIT	6532	3.72	3216	5.65	4921	7.35
	SAMPLE NO.						
01	211021A BLK 1/1000	12905	3.89	6299	5.82	9803	7.53
02	211021A LCS-1 1/1000	13479	3.89	6711	5.82	10307	7.52
03	211021A LCSD-1 1/100	13301	3.89	6681	5.82	10357	7.52
04	BA43832W07 1/1000	14080	3.89	7037	5.82	10886	7.52
05	BA43833W05 1/1000	13812	3.89	6881	5.82	10640	7.52
06	5 ug/ml 10/10/21 (2)	17438	3.89	8754	5.82	13434	7.52
07							
08							
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): 1019K171.D Date Analyzed: 10/28/21

Instrument ID: KYLO Time Analyzed: 9:18

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

		Chrysene-D12(IS)		Perylene-D12(IS)			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	11899	10.58	10623	12.76		
	UPPER LIMIT	23798	10.75	21246	12.93		
	LOWER LIMIT	5950	10.41	5312	12.59		
	SAMPLE NO.						
01	211021A BLK 1/1000	11444	10.59	10357	12.76		
02	211021A LCS-1 1/1000	12396	10.57	11238	12.76		
03	211021A LCSD-1 1/100	12395	10.57	11334	12.75		
04	BA43832W07 1/1000	12649	10.57	11433	12.76		
05	BA43833W05 1/1000	12590	10.57	11181	12.76		
06	5 ug/ml 10/10/21 (2)	16058	10.57	14486	12.76		
07							
08							
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: 97924

Case No: 97924 Date Analyzed: 10/26/2021

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
211026BM-LCS	Lab Control Spike	81-118	104		85-114	104	
211026BM-LCSD	Lab Control SpikeD	81-118	101		85-114	102	
211026BM-BLK	Blank	81-118	99.7		85-114	99.8	
BA43831	ERH1838	81-118	94.9		85-114	95.8	
BA43832	ERH1839	81-118	100		85-114	97.7	
BA43833	ERH1841	81-118	98.0		85-114	96.6	

Comments: Batch: #86BTO-211026BM

EPA 8260B

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97924

Case No: 97924 Date Analyzed: 10/26/2021

Matrix: WATER Instrument: Max

APPL ID.	Client Sample No.	SURROGATE: DIBROMOFLUOROMETHANE (S)			SURROGATE: TOLUENE-D8 (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211026BM-LCS	Lab Control Spike	80-119	103		89-112	102	
211026BM-LCSD	Lab Control SpikeD	80-119	103		89-112	101	
211026BM-BLK	Blank	80-119	99.8		89-112	98.9	
BA43831	ERH1838	80-119	101		89-112	97.7	
BA43832	ERH1839	80-119	103		89-112	98.5	
BA43833	ERH1841	80-119	104		89-112	101	

Comments: Batch: #86BTO-211026BM

EPA 8260B

Form 4

Blank Summary

Lab Name: APPL, Inc. SDG No: 97924

Case No: 97924 Date Analyzed: 10/26/2021

Matrix: WATER Instrument: Max

Blank ID: 211026BM-BLK Time Analyzed: 2320

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211026BM-LCS	Lab Control Spike	1026M26	10/26/2021 2058
211026BM-LCSD	Lab Control SpikeD	1026M27	10/26/2021 2126
211026BM-BLK	Blank	1026M31	10/26/2021 2320
BA43831	ERH1838	1026M32	10/26/2021 2348
BA43832	ERH1839	1026M33	10/27/2021 0016
BA43833	ERH1841	1026M34	10/27/2021 0044

Comments: Batch: #86BTO-211026BM

Method Blank
EPA 8260B BTEX WATER

Blank Name/QCG: **211026W-43831 - 269592**
Batch ID: #86BTO-211026BM

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	10/26/2021	10/26/2021
BLANK	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	10/26/2021	10/26/2021
BLANK	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	10/26/2021	10/26/2021
BLANK	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	10/26/2021	10/26/2021
BLANK	SURROGATE: 1,2-DICHLOROET	99.7	81-118			%	10/26/2021	10/26/2021
BLANK	SURROGATE: 4-BROMOFLUORO	99.8	85-114			%	10/26/2021	10/26/2021
BLANK	SURROGATE: DIBROMOFLUOR	99.8	80-119			%	10/26/2021	10/26/2021
BLANK	SURROGATE: TOLUENE-D8 (S)	98.9	89-112			%	10/26/2021	10/26/2021

Quant Method: M1015W.M
Run #: 1026M31
Instrument: Max
Sequence: 211015
Initials: PAN

GC SC-Blank-REG MDLs-DOD
Printed: 10/28/2021 12:44:42 PM

EPA 8260B

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	97924
Case No:	97924	Date Analyzed:	10/26/2021
Matrix:	WATER	Instrument:	Max
LCS ID:	211026BM-LCS	Time Analyzed:	2058

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211026BM-LCS	Lab Control Spike	1026M26	10/26/2021 2058
211026BM-LCSD	Lab Control SpikeD	1026M27	10/26/2021 2126
211026BM-BLK	Blank	1026M31	10/26/2021 2320
BA43831	ERH1838	1026M32	10/26/2021 2348
BA43832	ERH1839	1026M33	10/27/2021 0016
BA43833	ERH1841	1026M34	10/27/2021 0044

Comments: Batch: #86BTO-211026BM

Laboratory Control Spike Recoveries
EPA 8260B BTEX WATER

APPL ID: **211026W-43831 LCS - 269592**
Batch ID: #86BTO-211026BM

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	10.4	9.29	104	92.9	79-120	11.3	20
ETHYLBENZENE	10.00	10.3	9.85	103	98.5	79-121	4.5	20
TOLUENE	10.00	10.3	9.63	103	96.3	80-121	6.7	20
XYLENES (TOTAL)	30.0	31.1	29.3	104	97.7	79-121	6.0	20
SURROGATE: 1,2-DICHLOROETHANE-D	25.0	26.0	25.2	104	101	81-118		
SURROGATE: 4-BROMOFLUOROBENZE	25.0	25.9	25.6	104	102	85-114		
SURROGATE: DIBROMOFLUOROMETH	25.0	25.7	25.8	103	103	80-119		
SURROGATE: TOLUENE-D8 (S)	25.0	25.4	25.2	102	101	89-112		

Comments:

Primary	SPK	DUP
Quant Method :	M1015W.M	M1015W.M
Extraction Date :	10/26/2021	10/26/2021
Analysis Date :	10/26/2021	10/26/2021
Instrument :	Max	Max
Run :	1026M26	1026M27
Initials :	PAN	

Form 5
Tune Summary

Lab Name: APPL Inc. SDG No:
Case No: Date Analyzed: 10/15/2021
Matrix: Water Instrument: Max
ID: 1015M11.D 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	15.0 - 40.0% of mass 95	20.4
75	30.0 - 60.0% of mas 95	58.4
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0
174	50.0 - 200.0% of mass 95	126.6
175	5.0 - 9.0% of mass 174	7.7
176	95.0 - 101.0% of mass 174	99.1
177	5.0 - 9.0% of mass 176	6.5

8A
INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: APPL Inc. Contract:

Lab Code: SDG No.:

Lab File ID (Standard): 1015M17.D Date Analyzed: 10/15/21

Instrument ID: Max Time Analyzed: 17:35

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	377347	6.34	347072	9.50	236441	11.82
	UPPER LIMIT	754694	6.51	694144	9.67	472882	11.99
	LOWER LIMIT	188674	6.17	173536	9.33	118221	11.65
	SAMPLE NO.						
01	0.3ug/L VOC STD 10/15	397342	6.34	352293	9.50	217437	11.82
02	0.5ug/L VOC STD 10/15	396824	6.34	348546	9.50	220294	11.82
03	1ug/L VOC STD 10/15/2	394605	6.34	355921	9.50	218264	11.82
04	2ug/L VOC STD 10/15/2	397741	6.34	352458	9.50	222724	11.82
05	5ug/L VOC STD 10/15/2	387411	6.34	344894	9.50	232454	11.82
06	10ug/L VOC STD 10/15/	377347	6.34	347072	9.50	236441	11.82
07	20ug/L VOC STD 10/15/	395871	6.34	351611	9.50	235162	11.82
08	40ug/L VOC STD 10/15/	394795	6.34	356570	9.50	246902	11.82
09	100ug/L VOC STD 10/1	386789	6.34	357810	9.50	248989	11.82
10	(SS) 10ug/L VOC STD 1	407759	6.34	364241	9.50	235667	11.82
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.

Form 5
Tune Summary

Lab Name: APPL Inc. SDG No: 97924
Case No: 97924 Date Analyzed: 10/26/2021
Matrix: Water Instrument: Max
ID: 1026M24.D Time Analyzed: 20:01

	Client Sample No.	APPL ID.	File ID.	Date Analyzed
1		211026B CCV 10ug/L	1026M25.D	10/26/2021 20:30
2	Lab Control Spike	211026B LCS 10ug/L	1026M26.D	10/26/2021 20:58
3	Lab Control SpikeD	211026B LCSD 10ug/L	1026M27.D	10/26/2021 21:26
4	Blank	211026B BLK	1026M31.D	10/26/2021 23:20
5	ERH1838	BA43831W01	1026M32.D	10/26/2021 23:48
6	ERH1839	BA43832W01	1026M33.D	10/27/2021 0:16
7	ERH1841	BA43833W01	1026M34.D	10/27/2021 0:44
8		Ending CCV 10ug/L 10	1026M45.D	10/27/2021 5:55
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				

m/e		
50	15.0 - 40.0% of mass 95	21.8
75	30.0 - 60.0% of mas 95	59.4
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.0
174	50.0 - 200.0% of mass 95	136.3
175	5.0 - 9.0% of mass 174	8.5
176	95.0 - 101.0% of mass 174	98.9
177	5.0 - 9.0% of mass 176	5.9

8A
INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: APPL Inc. Contract:

Lab Code: SDG No.:

Lab File ID (Standard): 1026M25.D Date Analyzed: 10/26/21

Instrument ID: Max Time Analyzed: 20:30

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	386002	6.37	343919	9.53	227821	11.85
	UPPER LIMIT	772004	6.54	687838	9.70	455642	12.02
	LOWER LIMIT	193001	6.20	171960	9.36	113911	11.68
	SAMPLE NO.						
01	211026B CCV 10ug/L	386002	6.37	343919	9.53	227821	11.85
02	211026B LCS 10ug/L	384412	6.37	344538	9.53	230340	11.85
03	211026B LCSD 10ug/L	379540	6.37	341797	9.53	227568	11.85
04	211026B BLK	396235	6.37	350438	9.53	212898	11.85
05	BA43831W01	380538	6.37	340415	9.52	213661	11.85
06	BA43832W01	380180	6.37	340764	9.53	209940	11.85
07	BA43833W01	396001	6.37	348920	9.53	214989	11.85
08	Ending CCV 10ug/L 10/2	387172	6.37	351019	9.52	224090	11.84
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: 97924

Case No: 97924 Date Analyzed: 10/26/2021

Matrix: WATER Instrument: Max

APPL ID.	Client Sample No.	SURROGATE: 4-BROMOFLUOROBENZENE (S)					
		Limits	Result	Qualifier	Limits	Result	Qualifier
211026BM-LCS	Lab Control Spike	85-114	99.6				
211026BM-LCSD	Lab Control SpikeD	85-114	100				
211026BM-BLK	Blank	85-114	99.8				
BA43831	ERH1838	85-114	95.8				
BA43832	ERH1839	85-114	97.7				
BA43833	ERH1841	85-114	96.6				

Comments: Batch: #GRO86-211026B

EPA 8260B

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	97924
Case No:	97924	Date Analyzed:	10/26/2021
Matrix:	WATER	Instrument:	Max
Blank ID:	211026BM-BLK	Time Analyzed:	2320

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211026BM-LCS	Lab Control Spike	1026M29	10/26/2021 2223
211026BM-LCSD	Lab Control SpikeD	1026M30	10/26/2021 2251
211026BM-BLK	Blank	1026M31	10/26/2021 2320
BA43831	ERH1838	1026M32	10/26/2021 2348
BA43832	ERH1839	1026M33	10/27/2021 0016
BA43833	ERH1841	1026M34	10/27/2021 0044

Comments: Batch: #GRO86-211026B

Method Blank
EPA 8260B GRO WATER

Blank Name/QCG: **211026W-43831 - 269634**
Batch ID: #GRO86-211026BM

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	10/26/2021	10/26/2021
BLANK	SURROGATE: 4-BROMOFLUOR	99.8	85-114			%	10/26/2021	10/26/2021

Quant Method: SURR015W.
Run #: 1026M31
Instrument: Max
Sequence: 211015
Initials: DA

GC SC-Blank-REG MDLs-DOD
Printed: 10/28/2021 6:50:00 PM

EPA 8260B

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	97924
Case No:	97924	Date Analyzed:	10/26/2021
Matrix:	WATER	Instrument:	Max
LCS ID:	211026BM-LCS	Time Analyzed:	2223

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211026BM-LCS	Lab Control Spike	1026M29	10/26/2021 2223
211026BM-LCSD	Lab Control SpikeD	1026M30	10/26/2021 2251
211026BM-BLK	Blank	1026M31	10/26/2021 2320
BA43831	ERH1838	1026M32	10/26/2021 2348
BA43832	ERH1839	1026M33	10/27/2021 0016
BA43833	ERH1841	1026M34	10/27/2021 0044

Comments: Batch: #GRO86-211026B

Laboratory Control Spike Recoveries
EPA 8260B GRO WATER

APPL ID: **211026W-43831 LCS - 269634**
Batch ID: #GRO86-211026BM

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	325	357	108	119	78-122	9.4	20
SURROGATE: 4-BROMOFLUOROBENZE	25.0	24.9	25.1	99.6	100	85-114		

Comments:

Primary	SPK	DUP
Quant Method :	SURR015W.M	SURR015W.M
Extraction Date :	10/26/2021	10/26/2021
Analysis Date :	10/26/2021	10/26/2021
Instrument :	Max	Max
Run :	1026M29	1026M30
Initials :	DA	

SW846 9060A

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	97924
Case No:	97924	Date Analyzed:	10/27/2021
Matrix:	WATER	Instrument:	TICTOC
Blank ID:	211027A-BLK	Time Analyzed:	2210

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211027A-BLK	Blank	15	10/27/2021 2210
211027A-LCS	Lab Control Spike	16	10/27/2021 2255
211027A-LCSD	Lab Control SpikeD	17	10/27/2021 2341
BA43832	ERH1839	18	10/28/2021 0027

Comments: Batch: #TOCW5-211027A

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	10/27/21	10/27/21	#TOCW5-211027A-BA43151

Wetlab SC-Blank-REG MDLs
Printed: 11/11/2021 1:52:24 PM

SW846 9060A

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	97924
Case No:	97924	Date Analyzed:	10/27/2021
Matrix:	WATER	Instrument:	TICTOC
LCS ID:	211027A-LCS	Time Analyzed:	2255

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211027A-BLK	Blank	15	10/27/2021 2210
211027A-LCS	Lab Control Spike	16	10/27/2021 2255
211027A-LCSD	Lab Control SpikeD	17	10/27/2021 2341
BA43832	ERH1839	18	10/28/2021 0027

Comments: Batch: #TOCW5-211027A

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	5.12	5.07	102	101	0.98	20	80-120	10/27/21	10/27/21	10/27/21	10/27/21	#TOCW5-211027A-BA431

Comments:

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

			1028003.D	1028004.D	1028005.D	1028006.D	1028007.D	1028008.D	1028009.D								
		Compound	1	2	3	4	5	6	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		
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
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34																	
35																	

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

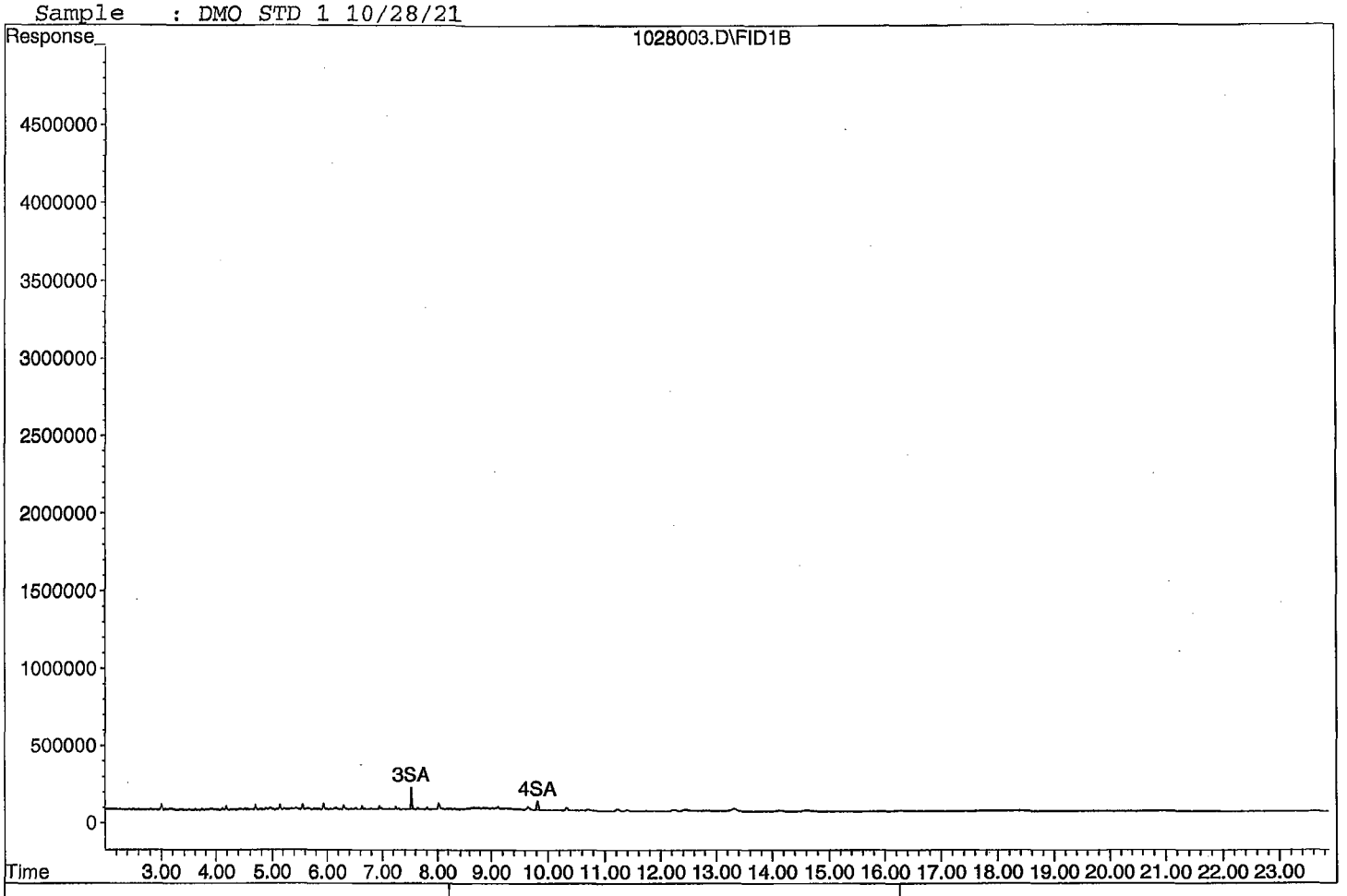
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

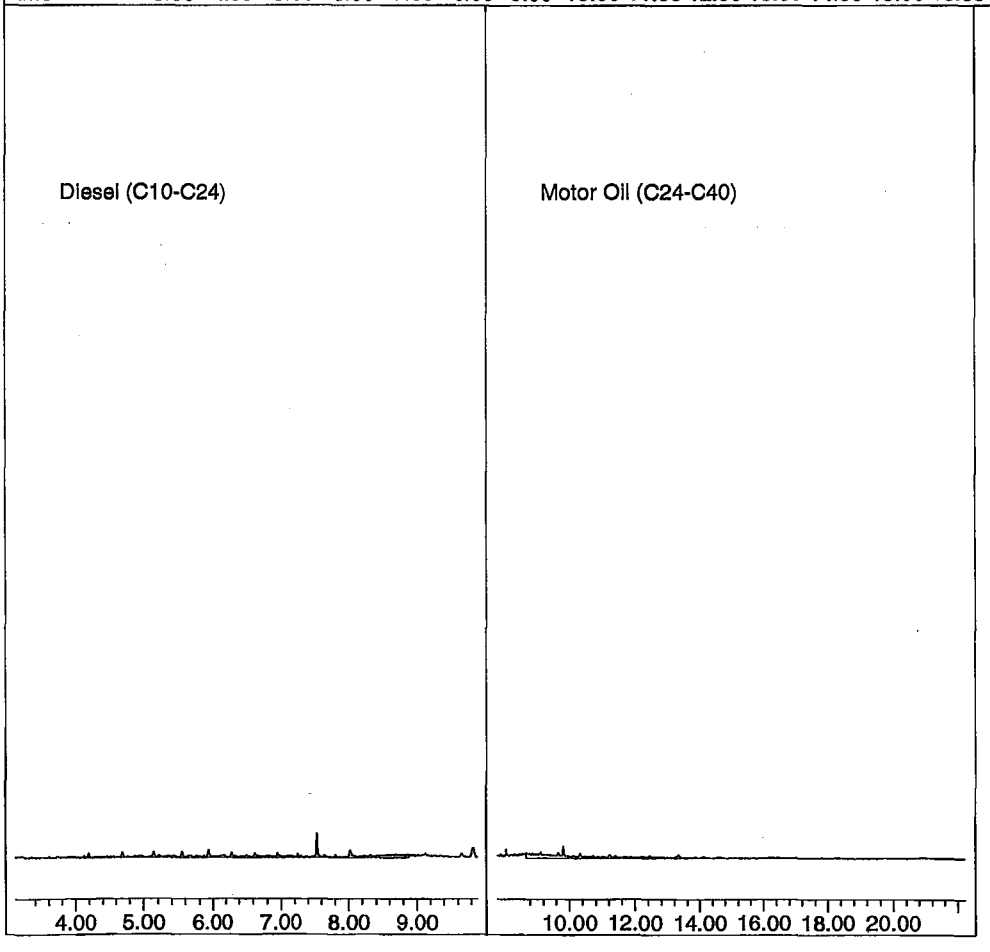
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
3) SA Ortho-Terphenyl(S)	7.53	1818617	0.291	ppb
Surrogate Spike 30.000	Recovery =		0.97%	
4) SA Octacosane(S)	9.82	1234601	0.273	ppb
Surrogate Spike 30.000	Recovery =		0.91%	
Target Compounds				
1) HATM Diesel (C10-C24)	6.49	29838086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

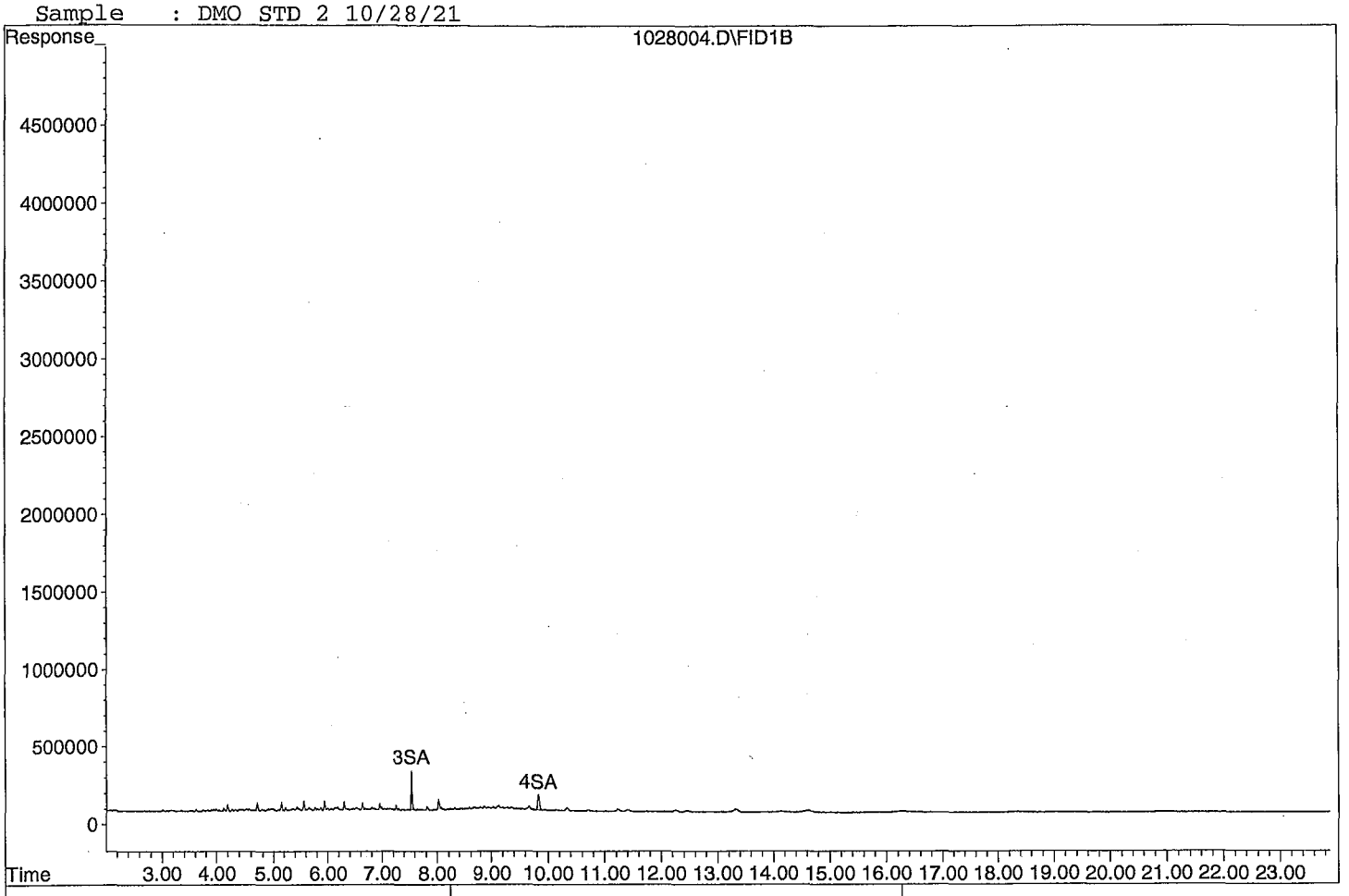
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

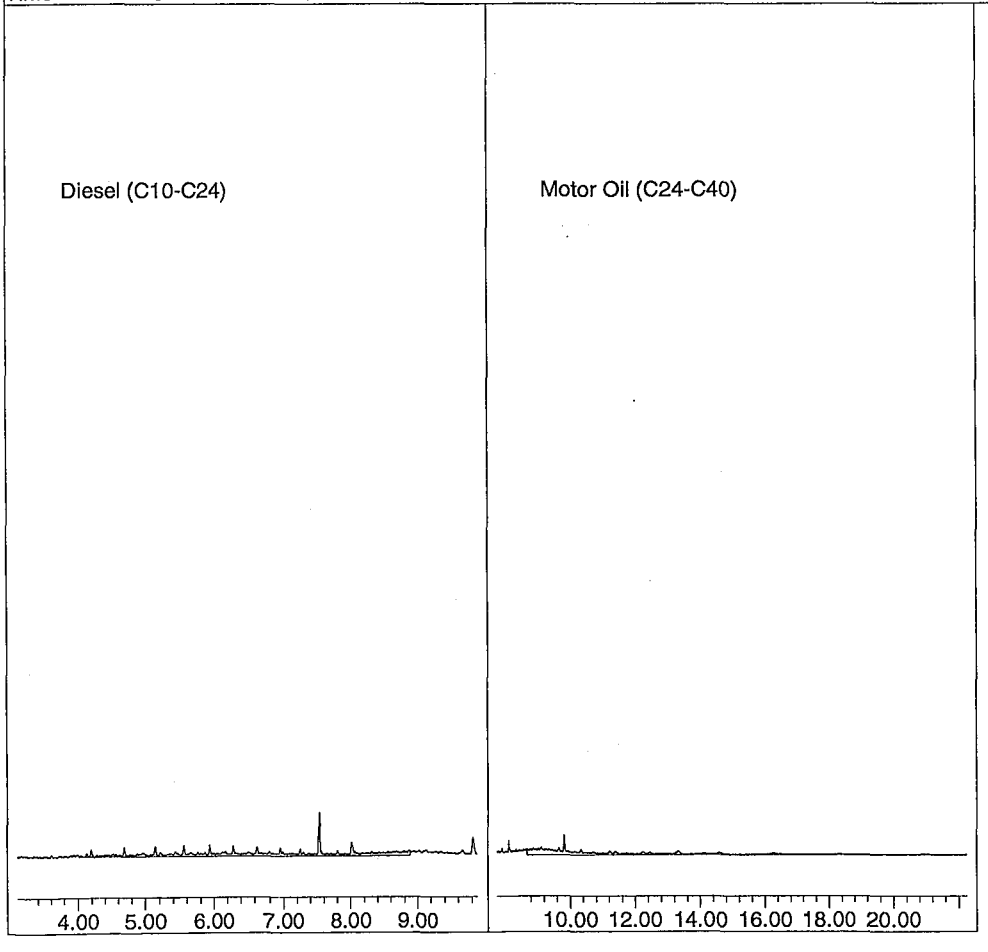
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

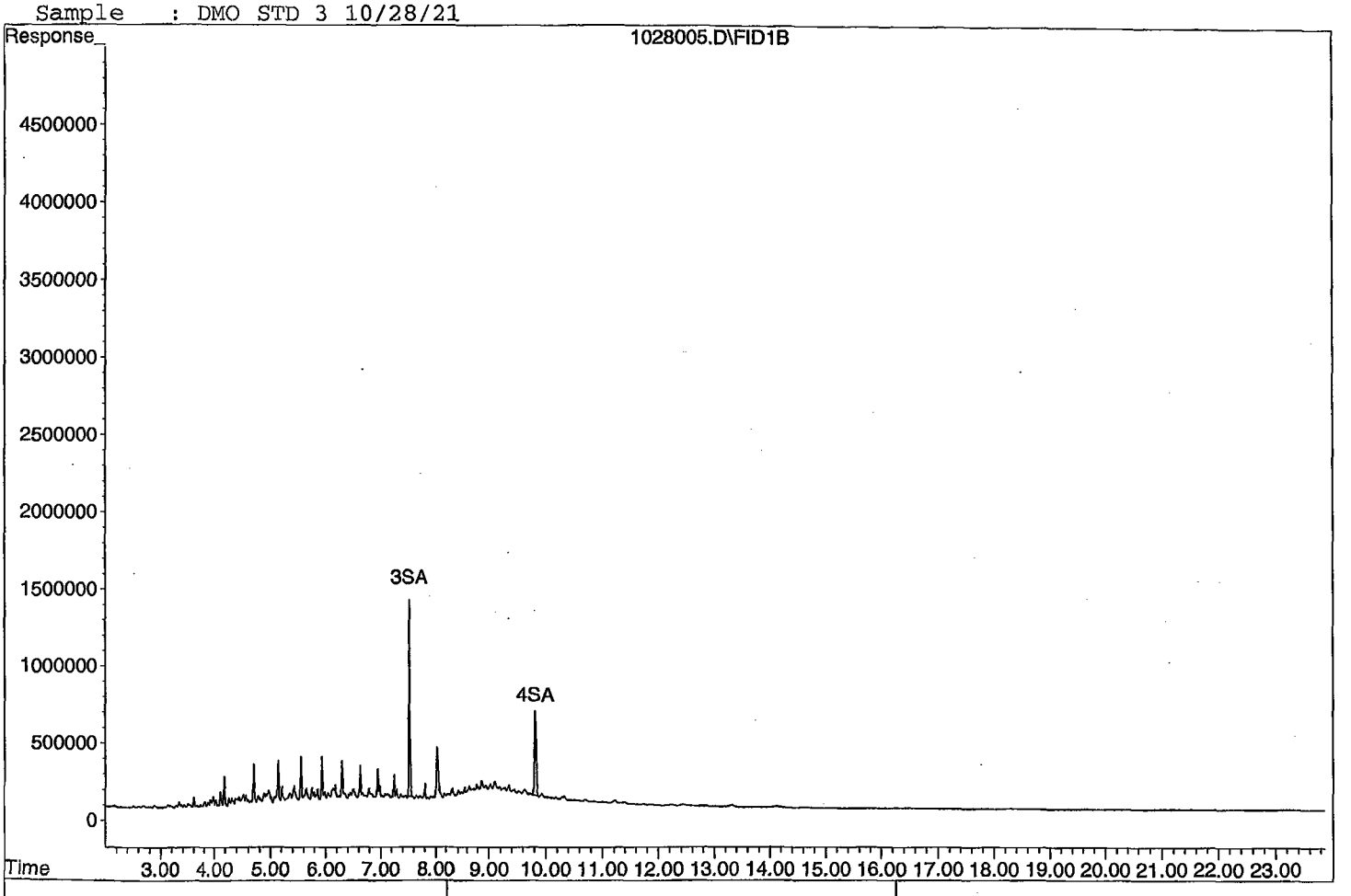
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

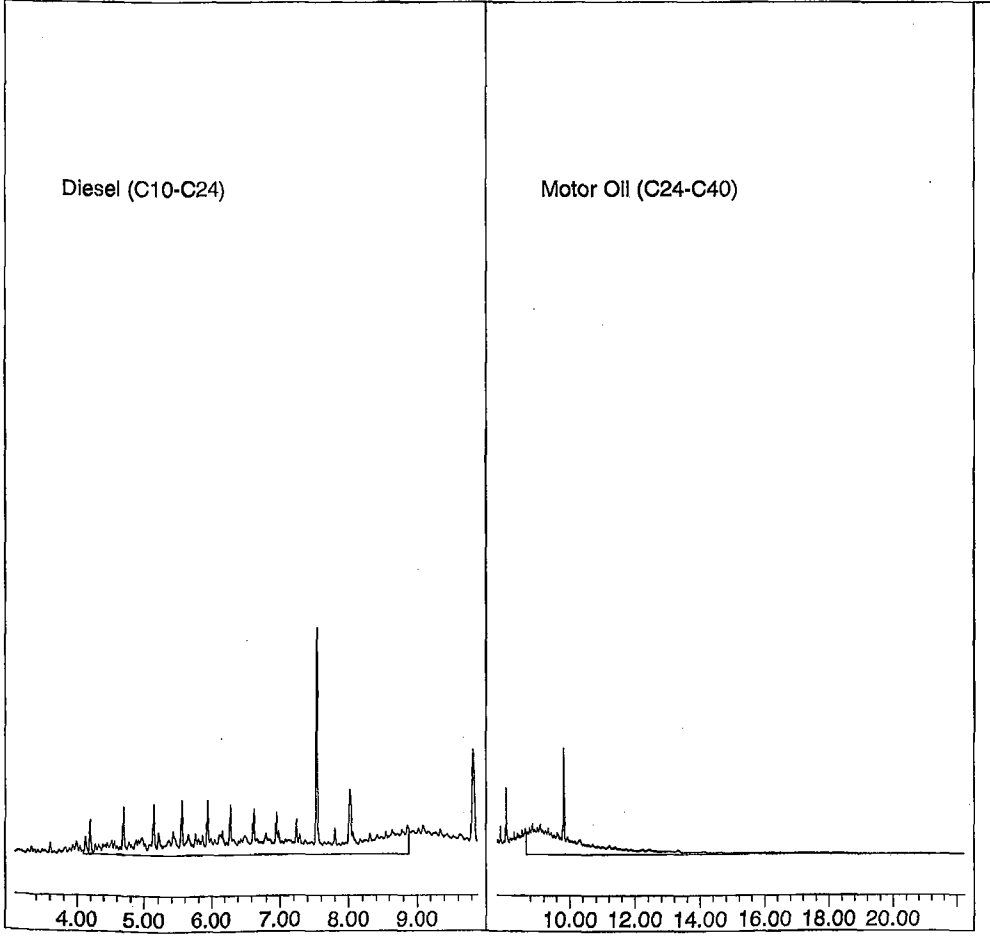
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

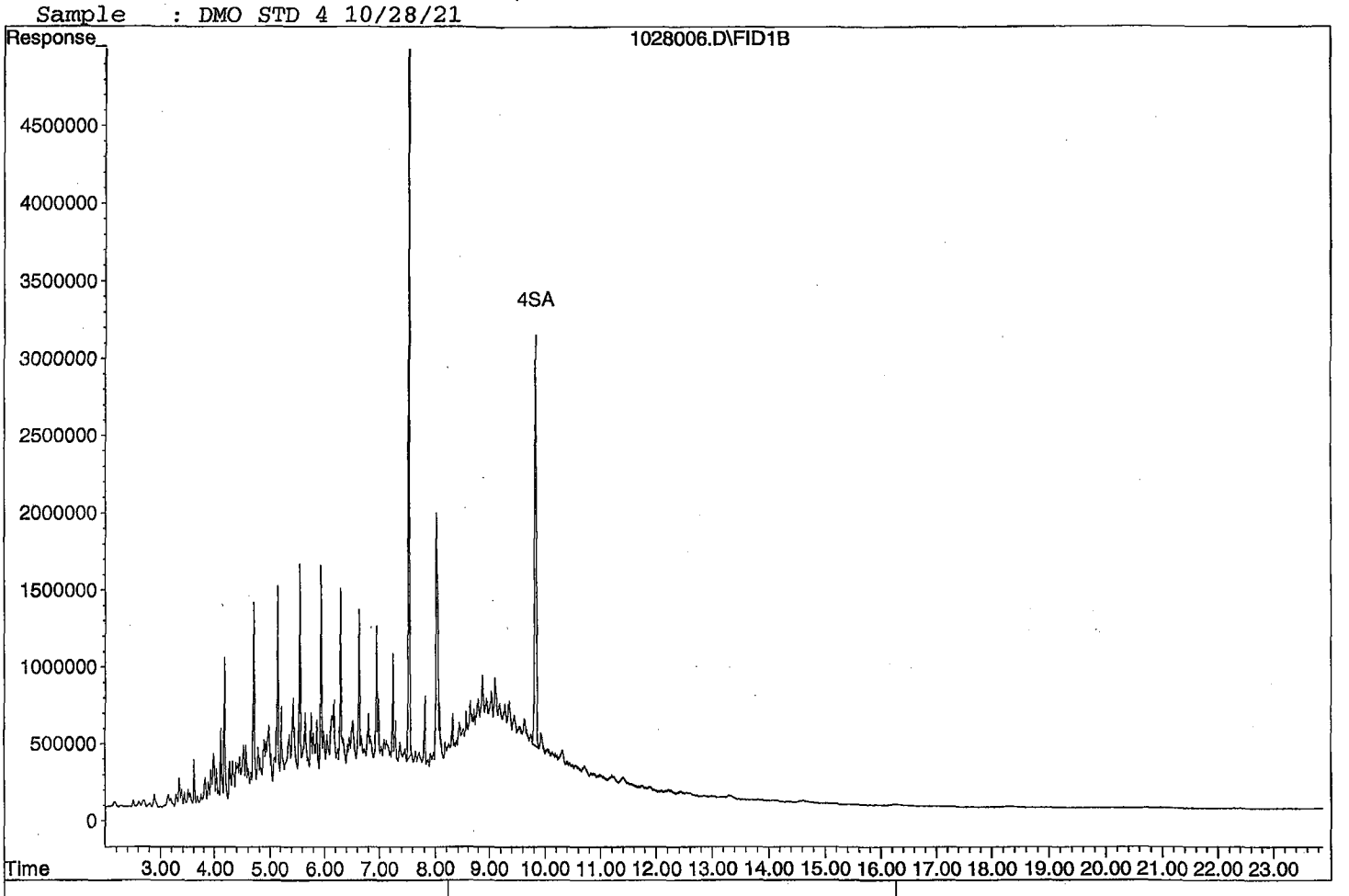
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

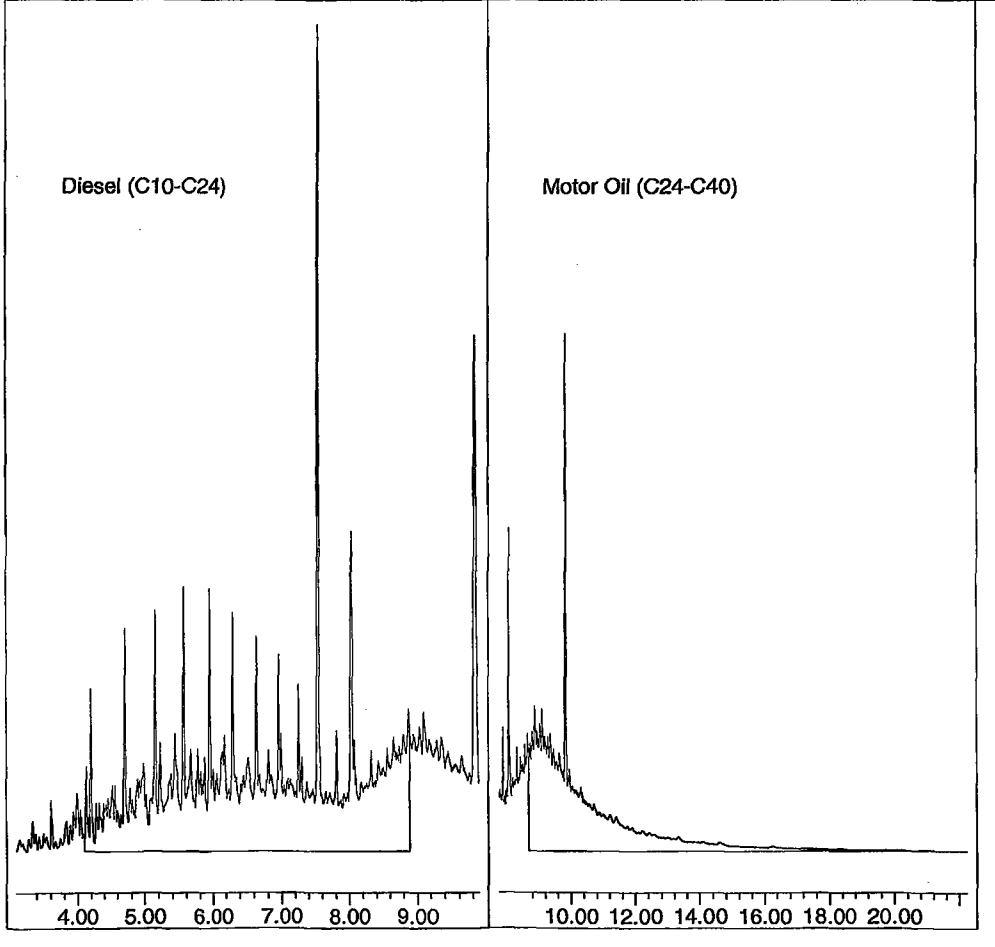
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	75891940	12.133 ppb
Surrogate Spike 30.000		Recovery =	40.44%
4) SA Octacosane(S)	9.82	56888797	12.578 ppb
Surrogate Spike 30.000		Recovery =	41.93%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1209470396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

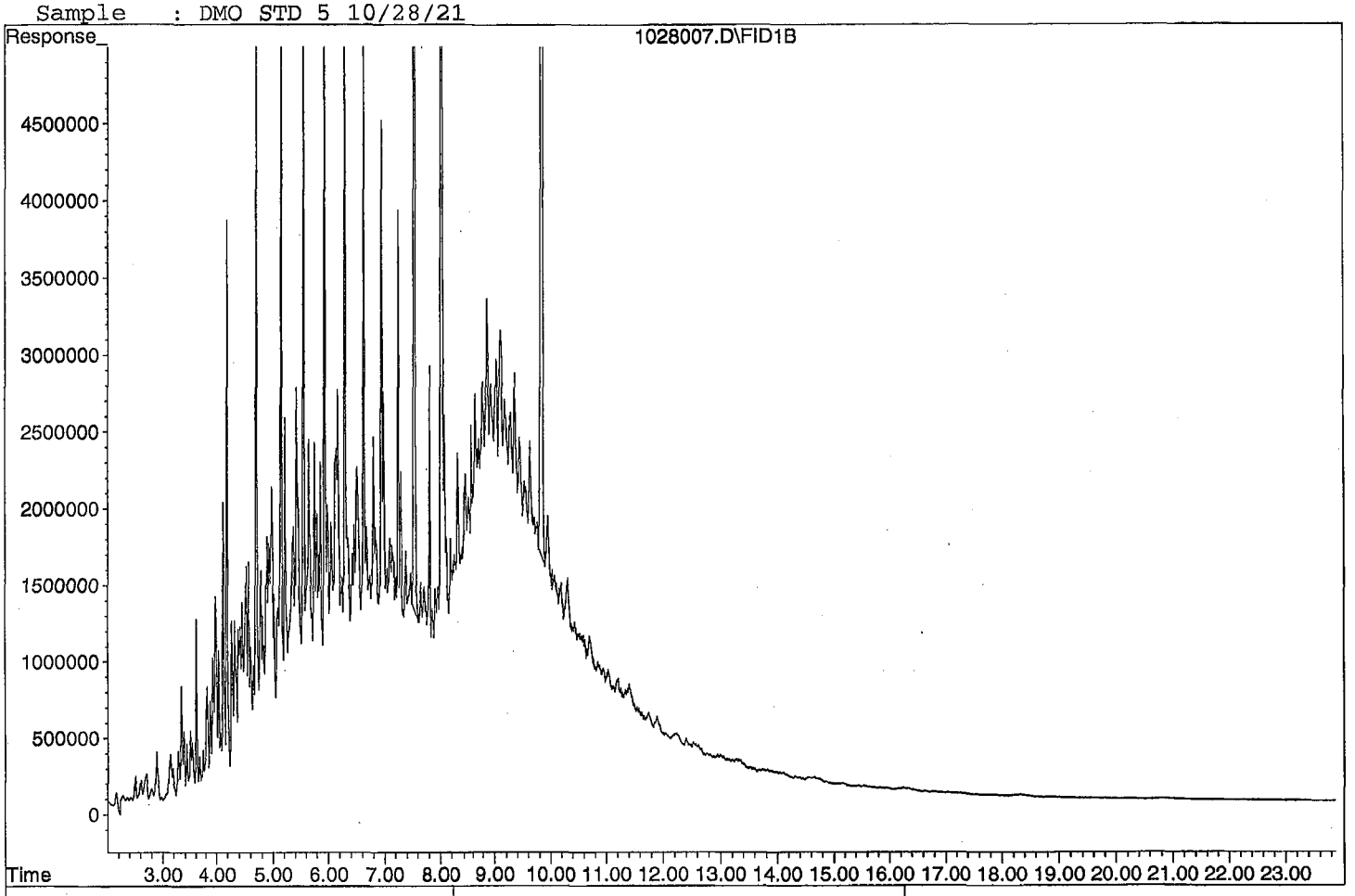
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

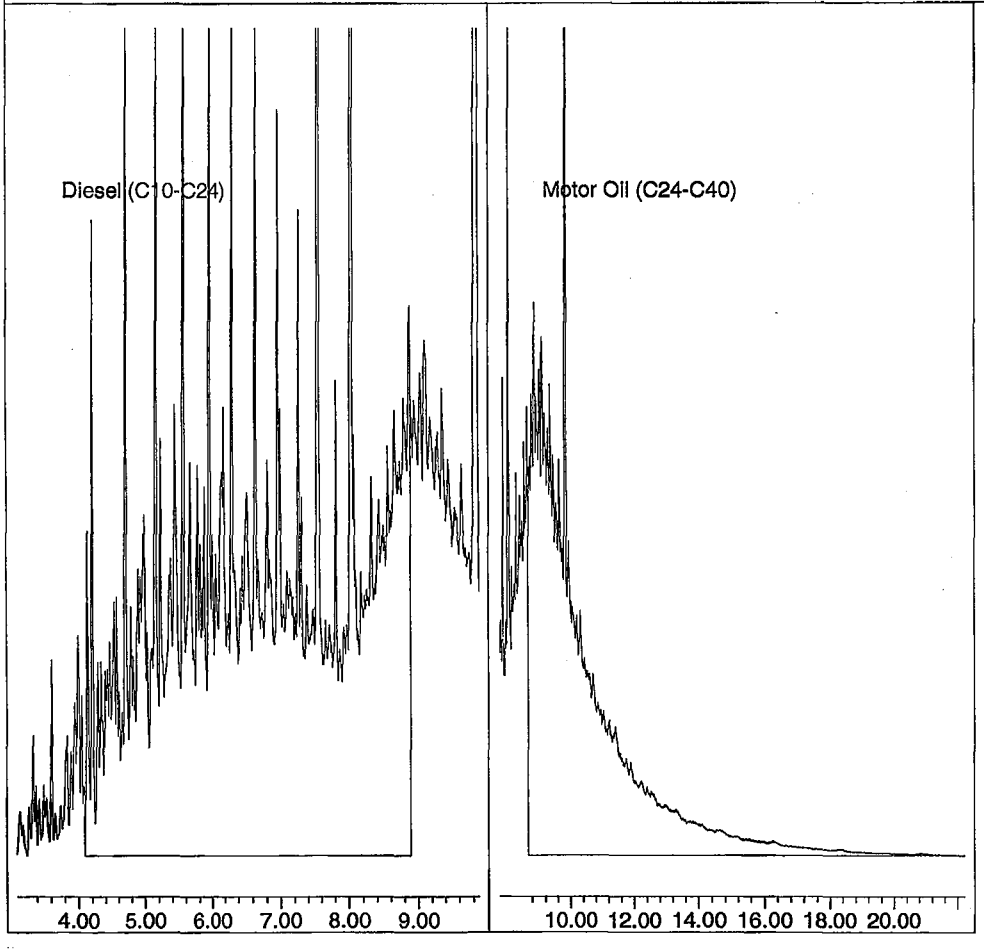
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

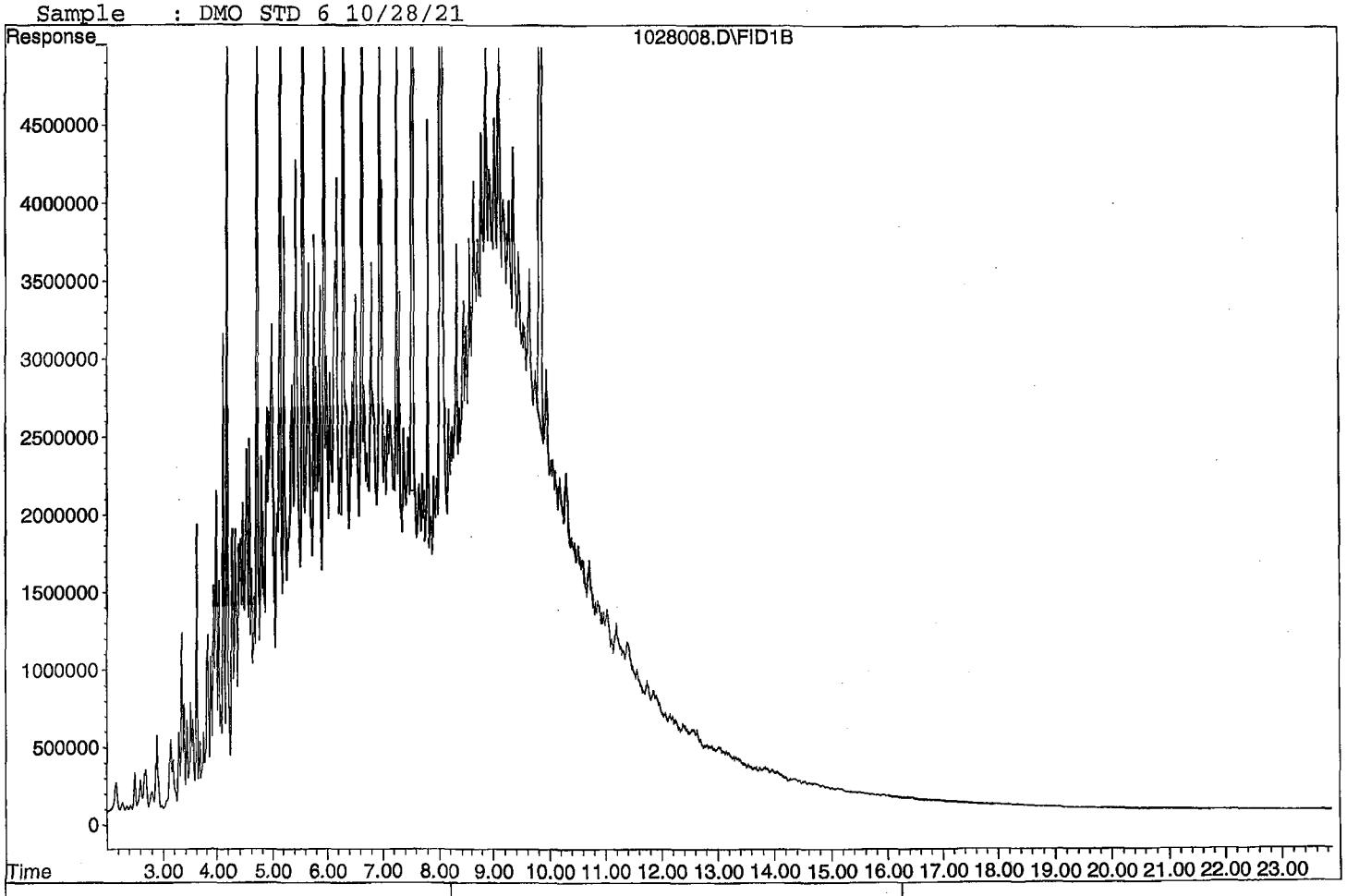
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

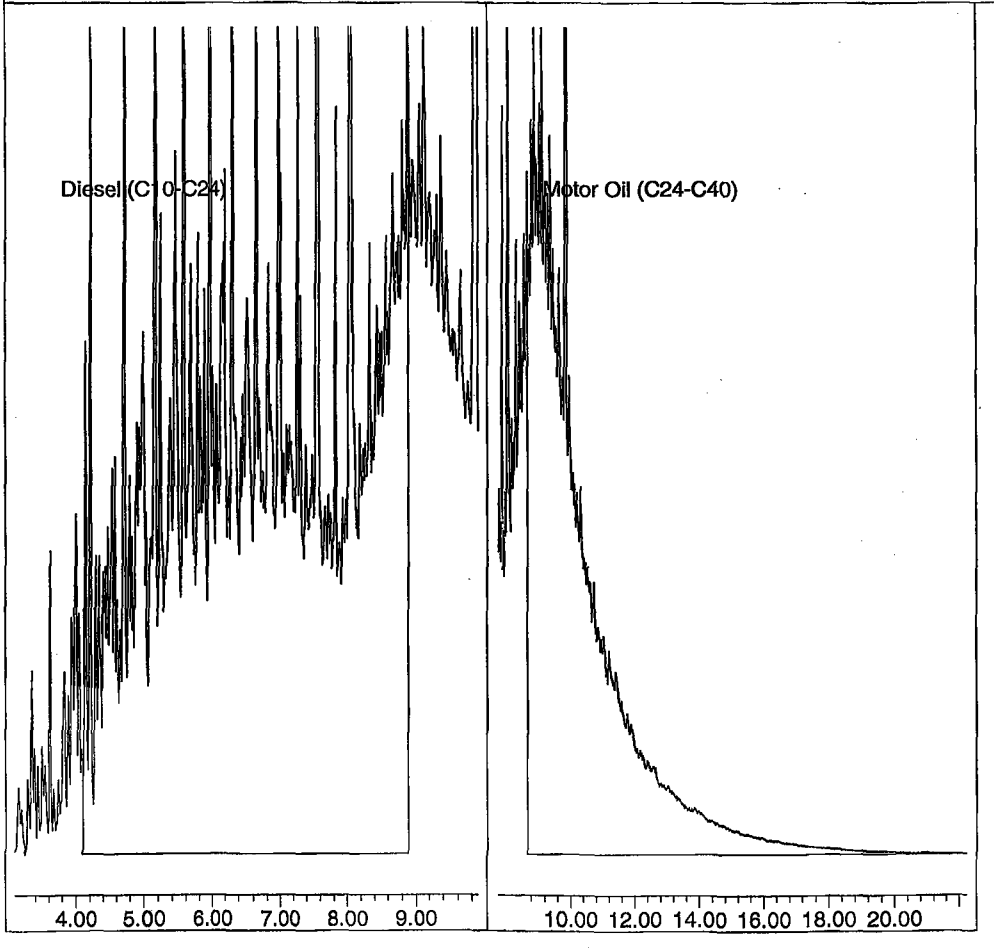
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

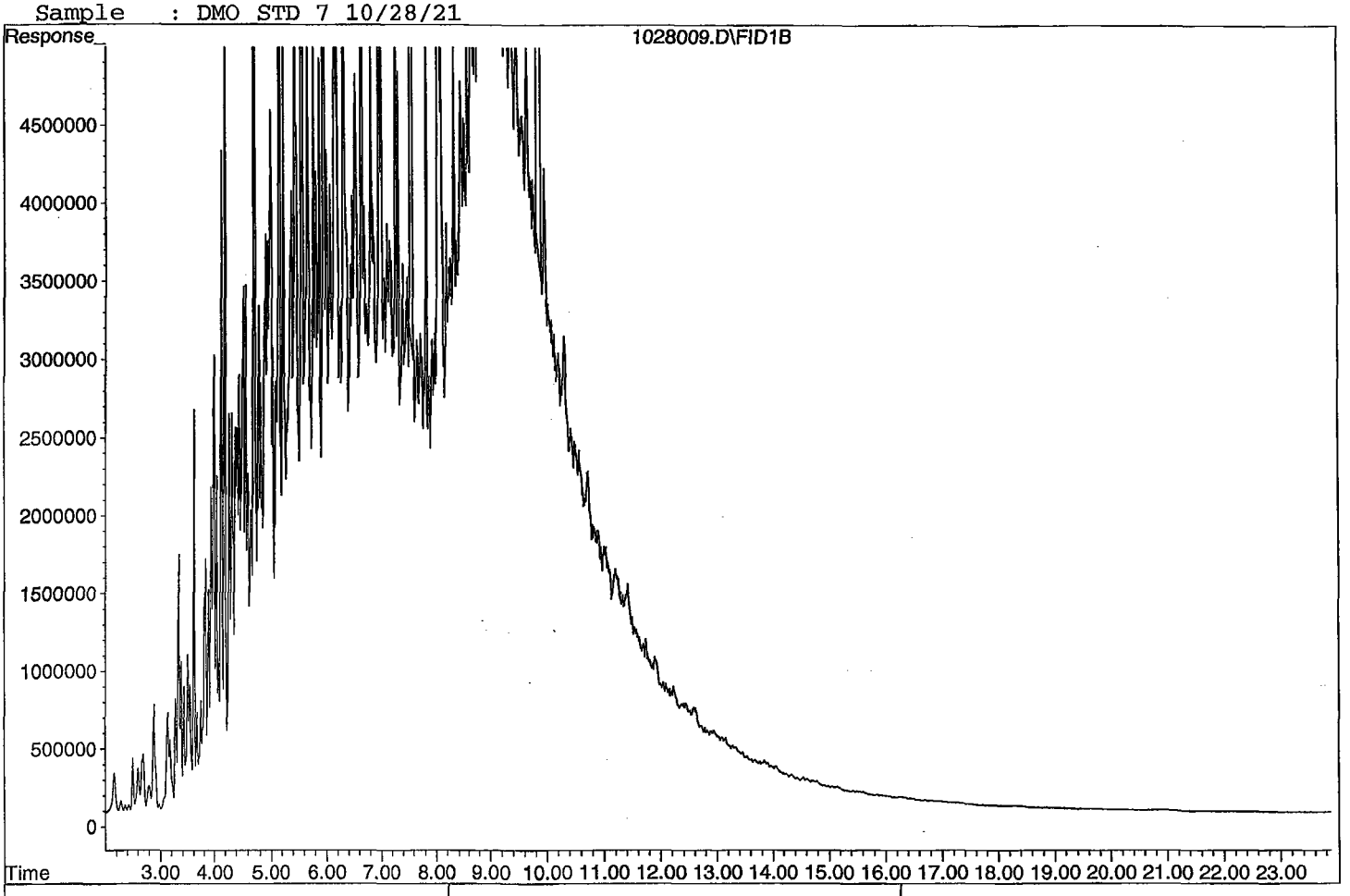
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

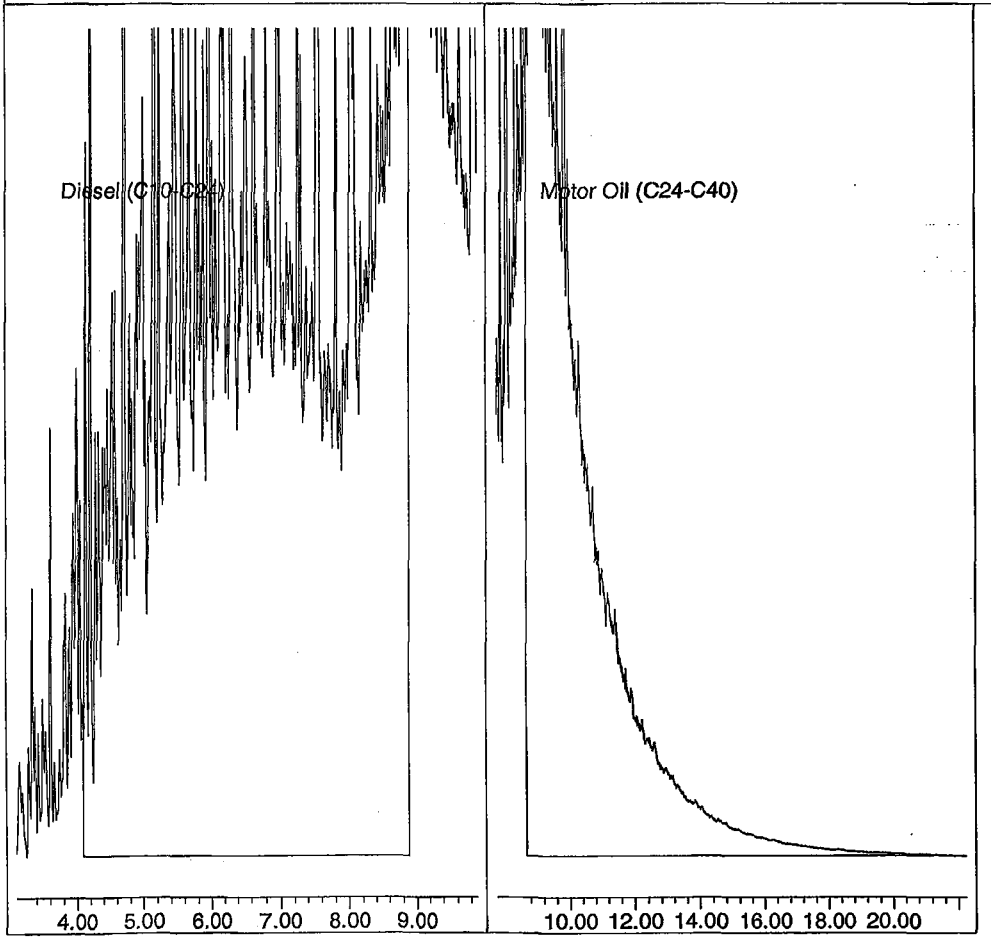
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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
3							
4							
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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

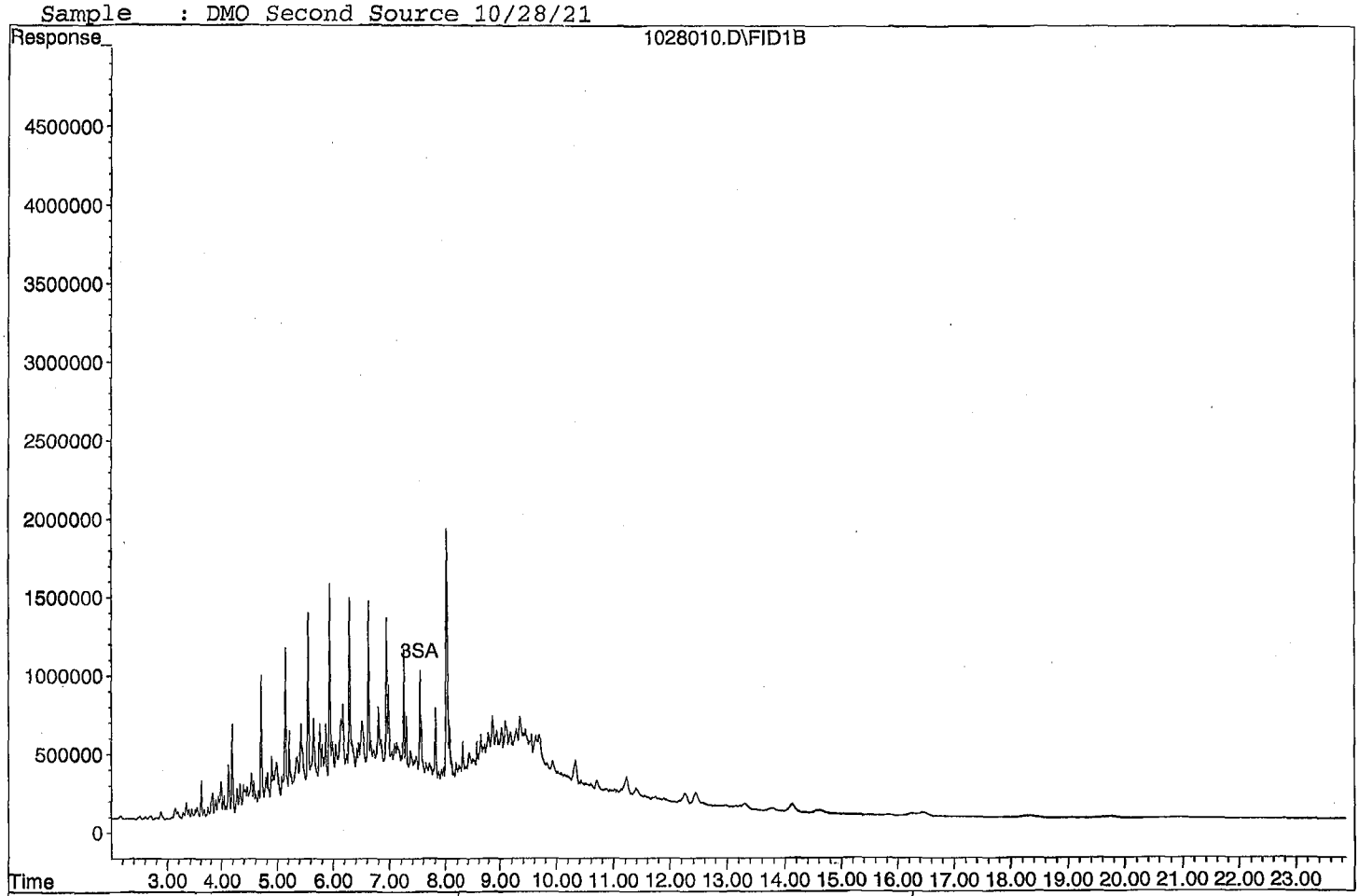
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

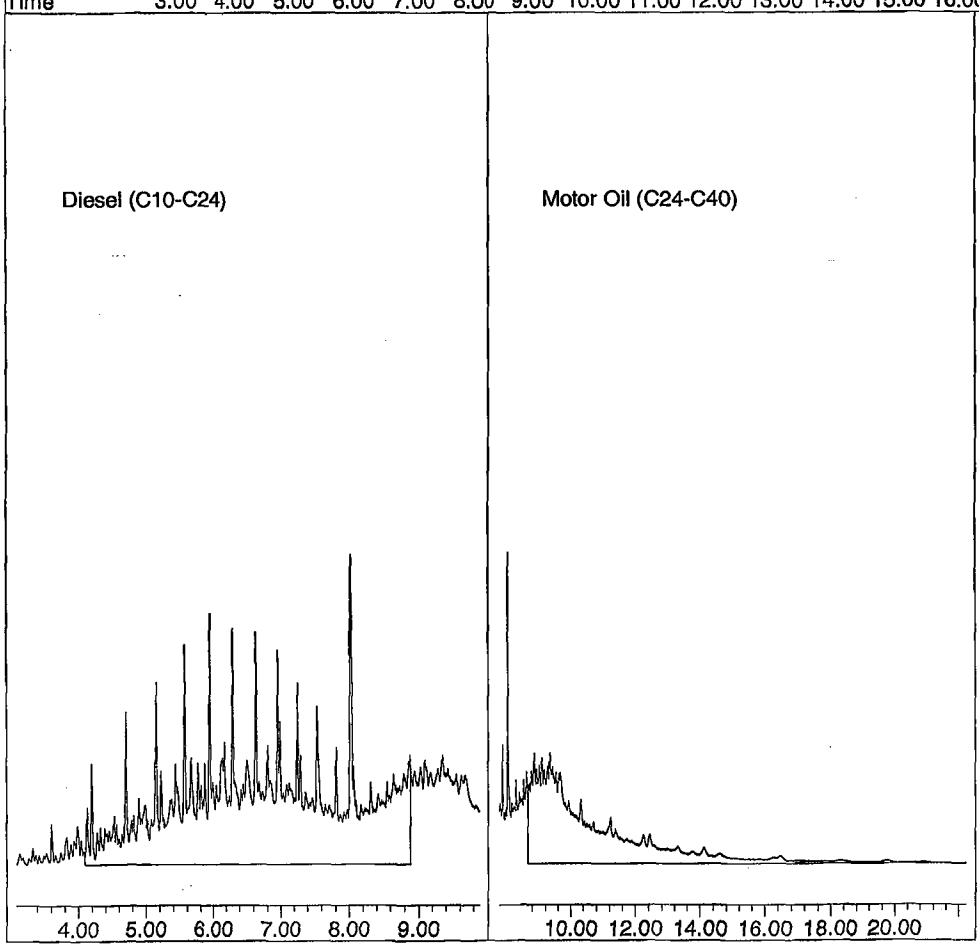
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	4250105	0.679 ppb
Surrogate Spike 30.000	Recovery	=	2.26%
4) SA Octacosane(S)	9.83	-3553	N.D. ppb
Surrogate Spike 30.000	Recovery	=	0.00%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1133202337	225.139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

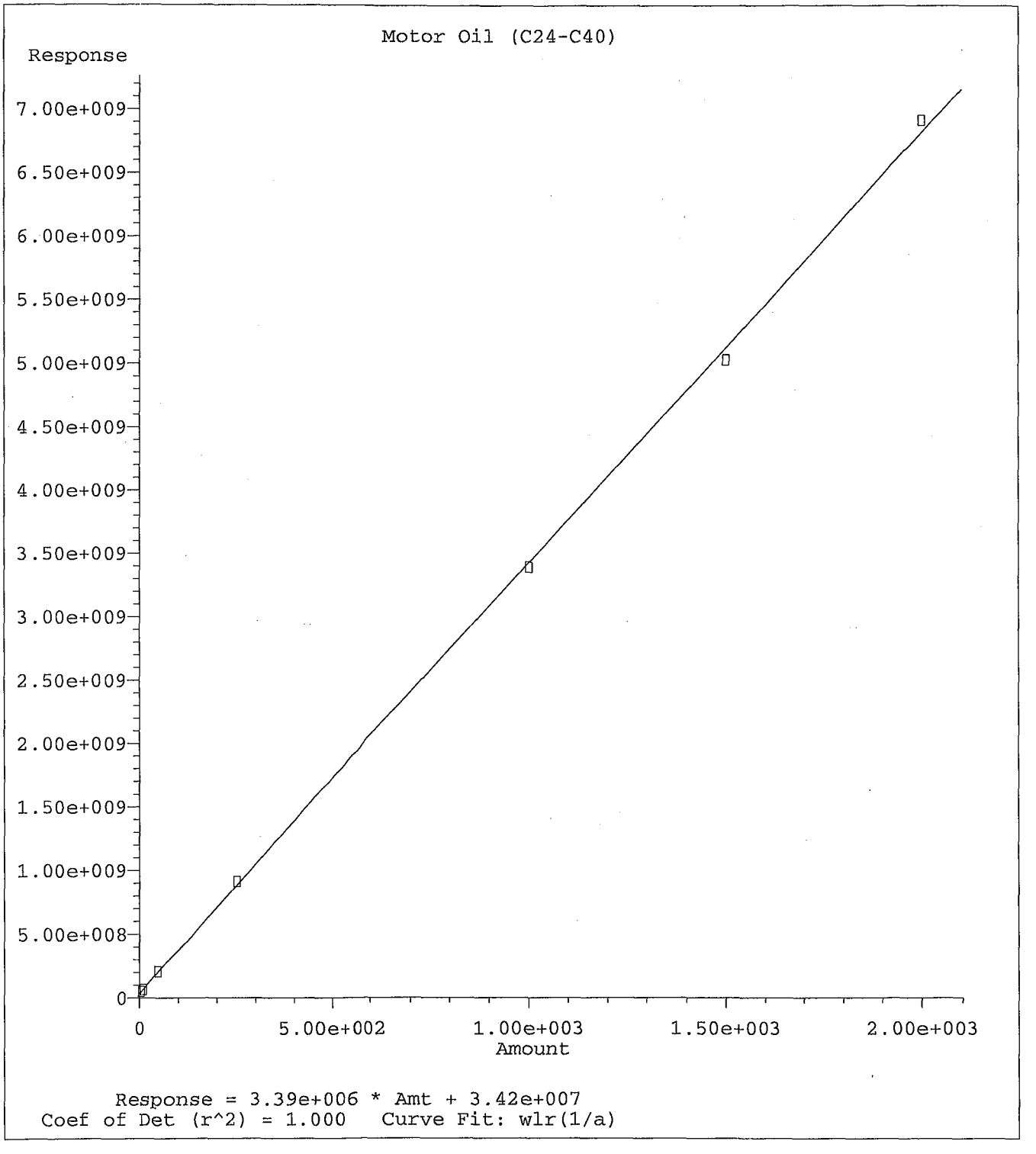
Target Compounds

(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: 10/29/2021
Instrument: Apollo
Initial Cal. Date: 10/28/2021
Data File: 1028043.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2516670	2627520	4.4	HATM	
2	HBTM	Motor Oil (C24-C40)	2492040	1962080	21	HBTML	12
3	SA	Ortho-Terphenyl(S)	3127510	3281370	4.9	SA	
4	SA	Octacosane(S)	2261430	2393010	5.8	SA	
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		Average			9.0		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211028\1028043.D Vial: 43
Acq On : 10-29-21 4:24:10 Operator: KA
Sample : DMO LVL4 CCV 10/27/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 30 8:19 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

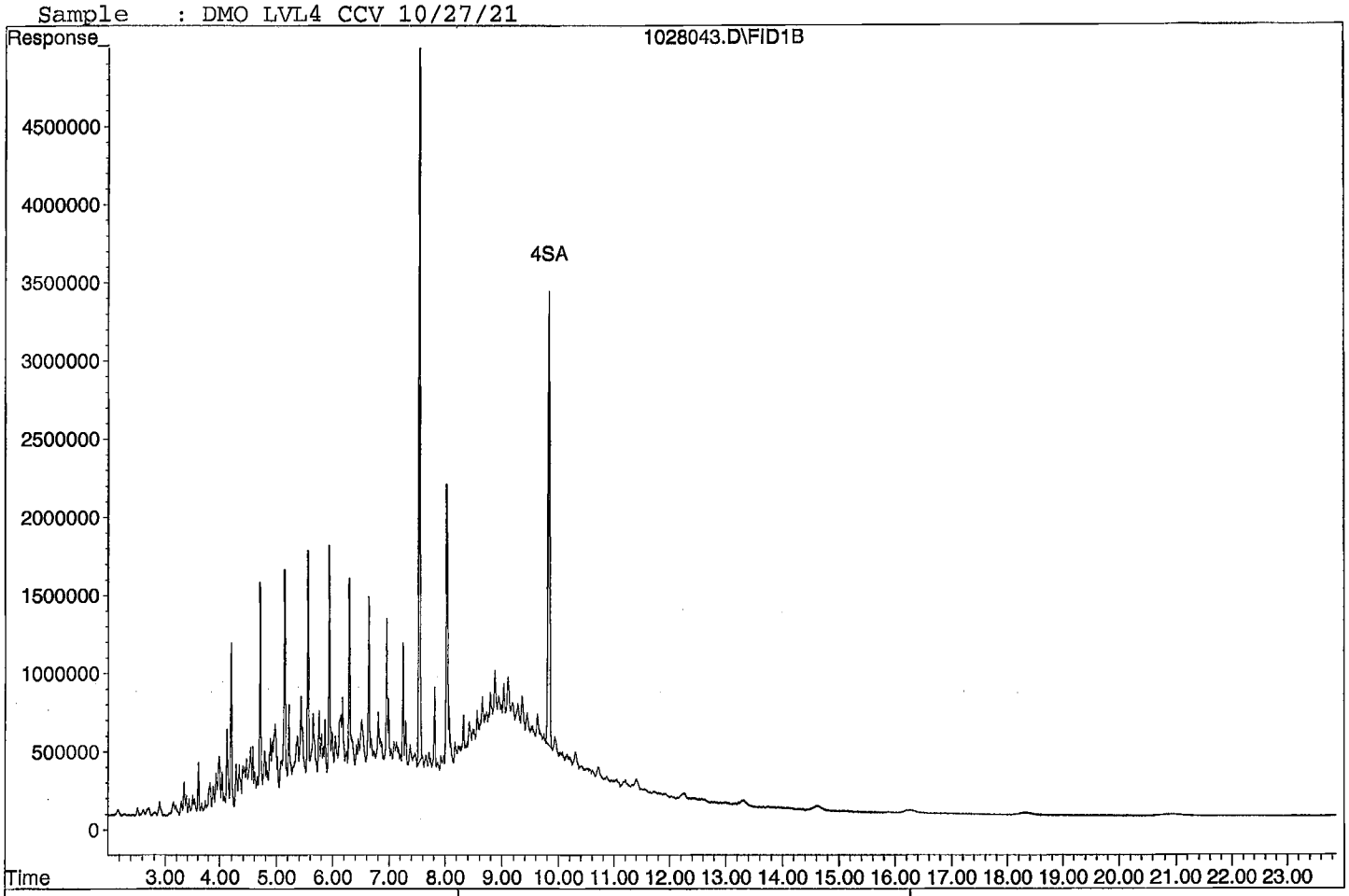
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

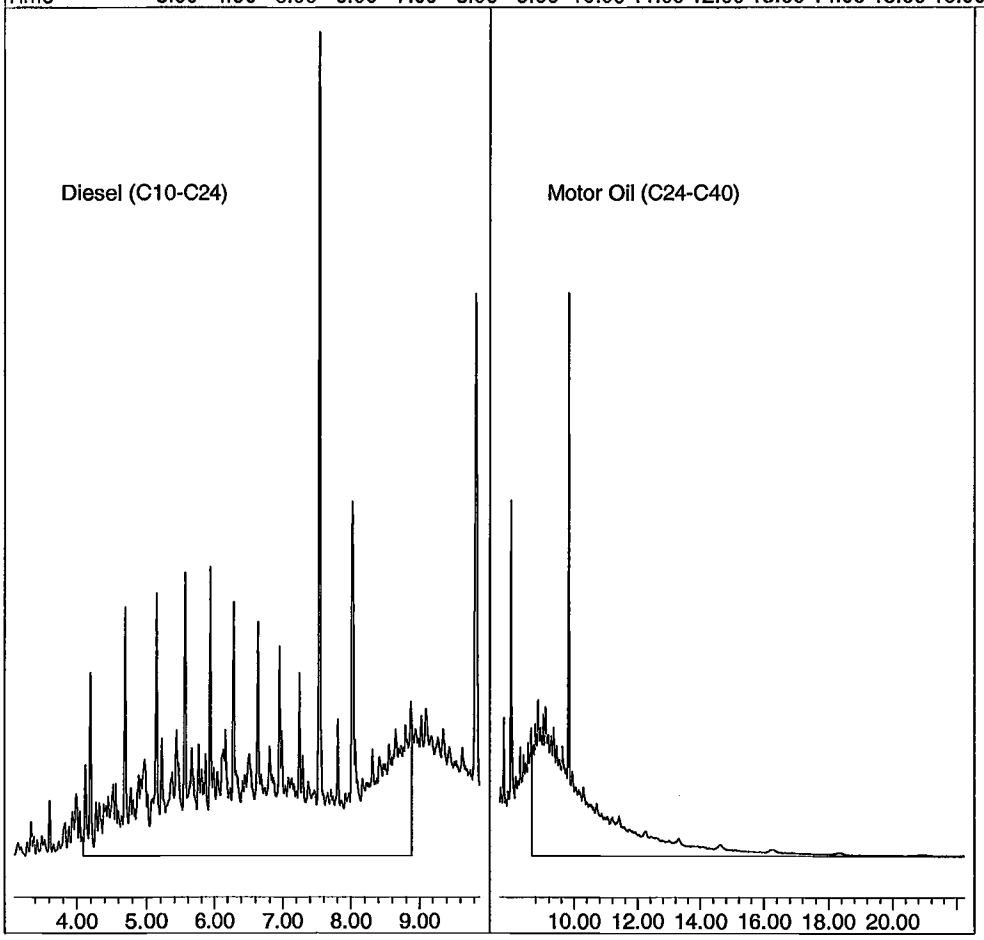
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	82034252	13.115 ppb
Surrogate Spike 30.000	Recovery =		43.72%
4) SA Octacosane(S)	9.82	59825175	13.227 ppb
Surrogate Spike 30.000	Recovery =		44.09%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1313758948	261.011 ppb
2) HBTM Motor Oil (C24-C40)	14.96	981040049	279.160 ppb

Target Compounds

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

Data File: G:\APOLLO\DATA\211028\1028043.D
Sample : DMO LVL4 CCV 10/27/21





TPH Extractables
DOC1028

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 10/29/2021
Instrument: Apollo
Initial Cal. Date: 10/28/2021
Data File: 1028056.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2516670	2559460	1.7	HATM	
2	HBTM	Motor Oil (C24-C40)	2492040	1851590	26	HBTML	5.1
3	SA	Ortho-Terphenyl(S)	3127510	3179000	1.6	SA	
4	SA	Octacosane(S)	2261430	2336140	3.3	SA	
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40							
		Average			8.2		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211028\1028056.D Vial: 56
Acq On : 10-29-21 10:29:10 Operator: KA
Sample : DMO LVL4 CCV 10/27/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 30 8:20 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

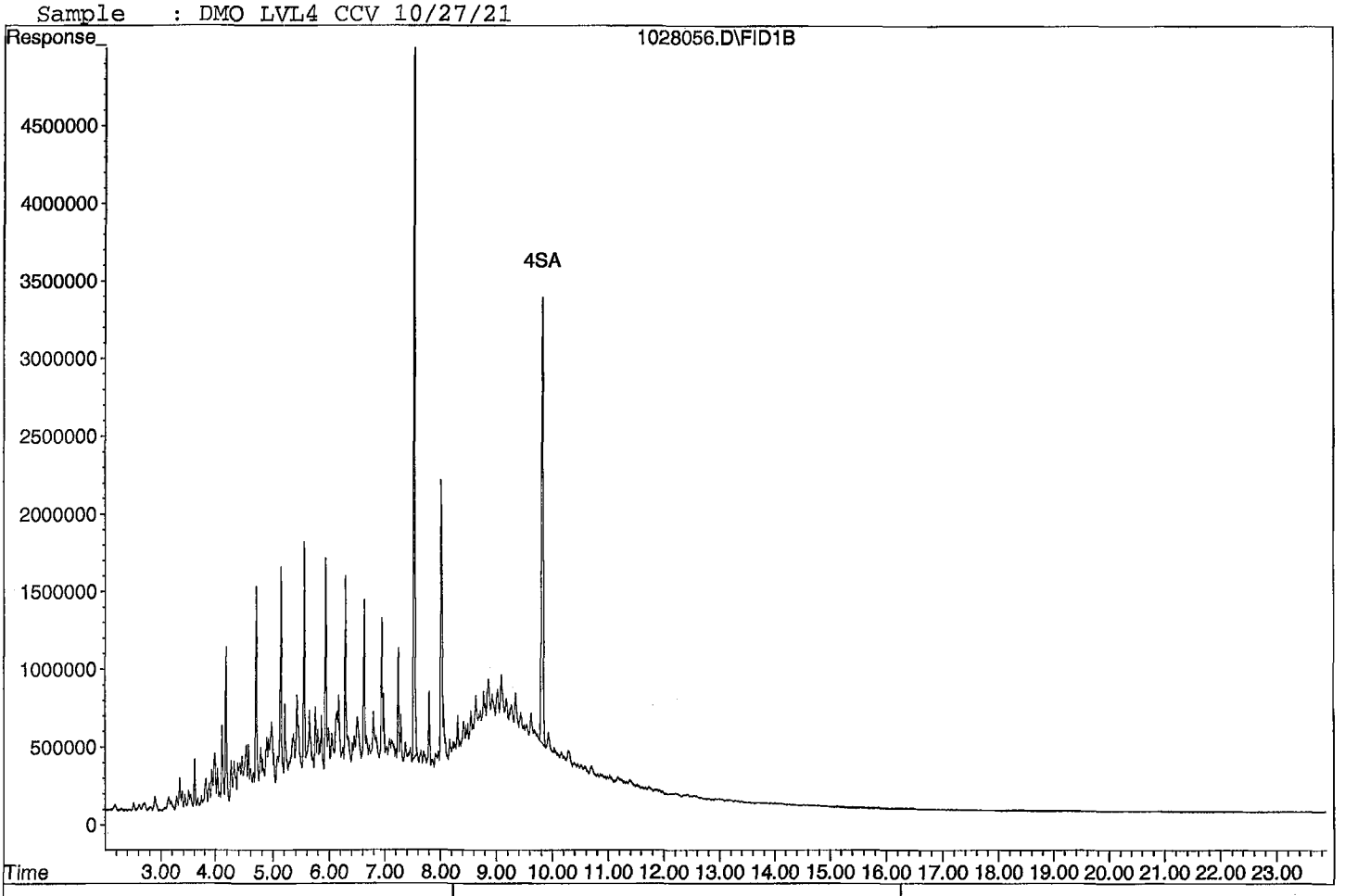
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

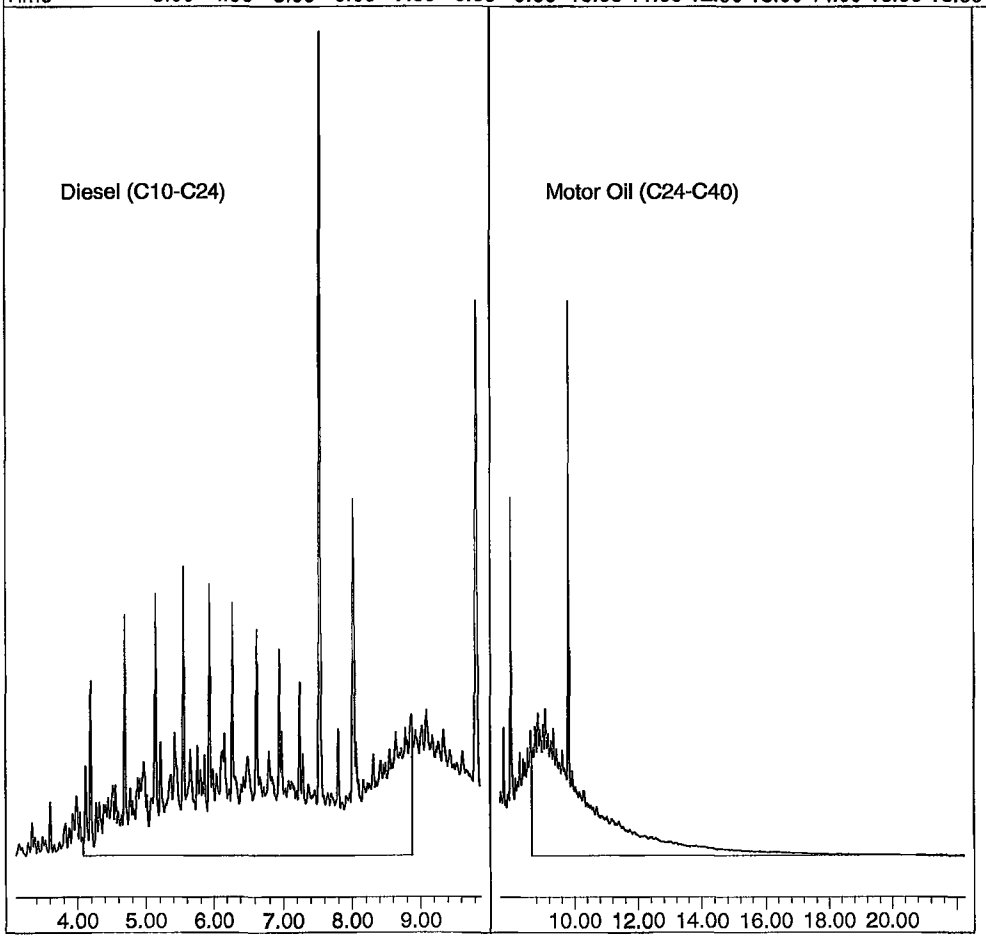
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	79475032	12.706 ppb
Surrogate Spike 30.000	Recovery =		42.35%
4) SA Octacosane(S)	9.82	58403511	12.913 ppb
Surrogate Spike 30.000	Recovery =		43.04%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1279732215	254.251 ppb
2) HBTM Motor Oil (C24-C40)	14.96	925797150	262.873 ppb

Target Compounds

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

Data File: G:\APOLLO\DATA\211028\1028056.D
Sample : DMO LVL4 CCV 10/27/21





ORGANICS
Raw Data

Quantitation Report (QT Reviewed)

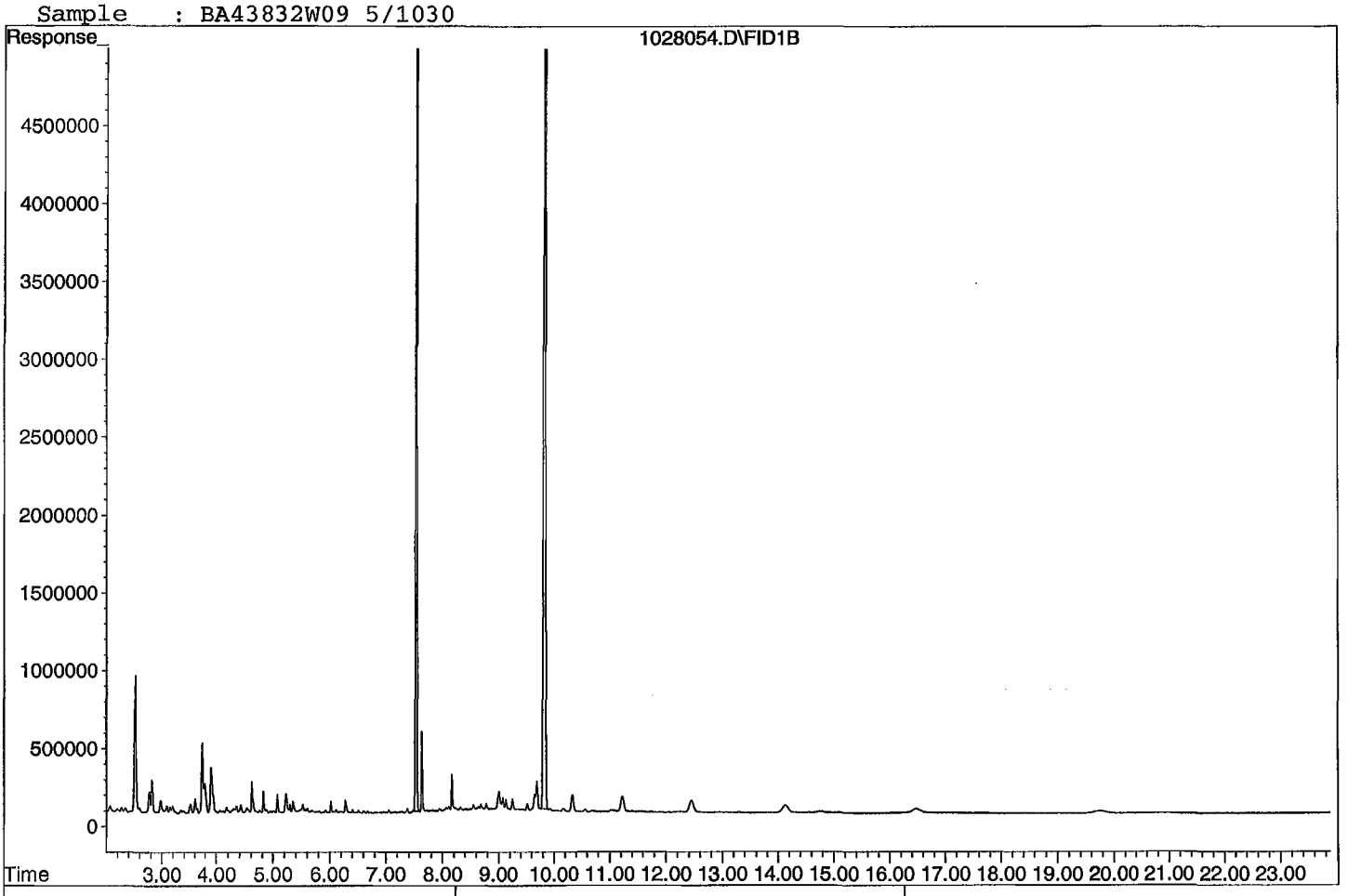
Data File : G:\APOLLO\DATA\211028\1028054.D Vial: 54
Acq On : 10-29-21 9:32:55 Operator: KA
Sample : BA43832W09 5/1030 Inst : Apollo
Misc : water Multiplr: 4.85
IntFile : events.e
Quant Time: Nov 2 14:29 2021 Quant Results File: DOC1028.RES

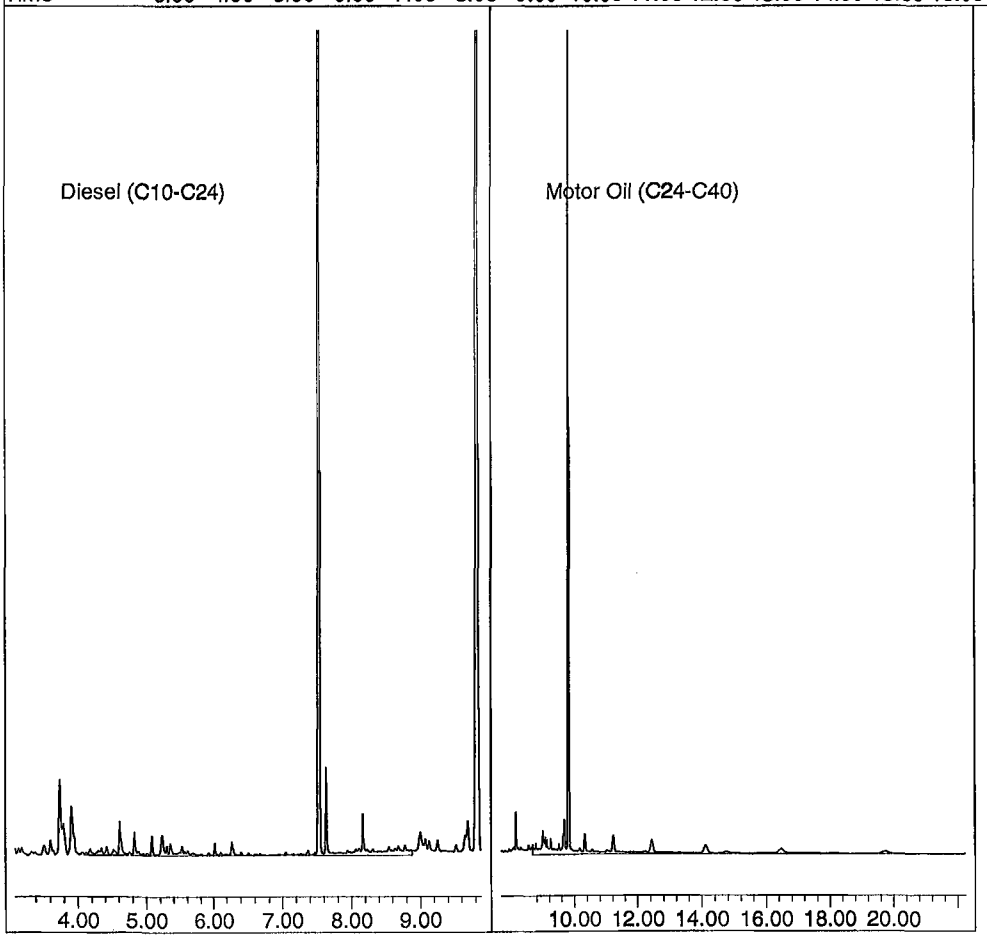
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

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	166183129	128.971 ppb
Surrogate Spike 145.631		Recovery =	88.56%
4) SA Octacosane(S)	9.83	144445338	155.033 ppb
Surrogate Spike 145.631		Recovery =	106.46%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	62924762	60.687 ppb
2) HBTM Motor Oil (C24-C40)	14.96	104452620	100.586 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\211028\1028054.D
Sample : BA43832W09 5/1030





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211028\1028055.D Vial: 55
Acq On : 10-29-21 10:01:02 Operator: KA
Sample : BA43833W07 5/1030 Inst : Apollo
Misc : water Multiplr: 4.85
IntFile : events.e
Quant Time: Nov 2 14:29 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

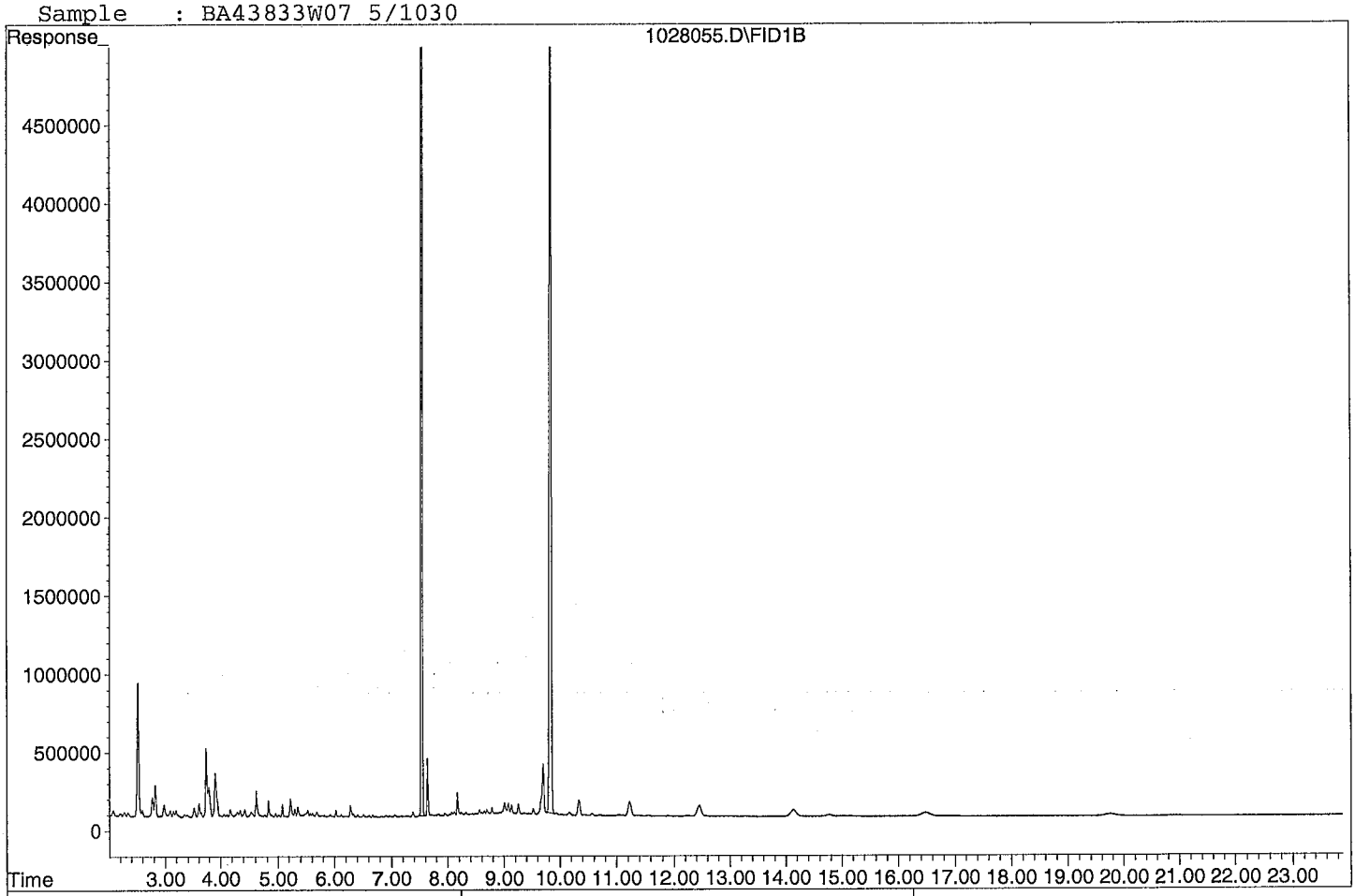
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

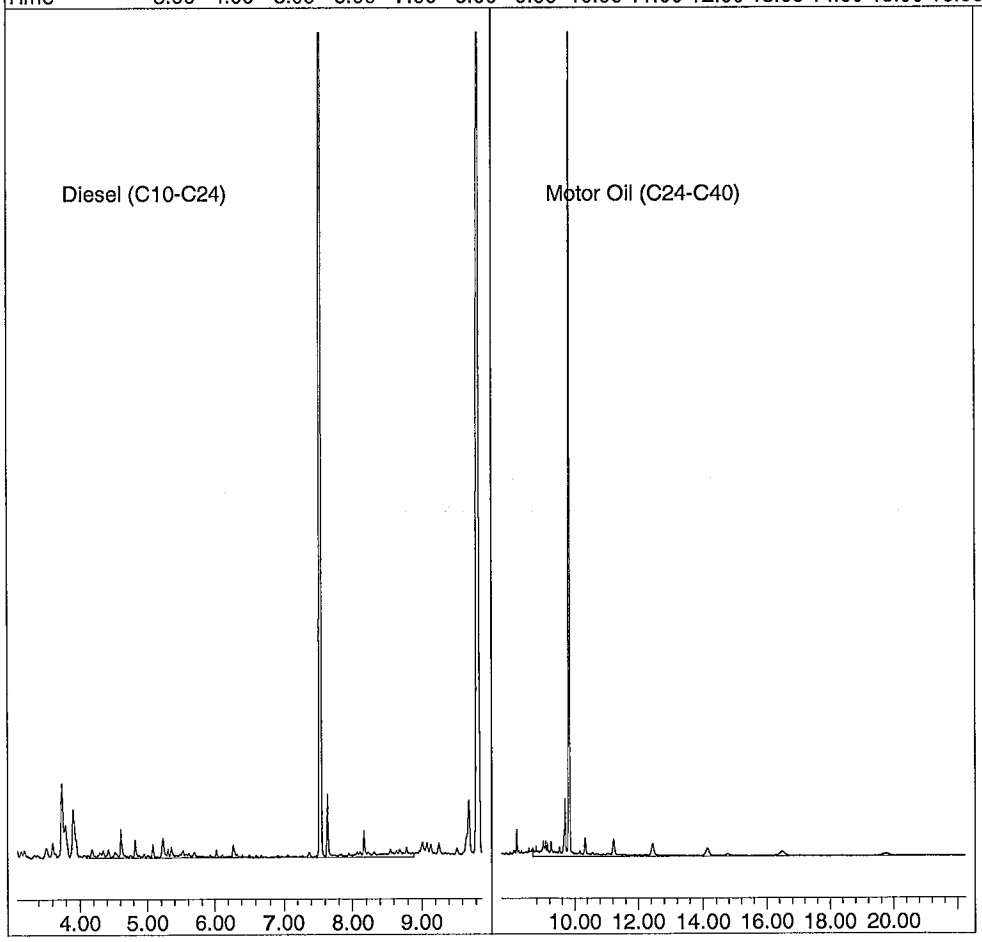
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	159024113	123.415 ppb
Surrogate Spike 145.631		Recovery =	84.74%
4) SA Octacosane(S)	9.83	137841941	147.945 ppb
Surrogate Spike 145.631		Recovery =	101.59%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	52768965	50.893 ppb
2) HBTM Motor Oil (C24-C40)	14.96	96371791	89.020 ppb

Target Compounds

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

Data File: G:\APOLLO\DATA\211028\1028055.D
Sample : BA43833W07 5/1030





Quantitation Report (QT Reviewed)

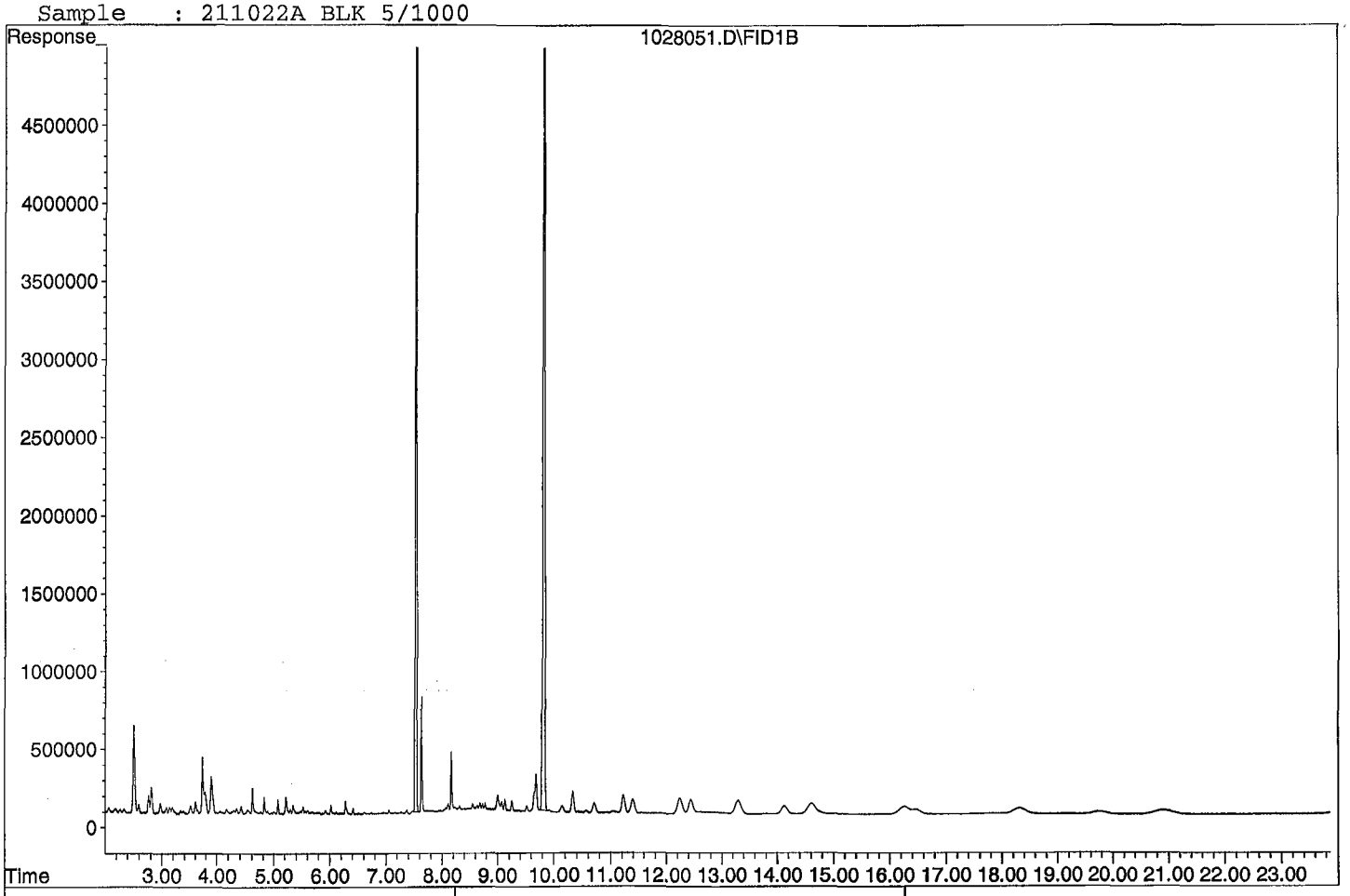
Data File : G:\APOLLO\DATA\211028\1028051.D Vial: 51
Acq On : 10-29-21 8:08:42 Operator: KA
Sample : 211022A BLK 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 2 14:26 2021 Quant Results File: DOC1028.RES

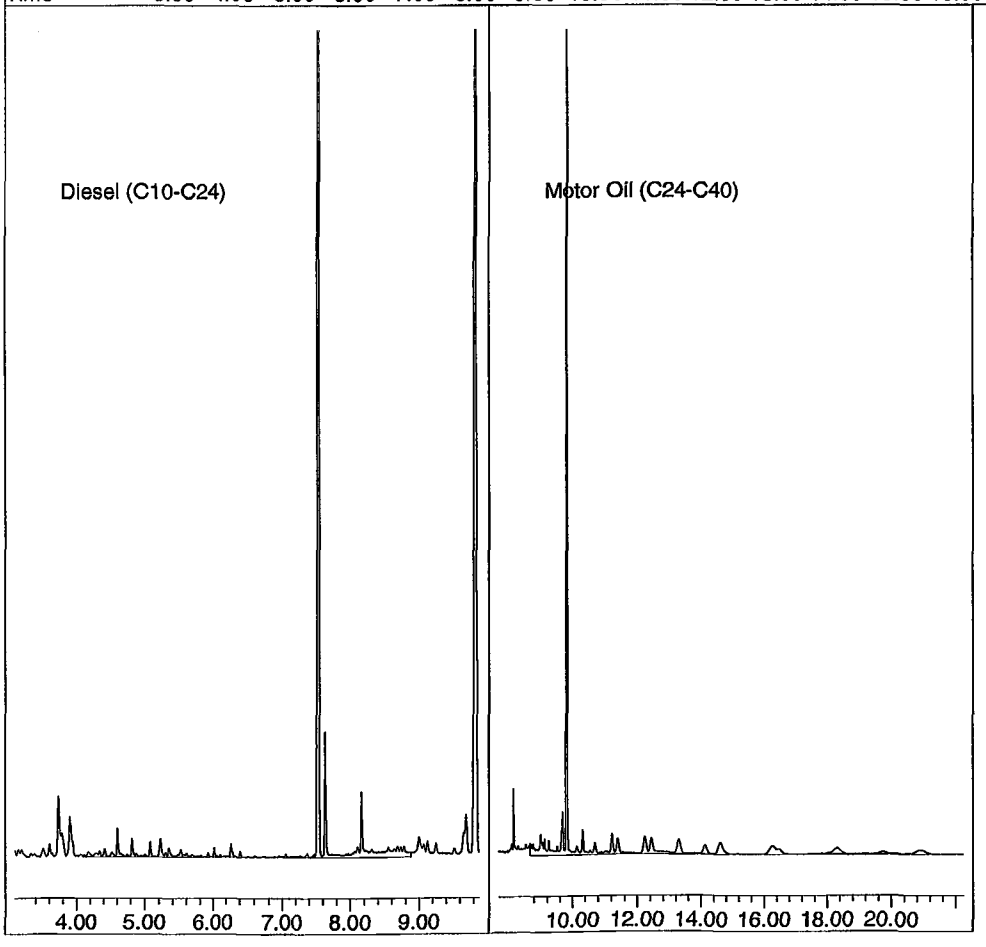
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

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	148426883	118.646 ppb
Surrogate Spike 150.000		Recovery =	79.10%
4) SA Octacosane(S)	9.83	129184112	142.813 ppb
Surrogate Spike 150.000		Recovery =	95.21%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	65458597	65.025 ppb
2) HBTM Motor Oil (C24-C40)	14.96	144701759	162.935 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\211028\1028051.D
Sample : 211022A BLK 5/1000





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211028\1028052.D Vial: 52
Acq On : 10-29-21 8:36:45 Operator: KA
Sample : 211022A LCS-1 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 2 14:27 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	153028439	122.325 ppb
Surrogate Spike 150.000		Recovery =	81.55%
4) SA Octacosane(S)	9.83	121945270	134.810 ppb
Surrogate Spike 150.000		Recovery =	89.87%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1708688894	1697.371 ppb
2) HBTM Motor Oil (C24-C40)	14.96	1295136304	1858.814 ppb

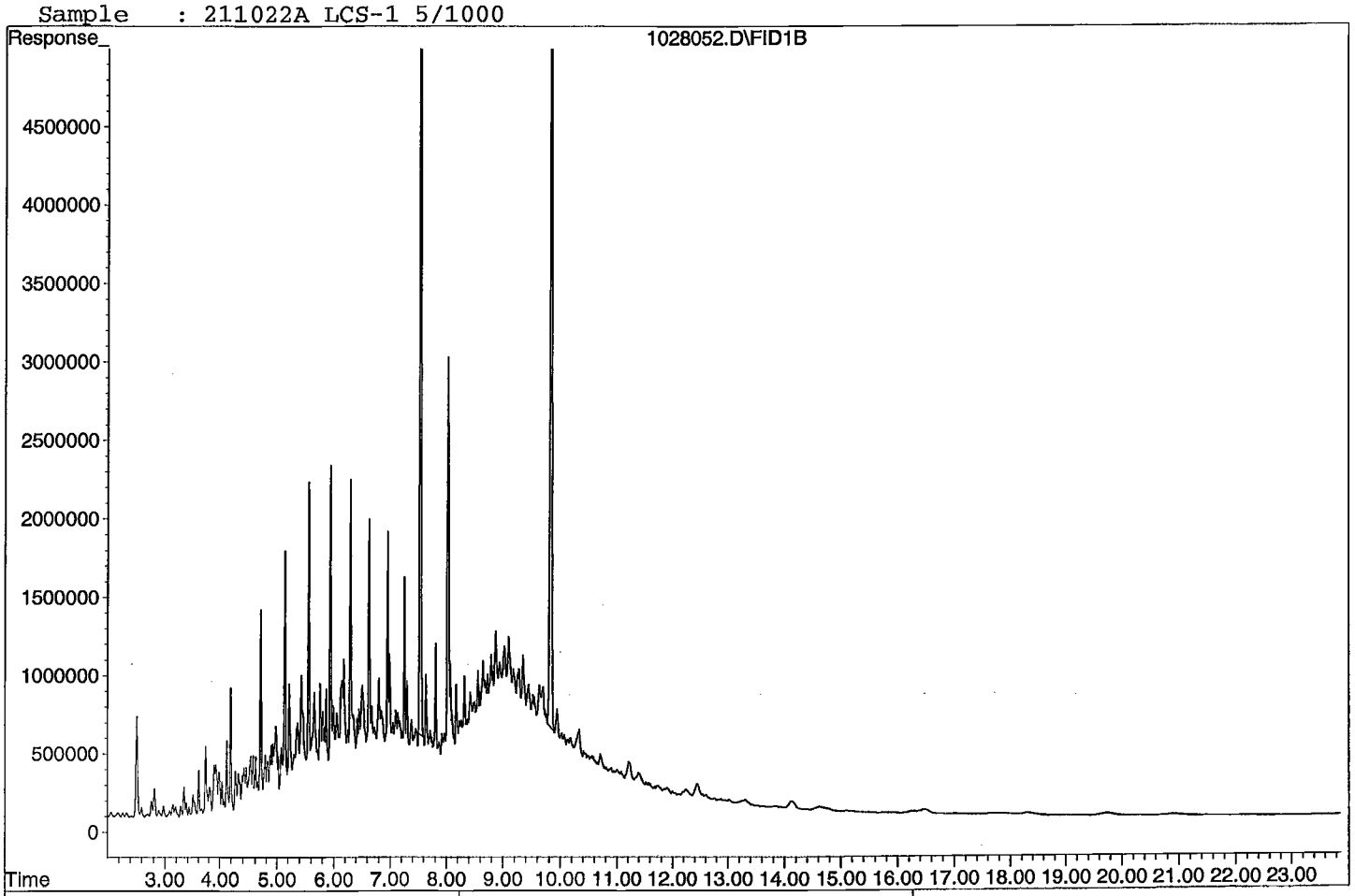
Target Compounds

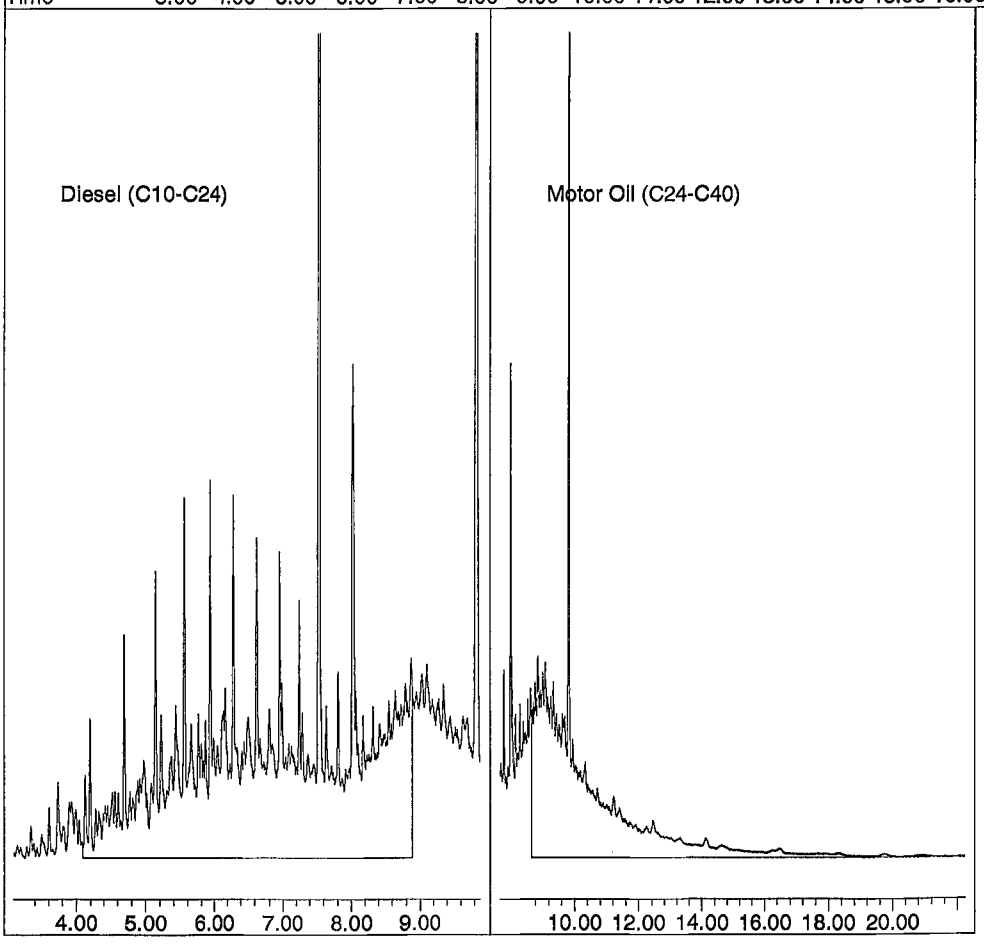
Diesel:

$$\frac{(1708688894)(5)}{(2516669)(2)} = \frac{8543444470}{5033338} = 1697.371$$

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

Data File: G:\APOLLO\DATA\211028\1028052.D
Sample : 211022A LCS-1 5/1000





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211028\1028053.D Vial: 53
Acq On : 10-29-21 9:04:50 Operator: KA
Sample : 211022A LCSD-1 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 2 14:28 2021 Quant Results File: DOC1028.RES

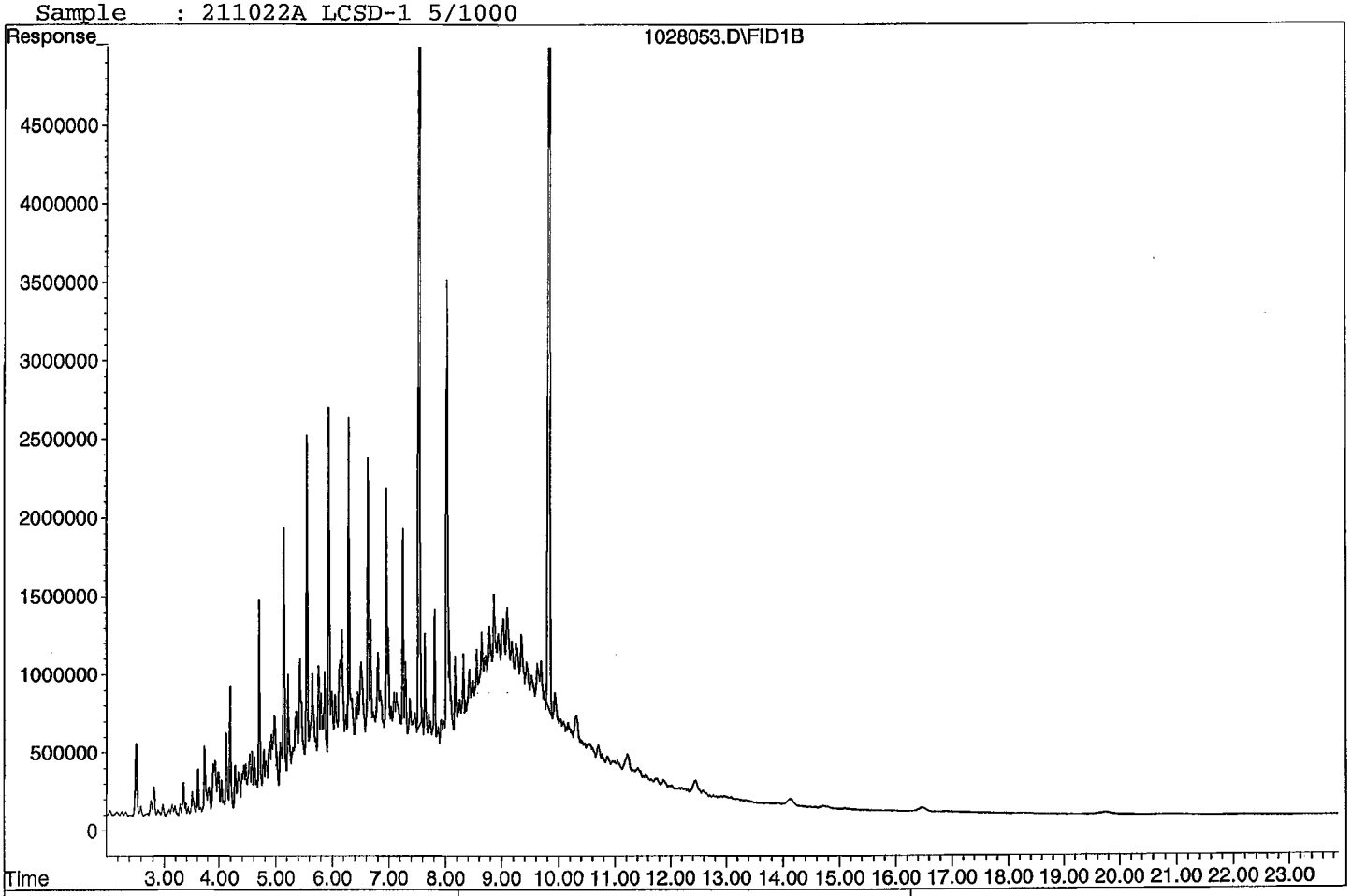
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

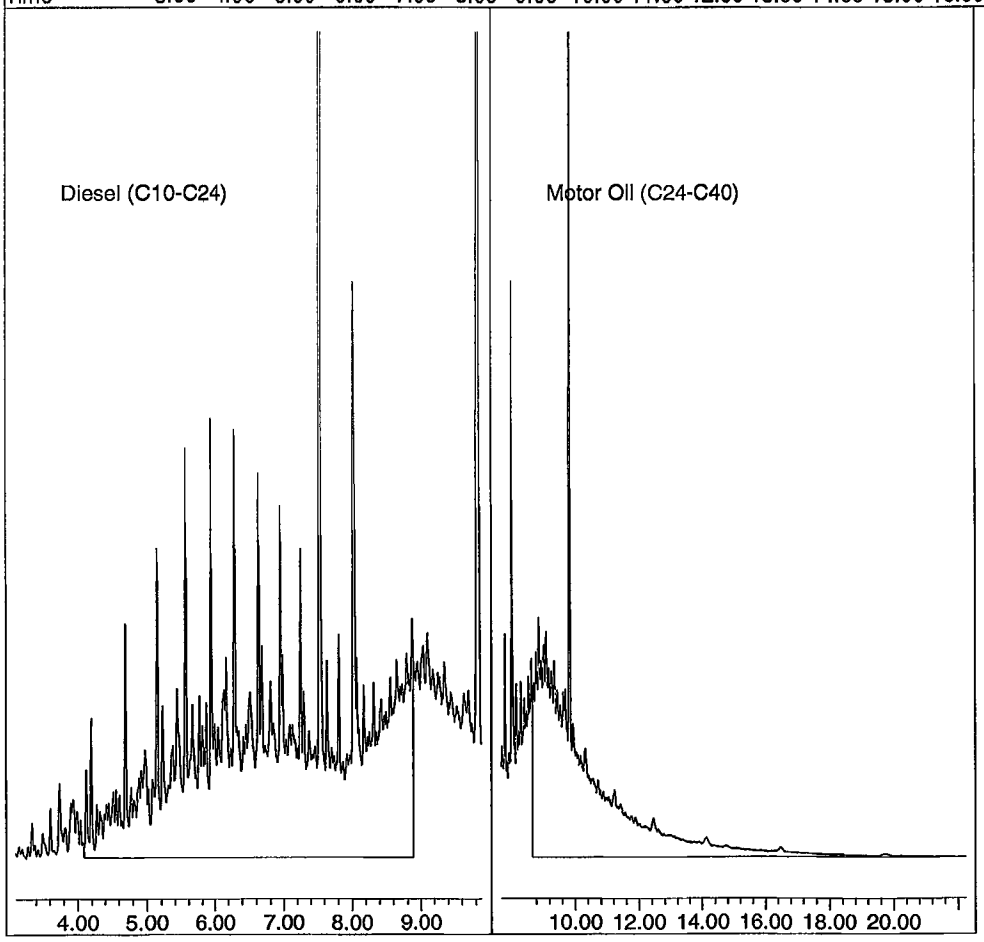
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	175007256	139.894 ppb
Surrogate Spike 150.000		Recovery =	93.26%
4) SA Octacosane(S)	9.83	135380294	149.662 ppb
Surrogate Spike 150.000		Recovery =	99.77%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1957334948	1944.371 ppb
2) HBTM Motor Oil (C24-C40)	14.96	1483486471	2136.465 ppb
Target Compounds			

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

Data File: G:\APOLLO\DATA\211028\1028053.D
Sample : 211022A LCSD-1 5/1000





_LIQ005SGC

Organic Extraction Worksheet

Method	Continuous Liq/Liq TPH- 3520C w/SGC	Extraction Set	211022A	Extraction Method	LIQ005SGC	Units	mL

Spiked ID 1	Diesel Motor Oil Mix 10-16-21 10-16-22		Surrogate ID 1	THC Surrogate 10-21-21 10-21-21	
Spiked ID 2	Decanoic 1000ug/mL Acid Solution 10-21-21 10-21-22		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:	10/22/21 16:30	
Spiked ID 8			Ext. End Time:	10/23/21 10:07	
			GC Requires Extract By:		

pH1	2	10/22/21 14:25	Water Bath Temp 1 °C	41/ 40.1 °C
pH2			Water Bath Temp 2 °C	34/ 35.1
pH3			Water Bath Temp 3 °C	34/ 33.5 °C

Spiked By: SR **Date** 10/22/2021 **Witnessed By:** CG **Date** 10/22/2021

	Sample	Sample Container	Spike Amount	Spike ID	Surrogate Amount	Surrogate ID	Extract Amount	Final Volume	pH	Extract Date/Time	Comments
1	211022A Blk		0.050	2	0.250	1	1000	5	2	10/22/21 14:30	*
						equip	E-WB1 E-HP11				
2	211022A LCS-1		0.080,0.050	1,2	0.250	1	1000	5	2	10/22/21 14:30	*
						equip	E-WB2 E-HP12				
3	211022A LCSD-1		0.080,0.050	1,2	0.250	1	1000	5	2	10/22/21 14:30	*
						equip	E-WB3 E-HP13				
4	BA43832	BA43832W09	0.050	2	0.250	1	1030	5	2	10/22/21 14:30	97924 *
						equip	E-WB1 E-HP14				
5	BA43833	BA43833W07	0.050	2	0.250	1	1030	5	2	10/22/21 14:30	97924 *
						equip	E-WB2 E-HP15				

Solvent and Lot#	
1+1 HCL (5mLs)	60282
PH Strips	HC155968
Dichloromethane (DCM)	61117
Filter Paper	400196
Sodium Sulfate	2021071206
SILICA GEL (*)	050627t

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

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

Modified	10/27/2021 10:13:53 AM

Reviewed By: KY **Date** 10/27/2021

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
Methylene Chloride Lot No. 61117

Prepared By (Initials): KA

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

Diesel Motor Oil Mix

Prepared: 10/16/2021 **Prepared By (Initials): KA**

Expires: 10/31/2027

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	Restek	31258	50,000	**A0164485-52663 and 52822**	**See man. Date**	**10/31/2027**	4.00 mL (1:4)	8.0 mL (2:8)	NA	25,000
Motor Oil Composite	Restek	31464	50,000	**A0166510-52817 and 52819**	**See man. Date**	**12/31/2027**	4.00 mL (1:4)			25,000

THC Surrogate

Prepared: 10/21/2021 **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	**CL16893-52842**	**See ma. Date**	**5/31/2026**	N/A	N/A	N/A	600

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	43	1028043.D	1	DMO LVL4 CCV 10/27/21	water	10-29-21 4:24:10
10	51	1028051.D	5	211022A BLK 5/1000	water	10-29-21 8:08:42
11	52	1028052.D	5	211022A LCS-1 5/1000	water	10-29-21 8:36:45
12	53	1028053.D	5	211022A LCSD-1 5/1000	water	10-29-21 9:04:50
13	54	1028054.D	4.85437	BA43832W09 5/1030	water	10-29-21 9:32:55
14	55	1028055.D	4.85437	BA43833W07 5/1030	water	10-29-21 10:01:02
15	56	1028056.D	1	DMO LVL4 CCV 10/27/21	water	10-29-21 10:29:10

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

			1028003.D	1028004.D	1028005.D	1028006.D	1028007.D	1028008.D	1028009.D								
		Compound	1	2	3	4	5	6	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		
5																	
6																	
7																	
8																	
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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

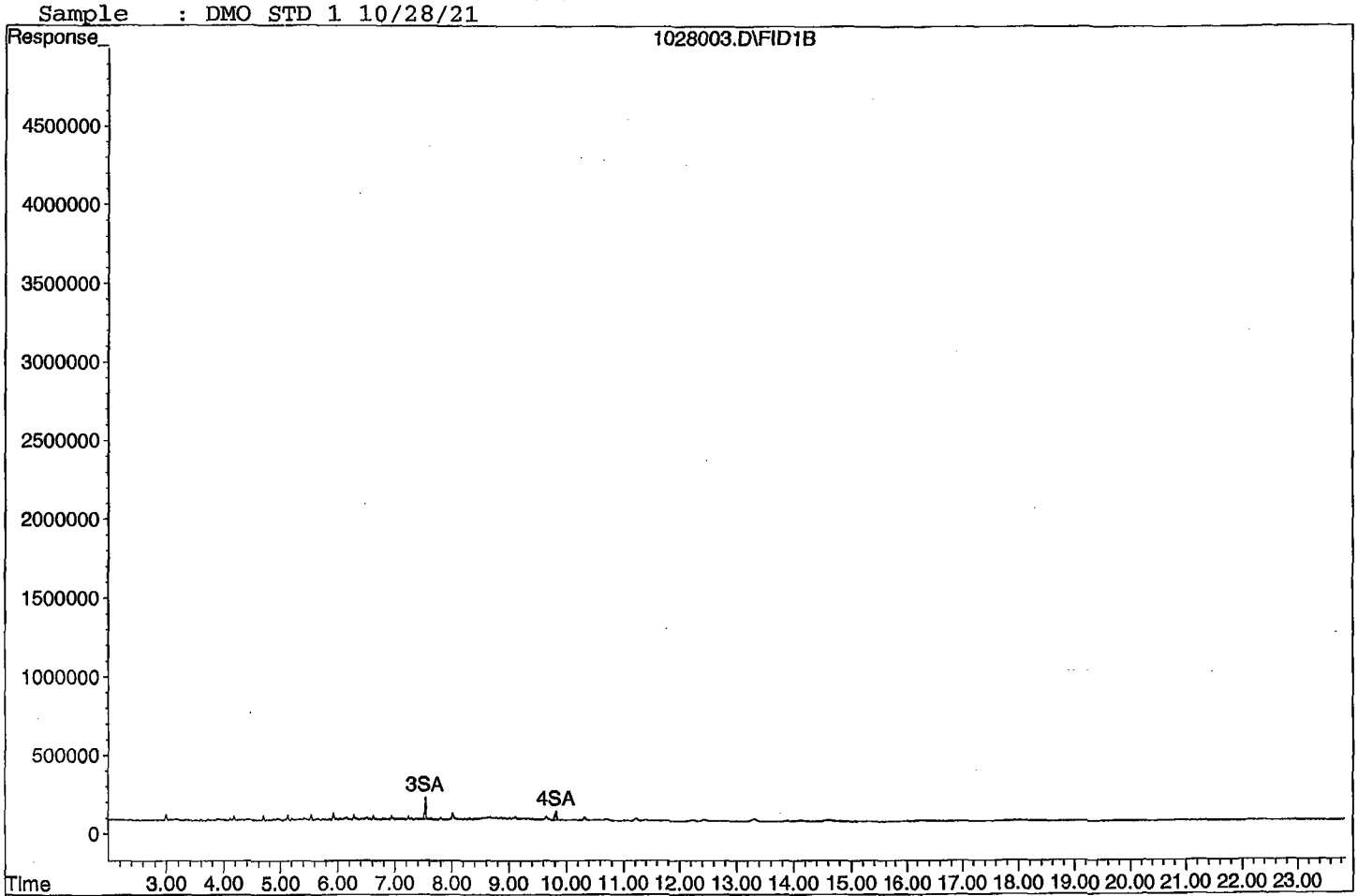
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

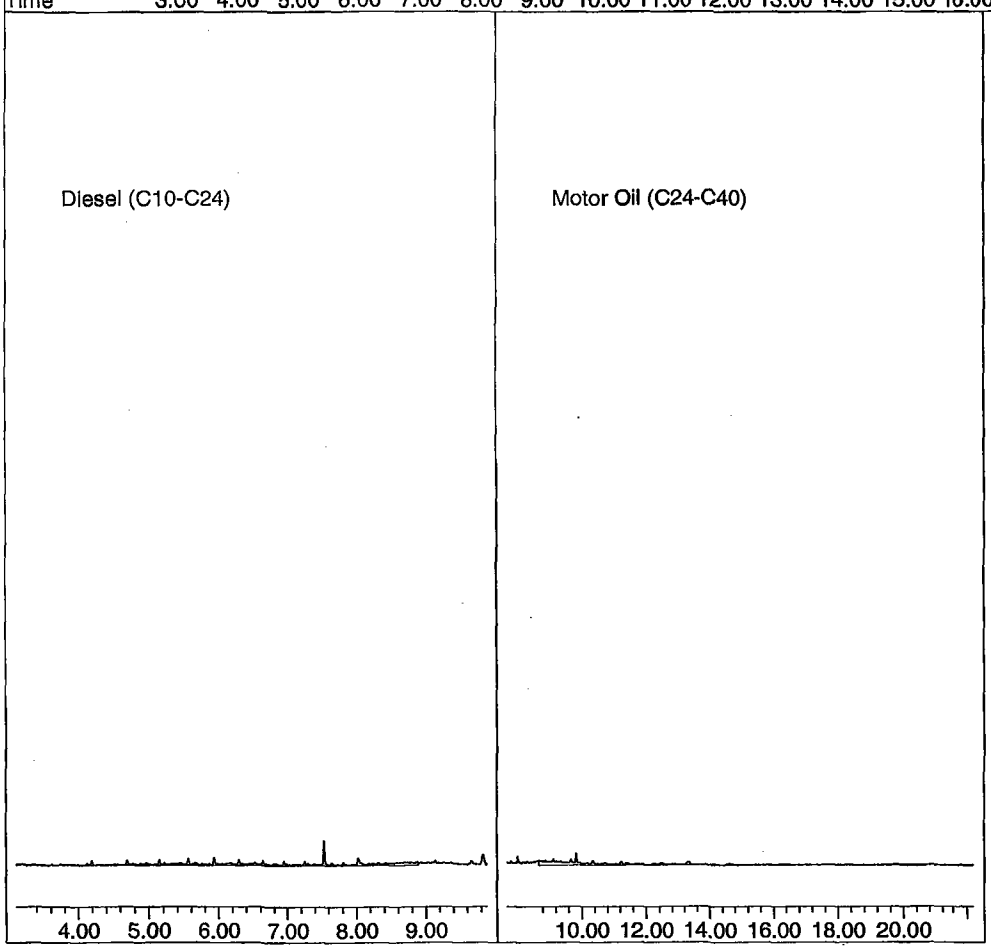
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	1818617	0.291 ppb
Surrogate Spike 30.000	Recovery =		0.97%
4) SA Octacosane(S)	9.82	1234601	0.273 ppb
Surrogate Spike 30.000	Recovery =		0.91%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	29838086	5.928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

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

Quantitation Report

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

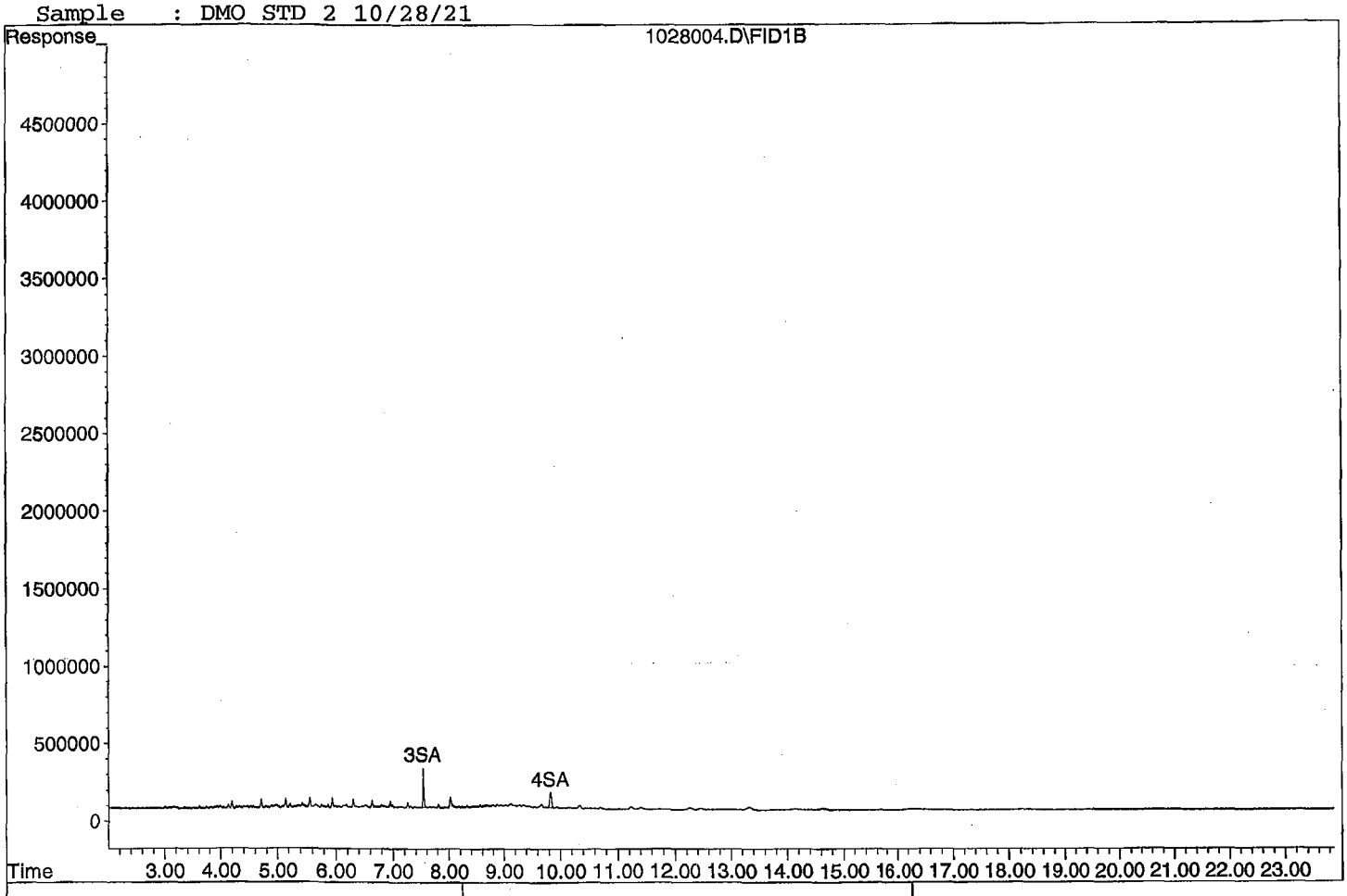
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

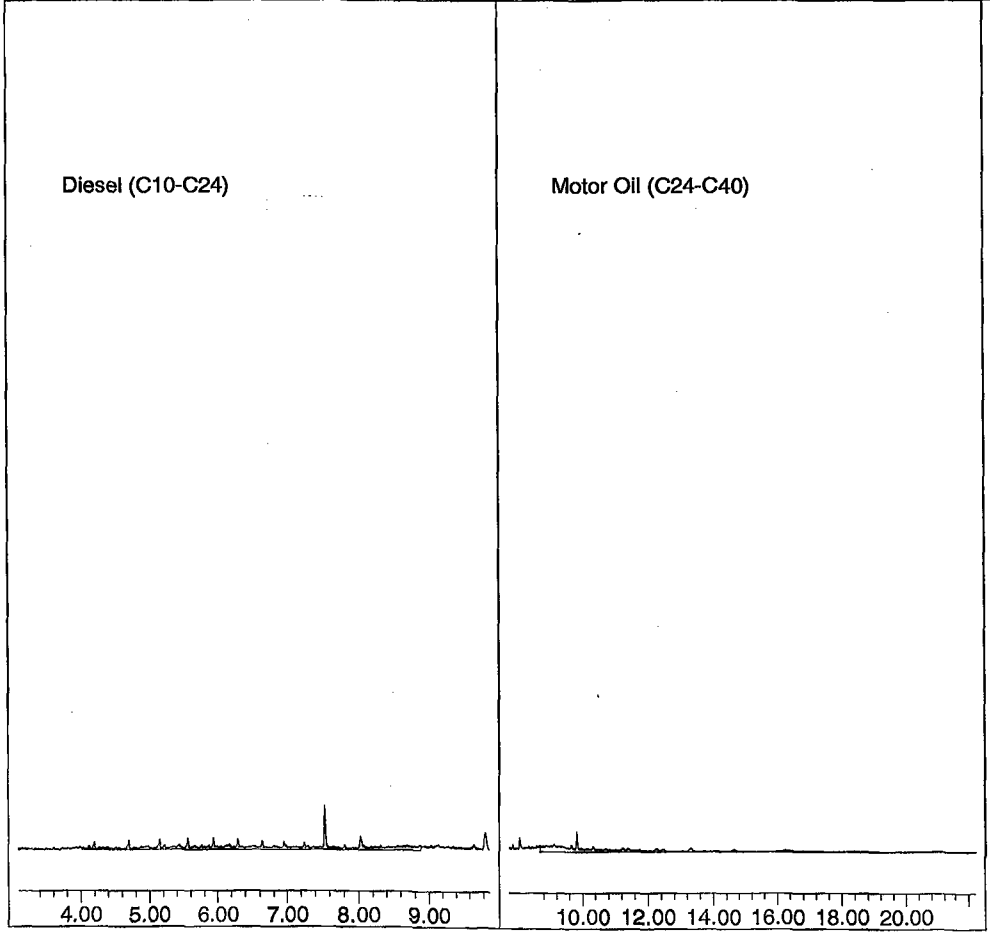
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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			

Quantitation Report

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

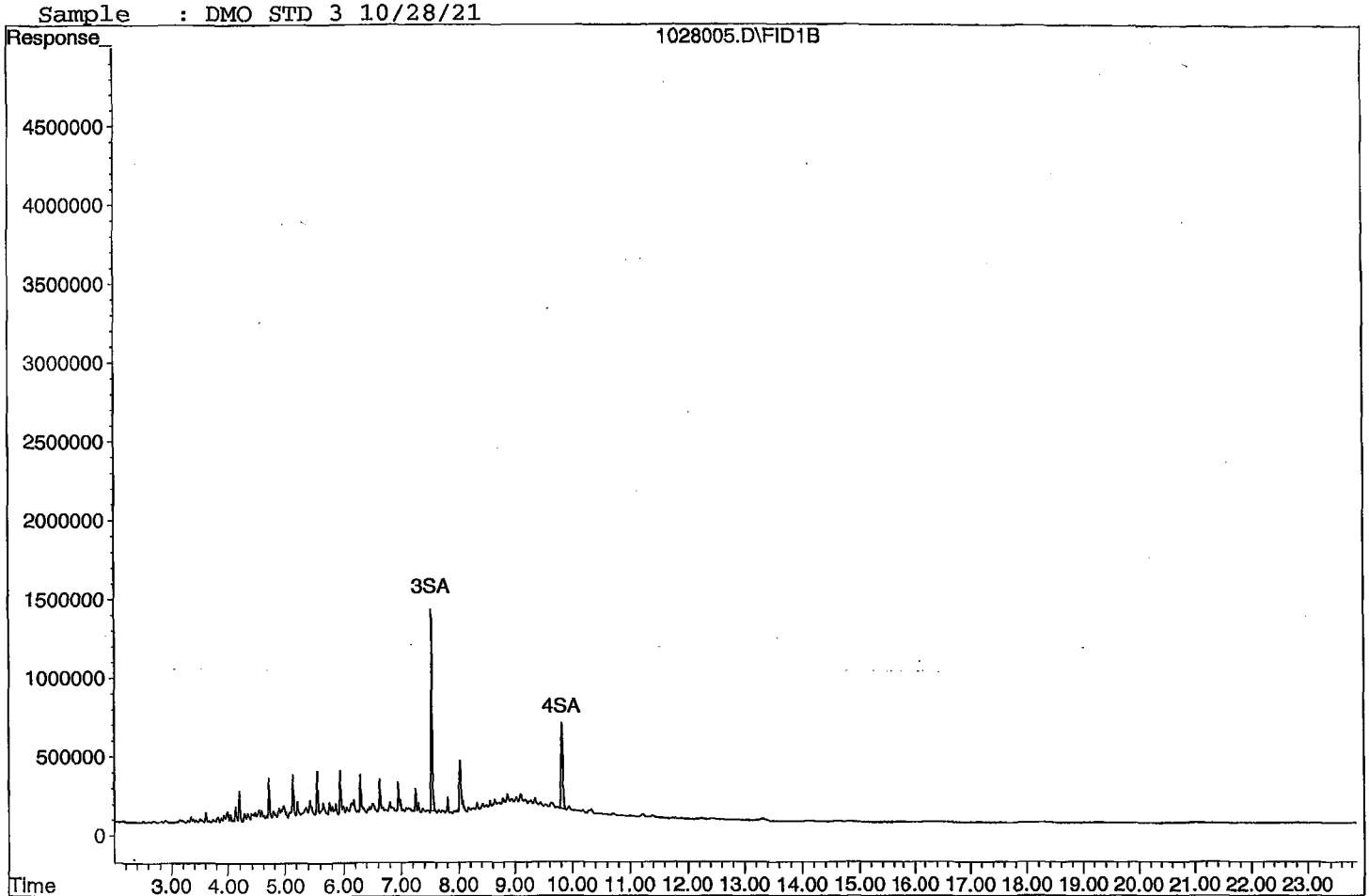
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

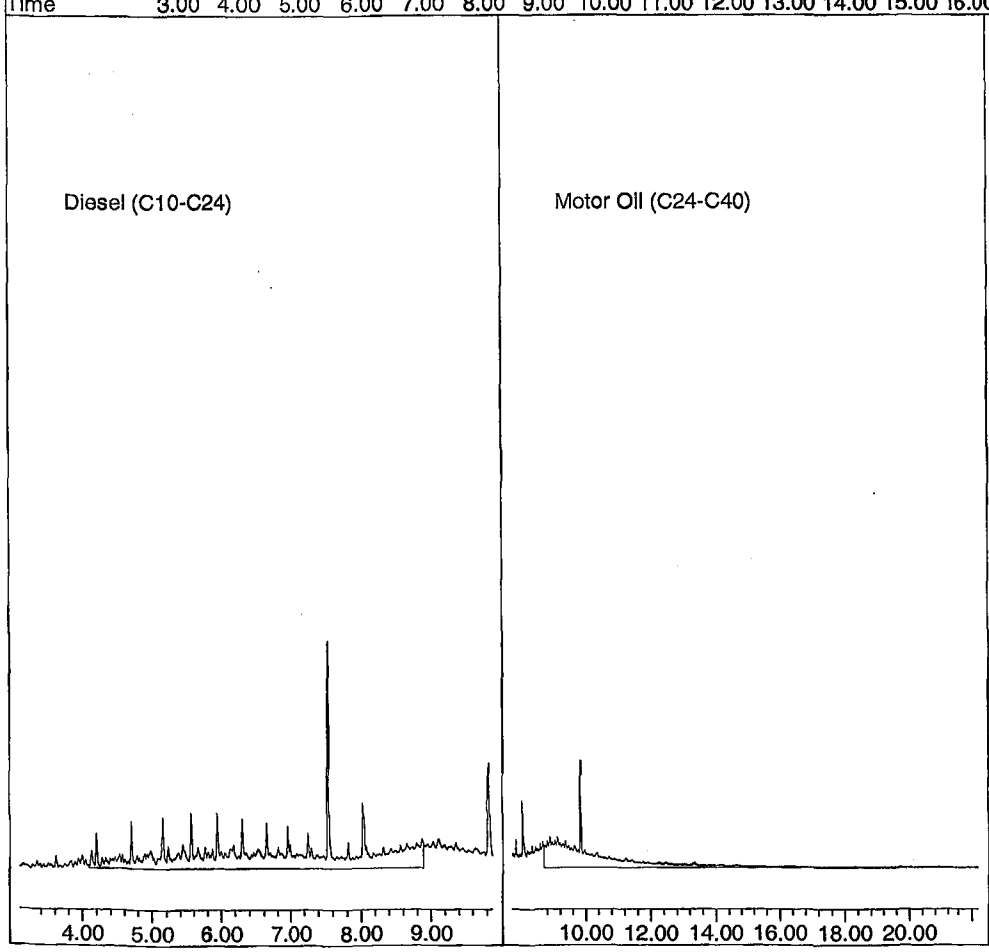
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

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

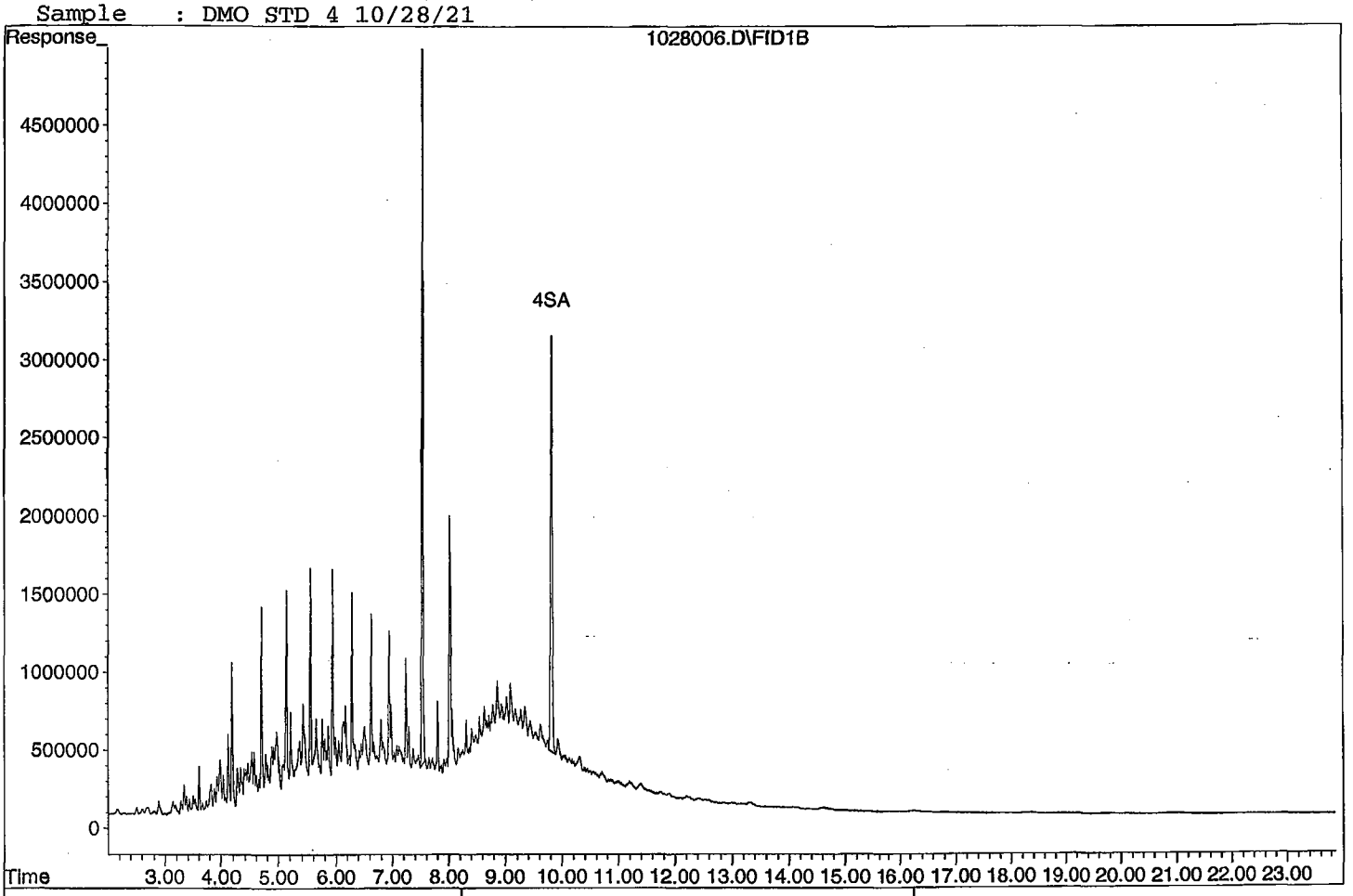
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

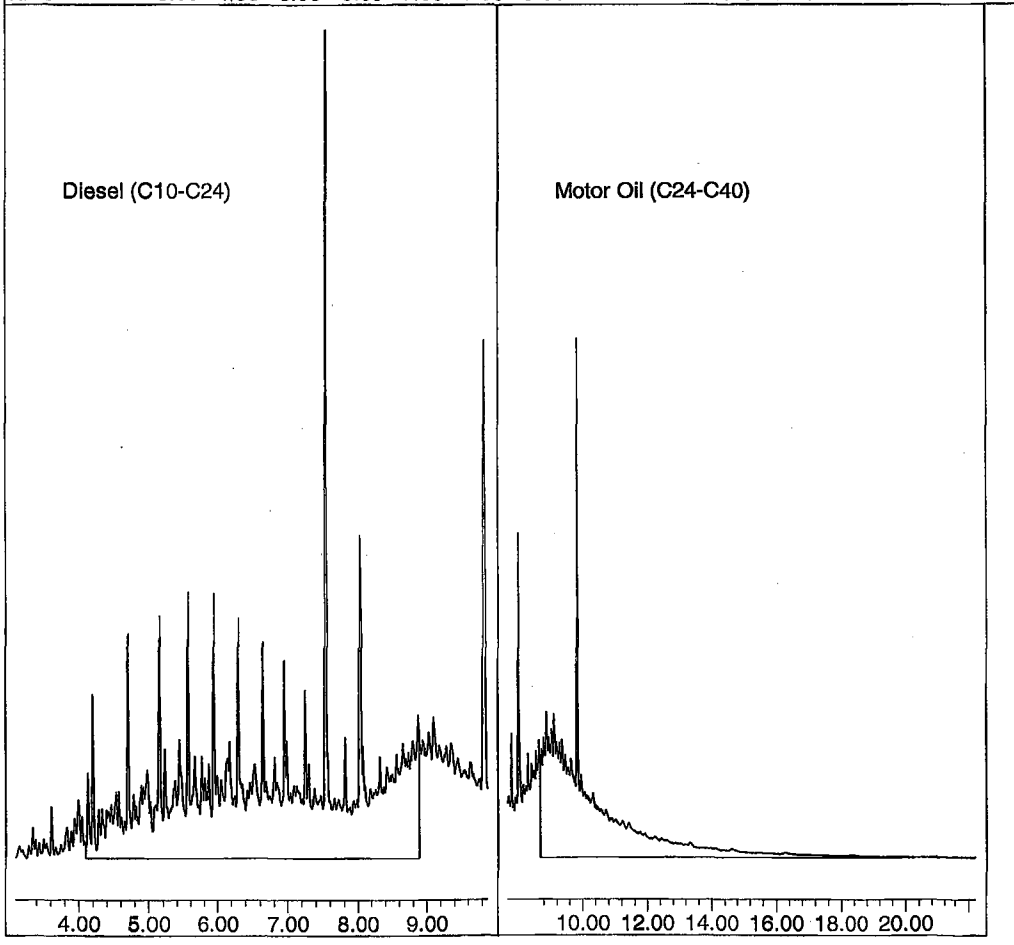
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
3) SA Ortho-Terphenyl(S)	7.53	75891940	12.133	ppb
Surrogate Spike 30.000		Recovery =	40.44%	
4) SA Octacosane(S)	9.82	56888797	12.578	ppb
Surrogate Spike 30.000		Recovery =	41.93%	
Target Compounds				
1) HATM Diesel (C10-C24)	6.49	1209470396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

Target Compounds

Quantitation Report

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

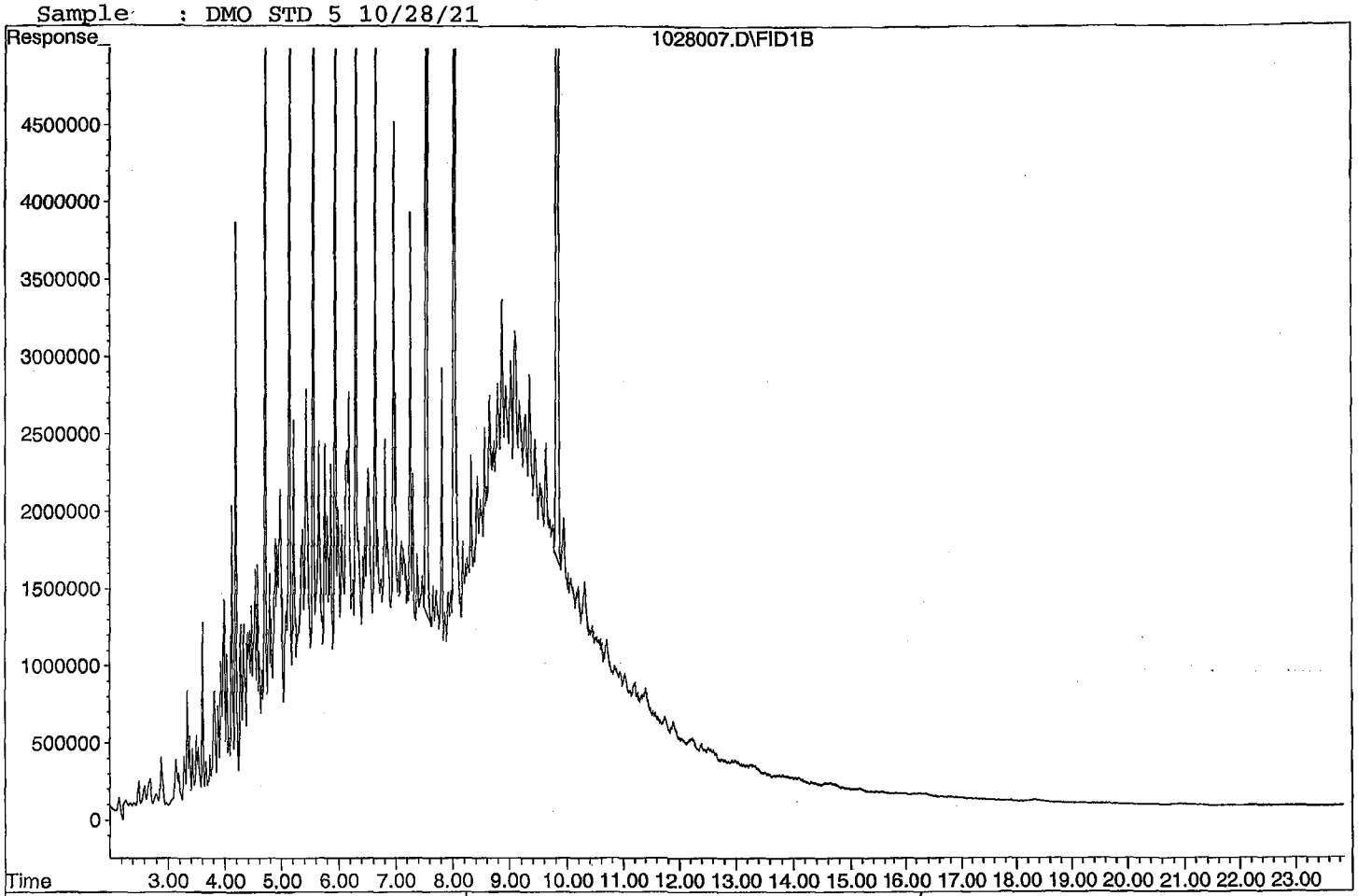
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

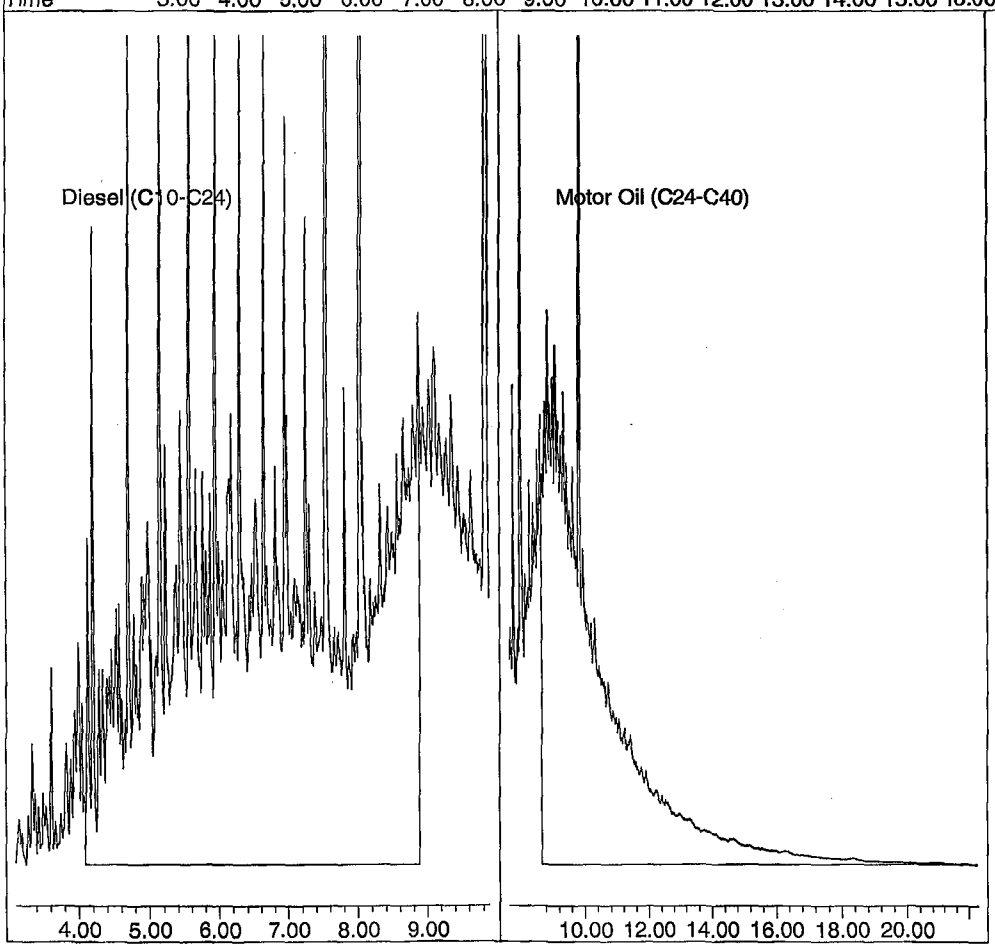
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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.
1028007.D DOC1028.M Thu Oct 28 15:42:36 2021 Page 1

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

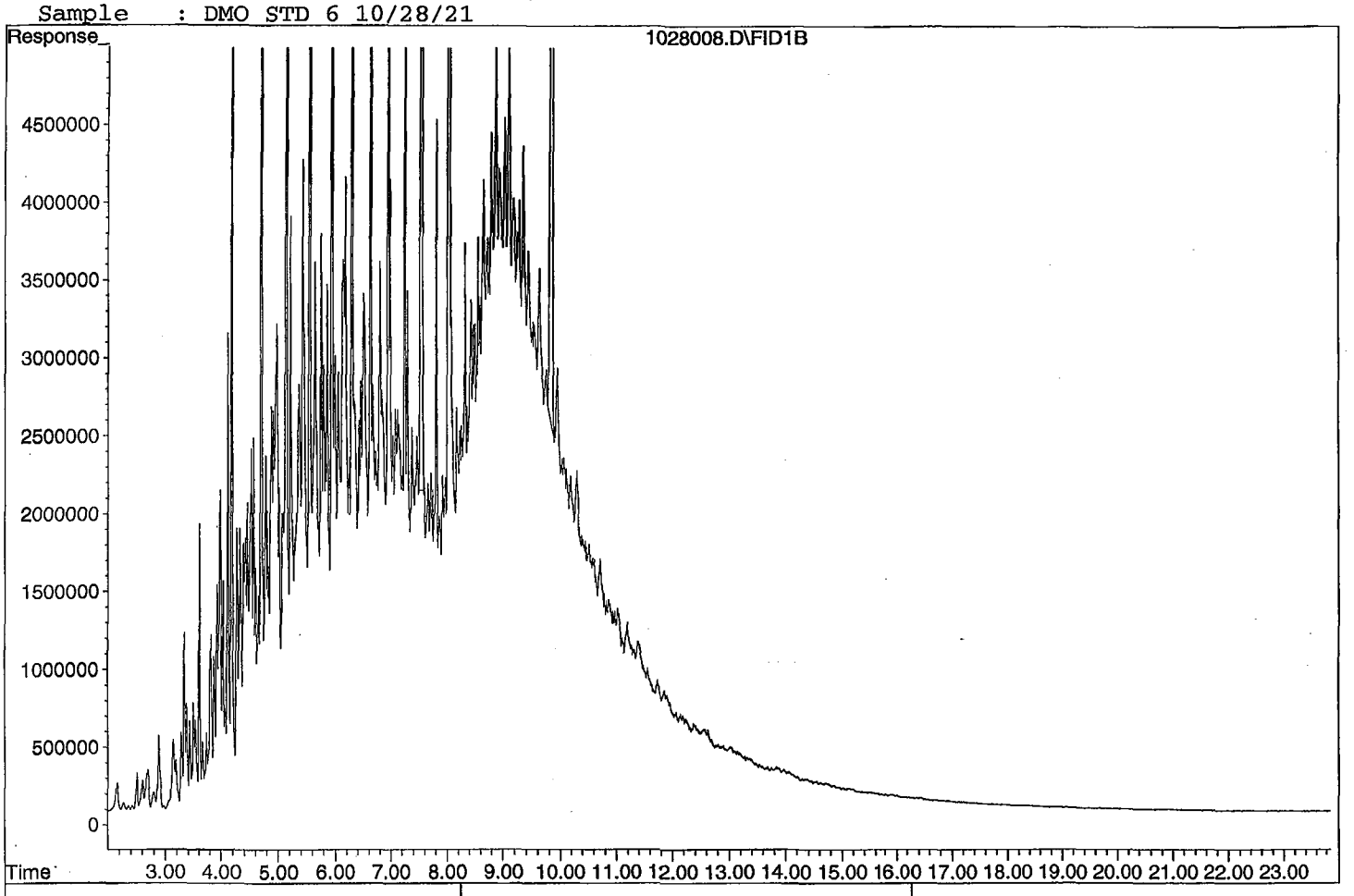
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

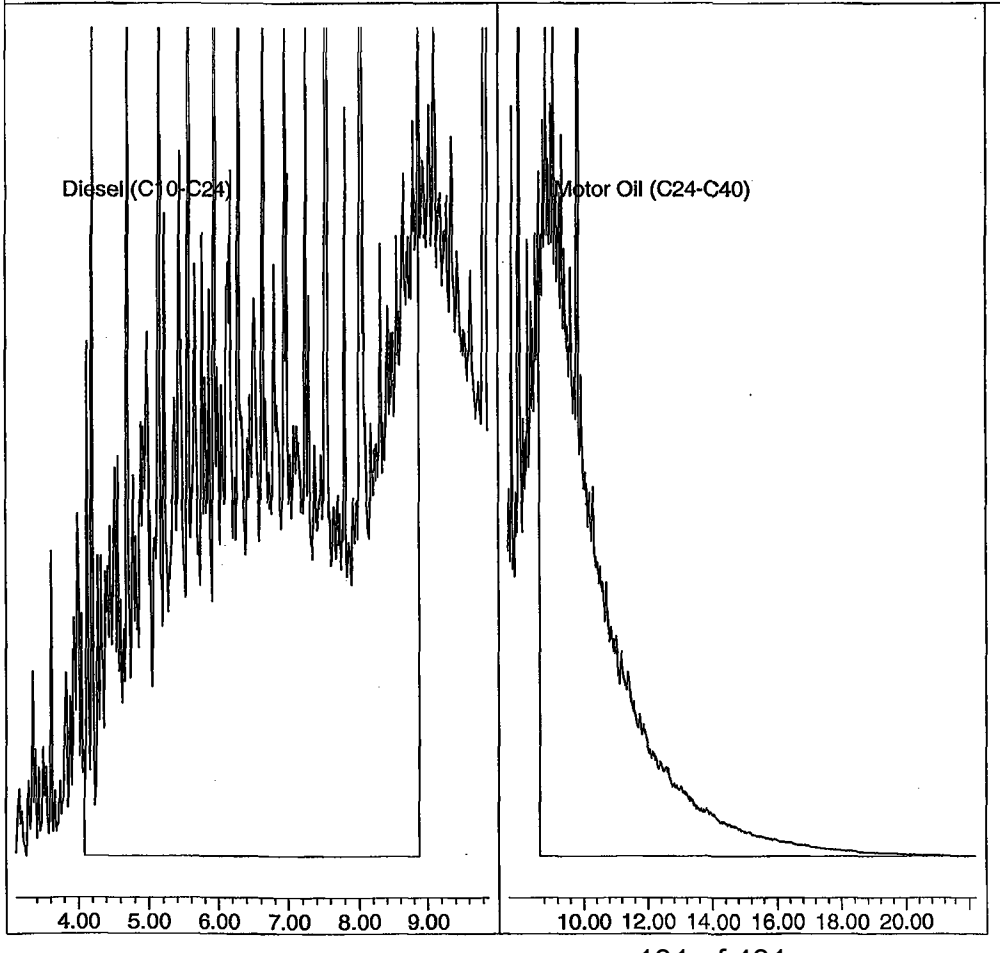
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

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

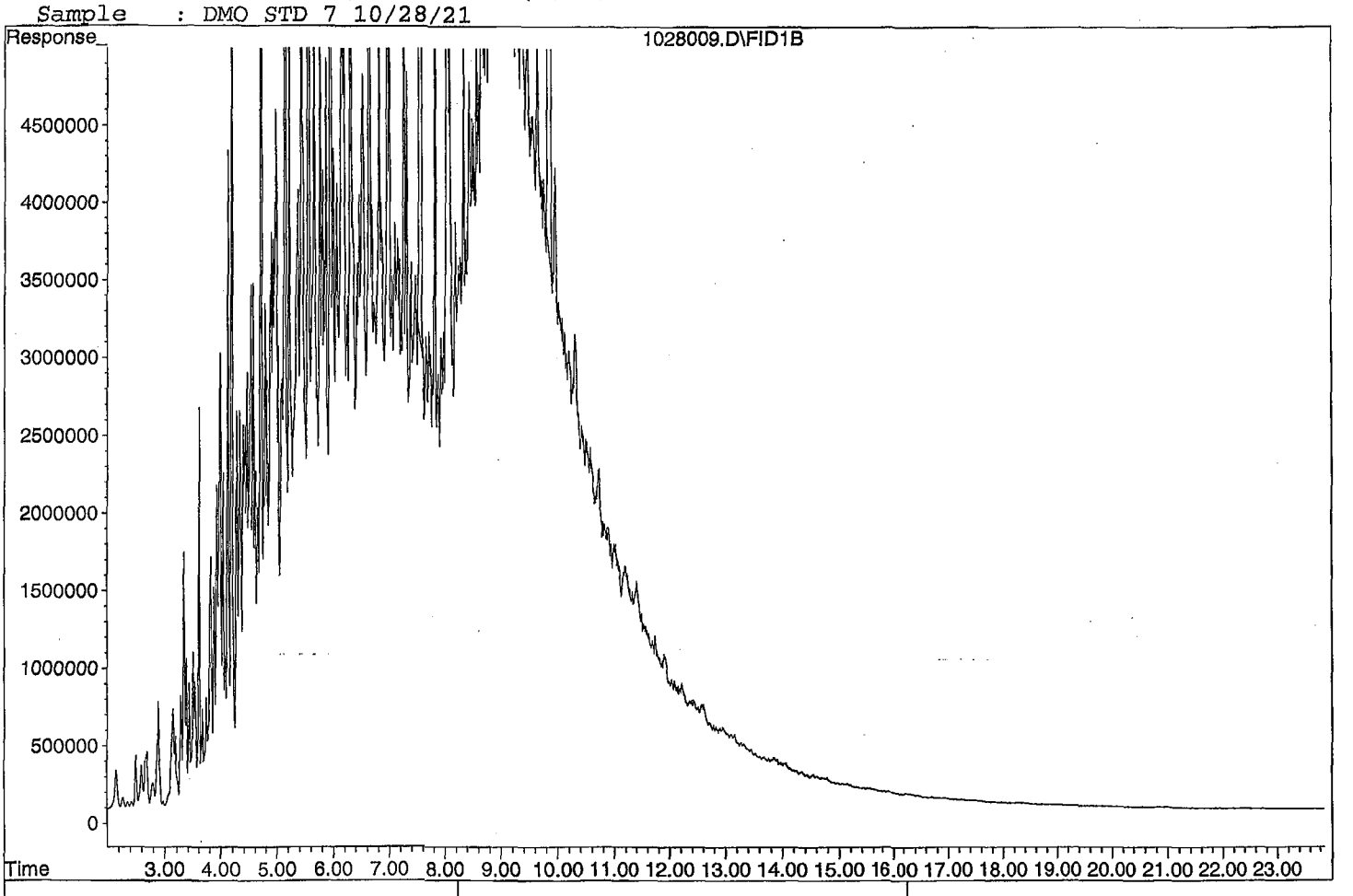
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

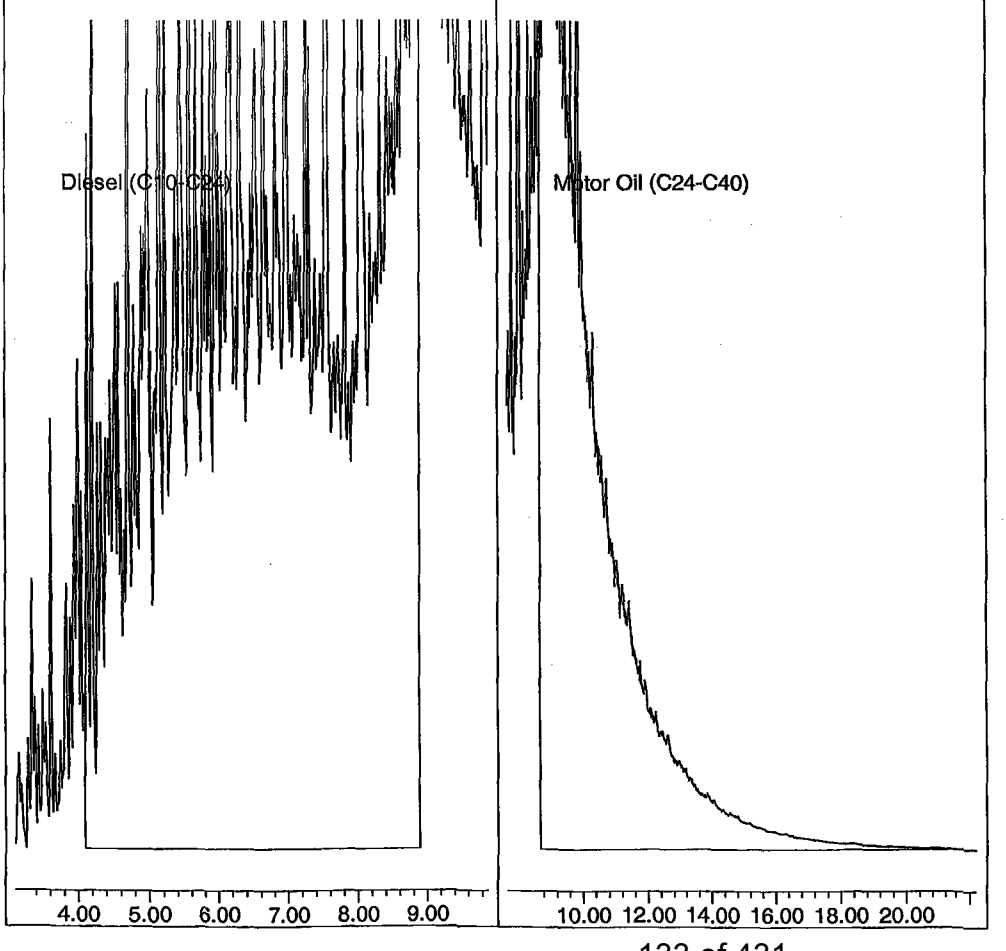
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
3) SA Ortho-Terphenyl(S)	7.54	617758709	98.762	ppb
Surrogate Spike 30.000		Recovery =	329.21%	
4) SA Octacosane(S)	9.85	457331573	101.116	ppb
Surrogate Spike 30.000		Recovery =	337.05%	
Target Compounds				
1) HATM Diesel (C10-C24)	6.49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

Target Compounds

Quantitation Report

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
3							
4							
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40							
		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

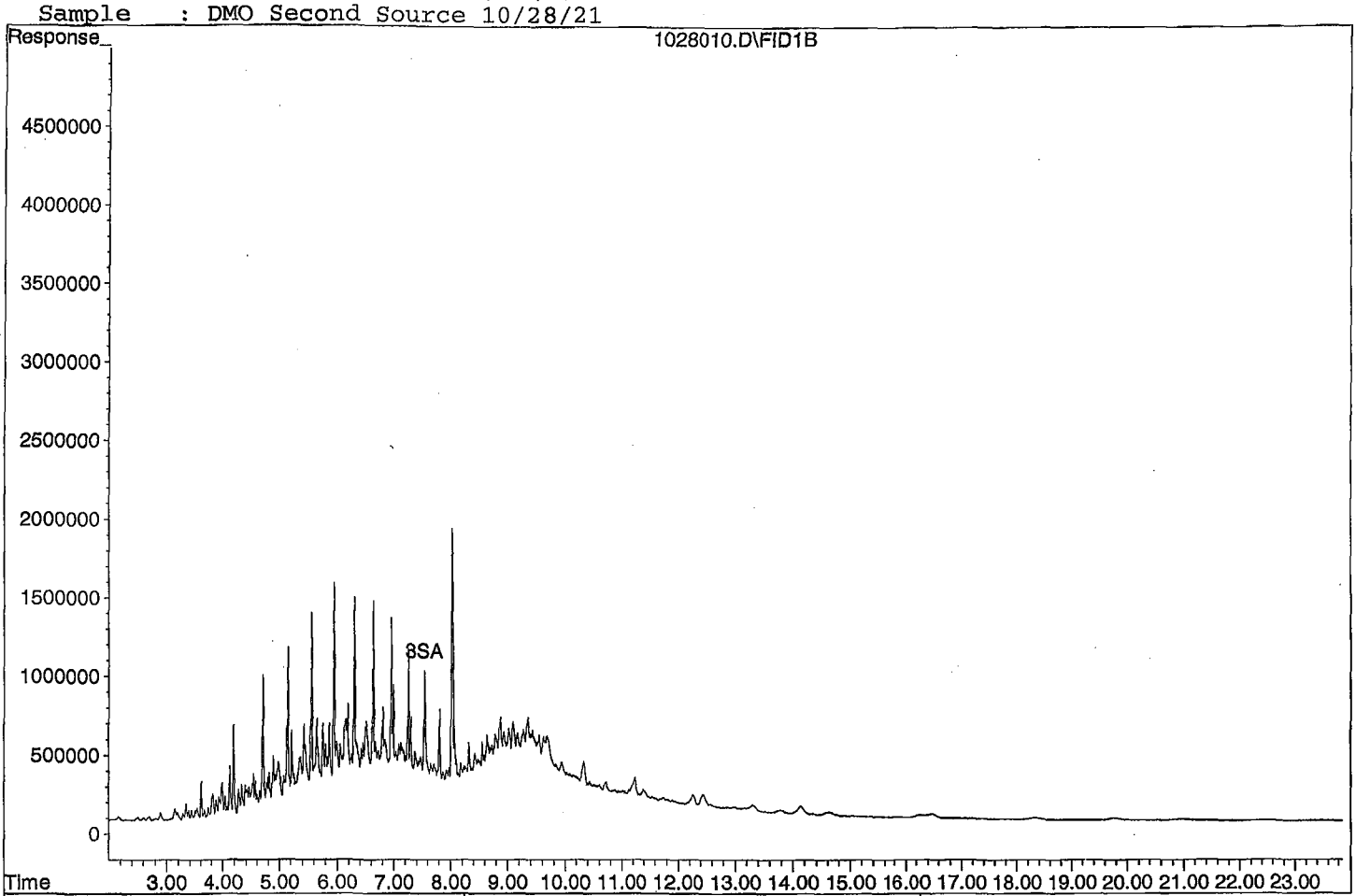
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

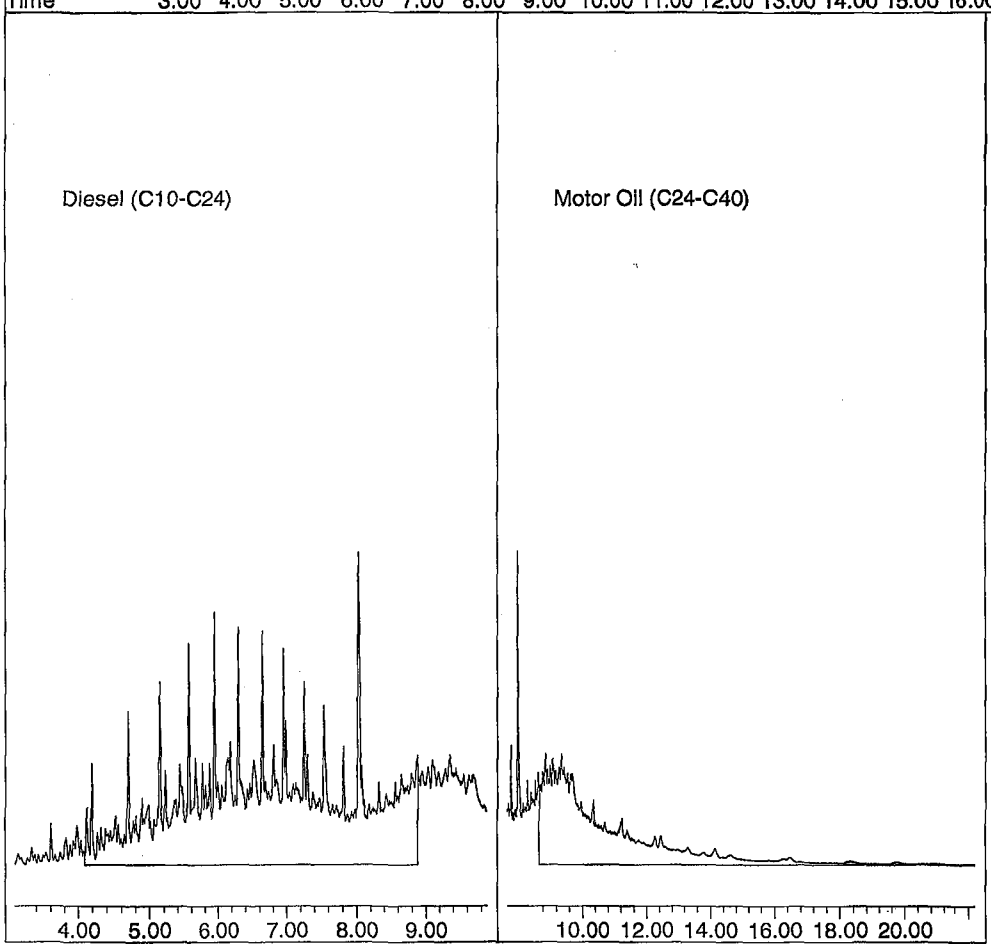
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	4250105	0.679 ppb
Surrogate Spike 30.000		Recovery =	2.26%
4) SA Octacosane(S)	9.83	-3553	N.D. ppb
Surrogate Spike 30.000		Recovery =	0.00%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1133202337	225.139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

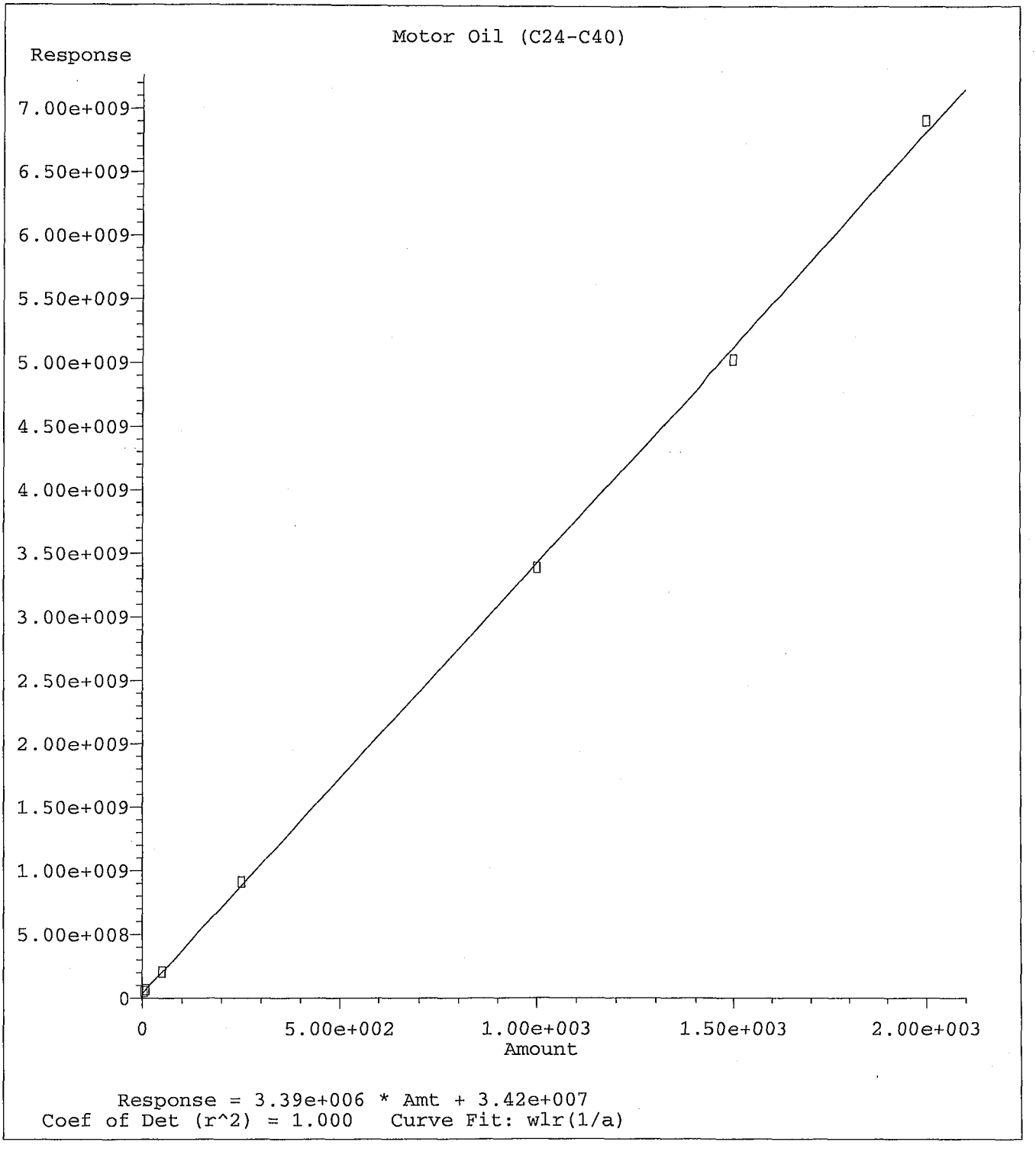
Target Compounds

(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
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

		Compound	1	2	3	4	5	6					Avg	%RSD	Type	r^2	Q
			911002.D	911003.D	911004.D	911005.D	911006.D	911007.D									
1	SC	Decanoic Acid(S)	883995	1084261	1313446	1384667	1522107	1509937					1283069	20	SC		*
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
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35																	

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

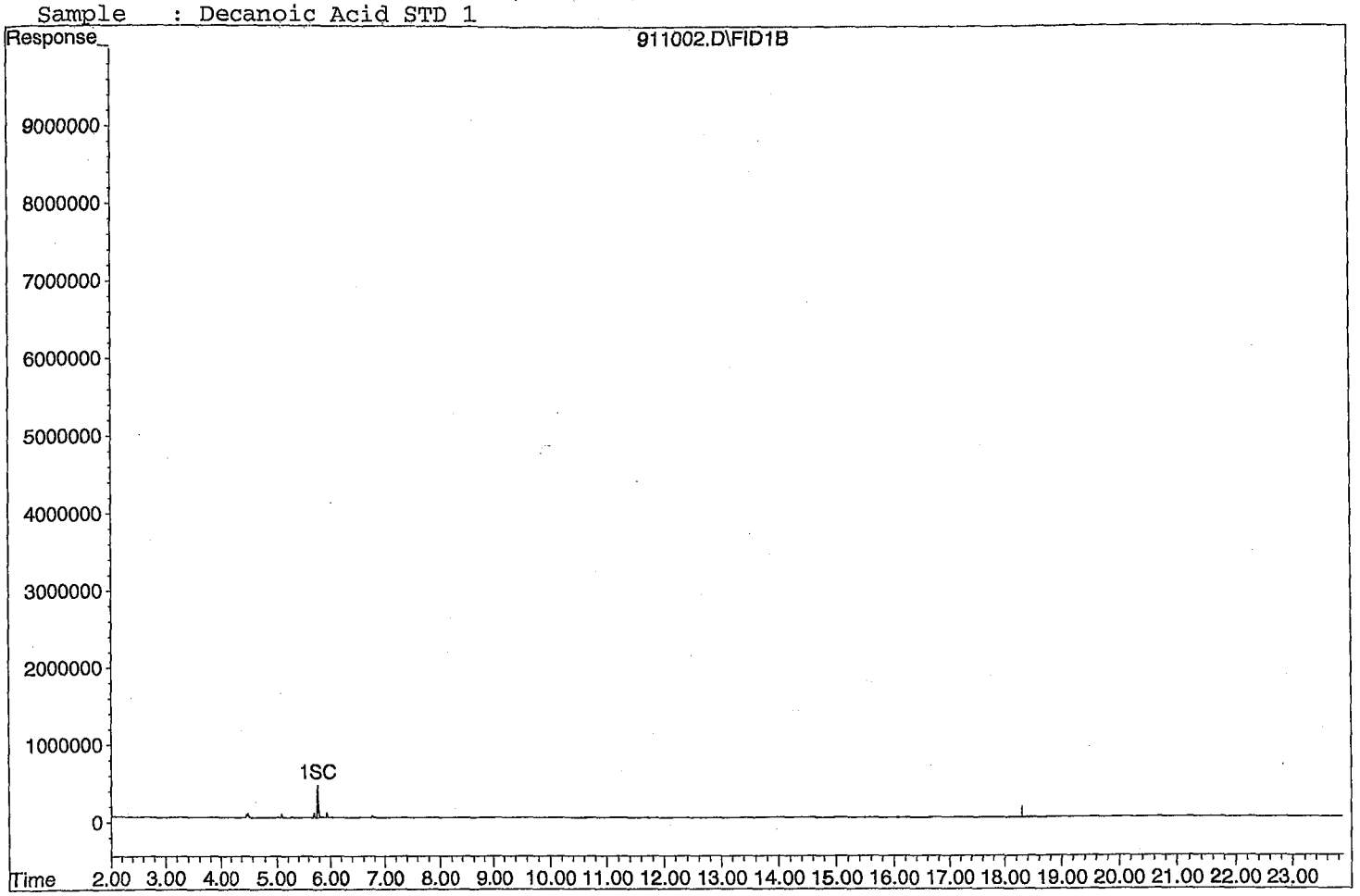
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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.

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

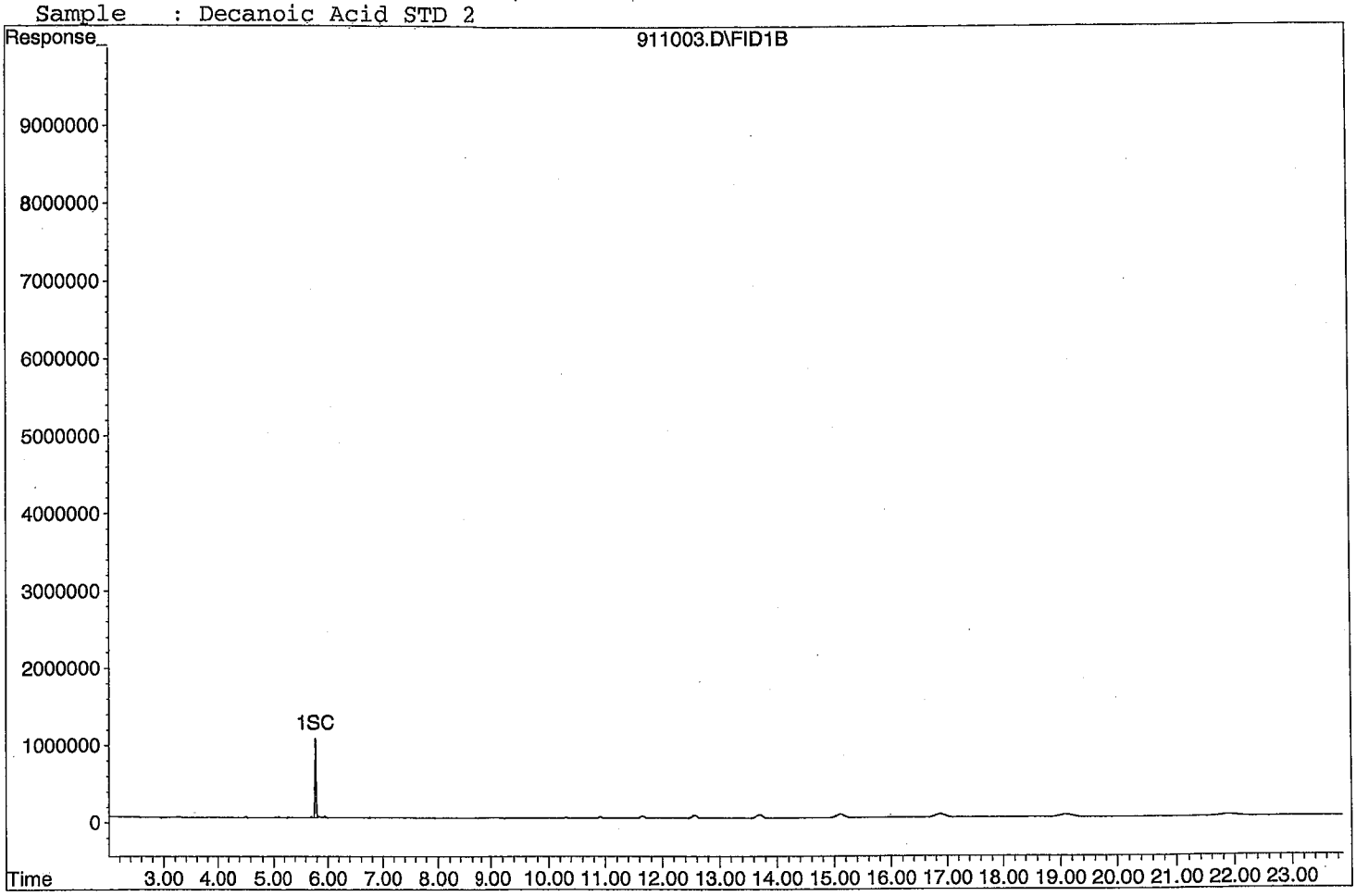
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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.

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

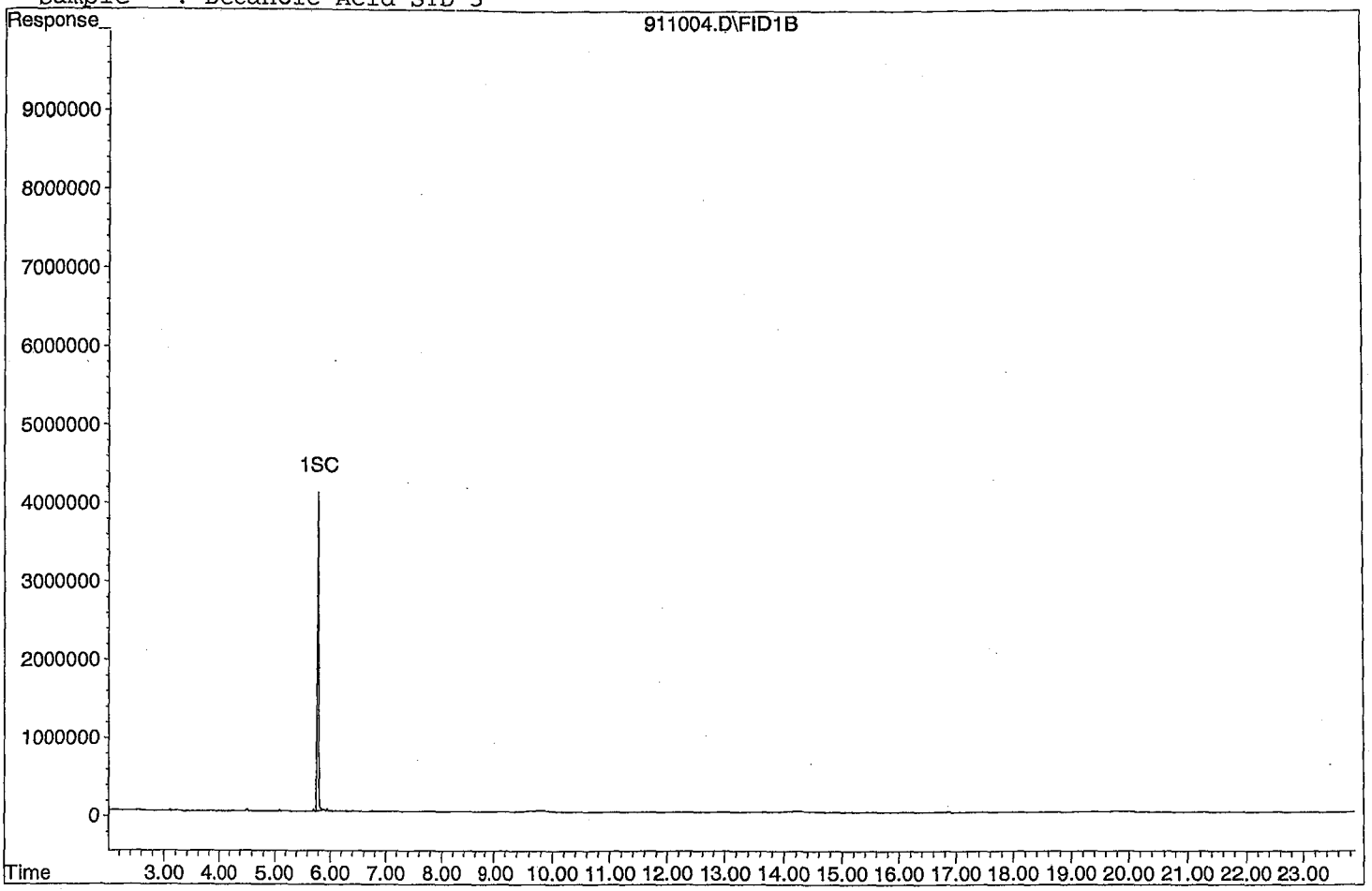
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

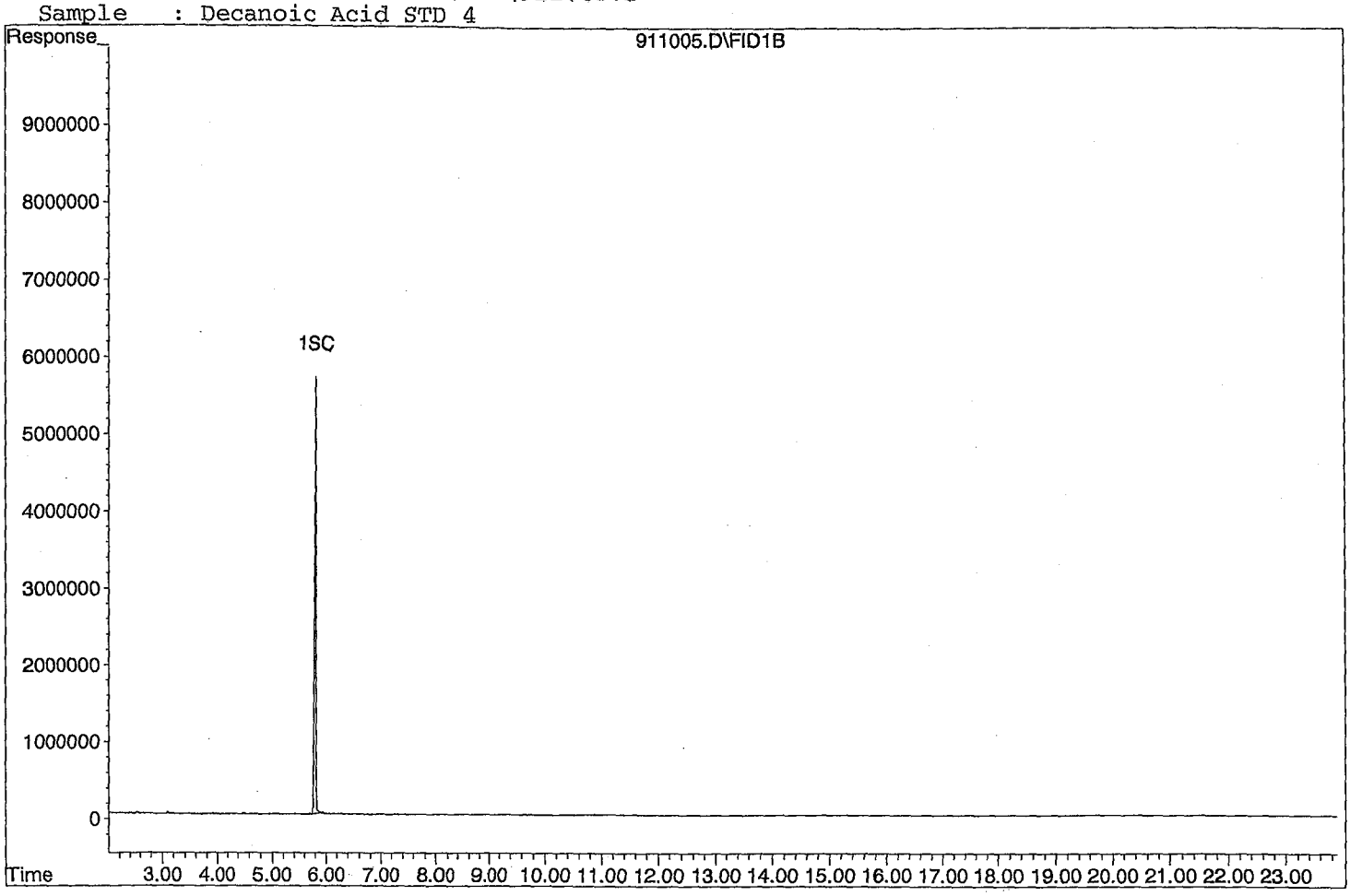
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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			

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

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

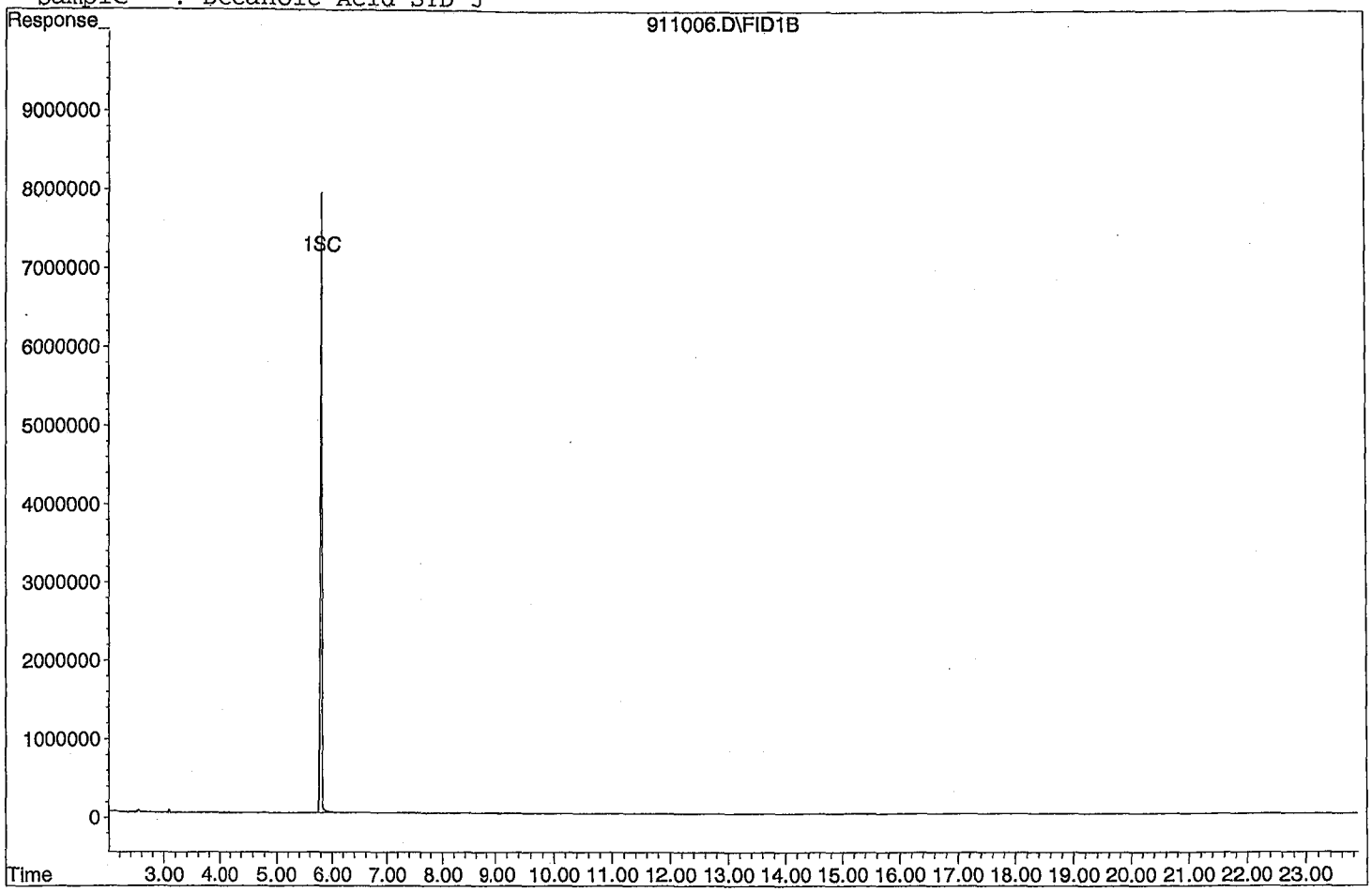
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

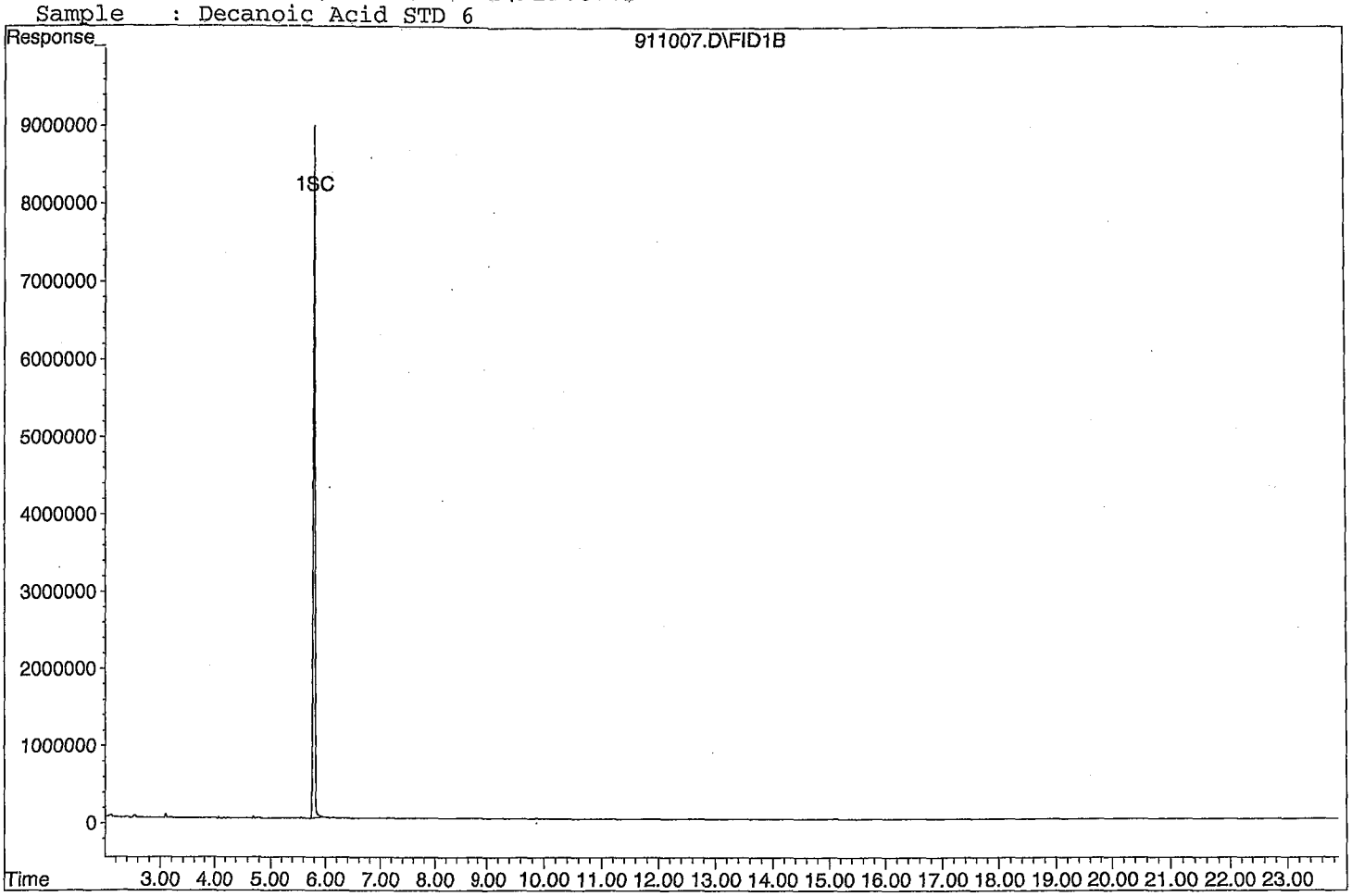
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) SC Decanoic Acid(S)	5.81	181192435	70.609 ppb
Surrogate Spike 24.000		Recovery =	294.20%
Target Compounds			

Target Compounds

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

Quantitation Report

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



TPH Extractables
DOC1028

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 10/30/2021
Instrument: Apollo
Initial Cal. Date: 10/28/2021
Data File: 1030005.D

		Compound	MEAN	CCRF	%D		%Drift
1	HATM	Diesel (C10-C24)	2516670	2132740	15	HATM	
2	HBTM	Motor Oil (C24-C40)	2492040	1662500	33	HBTML	6.0
3	SA	Ortho-Terphenyl(S)	3127510	2593570	17	SA	
4	SA	Octacosane(S)	2261430	1924620	15	SA	
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		Average			20.0		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211030\1030005.D Vial: 5
Acq On : 10-30-21 12:55:52 Operator: KA
Sample : DMO LVL4 CCV 10/27/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 30 13:47 2021 Quant Results File: DOC1028.RES

Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Nov 02 14:56:02 2021
Response via : Multiple Level Calibration

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

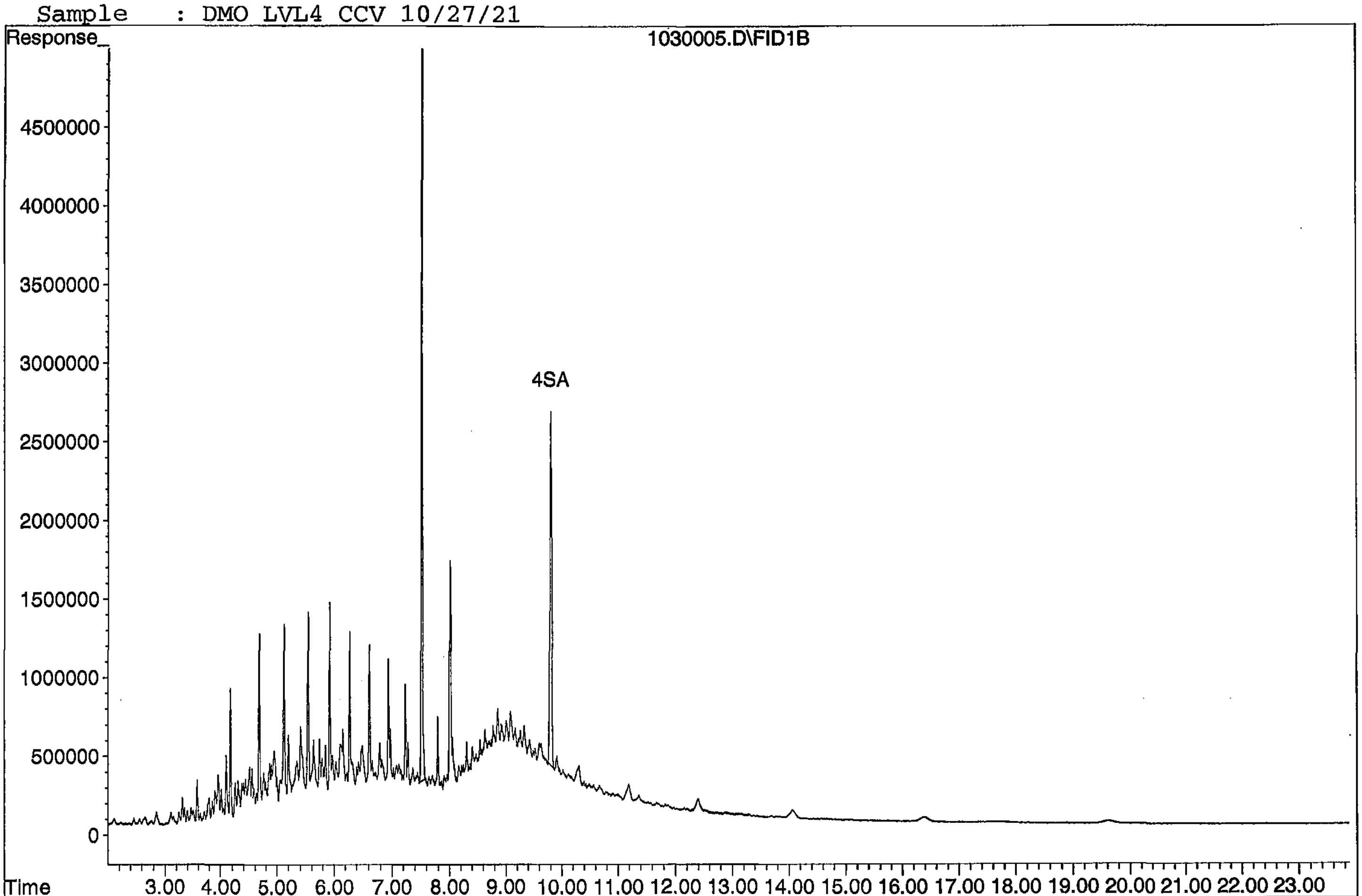
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.52	64839132	10.366 ppb
Surrogate Spike 30.000		Recovery =	34.55%
4) SA Octacosane(S)	9.80	48115466	10.638 ppb
Surrogate Spike 30.000		Recovery =	35.46%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1066370380	211.861 ppb
2) HBTM Motor Oil (C24-C40)	14.96	831250471	234.998 ppb

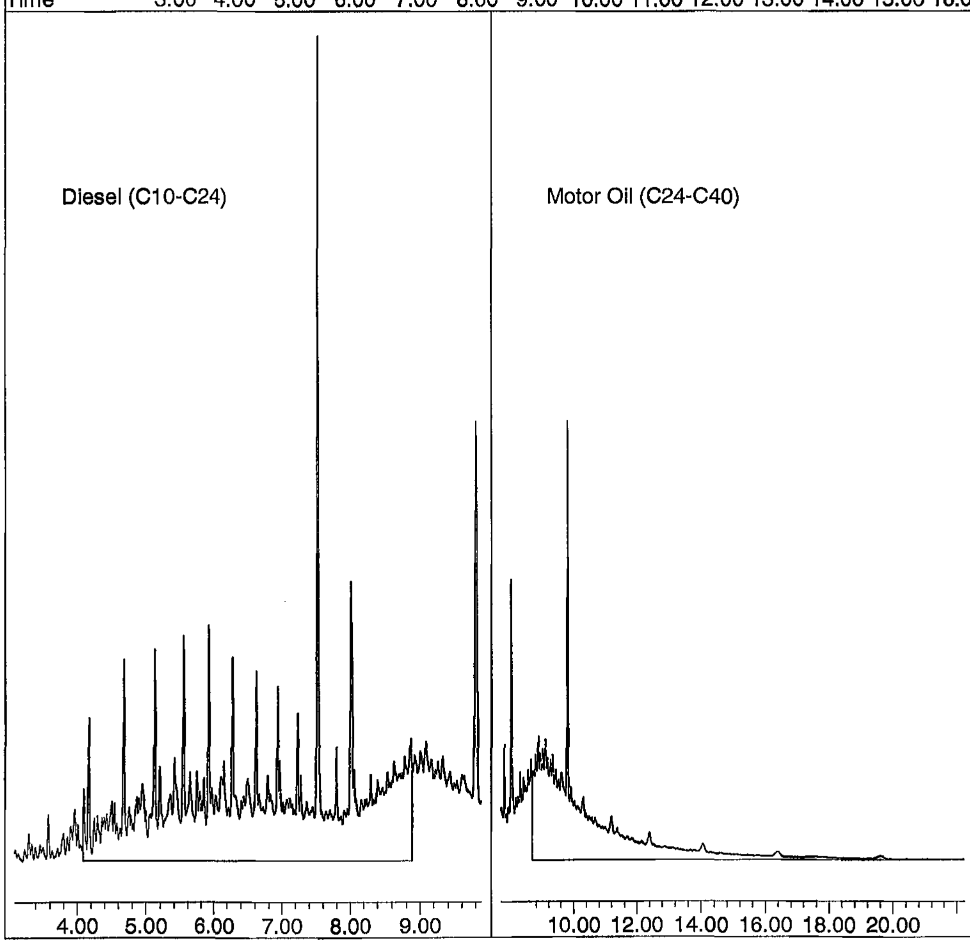
Target Compounds

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

Quantitation Report

Data File: G:\APOLLO\DATA\211030\1030005.D
Sample : DMO LVL4 CCV 10/27/21





TPH Extractables
DEC0911

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 10/30/2021
Instrument: Apollo
Initial Cal. Date: 9/11/2021
Data File: 1030006.D

		Compound	MEAN	CCRF	%D		%Drift
1	SC	Decanoic Acid(S)	1283070	1331430	3.8	SC	
2							
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40							
		Average			3.8		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211030\1030006.D Vial: 6
Acq On : 10-30-21 13:24:07 Operator: KA
Sample : Decanoic Acid CCV 10/8/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 30 13:58 2021 Quant Results File: DEC0911.RES

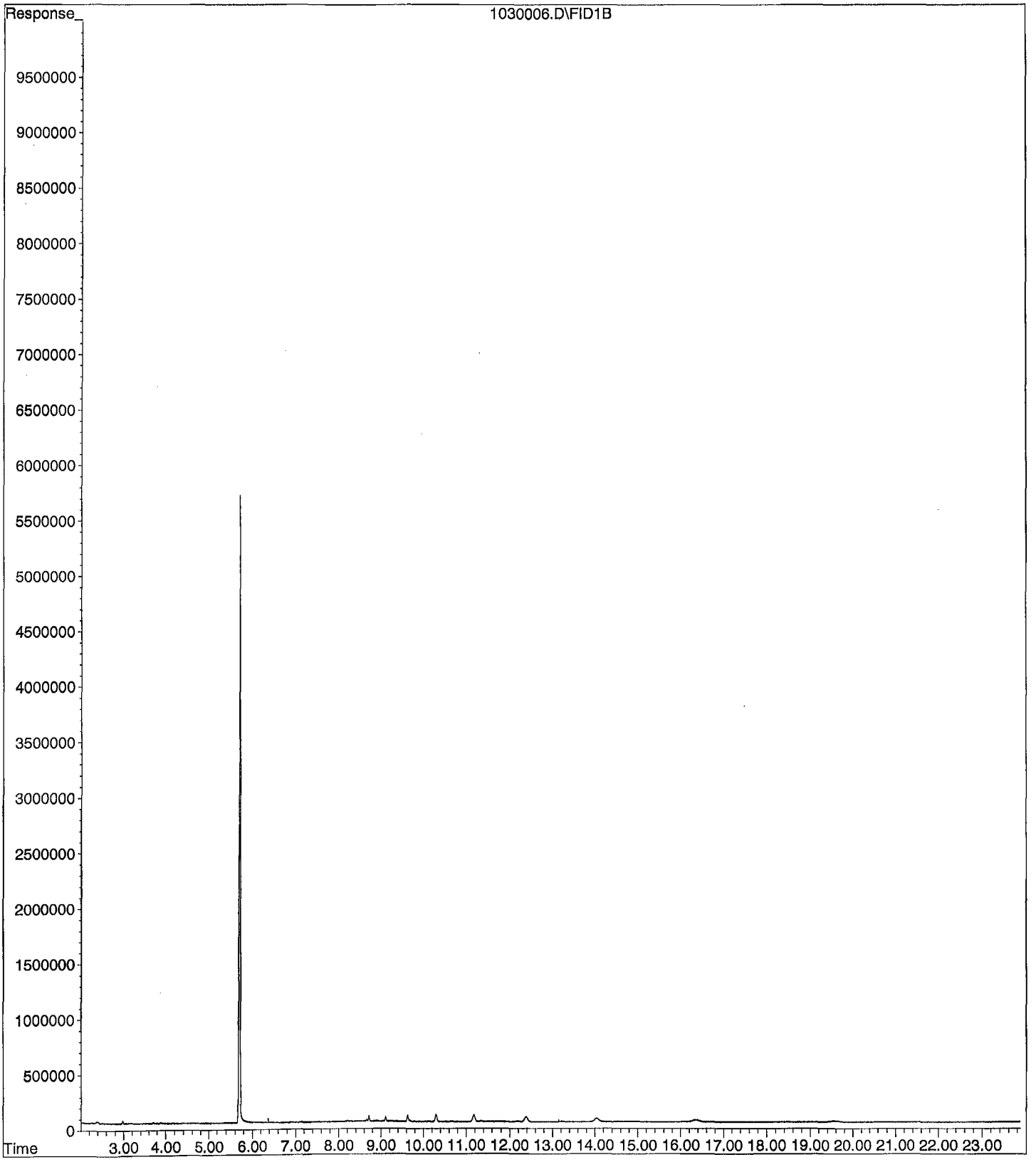
Method : G:\APOLLO\DATA\210911\DEC0911.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Sat Oct 30 12:40:54 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) SC Decanoic Acid(S)	5.71	95862802	37.357 ppb
Surrogate Spike 24.000		Recovery =	155.65%
Target Compounds			
Target Compounds			

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

File : G:\APOLLO\DATA\211030\1030006.D
Operator : KA
Acquired : 10-30-21 13:24:07 using AcqMethod TPHSN.M
Instrument : Apollo
Sample Name: Decanoic Acid CCV 10/8/21
Misc Info : water
Vial Number: 6



TPH Extractables
DOC1028

Form 7
Continuing Calibration

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

SDG No:
Date Analyzed: 10/30/2021
Instrument: Apollo
Initial Cal. Date: 10/28/2021
Data File: 1030027.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2516670	2223900	12	HATM	
2	HBTM	Motor Oil (C24-C40)	2492040	1662140	33	HBTML	6.0
3	SA	Ortho-Terphenyl(S)	3127510	2694800	14	SA	
4	SA	Octacosane(S)	2261430	2045590	9.5	SA	
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39							
40							
		Average			17.1		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211030\1030027.D Vial: 27
Acq On : 10-30-21 23:35:45 Operator: KA
Sample : DMO LVL4 CCV 10/27/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 1 8:13 2021 Quant Results File: DOC1028.RES

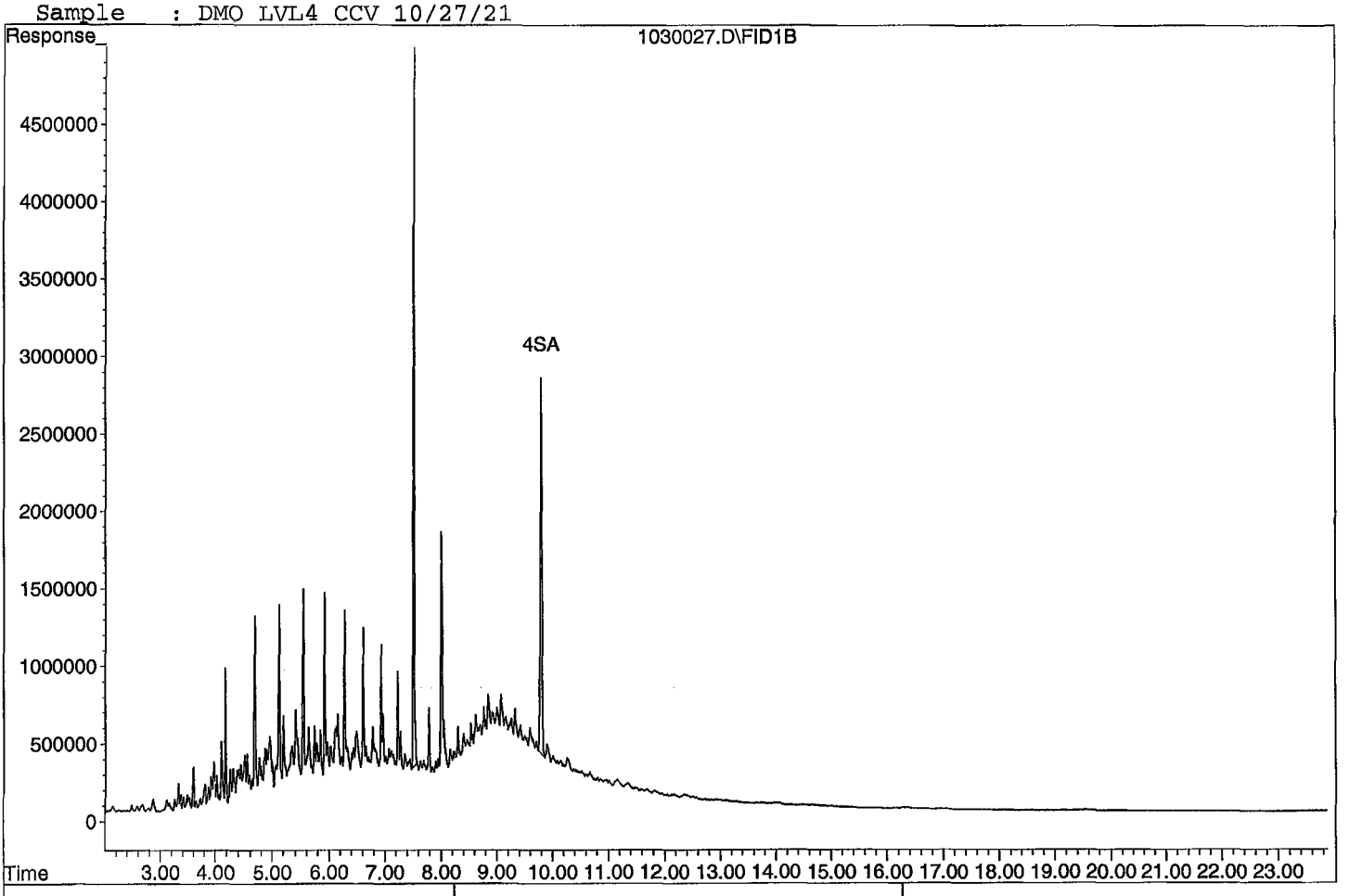
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Nov 02 14:56:02 2021
Response via : Multiple Level Calibration

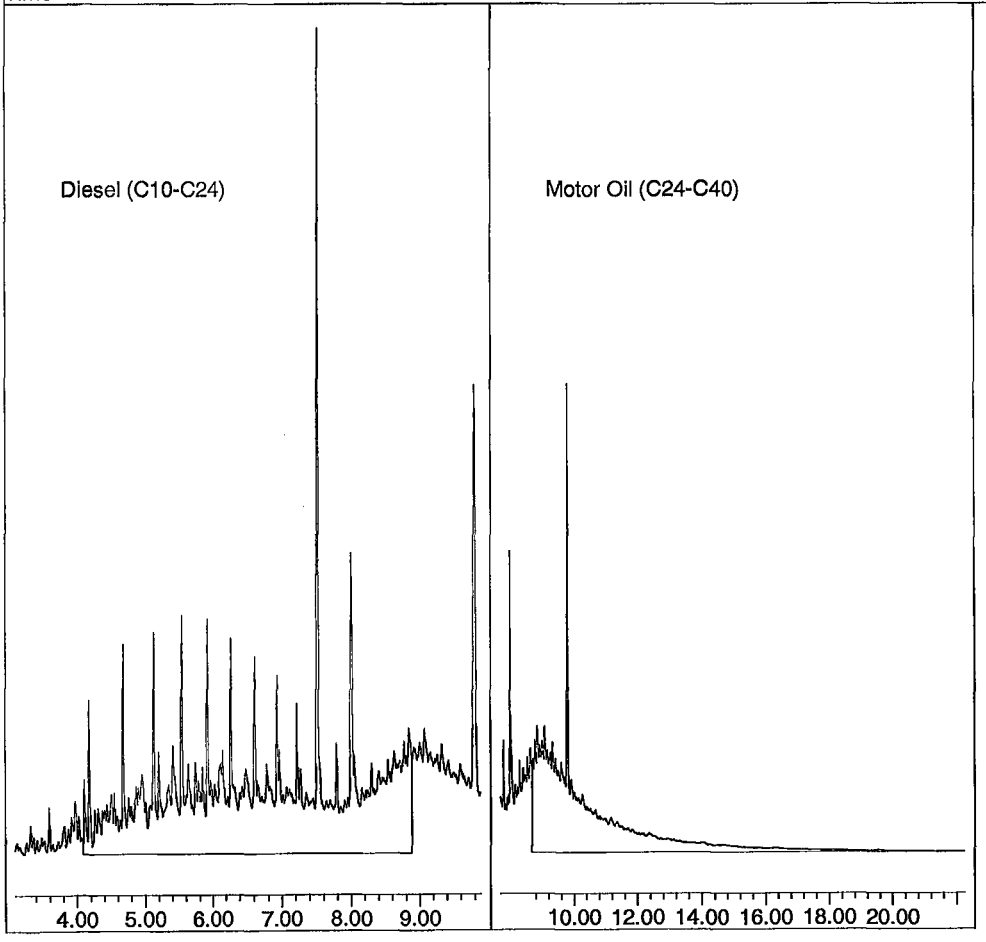
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	67370053	10.771 ppb
Surrogate Spike 30.000	Recovery =		35.90%
4) SA Octacosane(S)	9.79	51139821	11.307 ppb
Surrogate Spike 30.000	Recovery =		37.69%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1111948802	220.917 ppb
2) HBTM Motor Oil (C24-C40)	14.96	831070275	234.945 ppb
Target Compounds			

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

Data File: G:\APOLLO\DATA\211030\1030027.D
Sample : DMQ LVL4 CCV 10/27/21





TPH Extractables
DEC0911

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 10/31/2021
Instrument: Apollo
Initial Cal. Date: 9/11/2021
Data File: 1030028.D

		Compound	MEAN	CCRF	%D		%Drift
1	SC	Decanoic Acid(S)	1283070	1354960	5.6	SC	
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
		Average			5.6		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211030\1030028.D Vial: 28
Acq On : 10-31-21 0:03:54 Operator: KA
Sample : Decanoic Acid CCV 10/8/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 1 8:13 2021 Quant Results File: DEC0911.RES

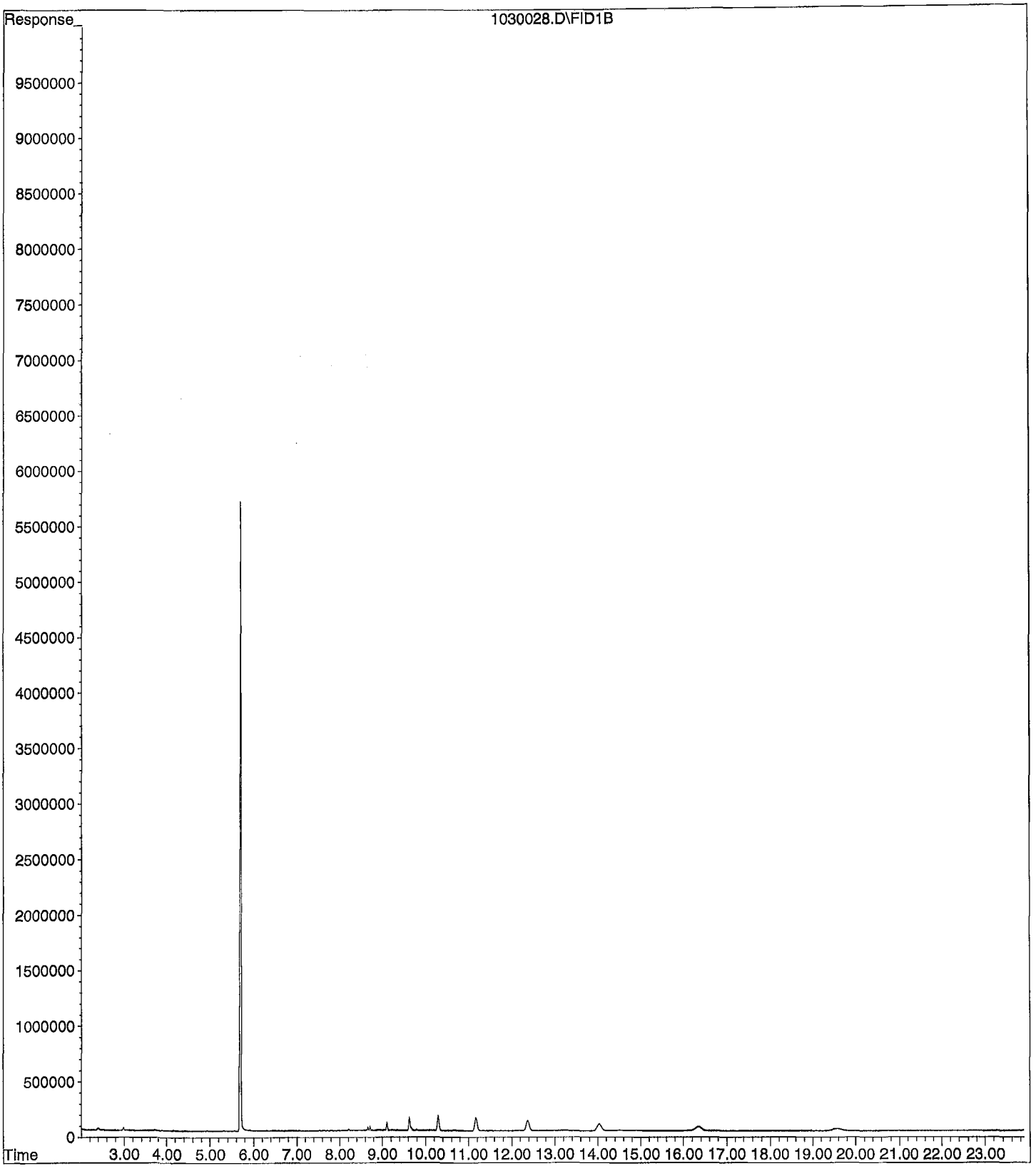
Method : G:\APOLLO\DATA\210911\DEC0911.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Sat Oct 30 12:40:54 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) SC Decanoic Acid(S)	5.71	97557381	38.017 ppb
Surrogate Spike 24.000		Recovery =	158.40%
Target Compounds			
Target Compounds			

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

File : G:\APOLLO\DATA\211030\1030028.D
Operator : KA
Acquired : 10-31-21 0:03:54 using AcqMethod TPHSN.M
Instrument : Apollo
Sample Name: Decanoic Acid CCV 10/8/21
Misc Info : water
Vial Number: 28



ORGANICS
Raw Data

Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211030\1030018.D Vial: 18
Acq On : 10-30-21 19:21:31 Operator: KA
Sample : BA43832W09 5/1030 SG Inst : Apollo
Misc : water Multiplr: 4.85
IntFile : events.e
Quant Time: Nov 2 14:57 2021 Quant Results File: DOC1028.RES

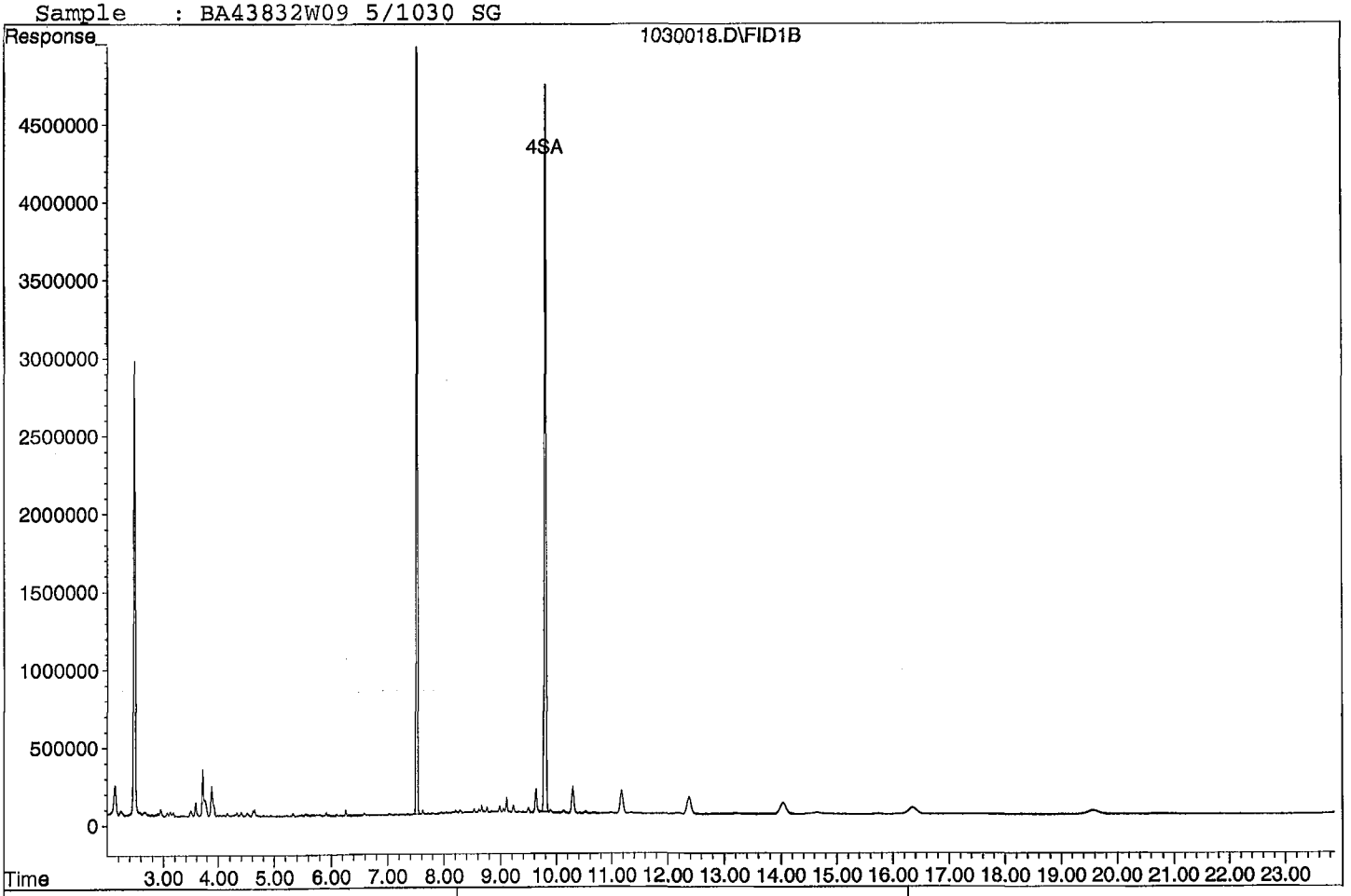
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Nov 02 14:56:02 2021
Response via : Multiple Level Calibration

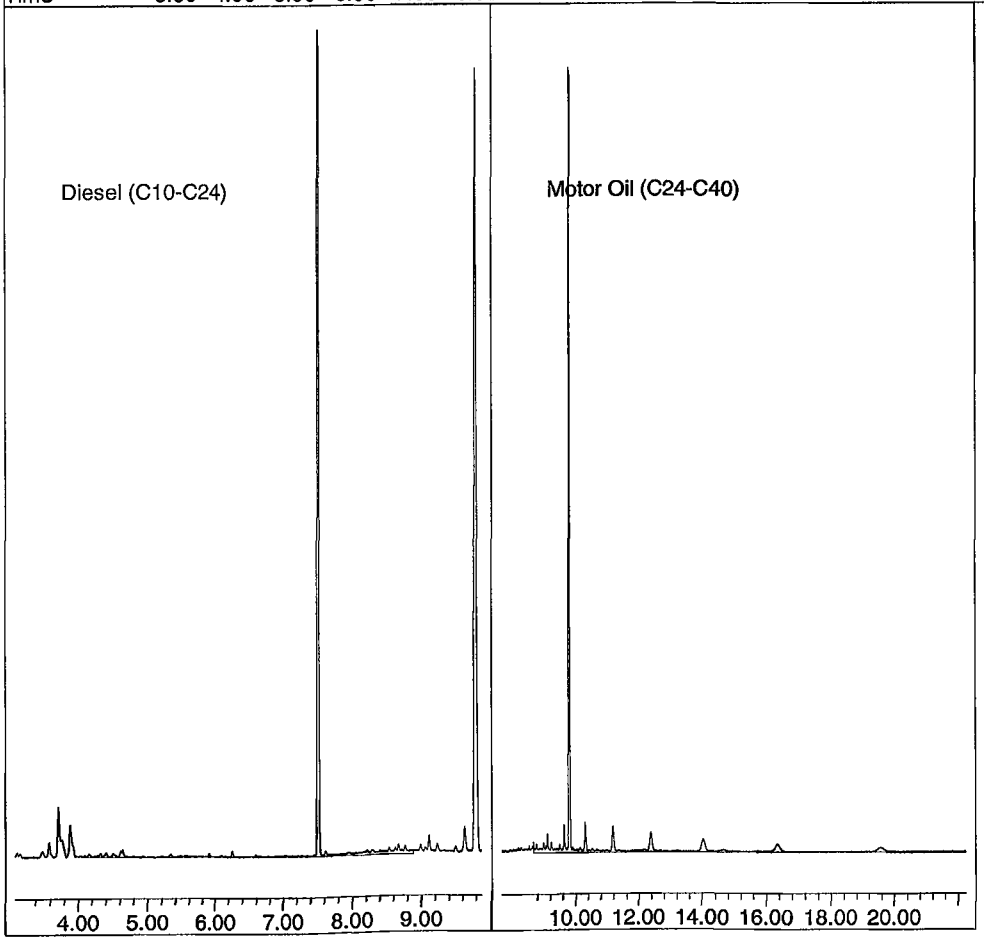
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	110069482	85.422 ppb
Surrogate Spike 145.631		Recovery =	58.66%
4) SA Octacosane(S)	9.79	99000167	106.257 ppb
Surrogate Spike 145.631		Recovery =	72.96%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	28743473	27.721 ppb
2) HBTM Motor Oil (C24-C40)	14.96	95867864	88.299 ppb
Target Compounds			

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

Data File: G:\APOLLO\DATA\211030\1030018.D
Sample : BA43832W09 5/1030 SG





Quantitation Report (QT Reviewed)

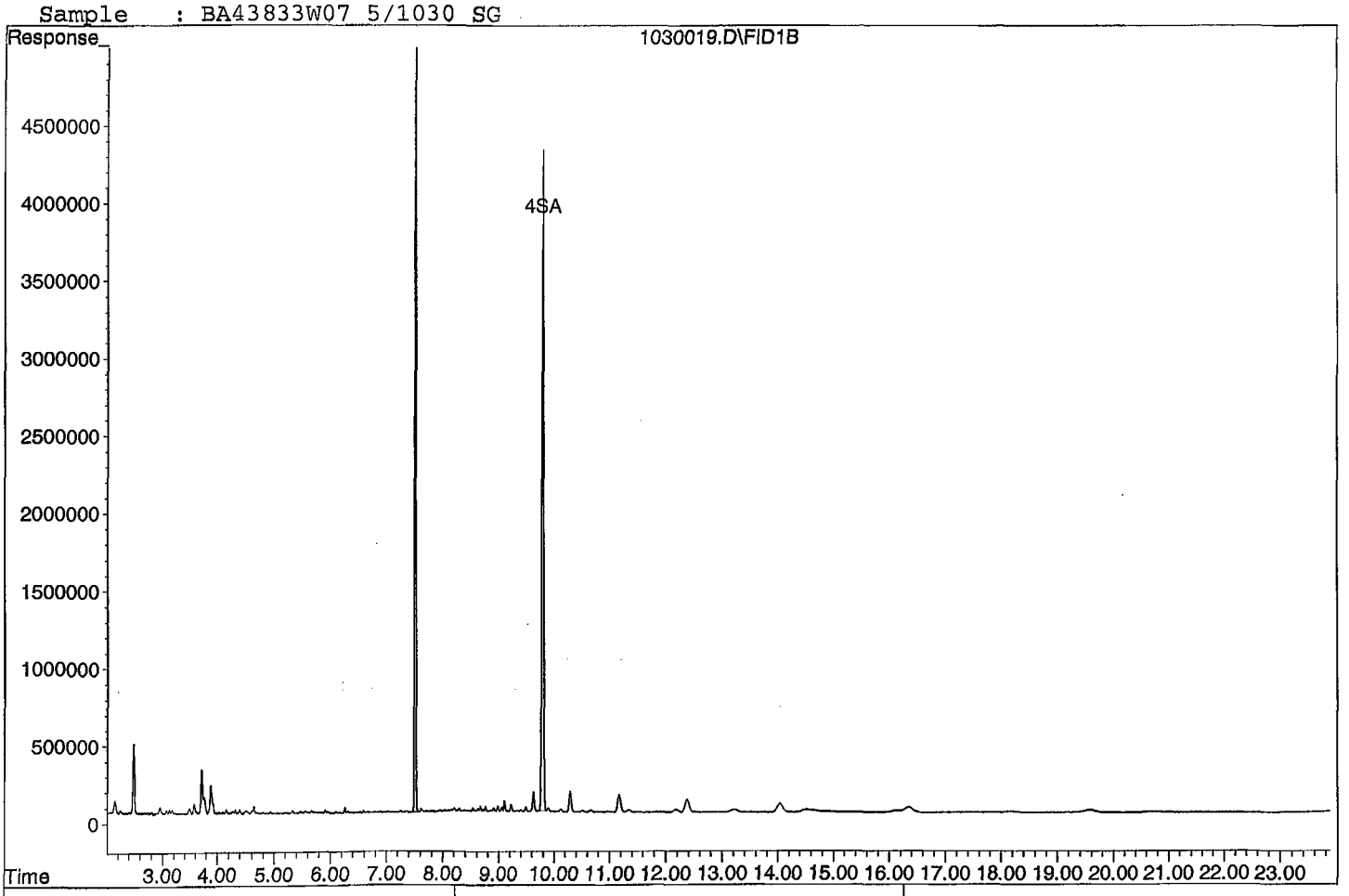
Data File : G:\APOLLO\DATA\211030\1030019.D Vial: 19
Acq On : 10-30-21 19:49:50 Operator: KA
Sample : BA43833W07 5/1030 SG Inst : Apollo
Misc : water Multiplr: 4.85
IntFile : events.e
Quant Time: Nov 2 14:57 2021 Quant Results File: DOC1028.RES

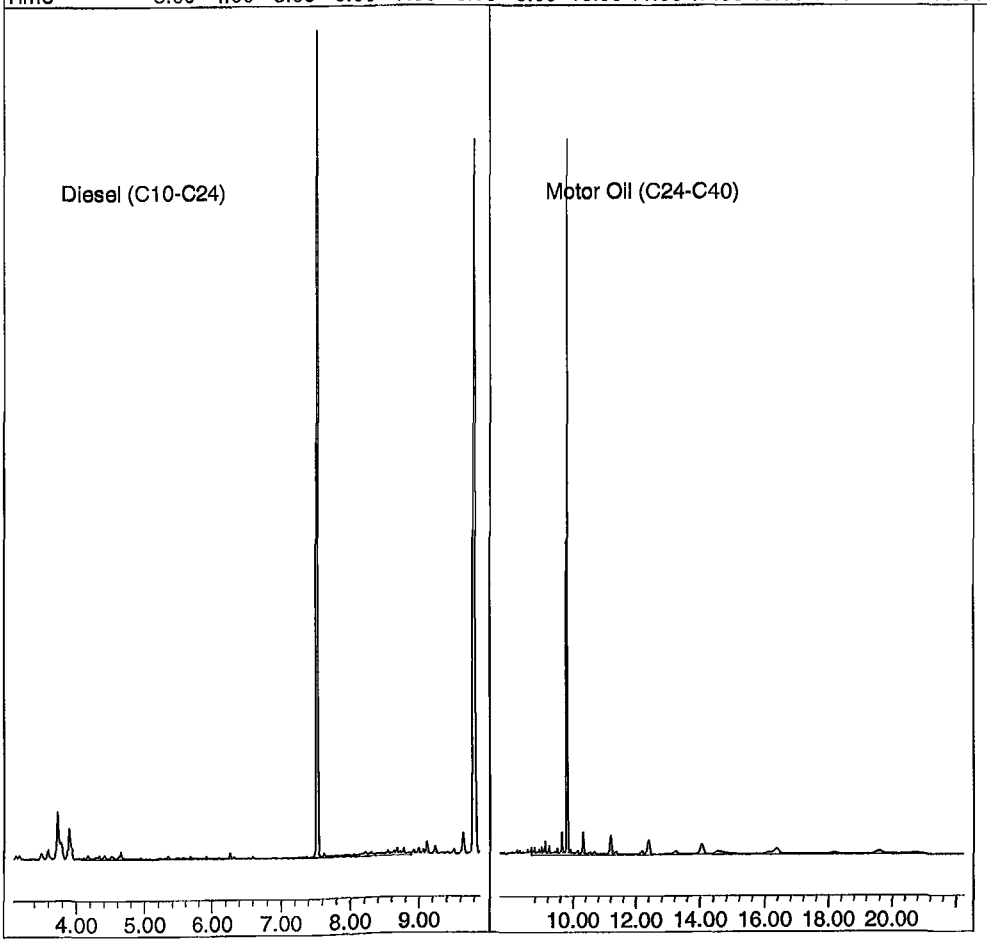
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Nov 02 14:56:02 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	97548381	75.705 ppb
Surrogate Spike 145.631		Recovery =	51.98%
4) SA Octacosane(S)	9.79	87223749	93.617 ppb
Surrogate Spike 145.631		Recovery =	64.28%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	25091757	24.200 ppb
2) HBTM Motor Oil (C24-C40)	14.96	87639158	76.522 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\211030\1030019.D
Sample : BA43833W07 5/1030 SG





Quantitation Report (QT Reviewed)

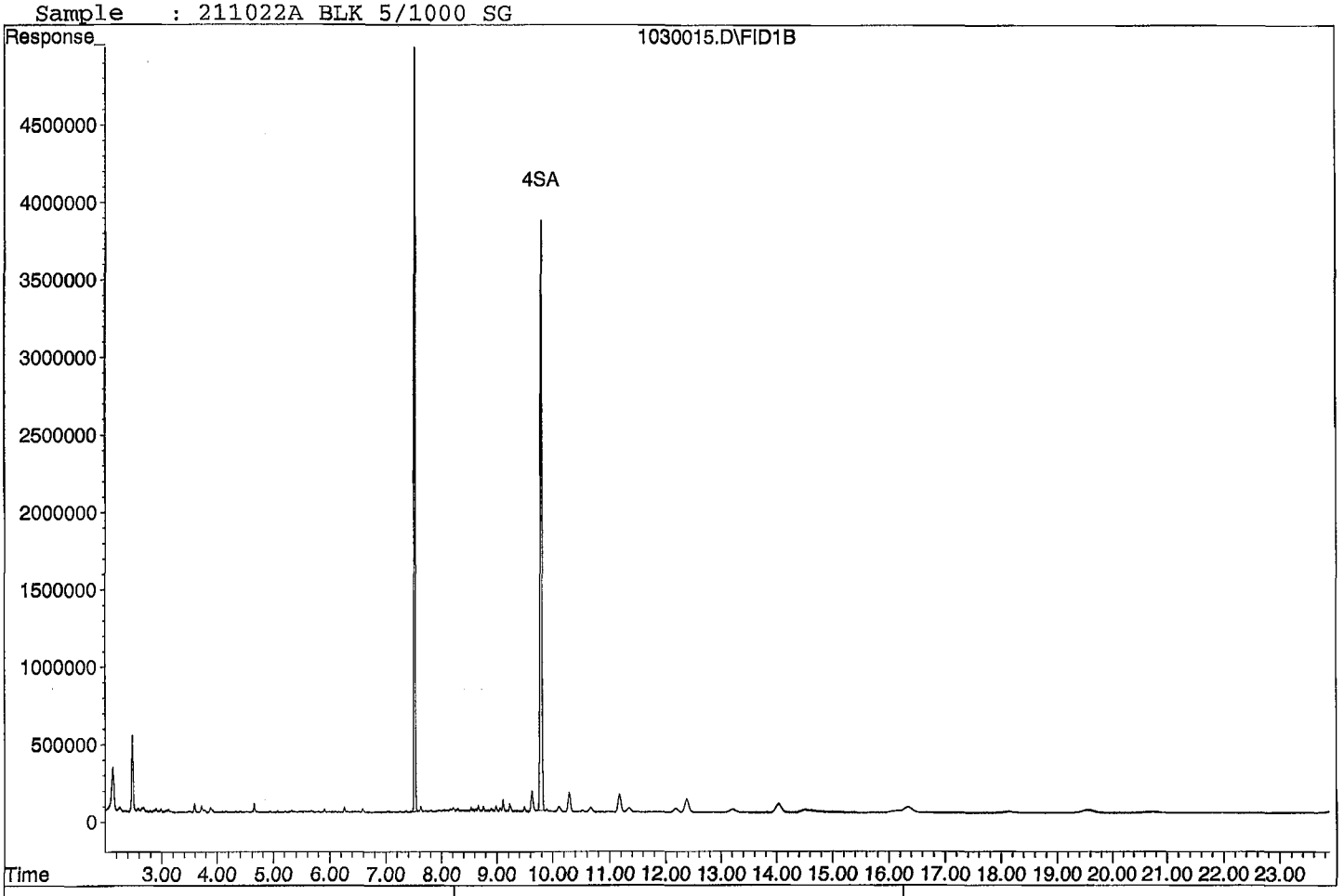
Data File : G:\APOLLO\DATA\211030\1030015.D Vial: 15
Acq On : 10-30-21 17:56:31 Operator: KA
Sample : 211022A BLK 5/1000 SG Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 2 14:53 2021 Quant Results File: DOC1028.RES

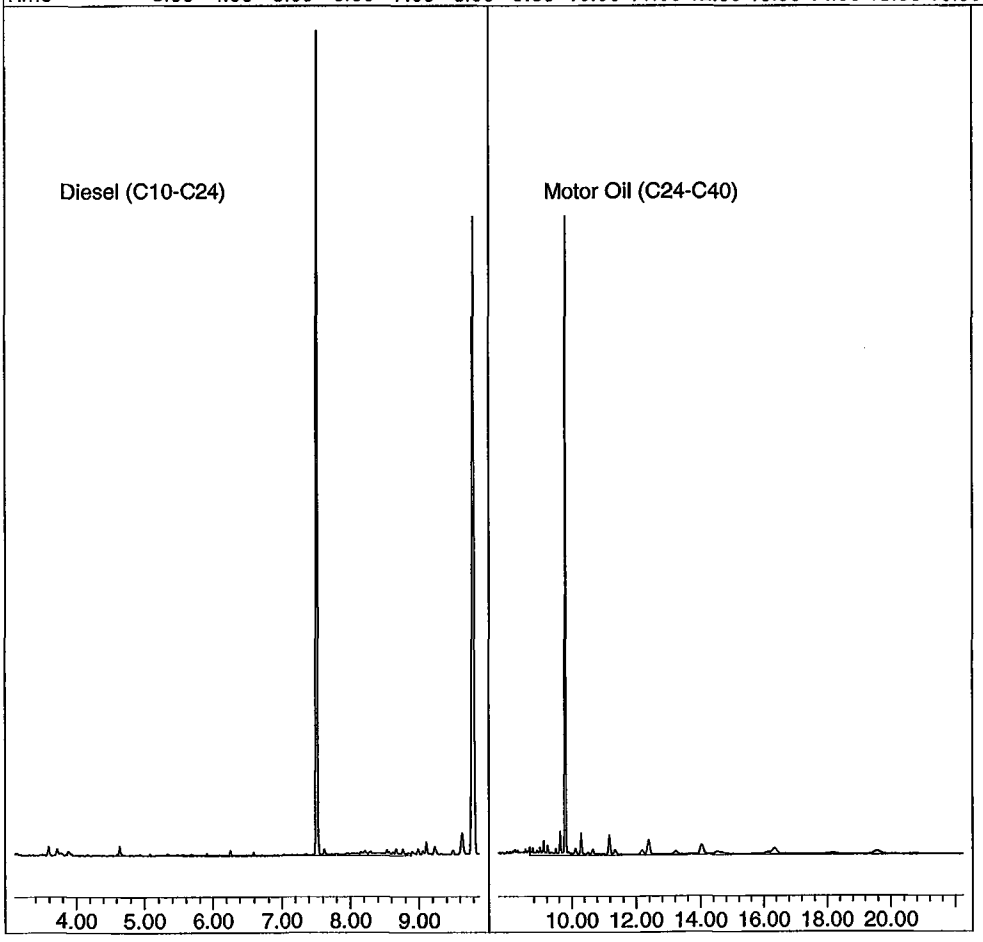
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Nov 02 14:56:02 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	84933232	67.892 ppb
Surrogate Spike 150.000		Recovery =	45.26%
4) SA Octacosane(S)	9.79	76982265	85.104 ppb
Surrogate Spike 150.000		Recovery =	56.74%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	22814310	22.663 ppb
2) HBTM Motor Oil (C24-C40)	14.96	92959357	86.661 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\211030\1030015.D
Sample : 211022A BLK 5/1000 SG





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211030\1030016.D Vial: 16
Acq On : 10-30-21 18:24:52 Operator: KA
Sample : 211022A LCS-1 5/1000 SG Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 2 14:54 2021 Quant Results File: DOC1028.RES

Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Nov 02 14:56:02 2021
Response via : Multiple Level Calibration

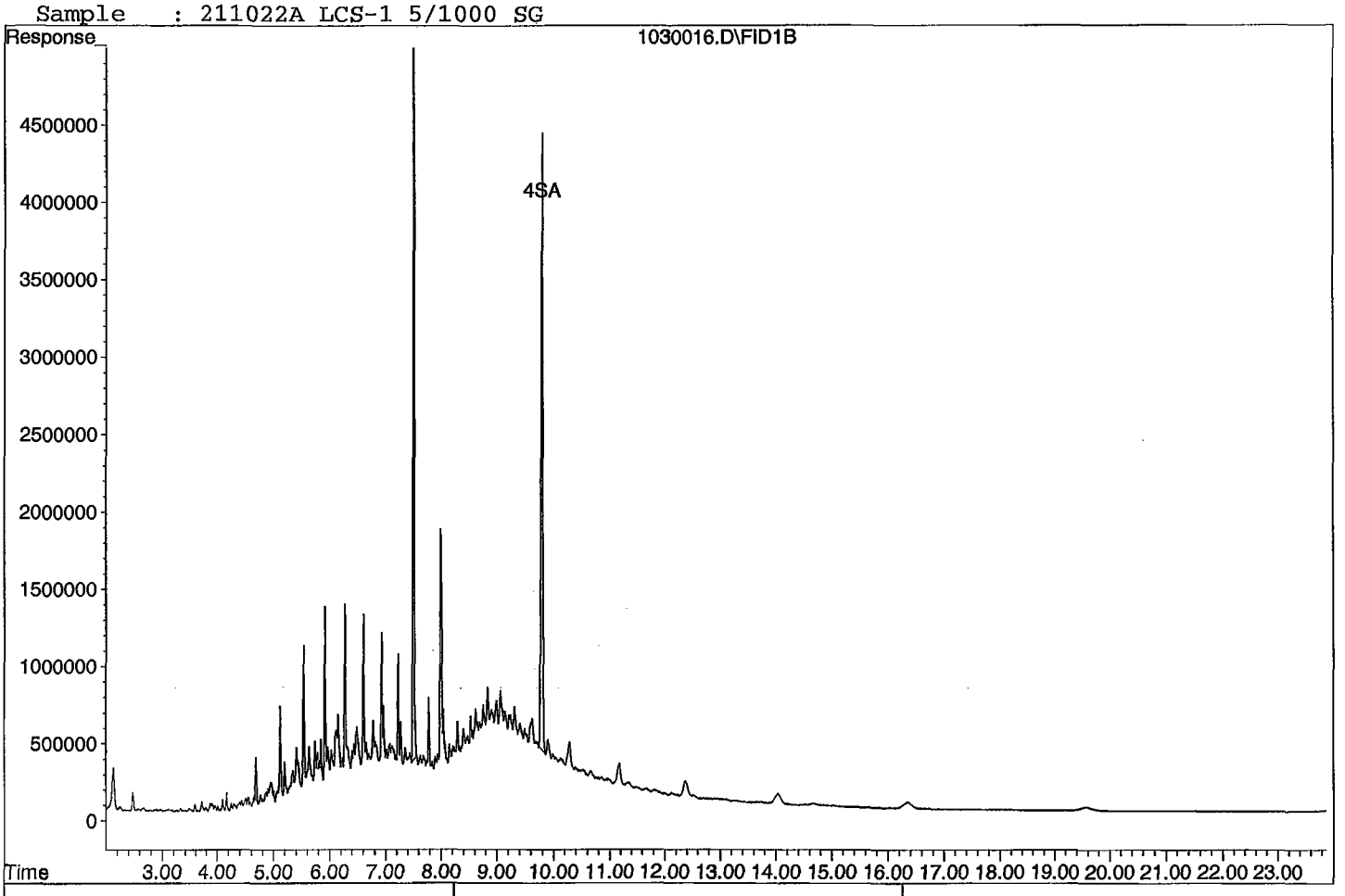
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

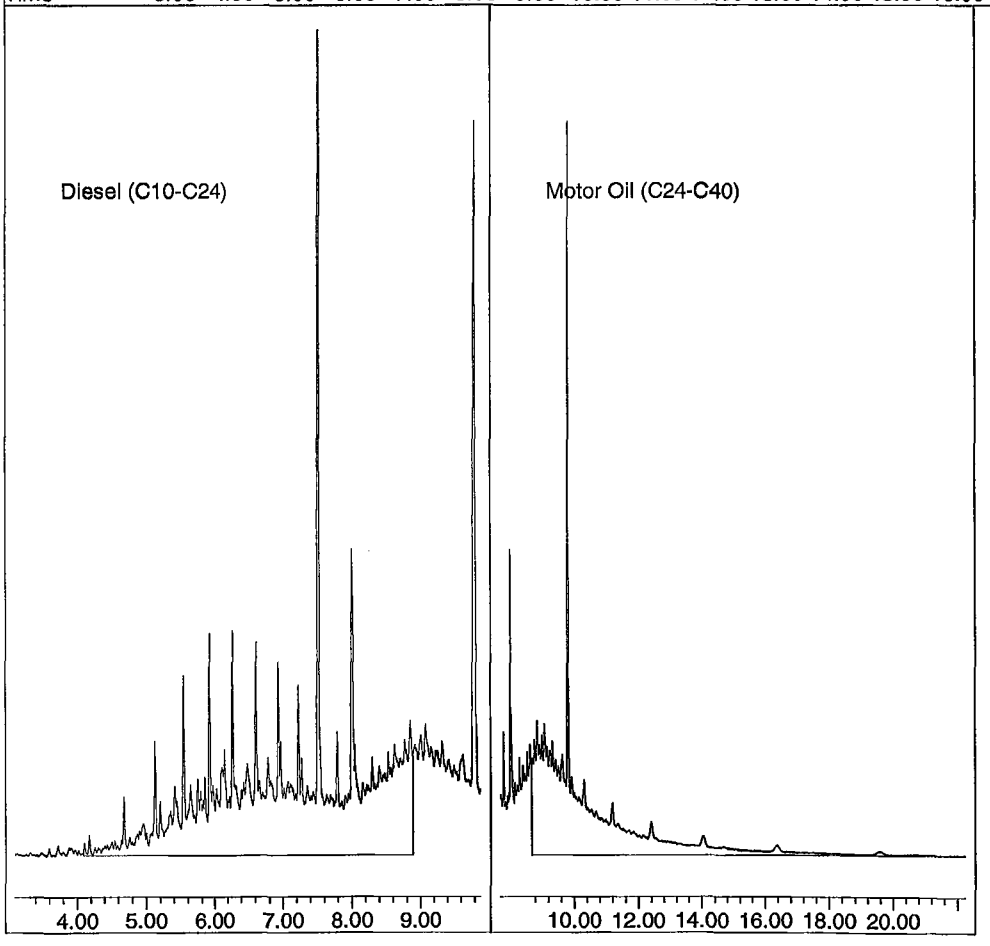
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	99555421	79.581 ppb
Surrogate Spike 150.000		Recovery =	53.05%
4) SA Octacosane(S)	9.80	80832533	89.360 ppb
Surrogate Spike 150.000		Recovery =	59.57%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	995010991	988.421 ppb
2) HBTM Motor Oil (C24-C40)	14.96	884851592	1254.005 ppb
Target Compounds			

Diesel:

$$\frac{(995010991)(5)}{(2516669)(2)} = \frac{4975054955}{5033338} = \boxed{988.421}$$

Data File: G:\APOLLO\DATA\211030\1030016.D
Sample : 211022A LCS-1 5/1000 SG





Quantitation Report (QT Reviewed)

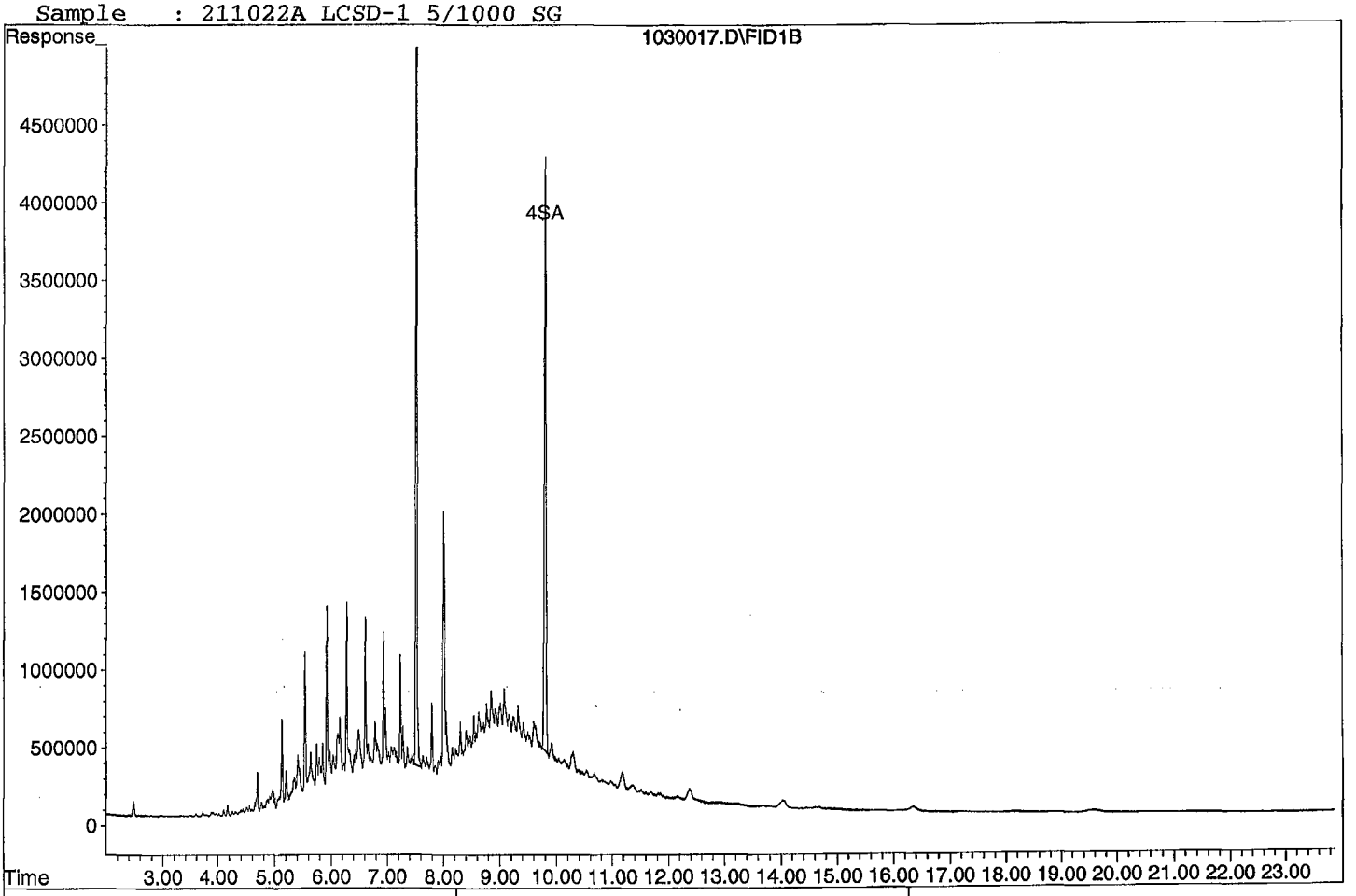
Data File : G:\APOLLO\DATA\211030\1030017.D Vial: 17
Acq On : 10-30-21 18:53:13 Operator: KA
Sample : 211022A LCSD-1 5/1000 SG Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 2 14:56 2021 Quant Results File: DOC1028.RES

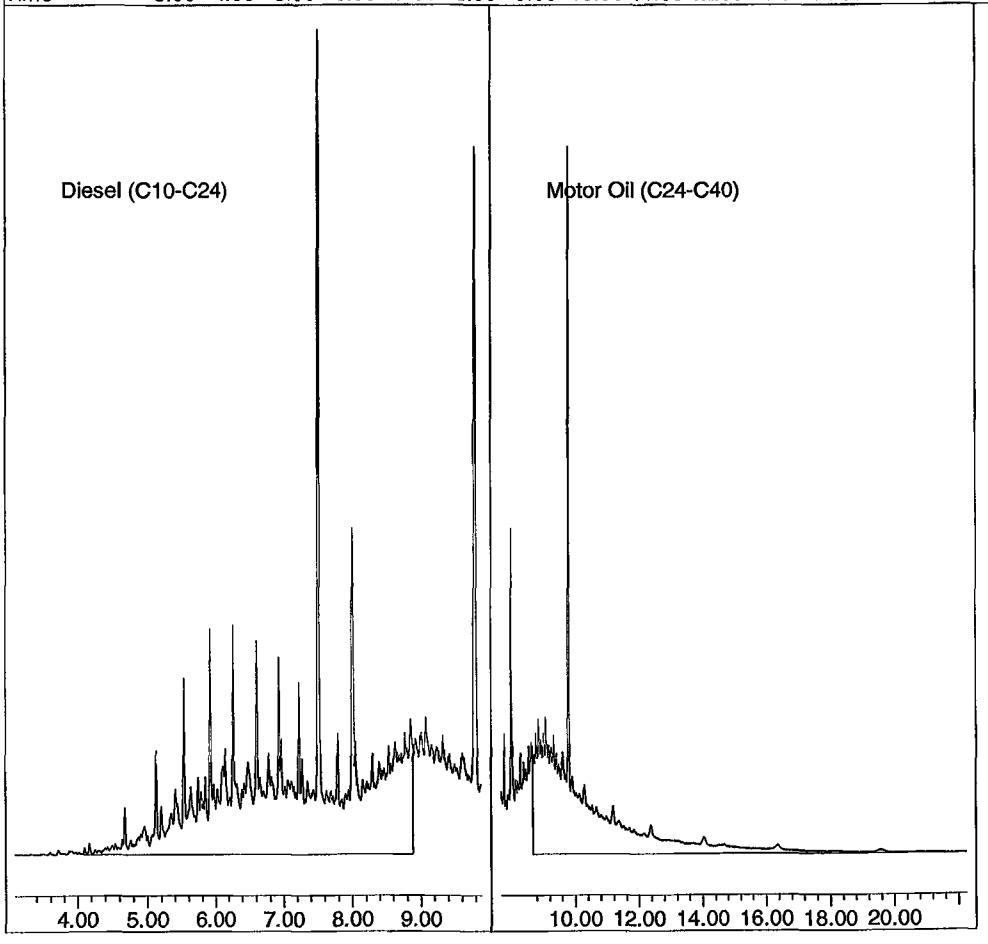
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Nov 02 14:56:02 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	99815705	79.789 ppb
Surrogate Spike 150.000		Recovery =	53.19%
4) SA Octacosane(S)	9.80	78380669	86.650 ppb
Surrogate Spike 150.000		Recovery =	57.77%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	993871675	987.289 ppb
2) HBTM Motor Oil (C24-C40)	14.96	900970692	1277.767 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\211030\1030017.D
Sample : 211022A LCSD-1 5/1000 SG





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
Prepared By (Initials): KA

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 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

Diesel Motor Oil Mix

Prepared: 10/16/2021 **Prepared By (Initials): KA**

Expires: 10/31/2027

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	Restek	31258	50,000	**A0164485-52663 and 52822**	**See man. Date**	**10/31/2027**	4.00 mL (1.4)	8.0 mL (2.8)	NA	25,000
Motor Oil Composite	Restek	31464	50,000	**A0166510-52817 and 52819**	**See man. Date**	**12/31/2027**	4.00 mL (1.4)			25,000

THC Surrogate

Prepared: 10/21/2021 **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	**CL16893-52842**	**See ma. Date**	**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: 10/21/2021 **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	**070821-52695**	**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	211022A	Extraction Method	LIQ005SGC	Units	mL

Spiked ID 1	Diesel Motor Oil Mix 10-16-21 10-16-22		Surrogate ID 1	THC Surrogate 10-21-21 10-21-21	
Spiked ID 2	Decanoic 1000ug/mL Acid Solution 10-21-21 10-21-22		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:	10/22/21 16:30	
Spiked ID 8			Ext. End Time:	10/23/21 10:07	
			GC Requires Extract By:		

pH1	2	10/22/21 14:25	Water Bath Temp 1 °C	41/ 40.1 °C
pH2			Water Bath Temp 2 °C	34/ 35.1
pH3			Water Bath Temp 3 °C	34/ 33.5 °C

Spiked By: SR **Date** 10/22/2021 **Witnessed By:** CG **Date** 10/22/2021

	Sample	Sample Container	Spike Amount	Spike ID	Surrogate Amount	Surrogate ID	Extract Amount	Final Volume	pH	Extract Date/Time	Comments
1	211022A Blk		0.050	2	0.250	1	1000	5	2	10/22/21 14:30	*
						equip	E-WB1 E-HP11				
2	211022A LCS-1		0.080,0.050	1,2	0.250	1	1000	5	2	10/22/21 14:30	*
						equip	E-WB2 E-HP12				
3	211022A LCSD-1		0.080,0.050	1,2	0.250	1	1000	5	2	10/22/21 14:30	*
						equip	E-WB3 E-HP13				
4	BA43832	BA43832W09	0.050	2	0.250	1	1030	5	2	10/22/21 14:30	97924 *
						equip	E-WB1 E-HP14				
5	BA43833	BA43833W07	0.050	2	0.250	1	1030	5	2	10/22/21 14:30	97924 *
						equip	E-WB2 E-HP15				

Solvent and Lot#	
1+1 HCL (5mLs)	60282
PH Strips	HC155968
Dichloromethane (DCM)	61117
Filter Paper	400196
Sodium Sulfate	2021071206
SILICA GEL (*)	050627t

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

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

Modified	10/27/2021 10:13:53 AM

Reviewed By: KY **Date** 10/27/2021

Injection Log

Directory: G:\APOLLO\DATA\210911\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	2	911002.D	1	Decanoic Acid STD 1	water	9-11-21 10:22:53
2	3	911003.D	1	Decanoic Acid STD 2	water	9-11-21 10:51:11
3	4	911004.D	1	Decanoic Acid STD 3	water	9-11-21 11:19:39
4	5	911005.D	1	Decanoic Acid STD 4	water	9-11-21 11:48:04
5	6	911006.D	1	Decanoic Acid STD 5	water	9-11-21 12:16:37
6	7	911007.D	1	Decanoic Acid STD 6	water	9-11-21 12:45:02
7	3	1028003.D	1	DMO STD 1 10/28/21	water	10-28-21 9:19:03
8	4	1028004.D	1	DMO STD 2 10/28/21	water	10-28-21 9:47:06
9	5	1028005.D	1	DMO STD 3 10/28/21	water	10-28-21 10:15:13
10	6	1028006.D	1	DMO STD 4 10/28/21	water	10-28-21 10:43:31
11	7	1028007.D	1	DMO STD 5 10/28/21	water	10-28-21 11:11:42
12	8	1028008.D	1	DMO STD 6 10/28/21	water	10-28-21 11:39:55
13	9	1028009.D	1	DMO STD 7 10/28/21	water	10-28-21 12:08:10
14	10	1028010.D	1	DMO Second Source 10/28/21	water	10-28-21 12:36:26
15	5	1030005.D	1	DMO LVL4 CCV 10/27/21	water	10-30-21 12:55:52
16	6	1030006.D	1	Decanoic Acid CCV 10/8/21	water	10-30-21 13:24:07
17	15	1030015.D	5	211022A BLK 5/1000 SG	water	10-30-21 17:56:31
18	16	1030016.D	5	211022A LCS-1 5/1000 SG	water	10-30-21 18:24:52
19	17	1030017.D	5	211022A LCSD-1 5/1000 SG	water	10-30-21 18:53:13
20	18	1030018.D	4.85437	BA43832W09 5/1030 SG	water	10-30-21 19:21:31
21	19	1030019.D	4.85437	BA43833W07 5/1030 SG	water	10-30-21 19:49:50
22	27	1030027.D	1	DMO LVL4 CCV 10/27/21	water	10-30-21 23:35:45
23	28	1030028.D	1	Decanoic Acid CCV 10/8/21	water	10-31-21 0:03:54

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

		Compound	1	2	3	4	5	6	7				Avg	%RSD	Type	r^2	Q
			830004.D	830005.D	830006.D	830007.D	830008.D	830009.D	830010.D								
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		
5																	
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35																	

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

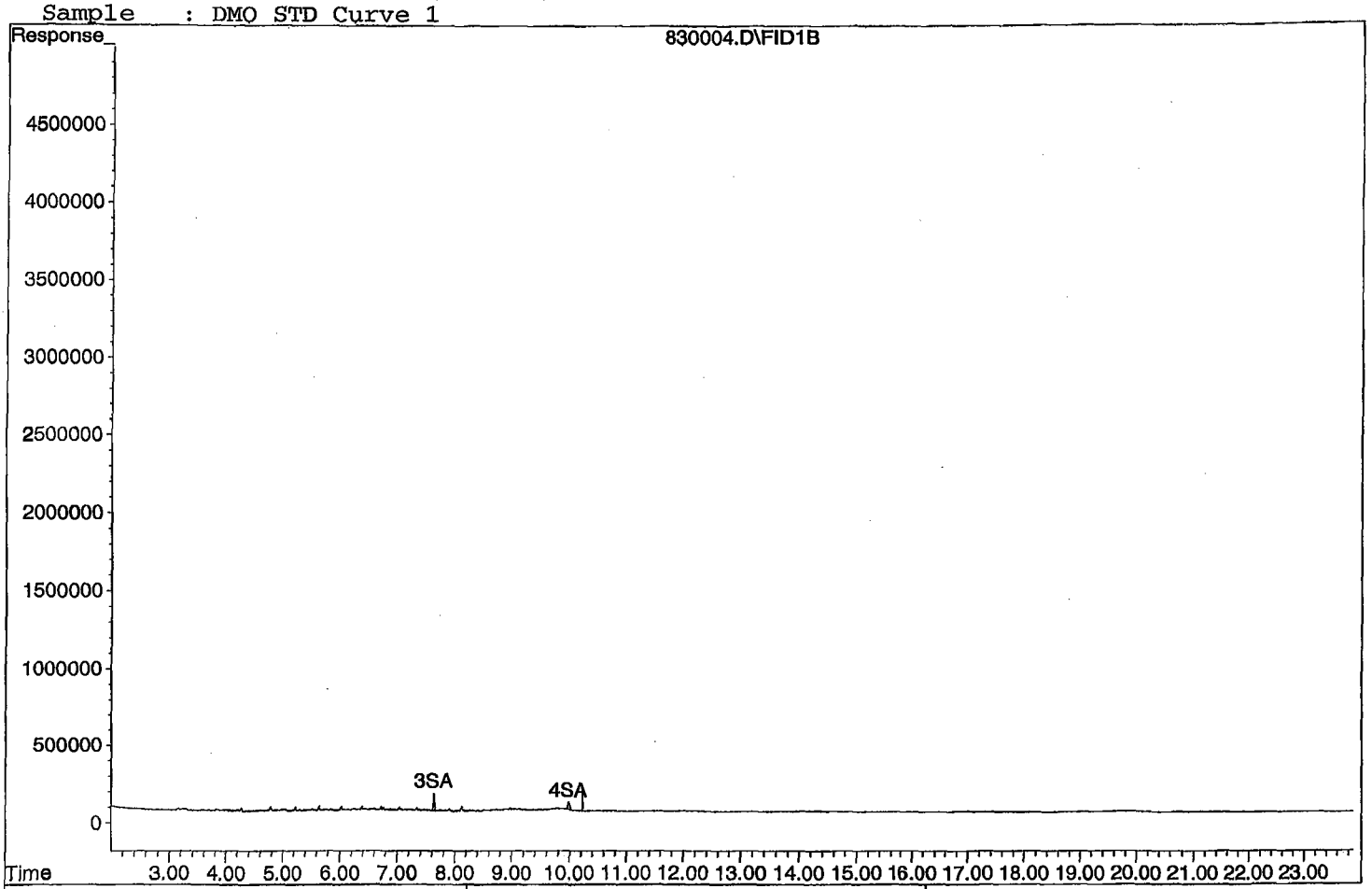
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

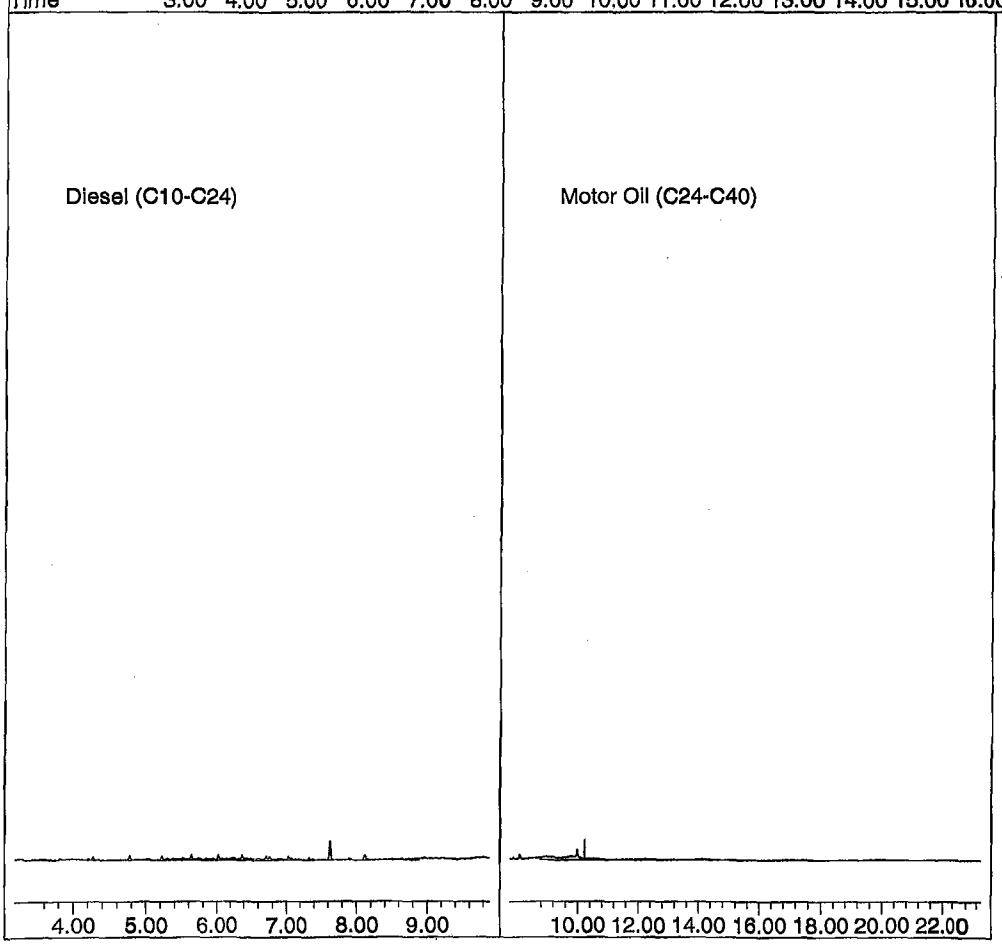
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	1426613	0.275 ppb
Surrogate Spike 30.000	Recovery =		0.92%
4) SA Octacosane(S)	9.98	1055167	0.274 ppb
Surrogate Spike 30.000	Recovery =		0.91%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	19960961	4.942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

Target Compounds

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

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

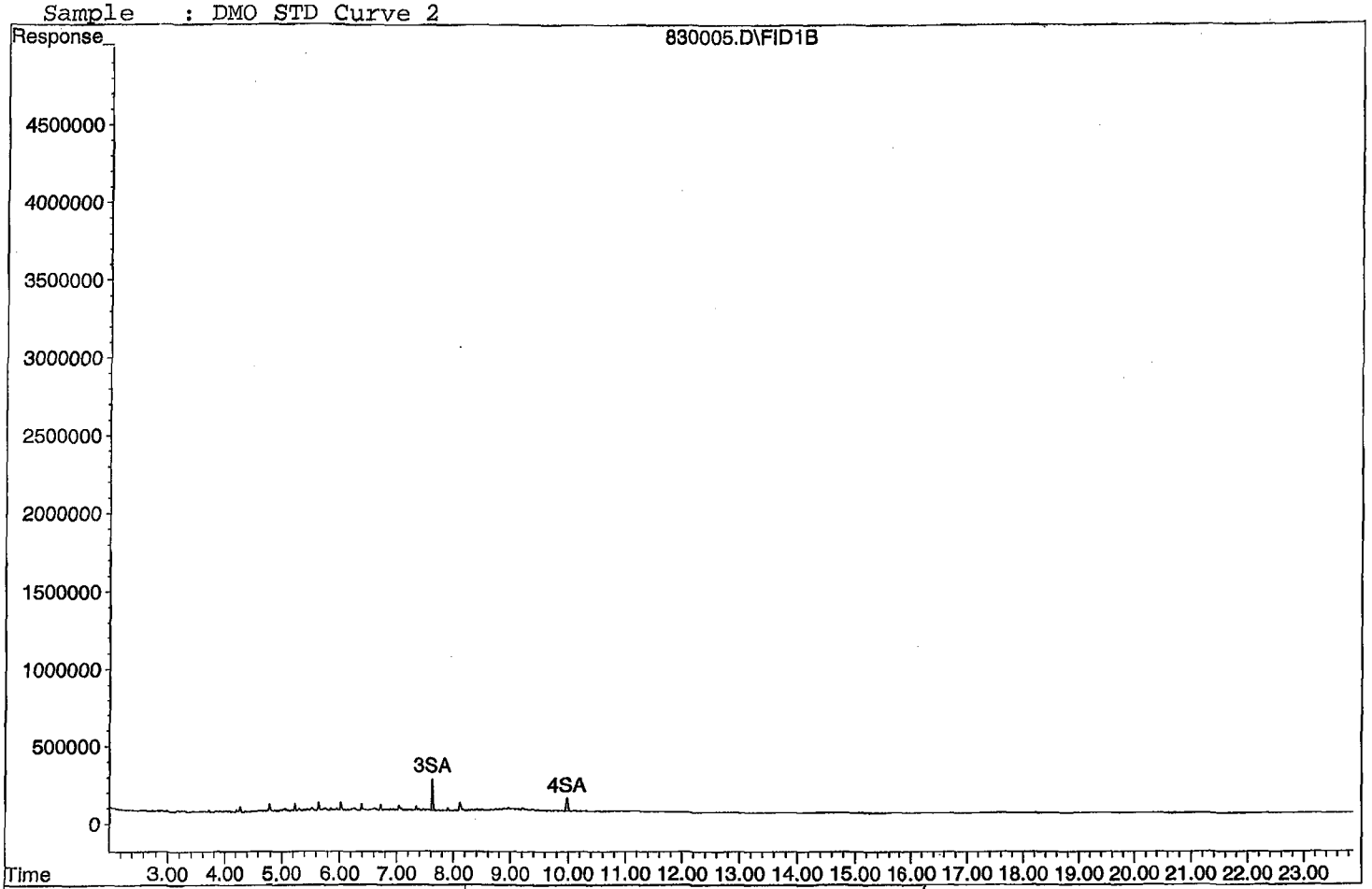
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

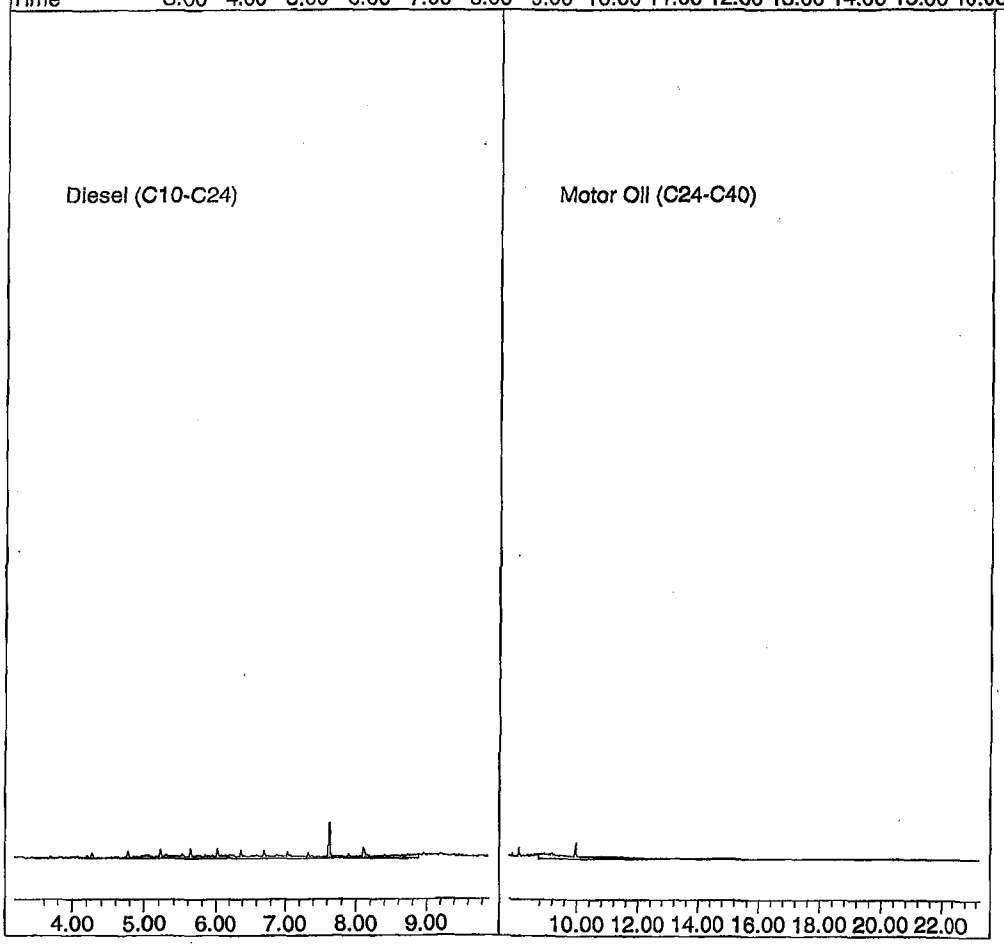
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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.

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

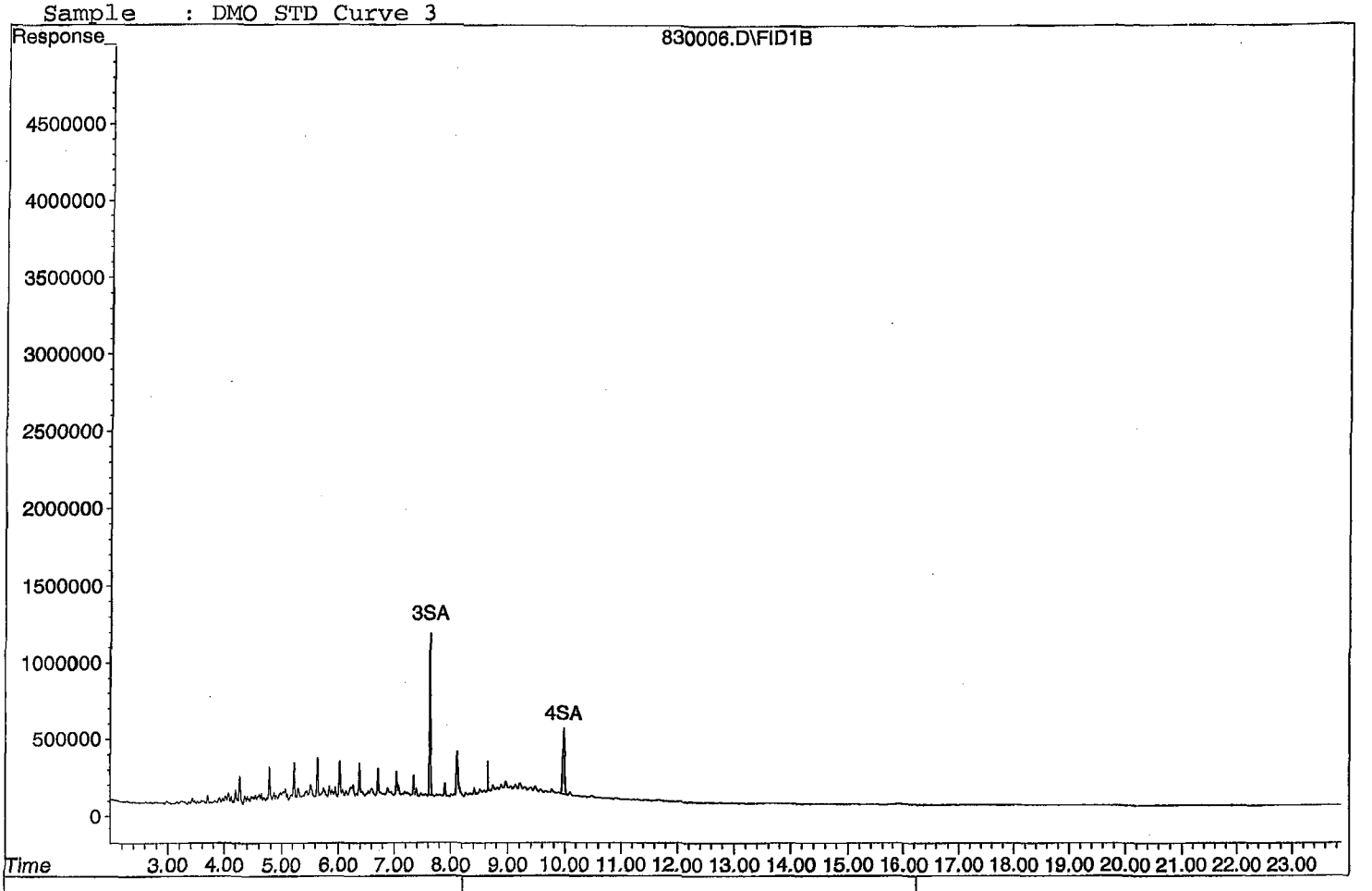
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

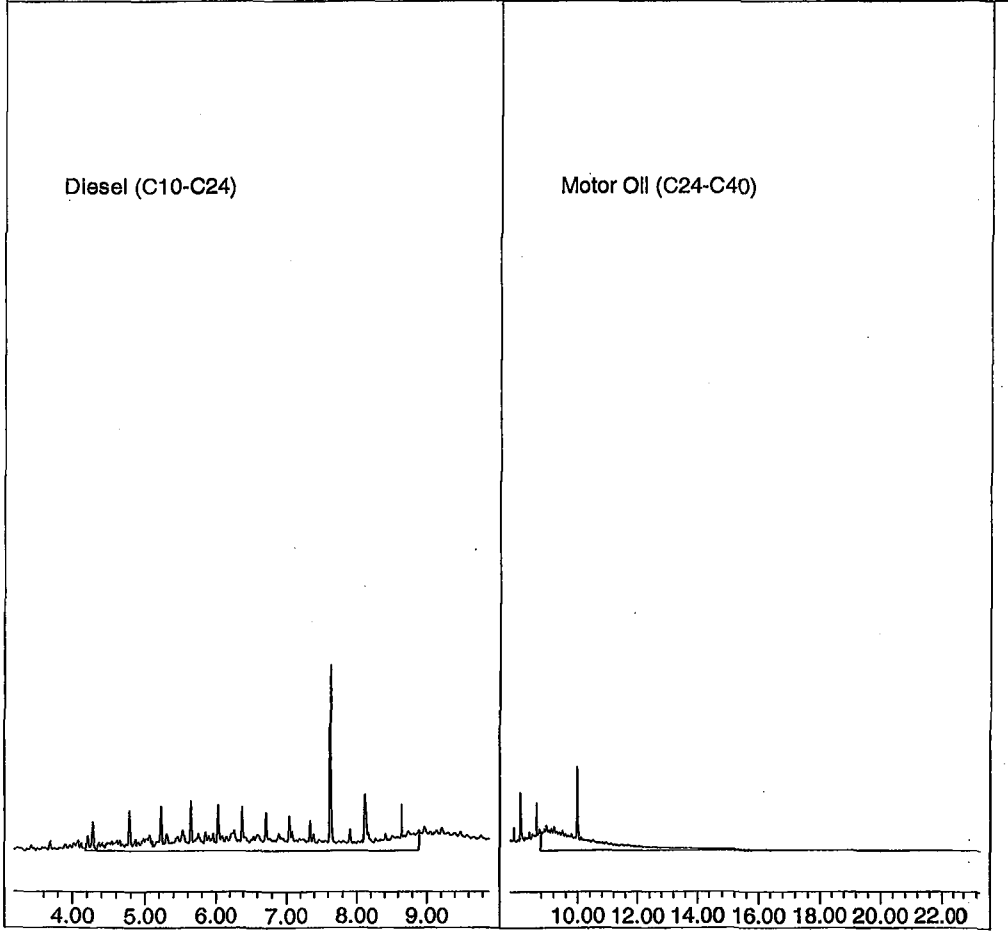
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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.

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

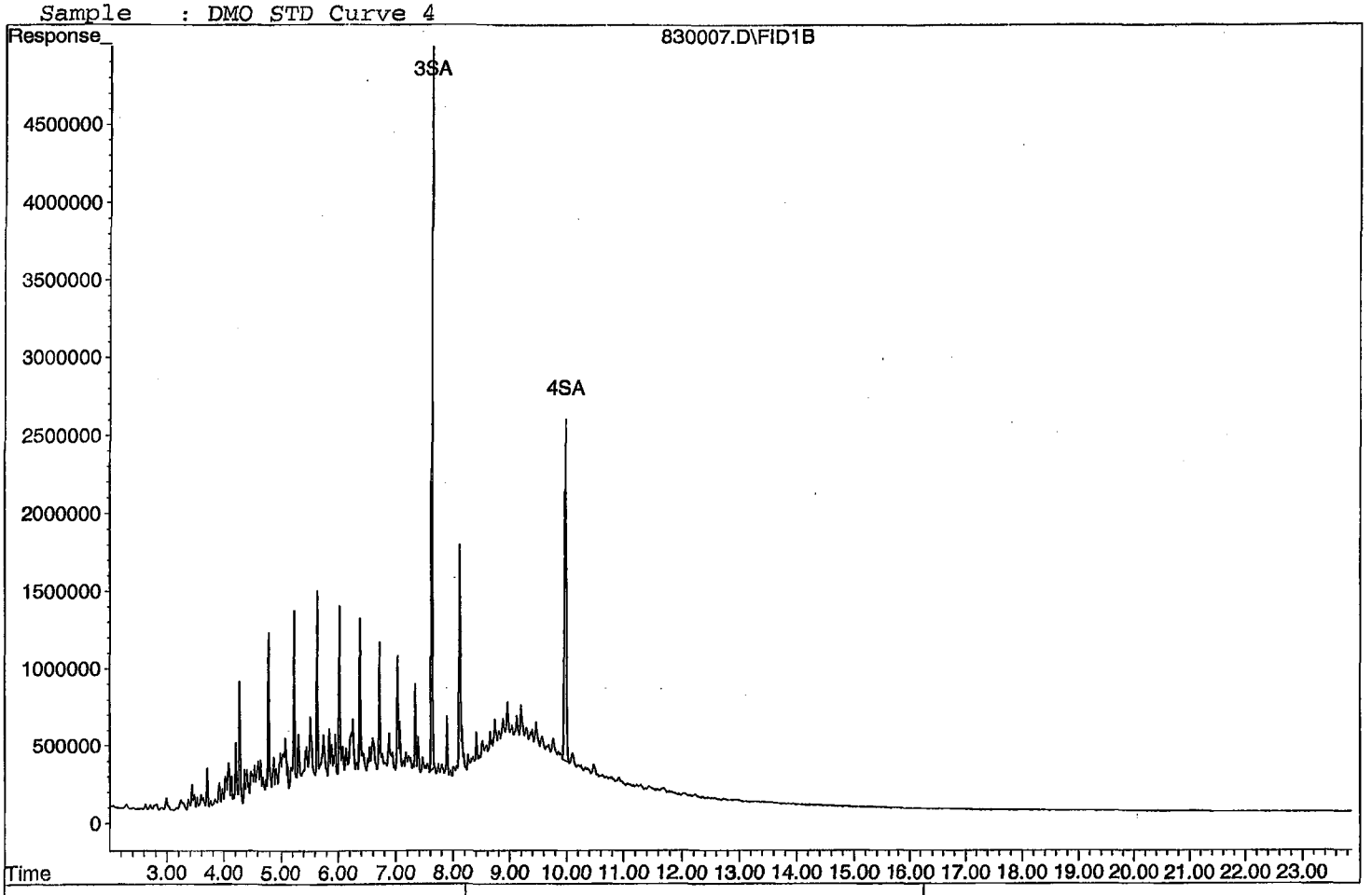
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

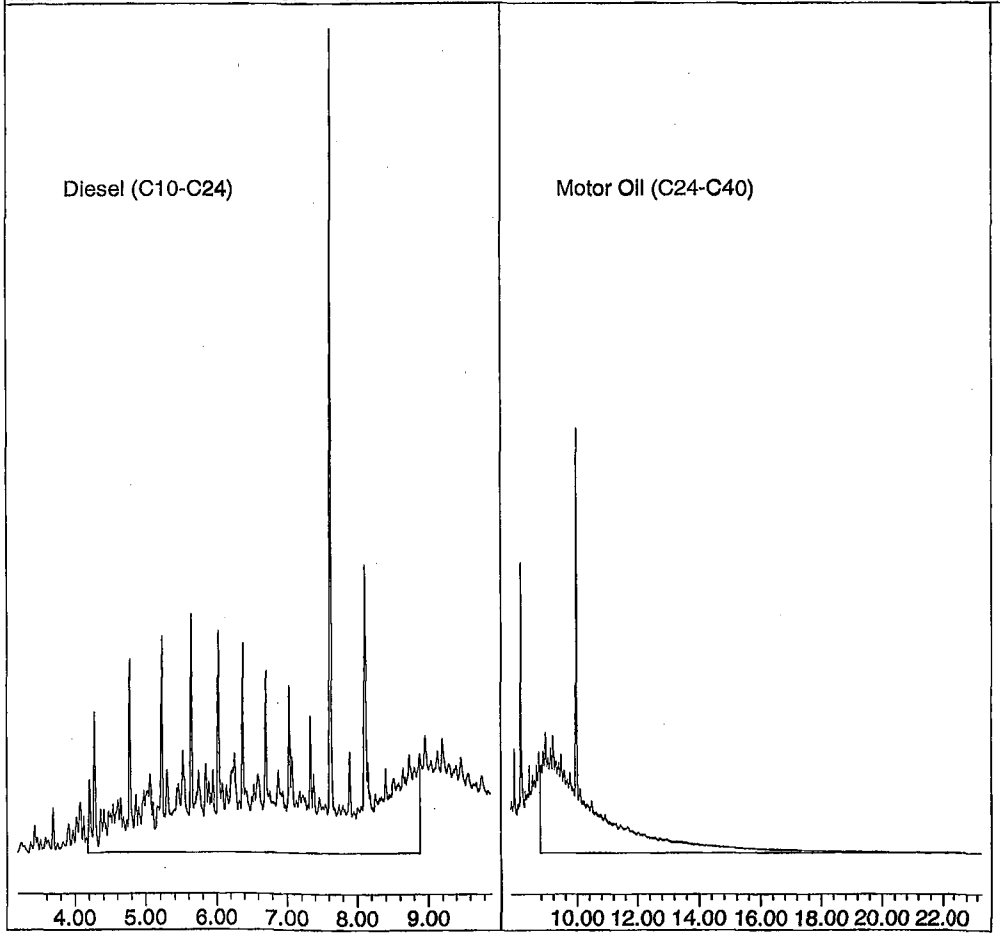
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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.

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

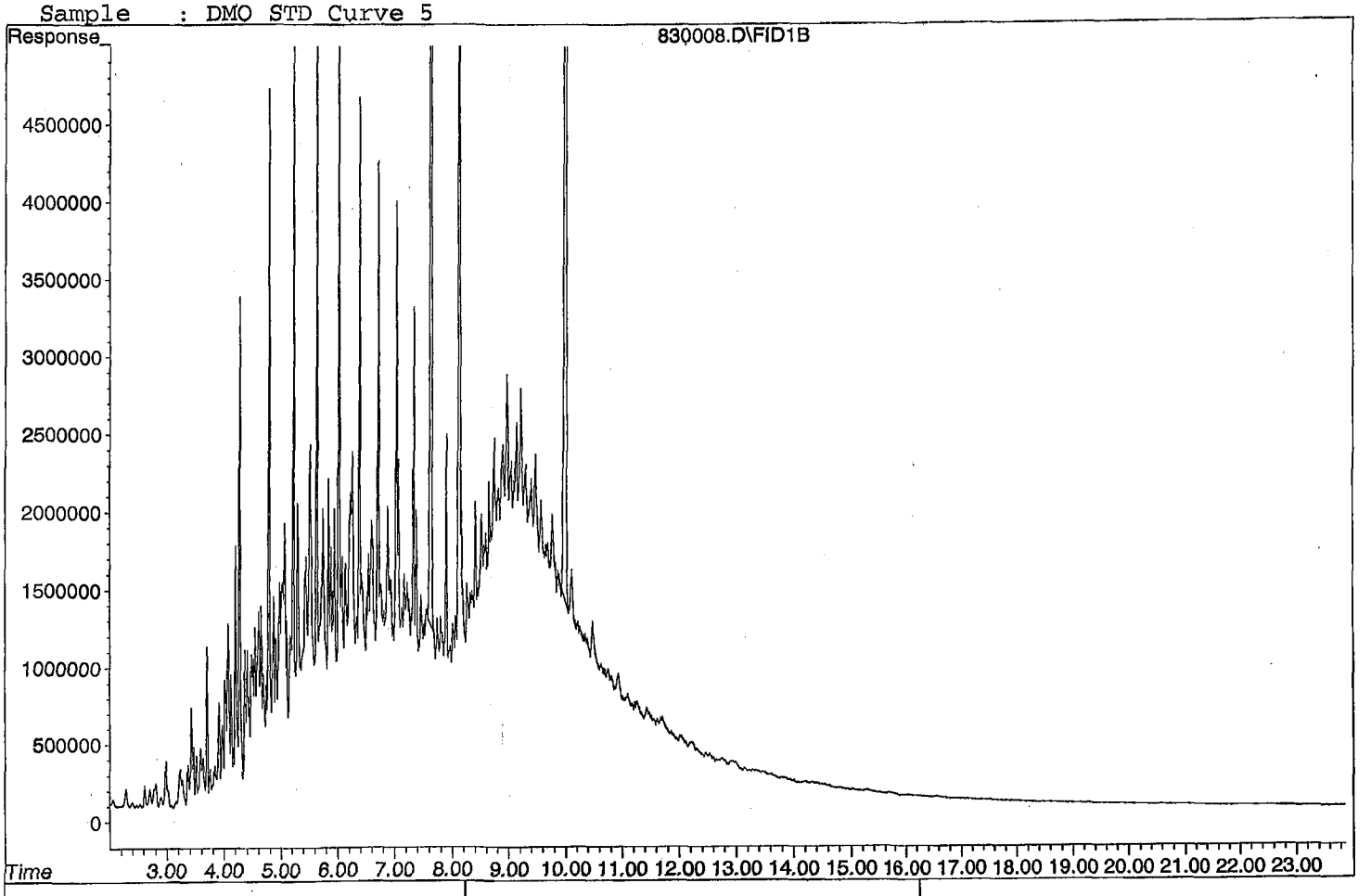
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

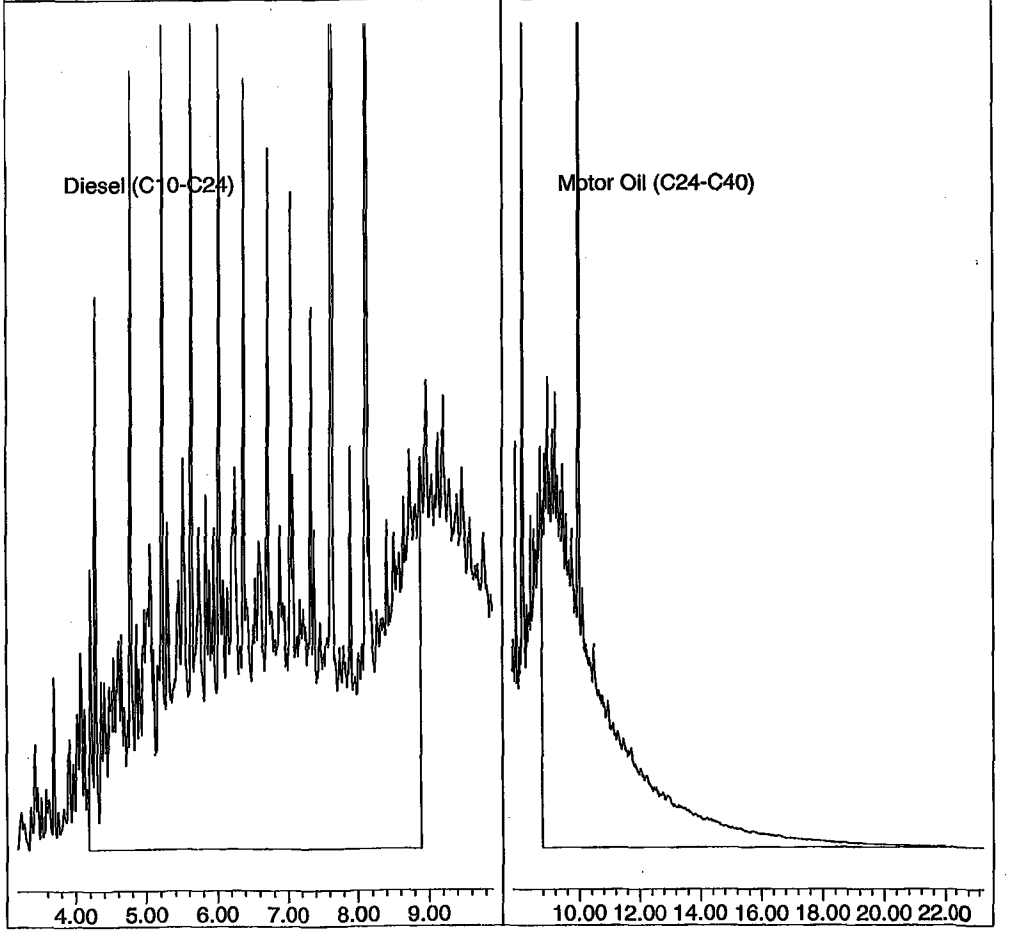
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	246979512	47.666 ppb
Surrogate Spike 30.000	Recovery =		158.89%
4) SA Octacosane(S)	9.99	187654879	48.707 ppb
Surrogate Spike 30.000	Recovery =		162.36%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	3956253906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

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

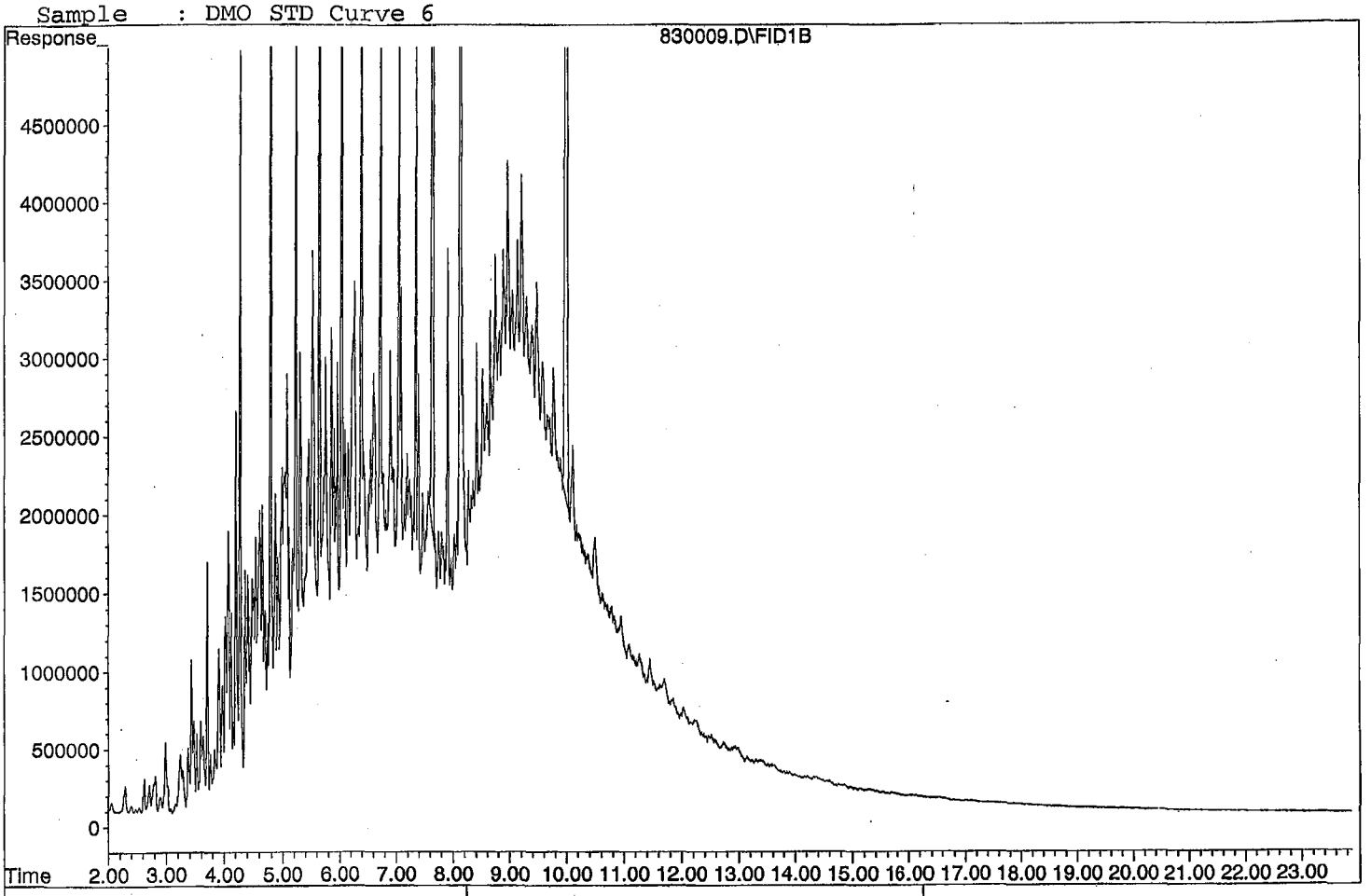
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

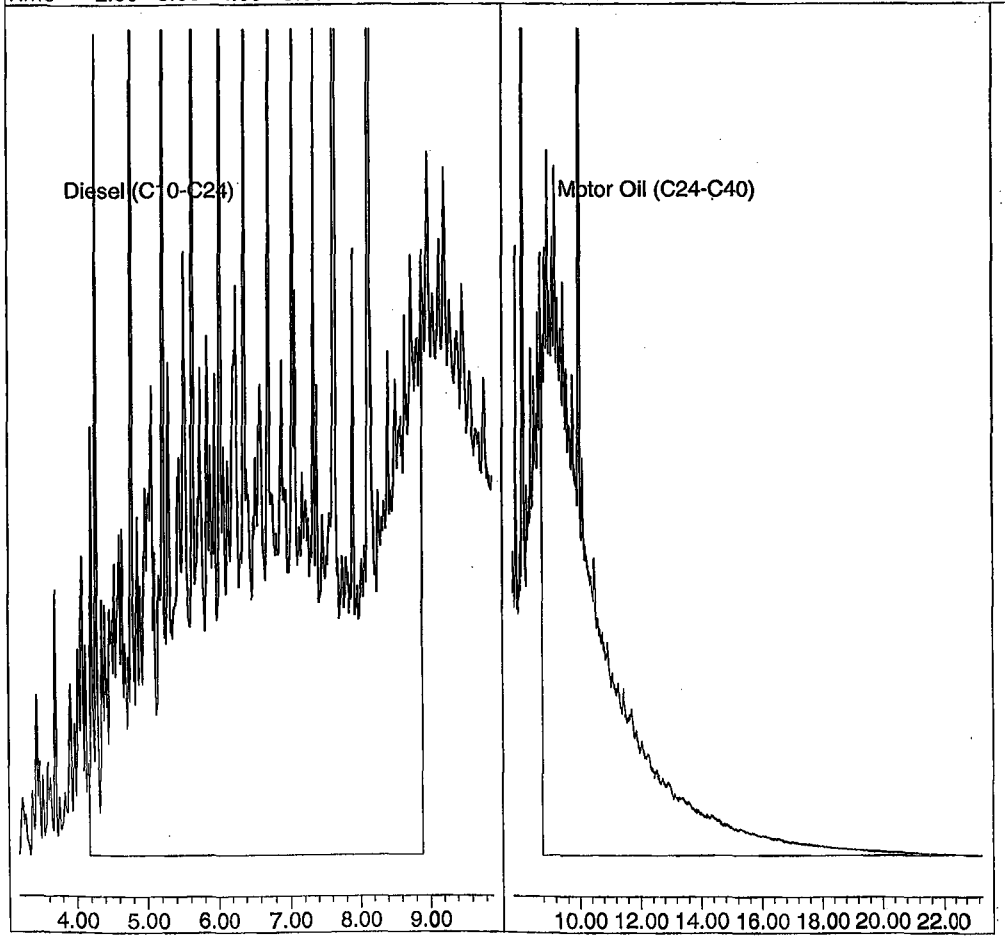
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
3) SA Ortho-Terphenyl(S)	7.63	362896579	70.038	ppb
Surrogate Spike 30.000		Recovery =	233.46%	
4) SA Octacosane(S)	10.00	279638971	72.582	ppb
Surrogate Spike 30.000		Recovery =	241.94%	
Target Compounds				
1) HATM Diesel (C10-C24)	6.54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

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

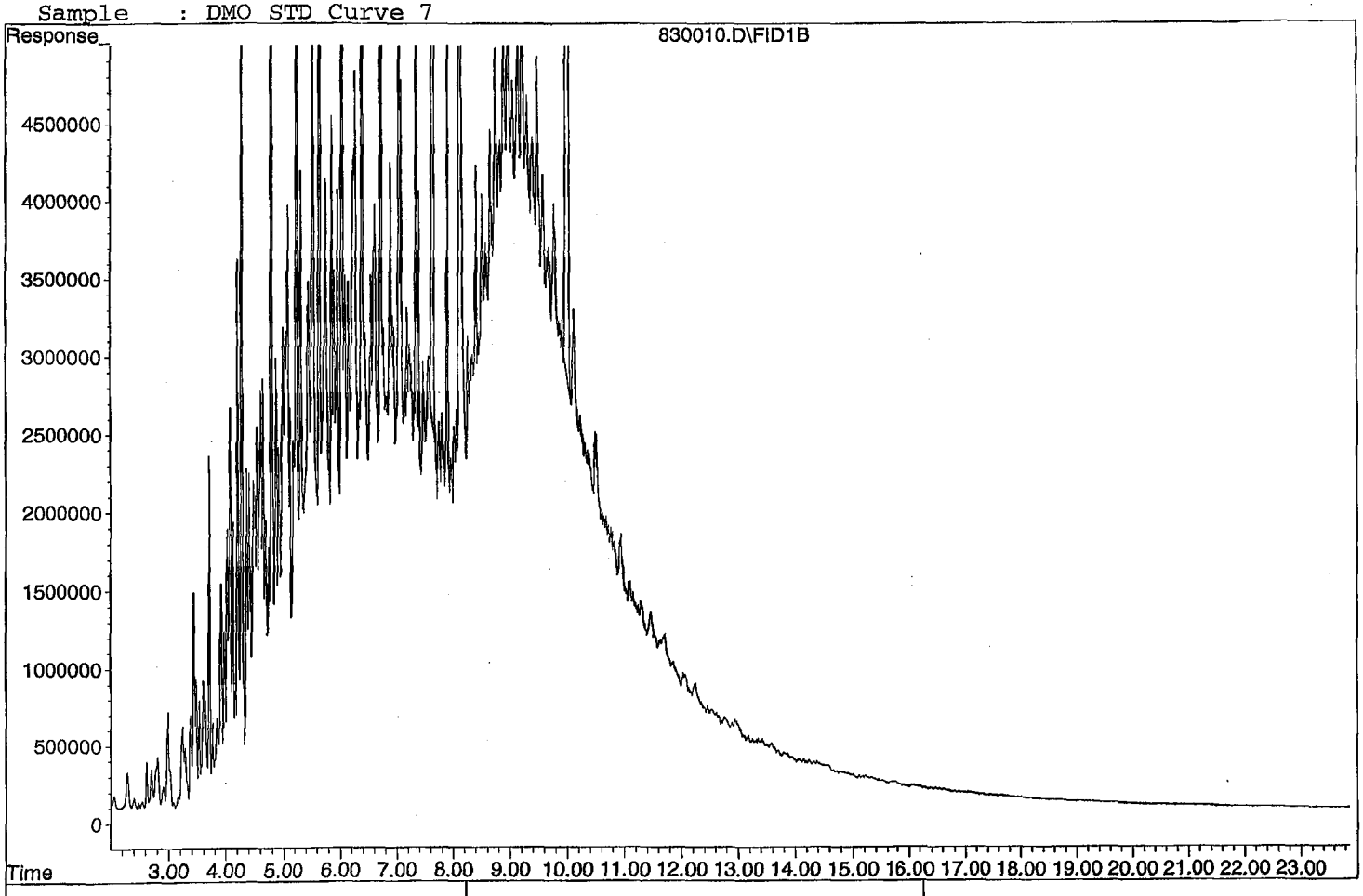
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

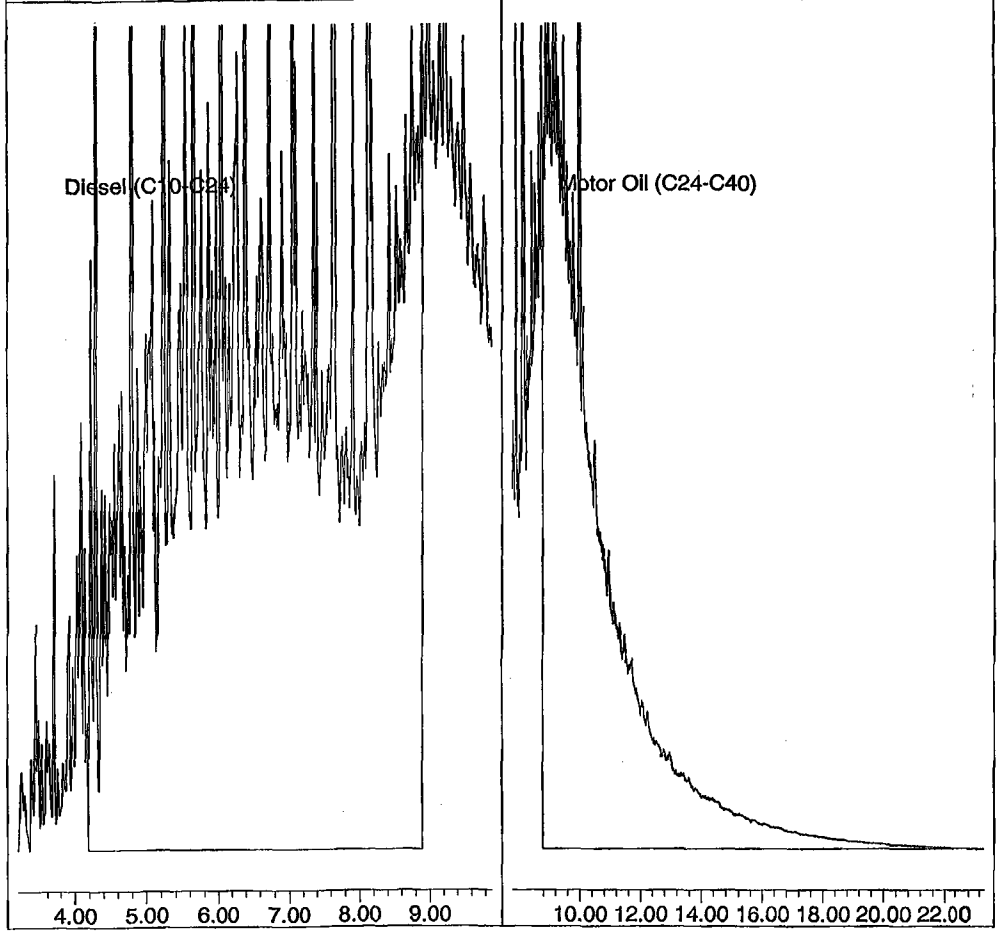
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.64	513272150	99.060 ppb
Surrogate Spike 30.000		Recovery =	330.20%
4) SA Octacosane(S)	10.00	385350648	100.020 ppb
Surrogate Spike 30.000		Recovery =	333.40%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	8322428096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

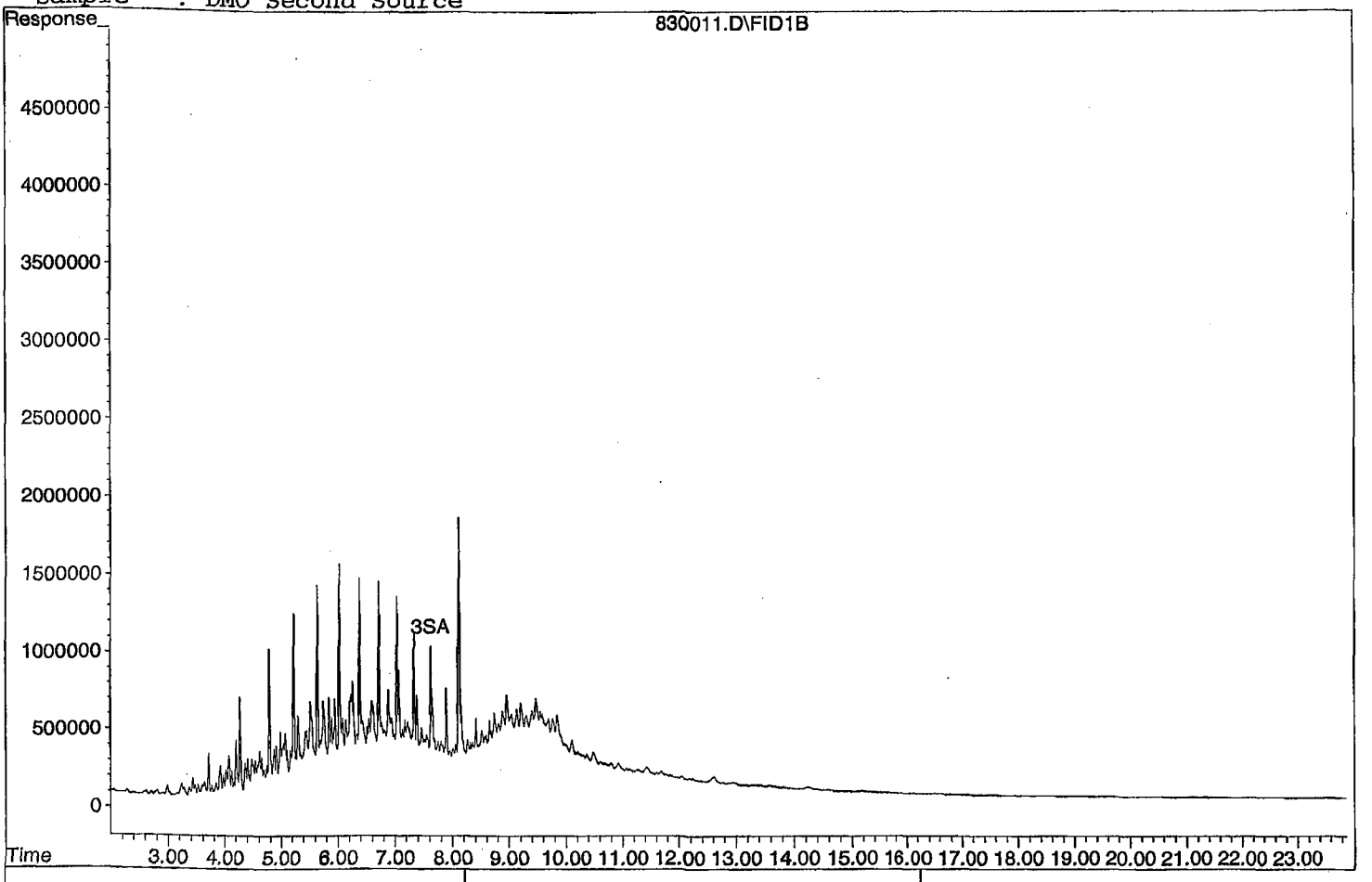
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

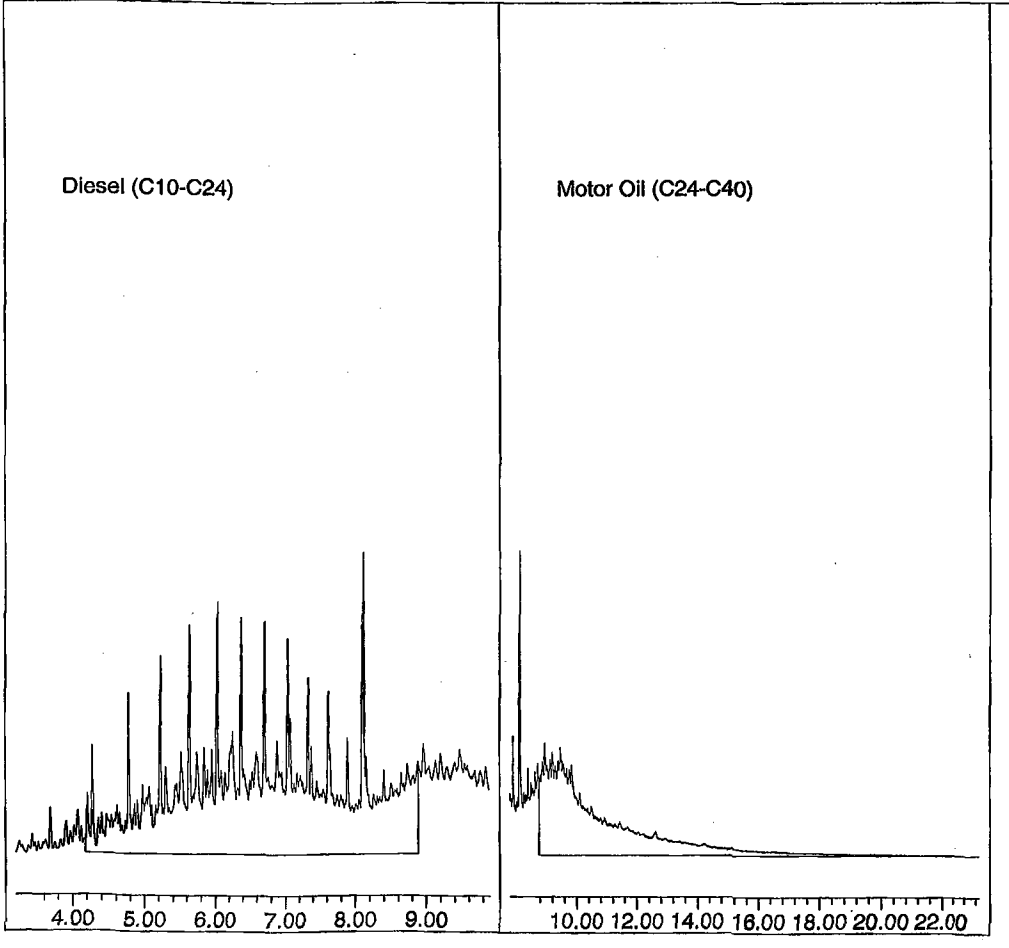
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.62	4475122	0.864 ppb
Surrogate Spike 30.000		Recovery =	2.88%
4) SA Octacosane(S)	9.98	-56148	N.D. ppb
Surrogate Spike 30.000		Recovery =	0.00%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	1110816428	275.009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

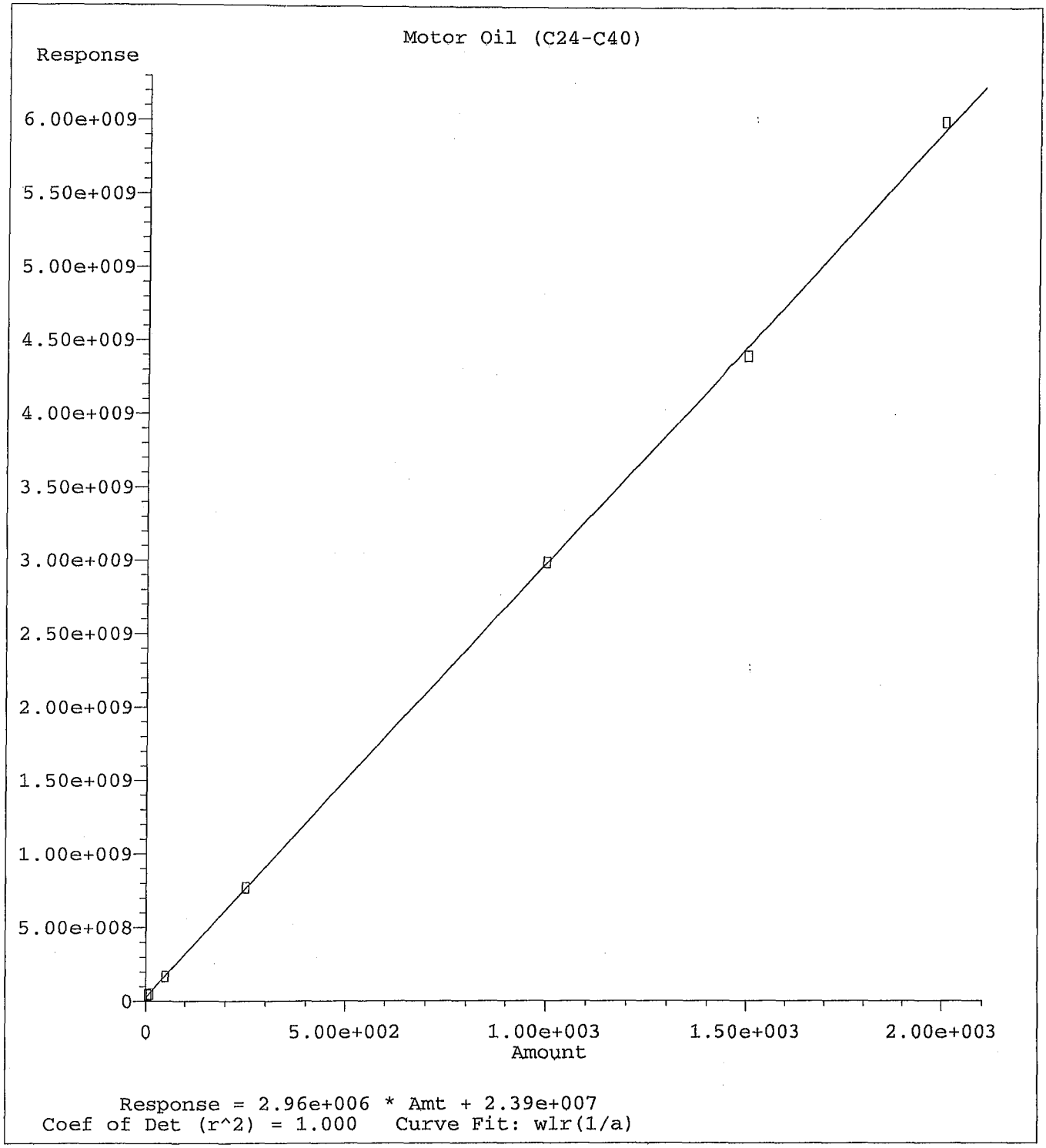
Target Compounds

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

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: 10/27/2021
Instrument: Apollo
Initial Cal. Date: 8/30/2021
Data File: 1027017.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2019600	2396530	19	HATM	
2	HBTM	Motor Oil (C24-C40)	2035830	1802060	11	HBTML	19
3	SA	Ortho-Terphenyl(S)	2590720	3065810	18	SA	
4	SA	Octacosane(S)	1926380	2256520	17	SA	
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		Average			16.3		

Quantitation Report (Not Reviewed)

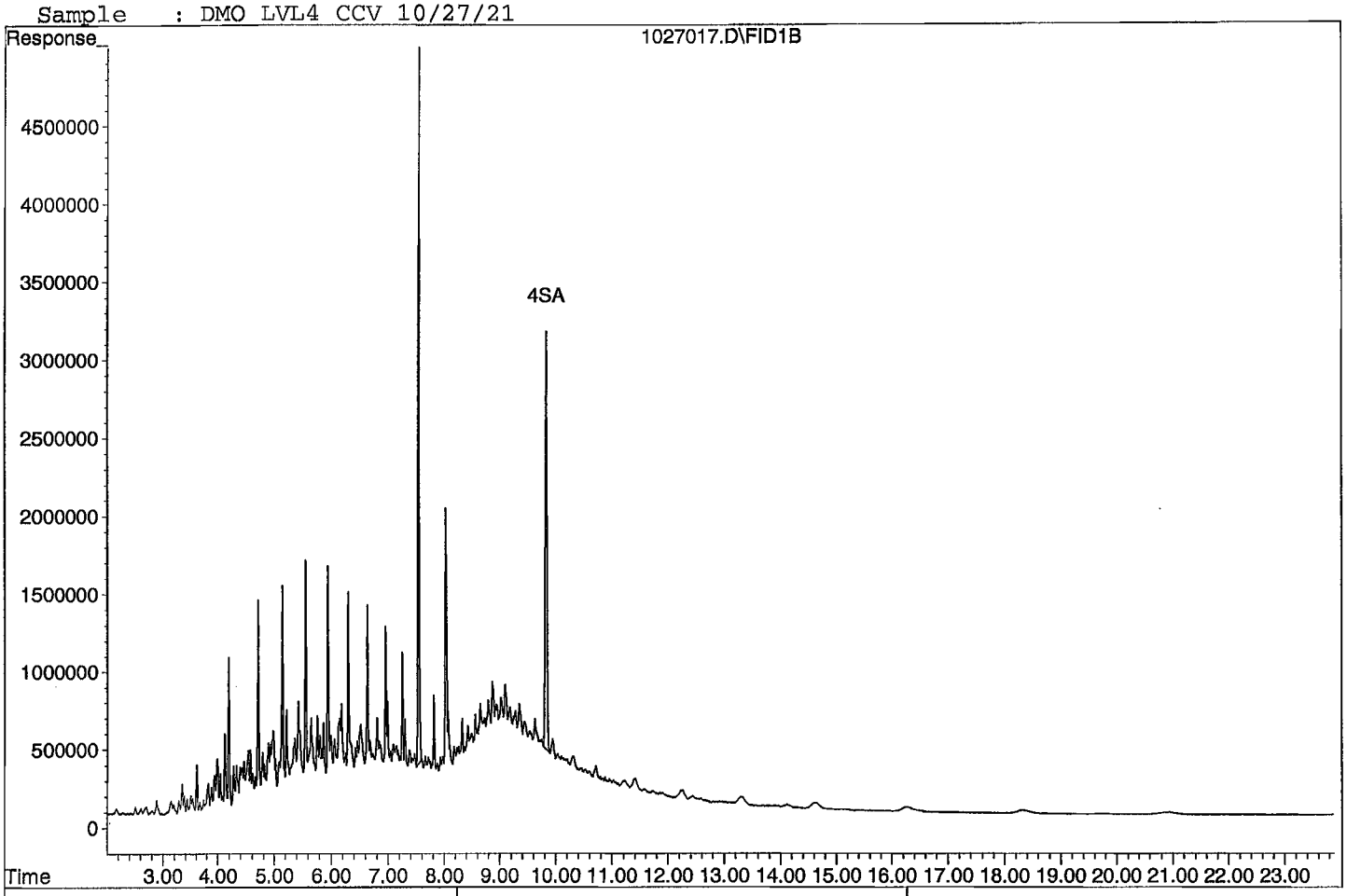
Data File : G:\APOLLO\DATA\211027\1027017.D Vial: 17
Acq On : 10-27-21 21:40:06 Operator: KA
Sample : DMO LVL4 CCV 10/27/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 28 11:28 2021 Quant Results File: DOC0830.RES

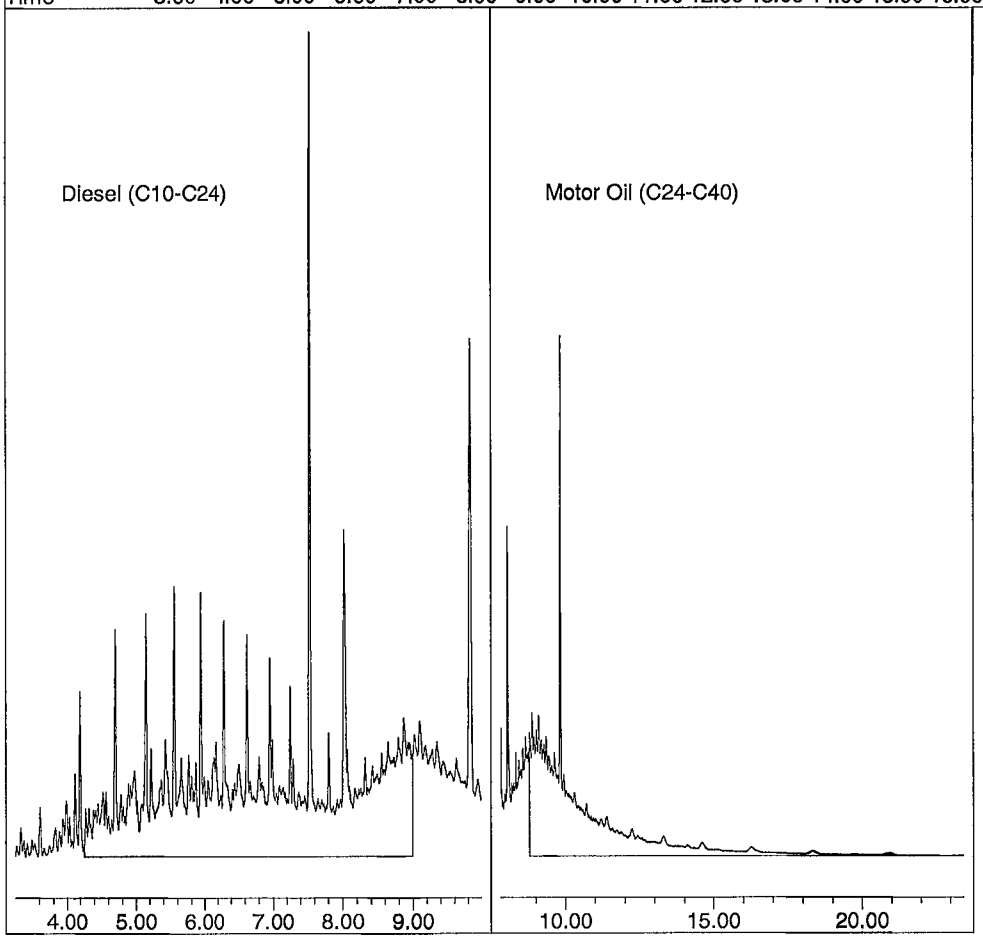
Method : G:\APOLLO\DATA\210911\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 14 18:06:15 2021
Response via : Multiple Level Calibration

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	76645193	14.792 ppb
Surrogate Spike 30.000		Recovery =	49.31%
4) SA Octacosane(S)	9.83	56412882	14.642 ppb
Surrogate Spike 30.000		Recovery =	48.81%
Target Compounds			
1) HATM Diesel (C10-C24)	6.63	1198263307	296.659 ppb
2) HBTM Motor Oil (C24-C40)	15.62	901027545	296.477 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\211027\1027017.D
Sample : DMO LVL4 CCV 10/27/21





TPH Extractables
DOC0831

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 10/28/2021
Instrument: Apollo
Initial Cal. Date: 8/30/2021
Data File: 1027034.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2019600	2546800	26	HATM	*
2	HBTM	Motor Oil (C24-C40)	2035830	1866010	8.3	HBTML 23	*
3	SA	Ortho-Terphenyl(S)	2590720	3318270	28	SA	*
4	SA	Octacosane(S)	1926380	2440720	27	SA	*
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
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23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
		Average			22.3		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211027\1027034.D Vial: 34
Acq On : 10-28-21 5:36:47 Operator: KA
Sample : DMO LVL4 CCV 10/27/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 28 11:29 2021 Quant Results File: DOC0830.RES

Method : G:\APOLLO\DATA\210911\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 14 18:06:15 2021
Response via : Multiple Level Calibration

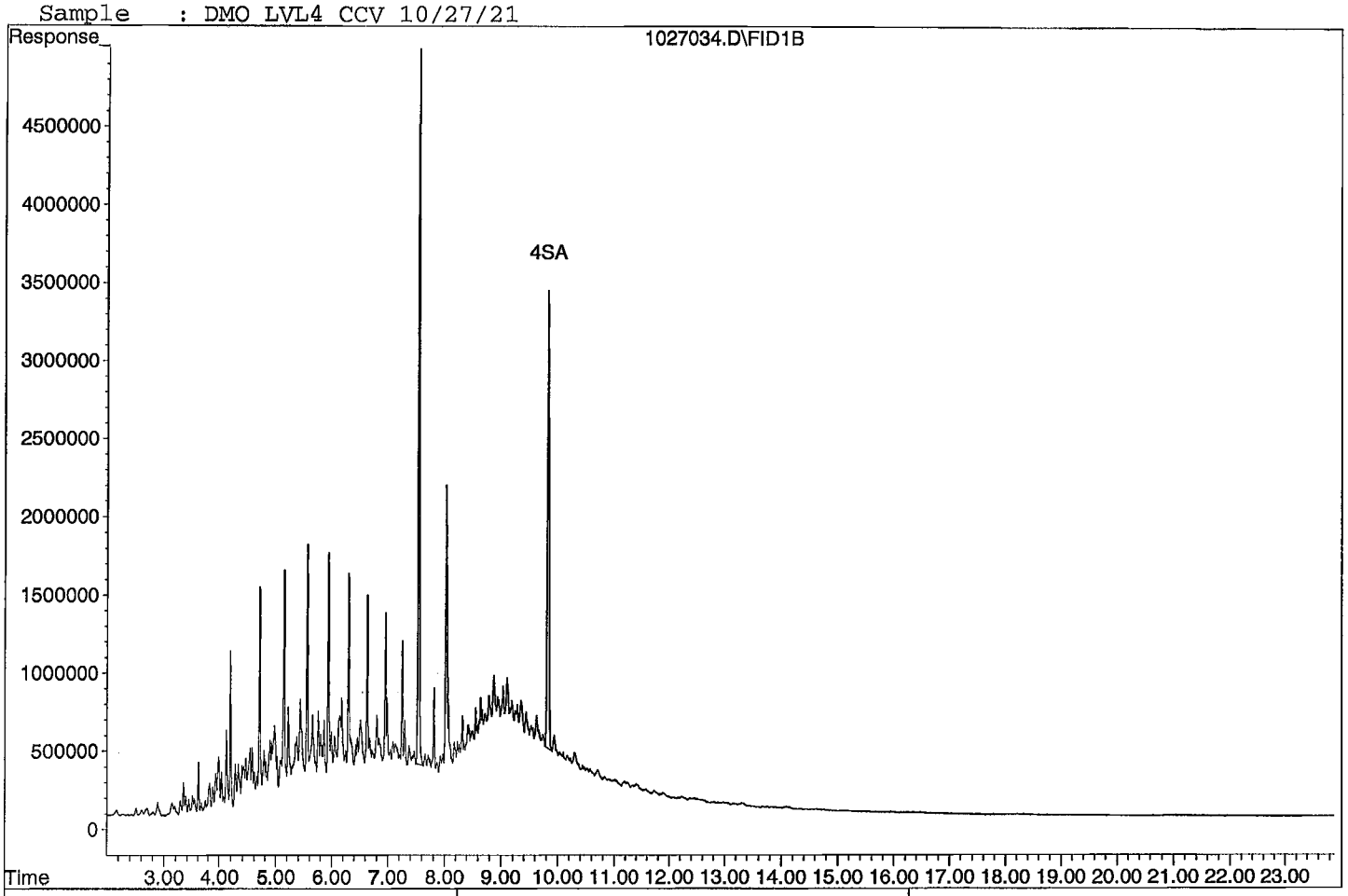
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

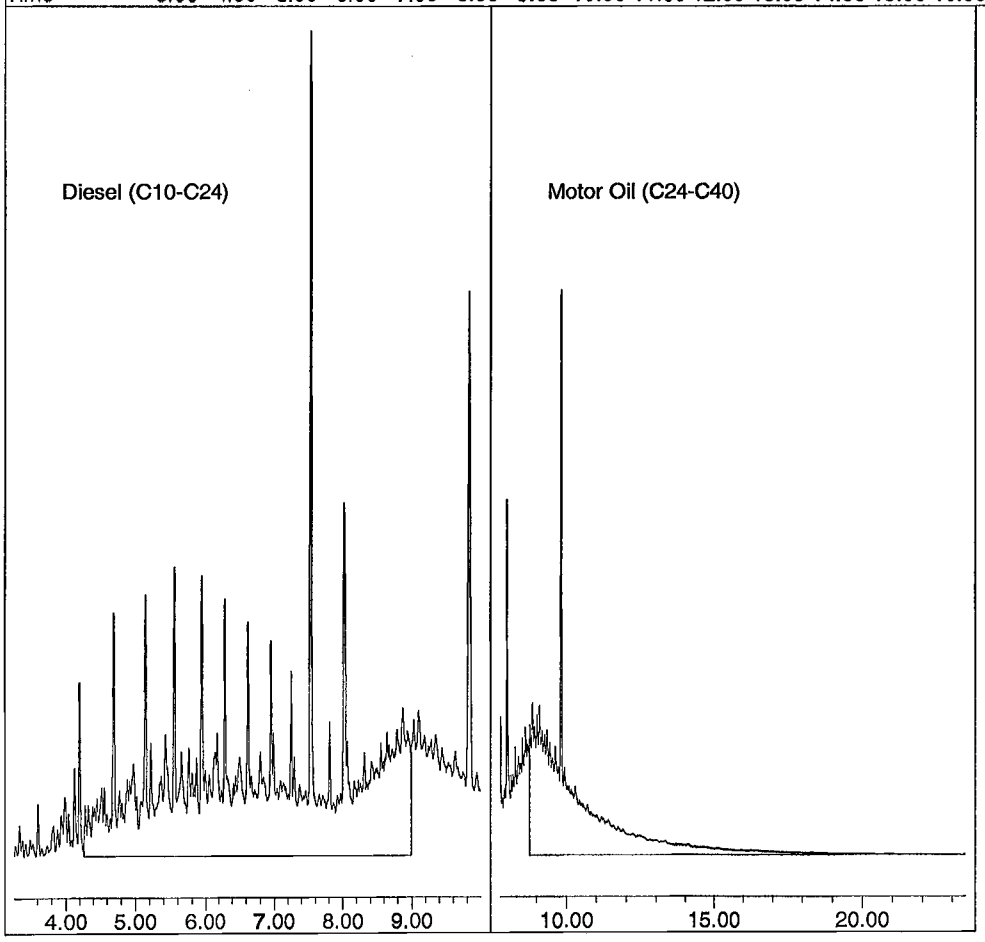
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	82956802	16.010 ppb
Surrogate Spike 30.000	Recovery =		53.37%
4) SA Octacosane(S)	9.82	61017931	15.837 ppb
Surrogate Spike 30.000	Recovery =		52.79%
Target Compounds			
1) HATM Diesel (C10-C24)	6.63	1273400155	315.261 ppb
2) HBTM Motor Oil (C24-C40)	15.62	933002892	307.285 ppb

Target Compounds

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

Data File: G:\APOLLO\DATA\211027\1027034.D
Sample : DMO LVL4 CCV 10/27/21





ORGANICS
Raw Data

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211027\1027031.D Vial: 31
Acq On : 10-28-21 4:12:38 Operator: KA
Sample : BA43834W01 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Oct 28 11:29 2021 Quant Results File: DOC0830.RES

Method : G:\APOLLO\DATA\210911\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 14 18:06:15 2021
Response via : Multiple Level Calibration

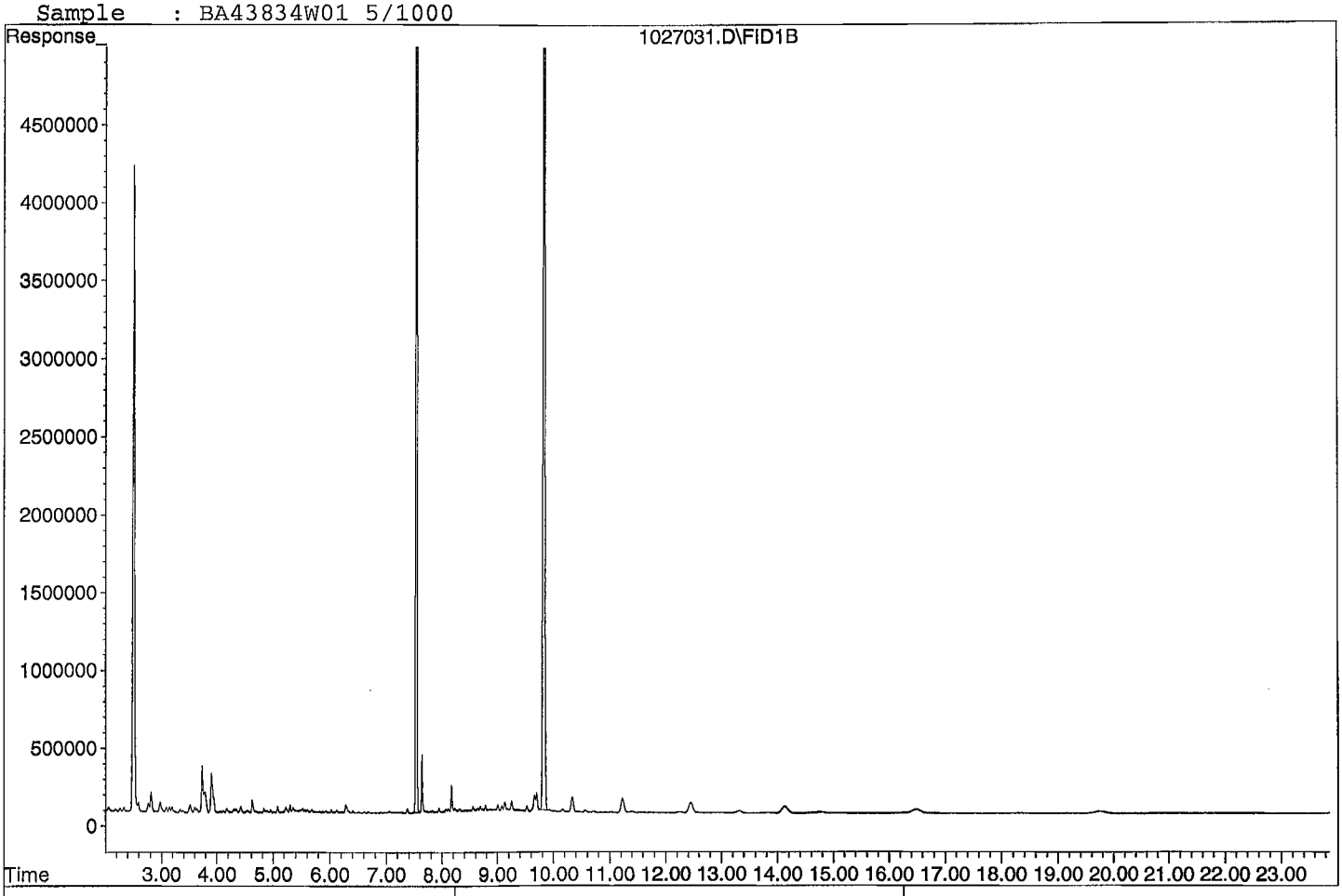
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

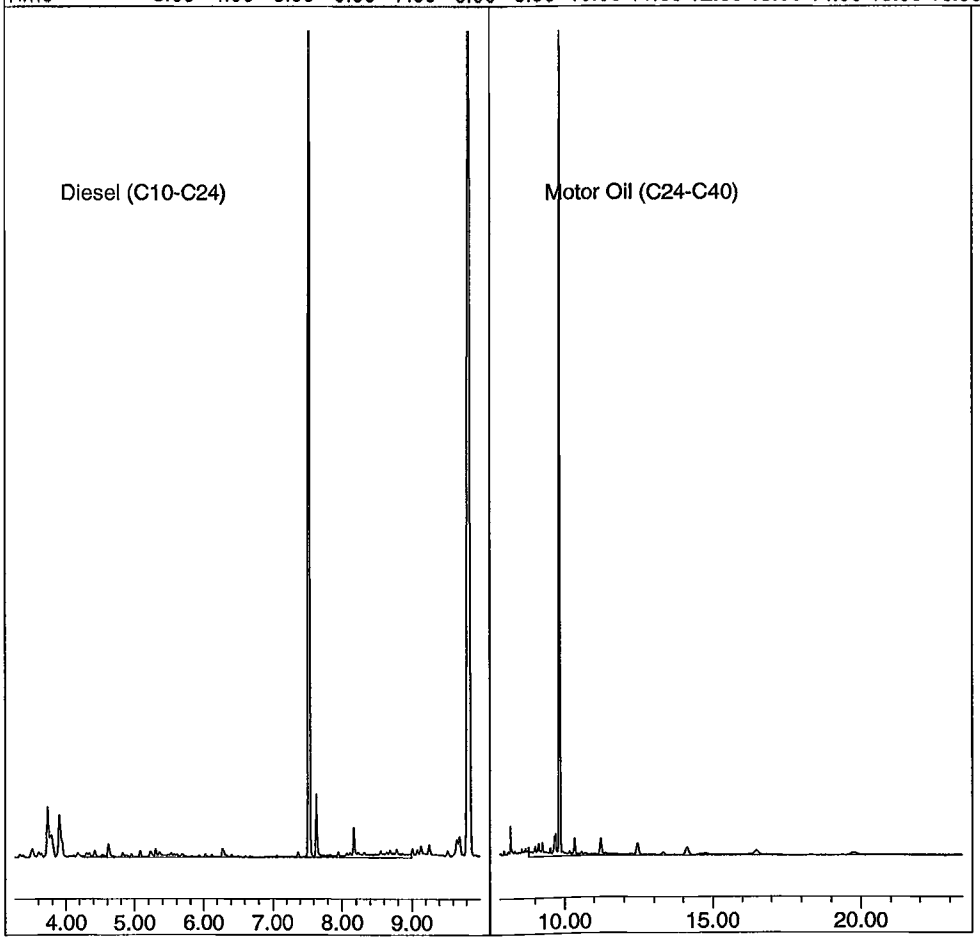
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	159454376	153.871 ppb
Surrogate Spike 150.000		Recovery =	102.58%
4) SA Octacosane(S)	9.83	143154407	185.782 ppb
Surrogate Spike 150.000		Recovery =	123.85%
Target Compounds			
1) HATM Diesel (C10-C24)	6.63	42023718	52.020 ppb
2) HBTM Motor Oil (C24-C40)	15.62	81324850	97.068 ppb

Target Compounds

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

Data File: G:\APOLLO\DATA\211027\1027031.D
Sample : BA43834W01 5/1000





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211027\1027032.D Vial: 32
Acq On : 10-28-21 4:40:40 Operator: KA
Sample : BA43835W01 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Oct 28 11:29 2021 Quant Results File: DOC0830.RES

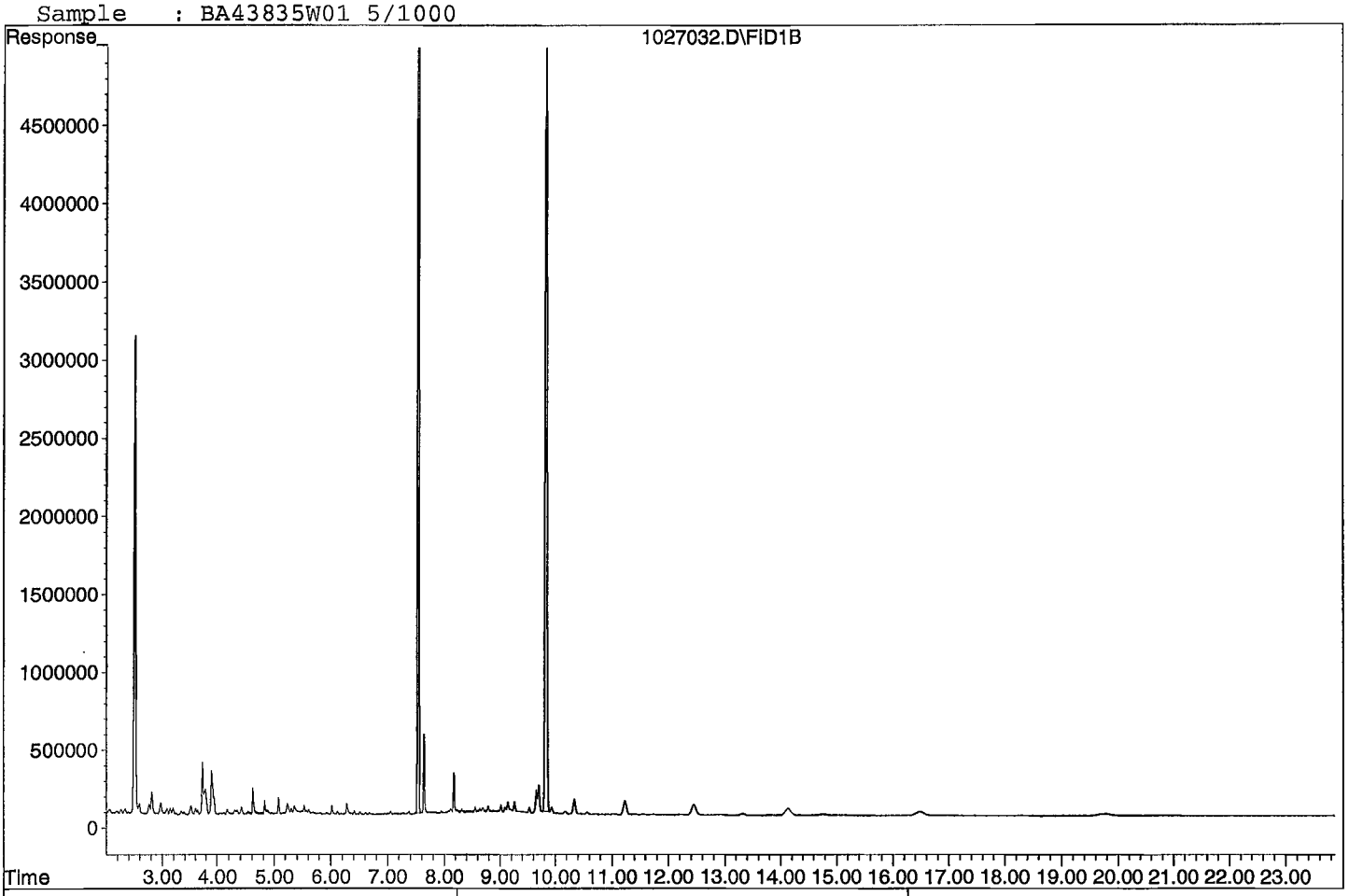
Method : G:\APOLLO\DATA\210911\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 14 18:06:15 2021
Response via : Multiple Level Calibration

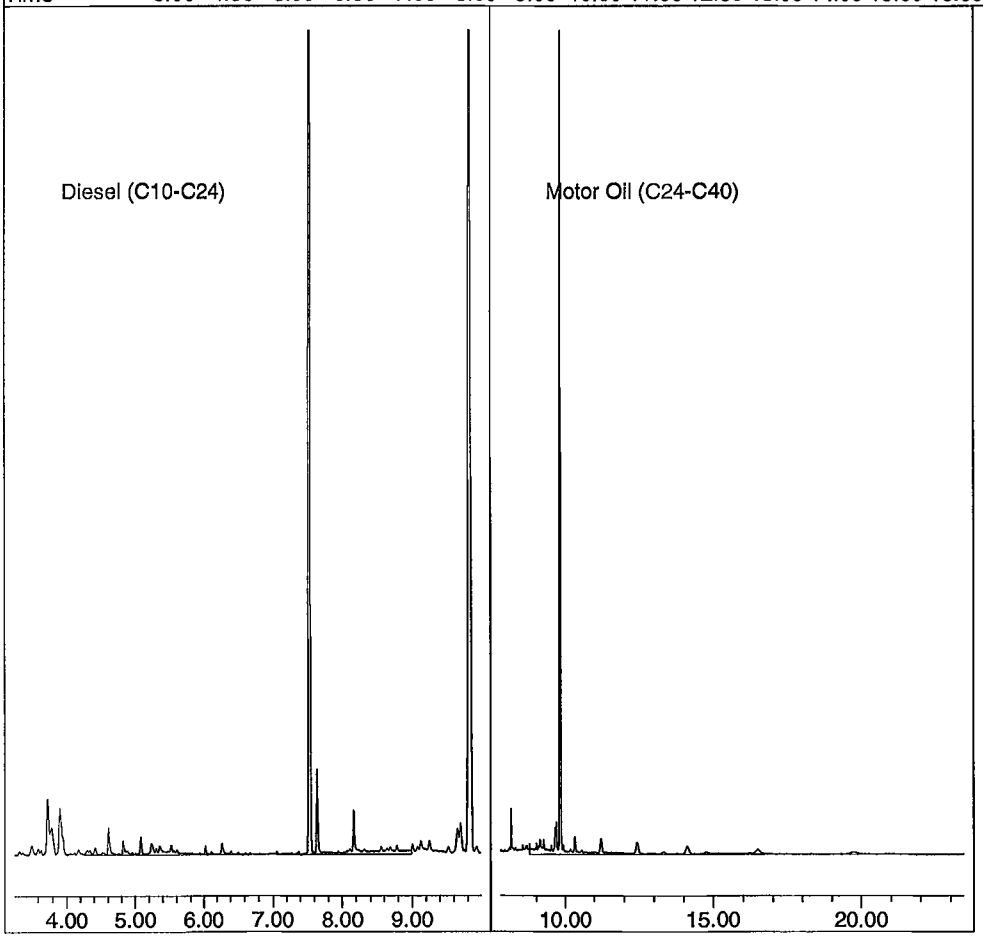
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	152711801	147.364 ppb
Surrogate Spike 150.000		Recovery =	98.24%
4) SA Octacosane(S)	9.83	132110732	171.450 ppb
Surrogate Spike 150.000		Recovery =	114.30%
Target Compounds			
1) HATM Diesel (C10-C24)	6.63	53090507	65.719 ppb
2) HBTM Motor Oil (C24-C40)	15.62	95897835	121.697 ppb
Target Compounds			

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

Data File: G:\APOLLO\DATA\211027\1027032.D
Sample : BA43835W01 5/1000





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211027\1027028.D Vial: 28
Acq On : 10-28-21 2:48:32 Operator: KA
Sample : 211021A BLK 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Oct 28 11:28 2021 Quant Results File: DOC0830.RES

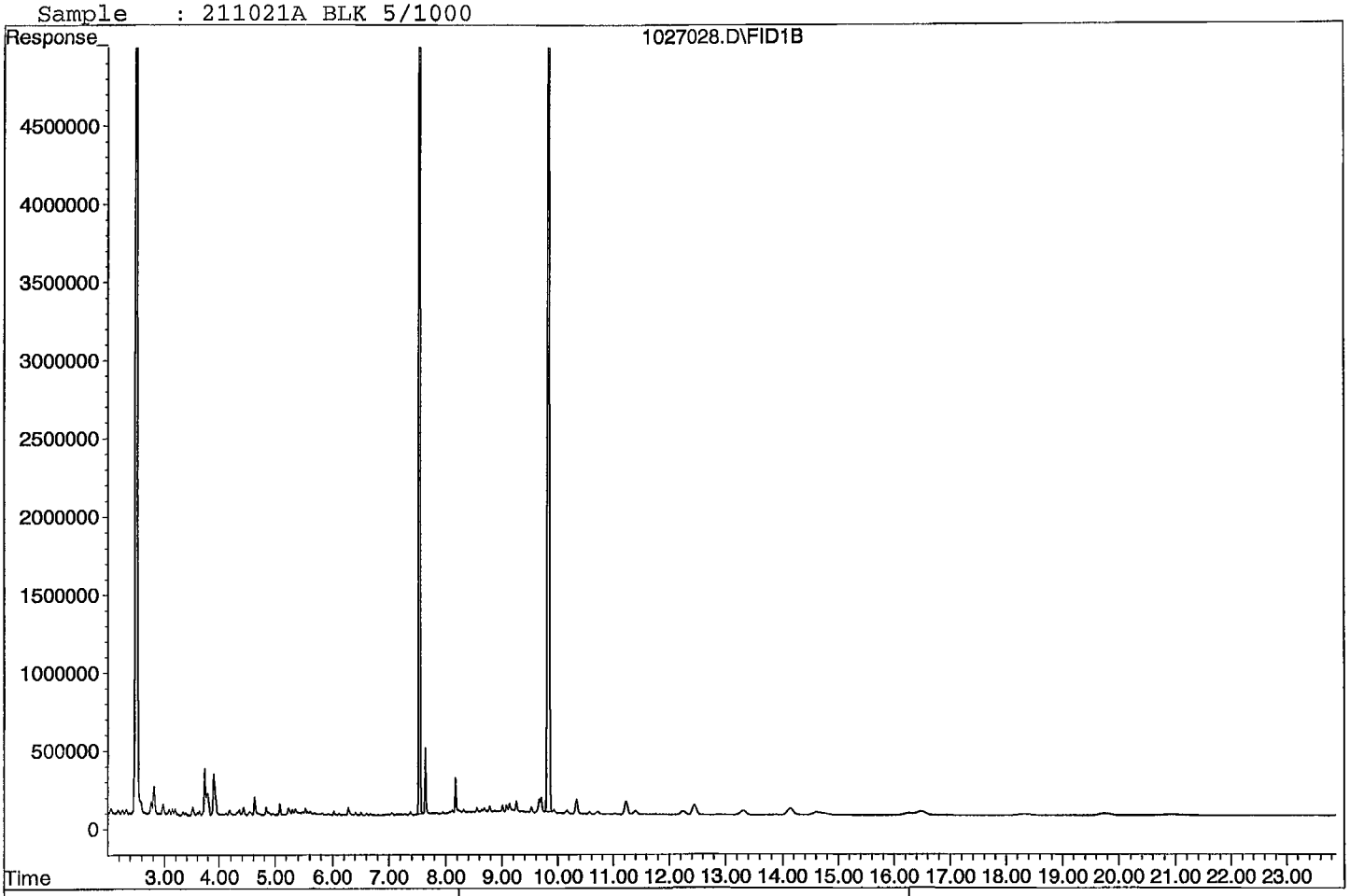
Method : G:\APOLLO\DATA\210911\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 14 18:06:15 2021
Response via : Multiple Level Calibration

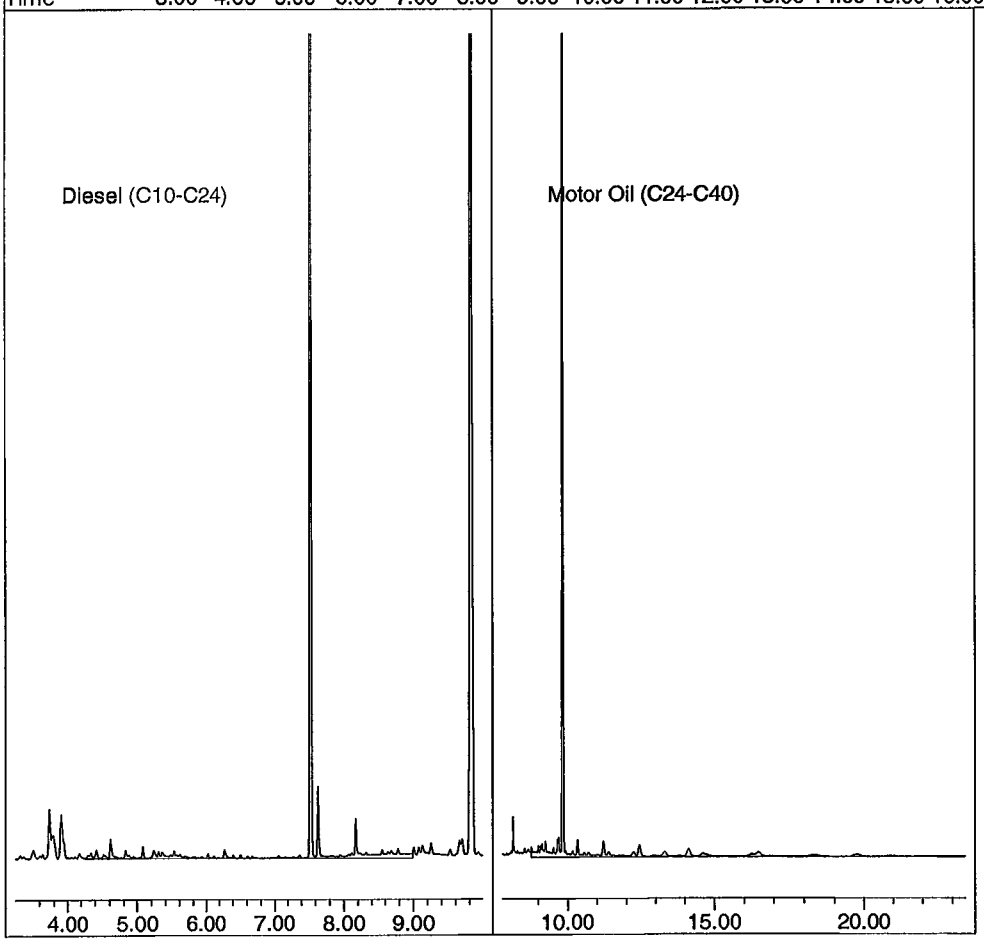
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	165375400	159.585 ppb
Surrogate Spike 150.000		Recovery =	106.39%
4) SA Octacosane(S)	9.83	149261082	193.707 ppb
Surrogate Spike 150.000		Recovery =	129.14%
Target Compounds			
1) HATM Diesel (C10-C24)	6.63	48846003	60.465 ppb
2) HBTM Motor Oil (C24-C40)	15.62	99027700	126.986 ppb
Target Compounds			

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

Data File: G:\APOLLO\DATA\211027\1027028.D
Sample : 211021A BLK 5/1000





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211027\1027029.D Vial: 29
Acq On : 10-28-21 3:16:34 Operator: KA
Sample : 211021A LCS-1 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Oct 28 11:28 2021 Quant Results File: DOC0830.RES

Method : G:\APOLLO\DATA\210911\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 14 18:06:15 2021
Response via : Multiple Level Calibration

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

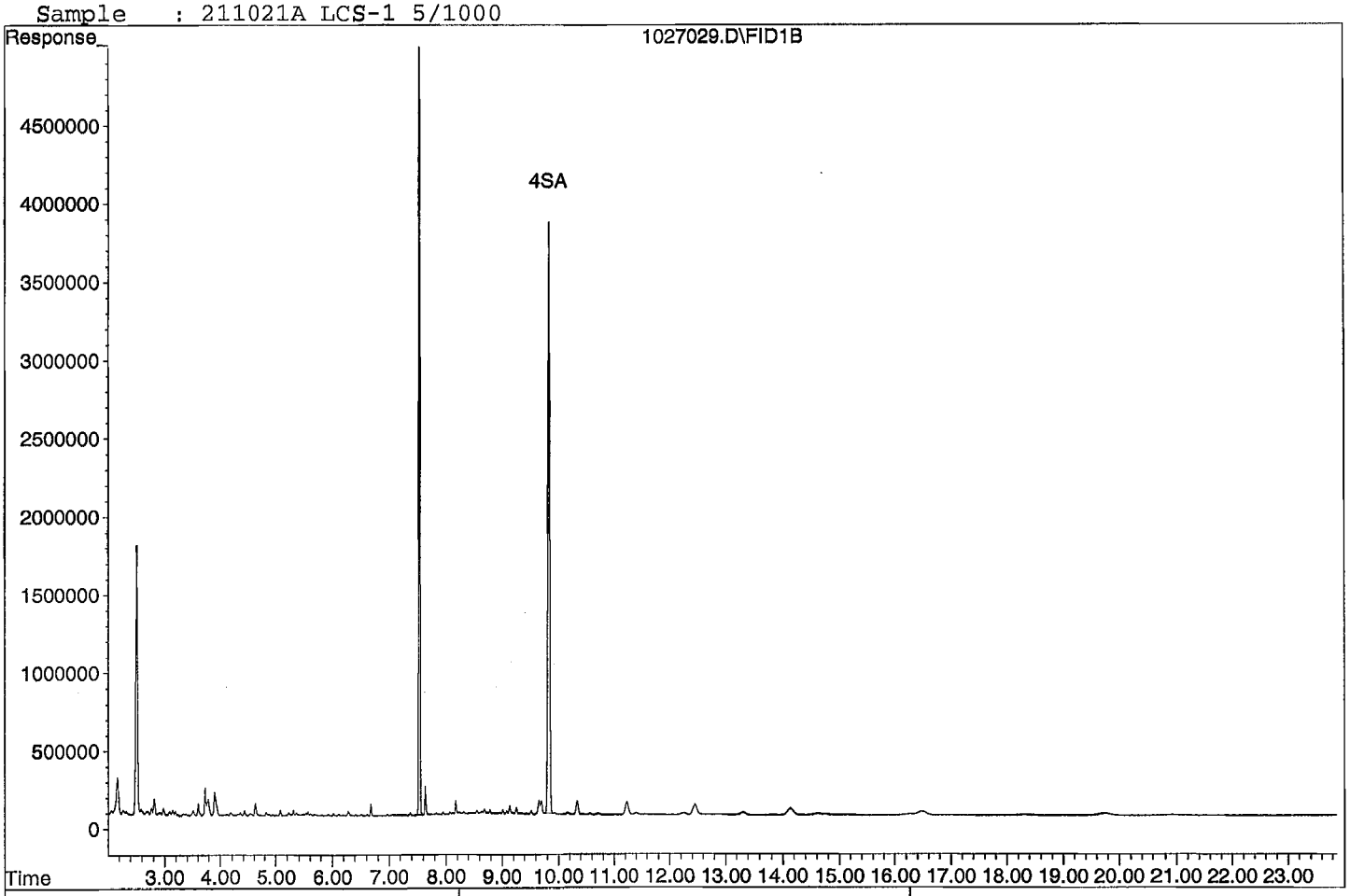
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	87179634	84.127 ppb
Surrogate Spike 150.000		Recovery =	56.08%
4) SA Octacosane(S)	9.82	77979476	101.200 ppb
Surrogate Spike 150.000		Recovery =	67.47%
Target Compounds			
1) HATM Diesel (C10-C24)	6.63	30490325	37.743 ppb
2) HBTM Motor Oil (C24-C40)	15.62	71453955	80.386 ppb
Target Compounds			

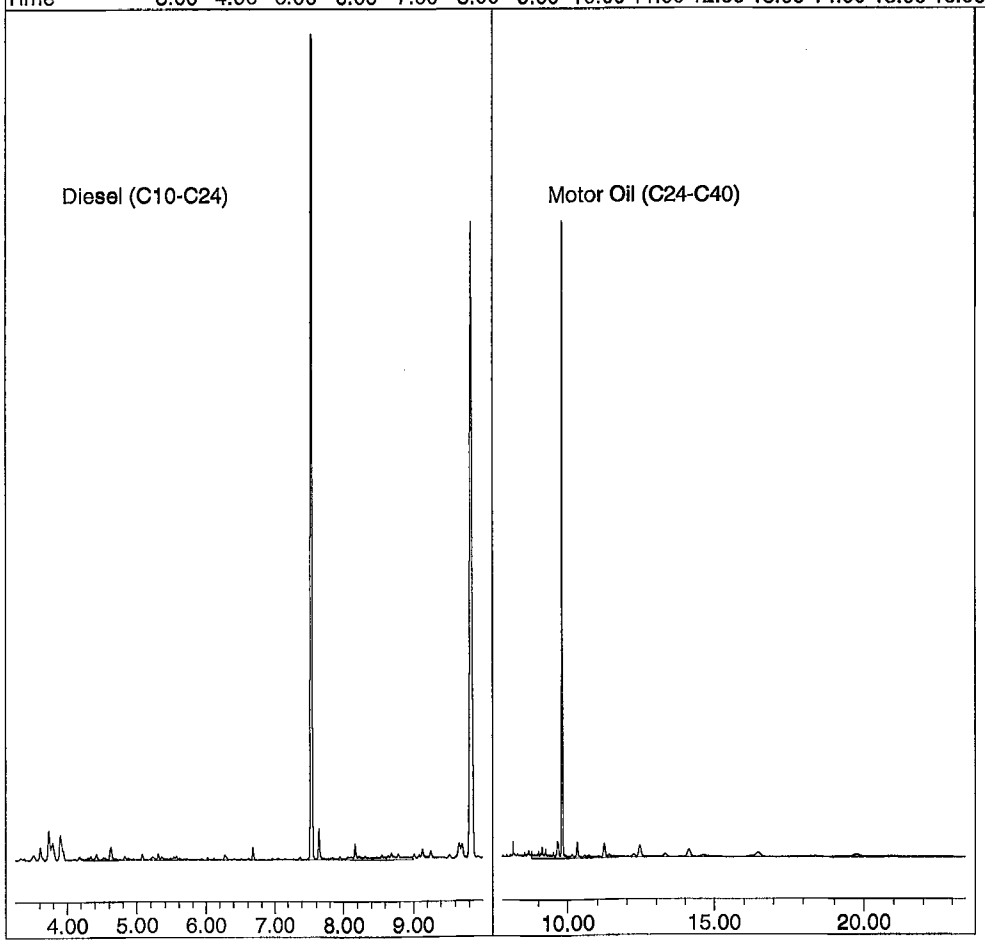
Diesel:

$$\frac{(30490325)(5)}{(2019597)(2)} = \frac{152451625}{4039194} = \boxed{37.743}$$

(f)=RT Delta > 1/2 Window
1027029.D DOC0830.M Thu Oct 28 11:28 2021 (m)=manual int.

Data File: G:\APOLLO\DATA\211027\1027029.D
Sample : 211021A LCS-1 5/1000





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211027\1027030.D Vial: 30
Acq On : 10-28-21 3:44:37 Operator: KA
Sample : 211021A LCSD-1 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Oct 28 11:29 2021 Quant Results File: DOC0830.RES

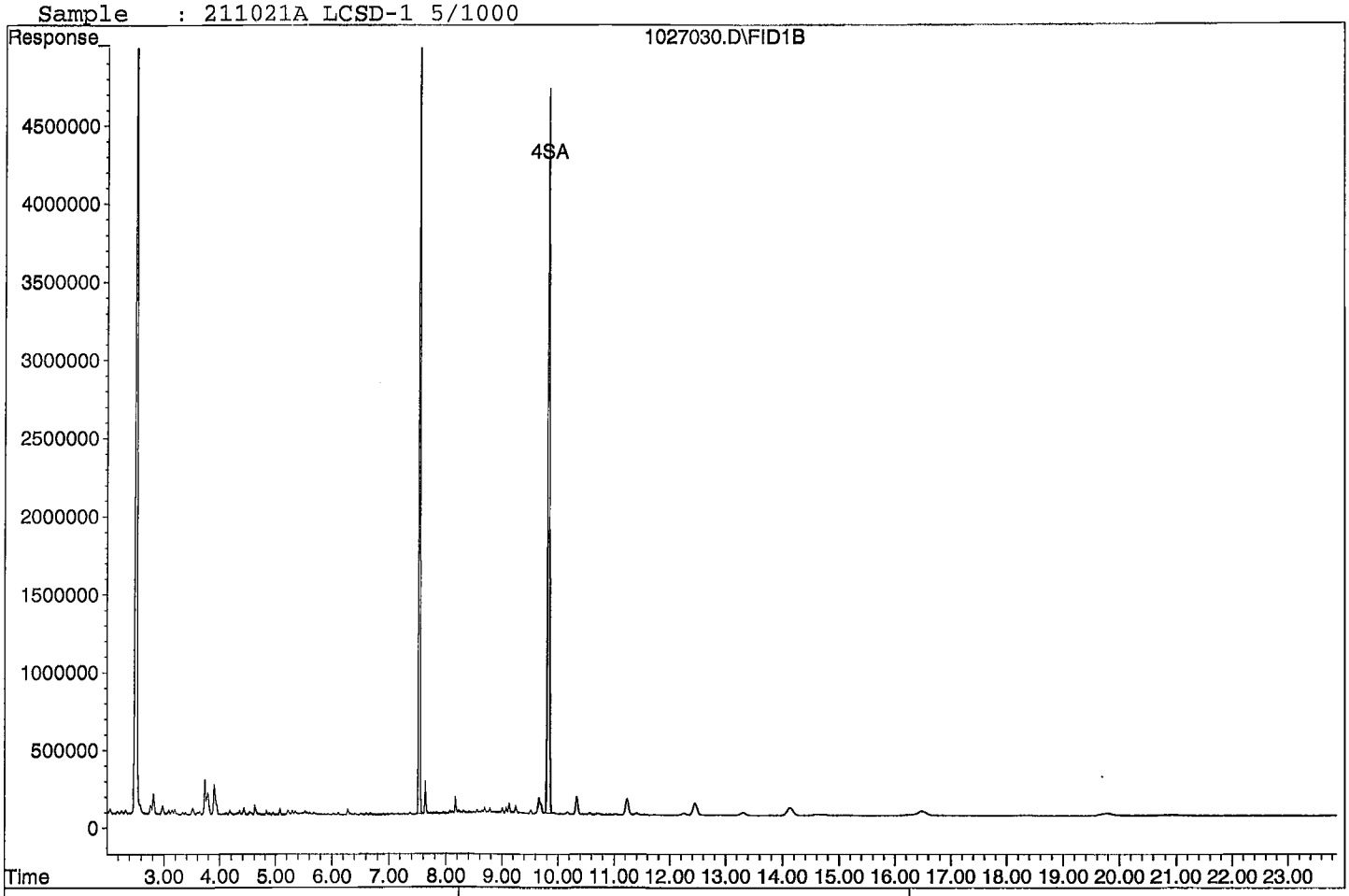
Method : G:\APOLLO\DATA\210911\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 14 18:06:15 2021
Response via : Multiple Level Calibration

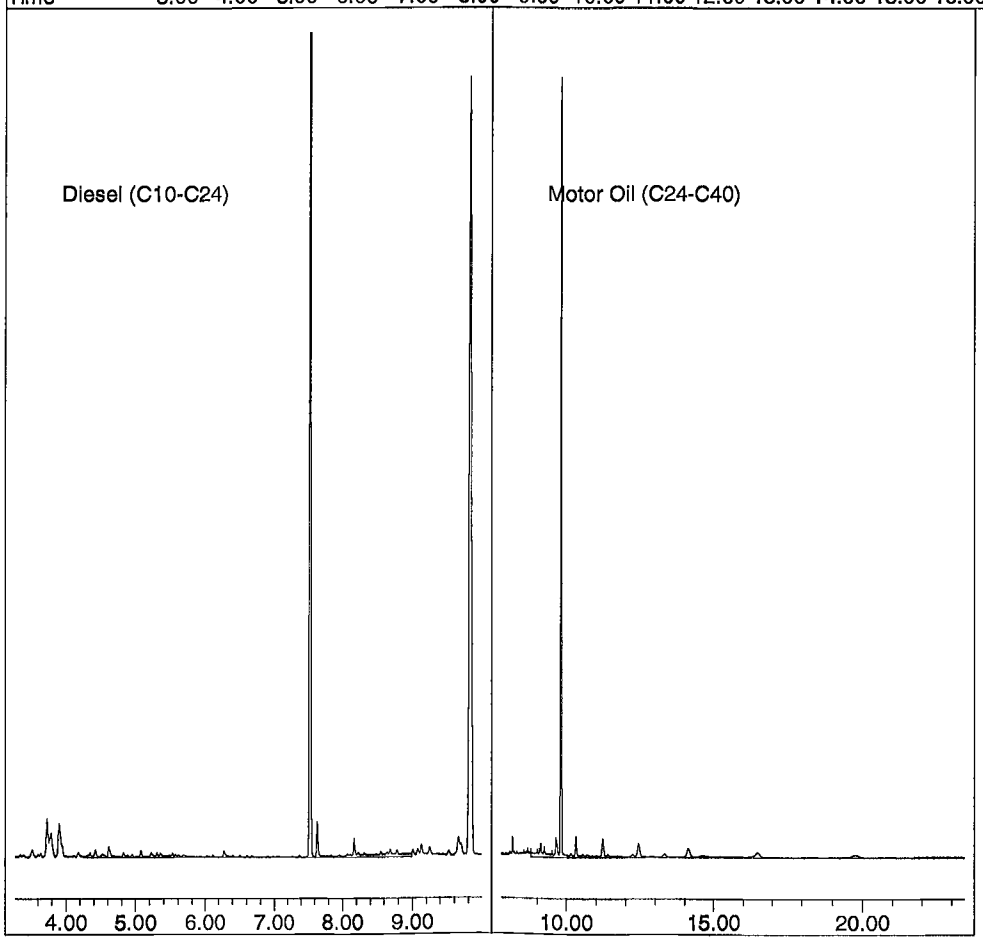
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	113290391	109.323 ppb
Surrogate Spike 150.000		Recovery =	72.88%
4) SA Octacosane(S)	9.83	101489169	131.710 ppb
Surrogate Spike 150.000		Recovery =	87.81%
Target Compounds			
1) HATM Diesel (C10-C24)	6.63	32492822	40.222 ppb
2) HBTM Motor Oil (C24-C40)	15.62	76231825	88.461 ppb
Target Compounds			

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

Data File: G:\APOLLO\DATA\211027\1027030.D
Sample : 211021A LCSD-1 5/1000





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 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: 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

THC Surrogate

Prepared: 10/21/2021 **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	**CL16893-52842**	**See ma. Date**	**5/31/2026**	N/A	N/A	N/A	600

_LIQ005

Organic Extraction Worksheet

Method	Continuous Liq/Liq TPH-Diesel/MO 3520C	Extraction Set	211021A	Extraction Method	LIQ005	Units	mL

Spiked ID 1			Surrogate ID 1	THC Surrogate 10-6-21 10-6-22	
Spiked ID 2			Surrogate ID 2	THC Surrogate 10-21-21 10-21-22	
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:	10/21/21 18:00	
Spiked ID 8			Ext. End Time:	10/22/21 12:00	
			GC Requires Extract By:		

pH1	2	10/21/21 16:25	Water Bath Temp 1 °C	41/40.1 °C
pH2			Water Bath Temp 2 °C	35/36.1
pH3			Water Bath Temp 3 °C	37/36.5 °C

Spiked By: SR **Date** 10/21/2021 **Witnessed By:** AGM **Date** 10/21/2021

	Sample	Sample Container	Spike Amount	Spike ID	Surrogate Amount	Surrogate ID	Extract Amount	Final Volume	pH	Extract Date/Time	Comments
1	211021A Blk				0.250	1	1000	5	2	10/21/21 16:26	
						equip	E-HP11 E-WB2				
2	211021A LCS-1				0.250	1	1000	5	2	10/21/21 16:26	
						equip	E-HP12 E-WB3				
3	211021A LCSD-1				0.250	1	1000	5	2	10/21/21 16:26	
						equip	E-HP13 E-WB1				
4	BA43834	BA43834W01			0.250	1	1000	5	2	10/21/21 16:26	97924
						equip	E-HP14 E-WB1				
5	BA43835	BA43835W01			0.250	2	1000	5	2	10/21/21 16:26	97924
						equip	E-HP15 E-WB2				
6	BA43838	BA43838W01			0.250	2	1000	5	2	10/21/21 16:26	97923
						equip	E-HP16 E-WB3				

Solvent and Lot#	
1+1 HCL (5mLs)	60358
PH Strips	HC155968
Dicholormethane	61117
Filter Paper	400196
Sodium Sulfate	2021071206

Extraction COC Transfer	
Extraction lab employee Initials	KY
GC analyst's initials	KA
Date	10/25/21
Time	17:07
Refrigerator	Hobart

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

Modified	10/27/2021 7:27:55 AM

Reviewed By: KY **Date** 10/27/2021

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	17	1027017.D	1	DMO LVL4 CCV 10/27/21	water	10-27-21 21:40:06
10	28	1027028.D	5	211021A BLK 5/1000	water	10-28-21 2:48:32
11	29	1027029.D	5	211021A LCS-1 5/1000	water	10-28-21 3:16:34
12	30	1027030.D	5	211021A LCSD-1 5/1000	water	10-28-21 3:44:37
13	31	1027031.D	5	BA43834W01 5/1000	water	10-28-21 4:12:38
14	32	1027032.D	5	BA43835W01 5/1000	water	10-28-21 4:40:40
~~15~~	~~33~~	~~1027033.D~~	~~5~~	~~BA43836W01 5/1000~~	~~water~~	~~10-28-21 5:08:43~~ DAC
16	34	1027034.D	1	DMO LVL4 CCV 10/27/21	water	10-28-21 5:36:47 12/3/21

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

			1019K002.D	1019K003.D	1019K004.D	1019K005.D	1019K006.D	1019K007.D	1019K008.D	1019K009.D									
		Compound	0.1	0.2	0.5	1	5	10	50	100			Avg	%RSD	Type	r^2	Q	MRF
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 10/13/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 15:48 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

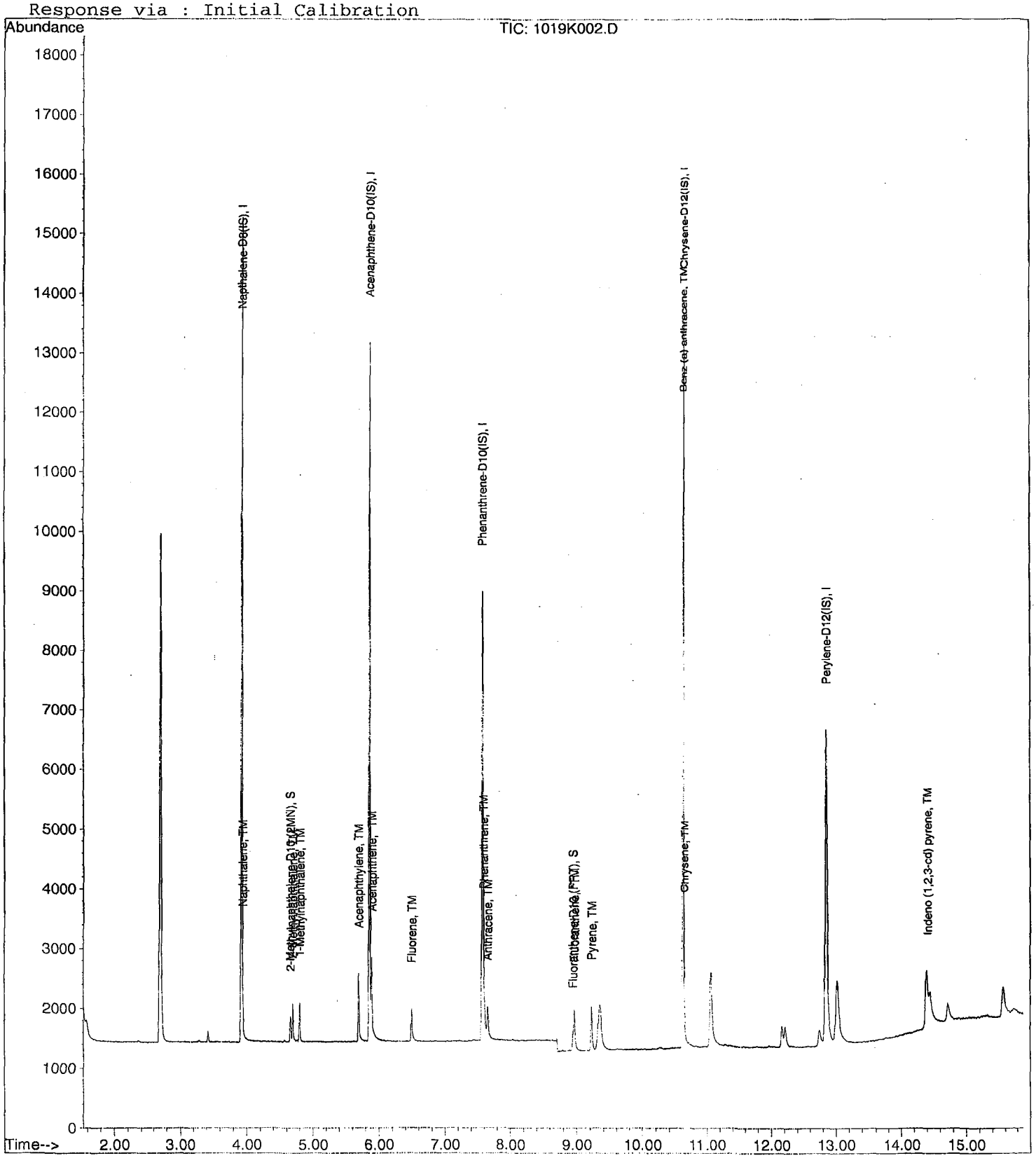
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K002.D Vial: 2
Acq On : 19 Oct 21 14:09 Operator: LS
Sample : 0.1 ug/ml 10/13/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 15:48 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 09 10:14:45 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 10/13/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 15:48 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

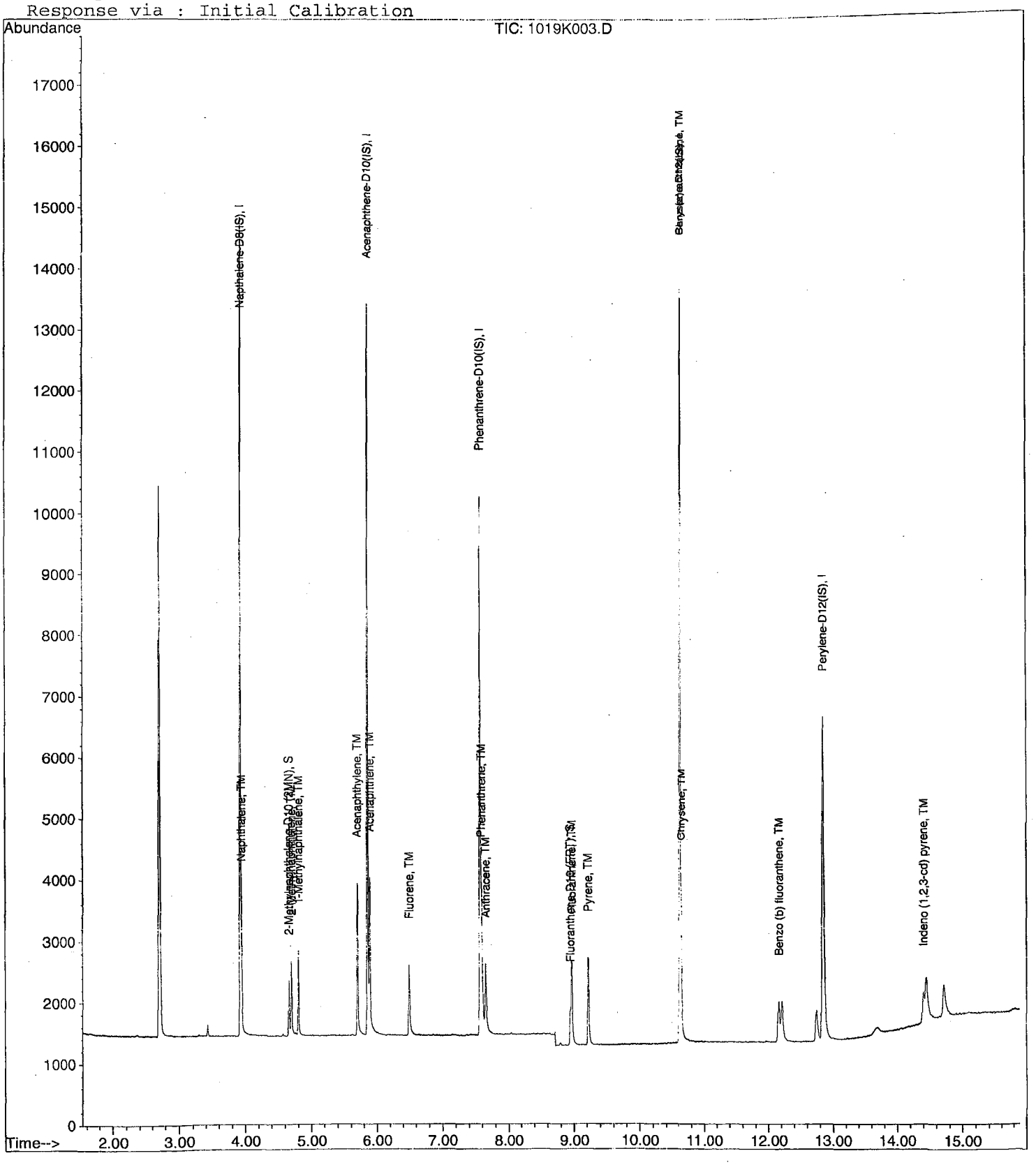
Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K003.D
Acq On : 19 Oct 21 14:29
Sample : 0.2 ug/ml 10/13/21
Misc :

Vial: 3
Operator: LS
Inst : KYLO
Multiplr: 1.00

Quant Time: Oct 19 15:48 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 09 10:14:45 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 10/13/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 15:48 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

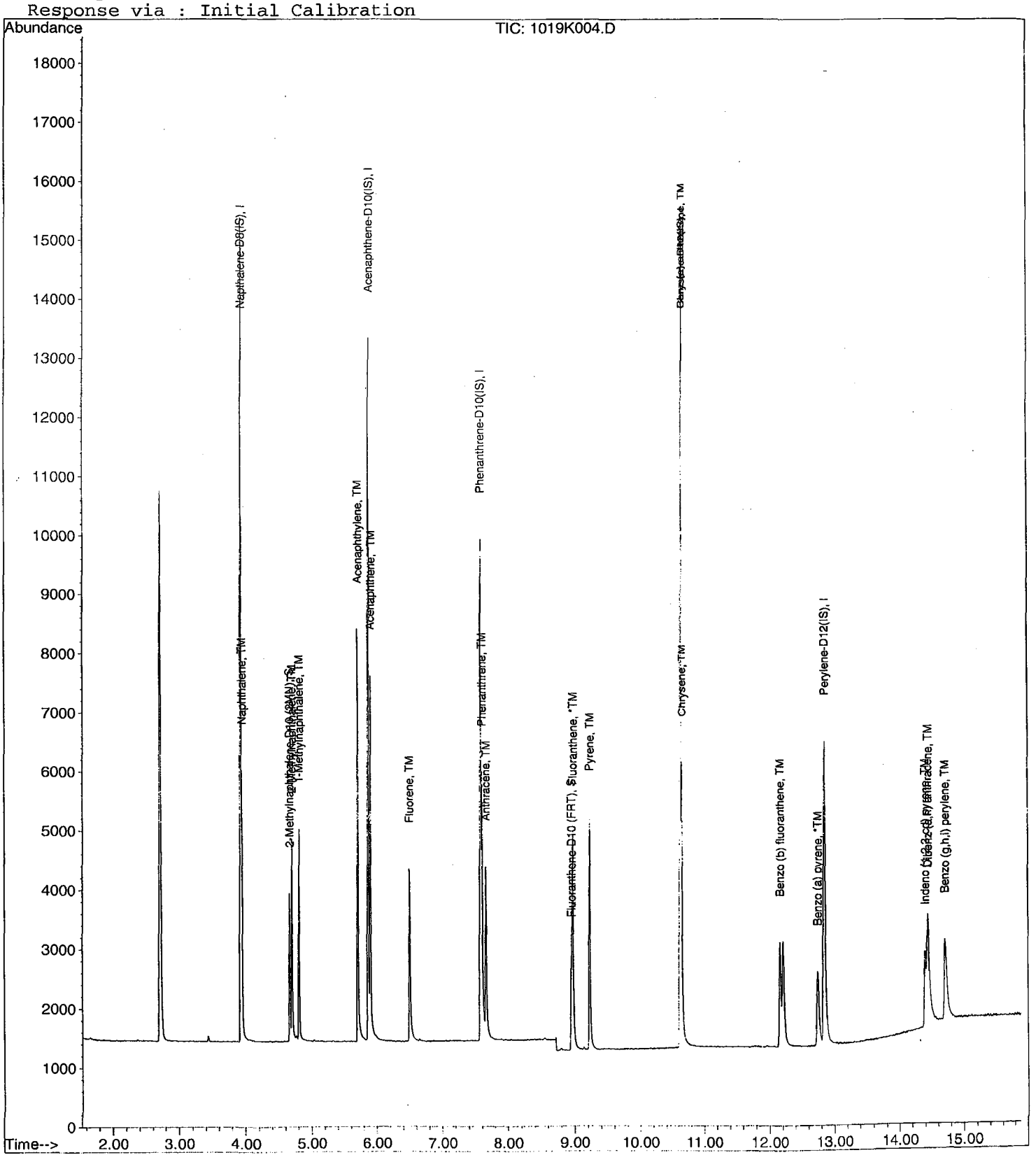
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K004.D Vial: 4
Acq On : 19 Oct 21 14:49 Operator: LS
Sample : 0.5 ug/ml 10/13/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 15:48 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 09 10:14:45 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 10/13/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 15:48 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

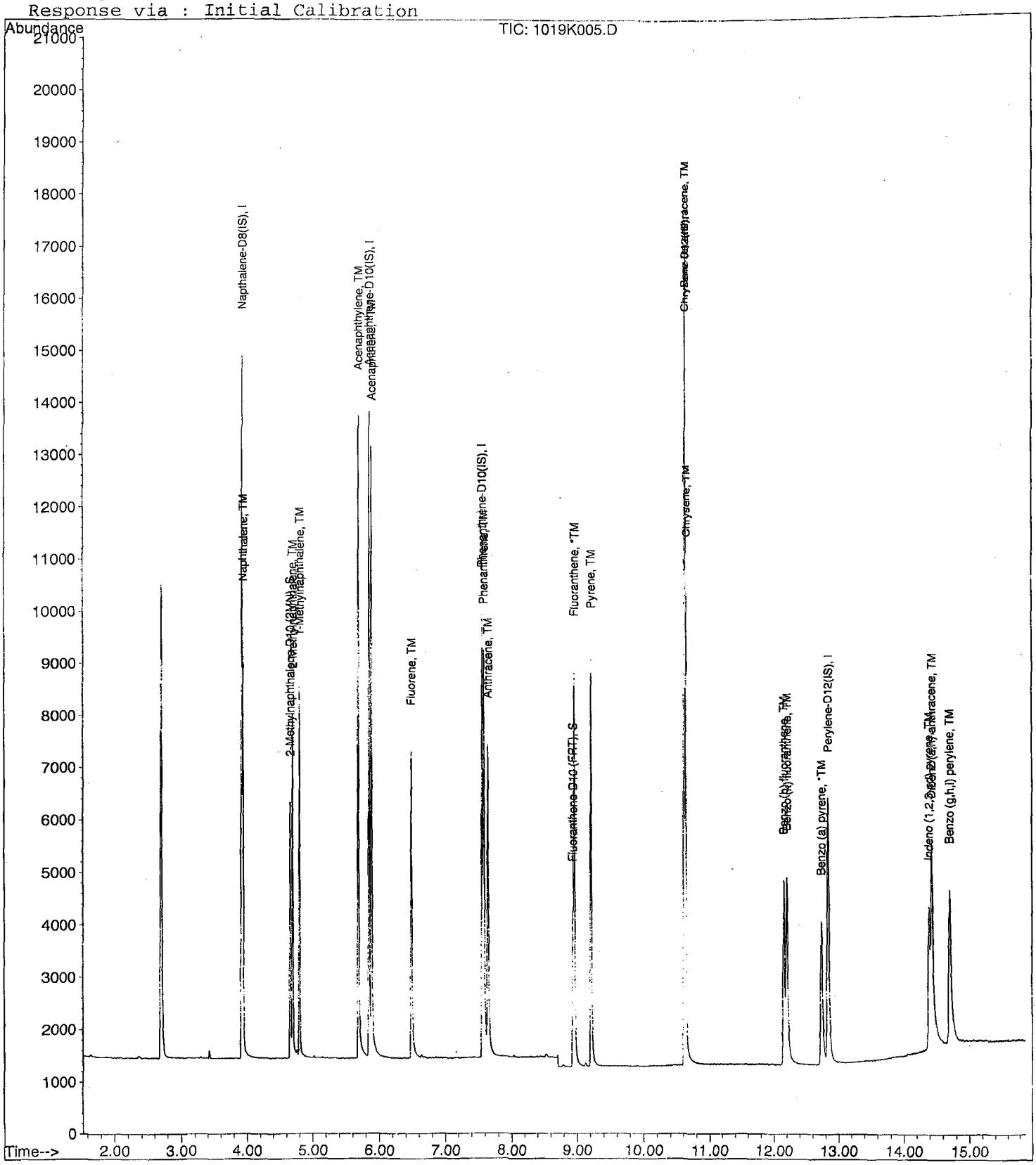
Data File : M:\KYLO\DATA\211019\1019K005.D
Acq On : 19 Oct 21 15:09
Sample : 1 ug/ml 10/13/21
Misc :

Vial: 5
Operator: LS
Inst : KYLO
Multiplr: 1.00

Quant Time: Oct 19 15:48 2021

Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 09 10:14:45 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 10/13/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 15:48 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

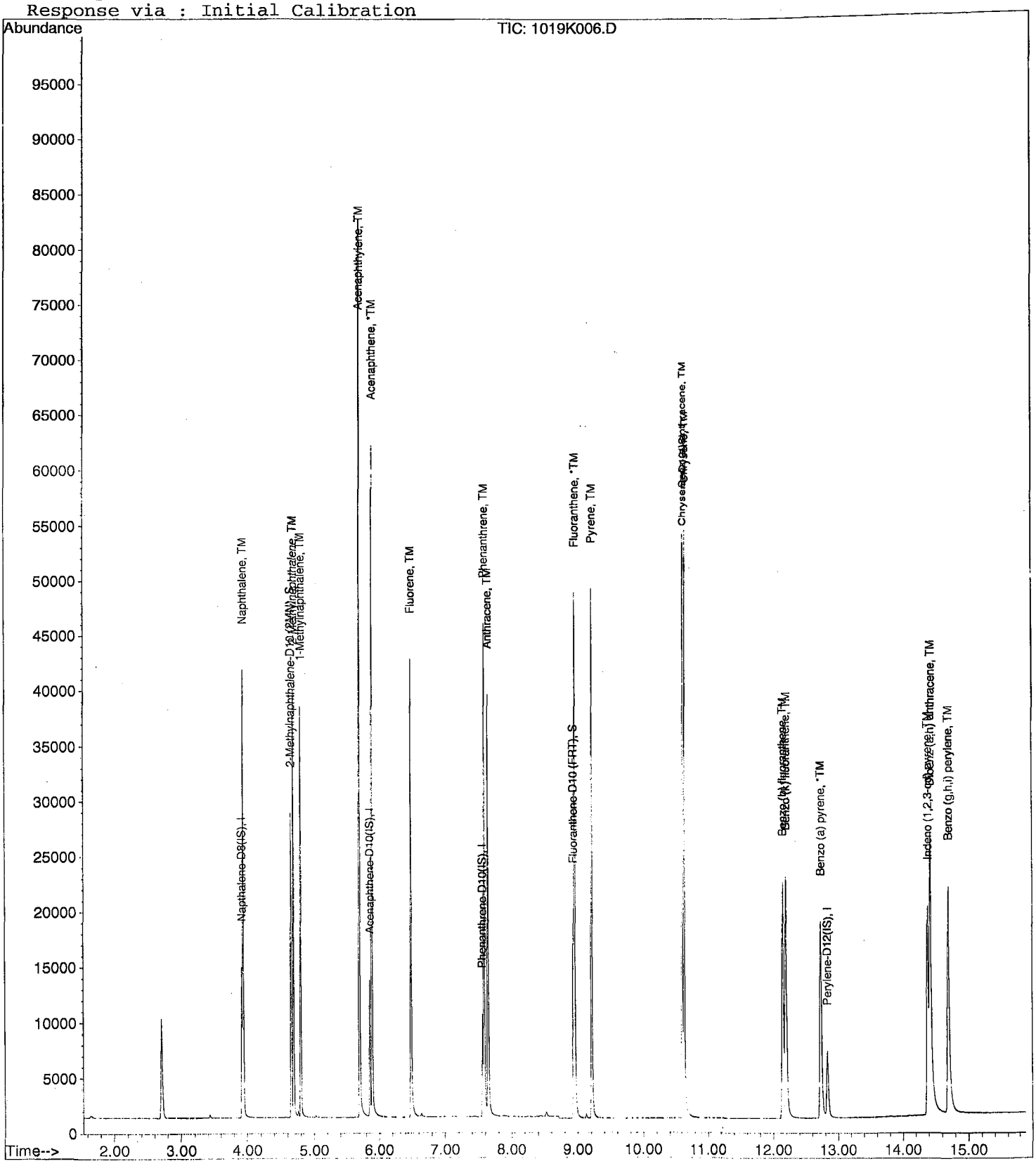
Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K006.D
Acq On : 19 Oct 21 15:29
Sample : 5 ug/ml 10/13/21
Misc :

Vial: 6
Operator: LS
Inst : KYLO
Multiplr: 1.00

Quant Time: Oct 19 15:48 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 09 10:14:45 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 10/13/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 15:49 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

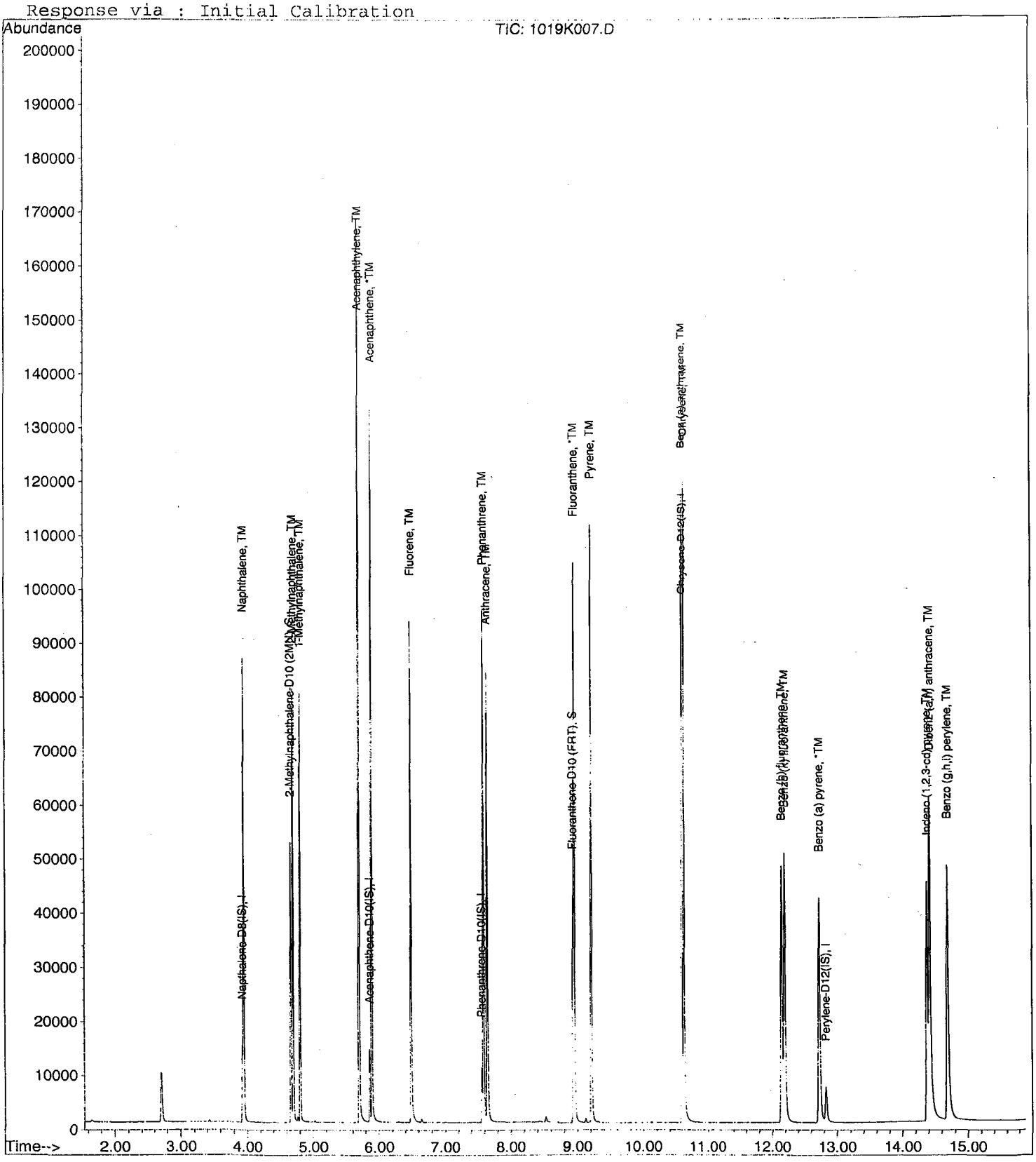
Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K007.D
Acq On : 19 Oct 21 15:49
Sample : 10 ug/ml 10/13/21
Misc :

Vial: 7
Operator: LS
Inst : KYLO
Multiplr: 1.00

Quant Time: Oct 19 15:49 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 09 10:14:45 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 10/13/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 15:49 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

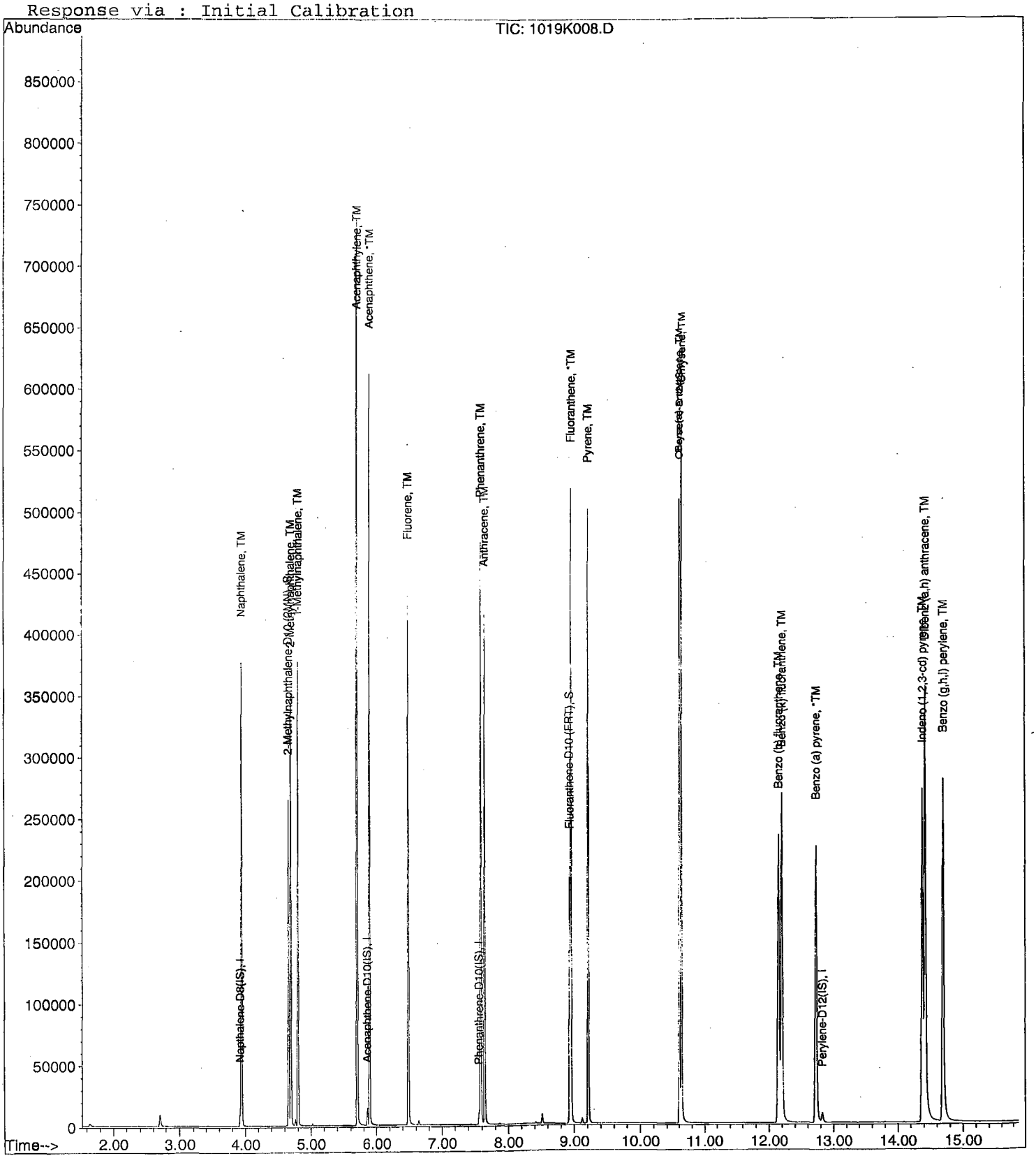
(#) = qualifier out of range (m) = manual integration

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 10/13/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 15:49 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 09 10:14:45 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 10/13/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 15:49 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

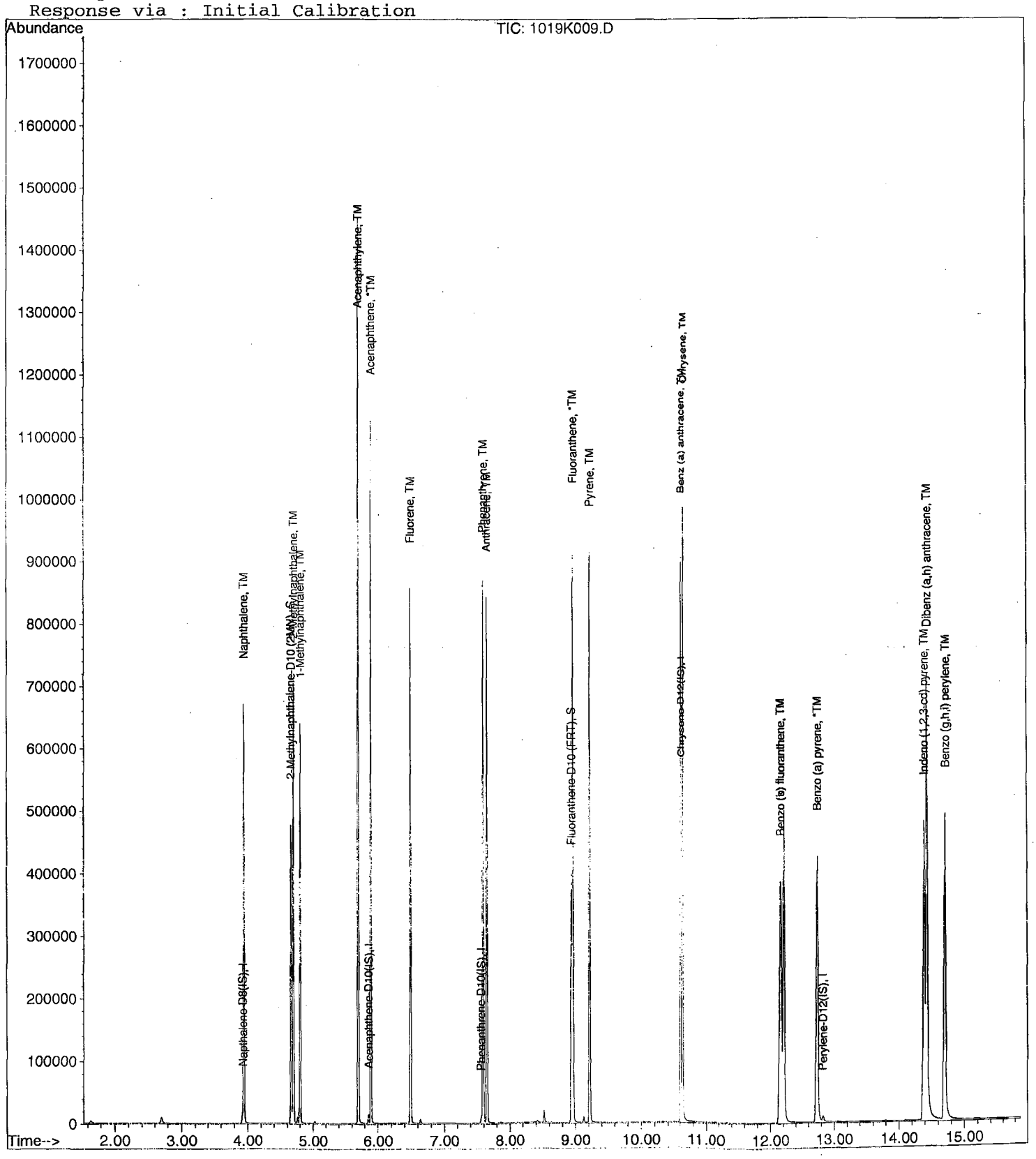
Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K009.D
Acq On : 19 Oct 21 16:29
Sample : 100 ug/ml 10/13/21
Misc :

Vial: 9
Operator: LS
Inst : KYLO
Multiplr: 1.00

Quant Time: Oct 19 15:49 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 09 10:14:45 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 10/13/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 16:06 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

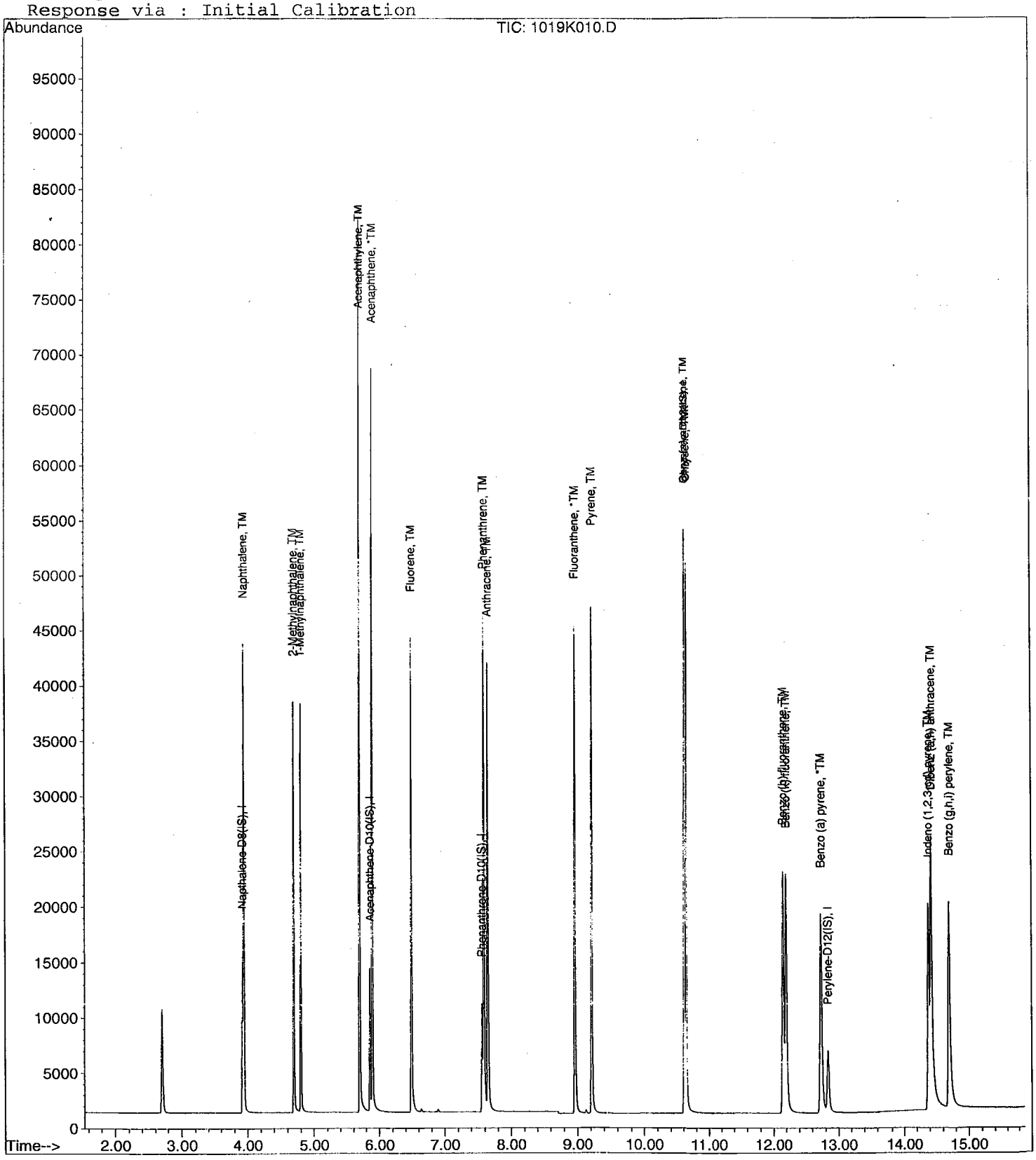
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K010.D Vial: 10
Acq On : 19 Oct 21 16:49 Operator: LS
Sample : SS ug/ml 10/13/21 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 19 16:06 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 09 10:14:45 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: 10/28/2021
Instrument: KYLO
Initial Cal. Date: 10/19/2021
Data File: 1019K171.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Napthalene-D8(IS)	ISTD			I	
2	TM	Naphthalene	1.299	1.327	2.2	TM	
3	S	2-Methylnaphthalene-D10 (2MN)	1.277	1.294	1.3	S	
4	TM	2-Methylnaphthalene	0.7611	0.8077	6.1	TM	
5	TM	1-Methylnaphthalene	0.7681	0.8019	4.4	TM	
6	I	Acenaphthene-D10(IS)	ISTD			I	
7	TM	Acenaphthylene	5.176	5.448	5.3	TM	
8	*TM	Acenaphthene	1.371	1.423	3.8	*TM	
9	TM	Fluorene	1.589	1.678	5.7	TM	
10	I	Phenanthrene-D10(IS)	ISTD			I	
11	TM	Phenanthrene	1.376	1.470	6.8	TM	
12	TM	Anthracene	1.299	1.377	6.0	TM	
13	S	Fluoranthene-D10 (FRT)	1.949	1.989	2.1	S	
14	*TM	Fluoranthene	2.137	2.351	10.0	*TM	
15	I	Chrysene-D12(IS)	ISTD			I	
16	TM	Pyrene	1.914	1.991	4.0	TM	
17	TM	Benz (a) anthracene	1.401	1.479	5.5	TM	
18	TM	Chrysene	1.558	1.563	0.32	TM	
19	TML	Indeno (1,2,3-cd) pyrene	1.272	1.117	12	TML	0.74
20	I	Perylene-D12(IS)	ISTD			I	
21	TM	Benzo (b) fluoranthene	1.408	1.570	11	TM	
22	TM	Benzo (k) fluoranthene	1.610	1.696	5.4	TM	
23	*TM	Benzo (a) pyrene	1.341	1.456	8.6	*TM	
24	TM	Dibenz (a,h) anthracene	1.326	1.393	5.0	TM	
25	TM	Benzo (g,h,i) perylene	1.443	1.557	7.9	TM	
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
		Average			5.7		

Quantitation Report (Not Reviewed)

Data File : M:\KYLO\DATA\211019\1019K171.D Vial: 21
Acq On : 28 Oct 21 9:18 Operator: LS
Sample : 5 ug/ml 10/19/21 (1) Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 28 8:38 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	13064	2.50	ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	6432	2.50	ppb	-0.03
10) Phenanthrene-D10(IS)	7.52	188	9841	2.50	ppb	-0.03
15) Chrysene-D12(IS)	10.58	240	11899	2.50	ppb	-0.04
20) Perylene-D12(IS)	12.76	264	10623	2.50	ppb	-0.07
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.63	152	16903	2.53	ppb	-0.03
Spiked Amount 5.000			Recovery = 50.680%			
13) Fluoranthene-D10 (FRT)	8.90	212	19572	2.55	ppb	-0.03
Spiked Amount 5.000			Recovery = 51.020%			
Target Compounds						Qvalue
2) Naphthalene	3.91	128	34671	5.11	ppb	100
4) 2-Methylnaphthalene	4.66	142	21104	5.31	ppb	98
5) 1-Methylnaphthalene	4.77	142	20953	5.22	ppb	98
7) Acenaphthylene	5.66	152	70079	5.26	ppb	99
8) Acenaphthene	5.86	154	18309	5.19	ppb	97
9) Fluorene	6.45	166	21591	5.28	ppb	99
11) Phenanthrene	7.55	178	28931	5.34	ppb	100
12) Anthracene	7.61	178	27111	5.30	ppb	100
14) Fluoranthene	8.92	202	46263	5.50	ppb	96
16) Pyrene	9.18	202	47381	5.20	ppb	95
17) Benz (a) anthracene	10.57	228	35190	5.28	ppb	99
18) Chrysene	10.61	228	37193	5.02	ppb	99
19) Indeno (1,2,3-cd) pyrene	14.32	276	26574	4.96	ppb	95
21) Benzo (b) fluoranthene	12.08	252	33346	5.57	ppb	99
22) Benzo (k) fluoranthene	12.13	252	36038	5.27	ppb	98
23) Benzo (a) pyrene	12.66	252	30944	5.43	ppb	99
24) Dibenz (a,h) anthracene	14.37	278	29588	5.25	ppb	100
25) Benzo (g,h,i) perylene	14.64	276	33088	5.40	ppb	99

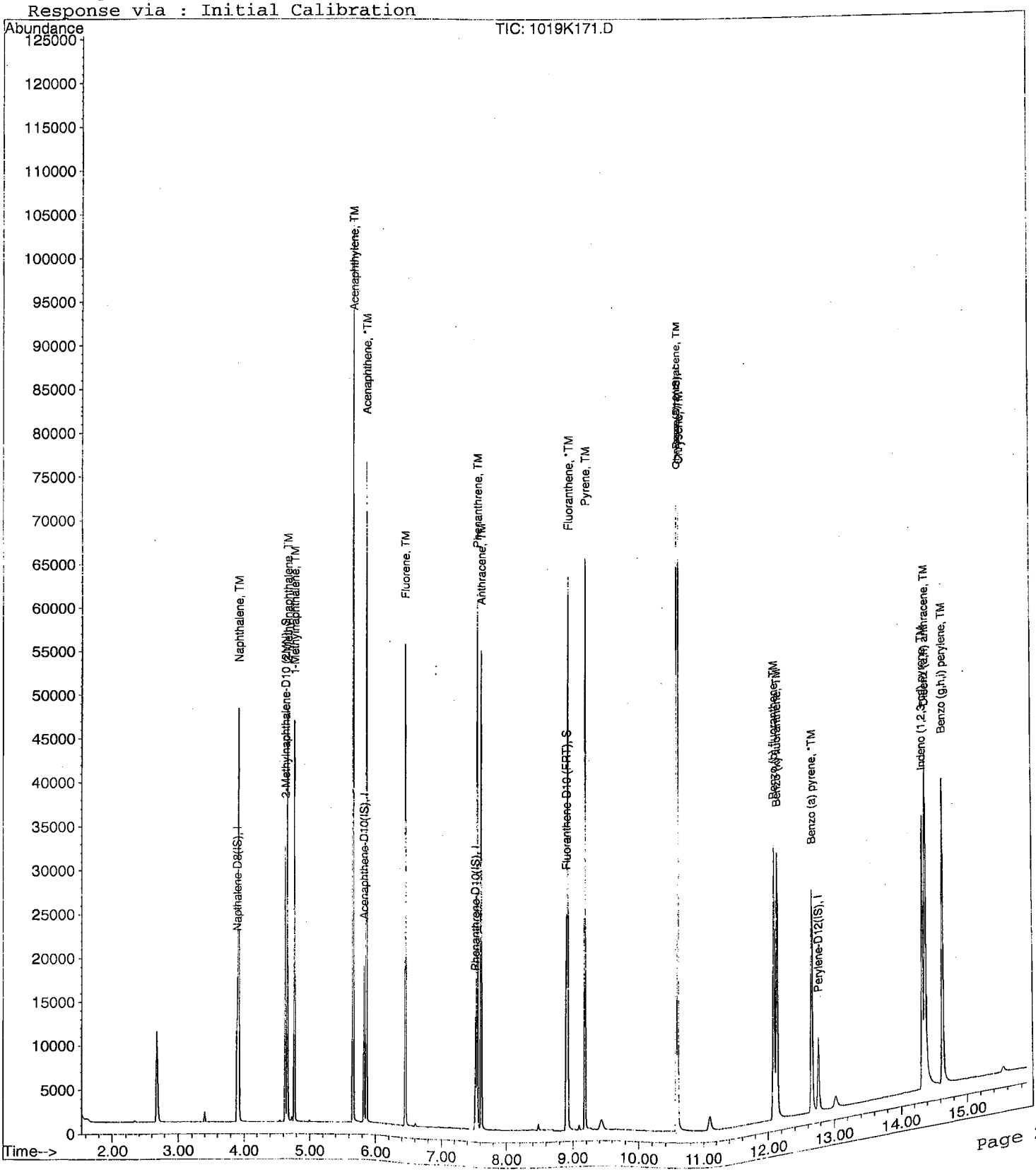
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K171.D Vial: 21
Acq On : 28 Oct 21 9:18 Operator: LS
Sample : 5 ug/ml 10/19/21 (1) Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 28 8:38 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 09 10:14:45 2021
Response via : Initial Calibration



PAH by GCMS SIM
EPA 8270 SIM

Form 7

Ending Continuing Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Date Analyzed: 10/28/2021
Matrix: Instrument: KYLO
Initial Cal. Date: 10/19/2021
Data File: 1019K205.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Napthalene-D8(IS)	ISTD			I	
2	TM	Naphthalene	1.299	1.305	0.45	TM	
3	S	2-Methylnaphthalene-D10 (2MN)	1.277	1.287	0.79	S	
4	TM	2-Methylnaphthalene	0.7611	0.8002	5.1	TM	
5	TM	1-Methylnaphthalene	0.7681	0.7954	3.6	TM	
6	I	Acenaphthene-D10(IS)	ISTD			I	
7	TM	Acenaphthylene	5.176	5.292	2.3	TM	
8	*TM	Acenaphthene	1.371	1.405	2.5	*TM	
9	TM	Fluorene	1.589	1.663	4.7	TM	
10	I	Phenanthrene-D10(IS)	ISTD			I	
11	TM	Phenanthrene	1.376	1.447	5.2	TM	
12	TM	Anthracene	1.299	1.356	4.4	TM	
13	S	Fluoranthene-D10 (FRT)	1.949	2.068	6.1	S	
14	*TM	Fluoranthene	2.137	2.304	7.8	*TM	
15	I	Chrysene-D12(IS)	ISTD			I	
16	TM	Pyrene	1.914	1.977	3.3	TM	
17	TM	Benz (a) anthracene	1.401	1.480	5.6	TM	
18	TM	Chrysene	1.558	1.545	0.83	TM	
19	TML	Indeno (1,2,3-cd) pyrene	1.272	1.089	14	TML	3.1
20	I	Perylene-D12(IS)	ISTD			I	
21	TM	Benzo (b) fluoranthene	1.408	1.526	8.4	TM	
22	TM	Benzo (k) fluoranthene	1.610	1.679	4.3	TM	
23	*TM	Benzo (a) pyrene	1.341	1.425	6.3	*TM	
24	TM	Dibenz (a,h) anthracene	1.326	1.344	1.4	TM	
25	TM	Benzo (g,h,i) perylene	1.443	1.471	2.0	TM	
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
		Average			4.5		

Quantitation Report (Not Reviewed)

Data File : M:\KYLO\DATA\211019\1019K205.D Vial: 55
Acq On : 28 Oct 21 20:55 Operator: LS
Sample : 5 ug/ml 10/13/21 (2) Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 29 6:36 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	17438	2.50000	ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	8754	2.50000	ppb	-0.03
10) Phenanthrene-D10(IS)	7.52	188	13434	2.50000	ppb	-0.03
15) Chrysene-D12(IS)	10.57	240	16058	2.50000	ppb	-0.04
20) Perylene-D12(IS)	12.76	264	14486	2.50000	ppb	-0.07
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.63	152	22438	2.51975	ppb	-0.03
Spiked Amount 5.000			Recovery = 50.400%			
13) Fluoranthene-D10 (FRT)	8.90	212	27776	2.65231	ppb	-0.04
Spiked Amount 5.000			Recovery = 53.040%			
Target Compounds						Qvalue
2) Naphthalene	3.91	128	45496	5.02260	ppb	100
4) 2-Methylnaphthalene	4.66	142	27909	5.25713	ppb	99
5) 1-Methylnaphthalene	4.77	142	27740	5.17755	ppb	98
7) Acenaphthylene	5.66	152	92661	5.11288	ppb	99
8) Acenaphthene	5.86	154	24599	5.12455	ppb	99
9) Fluorene	6.45	166	29124	5.23574	ppb	100
11) Phenanthrene	7.55	178	38875	5.25831	ppb	99
12) Anthracene	7.61	178	36439	5.21840	ppb	99
14) Fluoranthene	8.92	202	61894	5.38913	ppb	100
16) Pyrene	9.17	202	63487	5.16370	ppb	98
17) Benz (a) anthracene	10.56	228	47524	5.28020	ppb	100
18) Chrysene	10.61	228	49619	4.95868	ppb	99
19) Indeno (1,2,3-cd) pyrene	14.31	276	34981	4.84580	ppb	93
21) Benzo (b) fluoranthene	12.08	252	44210	5.41911	ppb	100
22) Benzo (k) fluoranthene	12.12	252	48649	5.21470	ppb	99
23) Benzo (a) pyrene	12.66	252	41283	5.31284	ppb	100
24) Dibenz (a,h) anthracene	14.36	278	38952	5.06976	ppb	99
25) Benzo (g,h,i) perylene	14.63	276	42626	5.09793	ppb	100

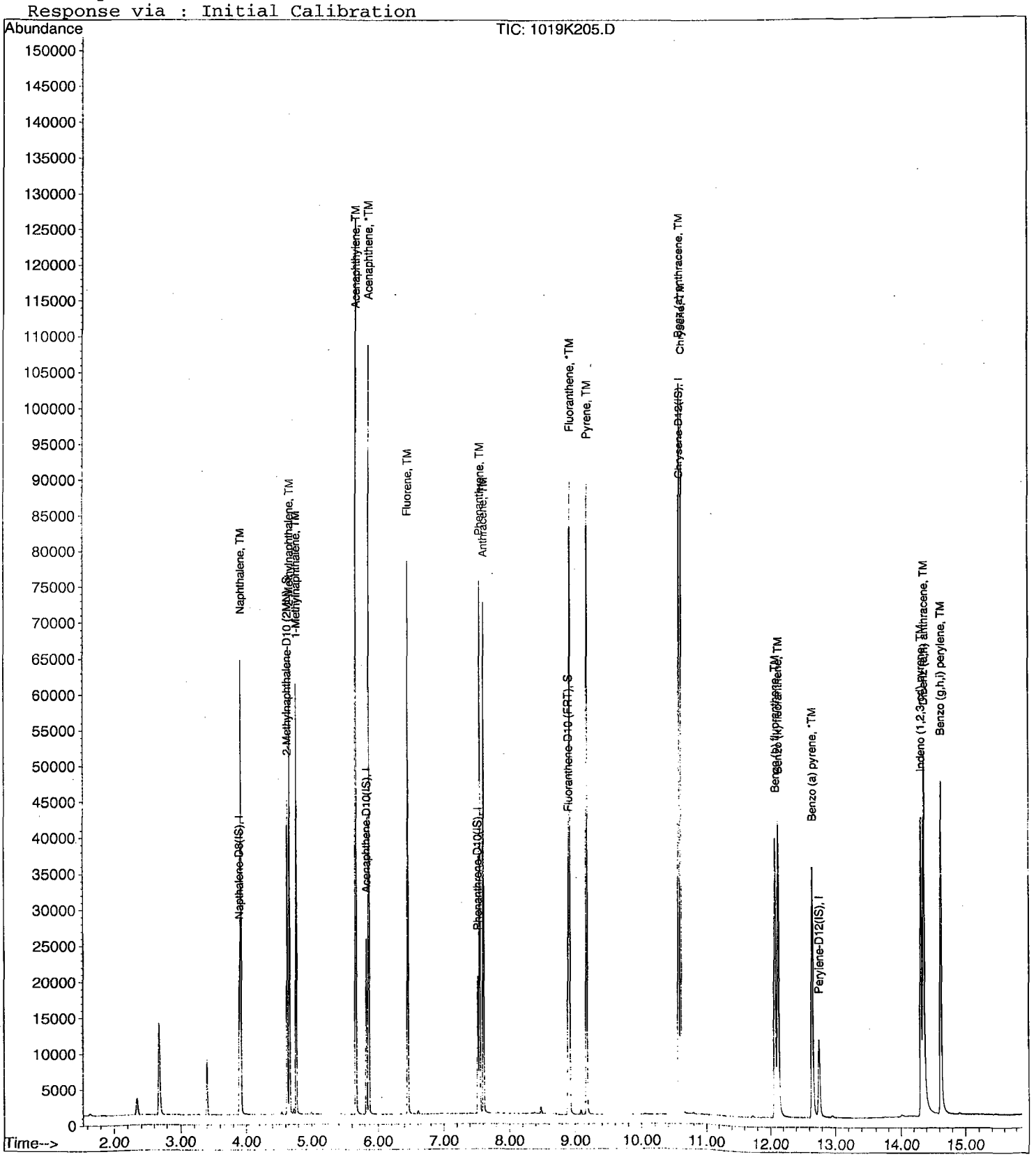
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K205.D Vial: 55
Acq On : 28 Oct 21 20:55 Operator: LS
Sample : 5 ug/ml 10/13/21 (2) Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 29 6:36 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 09 10:14:45 2021
Response via : Initial Calibration



ORGANICS
Raw Data

Quantitation Report (QT Reviewed)

Data File : M:\KYLO\DATA\211019\1019K176.D Vial: 26
Acq On : 28 Oct 21 11:16 Operator: LS
Sample : BA43832W07 1/1000 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Nov 8 15:44 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	14080	2.50	ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	7037	2.50	ppb	-0.03
10) Phenanthrene-D10(IS)	7.52	188	10886	2.50	ppb	-0.03
15) Chrysene-D12(IS)	10.57	240	12649	2.50	ppb	-0.04
20) Perylene-D12(IS)	12.76	264	11433	2.50	ppb	-0.07
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.63	152	27830	3.87	ppb	-0.03
Spiked Amount 5.000			Recovery = 77.420%			
13) Fluoranthene-D10 (FRT)	8.90	212	33094	3.90	ppb	-0.04
Spiked Amount 5.000			Recovery = 78.000%			

Target Compounds Qvalue

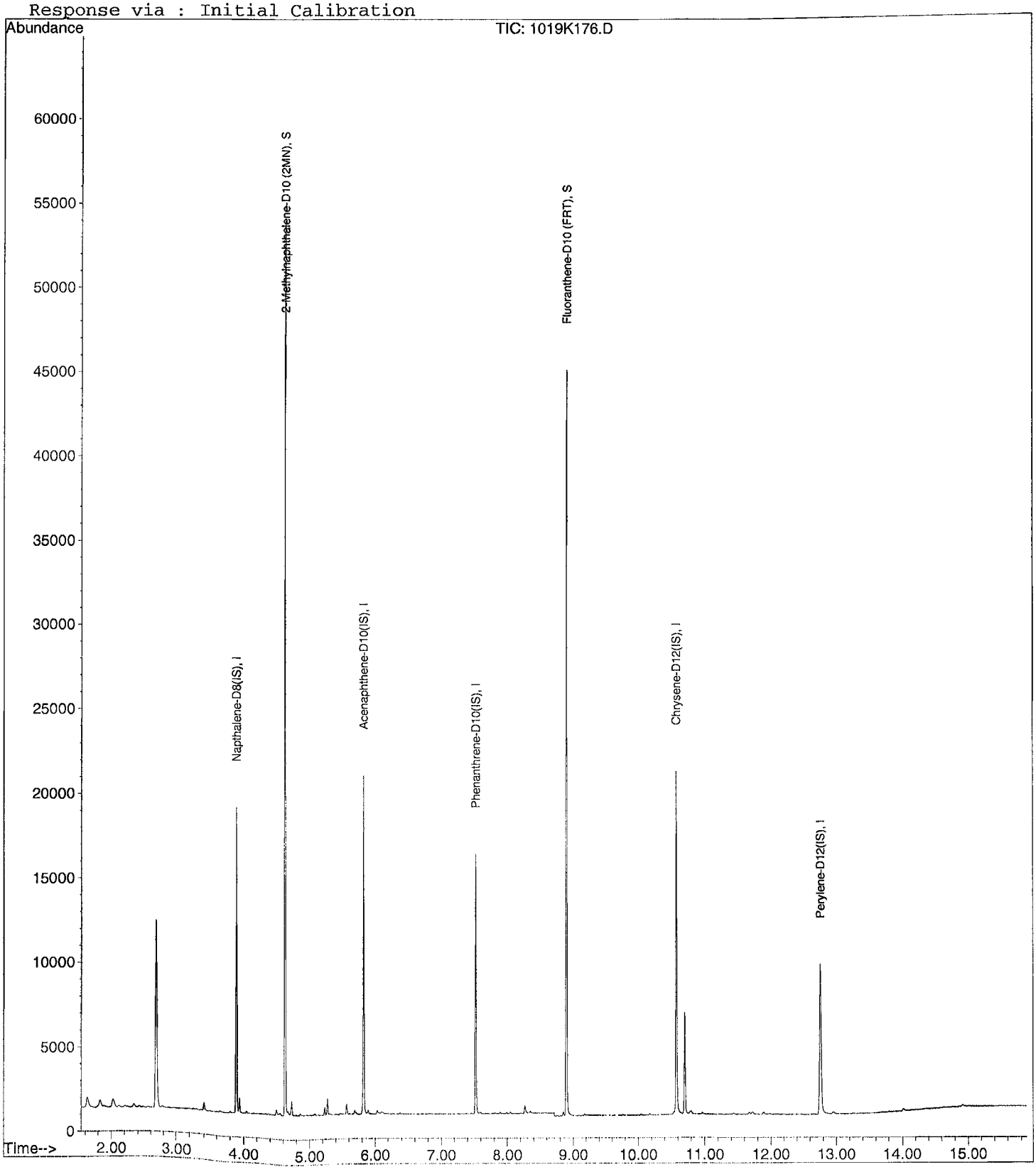
(#) = qualifier out of range (m) = manual integration

Data File : M:\KYLO\DATA\211019\1019K176.D
Acq On : 28 Oct 21 11:16
Sample : BA43832W07 1/1000
Misc :

Vial: 26
Operator: LS
Inst : KYLO
Multiplr: 1.00

Quant Time: Nov 8 15:44 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 09 10:14:45 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\KYLO\DATA\211019\1019K177.D Vial: 27
Acq On : 28 Oct 21 11:35 Operator: LS
Sample : BA43833W05 1/1000 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Nov 8 15:44 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	13812	2.50 ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	6881	2.50 ppb	-0.03
10) Phenanthrene-D10(IS)	7.52	188	10640	2.50 ppb	-0.03
15) Chrysene-D12(IS)	10.57	240	12590	2.50 ppb	-0.04
20) Perylene-D12(IS)	12.76	264	11181	2.50 ppb	-0.07
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.63	152	30629	4.34 ppb	-0.03
Spiked Amount 5.000			Recovery =	86.860%	
13) Fluoranthene-D10 (FRT)	8.90	212	36222	4.37 ppb	-0.04
Spiked Amount 5.000			Recovery =	87.340%	

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

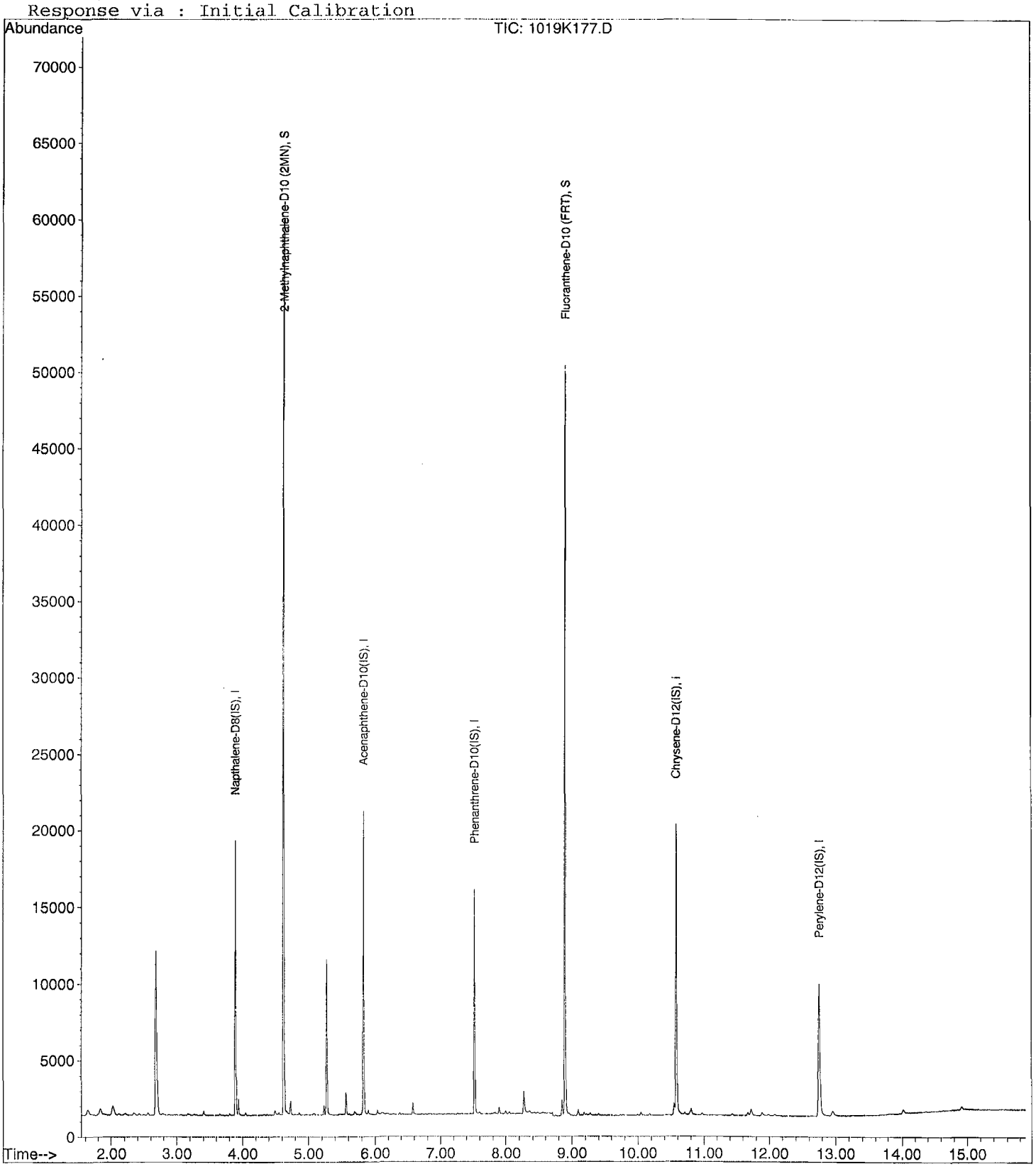
Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K177.D
Acq On : 28 Oct 21 11:35
Sample : BA43833W05 1/1000
Misc :

Vial: 27
Operator: LS
Inst : KYLO
Multiplr: 1.00

Quant Time: Nov 8 15:44 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 09 10:14:45 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\KYLO\DATA\211019\1019K172.D Vial: 22
Acq On : 28 Oct 21 9:56 Operator: LS
Sample : 211022A BLK 1/1000 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 28 9:23 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	12905	2.50	ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	6299	2.50	ppb	-0.03
10) Phenanthrene-D10(IS)	7.53	188	9803	2.50	ppb	-0.03
15) Chrysene-D12(IS)	10.59	240	11444	2.50	ppb	-0.03
20) Perylene-D12(IS)	12.76	264	10357	2.50	ppb	-0.07
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.63	152	25470	3.86	ppb	-0.03
Spiked Amount 5.000			Recovery =	77.300%		
13) Fluoranthene-D10 (FRT)	8.90	212	31510	4.12	ppb	-0.03
Spiked Amount 5.000			Recovery =	82.460%		

Target Compounds Qvalue

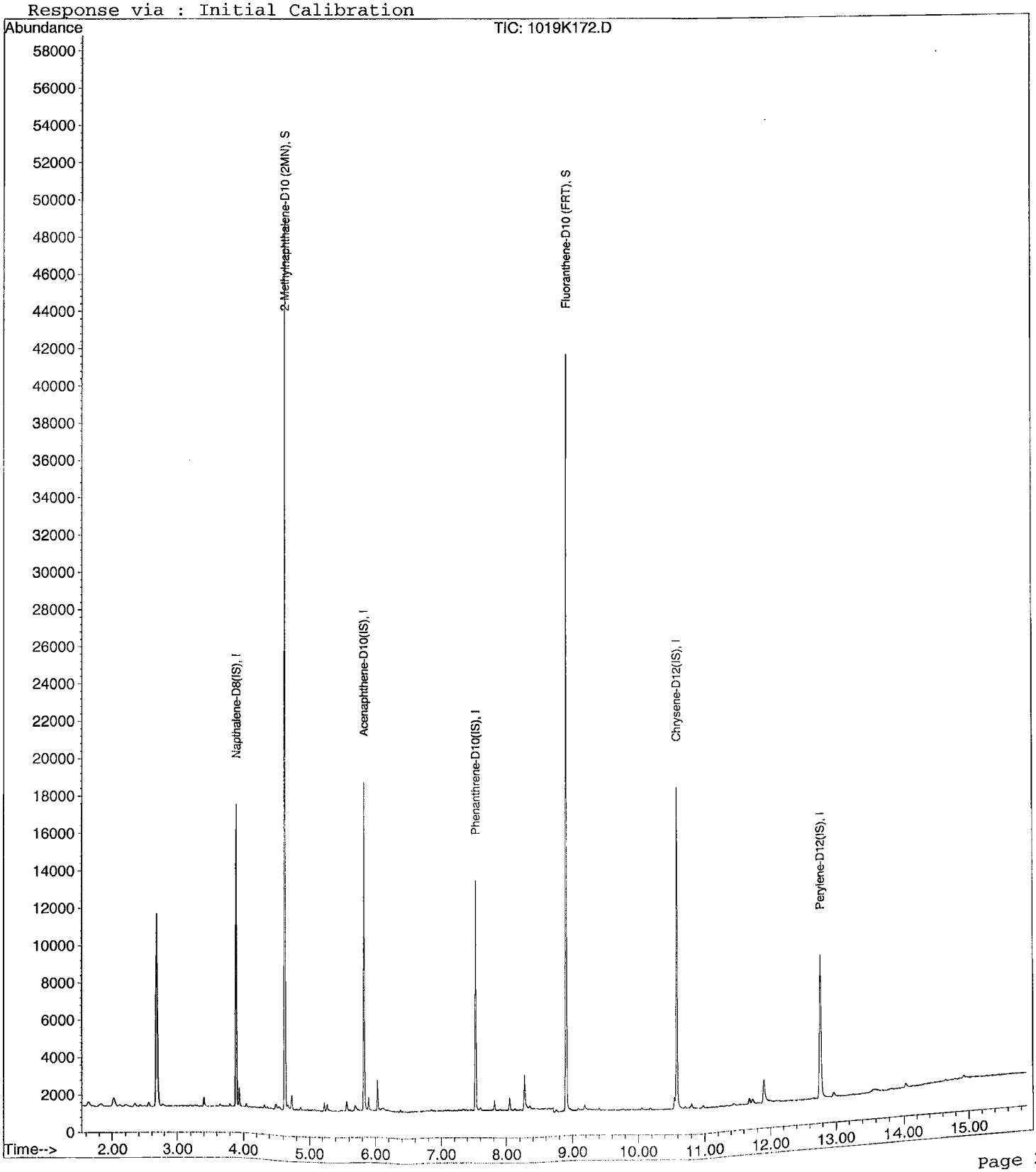
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K172.D Vial: 22
Acq On : 28 Oct 21 9:56 Operator: LS
Sample : 211022A BLK 1/1000 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 28 9:23 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 09 10:14:45 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\KYLO\DATA\211019\1019K173.D Vial: 23
Acq On : 28 Oct 21 10:16 Operator: LS
Sample : 211022A LCS-1 1/1000 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 28 9:56 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	13479	2.50	ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	6711	2.50	ppb	-0.03
10) Phenanthrene-D10(IS)	7.52	188	10307	2.50	ppb	-0.03
15) Chrysene-D12(IS)	10.57	240	12396	2.50	ppb	-0.04
20) Perylene-D12(IS)	12.76	264	11238	2.50	ppb	-0.07
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.63	152	29041	4.22	ppb	-0.03
Spiked Amount 5.000			Recovery = 84.380%			
13) Fluoranthene-D10 (FRT)	8.90	212	35459	4.41	ppb	-0.04
Spiked Amount 5.000			Recovery = 88.260%			
Target Compounds						Qvalue
2) Naphthalene	3.91	128	28856	4.12	ppb	100
4) 2-Methylnaphthalene	4.66	142	17517	4.27	ppb	99
5) 1-Methylnaphthalene	4.77	142	17506	4.23	ppb	98
7) Acenaphthylene	5.66	152	59961	4.32	ppb	99
8) Acenaphthene	5.86	154	15652	4.25	ppb	99
9) Fluorene	6.45	166	18961	4.45	ppb	100
11) Phenanthrene	7.55	178	25757	4.54	ppb	99
12) Anthracene	7.61	178	23722	4.43	ppb	99
14) Fluoranthene	8.92	202	41989	4.77	ppb	97
16) Pyrene	9.17	202	42860	4.52	ppb	97
17) Benz (a) anthracene	10.56	228	32972	4.75	ppb	100
18) Chrysene	10.61	228	33880	4.39	ppb	100
19) Indeno (1,2,3-cd) pyrene	14.32	276	24789	4.46	ppb	99
21) Benzo (b) fluoranthene	12.08	252	31501	4.98	ppb	99
22) Benzo (k) fluoranthene	12.12	252	32431	4.48	ppb	99
23) Benzo (a) pyrene	12.65	252	27927	4.63	ppb	99
24) Dibenz (a,h) anthracene	14.36	278	27258	4.57	ppb	99
25) Benzo (g,h,i) perylene	14.63	276	30037	4.63	ppb	99

(#) = qualifier out of range (m) = manual integration

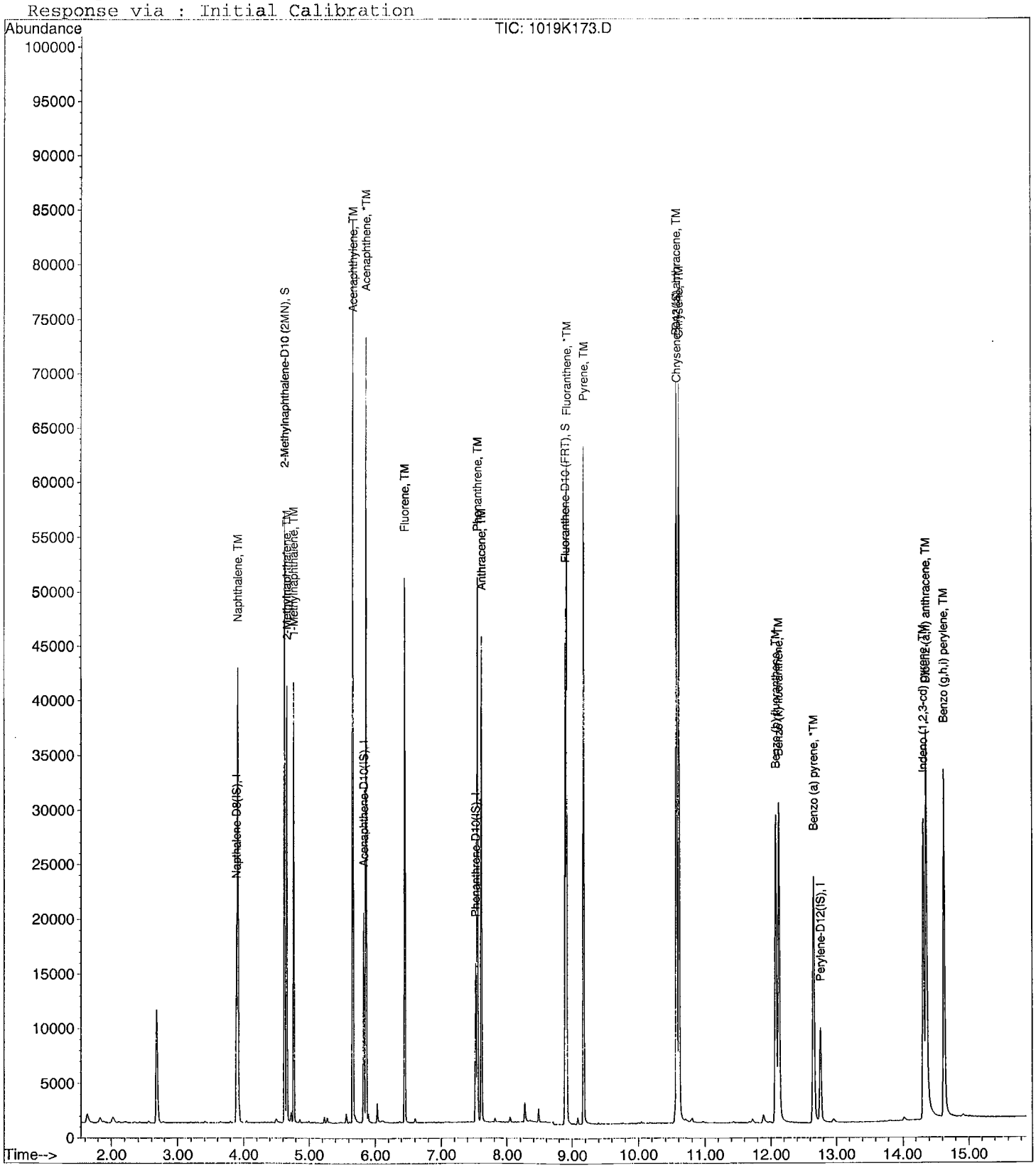
Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K173.D
Acq On : 28 Oct 21 10:16
Sample : 211022A LCS-1 1/1000
Misc :

Vial: 23
Operator: LS
Inst : KYLO
Multiplr: 1.00

Quant Time: Oct 28 9:56 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 09 10:14:45 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\KYLO\DATA\211019\1019K174.D Vial: 24
Acq On : 28 Oct 21 10:36 Operator: LS
Sample : 211022A LCSD-1 1/1000 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 28 9:56 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	13301	2.50	ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	6681	2.50	ppb	-0.03
10) Phenanthrene-D10(IS)	7.52	188	10357	2.50	ppb	-0.03
15) Chrysene-D12(IS)	10.57	240	12395	2.50	ppb	-0.04
20) Perylene-D12(IS)	12.75	264	11334	2.50	ppb	-0.08
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.63	152	30408	4.48	ppb	-0.03
Spiked Amount 5.000			Recovery = 89.540%			
13) Fluoranthene-D10 (FRT)	8.90	212	37223	4.61	ppb	-0.04
Spiked Amount 5.000			Recovery = 92.200%			
Target Compounds						Qvalue
2) Naphthalene	3.91	128	31490	4.56	ppb	100
4) 2-Methylnaphthalene	4.66	142	19214	4.74	ppb	98
5) 1-Methylnaphthalene	4.77	142	18958	4.64	ppb	98
7) Acenaphthylene	5.66	152	64945	4.70	ppb	100
8) Acenaphthene	5.86	154	17150	4.68	ppb	99
9) Fluorene	6.45	166	20541	4.84	ppb	99
11) Phenanthrene	7.55	178	27627	4.85	ppb	99
12) Anthracene	7.61	178	25291	4.70	ppb	99
14) Fluoranthene	8.92	202	45156	5.10	ppb	97
16) Pyrene	9.17	202	46128	4.86	ppb	97
17) Benz (a) anthracene	10.56	228	35285	5.08	ppb	100
18) Chrysene	10.61	228	36508	4.73	ppb	99
19) Indeno (1,2,3-cd) pyrene	14.31	276	26913	4.83	ppb	95
21) Benzo (b) fluoranthene	12.08	252	33019	5.17	ppb	99
22) Benzo (k) fluoranthene	12.12	252	36060	4.94	ppb	99
23) Benzo (a) pyrene	12.65	252	29936	4.92	ppb	99
24) Dibenz (a,h) anthracene	14.36	278	29371	4.89	ppb	99
25) Benzo (g,h,i) perylene	14.63	276	32214	4.92	ppb	98

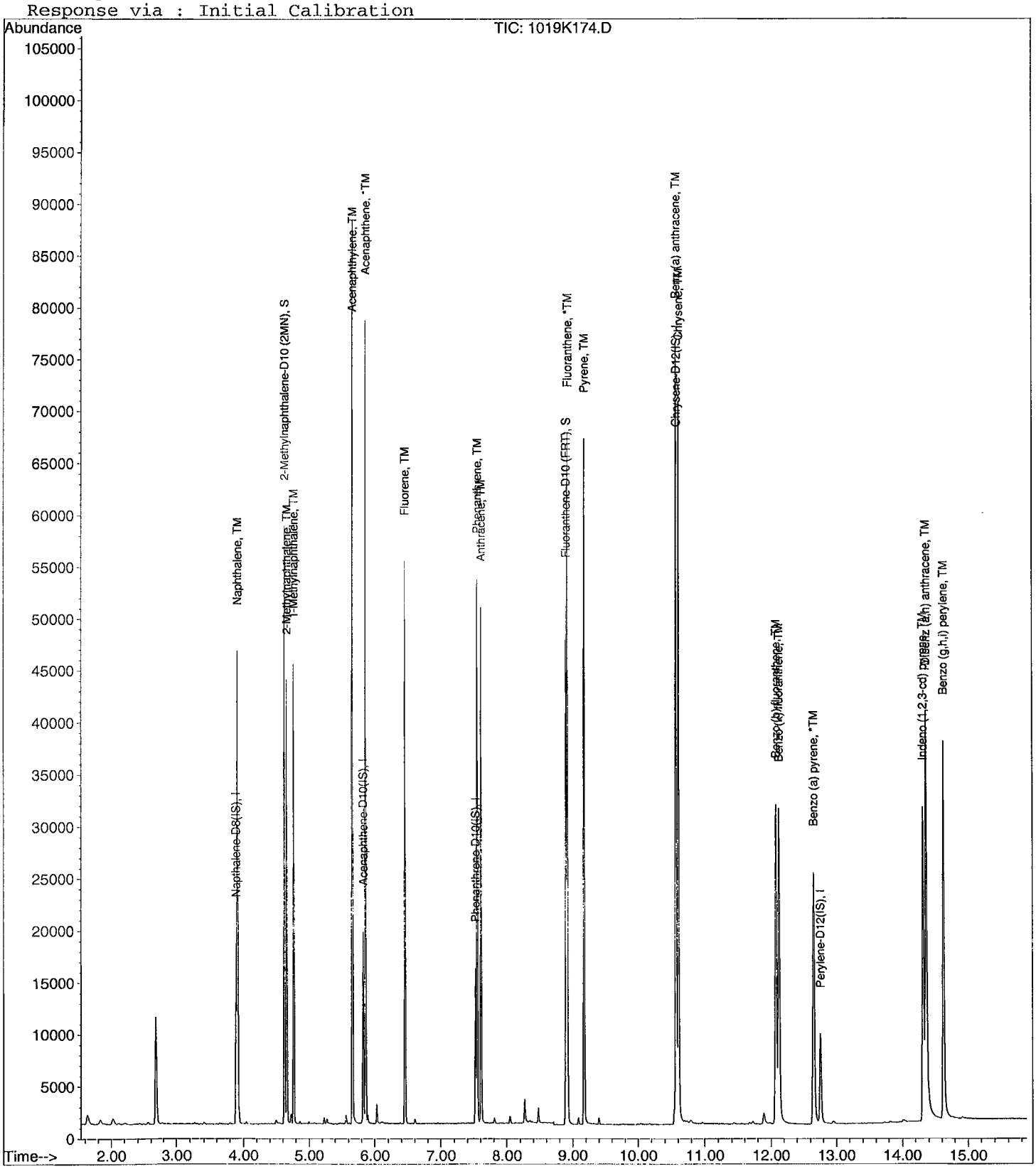
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K174.D Vial: 24
Acq On : 28 Oct 21 10:36 Operator: LS
Sample : 211022A LCSD-1 1/1000 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Oct 28 9:56 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 09 10:14:45 2021
Response via : Initial Calibration

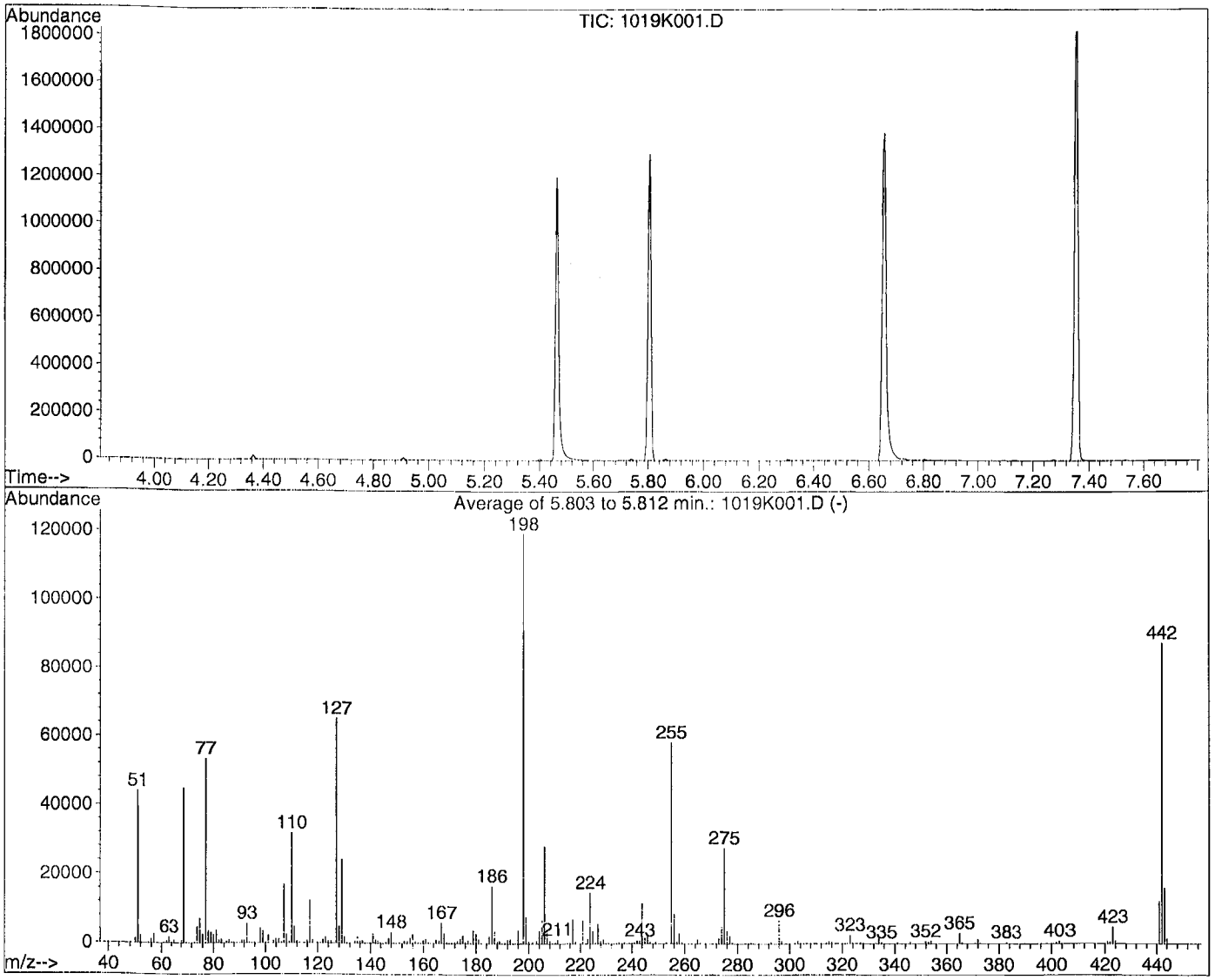


DFTPP

Data File : M:\KYLO\DATA\211019\1019K001.D
Acq On : 19 Oct 21 13:58
Sample : SV TUNE 7/2/21
Misc :

Vial: 1
Operator: LS
Inst : KYLO
Multiplr: 1.00

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270



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

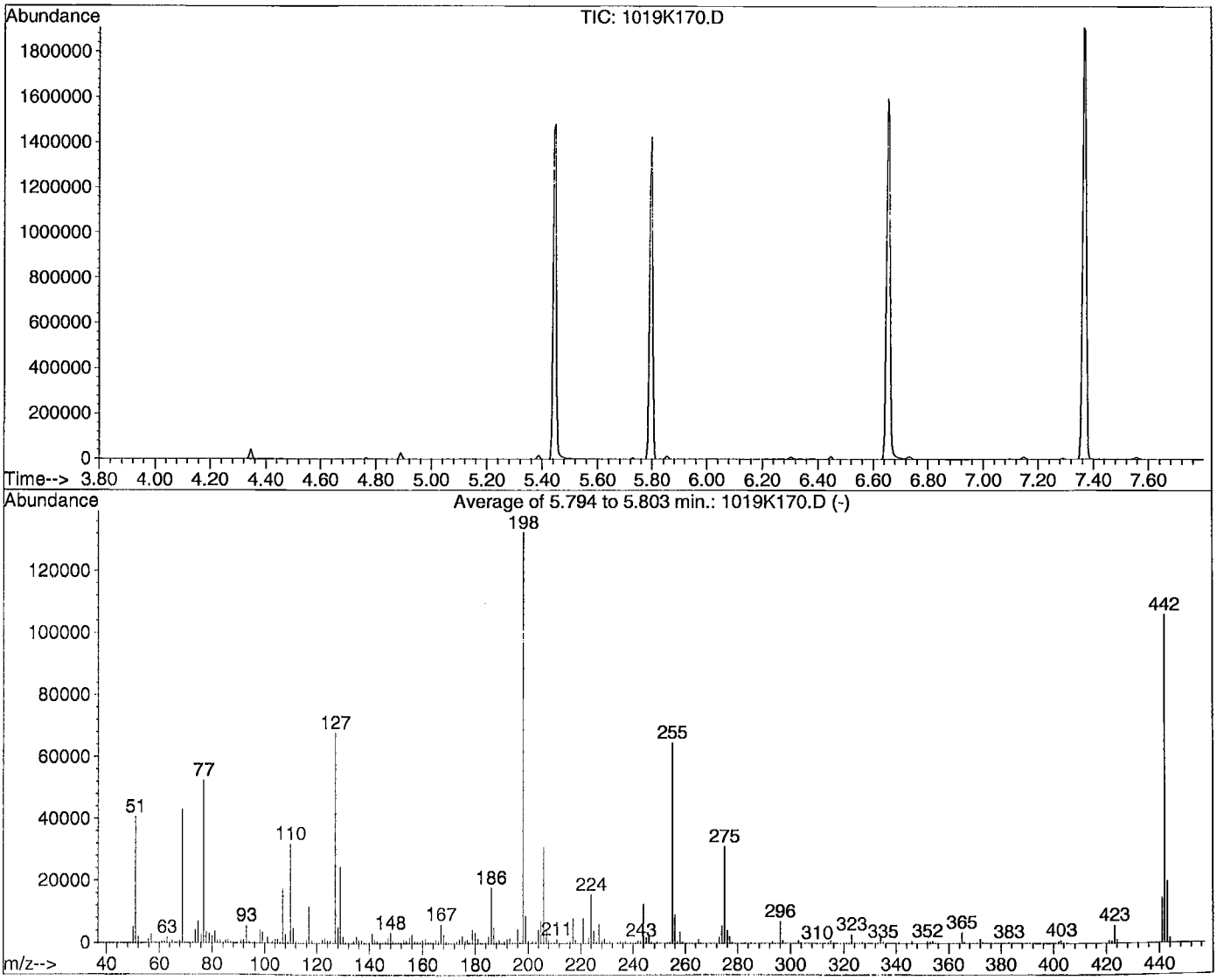
Data File Name:	**1019K001.D**
Data File Path:	**M:\KYLO\DATA\211019**
Operator:	**LS**
Date Acquired:	**19 Oct 2021 13:58**
Method File:	**K1019.M**
Sample Name:	**SV TUNE 7/2/21**
Vial Number:	1
Instrument Name:	**KYLO**

#	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\1019K170.D Vial: 20
Acq On : 28 Oct 21 9:06 Operator: LS
Sample : SV TUNE 7/2/21 Inst : KYLO
Misc : Multiplr: 1.00

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270



AutoFind: Scans 474, 475, 476; Background Corrected with Scan 468

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	30.6	40600	PASS
68	69	0.00	2	1.5	635	PASS
70	69	0.00	2	0.5	211	PASS
127	198	10	80	51.2	67893	PASS
197	198	0.00	2	0.3	339	PASS
198	198	100	100	100.0	132621	PASS
199	198	5	9	6.6	8786	PASS
275	198	10	60	23.5	31197	PASS
365	198	1	100	2.5	3370	PASS
441	442	0.01	24	13.7	14506	PASS
442	198	50	500	80.0	106149	PASS
443	442	15	24	18.8	19920	PASS

Data File Name:	**1019K170.D**
Data File Path:	**M:\KYLO\DATA\211019**
Operator:	**LS**
Date Acquired:	**28 Oct 2021 09:06**
Method File:	**K1019.M**
Sample Name:	**SV TUNE 7/2/21**
Vial Number:	**20**
Instrument Name:	**KYLO**

#	Name	Ret Time	Target Response
1)	DDT	7.29	17317900
2)	DDD	7.07	0
3)	DDE	6.75	0

Breakdown **0.00**

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: **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	**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	Semivolatile (SV) Tuning Solution
Prep Date	7/2/2021
Exp Date	7/2/2022

Prep'd By (Initials) LS

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)
Semivolatile GC/MS Tuning Standard	Agilent	GCM-150-1	1,000 ug/mL	6559405-51018	7/2/2022	1,000 uL	20 mL	MC #60338	50 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

Name of Final Standard	SIM Surrogate	Prep'd By (Initials)	LS
Prep Date	10/21/2021		
Exp Date	10/21/2022		

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	**A0161454-50791,50792,50794 A0173323-52638**	**5/31/2027**	1.5 mL	30 mL	**Acetone #0246130**	100 ug/mL

_LIQ003

Organic Extraction Worksheet

Method	Continuous Liquid/Liquid SVOC 3520C	Extraction Set	211021A	Extraction Method	LIQ003	Units	mL

Spiked ID 1	Sim Spike 8-5-21 5-28-22	Surrogate ID 1	SIM Surrogate 10-21-21 10-21-22		
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:	10/21/21 9:43		
Spiked ID 8		Ext. End Time:	10/22/21 7:12		

GC Requires Extract By:

pH1	14	10/21/21 8:53	Water Bath Temp 1 °C	75/74.5 E-WB5 °
pH2	14	10/21/21 16:30	Water Bath Temp 2 °C	
pH3	14	10/22/21 9:20	Water Bath Temp 3 °C	

Spiked By: SR **Date** 10/22/2021 **Witnessed By:** CG **Date** 10/22/2021

	Sample	Sample Container	Spike Amount	Spike ID	Surrogate Amount	Surrogate ID	Extract Amount	Final Volume	pH	Extract Date/Time	Comments
1	211021A Blk				0.050	1 equip	1000 E-HP3 E-WB5	1	14	10/22/21 8:47	
2	211021A LCS-1		0.125	1	0.050	1 equip	1000 E-HP4 E-WB5	1	14	10/22/21 8:47	
3	211021A LCSD-1		0.125	1	0.050	1 equip	1000 E-HP6 E-WB5	1	14	10/22/21 8:47	
4	BA43555	BA43555W08			0.050	1 equip	1000 E-HP8 E-WB5	1	14	10/22/21 7:57	97901
5	BA43832	BA43832W07			0.050	1 equip	1000 E-HP7 E-WB5	1	14	10/22/21 16:20	97924
6	BA43833	BA43833W05			0.050	1 equip	1000 E-HP9 E-WB5	1	14	10/22/21 16:20	97924
7	BA43837	BA43837W07			0.050	1 equip	1000 E-HP10 E-WB5	1	14	10/22/21 16:20	97923
8	BA43840	BA43840W07			0.050	1 equip	1000 E-HP17 E-WB5	1	14	10/22/21 7:57	97918

Solvent and Lot#	
PH Strips	HC15596
Dichloromethane (DCM)	61117
10N NaOH (10mLs)	10-18-21
Filter Paper	400196
Na2SO4	2021071206

Extraction COC Transfer	
Extraction lab employee Initials	KY
GC analyst's initials	CW
Date	10-26-21
Time	10:09
Refrigerator	GC_C

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

Modified	11/9/2021 9:44:07 AM

Reviewed By: KY **Date** 10/27/2021

Injection Log

Directory: M:\KYLO\DATA\211019\

Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1019K001.D	1	SV TUNE 7/2/21		19 Oct 21 13:58
2	1019K002.D	1	0.1 ug/ml 10/13/21		19 Oct 21 14:09
3	1019K003.D	1	0.2 ug/ml 10/13/21		19 Oct 21 14:29
4	1019K004.D	1	0.5 ug/ml 10/13/21		19 Oct 21 14:49
5	1019K005.D	1	1 ug/ml 10/13/21		19 Oct 21 15:09
6	1019K006.D	1	5 ug/ml 10/13/21		19 Oct 21 15:29
7	1019K007.D	1	10 ug/ml 10/13/21		19 Oct 21 15:49
8	1019K008.D	1	50 ug/ml 10/13/21		19 Oct 21 16:09
9	1019K009.D	1	100 ug/ml 10/13/21		19 Oct 21 16:29
10	1019K010.D	1	SS ug/ml 10/13/21		19 Oct 21 16:49
20	1019K170.D	1	SV TUNE 7/2/21		28 Oct 21 9:06
21	1019K171.D	1	5 ug/ml 10/19/21 (1)		28 Oct 21 9:18
22	1019K172.D	1	211021A BLK 1/1000		28 Oct 21 9:56
23	1019K173.D	1	211021A LCS-1 1/1000		28 Oct 21 10:16
24	1019K174.D	1	211021A LCSD-1 1/1000		28 Oct 21 10:36
26	1019K176.D	1	BA43832W07 1/1000		28 Oct 21 11:16
27	1019K177.D	1	BA43833W05 1/1000		28 Oct 21 11:35
55	1019K205.D	1	5 ug/ml 10/13/21 (2)		28 Oct 21 20:55

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: Water Instrument: Max Initials:

		Compound	1	2	3	4	5	6	7	8	9		Avg	%RSD	Type	r^2	Q	MRF
			1015M12.D	1015M13.D	1015M14.D	1015M15.D	1015M16.D	1015M17.D	1015M18.D	1015M19.D	1015M20.D							
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: Water 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: Water 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 16 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 13:28:38 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	5.92	ppb		0.00
Spiked Amount 25.000			Recovery =	23.696%			
46) 1,2-DCA-D4(S)	5.95	65	20160	6.18	ppb		0.00
Spiked Amount 25.000			Recovery =	24.716%			
66) Toluene-D8(S)	8.05	98	94364	5.92	ppb		0.00
Spiked Amount 25.000			Recovery =	23.668%			
74) 4-Bromofluorobenzene(S)	10.68	95	37378	5.45	ppb		0.00
Spiked Amount 25.000			Recovery =	21.784%			
Target Compounds							Qvalue
2) Chlorotrifluoroethene	1.02	116	2364	15.17	ppb	#	72
3) Dichlorodifluoromethane	1.19	85	437	0.22	ppb	#	64
4) Freon 114	1.29	85	300	0.18	ppb	#	59
5) Chloromethane	1.33	50	657	0.32	ppb	#	81
6) Vinyl chloride	1.42	62	584	0.40	ppb	#	61
7) 2-Chloro-1,1,1-trifluoroet	1.01	118	2099	48.48	ppb	#	60
9) Chloroethane	1.80	64	445	0.36	ppb	#	44
10) Dichlorofluoromethane	1.97	67	1225	0.36	ppb		93
11) Trichlorofluoromethane	2.01	101	1108	0.29	ppb		94
12) 2,2-Dichloro-1,1,1-trifluo	2.21	85	45	37.16	ppb	#	100
13) Acrolein	2.44	56	2646	7.09	ppb		94
14) Acetone	2.61	43	3165	6.98	ppb		98
15) Freon-113	2.54	151	532	0.30	ppb	#	45
16) Acetonitrile	2.92	41	1607	12.67	ppb	#	73
17) 2-propanol	2.28	45	21	1.12	ppb		92
18) 1,2-Dichlorotrifluoroethan	1.97	67	1225	0.36	ppb		100
19) 1,1-DCE	2.51	61	852	0.37	ppb	#	84
20) t-Butanol	3.33	59	1829	6.84	ppb		100
21) Methyl Acetate	2.98	43	391	0.48	ppb	#	49
22) Iodomethane	2.67	142	508	1.49	ppb	#	65
23) Acrylonitrile	3.35	53	42	0.18	ppb	#	21
25) Methylene chloride	3.08	84	716	0.43	ppb		98
26) Carbon disulfide	2.72	76	747	0.33	ppb	#	82
27) Methyl t-butyl ether (MtBE	3.46	73	1933	0.36	ppb	#	58
28) Trans-1,2-DCE	3.44	96	316	-0.63	ppb	#	66
29) 3-Methylpentane	3.50	57	383	-0.20	ppb	#	14
30) Hexane	3.64	56	45	2.06	ppb		100

(#) = 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 16 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 13:28:38 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
31) Diisopropyl Ether	4.25	45	817	0.22 ppb	#	85
32) 1,1-DCA	4.07	63	636	0.23 ppb	#	52
33) Vinyl Acetate	4.21	43	543	0.41 ppb	#	77
34) Ethyl tert Butyl Ether	4.78	59	1368	0.28 ppb		93
35) Methylcyclopentane	4.75	56	20	0.10 ppb		100
36) MEK (2-Butanone)	4.98	43	2641	4.99 ppb	#	85
37) Cis-1,2-DCE	4.91	96	719	0.37 ppb	#	64
38) 2,2-Dichloropropane	4.88	77	1349	0.38 ppb	#	61
39) Chloroform	5.36	83	741	0.20 ppb		79
40) Bromochloromethane	5.23	130	496	-0.43 ppb	#	74
42) 1,1,1-TCA	5.54	97	1257	0.32 ppb	#	75
43) Cyclohexane	5.57	41	375	0.32 ppb	#	22
44) 1,1-Dichloropropene	5.74	75	630	0.28 ppb	#	37
45) 2,2,4-Trimethylpentane	6.13	57	1141	0.32 ppb	#	36
47) Carbon Tetrachloride	5.73	117	1289	0.36 ppb	#	68
48) Tert Amyl Methyl Ether	6.18	73	1360	0.28 ppb	#	91
49) 1,2-DCA	6.05	62	1047	0.31 ppb	#	81
50) Benzene	5.99	78	2290	0.37 ppb	#	84
51) TCE	6.75	95	606	-0.55 ppb	#	79
52) 2-Pentanone	7.01	43	9248	10.52 ppb		94
54) Bromodichloromethane	7.31	83	707	0.24 ppb		90
55) Methyl Cyclohexane	6.94	83	946	-0.21 ppb	#	70
56) Dibromomethane	7.12	93	450	0.40 ppb	#	72
57) MIBK (methyl isobutyl ket	7.98	43	6119	5.11 ppb	#	93
58) 1-Bromo-2-chloroethane	7.62	144	144	0.35 ppb	#	15
59) 2-Chloroethyl vinyl ether	7.55	43	20	15.83 ppb	#	100
60) Cis-1,3-Dichloropropene	7.79	75	576	0.21 ppb	#	79
61) Toluene	8.12	91	2633	0.34 ppb		80
62) Trans-1,3-Dichloropropene	8.38	75	664	0.24 ppb	#	29
63) 1,1,2-TCA	8.55	83	446	0.37 ppb	#	57
64) 2-Hexanone	8.83	43	3704	4.34 ppb	#	75
67) 1,2-EDB	9.03	107	473	0.30 ppb		100
68) Tetrachloroethene	8.66	164	2575	1.67 ppb	#	81
69) 1-Chlorohexane	9.53	91	487	0.35 ppb		82
70) 1,1,1,2-Tetrachloroethane	9.61	131	588	0.23 ppb		78
71) m&p-Xylene	9.77	106	2405	0.62 ppb		90
72) o-Xylene	10.17	106	1391	0.36 ppb	#	50
73) Styrene	10.18	104	1735	0.27 ppb	#	81
75) 1,3-Dichloropropane	8.72	76	1057	0.44 ppb	#	80
76) Dibromochloromethane	8.93	129	863	0.35 ppb	#	72
77) Chlorobenzene	9.53	112	1915	0.32 ppb		91
78) Ethylbenzene	9.65	91	3451	0.39 ppb		91

(#) = 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 16 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 13:28:38 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
79)	Bromoform	10.35	173	759	0.37	ppb		89
81)	Isopropylbenzene	10.53	105	3669	0.39	ppb		90
82)	1,1,2,2-Tetrachloroethane	10.84	83	842	0.53	ppb	#	56
83)	1,2,3-Trichloropropane	10.88	110	81	-0.27	ppb	#	6
84)	t-1,4-Dichloro-2-Butene	10.91	53	354	1.04	ppb	#	3
85)	Bromobenzene	10.81	156	1060	0.33	ppb		76
86)	n-Propylbenzene	10.94	91	3134	0.33	ppb		99
87)	4-Ethyltoluene	11.06	105	3060	0.34	ppb		92
88)	2-Chlorotoluene	11.02	91	2692	0.36	ppb		99
89)	1,3,5-Trimethylbenzene	11.13	105	2898	0.36	ppb		96
90)	4-Chlorotoluene	11.13	91	2564	0.34	ppb		89
91)	Tert-Butylbenzene	11.45	119	1258	0.27	ppb		87
92)	1,2,4-Trimethylbenzene	11.48	105	2087	0.47	ppb		79
93)	Sec-Butylbenzene	11.66	105	2637	0.31	ppb		97
94)	p-Isopropyltoluene	11.81	119	1811	0.55	ppb	#	62
95)	Benzyl Chloride	11.99	91	585	0.27	ppb	#	89
96)	1,3-DCB	11.76	146	2138	0.40	ppb		89
97)	1,4-DCB	11.85	146	2096	-0.11	ppb	#	61
98)	n-Butylbenzene	12.22	91	1073	1.08	ppb	#	82
99)	1,2-DCB	12.22	146	1746	0.33	ppb	#	84
100)	Hexachloroethane	12.46	117	404	0.14	ppb	#	66
101)	1,2-Dibromo-3-chloropropan	13.06	75	23	0.87	ppb	#	1
102)	1,2,4-Trichlorobenzene	13.81	180	387	2.26	ppb	#	70
103)	Hexachlorobutadiene	13.99	225	620	1.04	ppb	#	64
104)	Naphthalene	14.05	128	951	0.77	ppb	#	69
105)	1,2,3-Trichlorobenzene	14.30	180	393	3.03	ppb	#	70

(#) = qualifier out of range (m) = manual integration

Quantitation Report

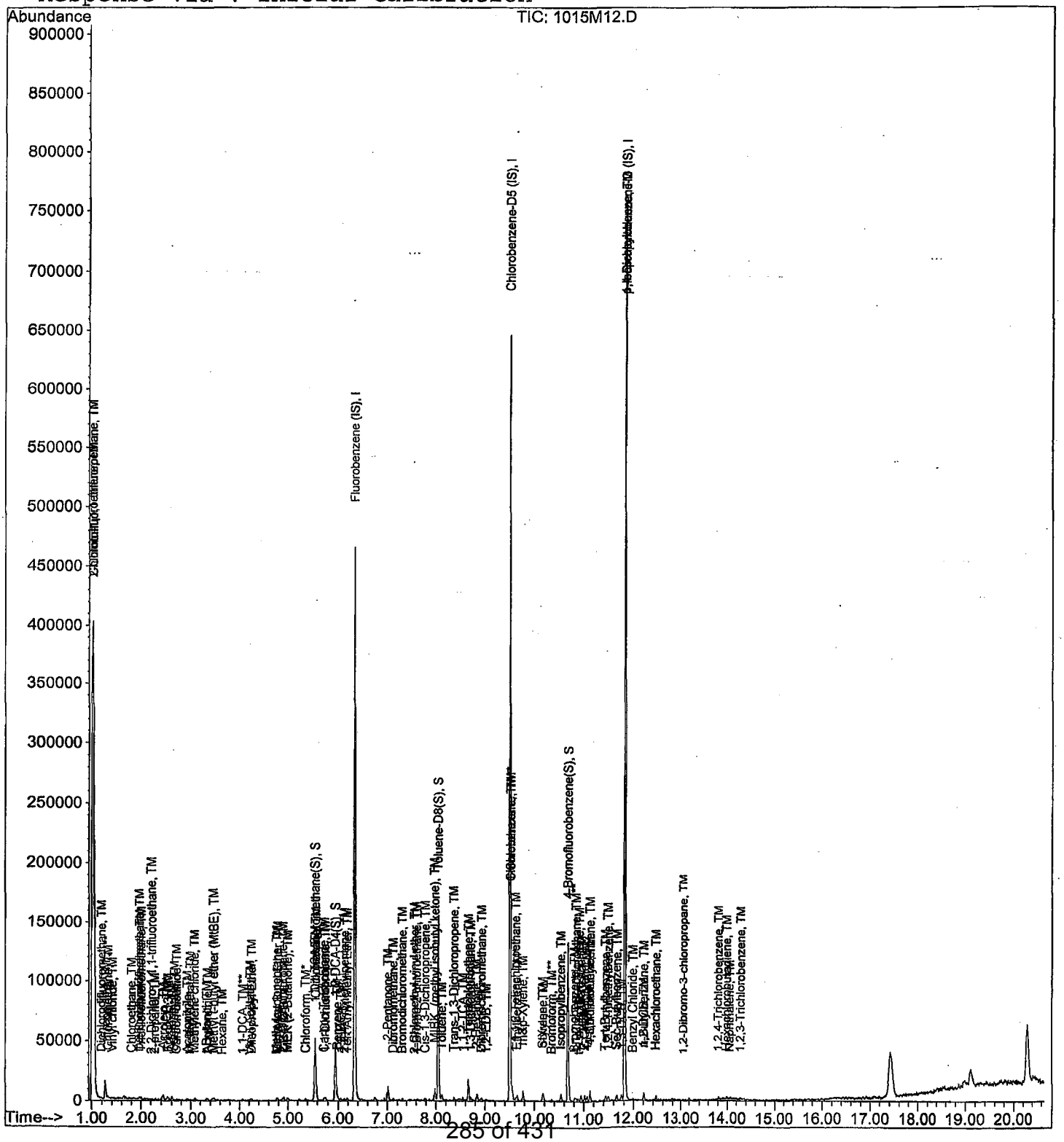
Data File : M:\MAX\DATA\211015\1015M12.D
Acq On : 15 Oct 21 15:12
Sample : 0.3ug/L VOC STD 10/15/21
Misc : IS&S 8/4/21

Vial: 2
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 16 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 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 16 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 13:28:38 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	5.53	ppb		0.00
Spiked Amount 25.000			Recovery = 22.108%				
46) 1,2-DCA-D4(S)	5.95	65	18016	5.53	ppb		0.00
Spiked Amount 25.000			Recovery = 22.116%				
66) Toluene-D8(S)	8.05	98	88728	5.62	ppb		0.00
Spiked Amount 25.000			Recovery = 22.496%				
74) 4-Bromofluorobenzene(S)	10.68	95	32826	4.83	ppb		0.00
Spiked Amount 25.000			Recovery = 19.340%				
Target Compounds							Qvalue
2) Chlorotrifluoroethene	1.02	116	1922	12.35	ppb		94
3) Dichlorodifluoromethane	1.19	85	1197	0.59	ppb		94
4) Freon 114	1.28	85	612	0.36	ppb		83
5) Chloromethane	1.33	50	648	0.31	ppb		91
6) Vinyl chloride	1.42	62	957	0.65	ppb		91
7) 2-Chloro-1,1,1-trifluoroet	1.01	118	2181	50.44	ppb	#	40
8) Bromomethane	1.68	94	790	0.18	ppb		95
9) Chloroethane	1.78	64	763	0.68	ppb	#	70
10) Dichlorofluoromethane	1.97	67	2477	0.74	ppb		87
11) Trichlorofluoromethane	2.00	101	2404	0.63	ppb		83
13) Acrolein	2.44	56	5714	15.34	ppb		85
14) Acetone	2.61	43	4830	10.67	ppb		100
15) Freon-113	2.52	151	1032	0.59	ppb	#	76
16) Acetonitrile	2.93	41	2762	21.81	ppb		95
17) 2-propanol	2.24	45	71	3.78	ppb	#	36
18) 1,2-Dichlorotrifluoroethan	1.97	67	2477	0.74	ppb		100
19) 1,1-DCE	2.51	61	1452	0.63	ppb	#	80
20) t-Butanol	3.34	59	3416	24.57	ppb		100
21) Methyl Acetate	3.00	43	397	0.49	ppb	#	26
22) Iodomethane	2.66	142	992	1.75	ppb	#	91
23) Acrylonitrile	3.45	53	44	0.18	ppb	#	21
24) 2-Methylpentane	2.05	71	22	9.10	ppb		100
25) Methylene chloride	3.08	84	819	0.49	ppb	#	62
26) Carbon disulfide	2.71	76	1214	0.54	ppb	#	76
27) Methyl t-butyl ether (MtBE	3.47	73	3072	0.57	ppb		100
29) 3-Methylpentane	3.46	57	622	0.08	ppb	#	88
31) Diisopropyl Ether	4.25	45	1808	0.49	ppb	#	66

(#) = qualifier out of range (m) = manual integration

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 16 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 13:28:38 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
32)	1,1-DCA	4.05	63	1559	0.57	ppb	#	74
34)	Ethyl tert Butyl Ether	4.77	59	2504	0.51	ppb		99
35)	Methylcyclopentane	4.76	56	337	1.65	ppb		100
36)	MEK (2-Butanone)	4.99	43	5170	9.78	ppb	#	82
37)	Cis-1,2-DCE	4.91	96	1244	0.65	ppb	#	59
38)	2,2-Dichloropropane	4.89	77	1878	0.53	ppb		98
39)	Chloroform	5.37	83	1603	0.43	ppb		89
40)	Bromochloromethane	5.22	130	730	-0.26	ppb	#	78
42)	1,1,1-TCA	5.55	97	1922	0.49	ppb	#	85
43)	Cyclohexane	5.58	41	660	0.56	ppb	#	25
44)	1,1-Dichloropropene	5.75	75	1253	0.56	ppb	#	53
45)	2,2,4-Trimethylpentane	6.11	57	1327	0.38	ppb		93
47)	Carbon Tetrachloride	5.73	117	1862	0.52	ppb		93
48)	Tert Amyl Methyl Ether	6.18	73	2629	0.55	ppb		93
49)	1,2-DCA	6.04	62	1754	0.51	ppb	#	90
50)	Benzene	5.99	78	3585	0.57	ppb	#	79
51)	TCE	6.75	95	1383	-0.12	ppb	#	62
52)	2-Pentanone	7.01	43	22294	25.38	ppb		99
53)	1,2-Dichloropropane	7.00	63	433	0.34	ppb	#	78
54)	Bromodichloromethane	7.31	83	1703	0.58	ppb		76
55)	Methyl Cyclohexane	6.94	83	1104	-0.14	ppb		89
56)	Dibromomethane	7.13	93	651	0.58	ppb	#	59
57)	MIBK (methyl isobutyl ket	7.98	43	10443	8.74	ppb	#	85
58)	1-Bromo-2-chloroethane	7.63	144	69	0.17	ppb	#	15
59)	2-Chloroethyl vinyl ether	7.72	43	20	15.85	ppb	#	100
60)	Cis-1,3-Dichloropropene	7.79	75	1364	0.50	ppb	#	83
61)	Toluene	8.12	91	3810	0.50	ppb		85
62)	Trans-1,3-Dichloropropene	8.37	75	1104	0.39	ppb	#	67
63)	1,1,2-TCA	8.55	83	763	0.63	ppb	#	68
64)	2-Hexanone	8.83	43	6286	7.37	ppb	#	75
67)	1,2-EDB	9.03	107	1108	0.71	ppb	#	61
68)	Tetrachloroethene	8.66	164	2429	1.59	ppb	#	78
69)	1-Chlorohexane	9.53	91	621	0.45	ppb		86
70)	1,1,1,2-Tetrachloroethane	9.62	131	1274	0.50	ppb		97
71)	m&p-Xylene	9.77	106	3509	0.92	ppb		76
72)	o-Xylene	10.16	106	2198	0.57	ppb		64
73)	Styrene	10.18	104	2988	0.47	ppb		87
75)	1,3-Dichloropropane	8.72	76	1283	0.54	ppb		100
76)	Dibromochloromethane	8.94	129	1320	0.55	ppb		87
77)	Chlorobenzene	9.53	112	2829	0.48	ppb	#	87
78)	Ethylbenzene	9.65	91	4309	0.49	ppb		97
79)	Bromoform	10.35	173	870	0.43	ppb		86

(#) = 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 16 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 13:28:38 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
81)	Isopropylbenzene	10.53	105	5427	0.56	ppb		97
82)	1,1,2,2-Tetrachloroethane	10.84	83	1084	0.67	ppb	#	62
83)	1,2,3-Trichloropropane	10.88	110	484	0.27	ppb	#	79
84)	t-1,4-Dichloro-2-Butene	10.91	53	123	0.57	ppb	#	3
85)	Bromobenzene	10.82	156	1801	0.55	ppb		93
86)	n-Propylbenzene	10.95	91	5177	0.54	ppb		100
87)	4-Ethyltoluene	11.06	105	4366	0.48	ppb	#	82
88)	2-Chlorotoluene	11.02	91	4485	0.60	ppb		89
89)	1,3,5-Trimethylbenzene	11.12	105	4437	0.54	ppb		86
90)	4-Chlorotoluene	11.12	91	4154	0.55	ppb		95
91)	Tert-Butylbenzene	11.45	119	2149	0.46	ppb		95
92)	1,2,4-Trimethylbenzene	11.49	105	4168	0.72	ppb		83
93)	Sec-Butylbenzene	11.66	105	4041	0.47	ppb		91
94)	p-Isopropyltoluene	11.81	119	3658	0.74	ppb		95
95)	Benzyl Chloride	12.00	91	1230	0.56	ppb	#	84
96)	1,3-DCB	11.76	146	2804	0.52	ppb	#	85
97)	1,4-DCB	11.85	146	3177	0.09	ppb		93
98)	n-Butylbenzene	12.21	91	2133	1.25	ppb		87
99)	1,2-DCB	12.21	146	2822	0.53	ppb	#	84
100)	Hexachloroethane	12.45	117	701	0.35	ppb	#	51
101)	1,2-Dibromo-3-chloropropan	12.99	75	129	1.10	ppb	#	1
102)	1,2,4-Trichlorobenzene	13.82	180	530	2.32	ppb	#	45
103)	Hexachlorobutadiene	13.99	225	742	1.09	ppb	#	82
104)	Naphthalene	14.05	128	1234	0.86	ppb	#	69
105)	1,2,3-Trichlorobenzene	14.30	180	460	3.05	ppb	#	69

(#) = qualifier out of range (m) = manual integration

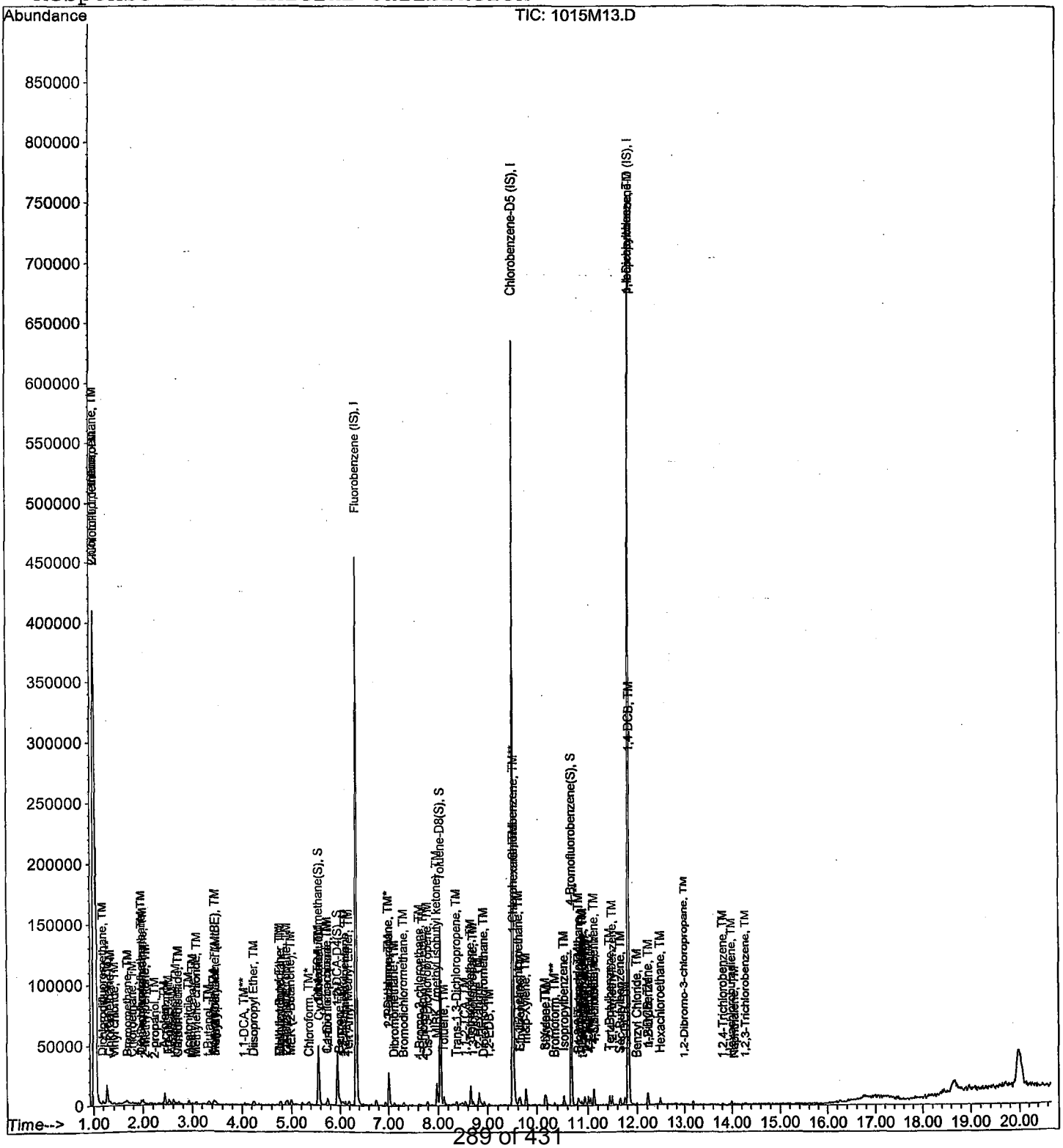
Quantitation Report

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 16 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 16 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 13:28:38 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	10.05	ppb		0.00
Spiked Amount 25.000			Recovery = 40.216%				
46) 1,2-DCA-D4(S)	5.95	65	33328	10.29	ppb		0.00
Spiked Amount 25.000			Recovery = 41.144%				
66) Toluene-D8(S)	8.05	98	157547	9.78	ppb		0.00
Spiked Amount 25.000			Recovery = 39.116%				
74) 4-Bromofluorobenzene(S)	10.68	95	61144	8.82	ppb		0.00
Spiked Amount 25.000			Recovery = 35.276%				
Target Compounds							Qvalue
2) Chlorotrifluoroethene	1.01	116	1602	10.35	ppb	#	12
3) Dichlorodifluoromethane	1.19	85	2543	1.27	ppb		91
4) Freon 114	1.29	85	1368	0.81	ppb		78
5) Chloromethane	1.33	50	1636	1.13	ppb		90
6) Vinyl chloride	1.42	62	1546	1.05	ppb	#	78
7) 2-Chloro-1,1,1-trifluoroet	1.01	118	2765	64.30	ppb	#	65
8) Bromomethane	1.68	94	1565	0.99	ppb		84
9) Chloroethane	1.78	64	2493	2.43	ppb		94
10) Dichlorofluoromethane	1.97	67	4092	1.22	ppb	#	80
11) Trichlorofluoromethane	2.00	101	4558	1.21	ppb		84
12) 2,2-Dichloro-1,1,1-trifluo	2.40	85	21	17.46	ppb		100
13) Acrolein	2.43	56	10691	28.86	ppb		94
14) Acetone	2.61	43	10882	24.17	ppb		89
15) Freon-113	2.53	151	2046	1.17	ppb	#	88
16) Acetonitrile	2.92	41	5855	46.50	ppb	#	94
17) 2-propanol	2.26	45	136	7.29	ppb	#	83
18) 1,2-Dichlorotrifluoroethan	1.97	67	4092	1.22	ppb		100
19) 1,1-DCE	2.51	61	2994	1.31	ppb	#	89
20) t-Butanol	3.34	59	7682	57.57	ppb		98
21) Methyl Acetate	3.00	43	760	0.94	ppb		87
22) Iodomethane	2.66	142	1392	1.97	ppb	#	86
23) Acrylonitrile	3.43	53	471	1.12	ppb	#	42
25) Methylene chloride	3.08	84	1772	1.07	ppb		86
26) Carbon disulfide	2.72	76	2194	0.99	ppb	#	87
27) Methyl t-butyl ether (MtBE	3.47	73	6302	1.18	ppb		98
28) Trans-1,2-DCE	3.43	96	1741	0.31	ppb		80
29) 3-Methylpentane	3.34	57	1128	0.68	ppb	#	72

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M14.D
Acq On : 15 Oct 21 16:09
Sample : 1ug/L VOC STD 10/15/21
Misc : IS&S 8/4/21

Vial: 4
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 16 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 13:28:38 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
31)	Diisopropyl Ether	4.25	45	3947	1.07 ppb	#	82
32)	1,1-DCA	4.05	63	3272	1.19 ppb	#	79
34)	Ethyl tert Butyl Ether	4.78	59	4498	0.93 ppb	#	61
35)	Methylcyclopentane	4.77	56	269	1.32 ppb		100
36)	MEK (2-Butanone)	4.99	43	11464	21.80 ppb		86
37)	Cis-1,2-DCE	4.92	96	2282	1.19 ppb		75
38)	2,2-Dichloropropane	4.90	77	3468	0.98 ppb	#	85
39)	Chloroform	5.36	83	3948	1.05 ppb		89
40)	Bromochloromethane	5.23	130	1469	0.28 ppb	#	84
42)	1,1,1-TCA	5.54	97	4273	1.09 ppb	#	84
43)	Cyclohexane	5.59	41	1433	1.22 ppb	#	68
44)	1,1-Dichloropropene	5.74	75	2385	1.08 ppb		94
45)	2,2,4-Trimethylpentane	6.11	57	3345	0.96 ppb	#	69
47)	Carbon Tetrachloride	5.73	117	4212	1.19 ppb		82
48)	Tert Amyl Methyl Ether	6.18	73	4217	0.88 ppb	#	95
49)	1,2-DCA	6.04	62	3756	1.10 ppb	#	81
50)	Benzene	6.00	78	6941	1.11 ppb	#	82
51)	TCE	6.75	95	2471	0.48 ppb		89
52)	2-Pentanone	7.01	43	44308	50.73 ppb		100
53)	1,2-Dichloropropane	7.00	63	811	0.93 ppb	#	45
54)	Bromodichloromethane	7.31	83	2624	0.90 ppb		95
55)	Methyl Cyclohexane	6.94	83	2273	0.38 ppb		76
56)	Dibromomethane	7.12	93	1650	1.48 ppb	#	63
57)	MIBK (methyl isobutyl ket	7.98	43	22869	19.25 ppb		94
58)	1-Bromo-2-chloroethane	7.63	144	263	0.64 ppb	#	15
59)	2-Chloroethyl vinyl ether	7.56	43	22	17.53 ppb	#	100
60)	Cis-1,3-Dichloropropene	7.79	75	2697	0.99 ppb		94
61)	Toluene	8.12	91	7543	0.99 ppb		88
62)	Trans-1,3-Dichloropropene	8.37	75	2660	0.95 ppb		96
63)	1,1,2-TCA	8.56	83	1005	0.84 ppb		84
64)	2-Hexanone	8.83	43	15739	18.57 ppb		97
67)	1,2-EDB	9.03	107	1731	1.09 ppb		84
68)	Tetrachloroethene	8.66	164	3240	2.08 ppb		85
69)	1-Chlorohexane	9.53	91	1541	1.09 ppb		96
70)	1,1,1,2-Tetrachloroethane	9.62	131	2346	0.90 ppb		78
71)	m&p-Xylene	9.77	106	7601	1.95 ppb		79
72)	o-Xylene	10.16	106	4468	1.13 ppb	#	50
73)	Styrene	10.18	104	5452	0.84 ppb		97
75)	1,3-Dichloropropane	8.72	76	2708	1.11 ppb	#	79
76)	Dibromochloromethane	8.93	129	2732	1.11 ppb		84
77)	Chlorobenzene	9.52	112	5459	0.91 ppb		89
78)	Ethylbenzene	9.65	91	9241	1.02 ppb		98

(#) = 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 16 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 13:28:38 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
79)	Bromoform	10.35	173	2258	1.10	ppb		98
81)	Isopropylbenzene	10.53	105	9854	1.03	ppb		90
82)	1,1,2,2-Tetrachloroethane	10.84	83	1852	1.16	ppb	#	71
83)	1,2,3-Trichloropropane	10.88	110	827	0.74	ppb		84
84)	t-1,4-Dichloro-2-Butene	10.89	53	653	1.64	ppb	#	37
85)	Bromobenzene	10.81	156	3021	0.93	ppb		97
86)	n-Propylbenzene	10.94	91	9945	1.04	ppb		98
87)	4-Ethyltoluene	11.06	105	8835	0.99	ppb	#	81
88)	2-Chlorotoluene	11.01	91	8170	1.10	ppb		86
89)	1,3,5-Trimethylbenzene	11.13	105	8296	1.01	ppb	#	76
90)	4-Chlorotoluene	11.13	91	7339	0.98	ppb		93
91)	Tert-Butylbenzene	11.44	119	4541	0.98	ppb		91
92)	1,2,4-Trimethylbenzene	11.49	105	7027	1.07	ppb		97
93)	Sec-Butylbenzene	11.66	105	8022	0.93	ppb		99
94)	p-Isopropyltoluene	11.81	119	7761	1.20	ppb		94
95)	Benzyl Chloride	11.99	91	2323	1.07	ppb		92
96)	1,3-DCB	11.76	146	4981	0.93	ppb		94
97)	1,4-DCB	11.84	146	6117	0.68	ppb		86
98)	n-Butylbenzene	12.21	91	3532	1.48	ppb		84
99)	1,2-DCB	12.21	146	5227	0.99	ppb		95
100)	Hexachloroethane	12.46	117	1794	1.13	ppb		73
101)	1,2-Dibromo-3-chloropropan	13.00	75	278	1.43	ppb	#	59
102)	1,2,4-Trichlorobenzene	13.81	180	936	2.49	ppb		88
103)	Hexachlorobutadiene	13.98	225	1596	1.44	ppb		91
104)	Naphthalene	14.06	128	1951	1.11	ppb	#	92
105)	1,2,3-Trichlorobenzene	14.29	180	1103	3.26	ppb	#	74

(#) = qualifier out of range (m) = manual integration

Quantitation Report

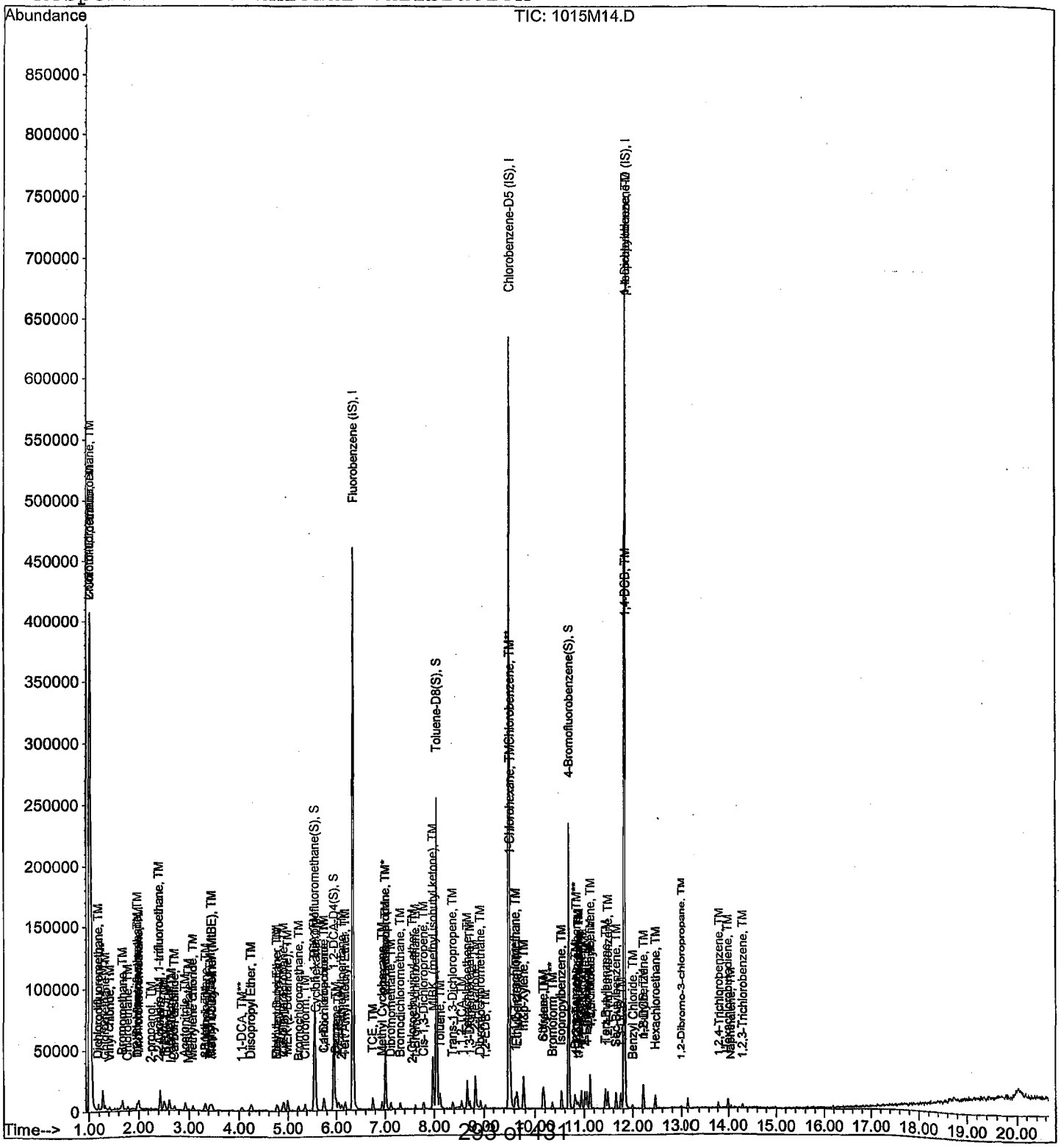
Data File : M:\MAX\DATA\211015\1015M14.D
Acq On : 15 Oct 21 16:09
Sample : 1ug/L VOC STD 10/15/21
Misc : IS&S 8/4/21

Vial: 4
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 16 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 16 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 13:28:38 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	9.73	ppb		0.00
Spiked Amount 25.000			Recovery =	38.932%			
46) 1,2-DCA-D4(S)	5.95	65	32664	10.00	ppb		0.00
Spiked Amount 25.000			Recovery =	40.008%			
66) Toluene-D8(S)	8.05	98	156127	9.79	ppb		0.00
Spiked Amount 25.000			Recovery =	39.144%			
74) 4-Bromofluorobenzene(S)	10.68	95	61174	8.91	ppb		0.00
Spiked Amount 25.000			Recovery =	35.640%			
Target Compounds							Qvalue
2) Chlorotrifluoroethene	1.02	116	2218	14.22	ppb	#	51
3) Dichlorodifluoromethane	1.18	85	4500	2.23	ppb		98
4) Freon 114	1.29	85	2873	1.69	ppb		80
5) Chloromethane	1.33	50	2712	2.00	ppb	#	86
6) Vinyl chloride	1.42	62	3230	2.18	ppb		92
7) 2-Chloro-1,1,1-trifluoroet	1.02	118	1945	44.88	ppb	#	38
8) Bromomethane	1.68	94	2697	2.14	ppb		95
9) Chloroethane	1.78	64	1755	1.67	ppb	#	67
10) Dichlorofluoromethane	1.97	67	6925	2.05	ppb		94
11) Trichlorofluoromethane	2.00	101	9973	2.63	ppb		98
13) Acrolein	2.43	56	18305	49.03	ppb		98
14) Acetone	2.61	43	15819	34.86	ppb		94
15) Freon-113	2.52	151	3875	2.20	ppb	#	85
16) Acetonitrile	2.93	41	8400	66.18	ppb		96
17) 2-propanol	2.25	45	148	7.87	ppb	#	55
18) 1,2-Dichlorotrifluoroethan	1.97	67	6925	2.05	ppb		100
19) 1,1-DCE	2.51	61	5750	2.49	ppb		90
20) t-Butanol	3.34	59	12116	82.21	ppb		99
21) Methyl Acetate	2.99	43	1802	2.21	ppb		91
22) Iodomethane	2.66	142	2280	2.44	ppb	#	85
23) Acrylonitrile	3.43	53	760	1.75	ppb		96
24) 2-Methylpentane	2.29	71	46	18.97	ppb		100
25) Methylene chloride	3.08	84	3477	2.07	ppb		93
26) Carbon disulfide	2.71	76	5106	2.28	ppb		97
27) Methyl t-butyl ether (MtBE	3.46	73	11162	2.07	ppb	#	87
28) Trans-1,2-DCE	3.43	96	3660	1.56	ppb		86
29) 3-Methylpentane	3.47	57	2566	2.34	ppb	#	92

(#) = 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 16 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 13:28:38 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
31)	Diisopropyl Ether	4.25	45	7913	2.12	ppb	#	71
32)	1,1-DCA	4.06	63	5912	2.14	ppb	#	91
34)	Ethyl tert Butyl Ether	4.77	59	9568	1.96	ppb		91
35)	Methylcyclopentane	4.78	56	494	2.41	ppb		100
36)	MEK (2-Butanone)	4.99	43	16761	31.63	ppb	#	85
37)	Cis-1,2-DCE	4.91	96	3543	1.84	ppb		76
38)	2,2-Dichloropropane	4.89	77	6978	1.95	ppb		98
39)	Chloroform	5.36	83	7578	2.00	ppb		97
40)	Bromochloromethane	5.22	130	3743	1.92	ppb	#	79
42)	1,1,1-TCA	5.54	97	9181	2.32	ppb		92
43)	Cyclohexane	5.59	41	2567	2.16	ppb		93
44)	1,1-Dichloropropene	5.75	75	4670	2.10	ppb		98
45)	2,2,4-Trimethylpentane	6.11	57	7204	2.04	ppb	#	50
47)	Carbon Tetrachloride	5.73	117	8319	2.33	ppb		82
48)	Tert Amyl Methyl Ether	6.18	73	9116	1.89	ppb	#	93
49)	1,2-DCA	6.04	62	7832	2.28	ppb	#	87
50)	Benzene	5.99	78	13478	2.15	ppb		94
51)	TCE	6.75	95	4321	1.48	ppb		92
52)	2-Pentanone	7.01	43	68287	77.56	ppb		94
53)	1,2-Dichloropropane	7.01	63	1147	1.43	ppb	#	78
54)	Bromodichloromethane	7.31	83	6459	2.21	ppb		94
55)	Methyl Cyclohexane	6.94	83	5097	1.61	ppb		97
56)	Dibromomethane	7.12	93	2762	2.46	ppb	#	77
57)	MIBK (methyl isobutyl ket	7.98	43	36816	30.74	ppb		97
58)	1-Bromo-2-chloroethane	7.63	144	737	1.77	ppb		75
59)	2-Chloroethyl vinyl ether	7.81	43	19	15.02	ppb	#	100
60)	Cis-1,3-Dichloropropene	7.79	75	6027	2.19	ppb		91
61)	Toluene	8.12	91	15184	1.97	ppb		85
62)	Trans-1,3-Dichloropropene	8.38	75	5713	2.03	ppb		86
63)	1,1,2-TCA	8.54	83	2414	1.99	ppb		93
64)	2-Hexanone	8.83	43	24259	28.40	ppb		97
67)	1,2-EDB	9.03	107	3866	2.45	ppb		83
68)	Tetrachloroethene	8.66	164	4952	3.20	ppb	#	80
69)	1-Chlorohexane	9.53	91	2721	1.95	ppb	#	79
70)	1,1,1,2-Tetrachloroethane	9.62	131	5242	2.02	ppb		90
71)	m&p-Xylene	9.77	106	15266	3.95	ppb		88
72)	o-Xylene	10.16	106	7227	1.84	ppb		97
73)	Styrene	10.18	104	12118	1.89	ppb		99
75)	1,3-Dichloropropane	8.71	76	5024	2.07	ppb		90
76)	Dibromochloromethane	8.93	129	5242	2.15	ppb		94
77)	Chlorobenzene	9.53	112	12976	2.19	ppb		90
78)	Ethylbenzene	9.65	91	18350	2.05	ppb		96

(#) = 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 16 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 13:28:38 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
79)	Bromoform	10.35	173	4619	2.28	ppb		87
81)	Isopropylbenzene	10.53	105	18752	1.93	ppb		92
82)	1,1,2,2-Tetrachloroethane	10.84	83	3694	2.26	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	2.32	ppb		98
85)	Bromobenzene	10.81	156	7210	2.17	ppb		90
86)	n-Propylbenzene	10.94	91	19095	1.96	ppb		99
87)	4-Ethyltoluene	11.06	105	18983	2.08	ppb		92
88)	2-Chlorotoluene	11.02	91	16161	2.13	ppb		90
89)	1,3,5-Trimethylbenzene	11.12	105	15423	1.85	ppb		93
90)	4-Chlorotoluene	11.13	91	16663	2.18	ppb		98
91)	Tert-Butylbenzene	11.44	119	8790	1.86	ppb		92
92)	1,2,4-Trimethylbenzene	11.49	105	16313	2.15	ppb		86
93)	Sec-Butylbenzene	11.66	105	18809	2.14	ppb		99
94)	p-Isopropyltoluene	11.81	119	16115	2.08	ppb		90
95)	Benzyl Chloride	12.00	91	4701	2.12	ppb		96
96)	1,3-DCB	11.75	146	10728	1.97	ppb	#	93
97)	1,4-DCB	11.84	146	10390	1.48	ppb	#	80
98)	n-Butylbenzene	12.22	91	8810	2.32	ppb		94
99)	1,2-DCB	12.21	146	11528	2.15	ppb		96
100)	Hexachloroethane	12.45	117	3280	2.14	ppb		90
101)	1,2-Dibromo-3-chloropropan	13.00	75	716	2.35	ppb	#	72
102)	1,2,4-Trichlorobenzene	13.81	180	2131	2.97	ppb	#	84
103)	Hexachlorobutadiene	13.99	225	3819	2.33	ppb		82
104)	Naphthalene	14.05	128	4009	1.77	ppb	#	88
105)	1,2,3-Trichlorobenzene	14.29	180	2322	3.64	ppb		94

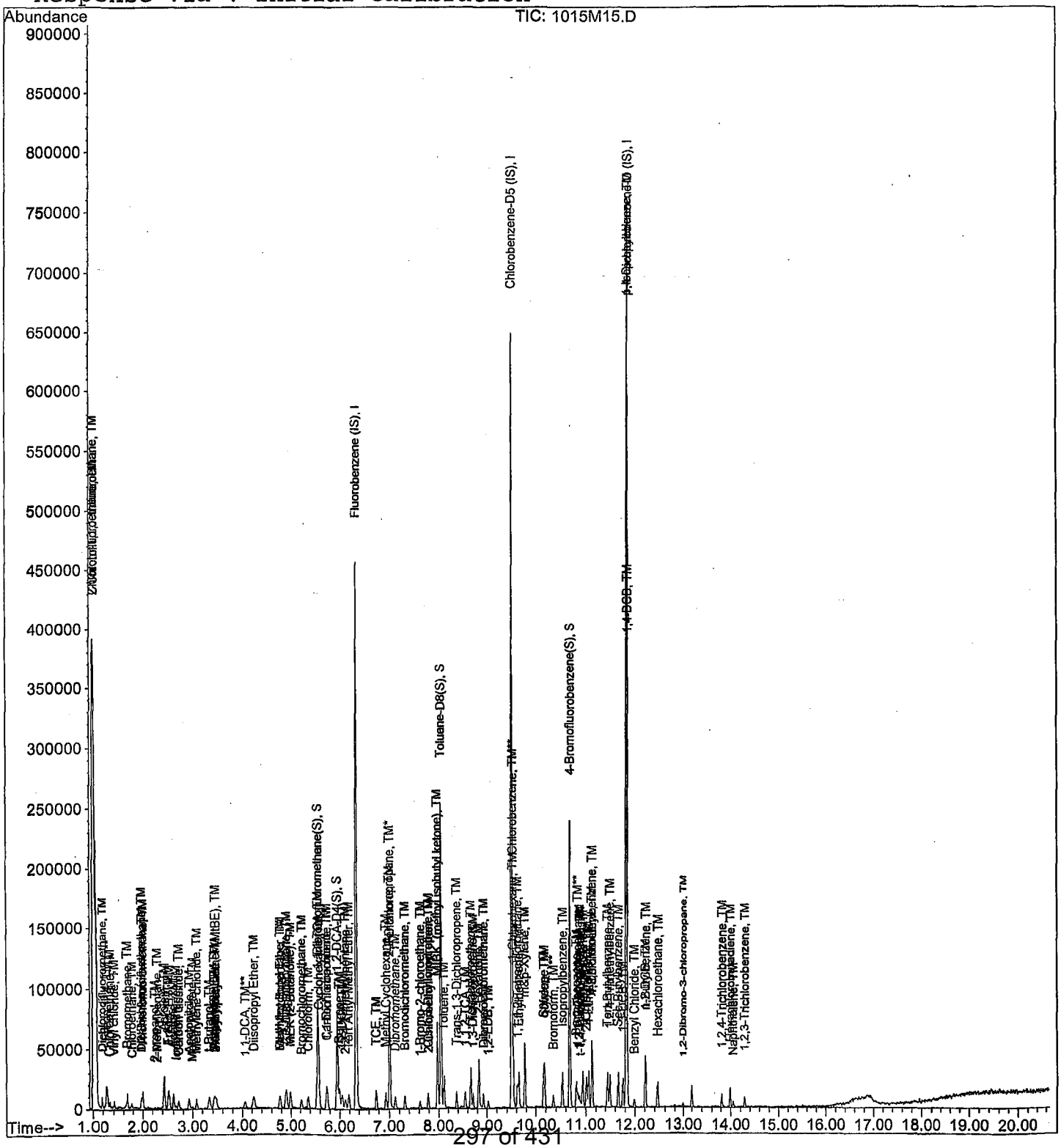
(#) = qualifier out of range (m) = manual integration

Quantitation Report

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 16 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 16 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 13:28:38 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	25.21	ppb		0.00
Spiked Amount 25.000			Recovery =	100.844%			
46) 1,2-DCA-D4(S)	5.95	65	84056	26.42	ppb		0.00
Spiked Amount 25.000			Recovery =	105.700%			
66) Toluene-D8(S)	8.05	98	389321	24.94	ppb		0.00
Spiked Amount 25.000			Recovery =	99.748%			
74) 4-Bromofluorobenzene(S)	10.68	95	156913	23.35	ppb		0.00
Spiked Amount 25.000			Recovery =	93.416%			
Target Compounds							Qvalue
2) Chlorotrifluoroethene	1.02	116	1951	12.84	ppb		92
3) Dichlorodifluoromethane	1.18	85	13541	6.89	ppb		91
4) Freon 114	1.29	85	6948	4.20	ppb		87
5) Chloromethane	1.33	50	7282	5.89	ppb	#	83
6) Vinyl chloride	1.42	62	8698	6.04	ppb		97
7) 2-Chloro-1,1,1-trifluoroet	1.01	118	2807	66.49	ppb	#	56
8) Bromomethane	1.68	94	7347	7.13	ppb		89
9) Chloroethane	1.77	64	5473	5.54	ppb		90
10) Dichlorofluoromethane	1.97	67	17069	5.20	ppb		93
11) Trichlorofluoromethane	2.00	101	23038	6.23	ppb		98
13) Acrolein	2.43	56	21061	57.91	ppb		97
14) Acetone	2.61	43	19225	43.50	ppb		100
15) Freon-113	2.53	151	8907	5.20	ppb		89
16) Acetonitrile	2.92	41	11772	95.23	ppb		97
17) 2-propanol	2.26	45	534	29.16	ppb	#	83
18) 1,2-Dichlorotrifluoroethan	1.97	67	17069	5.20	ppb		100
19) 1,1-DCE	2.51	61	13232	5.88	ppb		96
20) t-Butanol	3.34	59	16999	106.77	ppb		95
21) Methyl Acetate	2.99	43	3806	4.78	ppb		89
22) Iodomethane	2.66	142	7587	5.42	ppb		98
23) Acrylonitrile	3.43	53	2612	5.94	ppb		91
25) Methylene chloride	3.08	84	8233	5.04	ppb		88
26) Carbon disulfide	2.72	76	10258	4.71	ppb		98
27) Methyl t-butyl ether (MtBE	3.47	73	28794	5.49	ppb		96
28) Trans-1,2-DCE	3.43	96	9294	5.40	ppb		89
29) 3-Methylpentane	3.46	57	5115	5.47	ppb		91
30) Hexane	3.72	56	213	10.02	ppb	#	100

(#) = 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 16 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 13:28:38 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
31)	Diisopropyl Ether	4.25	45	19726	5.43	ppb		92
32)	1,1-DCA	4.05	63	14219	5.28	ppb	#	85
33)	Vinyl Acetate	4.16	43	159	0.12	ppb	#	77
34)	Ethyl tert Butyl Ether	4.77	59	24023	5.05	ppb		89
35)	Methylcyclopentane	4.77	56	1134	5.67	ppb		100
36)	MEK (2-Butanone)	4.99	43	20148	39.03	ppb		88
37)	Cis-1,2-DCE	4.91	96	10198	5.44	ppb		96
38)	2,2-Dichloropropane	4.89	77	17894	5.13	ppb		98
39)	Chloroform	5.37	83	19904	5.41	ppb		99
40)	Bromochloromethane	5.22	130	8478	5.52	ppb	#	83
42)	1,1,1-TCA	5.54	97	22632	5.88	ppb		93
43)	Cyclohexane	5.58	41	6390	5.53	ppb		76
44)	1,1-Dichloropropene	5.75	75	12969	5.98	ppb		85
45)	2,2,4-Trimethylpentane	6.11	57	14248	4.15	ppb		87
47)	Carbon Tetrachloride	5.73	117	21221	6.09	ppb		90
48)	Tert Amyl Methyl Ether	6.18	73	23576	5.01	ppb		98
49)	1,2-DCA	6.04	62	18340	5.49	ppb		98
50)	Benzene	5.99	78	33663	5.51	ppb		98
51)	TCE	6.75	95	9650	4.55	ppb	#	77
52)	2-Pentanone	7.01	43	86889	101.33	ppb		97
53)	1,2-Dichloropropane	7.00	63	3245	4.78	ppb	#	92
54)	Bromodichloromethane	7.31	83	17085	5.99	ppb		90
55)	Methyl Cyclohexane	6.94	83	11773	4.68	ppb		91
56)	Dibromomethane	7.12	93	6546	5.99	ppb		88
57)	MIBK (methyl isobutyl ket	7.98	43	43474	37.27	ppb		98
58)	1-Bromo-2-chloroethane	7.62	144	2479	6.12	ppb		78
59)	2-Chloroethyl vinyl ether	7.61	43	20	16.23	ppb	#	100
60)	Cis-1,3-Dichloropropene	7.79	75	14773	5.52	ppb		90
61)	Toluene	8.12	91	39874	5.31	ppb		96
62)	Trans-1,3-Dichloropropene	8.37	75	14624	5.33	ppb		99
63)	1,1,2-TCA	8.55	83	5668	4.81	ppb		89
64)	2-Hexanone	8.83	43	28901	34.73	ppb	#	97
67)	1,2-EDB	9.03	107	9212	5.97	ppb		93
68)	Tetrachloroethene	8.66	164	9368	6.20	ppb		96
69)	1-Chlorohexane	9.53	91	7028	5.15	ppb		83
70)	1,1,1,2-Tetrachloroethane	9.62	131	14631	5.77	ppb		92
71)	m&p-Xylene	9.77	106	40521	10.70	ppb		97
72)	o-Xylene	10.16	106	19748	5.15	ppb		89
73)	Styrene	10.18	104	31878	5.09	ppb		98
75)	1,3-Dichloropropane	8.71	76	13752	5.80	ppb		98
76)	Dibromochloromethane	8.93	129	13298	5.58	ppb		89
77)	Chlorobenzene	9.53	112	30958	5.33	ppb		96

(#) = 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 16 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 13:28:38 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
78)	Ethylbenzene	9.65	91	49016	5.60	ppb		98
79)	Bromoform	10.35	173	10773	5.43	ppb		98
81)	Isopropylbenzene	10.53	105	53902	5.30	ppb		98
82)	1,1,2,2-Tetrachloroethane	10.84	83	8866	5.20	ppb	#	85
83)	1,2,3-Trichloropropane	10.88	110	4864	5.78	ppb	#	73
84)	t-1,4-Dichloro-2-Butene	10.91	53	2090	4.29	ppb		84
85)	Bromobenzene	10.81	156	17611	5.08	ppb		88
86)	n-Propylbenzene	10.94	91	52829	5.19	ppb		95
87)	4-Ethyltoluene	11.06	105	48078	5.06	ppb		92
88)	2-Chlorotoluene	11.01	91	41952	5.29	ppb		89
89)	1,3,5-Trimethylbenzene	11.12	105	46678	5.36	ppb		97
90)	4-Chlorotoluene	11.13	91	41644	5.22	ppb		99
91)	Tert-Butylbenzene	11.44	119	26648	5.40	ppb		93
92)	1,2,4-Trimethylbenzene	11.49	105	45050	5.34	ppb		99
93)	Sec-Butylbenzene	11.66	105	49880	5.44	ppb		98
94)	p-Isopropyltoluene	11.81	119	48782	5.36	ppb		99
95)	Benzyl Chloride	11.99	91	10073	4.36	ppb	#	96
96)	1,3-DCB	11.75	146	31609	5.56	ppb		95
97)	1,4-DCB	11.85	146	29696	4.96	ppb		95
98)	n-Butylbenzene	12.22	91	26294	4.95	ppb		97
99)	1,2-DCB	12.21	146	30601	5.46	ppb		87
100)	Hexachloroethane	12.46	117	7449	4.82	ppb		86
101)	1,2-Dibromo-3-chloropropan	12.99	75	2238	5.40	ppb		84
102)	1,2,4-Trichlorobenzene	13.81	180	7399	4.97	ppb		85
103)	Hexachlorobutadiene	13.99	225	10435	4.84	ppb		92
104)	Naphthalene	14.06	128	14154	4.85	ppb		95
105)	1,2,3-Trichlorobenzene	14.29	180	9443	5.76	ppb		82

(#) = qualifier out of range (m) = manual integration

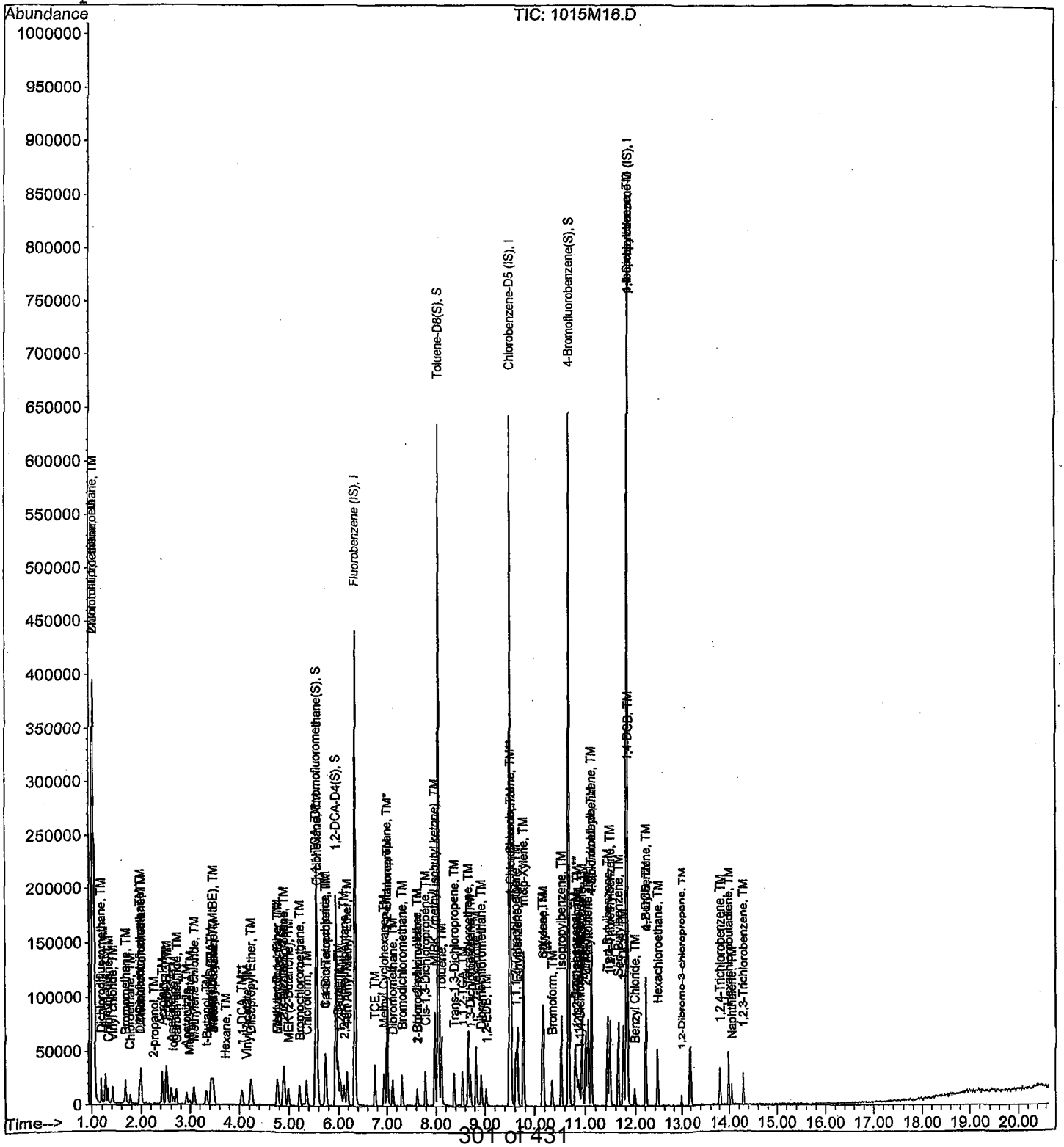
Quantitation Report

Data File : M:\MAX\DATA\211015\1015M16.D
Acq On : 15 Oct 21 17:06
Sample : 5ug/L VOC STD 10/15/21
Misc : IS&S 8/4/21

Vial: 6
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 16 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 16 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 13:28:38 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	25.95	ppb	0.00
Spiked Amount 25.000			Recovery =	103.780%		
46) 1,2-DCA-D4(S)	5.95	65	79312	25.60	ppb	0.00
Spiked Amount 25.000			Recovery =	102.392%		
66) Toluene-D8(S)	8.05	98	392721	25.00	ppb	0.00
Spiked Amount 25.000			Recovery =	99.988%		
74) 4-Bromofluorobenzene(S)	10.68	95	160324	23.71	ppb	0.00
Spiked Amount 25.000			Recovery =	94.848%		
Target Compounds						Qvalue
2) Chlorotrifluoroethene	1.01	116	1480	10.00	ppb	100
3) Dichlorodifluoromethane	1.19	85	19568	10.22	ppb	100
4) Freon 114	1.29	85	10651	6.61	ppb	100
5) Chloromethane	1.33	50	13364	11.30	ppb	100
6) Vinyl chloride	1.42	62	16573	11.82	ppb	100
7) 2-Chloro-1,1,1-trifluoroet	1.01	118	2056	50.00	ppb	100
8) Bromomethane	1.68	94	12882	13.34	ppb	100
9) Chloroethane	1.77	64	11250	11.78	ppb	100
10) Dichlorofluoromethane	1.97	67	36430	11.39	ppb	100
11) Trichlorofluoromethane	2.00	101	43493	12.08	ppb	100
12) 2,2-Dichloro-1,1,1-trifluo	2.29	85	23	20.00	ppb	100
13) Acrolein	2.43	56	26701	75.38	ppb	100
14) Acetone	2.61	43	24111	56.01	ppb	100
15) Freon-113	2.53	151	16125	9.66	ppb	100
16) Acetonitrile	2.92	41	13763	114.30	ppb	100
17) 2-propanol	2.26	45	892	50.00	ppb	100
18) 1,2-Dichlorotrifluoroethan	1.97	67	36430	11.39	ppb	100
19) 1,1-DCE	2.51	61	25329	11.55	ppb	100
20) t-Butanol	3.34	59	19181	118.01	ppb	100
21) Methyl Acetate	3.00	43	8263	10.66	ppb	100
22) Iodomethane	2.66	142	17486	11.16	ppb	100
23) Acrylonitrile	3.43	53	4844	11.24	ppb	100
24) 2-Methylpentane	2.16	71	23	10.00	ppb	100
25) Methylene chloride	3.08	84	17432	10.96	ppb	100
26) Carbon disulfide	2.71	76	20960	9.87	ppb	100
27) Methyl t-butyl ether (MtBE	3.47	73	57116	11.18	ppb	100
28) Trans-1,2-DCE	3.43	96	17741	11.38	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 16 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 13:28:38 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29)	3-Methylpentane	3.46	57	10024	11.67	ppb		100
30)	Hexane	3.72	56	414	20.00	ppb		100
31)	Diisopropyl Ether	4.24	45	37208	10.51	ppb		100
32)	1,1-DCA	4.05	63	28067	10.71	ppb		100
34)	Ethyl tert Butyl Ether	4.77	59	46096	9.95	ppb		100
35)	Methylcyclopentane	4.77	56	1948	10.00	ppb		100
36)	MEK (2-Butanone)	4.99	43	26957	53.62	ppb		100
37)	Cis-1,2-DCE	4.91	96	20531	11.24	ppb		100
38)	2,2-Dichloropropane	4.89	77	37047	10.91	ppb		100
39)	Chloroform	5.36	83	41151	11.48	ppb		100
40)	Bromochloromethane	5.22	130	15934	11.39	ppb		100
42)	1,1,1-TCA	5.55	97	43737	11.67	ppb		100
43)	Cyclohexane	5.58	41	10585	9.41	ppb		100
44)	1,1-Dichloropropene	5.75	75	23149	10.97	ppb		100
45)	2,2,4-Trimethylpentane	6.12	57	25327	7.58	ppb		100
47)	Carbon Tetrachloride	5.73	117	40318	11.88	ppb		100
48)	Tert Amyl Methyl Ether	6.18	73	47074	10.27	ppb		100
49)	1,2-DCA	6.04	62	36487	11.21	ppb		100
50)	Benzene	5.99	78	67135	11.28	ppb		100
51)	TCE	6.75	95	21853	11.75	ppb		100
52)	2-Pentanone	7.01	43	108759	130.21	ppb		100
53)	1,2-Dichloropropane	7.00	63	7561	11.89	ppb		100
54)	Bromodichloromethane	7.31	83	30571	11.00	ppb		100
55)	Methyl Cyclohexane	6.94	83	20502	8.86	ppb		100
56)	Dibromomethane	7.12	93	12823	12.05	ppb		100
57)	MIBK (methyl isobutyl ket	7.98	43	56842	50.03	ppb		100
58)	1-Bromo-2-chloroethane	7.62	144	4063	10.30	ppb		100
59)	2-Chloroethyl vinyl ether	7.67	43	72	60.00	ppb	#	100
60)	Cis-1,3-Dichloropropene	7.79	75	27754	10.65	ppb		100
61)	Toluene	8.12	91	82436	11.27	ppb		100
62)	Trans-1,3-Dichloropropene	8.37	75	28083	10.50	ppb		100
63)	1,1,2-TCA	8.55	83	12220	10.64	ppb		100
64)	2-Hexanone	8.83	43	39749	49.04	ppb		100
67)	1,2-EDB	9.03	107	17939	11.55	ppb		100
68)	Tetrachloroethene	8.66	164	16284	10.70	ppb		100
69)	1-Chlorohexane	9.53	91	12452	9.07	ppb		100
70)	1,1,1,2-Tetrachloroethane	9.62	131	28021	10.98	ppb		100
71)	m&p-Xylene	9.77	106	82514	21.66	ppb		100
72)	o-Xylene	10.16	106	40678	10.54	ppb		100
73)	Styrene	10.18	104	66045	10.48	ppb		100
75)	1,3-Dichloropropane	8.71	76	26720	11.19	ppb		100
76)	Dibromochloromethane	8.93	129	26700	11.13	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 16 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 13:28:38 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
77)	Chlorobenzene	9.53	112	61648	10.55 ppb	100
78)	Ethylbenzene	9.65	91	94727	10.75 ppb	100
79)	Bromoform	10.35	173	22290	11.17 ppb	100
81)	Isopropylbenzene	10.53	105	106456	10.30 ppb	100
82)	1,1,2,2-Tetrachloroethane	10.84	83	18342	10.58 ppb	100
83)	1,2,3-Trichloropropane	10.87	110	9043	10.87 ppb	100
84)	t-1,4-Dichloro-2-Butene	10.90	53	4578	8.87 ppb	100
85)	Bromobenzene	10.81	156	34140	9.67 ppb	100
86)	n-Propylbenzene	10.94	91	111438	10.76 ppb	100
87)	4-Ethyltoluene	11.06	105	102117	10.56 ppb	100
88)	2-Chlorotoluene	11.01	91	87062	10.80 ppb	100
89)	1,3,5-Trimethylbenzene	11.12	105	98343	11.10 ppb	100
90)	4-Chlorotoluene	11.13	91	85815	10.58 ppb	100
91)	Tert-Butylbenzene	11.44	119	53976	10.76 ppb	100
92)	1,2,4-Trimethylbenzene	11.49	105	92332	10.53 ppb	100
93)	Sec-Butylbenzene	11.66	105	104508	11.21 ppb	100
94)	p-Isopropyltoluene	11.81	119	100003	10.46 ppb	100
95)	Benzyl Chloride	11.99	91	20556	8.75 ppb	100
96)	1,3-DCB	11.75	146	62186	10.76 ppb	100
97)	1,4-DCB	11.84	146	61854	10.71 ppb	100
98)	n-Butylbenzene	12.22	91	56499	9.46 ppb	100
99)	1,2-DCB	12.21	146	61844	10.85 ppb	100
100)	Hexachloroethane	12.46	117	14896	9.62 ppb	100
101)	1,2-Dibromo-3-chloropropan	12.99	75	5285	11.44 ppb	100
102)	1,2,4-Trichlorobenzene	13.81	180	18752	9.24 ppb	100
103)	Hexachlorobutadiene	13.99	225	23952	9.95 ppb	100
104)	Naphthalene	14.05	128	39199	11.87 ppb	100
105)	1,2,3-Trichlorobenzene	14.30	180	23602	9.93 ppb	100

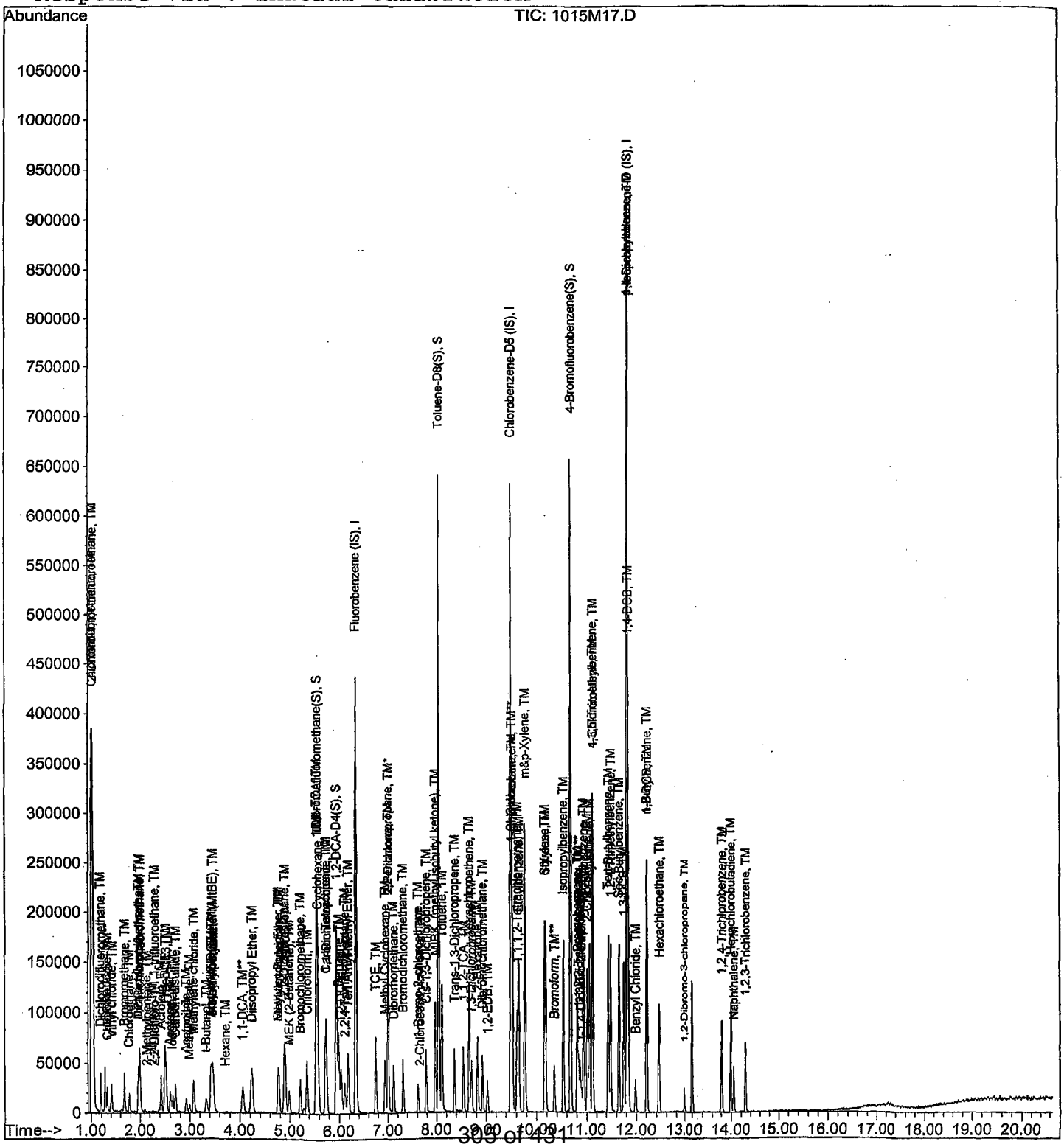
(#) = qualifier out of range (m) = manual integration
1015M17.D M1015W.M Wed Oct 20 12:06:40 2021 Page 3

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 16 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 16 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 13:28:38 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	49.44	ppb		0.00
Spiked Amount 25.000			Recovery = 197.748%				
46) 1,2-DCA-D4(S)	5.95	65	166400	51.19	ppb		0.00
Spiked Amount 25.000			Recovery = 204.772%				
66) Toluene-D8(S)	8.05	98	780890	49.06	ppb		0.00
Spiked Amount 25.000			Recovery = 196.252%				
74) 4-Bromofluorobenzene(S)	10.68	95	327466	47.81	ppb		0.00
Spiked Amount 25.000			Recovery = 191.232%				
Target Compounds							Qvalue
2) Chlorotrifluoroethene	1.03	116	1543	9.94	ppb	#	60
3) Dichlorodifluoromethane	1.18	85	43432	21.62	ppb		97
4) Freon 114	1.29	85	29061	17.19	ppb		81
5) Chloromethane	1.33	50	25172	20.46	ppb		98
6) Vinyl chloride	1.42	62	33428	22.72	ppb		95
7) 2-Chloro-1,1,1-trifluoroet	1.00	118	1142	26.47	ppb	#	37
8) Bromomethane	1.68	94	25141	25.37	ppb		95
9) Chloroethane	1.77	64	20310	20.33	ppb		99
10) Dichlorofluoromethane	1.97	67	69254	20.65	ppb		99
11) Trichlorofluoromethane	2.00	101	90422	23.94	ppb		91
12) 2,2-Dichloro-1,1,1-trifluo	2.27	85	19	15.75	ppb		100
13) Acrolein	2.44	56	32051	86.25	ppb		99
14) Acetone	2.61	43	29127	64.50	ppb		99
15) Freon-113	2.53	151	37209	21.25	ppb		94
16) Acetonitrile	2.93	41	18046	142.86	ppb		93
17) 2-propanol	2.26	45	2021	107.98	ppb	#	81
18) 1,2-Dichlorotrifluoroethan	1.97	67	69254	20.64	ppb		100
19) 1,1-DCE	2.51	61	53746	23.36	ppb		97
20) t-Butanol	3.34	59	23282	129.99	ppb		92
21) Methyl Acetate	2.99	43	16974	20.87	ppb		100
22) Iodomethane	2.66	142	35780	20.61	ppb		93
23) Acrylonitrile	3.43	53	10005	22.05	ppb	#	84
24) 2-Methylpentane	2.10	71	44	18.24	ppb	#	100
25) Methylene chloride	3.08	84	34285	20.55	ppb		94
26) Carbon disulfide	2.71	76	44096	19.79	ppb		97
27) Methyl t-butyl ether (MtBE	3.47	73	114470	21.36	ppb		100
28) Trans-1,2-DCE	3.43	96	38698	24.57	ppb		94

(#) = qualifier out of range (m) = manual integration
1015M18.D M1015W.M Wed Oct 20 12:06:41 2021 Page 1

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 16 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 13:28:38 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29)	3-Methylpentane	3.47	57	21607	24.67	ppb		96
30)	Hexane	3.73	56	771	35.50	ppb		100
31)	Diisopropyl Ether	4.24	45	74704	20.11	ppb		96
32)	1,1-DCA	4.06	63	59120	21.50	ppb		98
34)	Ethyl tert Butyl Ether	4.77	59	95539	19.66	ppb		95
35)	Methylcyclopentane	4.77	56	3929	19.23	ppb	#	100
36)	MEK (2-Butanone)	4.99	43	30811	58.42	ppb	#	91
37)	Cis-1,2-DCE	4.91	96	40102	20.93	ppb		94
38)	2,2-Dichloropropane	4.89	77	73086	20.52	ppb		99
39)	Chloroform	5.36	83	81653	21.71	ppb		100
40)	Bromochloromethane	5.22	130	33221	23.42	ppb		93
42)	1,1,1-TCA	5.54	97	93844	23.87	ppb		95
43)	Cyclohexane	5.58	41	24494	20.75	ppb		85
44)	1,1-Dichloropropene	5.75	75	49132	22.19	ppb		93
45)	2,2,4-Trimethylpentane	6.12	57	57952	16.53	ppb	#	81
47)	Carbon Tetrachloride	5.73	117	81738	22.96	ppb		94
48)	Tert Amyl Methyl Ether	6.18	73	93531	19.46	ppb		97
49)	1,2-DCA	6.04	62	73123	21.42	ppb		97
50)	Benzene	5.99	78	134429	21.52	ppb		95
51)	TCE	6.75	95	41884	22.20	ppb		85
52)	2-Pentanone	7.01	43	131778	150.39	ppb		97
53)	1,2-Dichloropropane	7.00	63	15331	23.28	ppb		99
54)	Bromodichloromethane	7.31	83	63530	21.79	ppb		94
55)	Methyl Cyclohexane	6.94	83	47883	20.50	ppb		99
56)	Dibromomethane	7.12	93	24263	21.72	ppb		99
57)	MIBK (methyl isobutyl ket	7.98	43	66896	56.12	ppb		96
58)	1-Bromo-2-chloroethane	7.62	144	8668	20.95	ppb		82
59)	2-Chloroethyl vinyl ether	7.64	43	135	107.24	ppb	#	100
60)	Cis-1,3-Dichloropropene	7.79	75	58299	21.33	ppb		92
61)	Toluene	8.12	91	158484	20.66	ppb		98
62)	Trans-1,3-Dichloropropene	8.37	75	58054	20.70	ppb		99
63)	1,1,2-TCA	8.55	83	23159	19.22	ppb		98
64)	2-Hexanone	8.83	43	48162	56.64	ppb		96
67)	1,2-EDB	9.03	107	37727	23.98	ppb		91
68)	Tetrachloroethene	8.66	164	37992	24.65	ppb	#	77
69)	1-Chlorohexane	9.53	91	27928	20.08	ppb		92
70)	1,1,1,2-Tetrachloroethane	9.62	131	54825	21.21	ppb		97
71)	m&p-Xylene	9.77	106	168462	43.65	ppb		94
72)	o-Xylene	10.16	106	80768	20.66	ppb		96
73)	Styrene	10.18	104	132105	20.70	ppb		100
75)	1,3-Dichloropropane	8.71	76	51570	21.33	ppb	#	81
76)	Dibromochloromethane	8.93	129	55342	22.78	ppb		97

(#) = 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 16 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 13:28:38 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77)	Chlorobenzene	9.53	112	123674	20.90	ppb		95
78)	Ethylbenzene	9.65	91	190505	21.35	ppb		99
79)	Bromoform	10.35	173	46086	22.80	ppb		91
81)	Isopropylbenzene	10.53	105	215921	21.00	ppb		96
82)	1,1,2,2-Tetrachloroethane	10.84	83	34580	20.06	ppb		93
83)	1,2,3-Trichloropropane	10.88	110	18655	22.95	ppb		93
84)	t-1,4-Dichloro-2-Butene	10.90	53	9193	17.59	ppb		76
85)	Bromobenzene	10.81	156	72807	20.74	ppb		87
86)	n-Propylbenzene	10.94	91	218212	21.18	ppb		98
87)	4-Ethyltoluene	11.06	105	204272	21.24	ppb		94
88)	2-Chlorotoluene	11.01	91	166317	20.74	ppb		92
89)	1,3,5-Trimethylbenzene	11.12	105	188460	21.39	ppb		96
90)	4-Chlorotoluene	11.13	91	169578	21.02	ppb		99
91)	Tert-Butylbenzene	11.44	119	113528	22.75	ppb		98
92)	1,2,4-Trimethylbenzene	11.49	105	194704	22.09	ppb		97
93)	Sec-Butylbenzene	11.66	105	210964	22.75	ppb		99
94)	p-Isopropyltoluene	11.81	119	210376	21.74	ppb		98
95)	Benzyl Chloride	11.99	91	42029	17.98	ppb		97
96)	1,3-DCB	11.75	146	126212	21.95	ppb		98
97)	1,4-DCB	11.84	146	125705	22.43	ppb		96
98)	n-Butylbenzene	12.22	91	128982	20.53	ppb		95
99)	1,2-DCB	12.21	146	124816	22.02	ppb		98
100)	Hexachloroethane	12.46	117	30628	20.04	ppb		94
101)	1,2-Dibromo-3-chloropropan	12.99	75	10893	22.83	ppb	#	81
102)	1,2,4-Trichlorobenzene	13.81	180	49784	21.15	ppb		88
103)	Hexachlorobutadiene	13.99	225	53060	21.20	ppb		97
104)	Naphthalene	14.05	128	96821	26.22	ppb		99
105)	1,2,3-Trichlorobenzene	14.30	180	62906	21.74	ppb		86

Quantitation Report

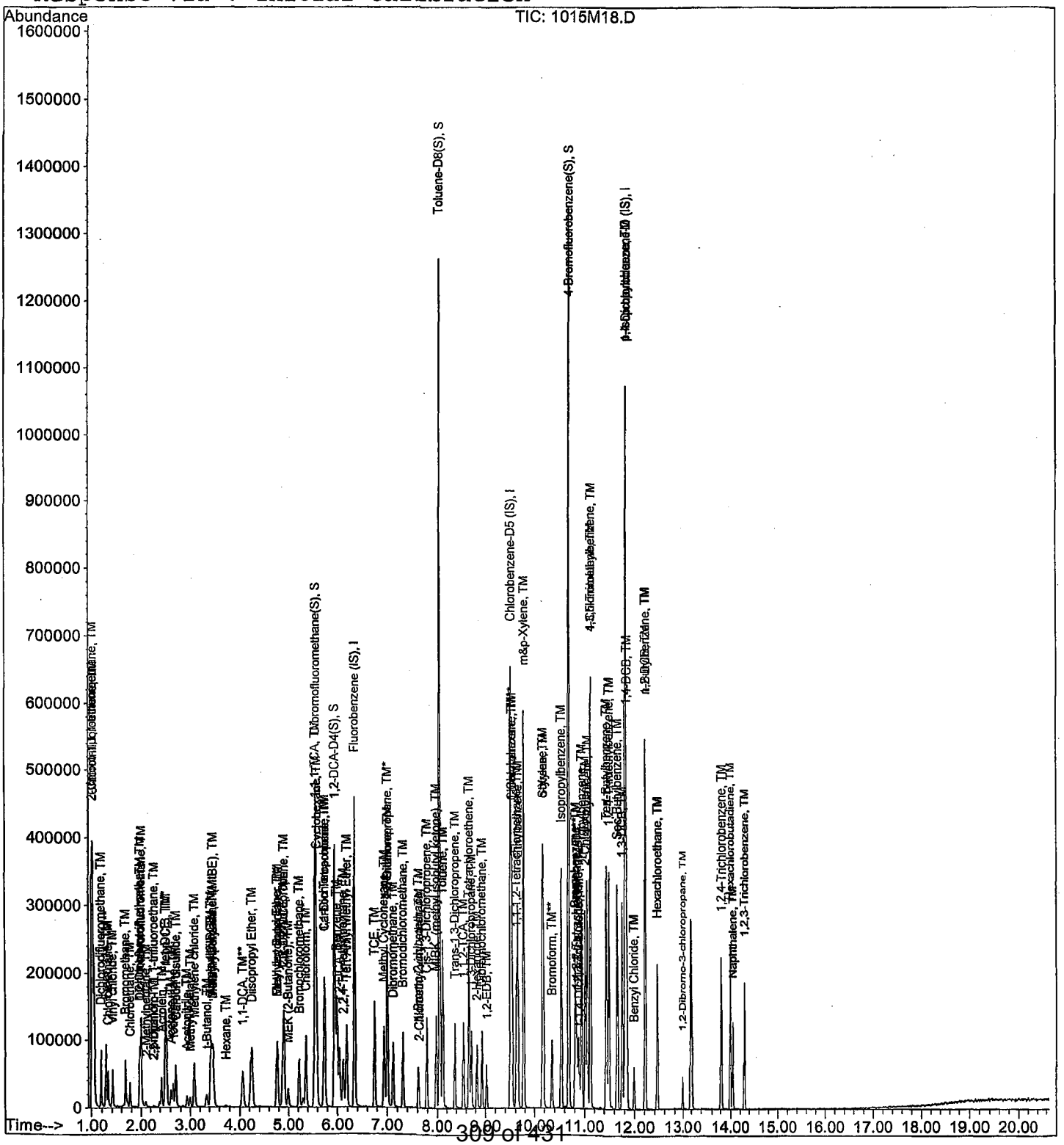
Data File : M:\MAX\DATA\211015\1015M18.D
Acq On : 15 Oct 21 18:03
Sample : 20ug/L VOC STD 10/15/21
Misc : IS&S 8/4/21

Vial: 8
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 16 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 16 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 13:28:38 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	49.90	ppb		0.00
Spiked Amount 25.000			Recovery = 199.604%				
46) 1,2-DCA-D4(S)	5.95	65	166336	51.31	ppb		0.00
Spiked Amount 25.000			Recovery = 205.252%				
66) Toluene-D8(S)	8.05	98	788816	48.87	ppb		0.00
Spiked Amount 25.000			Recovery = 195.484%				
74) 4-Bromofluorobenzene(S)	10.68	95	335059	48.24	ppb		0.00
Spiked Amount 25.000			Recovery = 192.944%				
Target Compounds							Qvalue
2) Chlorotrifluoroethene	1.01	116	1951	12.60	ppb	#	73
3) Dichlorodifluoromethane	1.18	85	95360	47.61	ppb		100
4) Freon 114	1.29	85	57360	34.02	ppb		83
5) Chloromethane	1.33	50	56542	46.36	ppb		94
6) Vinyl chloride	1.42	62	70630	48.13	ppb		92
7) 2-Chloro-1,1,1-trifluoroet	1.01	118	1922	44.68	ppb	#	51
8) Bromomethane	1.68	94	51410	52.69	ppb		91
9) Chloroethane	1.77	64	42072	42.31	ppb		97
10) Dichlorofluoromethane	1.97	67	141160	42.20	ppb		99
11) Trichlorofluoromethane	2.00	101	187948	49.90	ppb		98
12) 2,2-Dichloro-1,1,1-trifluo	2.18	85	25	20.78	ppb		100
13) Acrolein	2.43	56	40051	108.07	ppb		88
14) Acetone	2.62	43	39041	86.69	ppb		98
15) Freon-113	2.52	151	70973	40.64	ppb		97
16) Acetonitrile	2.93	41	22065	175.15	ppb		88
17) 2-propanol	2.27	45	3181	170.43	ppb	#	81
18) 1,2-Dichlorotrifluoroethan	1.97	67	141160	42.19	ppb		100
19) 1,1-DCE	2.50	61	104417	45.50	ppb		96
20) t-Butanol	3.35	59	36678	173.72	ppb		96
21) Methyl Acetate	2.99	43	34963	43.11	ppb		95
22) Iodomethane	2.66	142	81874	45.72	ppb		95
23) Acrylonitrile	3.43	53	19528	43.06	ppb	#	80
24) 2-Methylpentane	2.10	71	116	48.21	ppb	#	100
25) Methylene chloride	3.08	84	68587	41.23	ppb		97
26) Carbon disulfide	2.71	76	86056	38.73	ppb		99
27) Methyl t-butyl ether (MtBE	3.47	73	239816	44.88	ppb		94
28) Trans-1,2-DCE	3.43	96	72205	46.70	ppb		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1015M19.D
Acq On : 15 Oct 21 18:31
Sample : 40ug/L VOC STD 10/15/21
Misc : IS&S 8/4/21

Vial: 9
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 16 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 13:28:38 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29)	3-Methylpentane	3.47	57	37452	43.35	ppb		88
30)	Hexane	3.70	56	751	34.68	ppb	#	100
31)	Diisopropyl Ether	4.24	45	152386	41.14	ppb		95
32)	1,1-DCA	4.06	63	116415	42.45	ppb	#	94
34)	Ethyl tert Butyl Ether	4.77	59	199919	41.25	ppb		94
35)	Methylcyclopentane	4.77	56	8348	40.96	ppb		100
36)	MEK (2-Butanone)	4.99	43	43256	82.23	ppb		88
37)	Cis-1,2-DCE	4.91	96	82880	43.37	ppb		92
38)	2,2-Dichloropropane	4.89	77	141607	39.86	ppb		99
39)	Chloroform	5.36	83	160419	42.76	ppb		94
40)	Bromochloromethane	5.22	130	68479	49.26	ppb		94
42)	1,1,1-TCA	5.54	97	182393	46.52	ppb		98
43)	Cyclohexane	5.58	41	48312	41.04	ppb		90
44)	1,1-Dichloropropene	5.75	75	94511	42.80	ppb		97
45)	2,2,4-Trimethylpentane	6.12	57	121452	34.73	ppb	#	86
47)	Carbon Tetrachloride	5.74	117	166925	47.02	ppb		98
48)	Tert Amyl Methyl Ether	6.18	73	194157	40.51	ppb		97
49)	1,2-DCA	6.04	62	153949	45.21	ppb		100
50)	Benzene	5.99	78	269561	43.28	ppb		99
51)	TCE	6.75	95	85080	46.13	ppb		85
52)	2-Pentanone	7.01	43	159478	182.50	ppb		99
53)	1,2-Dichloropropane	7.00	63	32440	49.75	ppb		96
54)	Bromodichloromethane	7.31	83	132884	45.71	ppb		99
55)	Methyl Cyclohexane	6.94	83	97260	42.40	ppb		100
56)	Dibromomethane	7.12	93	50236	45.10	ppb		93
57)	MIBK (methyl isobutyl ket	7.98	43	93060	78.28	ppb		97
58)	1-Bromo-2-chloroethane	7.62	144	17760	43.04	ppb		98
59)	2-Chloroethyl vinyl ether	7.58	43	20	15.93	ppb	#	100
60)	Cis-1,3-Dichloropropene	7.79	75	117498	43.10	ppb		96
61)	Toluene	8.12	91	319786	41.80	ppb		99
62)	Trans-1,3-Dichloropropene	8.37	75	122778	43.89	ppb		99
63)	1,1,2-TCA	8.55	83	47558	39.57	ppb		94
64)	2-Hexanone	8.83	43	66653	78.60	ppb		94
67)	1,2-EDB	9.03	107	74115	46.45	ppb		95
68)	Tetrachloroethene	8.66	164	70304	44.97	ppb		81
69)	1-Chlorohexane	9.53	91	54312	38.51	ppb		96
70)	1,1,1,2-Tetrachloroethane	9.62	131	111805	42.65	ppb		92
71)	m&p-Xylene	9.77	106	333019	85.09	ppb		100
72)	o-Xylene	10.16	106	167690	42.31	ppb		100
73)	Styrene	10.18	104	270125	41.74	ppb		99
75)	1,3-Dichloropropane	8.71	76	106532	43.44	ppb		88
76)	Dibromochloromethane	8.93	129	113393	46.02	ppb		99

(#) = qualifier out of range (m) = manual integration

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 16 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 13:28:38 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
77)	Chlorobenzene	9.53	112	247111	41.17 ppb	96
78)	Ethylbenzene	9.65	91	393606	43.49 ppb	98
79)	Bromoform	10.35	173	96934	47.29 ppb	94
81)	Isopropylbenzene	10.53	105	436071	40.40 ppb	98
82)	1,1,2,2-Tetrachloroethane	10.84	83	72110	39.85 ppb	91
83)	1,2,3-Trichloropropane	10.88	110	37233	43.97 ppb	94
84)	t-1,4-Dichloro-2-Butene	10.90	53	20351	36.72 ppb	74
85)	Bromobenzene	10.81	156	144680	39.26 ppb	93
86)	n-Propylbenzene	10.94	91	452586	41.83 ppb	99
87)	4-Ethyltoluene	11.06	105	417221	41.31 ppb	95
88)	2-Chlorotoluene	11.01	91	340873	40.48 ppb	88
89)	1,3,5-Trimethylbenzene	11.12	105	382964	41.40 ppb	97
90)	4-Chlorotoluene	11.13	91	343947	40.60 ppb	99
91)	Tert-Butylbenzene	11.44	119	234880	44.83 ppb	98
92)	1,2,4-Trimethylbenzene	11.49	105	396710	42.65 ppb	99
93)	Sec-Butylbenzene	11.66	105	437165	44.90 ppb	99
94)	p-Isopropyltoluene	11.81	119	441578	43.11 ppb	98
95)	Benzyl Chloride	11.99	91	88019	35.87 ppb	99
96)	1,3-DCB	11.75	146	262502	43.48 ppb	98
97)	1,4-DCB	11.84	146	255429	43.91 ppb	96
98)	n-Butylbenzene	12.22	91	282853	41.90 ppb	98
99)	1,2-DCB	12.21	146	253718	42.63 ppb	99
100)	Hexachloroethane	12.46	117	65707	41.10 ppb	99
101)	1,2-Dibromo-3-chloropropan	12.99	75	22876	44.84 ppb	91
102)	1,2,4-Trichlorobenzene	13.81	180	113144	43.34 ppb	94
103)	Hexachlorobutadiene	13.99	225	114209	42.64 ppb	98
104)	Naphthalene	14.05	128	238304	52.27 ppb	99
105)	1,2,3-Trichlorobenzene	14.30	180	146469	44.67 ppb	90

(#) = qualifier out of range (m) = manual integration

Quantitation Report

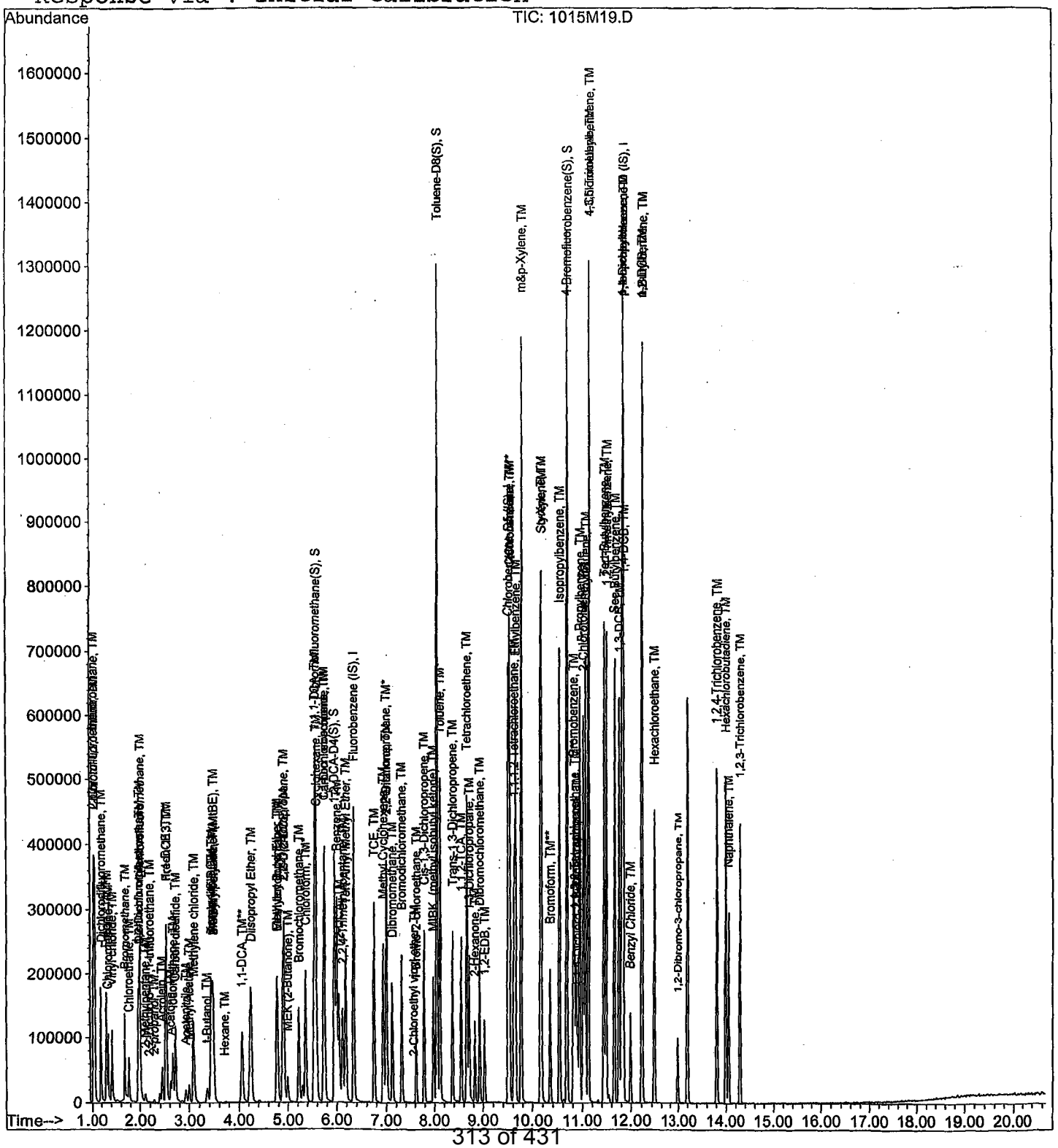
Data File : M:\MAX\DATA\211015\1015M19.D
Acq On : 15 Oct 21 18:31
Sample : 40ug/L VOC STD 10/15/21
Misc : IS&S 8/4/21

Vial: 9
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 16 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 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 16 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 13:28:38 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	94.72	ppb		0.00
Spiked Amount 25.000			Recovery = 378.876%				
46) 1,2-DCA-D4(S)	5.95	65	315456	99.33	ppb		0.00
Spiked Amount 25.000			Recovery = 397.320%				
66) Toluene-D8(S)	8.05	98	1486255	91.76	ppb		0.00
Spiked Amount 25.000			Recovery = 367.048%				
74) 4-Bromofluorobenzene(S)	10.68	95	657746	94.36	ppb		0.00
Spiked Amount 25.000			Recovery = 377.452%				
Target Compounds							Qvalue
2) Chlorotrifluoroethene	1.02	116	1201	7.92	ppb	#	45
3) Dichlorodifluoromethane	1.18	85	234560	119.53	ppb		99
4) Freon 114	1.29	85	146791	88.87	ppb		80
5) Chloromethane	1.33	50	143008	120.04	ppb		97
6) Vinyl chloride	1.42	62	168822	117.43	ppb		98
7) 2-Chloro-1,1,1-trifluoroet	1.00	118	1493	35.42	ppb	#	37
8) Bromomethane	1.68	94	135974	143.32	ppb		93
9) Chloroethane	1.76	64	126156	129.66	ppb		97
10) Dichlorofluoromethane	1.96	67	347423	106.00	ppb		100
11) Trichlorofluoromethane	1.99	101	454942	123.28	ppb		94
12) 2,2-Dichloro-1,1,1-trifluo	2.39	85	85	72.11	ppb	#	100
13) Acrolein	2.44	56	44550	122.70	ppb		88
14) Acetone	2.62	43	47910	108.58	ppb		94
15) Freon-113	2.52	151	175591	102.62	ppb		89
16) Acetonitrile	2.94	41	23864	193.35	ppb		91
17) 2-propanol	2.30	45	8518	465.81	ppb		92
18) 1,2-Dichlorotrifluoroethan	1.96	67	347584	106.03	ppb	#	100
19) 1,1-DCE	2.50	61	262927	116.95	ppb		95
20) t-Butanol	3.37	59	50833	214.24	ppb		99
21) Methyl Acetate	3.00	43	84654	106.53	ppb		85
22) Iodomethane	2.65	142	214716	120.36	ppb		98
23) Acrylonitrile	3.44	53	47089	105.86	ppb		93
24) 2-Methylpentane	2.09	71	220	93.32	ppb	#	100
25) Methylene chloride	3.08	84	160180	98.28	ppb		95
26) Carbon disulfide	2.71	76	194560	89.38	ppb		97
27) Methyl t-butyl ether (MtBE	3.47	73	555224	106.05	ppb		93
28) Trans-1,2-DCE	3.42	96	182546	121.83	ppb		100

(#) = 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 16 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 13:28:38 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29)	3-Methylpentane	3.47	57	93951	112.00	ppb		89
30)	Hexane	3.71	56	1846	87.00	ppb	#	100
31)	Diisopropyl Ether	4.24	45	370710	102.14	ppb		97
32)	1,1-DCA	4.06	63	285289	106.17	ppb	#	93
34)	Ethyl tert Butyl Ether	4.77	59	459729	96.83	ppb		97
35)	Methylcyclopentane	4.77	56	17519	87.74	ppb	#	100
36)	MEK (2-Butanone)	4.99	43	53511	103.84	ppb		90
37)	Cis-1,2-DCE	4.91	96	197796	105.64	ppb		94
38)	2,2-Dichloropropane	4.89	77	346511	99.56	ppb		100
39)	Chloroform	5.36	83	390282	106.18	ppb		94
40)	Bromochloromethane	5.22	130	156085	115.65	ppb	#	88
42)	1,1,1-TCA	5.54	97	433213	112.79	ppb		97
43)	Cyclohexane	5.58	41	121867	105.66	ppb		90
44)	1,1-Dichloropropene	5.75	75	231228	106.87	ppb		95
45)	2,2,4-Trimethylpentane	6.12	57	302605	88.31	ppb		87
47)	Carbon Tetrachloride	5.74	117	411487	118.31	ppb		95
48)	Tert Amyl Methyl Ether	6.18	73	450960	96.03	ppb		97
49)	1,2-DCA	6.04	62	367370	110.12	ppb		98
50)	Benzene	5.99	78	649591	106.45	ppb		98
51)	TCE	6.75	95	206061	115.34	ppb		84
52)	2-Pentanone	7.01	43	179595	209.77	ppb		99
53)	1,2-Dichloropropane	7.00	63	72296	113.59	ppb		96
54)	Bromodichloromethane	7.31	83	317248	111.38	ppb		100
55)	Methyl Cyclohexane	6.94	83	236830	106.31	ppb		93
56)	Dibromomethane	7.12	93	119549	109.56	ppb		95
57)	MIBK (methyl isobutyl ket	7.98	43	114125	97.99	ppb		98
58)	1-Bromo-2-chloroethane	7.62	144	42608	105.40	ppb		91
59)	2-Chloroethyl vinyl ether	7.69	43	19	15.45	ppb	#	100
60)	Cis-1,3-Dichloropropene	7.79	75	293076	109.74	ppb		94
61)	Toluene	8.12	91	786013	104.86	ppb		96
62)	Trans-1,3-Dichloropropene	8.37	75	301333	109.95	ppb		100
63)	1,1,2-TCA	8.55	83	116902	99.29	ppb		93
64)	2-Hexanone	8.83	43	83212	100.16	ppb	#	92
67)	1,2-EDB	9.03	107	187298	116.98	ppb		98
68)	Tetrachloroethene	8.66	164	163584	104.28	ppb		86
69)	1-Chlorohexane	9.53	91	140232	99.08	ppb		96
70)	1,1,1,2-Tetrachloroethane	9.62	131	281249	106.91	ppb		97
71)	m&p-Xylene	9.77	106	823233	209.61	ppb		98
72)	o-Xylene	10.16	106	418928	105.33	ppb		98
73)	Styrene	10.18	104	692047	106.57	ppb		98
75)	1,3-Dichloropropane	8.71	76	259322	105.38	ppb		91
76)	Dibromochloromethane	8.93	129	278663	112.70	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 16 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 13:28:38 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77)	Chlorobenzene	9.53	112	618681	102.72	ppb	96
78)	Ethylbenzene	9.65	91	972119	107.04	ppb	100
79)	Bromoform	10.35	173	247112	120.13	ppb	95
81)	Isopropylbenzene	10.54	105	1132302	104.03	ppb	98
82)	1,1,2,2-Tetrachloroethane	10.85	83	183360	100.48	ppb	93
83)	1,2,3-Trichloropropane	10.88	110	96387	113.47	ppb	94
84)	t-1,4-Dichloro-2-Butene	10.90	53	52050	92.63	ppb	80
85)	Bromobenzene	10.81	156	374456	100.76	ppb	91
86)	n-Propylbenzene	10.94	91	1150904	105.49	ppb	100
87)	4-Ethyltoluene	11.06	105	1068018	104.87	ppb	94
88)	2-Chlorotoluene	11.02	91	751088	88.44	ppb	92
89)	1,3,5-Trimethylbenzene	11.12	105	1000113	107.22	ppb	99
90)	4-Chlorotoluene	11.13	91	881242	103.15	ppb	99
91)	Tert-Butylbenzene	11.44	119	615168	116.44	ppb	97
92)	1,2,4-Trimethylbenzene	11.49	105	1027302	109.19	ppb	98
93)	Sec-Butylbenzene	11.66	105	1145861	116.71	ppb	100
94)	p-Isopropyltoluene	11.81	119	1156691	111.42	ppb	99
95)	Benzyl Chloride	11.99	91	250447	101.21	ppb	97
96)	1,3-DCB	11.75	146	675841	111.01	ppb	99
97)	1,4-DCB	11.85	146	672085	115.40	ppb	98
98)	n-Butylbenzene	12.22	91	786990	114.02	ppb	97
99)	1,2-DCB	12.21	146	677640	112.91	ppb	98
100)	Hexachloroethane	12.46	117	181188	112.65	ppb	98
101)	1,2-Dibromo-3-chloropropan	12.99	75	63114	121.24	ppb	93
102)	1,2,4-Trichlorobenzene	13.81	180	337280	123.99	ppb	90
103)	Hexachlorobutadiene	13.99	225	307962	112.70	ppb	97
104)	Naphthalene	14.06	128	746536	118.59	ppb	97
105)	1,2,3-Trichlorobenzene	14.30	180	462536	133.70	ppb	90

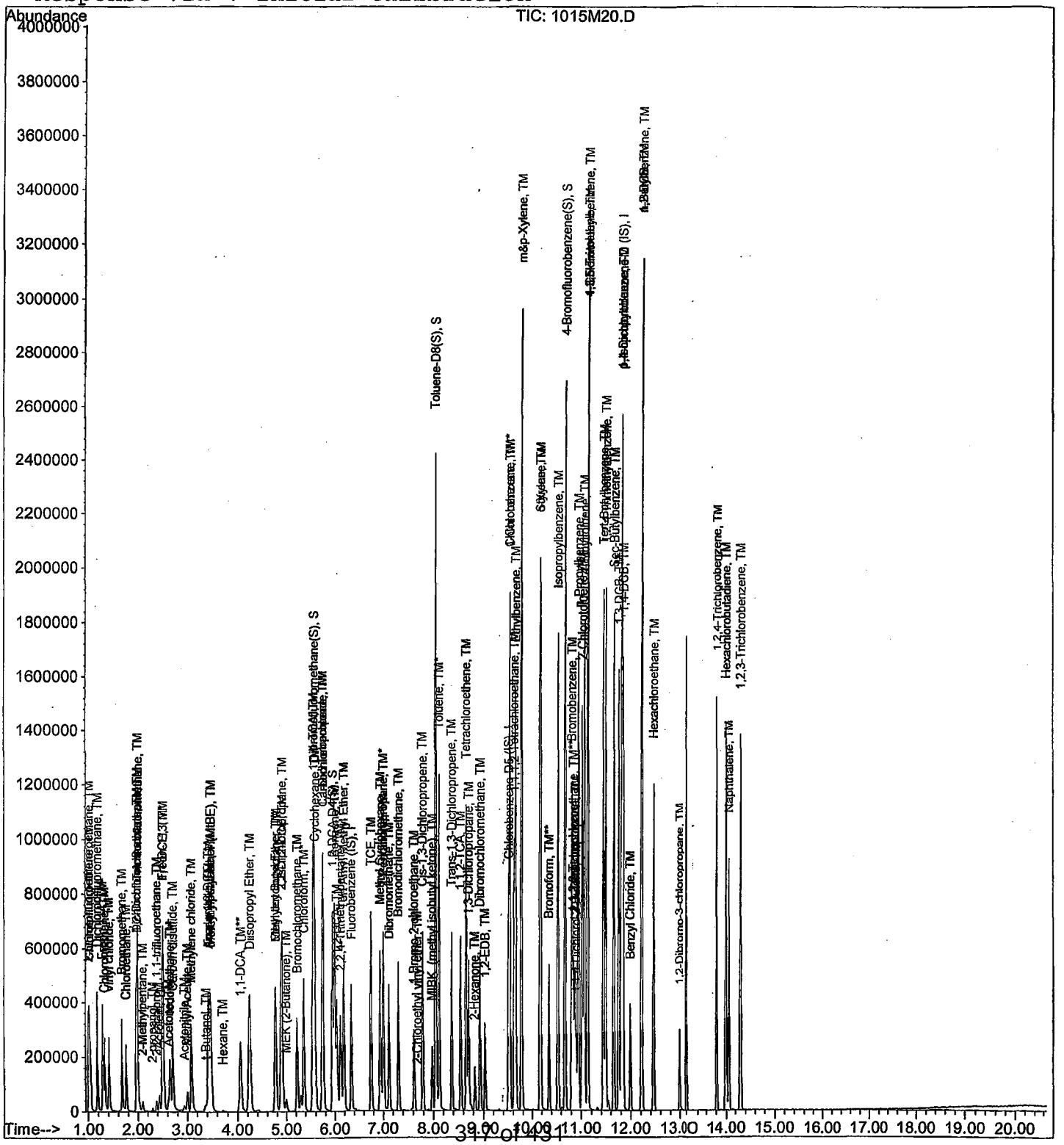
Quantitation Report

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 16 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

Second Source Calibration

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

SDG No:
Date Analyzed: 10/15/2021
Instrument: Max
Initial Cal. Date: 10/15/2021
Data File: 1015M22.D

		Compound	MEAN	CCRF	%D		%Drift	
1	TM	Chlorotrifluoroethene	0.0000	0.0122	0.00	TM		
2	TM	Dichlorodifluoromethane	0.1497	0.1425	4.8	TM		
3	TM	Freon 114	0.0839	0.0990	18	TM		
4	TM**	Chloromethane	0.0893	0.0842	5.7	TM**		
5	TM*	Vinyl chloride	0.1101	0.1001	9.1	TM*		
6	TM	2-Chloro-1,1,1-trifluoroethane	0.0000	0.0024	0.00	TM		
7	TM	Bromomethane	0.0931	0.0814	13	TM		
8	TML	Chloroethane	0.0844	0.0648	23	TML	8.2	
9	TM	Dichlorofluoromethane	0.2416	0.1948	19	TM		
10	TM	Trichlorofluoromethane	0.2889	0.2752	4.8	TM		
11	TM	2,2-Dichloro-1,1,1-trifluoroethane	0.0000	0.0001	0.00	TM		
12	TMQ	Acrolein	0.0145	0.0122	15	TMQ	12	
13	TM	Acetone	0.0326	0.0319	2.1	TM		
14	TM	Freon-113	0.1176	0.1116	5.1	TM		
15	TM	Acetonitrile	0.0077	0.0083	7.5	TM		
16	TML	2-propanol	0.0000	0.0009	0.00	TML		
17	TM	1,2-Dichlorotrifluoroethane	0.2416	0.1948	19	TM		
18	TM*	1,1-DCE	0.1751	0.1607	8.2	TM*		
19	TMQ	t-Butanol	0.0101	0.0116	14	TMQ	16	
20	TMQ	Methyl Acetate	0.0528	0.0415	21	TMQ	24	*NT
21	TML	Iodomethane	0.1096	0.0881	20	TML	24	*NT
22	TML	Acrylonitrile	0.0252	0.0300	19	TML	2.8	
23	TM	Methylene chloride	0.1130	0.1086	3.9	TM		
24	TM	Carbon disulfide	0.1424	0.1277	10	TM		
25	TM	Methyl t-butyl ether (MtBE)	0.3769	0.3493	7.3	TM		
26	TM	Trans-1,2-DCE	0.1221	0.1176	3.6	TM		
27	TML	3-Methylpentane	0.0702	0.0590	16	TML	7.9	
28	TM	Hexane	0.0000	0.0008	0.00	TM		
29	TM	Diisopropyl Ether	0.2351	0.2190	6.9	TM		
30	TM**	1,1-DCA	0.1831	0.1889	3.2	TM**		
31	TM	Ethyl tert Butyl Ether	0.3021	0.2803	7.2	TM		
32	TML	Methylcyclopentane	0.0160	0.0145	9.4	TML	13	
33	TM	MEK (2-Butanone)	0.0341	0.0344	1.0	TM		
34	TM	Cis-1,2-DCE	0.1352	0.1221	9.7	TM		
35	TM	2,2-Dichloropropane	0.2349	0.2108	10	TM		
36	TM*	Chloroform	0.2377	0.2410	1.4	TM*		
37	TML	Bromochloromethane	0.1040	0.0967	7.0	TML	9.0	
38	TM	1,1,1-TCA	0.2791	0.2799	0.27	TM		
39	TM	Cyclohexane	0.0798	0.0682	15	TM		
40	TM	1,1-Dichloropropene	0.1514	0.1477	2.5	TM		
		Average			8.6			

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Second Source Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Date Analyzed: 10/15/2021
Matrix: Water Instrument: Max
Cal. Date: 10/15/2021
Data File: 1015M22.D

		Compound	MEAN	CCRF	%D	%Drift	
41	TM	2,2,4-Trimethylpentane	0.1964	0.1702	13	TM	
42	TM	Carbon Tetrachloride	0.2625	0.2517	4.1	TM	
43	TM	Tert Amyl Methyl Ether	0.2978	0.2793	6.2	TM	
44	TM	1,2-DCA	0.2350	0.2325	1.1	TM	
45	TM	Benzene	0.4384	0.4137	5.6	TM	
46	TM	TCE	0.1404	0.1388	1.1	TM	
47	TM	2-Pentanone	0.0570	0.0572	0.40	TM	
48	TM*L	1,2-Dichloropropane	0.0476	0.0463	2.9	TM*L	5.1
49	TM	Bromodichloromethane	0.1968	0.1954	0.72	TM	
50	TML	Methyl Cyclohexane	0.1542	0.1469	4.7	TML	2.6
51	TM	Dibromomethane	0.0856	0.0761	11	TM	
52	TM	MIBK (methyl isobutyl ketone)	0.0729	0.0782	7.3	TM	
53	TML	1-Bromo-2-chloroethane	0.0245	0.0257	4.8	TML	6.7
54	TM	2-Chloroethyl vinyl ether	0.0000	0.0001	0.00	TM	
55	TM	Cis-1,3-Dichloropropene	0.1763	0.1779	0.88	TM	
56	TM*	Toluene	0.5070	0.4972	1.9	TM*	
57	TM	Trans-1,3-Dichloropropene	0.1749	0.1751	0.15	TM	
58	TM	1,1,2-TCA	0.0786	0.0760	3.3	TM	
59	TM	2-Hexanone	0.0493	0.0526	6.7	TM	
60	TM	1,2-EDB	0.1319	0.1272	3.6	TM	
61	TML	Tetrachloroethene	0.2207	0.1356	39	TML	4.5
62	TM	1-Chlorohexane	0.0992	0.0866	13	TM	
63	TM	1,1,1,2-Tetrachloroethane	0.1860	0.1885	1.4	TM	
64	TM	m&p-Xylene	0.2826	0.2811	0.55	TM	
65	TM	o-Xylene	0.2964	0.2821	4.8	TM	
66	TM	Styrene	0.4463	0.4632	3.8	TM	
67	TM	1,3-Dichloropropane	0.1940	0.1840	5.1	TM	
68	TM	Dibromochloromethane	0.1941	0.1947	0.35	TM	
69	TM**	Chlorobenzene	0.4334	0.4155	4.1	TM**	
70	TM*	Ethylbenzene	0.6860	0.6607	3.7	TM*	
71	TM**	Bromoform	0.1611	0.1543	4.2	TM**	
72	TM	Isopropylbenzene	1.166	1.132	2.9	TM	
73	TM**	1,1,2,2-Tetrachloroethane	0.2001	0.1827	8.7	TM**	
74	TM	1,2,3-Trichloropropane	0.1000	0.1008	0.81	TM	
75	TML	t-1,4-Dichloro-2-Butene	0.0601	0.0488	19	TML	4.0
76	TM	Bromobenzene	0.3816	0.3657	4.2	TM	
77	TM	n-Propylbenzene	1.151	1.138	1.2	TM	
78	TM	4-Ethyltoluene	1.063	0.9969	6.2	TM	
79	TM	2-Chlorotoluene	0.9129	0.8702	4.7	TM	
80	TM	1,3,5-Trimethylbenzene	0.9948	1.004	0.90	TM	
		Average			5.2		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Second Source Calibration

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

SDG No:
Date Analyzed: 10/15/2021
Instrument: Max
Cal. Date: 10/15/2021
Data File: 1015M22.D

		Compound	MEAN	CCRF	%D		%Drift
81	TM	4-Chlorotoluene	0.9068	0.8859	2.3	TM	
82	TM	Tert-Butylbenzene	0.5492	0.5705	3.9	TM	
83	TM	1,2,4-Trimethylbenzene	0.9425	0.9915	5.2	TM	
84	TM	Sec-Butylbenzene	1.051	1.108	5.5	TM	
85	TM	p-Isopropyltoluene	1.016	1.070	5.3	TM	
86	TM	Benzyl Chloride	0.2406	0.2024	16	TM	
87	TM	1,3-DCB	0.6644	0.6756	1.7	TM	
88	TM	1,4-DCB	0.6767	0.6541	3.3	TM	
89	TML	n-Butylbenzene	0.5721	0.6278	9.7	TML	7.4
90	TM	1,2-DCB	0.6504	0.6356	2.3	TM	
91	TM	Hexachloroethane	0.1703	0.1719	0.98	TM	
92	TML	1,2-Dibromo-3-chloropropane	0.0437	0.0485	11	TML	13
93	TML	1,2,4-Trichlorobenzene	0.1936	0.2049	5.8	TML	17
94	TML	Hexachlorobutadiene	0.2401	0.2482	3.4	TML	9.7
95	TMQ	Naphthalene	0.4088	0.4281	4.7	TMQ	8.9
96	TML	1,2,3-Trichlorobenzene	0.2371	0.2821	19	TML	13
97							
98							
99							
100							
101							
102							
103							
104							
105							
106							
107							
108							
109							
110							
111							
112							
113							
114							
115							
116							
117							
118							
119							
120							
		Average			6.3		

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 16 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)	6.34	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

(#) = qualifier out of range (m) = manual integration

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 16 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

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
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
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

(#) = qualifier out of range (m) = manual integration

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 16 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

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
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

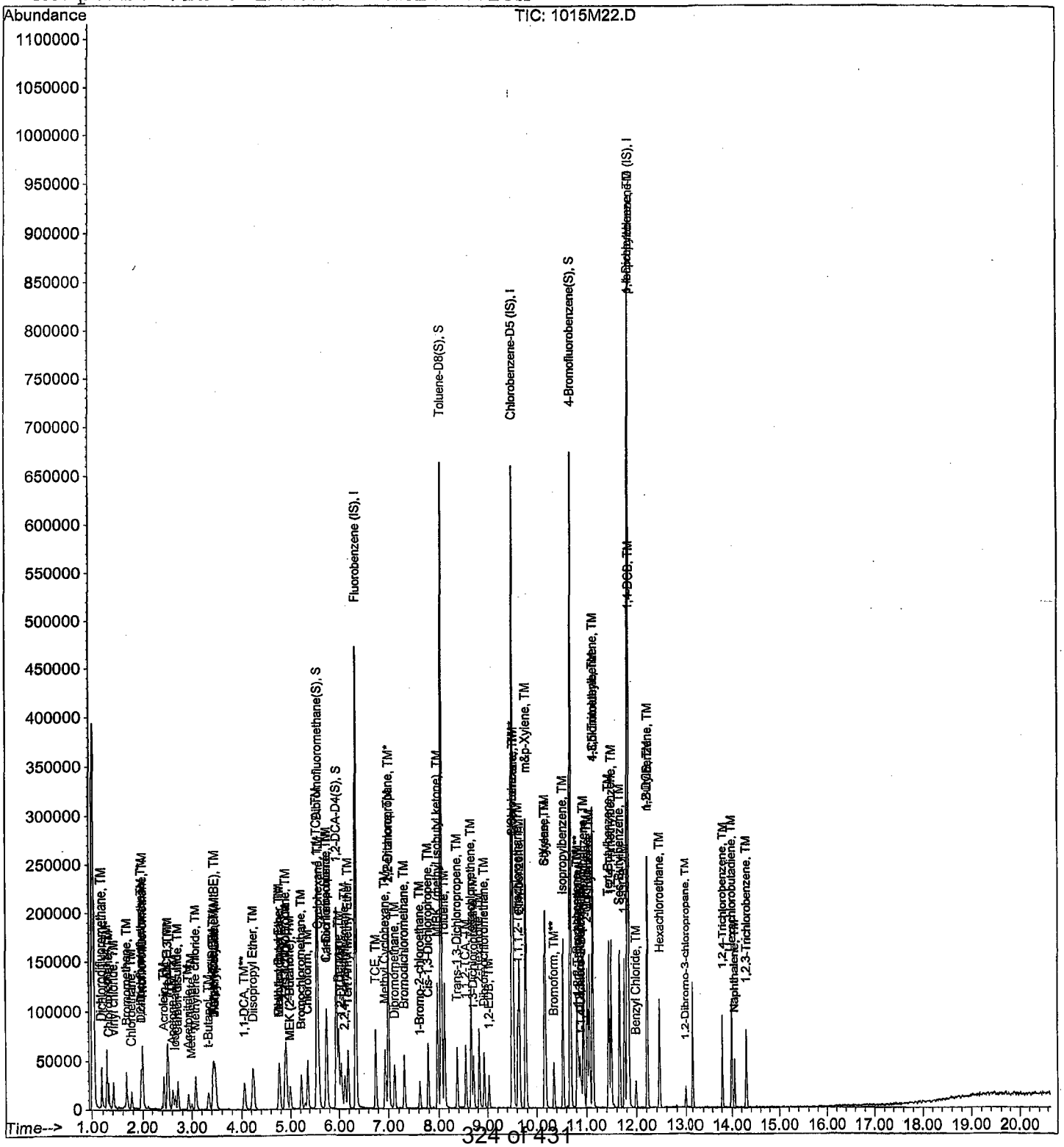
Data File : M:\MAX\DATA\211015\1015M22.D
Acq On : 15 Oct 21 19:57
Sample : (SS) 10ug/L VOC STD 10/15/21
Misc : IS&S 8/4/21

Vial: 12
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 16 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



VOLATILE ORGANIC ANALYSIS BY EPA METHOD 8260B

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 10/26/2021
Instrument: Max
Initial Cal. Date: 10/15/2021
Data File: 1026M25.D

		Compound	MEAN	CCRF	%D		%Drift	
1	I	Fluorobenzene (IS)	ISTD			I		
2	TM	Chlorotrifluoroethene	0.0000	0.0127	0.00	TM		
3	TM	Dichlorodifluoromethane	0.1497	0.1261	16	TM		
4	TM	Freon 114	0.0839	0.0932	11	TM		
5	TM**	Chloromethane	0.0893	0.0752	16	TM**		
6	TM*	Vinyl chloride	0.1101	0.0848	23	TM*		*NT
7	TM	2-Chloro-1,1,1-trifluoroethane	0.0000	0.0018	0.00	TM		
8	TM	Bromomethane	0.0931	0.0885	4.9	TM		
9	TML	Chloroethane	0.0844	0.0640	24	TML	9.1	
10	TM	Dichlorofluoromethane	0.2416	0.2372	1.8	TM		
11	TM	Trichlorofluoromethane	0.2889	0.2637	8.7	TM		
12	TM	2,2-Dichloro-1,1,1-trifluoroethane	0.0000	0.0001	0.00	TM		
13	TMQ	Acrolein	0.0145	0.0119	18	TMQ	15	
14	TM	Acetone	0.0326	0.0302	7.2	TM		
15	TM	Freon-113	0.1176	0.1173	0.22	TM		
16	TM	Acetonitrile	0.0077	0.0077	0.41	TM		
17	TML	2-propanol	0.0000	0.0010	0.00	TML		
18	TM	1,2-Dichlorotrifluoroethane	0.2416	0.2372	1.8	TM		
19	TM*	1,1-DCE	0.1751	0.1730	1.2	TM*		
20	TMQ	t-Butanol	0.0101	0.0108	6.2	TMQ	6.7	
21	TMQ	Methyl Acetate	0.0528	0.0488	7.6	TMQ	11	
22	TML	Iodomethane	0.1096	0.0963	12	TML	18	
23	TML	Acrylonitrile	0.0252	0.0308	22	TML	0.02	
24	TM	2-Methylpentane	0.0000	0.0004	0.00	TM		
25	TM	Methylene chloride	0.1130	0.1079	4.5	TM		
26	TM	Carbon disulfide	0.1424	0.1362	4.3	TM		
27	TM	Methyl t-butyl ether (MtBE)	0.3769	0.3602	4.4	TM		
28	TM	Trans-1,2-DCE	0.1221	0.1160	5.0	TM		
29	TML	3-Methylpentane	0.0702	0.0681	2.9	TML	7.1	
30	TM	Hexane	0.0000	0.0001	0.00	TM		
31	TM	Diisopropyl Ether	0.2351	0.2432	3.5	TM		
32	TM**	1,1-DCA	0.1831	0.1855	1.3	TM**		
33	TM	Ethyl tert Butyl Ether	0.3021	0.3001	0.65	TM		
34	TML	Methylcyclopentane	0.0160	0.0010	94	TML	105	*NT
35	TM	MEK (2-Butanone)	0.0341	0.0349	2.4	TM		
36	TM	Cis-1,2-DCE	0.1352	0.1276	5.6	TM		
37	TM	2,2-Dichloropropane	0.2349	0.2137	9.0	TM		
38	TM*	Chloroform	0.2377	0.2532	6.5	TM*		
39	TML	Bromochloromethane	0.1040	0.0984	5.4	TML	7.3	
40	S	Dibromofluoromethane(S)	0.3105	0.3246	4.6	S		
		Average			8.6			

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 10/26/2021
Instrument: Max
Cal. Date: 10/15/2021
Data File: 1026M25.D

		Compound	MEAN	CCRF	%D		%Drift
41	TM	1,1,1-TCA	0.2791	0.2873	2.9	TM	
42	TM	Cyclohexane	0.0798	0.0831	4.1	TM	
43	TM	1,1-Dichloropropene	0.1514	0.1489	1.7	TM	
44	TM	2,2,4-Trimethylpentane	0.1964	0.1880	4.3	TM	
45	S	1,2-DCA-D4(S)	0.2166	0.2158	0.33	S	
46	TM	Carbon Tetrachloride	0.2625	0.2628	0.10	TM	
47	TM	Tert Amyl Methyl Ether	0.2978	0.2847	4.4	TM	
48	TM	1,2-DCA	0.2350	0.2284	2.8	TM	
49	TM	Benzene	0.4384	0.4119	6.0	TM	
50	TM	TCE	0.1404	0.1294	7.8	TM	
51	TM	2-Pentanone	0.0570	0.0572	0.49	TM	
52	TM*L	1,2-Dichloropropane	0.0476	0.0471	1.1	TM*L	3.4
53	TM	Bromodichloromethane	0.1968	0.1951	0.88	TM	
54	TML	Methyl Cyclohexane	0.1542	0.1417	8.1	TML	6.0
55	TM	Dibromomethane	0.0856	0.0768	10	TM	
56	TM	MIBK (methyl isobutyl ketone)	0.0729	0.0750	2.9	TM	
57	TML	1-Bromo-2-chloroethane	0.0245	0.0258	5.4	TML	6.1
58	TM	2-Chloroethyl vinyl ether	0.0000	0.0000	0.00	TM	
59	TM	Cis-1,3-Dichloropropene	0.1763	0.1753	0.61	TM	
60	TM*	Toluene	0.5070	0.4841	4.5	TM*	
61	TM	Trans-1,3-Dichloropropene	0.1749	0.1676	4.2	TM	
62	TM	1,1,2-TCA	0.0786	0.0723	8.0	TM	
63	TM	2-Hexanone	0.0493	0.0505	2.4	TM	
64	I	Chlorobenzene-D5 (IS)	ISTD			I	
65	S	Toluene-D8(S)	1.149	1.171	1.9	S	
66	TM	1,2-EDB	0.1319	0.1206	8.6	TM	
67	TML	Tetrachloroethene	0.2207	0.1086	51	TML	19
68	TM	1-Chlorohexane	0.0992	0.0829	16	TM	
69	TM	1,1,1,2-Tetrachloroethane	0.1860	0.2021	8.7	TM	
70	TM	m&p-Xylene	0.2826	0.2891	2.3	TM	
71	TM	o-Xylene	0.2964	0.2808	5.3	TM	
72	TM	Styrene	0.4463	0.4507	0.99	TM	
73	S	4-Bromofluorobenzene(S)	0.4641	0.4762	2.6	S	
74	TM	1,3-Dichloropropane	0.1940	0.1851	4.6	TM	
75	TM	Dibromochloromethane	0.1941	0.1905	1.8	TM	
76	TM**	Chlorobenzene	0.4334	0.4342	0.18	TM**	
77	TM*	Ethylbenzene	0.6860	0.6876	0.24	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	1.143	2.0	TM	
		Average			5.1		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 10/26/2021
Instrument: Max
Cal. Date: 10/15/2021
Data File: 1026M25.D

		Compound	MEAN	CCRF	%D		%Drift	
81	TM**	1,1,2,2-Tetrachloroethane	0.2001	0.1861	7.0	TM**		
82	TM	1,2,3-Trichloropropane	0.1000	0.0983	1.7	TM		
83	TML	t-1,4-Dichloro-2-Butene	0.0601	0.0534	11	TML	4.8	
84	TM	Bromobenzene	0.3816	0.3709	2.8	TM		
85	TM	n-Propylbenzene	1.151	1.121	2.7	TM		
86	TM	4-Ethyltoluene	1.063	1.067	0.35	TM		
87	TM	2-Chlorotoluene	0.9129	0.8933	2.1	TM		
88	TM	1,3,5-Trimethylbenzene	0.9948	1.008	1.3	TM		
89	TM	4-Chlorotoluene	0.9068	0.8731	3.7	TM		
90	TM	Tert-Butylbenzene	0.5492	0.5839	6.3	TM		
91	TM	1,2,4-Trimethylbenzene	0.9425	0.9649	2.4	TM		
92	TM	Sec-Butylbenzene	1.051	1.103	5.0	TM		
93	TM	p-Isopropyltoluene	1.016	1.032	1.6	TM		
94	TM	Benzyl Chloride	0.2406	0.1893	21	TM		*NT
95	TM	1,3-DCB	0.6644	0.6525	1.8	TM		
96	TM	1,4-DCB	0.6767	0.6619	2.2	TM		
97	TML	n-Butylbenzene	0.5721	0.6095	6.5	TML	9.7	
98	TM	1,2-DCB	0.6504	0.6278	3.5	TM		
99	TM	Hexachloroethane	0.1703	0.1831	7.5	TM		
100	TML	1,2-Dibromo-3-chloropropane	0.0437	0.0469	7.2	TML	16	
101	TML	1,2,4-Trichlorobenzene	0.1936	0.2153	11	TML	14	
102	TML	Hexachlorobutadiene	0.2401	0.2444	1.8	TML	11	
103	TMQ	Naphthalene	0.4088	0.3833	6.2	TMQ	17	
104	TML	1,2,3-Trichlorobenzene	0.2371	0.2671	13	TML	16	
105								
106								
107								
108								
109								
110								
111								
112								
113								
114								
115								
116								
117								
118								
119								
120								
		Average			5.4			

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1026M25.D Vial: 25
Acq On : 26 Oct 21 20:30 Operator: LP,DG,CH
Sample : 211026B CCV 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 27 7:38 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	386002	25.00	ppb		0.03
65) Chlorobenzene-D5 (IS)	9.53	117	343919	25.00	ppb		0.03
80) 1,4-Dichlorobenzene-D (IS)	11.85	152	227821	25.00	ppb		0.03
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.59	111	125304	26.14	ppb		0.03
Spiked Amount 25.000			Recovery =	104.552%			
46) 1,2-DCA-D4(S)	5.98	65	83312	24.92	ppb		0.03
Spiked Amount 25.000			Recovery =	99.664%			
66) Toluene-D8(S)	8.08	98	402827	25.48	ppb		0.03
Spiked Amount 25.000			Recovery =	101.936%			
74) 4-Bromofluorobenzene(S)	10.70	95	163778	25.65	ppb		0.03
Spiked Amount 25.000			Recovery =	102.612%			
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.20	85	19464	8.42	ppb		98
4) Freon 114	1.30	85	14390	11.11	ppb		77
5) Chloromethane	1.34	50	11611	8.42	ppb		88
6) Vinyl chloride	1.43	62	13093	7.70	ppb		100
8) Bromomethane	1.69	94	13667	9.51	ppb		94
9) Chloroethane	1.79	64	9886	9.09	ppb		98
10) Dichlorofluoromethane	1.99	67	36624	9.82	ppb		92
11) Trichlorofluoromethane	2.02	101	40714	9.13	ppb		95
13) Acrolein	2.46	56	22939	106.35	ppb		96
14) Acetone	2.63	43	23346	46.39	ppb		93
15) Freon-113	2.56	151	18114	9.98	ppb		96
16) Acetonitrile	2.96	41	14889	124.49	ppb		92
18) 1,2-Dichlorotrifluoroethan	1.99	67	36624	9.82	ppb		100
19) 1,1-DCE	2.53	61	26715	9.88	ppb		92
20) t-Butanol	3.37	59	20764	133.44	ppb		94
21) Methyl Acetate	3.02	43	7535	8.90	ppb		88
22) Iodomethane	2.68	142	14870	8.17	ppb		98
23) Acrylonitrile	3.46	53	4761	10.00	ppb		93
25) Methylene chloride	3.11	84	16655	9.55	ppb		96
26) Carbon disulfide	2.74	76	21032	9.57	ppb		96
27) Methyl t-butyl ether (MtBE	3.50	73	55621	9.56	ppb		95
28) Trans-1,2-DCE	3.47	96	17905	9.50	ppb		90
29) 3-Methylpentane	3.50	57	10514	10.71	ppb		99
31) Diisopropyl Ether	4.28	45	37552	10.35	ppb		99
32) 1,1-DCA	4.10	63	28635	10.13	ppb	#	94
34) Ethyl tert Butyl Ether	4.80	59	46342	9.94	ppb		99
35) Methylcyclopentane	4.77	56	152	-0.55	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1026M25.D Vial: 25
Acq On : 26 Oct 21 20:30 Operator: LP,DG,CH
Sample : 211026B CCV 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 27 7:38 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
36)	MEK (2-Butanone)	5.02	43	26949	51.22	ppb	#	90
37)	Cis-1,2-DCE	4.95	96	19705	9.44	ppb		97
38)	2,2-Dichloropropane	4.93	77	32994	9.10	ppb		98
39)	Chloroform	5.39	83	39095	10.65	ppb		86
40)	Bromochloromethane	5.25	130	15194	9.27	ppb		92
42)	1,1,1-TCA	5.57	97	44364	10.29	ppb		90
43)	Cyclohexane	5.62	41	12836	10.41	ppb	#	75
44)	1,1-Dichloropropene	5.79	75	22986	9.83	ppb		96
45)	2,2,4-Trimethylpentane	6.15	57	29028	9.57	ppb		86
47)	Carbon Tetrachloride	5.77	117	40570	10.01	ppb		90
48)	Tert Amyl Methyl Ether	6.22	73	43951	9.56	ppb		98
49)	1,2-DCA	6.07	62	35268	9.72	ppb		98
50)	Benzene	6.03	78	63603	9.40	ppb		99
51)	TCE	6.78	95	19974	9.22	ppb		81
52)	2-Pentanone	7.04	43	110476	125.61	ppb		96
53)	1,2-Dichloropropane	7.03	63	7270	9.66	ppb		94
54)	Bromodichloromethane	7.34	83	30118	9.91	ppb		100
55)	Methyl Cyclohexane	6.97	83	21880	9.40	ppb		77
56)	Dibromomethane	7.15	93	11854	8.97	ppb		93
57)	MIBK (methyl isobutyl ket	8.01	43	57899	51.47	ppb		97
58)	1-Bromo-2-chloroethane	7.65	144	3990	9.39	ppb	#	69
60)	Cis-1,3-Dichloropropene	7.82	75	27060	9.94	ppb		94
61)	Toluene	8.14	91	74751	9.55	ppb		95
62)	Trans-1,3-Dichloropropene	8.40	75	25875	9.58	ppb		100
63)	1,1,2-TCA	8.58	83	11165	9.20	ppb		87
64)	2-Hexanone	8.86	43	38950	51.20	ppb		89
67)	1,2-EDB	9.06	107	16589	9.14	ppb		96
68)	Tetrachloroethene	8.69	164	14944	8.08	ppb		90
69)	1-Chlorohexane	9.56	91	11399	8.35	ppb		97
70)	1,1,1,2-Tetrachloroethane	9.65	131	27800	10.87	ppb		96
71)	m&p-Xylene	9.79	106	79546	20.46	ppb		95
72)	o-Xylene	10.19	106	38623	9.47	ppb		90
73)	Styrene	10.20	104	61999	10.10	ppb		96
75)	1,3-Dichloropropane	8.74	76	25465	9.54	ppb		89
76)	Dibromochloromethane	8.96	129	26213	9.82	ppb		97
77)	Chlorobenzene	9.56	112	59728	10.02	ppb		91
78)	Ethylbenzene	9.68	91	94597	10.02	ppb		99
79)	Bromoform	10.37	173	21361	9.64	ppb		90
81)	Isopropylbenzene	10.56	105	104145	9.80	ppb		98
82)	1,1,2,2-Tetrachloroethane	10.87	83	16957	9.30	ppb	#	94
83)	1,2,3-Trichloropropane	10.90	110	8957	9.83	ppb		90
84)	t-1,4-Dichloro-2-Butene	10.93	53	4864	10.48	ppb	#	54

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1026M25.D Vial: 25
Acq On : 26 Oct 21 20:30 Operator: LP,DG,CH
Sample : 211026B CCV 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 27 7:38 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
85)	Bromobenzene	10.84	156	33801	9.72	ppb		91
86)	n-Propylbenzene	10.97	91	102142	9.73	ppb		93
87)	4-Ethyltoluene	11.08	105	97233	10.04	ppb		92
88)	2-Chlorotoluene	11.04	91	81407	9.79	ppb		93
89)	1,3,5-Trimethylbenzene	11.14	105	91867	10.13	ppb		98
90)	4-Chlorotoluene	11.15	91	79568	9.63	ppb		97
91)	Tert-Butylbenzene	11.47	119	53208	10.63	ppb		97
92)	1,2,4-Trimethylbenzene	11.51	105	87930	10.24	ppb		94
93)	Sec-Butylbenzene	11.68	105	100516	10.50	ppb		94
94)	p-Isopropyltoluene	11.83	119	94043	10.16	ppb		99
95)	Benzyl Chloride	12.01	91	17253	7.87	ppb		99
96)	1,3-DCB	11.78	146	59463	9.82	ppb		98
97)	1,4-DCB	11.87	146	60321	9.78	ppb		94
98)	n-Butylbenzene	12.24	91	55543	9.03	ppb		98
99)	1,2-DCB	12.24	146	57208	9.65	ppb		98
100)	Hexachloroethane	12.48	117	16682	10.75	ppb		91
101)	1,2-Dibromo-3-chloropropan	13.02	75	4271	8.42	ppb	#	87
102)	1,2,4-Trichlorobenzene	13.84	180	19616	8.56	ppb		86
103)	Hexachlorobutadiene	14.02	225	22274	8.90	ppb		94
104)	Naphthalene	14.08	128	34929	8.29	ppb	#	92
105)	1,2,3-Trichlorobenzene	14.32	180	24336	8.37	ppb		85

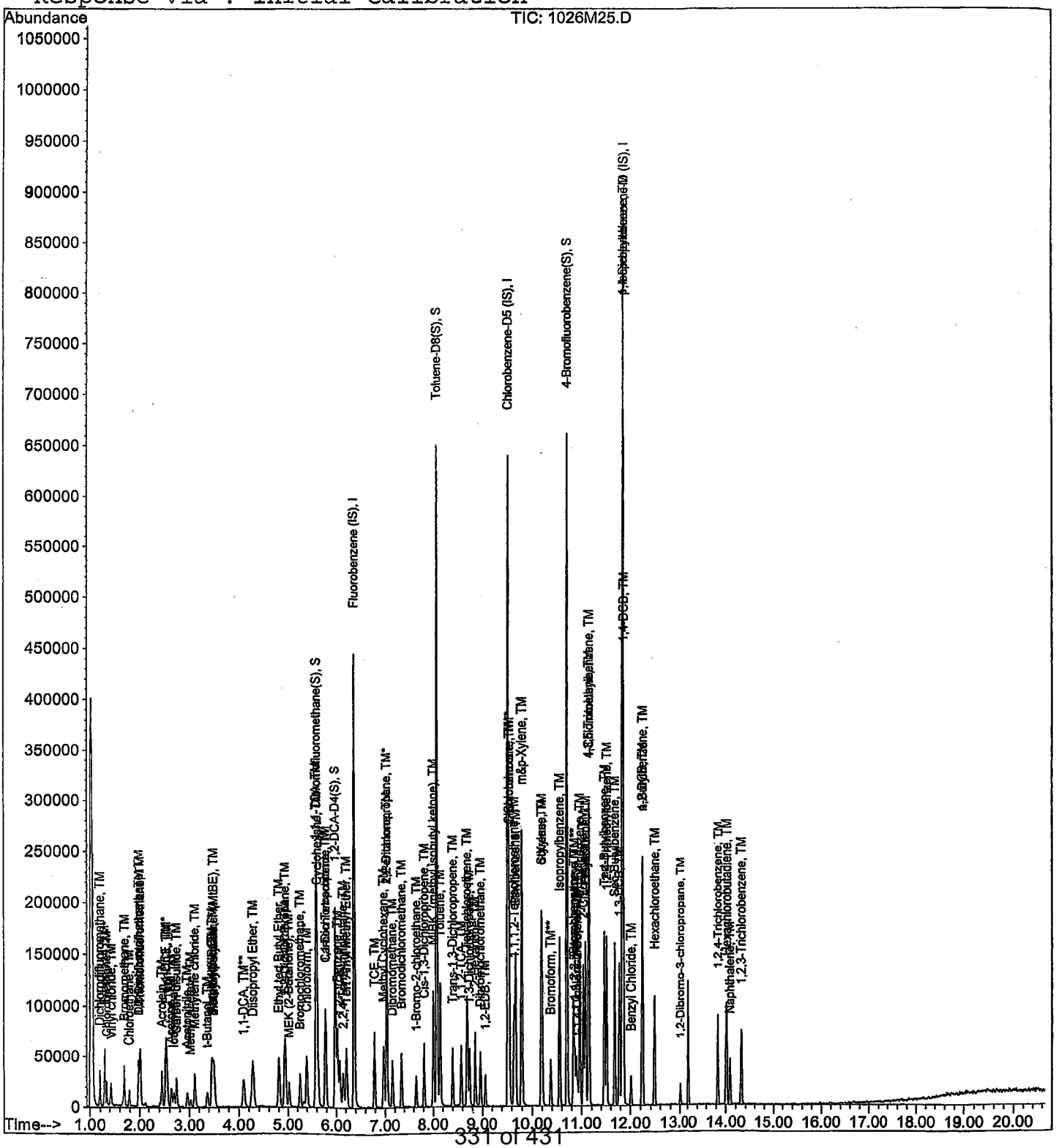
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1026M25.D Vial: 25
Acq On : 26 Oct 21 20:30 Operator: LP,DG,CH
Sample : 211026B CCV 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 27 7:38 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.
Case No:
Matrix: Water

SDG No:
Date Analyzed: 10/27/2021
Instrument: Max
Initial Cal. Date: 10/15/2021
Data File: 1026M45.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Fluorobenzene (IS)	ISTD			I	
2	TM	Chlorotrifluoroethene	0.0000	0.0154	0.00	TM	
3	TM	Dichlorodifluoromethane	0.1497	0.1189	21	TM	
4	TM	Freon 114	0.0839	0.0852	1.6	TM	
5	TM**	Chloromethane	0.0893	0.0782	12	TM**	
6	TM*	Vinyl chloride	0.1101	0.0869	21	TM*	
7	TM	2-Chloro-1,1,1-trifluoroethane	0.0000	0.0029	0.00	TM	
8	TM	Bromomethane	0.0931	0.0867	6.8	TM	
9	TML	Chloroethane	0.0844	0.0558	34	TML	19
10	TM	Dichlorofluoromethane	0.2416	0.2278	5.7	TM	
11	TM	Trichlorofluoromethane	0.2889	0.2462	15	TM	
12	TMQ	Acrolein	0.0145	0.0102	29	TMQ	27
13	TM	Acetone	0.0326	0.0266	18	TM	
14	TM	Freon-113	0.1176	0.1228	4.4	TM	
15	TM	Acetonitrile	0.0077	0.0071	8.7	TM	
16	TML	2-propanol	0.0000	0.0009	0.00	TML	
17	TM	1,2-Dichlorotrifluoroethane	0.2416	0.2278	5.7	TM	
18	TM*	1,1-DCE	0.1751	0.1633	6.7	TM*	
19	TMQ	t-Butanol	0.0101	0.0105	3.2	TMQ	3.4
20	TMQ	Methyl Acetate	0.0528	0.0490	7.3	TMQ	11
21	TML	Iodomethane	0.1096	0.1089	0.63	TML	9.2
22	TML	Acrylonitrile	0.0252	0.0294	17	TML	4.8
23	TM	2-Methylpentane	0.0000	0.0003	0.00	TM	
24	TM	Methylene chloride	0.1130	0.1198	6.0	TM	
25	TM	Carbon disulfide	0.1424	0.1378	3.3	TM	
26	TM	Methyl t-butyl ether (MtBE)	0.3769	0.3545	5.9	TM	
27	TM	Trans-1,2-DCE	0.1221	0.1037	15	TM	
28	TML	3-Methylpentane	0.0702	0.0601	14	TML	6.0
29	TM	Hexane	0.0000	0.0001	0.00	TM	
30	TM	Diisopropyl Ether	0.2351	0.2526	7.4	TM	
31	TM**	1,1-DCA	0.1831	0.1896	3.5	TM**	
32	TM	Ethyl tert Butyl Ether	0.3021	0.3159	4.6	TM	
33	TML	Methylcyclopentane	0.0160	0.0115	28	TML	13
34	TM	MEK (2-Butanone)	0.0341	0.0315	7.5	TM	
35	TM	Cis-1,2-DCE	0.1352	0.1316	2.6	TM	
36	TM	2,2-Dichloropropane	0.2349	0.1745	26	TM	
37	TM*	Chloroform	0.2377	0.2623	10	TM*	
38	TML	Bromochloromethane	0.1040	0.0980	5.7	TML	7.7
39	S	Dibromofluoromethane(S)	0.3105	0.3192	2.8	S	
40	TM	1,1,1-TCA	0.2791	0.2862	2.5	TM	
		Average			9.3		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Ending Continuing Calibration

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

SDG No:
Date Analyzed: 10/27/2021
Instrument: Max
Cal. Date: 10/15/2021
Data File: 1026M45.D

		Compound	MEAN	CCRF	%D		%Drift
41	TM	Cyclohexane	0.0798	0.0810	1.4	TM	
42	TM	1,1-Dichloropropene	0.1514	0.1610	6.3	TM	
43	TM	2,2,4-Trimethylpentane	0.1964	0.1759	10	TM	
44	S	1,2-DCA-D4(S)	0.2166	0.2176	0.49	S	
45	TM	Carbon Tetrachloride	0.2625	0.2521	3.9	TM	
46	TM	Tert Amyl Methyl Ether	0.2978	0.2948	1.0	TM	
47	TM	1,2-DCA	0.2350	0.2280	3.0	TM	
48	TM	Benzene	0.4384	0.4232	3.5	TM	
49	TM	TCE	0.1404	0.1384	1.4	TM	
50	TM	2-Pentanone	0.0570	0.0541	5.1	TM	
51	TM*L	1,2-Dichloropropane	0.0476	0.0524	10	TM*L	8.0
52	TM	Bromodichloromethane	0.1968	0.2084	5.9	TM	
53	TML	Methyl Cyclohexane	0.1542	0.1450	5.9	TML	3.9
54	TM	Dibromomethane	0.0856	0.0756	12	TM	
55	TM	MIBK (methyl isobutyl ketone)	0.0729	0.0701	3.7	TM	
56	TML	1-Bromo-2-chloroethane	0.0245	0.0267	9.1	TML	2.9
57	TM	2-Chloroethyl vinyl ether	0.0000	0.0000	0.00	TM	
58	TM	Cis-1,3-Dichloropropene	0.1763	0.1768	0.28	TM	
59	TM*	Toluene	0.5070	0.5036	0.66	TM*	
60	TM	Trans-1,3-Dichloropropene	0.1749	0.1755	0.36	TM	
61	TM	1,1,2-TCA	0.0786	0.0771	1.9	TM	
62	TM	2-Hexanone	0.0493	0.0459	6.7	TM	
63	I	Chlorobenzene-D5 (IS)	ISTD			I	
64	S	Toluene-D8(S)	1.149	1.159	0.83	S	
65	TM	1,2-EDB	0.1319	0.1236	6.3	TM	
66	TML	Tetrachloroethene	0.2207	0.1250	43	TML	4.8
67	TM	1-Chlorohexane	0.0992	0.0980	1.3	TM	
68	TM	1,1,1,2-Tetrachloroethane	0.1860	0.1957	5.2	TM	
69	TM	m&p-Xylene	0.2826	0.2930	3.7	TM	
70	TM	o-Xylene	0.2964	0.2859	3.5	TM	
71	TM	Styrene	0.4463	0.4515	1.2	TM	
72	S	4-Bromofluorobenzene(S)	0.4641	0.4666	0.54	S	
73	TM	1,3-Dichloropropane	0.1940	0.1852	4.5	TM	
74	TM	Dibromochloromethane	0.1941	0.1901	2.0	TM	
75	TM**	Chlorobenzene	0.4334	0.4401	1.6	TM**	
76	TM*	Ethylbenzene	0.6860	0.6813	0.68	TM*	
77	TM**	Bromoform	0.1611	0.1526	5.3	TM**	
78	I	1,4-Dichlorobenzene-D (IS)	ISTD			I	
79	TM	Isopropylbenzene	1.166	1.163	0.26	TM	
80	TM**	1,1,2,2-Tetrachloroethane	0.2001	0.1823	8.9	TM**	
		Average			4.8		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Ending Continuing Calibration

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

SDG No:
Date Analyzed: 10/27/2021
Instrument: Max
Cal. Date: 10/15/2021
Data File: 1026M45.D

		Compound	MEAN	CCRF	%D		%Drift
81	TM	1,2,3-Trichloropropane	0.1000	0.0918	8.2	TM	
82	TML	t-1,4-Dichloro-2-Butene	0.0601	0.0444	26	TML	12
83	TM	Bromobenzene	0.3816	0.3844	0.73	TM	
84	TM	n-Propylbenzene	1.151	1.195	3.7	TM	
85	TM	4-Ethyltoluene	1.063	1.111	4.5	TM	
86	TM	2-Chlorotoluene	0.9129	0.8979	1.6	TM	
87	TM	1,3,5-Trimethylbenzene	0.9948	0.9968	0.20	TM	
88	TM	4-Chlorotoluene	0.9068	0.9134	0.73	TM	
89	TM	Tert-Butylbenzene	0.5492	0.5888	7.2	TM	
90	TM	1,2,4-Trimethylbenzene	0.9425	1.010	7.1	TM	
91	TM	Sec-Butylbenzene	1.051	1.135	8.0	TM	
92	TM	p-Isopropyltoluene	1.016	1.081	6.4	TM	
93	TM	Benzyl Chloride	0.2406	0.1364	43	TM	
94	TM	1,3-DCB	0.6644	0.6828	2.8	TM	
95	TM	1,4-DCB	0.6767	0.6827	0.89	TM	
96	TML	n-Butylbenzene	0.5721	0.5954	4.1	TML	12
97	TM	1,2-DCB	0.6504	0.6446	0.89	TM	
98	TM	Hexachloroethane	0.1703	0.1708	0.31	TM	
99	TML	1,2-Dibromo-3-chloropropane	0.0437	0.0445	1.7	TML	20
100	TML	1,2,4-Trichlorobenzene	0.1936	0.1929	0.38	TML	21
101	TML	Hexachlorobutadiene	0.2401	0.2387	0.58	TML	13
102	TMQ	Naphthalene	0.4088	0.3791	7.3	TMQ	18
103	TML	1,2,3-Trichlorobenzene	0.2371	0.2631	11	TML	17
104							
105							
106							
107							
108							
109							
110							
111							
112							
113							
114							
115							
116							
117							
118							
119							
120							
		Average			6.4		

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1026M45.D Vial: 45
Acq On : 27 Oct 21 5:55 Operator: LP,DG,CH
Sample : Ending CCV 10ug/L 10/26/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 27 7:38 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	387172	25.00	ppb		0.03
65) Chlorobenzene-D5 (IS)	9.52	117	351019	25.00	ppb		0.03
80) 1,4-Dichlorobenzene-D (IS)	11.84	152	224090	25.00	ppb		0.02
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.59	111	123594	25.70	ppb		0.03
Spiked Amount 25.000			Recovery = 102.812%				
46) 1,2-DCA-D4(S)	5.98	65	84256	25.12	ppb		0.03
Spiked Amount 25.000			Recovery = 100.488%				
66) Toluene-D8(S)	8.08	98	406676	25.21	ppb		0.03
Spiked Amount 25.000			Recovery = 100.828%				
74) 4-Bromofluorobenzene(S)	10.70	95	163775	25.13	ppb		0.02
Spiked Amount 25.000			Recovery = 100.536%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.19	85	18416	7.94	ppb		98
4) Freon 114	1.30	85	13197	10.16	ppb		86
5) Chloromethane	1.34	50	12114	8.76	ppb		99
6) Vinyl chloride	1.43	62	13451	7.89	ppb		100
8) Bromomethane	1.69	94	13434	9.32	ppb		95
9) Chloroethane	1.79	64	8643	8.07	ppb		96
10) Dichlorofluoromethane	1.99	67	35275	9.43	ppb		98
11) Trichlorofluoromethane	2.02	101	38134	8.52	ppb		90
13) Acrolein	2.45	56	19792	91.65	ppb		96
14) Acetone	2.63	43	20595	40.80	ppb		95
15) Freon-113	2.55	151	19016	10.44	ppb		89
16) Acetonitrile	2.95	41	13697	114.18	ppb		90
18) 1,2-Dichlorotrifluoroethan	1.99	67	35275	9.43	ppb		100
19) 1,1-DCE	2.53	61	25296	9.33	ppb		92
20) t-Butanol	3.36	59	20240	129.25	ppb		94
21) Methyl Acetate	3.02	43	7582	8.93	ppb		99
22) Iodomethane	2.68	142	16869	9.08	ppb		97
23) Acrylonitrile	3.47	53	4550	9.52	ppb	#	58
25) Methylene chloride	3.11	84	18553	10.60	ppb		87
26) Carbon disulfide	2.73	76	21336	9.67	ppb		95
27) Methyl t-butyl ether (MtBE	3.50	73	54908	9.41	ppb		95
28) Trans-1,2-DCE	3.46	96	16061	8.50	ppb		93
29) 3-Methylpentane	3.50	57	9313	9.40	ppb		90
31) Diisopropyl Ether	4.27	45	39113	10.74	ppb		98
32) 1,1-DCA	4.09	63	29360	10.35	ppb	#	92
34) Ethyl tert Butyl Ether	4.80	59	48925	10.46	ppb		92
35) Methylcyclopentane	4.79	56	1776	8.65	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1026M45.D
Acq On : 27 Oct 21 5:55
Sample : Ending CCV 10ug/L 10/26/21
Misc : IS&S 8/4/21

Vial: 45
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 27 7:38 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
36)	MEK (2-Butanone)	5.02	43	24415	46.26	ppb		91
37)	Cis-1,2-DCE	4.94	96	20386	9.74	ppb		97
38)	2,2-Dichloropropane	4.93	77	27018	7.43	ppb	#	86
39)	Chloroform	5.39	83	40623	11.04	ppb		98
40)	Bromochloromethane	5.25	130	15179	9.23	ppb	#	84
42)	1,1,1-TCA	5.57	97	44321	10.25	ppb		94
43)	Cyclohexane	5.61	41	12538	10.14	ppb		82
44)	1,1-Dichloropropene	5.78	75	24928	10.63	ppb		93
45)	2,2,4-Trimethylpentane	6.15	57	27244	8.96	ppb		85
47)	Carbon Tetrachloride	5.77	117	39049	9.61	ppb		84
48)	Tert Amyl Methyl Ether	6.22	73	45650	9.90	ppb		98
49)	1,2-DCA	6.07	62	35306	9.70	ppb	#	92
50)	Benzene	6.02	78	65536	9.65	ppb		96
51)	TCE	6.78	95	21430	9.86	ppb	#	83
52)	2-Pentanone	7.03	43	104696	118.68	ppb		98
53)	1,2-Dichloropropane	7.02	63	8121	10.80	ppb		97
54)	Bromodichloromethane	7.34	83	32272	10.59	ppb		93
55)	Methyl Cyclohexane	6.97	83	22460	9.61	ppb		87
56)	Dibromomethane	7.15	93	11712	8.83	ppb		93
57)	MIBK (methyl isobutyl ket	8.00	43	54297	48.13	ppb		97
58)	1-Bromo-2-chloroethane	7.65	144	4142	9.71	ppb		86
60)	Cis-1,3-Dichloropropene	7.81	75	27386	10.03	ppb		90
61)	Toluene	8.14	91	77994	9.93	ppb		97
62)	Trans-1,3-Dichloropropene	8.39	75	27178	10.04	ppb		99
63)	1,1,2-TCA	8.57	83	11941	9.81	ppb		93
64)	2-Hexanone	8.85	43	35577	46.63	ppb		95
67)	1,2-EDB	9.05	107	17359	9.37	ppb		88
68)	Tetrachloroethene	8.69	164	17552	9.52	ppb		84
69)	1-Chlorohexane	9.55	91	13753	9.87	ppb		91
70)	1,1,1,2-Tetrachloroethane	9.64	131	27480	10.52	ppb		96
71)	m&p-Xylene	9.79	106	82282	20.74	ppb		98
72)	o-Xylene	10.18	106	40139	9.65	ppb		94
73)	Styrene	10.20	104	63387	10.12	ppb	#	96
75)	1,3-Dichloropropane	8.73	76	25999	9.55	ppb		98
76)	Dibromochloromethane	8.96	129	26693	9.80	ppb		97
77)	Chlorobenzene	9.55	112	61798	10.16	ppb		99
78)	Ethylbenzene	9.67	91	95663	9.93	ppb		95
79)	Bromoform	10.37	173	21423	9.47	ppb		99
81)	Isopropylbenzene	10.55	105	104225	9.97	ppb		96
82)	1,1,2,2-Tetrachloroethane	10.87	83	16338	9.11	ppb		96
83)	1,2,3-Trichloropropane	10.89	110	8233	9.18	ppb		87
84)	t-1,4-Dichloro-2-Butene	10.92	53	3982	8.76	ppb	#	54

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1026M45.D Vial: 45
Acq On : 27 Oct 21 5:55 Operator: LP,DG,CH
Sample : Ending CCV 10ug/L 10/26/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 27 7:38 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
85)	Bromobenzene	10.84	156	34459	10.07 ppb	97
86)	n-Propylbenzene	10.97	91	107071	10.37 ppb	96
87)	4-Ethyltoluene	11.08	105	99548	10.45 ppb	97
88)	2-Chlorotoluene	11.04	91	80484	9.84 ppb	93
89)	1,3,5-Trimethylbenzene	11.14	105	89346	10.02 ppb	97
90)	4-Chlorotoluene	11.15	91	81873	10.07 ppb	97
91)	Tert-Butylbenzene	11.46	119	52776	10.72 ppb	100
92)	1,2,4-Trimethylbenzene	11.51	105	90510	10.71 ppb	100
93)	Sec-Butylbenzene	11.68	105	101730	10.80 ppb	98
94)	p-Isopropyltoluene	11.83	119	96922	10.64 ppb	100
95)	Benzyl Chloride	12.01	91	12223	5.67 ppb	96
96)	1,3-DCB	11.78	146	61205	10.28 ppb	98
97)	1,4-DCB	11.87	146	61196	10.09 ppb	94
98)	n-Butylbenzene	12.24	91	53372	8.85 ppb	98
99)	1,2-DCB	12.23	146	57780	9.91 ppb	99
100)	Hexachloroethane	12.48	117	15309	10.03 ppb	90
101)	1,2-Dibromo-3-chloropropan	13.02	75	3985	8.04 ppb	90
102)	1,2,4-Trichlorobenzene	13.83	180	17288	7.90 ppb	94
103)	Hexachlorobutadiene	14.01	225	21400	8.72 ppb	95
104)	Naphthalene	14.08	128	33985	8.21 ppb	97
105)	1,2,3-Trichlorobenzene	14.32	180	23587	8.28 ppb	91

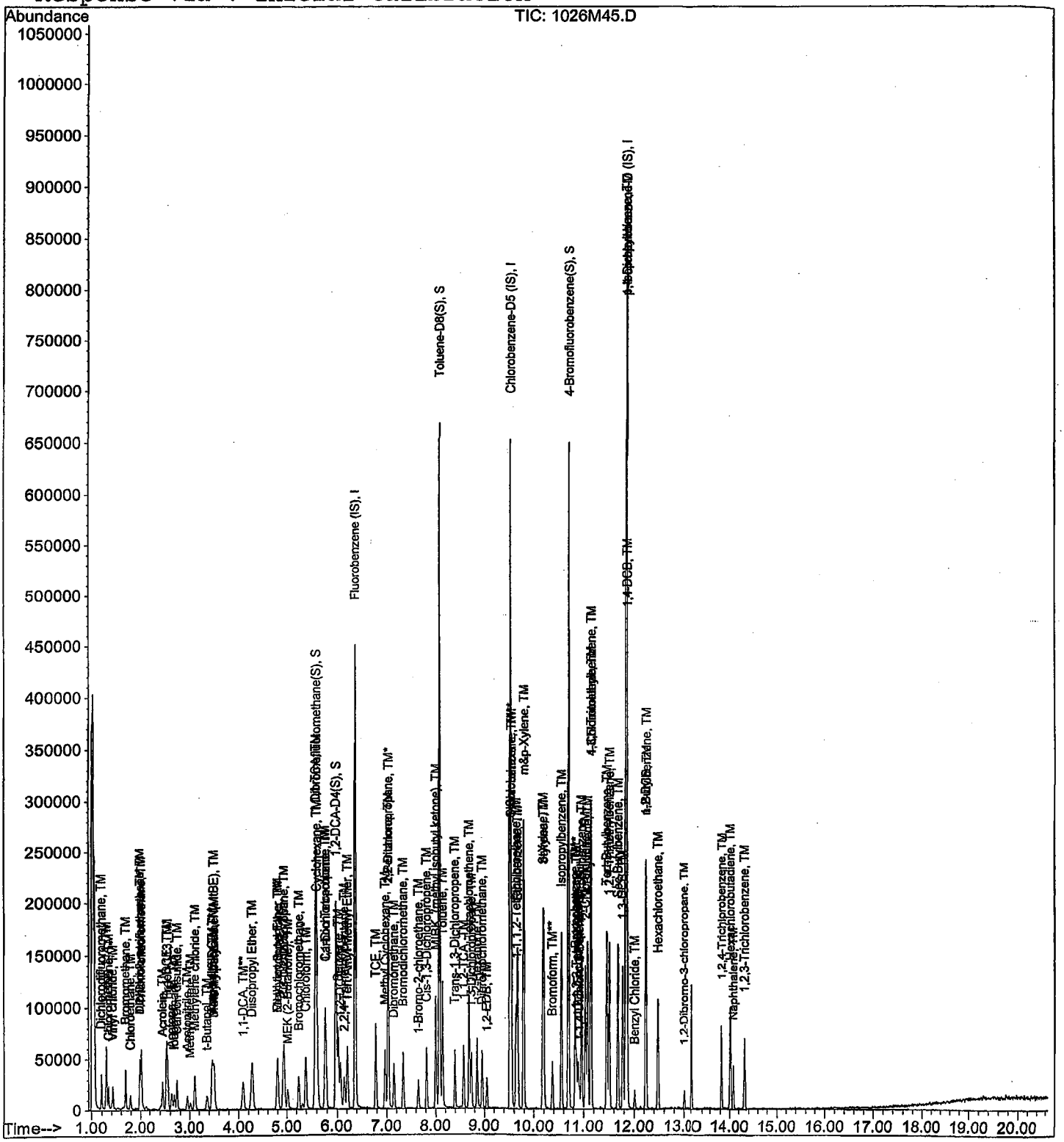
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1026M45.D Vial: 45
Acq On : 27 Oct 21 5:55 Operator: LP,DG,CH
Sample : Ending CCV 10ug/L 10/26/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 27 7:38 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

Data File : M:\MAX\DATA\211015\1026M32.D Vial: 32
Acq On : 26 Oct 21 23:48 Operator: LP,DG,CH
Sample : BA43831W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 27 11:05 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	380538	25.00	ppb	0.03
65) Chlorobenzene-D5 (IS)	9.52	117	340415	25.00	ppb	0.03
80) 1,4-Dichlorobenzene-D (IS)	11.85	152	213661	25.00	ppb	0.03
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.59	111	119131	25.21	ppb	0.03
Spiked Amount 25.000			Recovery =	100.828%		
46) 1,2-DCA-D4(S)	5.98	65	78184	23.72	ppb	0.03
Spiked Amount 25.000			Recovery =	94.872%		
66) Toluene-D8(S)	8.08	98	382036	24.42	ppb	0.03
Spiked Amount 25.000			Recovery =	97.668%		
74) 4-Bromofluorobenzene(S)	10.70	95	151274	23.94	ppb	0.03
Spiked Amount 25.000			Recovery =	95.756%		

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

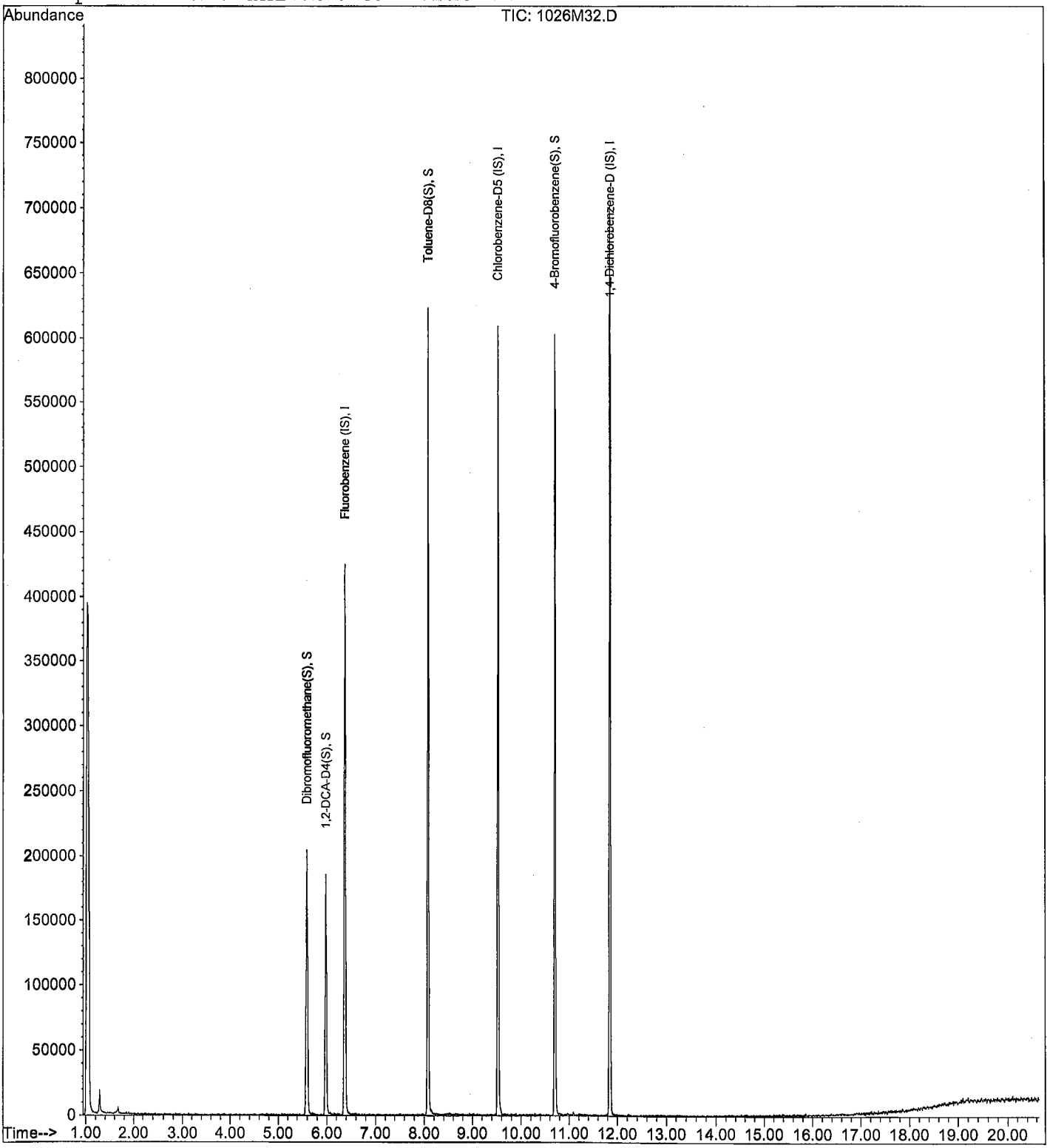
Data File : M:\MAX\DATA\211015\1026M32.D
Acq On : 26 Oct 21 23:48
Sample : BA43831W01
Misc : IS&S 8/4/21

Vial: 32
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 27 11:05 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



Data File : M:\MAX\DATA\211015\1026M33.D
Acq On : 27 Oct 21 00:16
Sample : BA43832W01
Misc : IS&S 8/4/21

Vial: 33
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 27 11:07 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	380180	25.00	ppb	0.03
65) Chlorobenzene-D5 (IS)	9.53	117	340764	25.00	ppb	0.03
80) 1,4-Dichlorobenzene-D (IS)	11.85	152	209940	25.00	ppb	0.03
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.59	111	121515	25.74	ppb	0.03
Spiked Amount 25.000			Recovery =	102.940%		
46) 1,2-DCA-D4(S)	5.98	65	82664	25.10	ppb	0.03
Spiked Amount 25.000			Recovery =	100.404%		
66) Toluene-D8(S)	8.08	98	385805	24.63	ppb	0.03
Spiked Amount 25.000			Recovery =	98.532%		
74) 4-Bromofluorobenzene(S)	10.70	95	154434	24.41	ppb	0.03
Spiked Amount 25.000			Recovery =	97.656%		

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

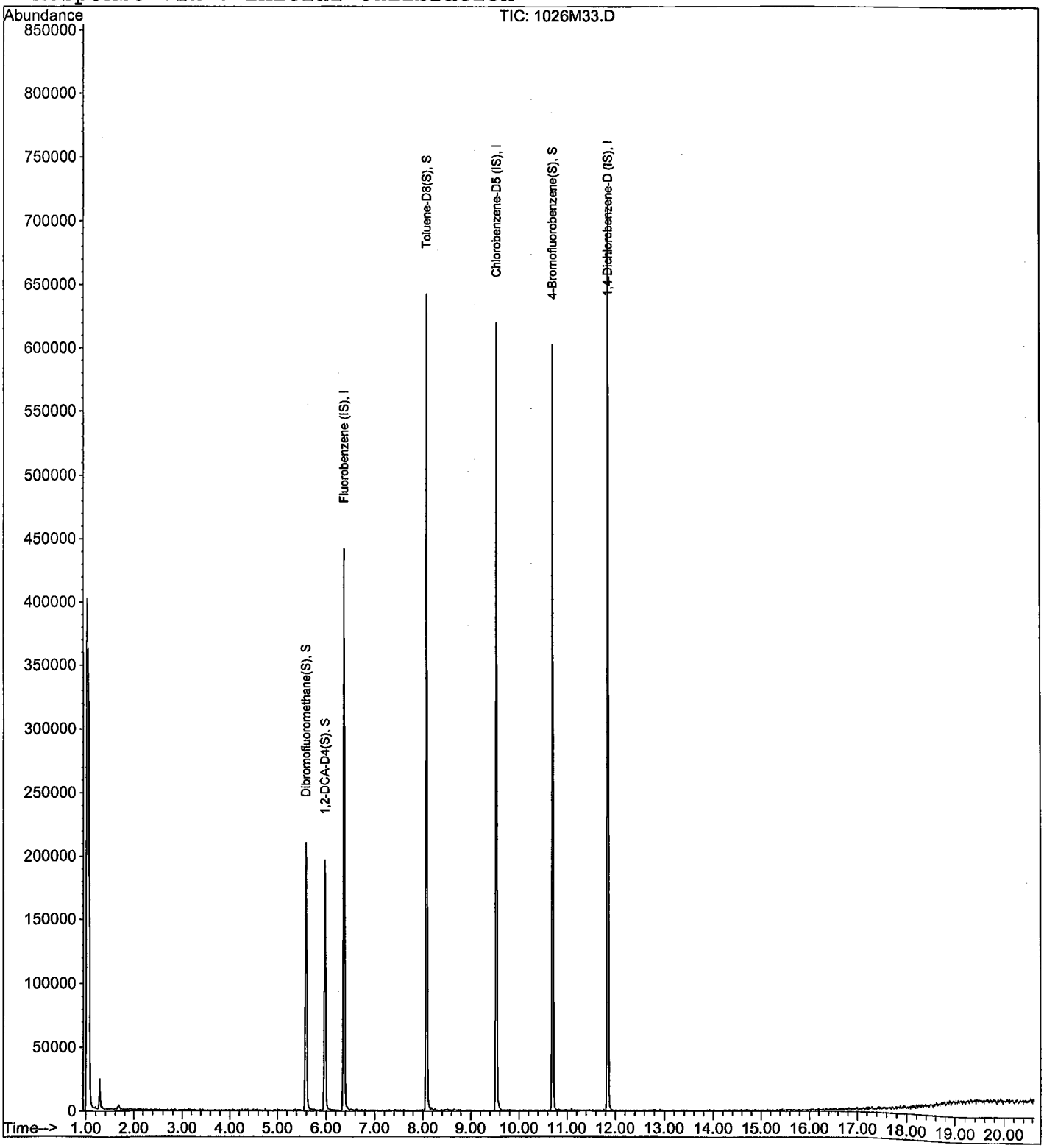
Data File : M:\MAX\DATA\211015\1026M33.D
Acq On : 27 Oct 21 00:16
Sample : BA43832W01
Misc : IS&S 8/4/21

Vial: 33
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 27 11:07 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



Data File : M:\MAX\DATA\211015\1026M34.D
Acq On : 27 Oct 21 00:44
Sample : BA43833W01
Misc : IS&S 8/4/21

Vial: 34
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 27 11:08 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	396001	25.00 ppb	0.03
65) Chlorobenzene-D5 (IS)	9.53	117	348920	25.00 ppb	0.03
80) 1,4-Dichlorobenzene-D (IS)	11.85	152	214989	25.00 ppb	0.03
System Monitoring Compounds					
41) Dibromofluoromethane(S)	5.59	111	127562	25.94 ppb	0.03
Spiked Amount 25.000			Recovery =	103.748%	
46) 1,2-DCA-D4(S)	5.98	65	84064	24.51 ppb	0.03
Spiked Amount 25.000			Recovery =	98.024%	
66) Toluene-D8(S)	8.08	98	405998	25.32 ppb	0.03
Spiked Amount 25.000			Recovery =	101.264%	
74) 4-Bromofluorobenzene(S)	10.70	95	156380	24.14 ppb	0.03
Spiked Amount 25.000			Recovery =	96.576%	

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

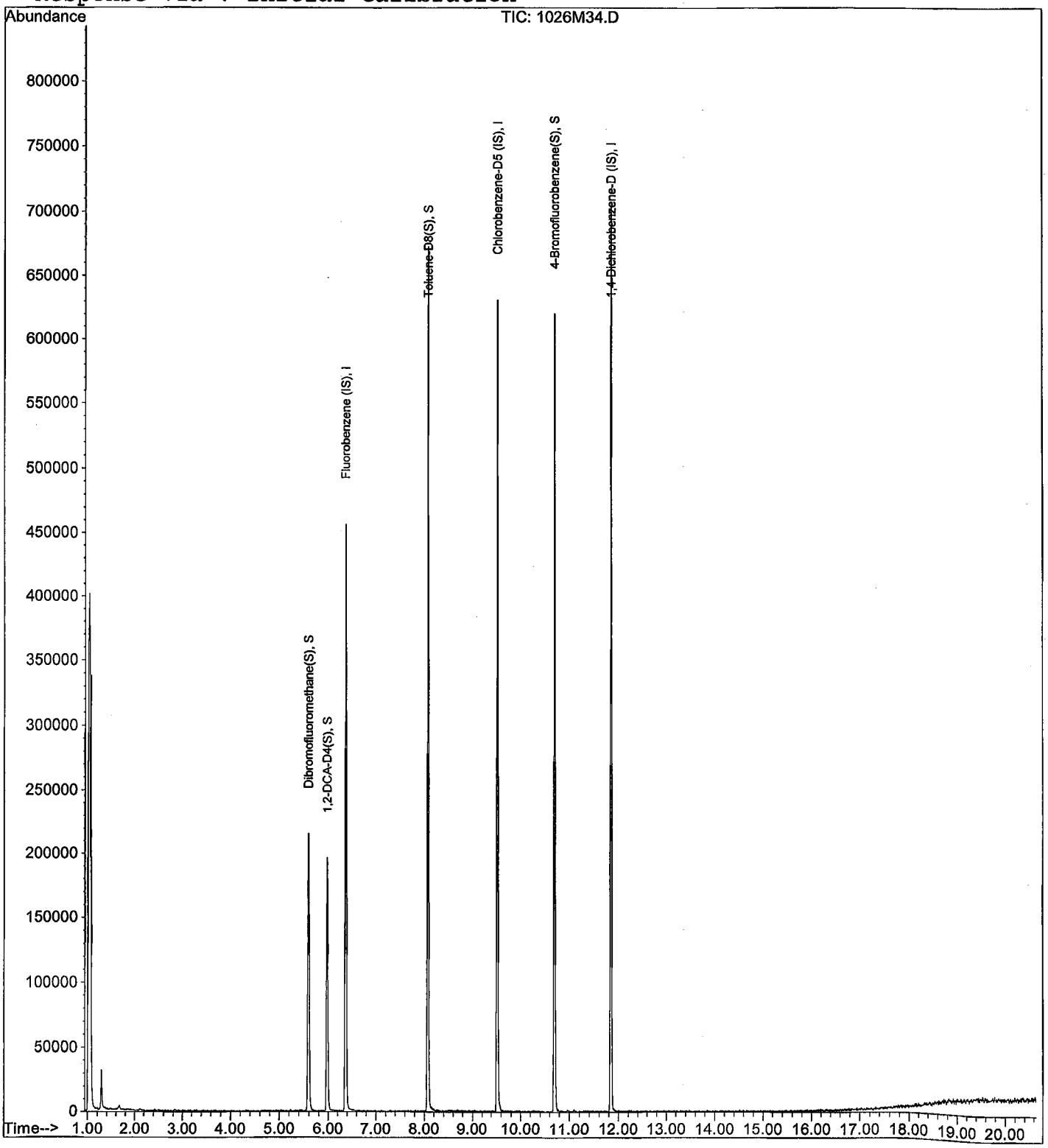
Data File : M:\MAX\DATA\211015\1026M34.D
Acq On : 27 Oct 21 00:44
Sample : BA43833W01
Misc : IS&S 8/4/21

Vial: 34
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 27 11:08 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\1026M31.D
Acq On : 26 Oct 21 23:20
Sample : 211026B BLK
Misc : IS&S 8/4/21

Vial: 31
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 27 8:05 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	396235	25.00 ppb	0.03
65) Chlorobenzene-D5 (IS)	9.53	117	350438	25.00 ppb	0.03
80) 1,4-Dichlorobenzene-D (IS)	11.85	152	212898	25.00 ppb	0.03
System Monitoring Compounds					
41) Dibromofluoromethane(S)	5.59	111	122793	24.95 ppb	0.03
Spiked Amount 25.000			Recovery =	99.808%	
46) 1,2-DCA-D4(S)	5.98	65	85552	24.93 ppb	0.03
Spiked Amount 25.000			Recovery =	99.700%	
66) Toluene-D8(S)	8.08	98	398165	24.72 ppb	0.03
Spiked Amount 25.000			Recovery =	98.880%	
74) 4-Bromofluorobenzene(S)	10.70	95	162293	24.95 ppb	0.03
Spiked Amount 25.000			Recovery =	99.792%	

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

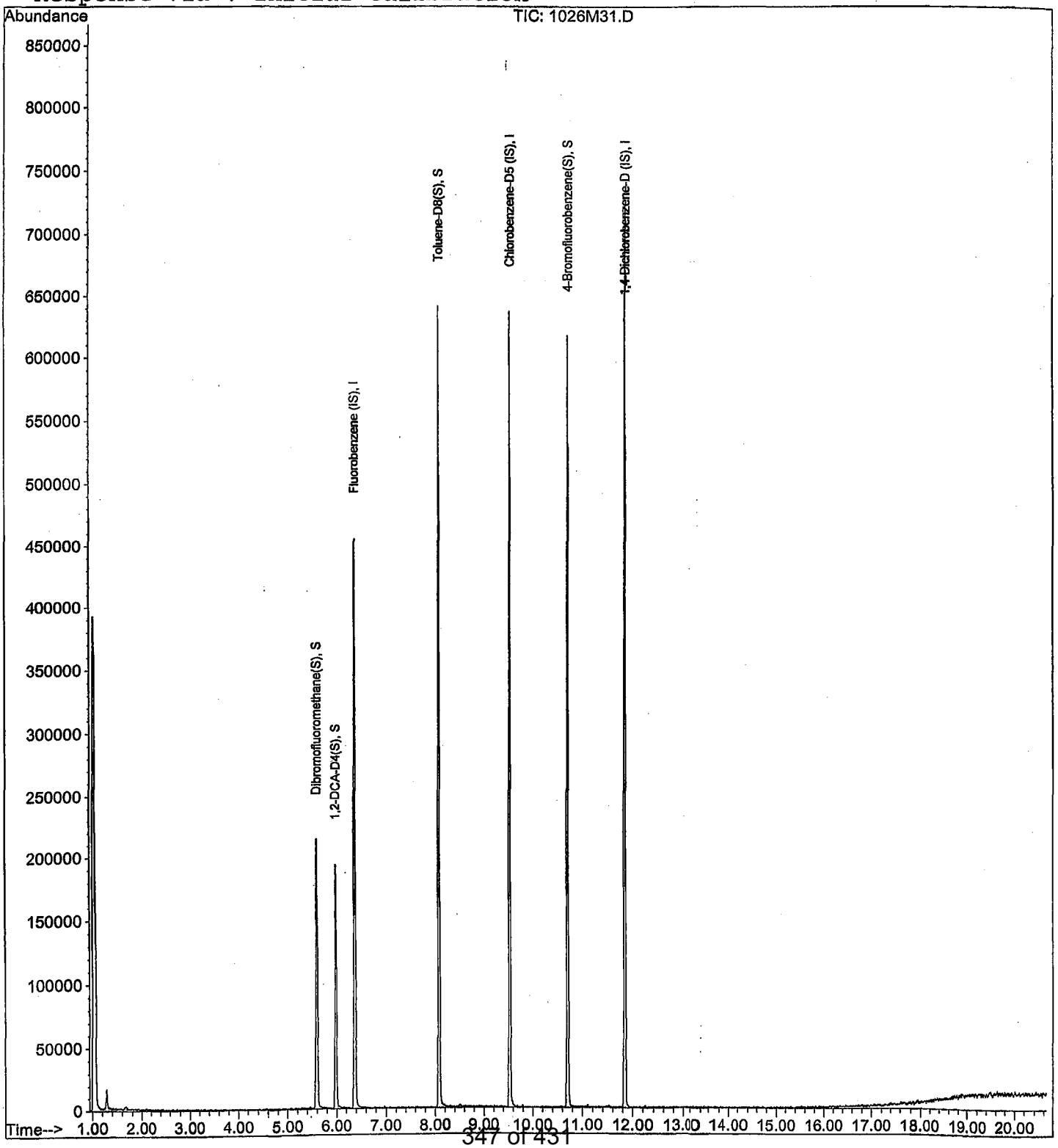
Data File : M:\MAX\DATA\211015\1026M31.D
Acq On : 26 Oct 21 23:20
Sample : 211026B BLK
Misc : IS&S 8/4/21

Vial: 31
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 27 8:05 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 (Not Reviewed)

Data File : M:\MAX\DATA\211015\1026M26.D Vial: 26
Acq On : 26 Oct 21 20:58 Operator: LP,DG,CH
Sample : 211026B LCS 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 27 7:38 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	384412	25.00	ppb		0.03
65) Chlorobenzene-D5 (IS)	9.53	117	344538	25.00	ppb		0.03
80) 1,4-Dichlorobenzene-D (IS)	11.85	152	230340	25.00	ppb		0.03
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.59	111	122707	25.70	ppb		0.03
Spiked Amount 25.000			Recovery = 102.808%				
46) 1,2-DCA-D4(S)	5.98	65	86592	26.00	ppb		0.03
Spiked Amount 25.000			Recovery = 104.016%				
66) Toluene-D8(S)	8.08	98	402333	25.41	ppb		0.03
Spiked Amount 25.000			Recovery = 101.628%				
74) 4-Bromofluorobenzene(S)	10.70	95	165389	25.86	ppb		0.03
Spiked Amount 25.000			Recovery = 103.436%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.20	85	19984	8.68	ppb		99
4) Freon 114	1.30	85	13756	10.67	ppb		75
5) Chloromethane	1.34	50	13070	9.52	ppb		95
6) Vinyl chloride	1.43	62	15016	8.87	ppb		99
8) Bromomethane	1.69	94	13995	9.78	ppb		96
9) Chloroethane	1.79	64	10463	9.59	ppb	#	86
10) Dichlorofluoromethane	1.99	67	37572	10.11	ppb		90
11) Trichlorofluoromethane	2.02	101	43384	9.77	ppb		95
13) Acrolein	2.46	56	24816	115.33	ppb		94
14) Acetone	2.63	43	22327	44.55	ppb		98
15) Freon-113	2.55	151	18363	10.16	ppb		97
16) Acetonitrile	2.96	41	14482	121.59	ppb	#	95
18) 1,2-Dichlorotrifluoroethan	1.99	67	37572	10.11	ppb		100
19) 1,1-DCE	2.53	61	25598	9.51	ppb		98
20) t-Butanol	3.37	59	20369	131.21	ppb		97
21) Methyl Acetate	3.02	43	9041	10.73	ppb	#	83
22) Iodomethane	2.68	142	17296	9.33	ppb		94
23) Acrylonitrile	3.48	53	5326	11.24	ppb	#	73
25) Methylene chloride	3.12	84	18885	10.87	ppb		98
26) Carbon disulfide	2.74	76	20448	9.34	ppb		95
27) Methyl t-butyl ether (MtBE	3.50	73	60960	10.52	ppb	#	89
28) Trans-1,2-DCE	3.46	96	18564	9.89	ppb		99
29) 3-Methylpentane	3.51	57	9651	9.83	ppb		86
31) Diisopropyl Ether	4.28	45	39861	11.03	ppb		98
32) 1,1-DCA	4.10	63	31658	11.25	ppb	#	96
34) Ethyl tert Butyl Ether	4.81	59	48057	10.35	ppb		96
35) Methylcyclopentane	4.81	56	2400	12.29	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1026M26.D Vial: 26
Acq On : 26 Oct 21 20:58 Operator: LP,DG,CH
Sample : 211026B LCS 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 27 7:38 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
36)	MEK (2-Butanone)	5.02	43	26982	51.49	ppb		86
37)	Cis-1,2-DCE	4.95	96	21298	10.25	ppb		91
38)	2,2-Dichloropropane	4.93	77	34519	9.56	ppb		97
39)	Chloroform	5.39	83	41439	11.34	ppb		90
40)	Bromochloromethane	5.26	130	17390	10.72	ppb	#	86
42)	1,1,1-TCA	5.58	97	45090	10.51	ppb		96
43)	Cyclohexane	5.62	41	12084	9.84	ppb		92
44)	1,1-Dichloropropene	5.79	75	24590	10.56	ppb		90
45)	2,2,4-Trimethylpentane	6.15	57	30250	10.02	ppb	#	81
47)	Carbon Tetrachloride	5.77	117	41812	10.36	ppb		97
48)	Tert Amyl Methyl Ether	6.22	73	48944	10.69	ppb	#	92
49)	1,2-DCA	6.07	62	37862	10.48	ppb	#	91
50)	Benzene	6.03	78	69821	10.36	ppb		99
51)	TCE	6.78	95	21827	10.11	ppb		87
52)	2-Pentanone	7.04	43	115184	131.50	ppb		94
53)	1,2-Dichloropropane	7.03	63	7230	9.65	ppb		99
54)	Bromodichloromethane	7.34	83	32251	10.66	ppb		100
55)	Methyl Cyclohexane	6.97	83	22916	9.88	ppb		95
56)	Dibromomethane	7.15	93	12891	9.79	ppb		93
57)	MIBK (methyl isobutyl ket	8.01	43	59671	53.27	ppb		96
58)	1-Bromo-2-chloroethane	7.65	144	4613	10.89	ppb		89
60)	Cis-1,3-Dichloropropene	7.82	75	28050	10.35	ppb		91
61)	Toluene	8.15	91	79977	10.26	ppb		96
62)	Trans-1,3-Dichloropropene	8.40	75	30309	11.27	ppb		90
63)	1,1,2-TCA	8.57	83	13277	10.99	ppb		92
64)	2-Hexanone	8.85	43	39288	51.86	ppb		97
67)	1,2-EDB	9.06	107	18318	10.08	ppb		97
68)	Tetrachloroethene	8.69	164	17976	10.00	ppb		83
69)	1-Chlorohexane	9.56	91	13192	9.65	ppb		94
70)	1,1,1,2-Tetrachloroethane	9.65	131	28007	10.93	ppb		96
71)	m&p-Xylene	9.80	106	81214	20.85	ppb		92
72)	o-Xylene	10.19	106	41665	10.20	ppb		100
73)	Styrene	10.20	104	66482	10.81	ppb		98
75)	1,3-Dichloropropane	8.74	76	28707	10.74	ppb		94
76)	Dibromochloromethane	8.96	129	27788	10.39	ppb		99
77)	Chlorobenzene	9.56	112	61589	10.31	ppb		95
78)	Ethylbenzene	9.68	91	97805	10.35	ppb		96
79)	Bromoform	10.37	173	22727	10.24	ppb		99
81)	Isopropylbenzene	10.56	105	108731	10.12	ppb		96
82)	1,1,2,2-Tetrachloroethane	10.87	83	18621	10.10	ppb		90
83)	1,2,3-Trichloropropane	10.90	110	8542	9.27	ppb		90
84)	t-1,4-Dichloro-2-Butene	10.93	53	3999	8.57	ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1026M26.D Vial: 26
Acq On : 26 Oct 21 20:58 Operator: LP,DG,CH
Sample : 211026B LCS 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 27 7:38 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
85)	Bromobenzene	10.84	156	37902	10.78	ppb		96
86)	n-Propylbenzene	10.97	91	111766	10.54	ppb		98
87)	4-Ethyltoluene	11.08	105	102540	10.47	ppb		96
88)	2-Chlorotoluene	11.04	91	86101	10.24	ppb		92
89)	1,3,5-Trimethylbenzene	11.15	105	93508	10.20	ppb		97
90)	4-Chlorotoluene	11.15	91	88144	10.55	ppb		97
91)	Tert-Butylbenzene	11.47	119	55664	11.00	ppb		98
92)	1,2,4-Trimethylbenzene	11.51	105	97292	11.20	ppb		99
93)	Sec-Butylbenzene	11.68	105	104546	10.80	ppb		97
94)	p-Isopropyltoluene	11.83	119	102704	10.97	ppb		99
95)	Benzyl Chloride	12.01	91	20416	9.21	ppb	#	88
96)	1,3-DCB	11.78	146	64107	10.47	ppb		97
97)	1,4-DCB	11.87	146	61606	9.88	ppb		92
98)	n-Butylbenzene	12.24	91	62443	9.89	ppb		95
99)	1,2-DCB	12.24	146	62773	10.48	ppb		95
100)	Hexachloroethane	12.48	117	17913	11.42	ppb		88
101)	1,2-Dibromo-3-chloropropan	13.02	75	4863	9.35	ppb		85
102)	1,2,4-Trichlorobenzene	13.84	180	20568	8.79	ppb		92
103)	Hexachlorobutadiene	14.01	225	24853	9.72	ppb		96
104)	Naphthalene	14.08	128	43249	9.86	ppb		99
105)	1,2,3-Trichlorobenzene	14.32	180	27435	9.03	ppb		93

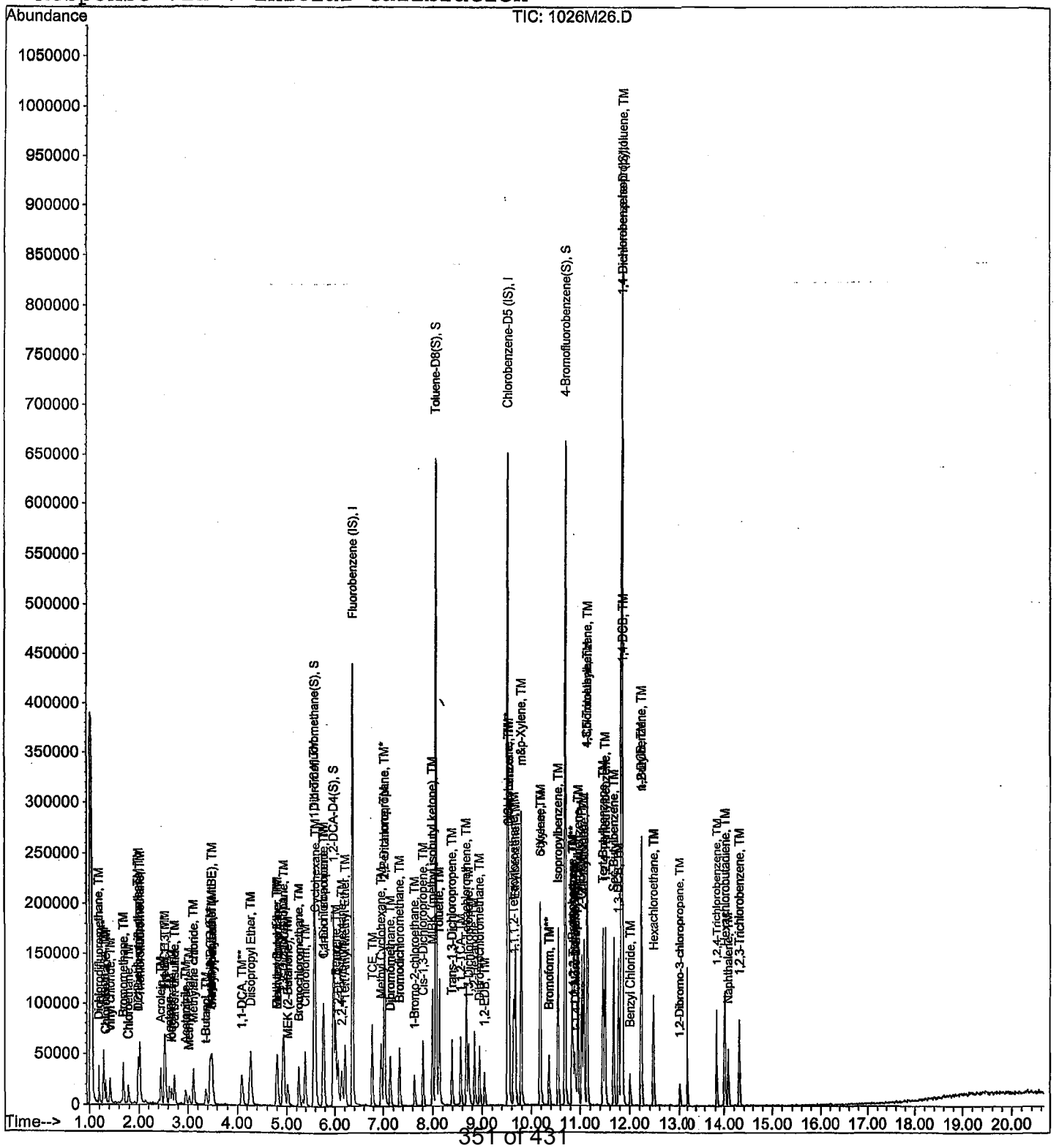
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1026M26.D Vial: 26
Acq On : 26 Oct 21 20:58 Operator: LP,DG,CH
Sample : 211026B LCS 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 27 7:38 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\1026M27.D Vial: 27
Acq On : 26 Oct 21 21:26 Operator: LP,DG,CH
Sample : 211026B LCSD 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 27 7:38 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	379540	25.00	ppb		0.03
65) Chlorobenzene-D5 (IS)	9.53	117	341797	25.00	ppb		0.03
80) 1,4-Dichlorobenzene-D (IS)	11.85	152	227568	25.00	ppb		0.03
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.59	111	121442	25.76	ppb		0.03
Spiked Amount 25.000			Recovery = 103.052%				
46) 1,2-DCA-D4(S)	5.98	65	82992	25.24	ppb		0.03
Spiked Amount 25.000			Recovery = 100.972%				
66) Toluene-D8(S)	8.08	98	395294	25.16	ppb		0.03
Spiked Amount 25.000			Recovery = 100.648%				
74) 4-Bromofluorobenzene(S)	10.70	95	162229	25.57	ppb		0.03
Spiked Amount 25.000			Recovery = 102.276%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.20	85	18448	8.12	ppb		99
4) Freon 114	1.30	85	12941	10.17	ppb		79
5) Chloromethane	1.34	50	11148	8.22	ppb		95
6) Vinyl chloride	1.43	62	13302	7.96	ppb		98
8) Bromomethane	1.69	94	13105	9.28	ppb		93
9) Chloroethane	1.79	64	8411	8.01	ppb		92
10) Dichlorofluoromethane	1.99	67	33622	9.17	ppb		99
11) Trichlorofluoromethane	2.02	101	37801	8.62	ppb		100
13) Acrolein	2.46	56	20810	98.24	ppb		97
14) Acetone	2.63	43	22743	45.96	ppb		97
15) Freon-113	2.55	151	17544	9.83	ppb		91
16) Acetonitrile	2.96	41	13729	116.74	ppb	#	94
18) 1,2-Dichlorotrifluoroethan	1.99	67	33622	9.17	ppb		100
19) 1,1-DCE	2.53	61	23564	8.87	ppb		95
20) t-Butanol	3.38	59	20603	134.80	ppb		99
21) Methyl Acetate	3.03	43	8412	10.11	ppb		87
22) Iodomethane	2.68	142	15317	8.50	ppb		94
23) Acrylonitrile	3.46	53	4463	9.53	ppb		94
25) Methylene chloride	3.12	84	16196	9.44	ppb		96
26) Carbon disulfide	2.74	76	19960	9.23	ppb		98
27) Methyl t-butyl ether (MtBE	3.50	73	53922	9.42	ppb		100
28) Trans-1,2-DCE	3.46	96	17307	9.34	ppb		92
29) 3-Methylpentane	3.50	57	9164	9.43	ppb		97
31) Diisopropyl Ether	4.28	45	35859	10.05	ppb	#	84
32) 1,1-DCA	4.10	63	29327	10.55	ppb	#	93
34) Ethyl tert Butyl Ether	4.80	59	43521	9.49	ppb		99
35) Methylcyclopentane	4.81	56	1668	8.23	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1026M27.D Vial: 27
Acq On : 26 Oct 21 21:26 Operator: LP,DG,CH
Sample : 211026B LCSD 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 27 7:38 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
36)	MEK (2-Butanone)	5.03	43	25751	49.77	ppb		92
37)	Cis-1,2-DCE	4.95	96	20052	9.77	ppb		94
38)	2,2-Dichloropropane	4.93	77	30984	8.69	ppb	#	88
39)	Chloroform	5.39	83	37375	10.36	ppb		97
40)	Bromochloromethane	5.26	130	14997	9.30	ppb	#	89
42)	1,1,1-TCA	5.57	97	42969	10.14	ppb		99
43)	Cyclohexane	5.62	41	12080	9.97	ppb		89
44)	1,1-Dichloropropene	5.79	75	22879	9.95	ppb		91
45)	2,2,4-Trimethylpentane	6.15	57	29533	9.91	ppb	#	81
47)	Carbon Tetrachloride	5.77	117	38944	9.77	ppb		99
48)	Tert Amyl Methyl Ether	6.22	73	44689	9.88	ppb		97
49)	1,2-DCA	6.07	62	33940	9.51	ppb		95
50)	Benzene	6.03	78	61798	9.29	ppb		97
51)	TCE	6.78	95	20559	9.65	ppb		85
52)	2-Pentanone	7.04	43	105643	122.16	ppb		97
53)	1,2-Dichloropropane	7.03	63	7469	10.11	ppb		98
54)	Bromodichloromethane	7.34	83	29179	9.77	ppb		93
55)	Methyl Cyclohexane	6.97	83	22401	9.78	ppb		91
56)	Dibromomethane	7.15	93	11664	8.97	ppb		91
57)	MIBK (methyl isobutyl ket	8.00	43	53500	48.37	ppb		96
58)	1-Bromo-2-chloroethane	7.65	144	3941	9.43	ppb		79
60)	Cis-1,3-Dichloropropene	7.82	75	25368	9.48	ppb		95
61)	Toluene	8.14	91	74142	9.63	ppb		98
62)	Trans-1,3-Dichloropropene	8.40	75	26692	10.06	ppb		99
63)	1,1,2-TCA	8.58	83	11725	9.83	ppb		95
64)	2-Hexanone	8.86	43	36553	48.87	ppb	#	88
67)	1,2-EDB	9.06	107	15633	8.67	ppb		81
68)	Tetrachloroethene	8.69	164	16856	9.37	ppb	#	78
69)	1-Chlorohexane	9.56	91	13529	9.97	ppb		92
70)	1,1,1,2-Tetrachloroethane	9.65	131	26092	10.26	ppb		97
71)	m&p-Xylene	9.79	106	77153	19.97	ppb		95
72)	o-Xylene	10.19	106	37951	9.37	ppb		100
73)	Styrene	10.20	104	61424	10.07	ppb		96
75)	1,3-Dichloropropane	8.74	76	24861	9.38	ppb		93
76)	Dibromochloromethane	8.96	129	24461	9.22	ppb		98
77)	Chlorobenzene	9.55	112	58182	9.82	ppb		96
78)	Ethylbenzene	9.68	91	92383	9.85	ppb		99
79)	Bromoform	10.37	173	18412	8.36	ppb		95
81)	Isopropylbenzene	10.56	105	102532	9.66	ppb		98
82)	1,1,2,2-Tetrachloroethane	10.87	83	13988	7.68	ppb		93
83)	1,2,3-Trichloropropane	10.90	110	8055	8.85	ppb		93
84)	t-1,4-Dichloro-2-Butene	10.93	53	4590	9.91	ppb	#	61

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1026M27.D Vial: 27
Acq On : 26 Oct 21 21:26 Operator: LP,DG,CH
Sample : 211026B LCSD 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 27 7:38 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
85)	Bromobenzene	10.84	156	33019	9.50	ppb		95
86)	n-Propylbenzene	10.97	91	101016	9.64	ppb		97
87)	4-Ethyltoluene	11.08	105	97568	10.08	ppb		93
88)	2-Chlorotoluene	11.04	91	75814	9.12	ppb		86
89)	1,3,5-Trimethylbenzene	11.14	105	90851	10.03	ppb		95
90)	4-Chlorotoluene	11.15	91	80148	9.71	ppb		99
91)	Tert-Butylbenzene	11.47	119	52984	10.60	ppb		98
92)	1,2,4-Trimethylbenzene	11.52	105	87443	10.19	ppb		98
93)	Sec-Butylbenzene	11.68	105	99267	10.38	ppb		98
94)	p-Isopropyltoluene	11.83	119	95492	10.33	ppb		97
95)	Benzyl Chloride	12.01	91	16122	7.36	ppb		98
96)	1,3-DCB	11.78	146	57916	9.58	ppb		96
97)	1,4-DCB	11.87	146	55933	9.08	ppb		94
98)	n-Butylbenzene	12.24	91	55660	9.05	ppb		93
99)	1,2-DCB	12.24	146	56825	9.60	ppb		99
100)	Hexachloroethane	12.48	117	15029	9.70	ppb		98
101)	1,2-Dibromo-3-chloropropan	13.02	75	4647	9.08	ppb	#	75
102)	1,2,4-Trichlorobenzene	13.84	180	20568	8.87	ppb		83
103)	Hexachlorobutadiene	14.01	225	22661	9.05	ppb		98
104)	Naphthalene	14.08	128	38540	9.02	ppb		97
105)	1,2,3-Trichlorobenzene	14.32	180	25370	8.62	ppb		85

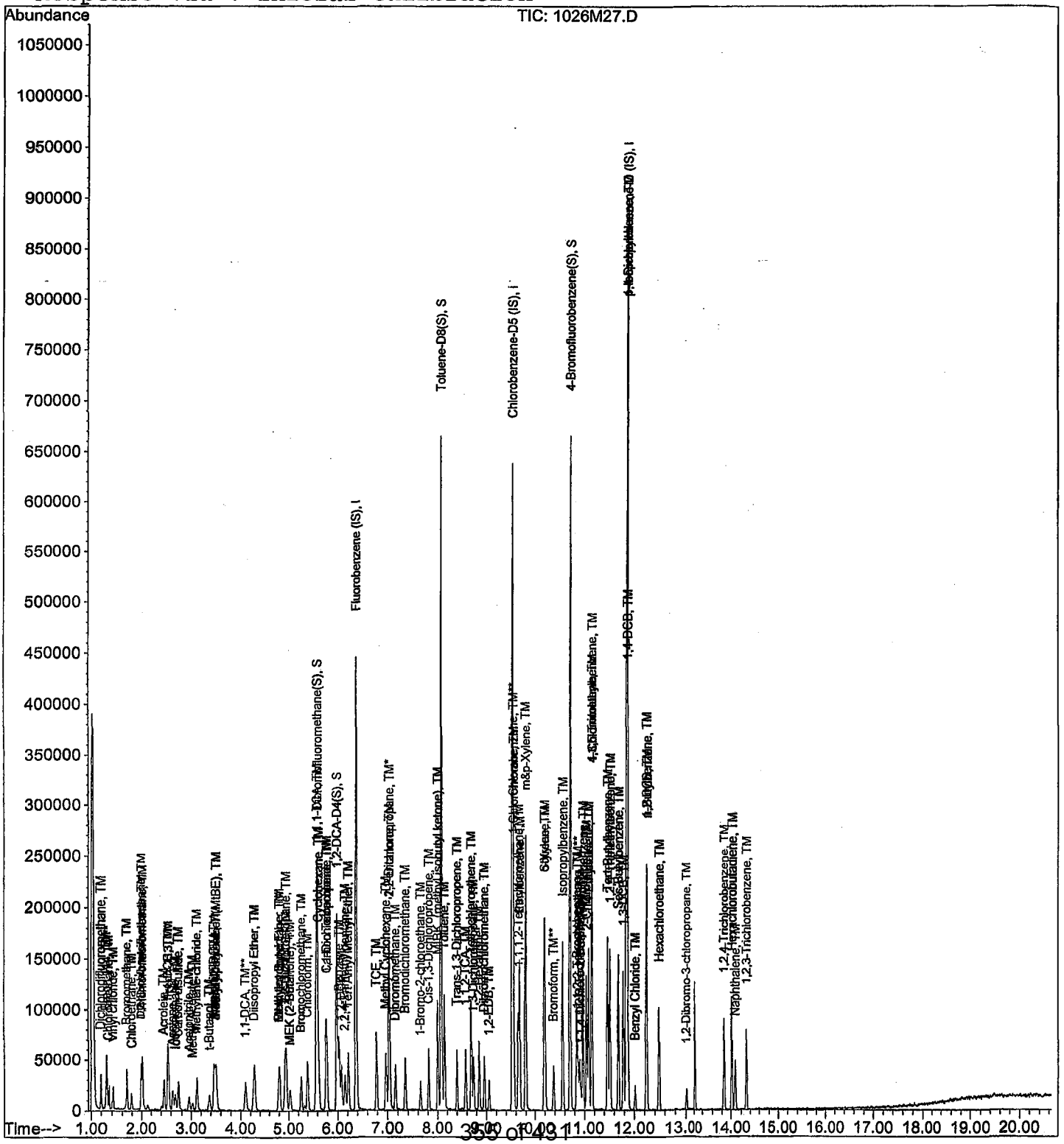
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211015\1026M27.D Vial: 27
Acq On : 26 Oct 21 21:26 Operator: LP,DG,CH
Sample : 211026B LCSD 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 27 7:38 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

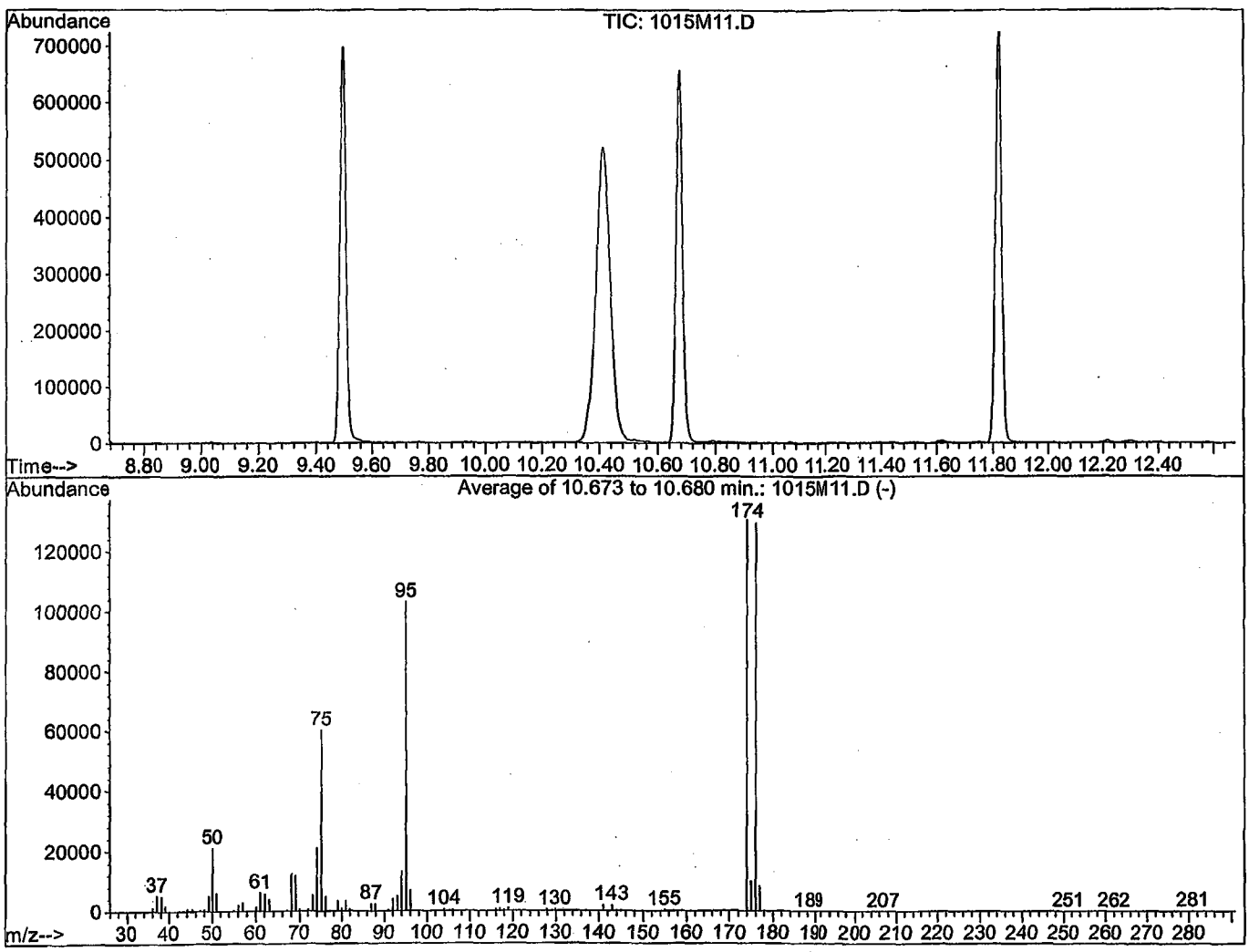


BFB

Data File : M:\MAX\DATA\211015\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



AutoFind: Scans 3033, 3034, 3035; Background Corrected with Scan 3020

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

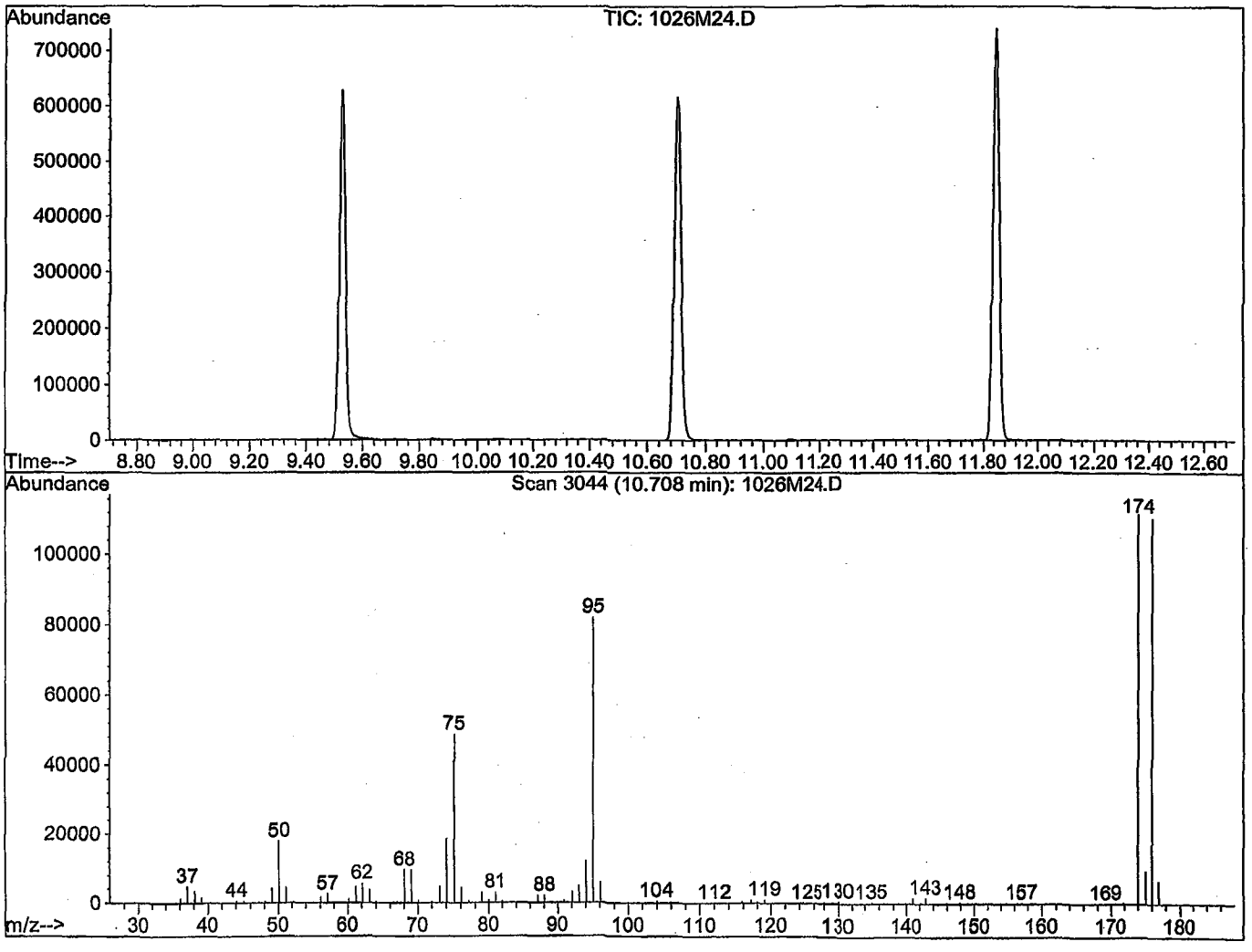
1015M11.D M1015W.M Wed Oct 20 12:38:05 2021

BFB

Data File : M:\MAX\DATA\211015\1026M24.D
Acq On : 26 Oct 21 20:01
Sample : 25ug/L BFB STD 9/23/21
Misc : IS&S 8/4/21

Vial: 24
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B



Spectrum Information: Scan 3044

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.8	17864	PASS
75	95	30	60	59.4	48664	PASS
95	95	100	200	100.0	81912	PASS
96	95	5	9	7.1	5855	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	200	136.3	111640	PASS
175	174	5	9	8.5	9455	PASS
176	174	95	101	98.9	110424	PASS
177	176	5	9	5.9	6466	PASS

1026M24.D M1015W.M Wed Oct 27 08:06:18 2021

MAX 8260 Standard Prep

MAX 8260 Water Calibration Curve

0.3ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

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 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

MAX Gas Standard Prep

Gas Primary Working Standard

Prepared: 6/23/2021
Expires: 1/4/2022
Methanol Lot No.
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)
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
Expires: 1/31/1930
Methanol Lot No.
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)
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
Expires: 10/24/2021
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 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
Expires: 10/24/2021
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)
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
Expires: 8/26/2021
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 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

0.3ug/L

Prepared: 10/8/2021

Expires: 10/20/2021

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 10/07/21	12/6/2021	N/A	3uL	50mL	P&T Water	0.3
VOA STD. 1	Absolute		50	Prepared 10/07/21	12/6/2021	N/A	5uL			5
VOA STD. 2	Phenova		100	Prepared 10/07/21	12/6/2021	N/A	2.5uL			5
VOA STD. TBA	Various		250	Prepared 10/07/21	10/20/2021	N/A	2uL			10

0.5ug/L

Prepared: 10/8/2021

Expires: 10/20/2021

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 10/07/21	12/6/2021	N/A	5uL	50mL	P&T Water	0.5
VOA STD. 1	Absolute		50	Prepared 10/07/21	12/6/2021	N/A	10uL			10
VOA STD. 2	Phenova		100	Prepared 10/07/21	12/6/2021	N/A	5uL			10
VOA STD. TBA	Various		250	Prepared 10/07/21	10/20/2021	N/A	5uL			25

1.0ug/L

Prepared: 10/8/2021

Expires: 10/20/2021

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 10/07/21	12/6/2021	N/A	10uL	50mL	P&T Water	1
VOA STD. 1	Absolute		50	Prepared 10/07/21	12/6/2021	N/A	20uL			20
VOA STD. 2	Phenova		100	Prepared 10/07/21	12/6/2021	N/A	10uL			20
VOA STD. TBA	Various		250	Prepared 10/07/21	10/20/2021	N/A	10uL			50

2.0ug/L

Prepared: 10/8/2021

Expires: 10/20/2021

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 10/07/21	12/6/2021	N/A	20uL	50mL	P&T Water	2
VOA STD. 1	Absolute		50	Prepared 10/07/21	12/6/2021	N/A	30uL			30
VOA STD. 2	Phenova		100	Prepared 10/07/21	12/6/2021	N/A	15uL			30
VOA STD. TBA	Various		250	Prepared 10/07/21	10/20/2021	N/A	15uL			75

5ug/L

Prepared: 10/8/2021

Expires: 10/20/2021

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 10/07/21	12/6/2021	N/A	5uL	50mL	P&T Water	5
VOA STD. 8	Phenova		50	Prepared 10/07/21	10/20/2021	N/A	5uL			5
VOA STD. 1	Absolute		50	Prepared 10/07/21	12/6/2021	N/A	40uL			40
VOA STD. 2	Phenova		100	Prepared 10/07/21	12/6/2021	N/A	20uL			20
VOA STD. TBA	Various		250	Prepared 10/07/21	10/20/2021	N/A	20uL			100

10ug/L

Prepared: 10/8/2021

Expires: 10/20/2021

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 10/07/21	12/6/2021	N/A	10uL	50mL	P&T Water	10
VOA STD. 8	Phenova		50	Prepared 10/07/21	10/20/2021	N/A	10uL			10
VOA STD. 1	Absolute		50	Prepared 10/07/21	12/6/2021	N/A	50uL			50
VOA STD. 2	Phenova		100	Prepared 10/07/21	12/6/2021	N/A	25uL			50
VOA STD. TBA	Various		250	Prepared 10/07/21	10/20/2021	N/A	25uL			125

20ug/L

Prepared: 10/8/2021

Expires: 10/20/2021

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 10/07/21	12/6/2021	N/A	20uL	50mL	P&T Water	20
VOA STD. 8	Phenova		50	Prepared 10/07/21	10/20/2021	N/A	20uL			20
VOA STD. 1	Absolute		50	Prepared 10/07/21	12/6/2021	N/A	60uL			60
VOA STD. 2	Phenova		100	Prepared 10/07/21	12/6/2021	N/A	30uL			60
VOA STD. TBA	Various		250	Prepared 10/07/21	10/20/2021	N/A	30uL			150

40ug/L

Prepared: 10/8/2021

Expires: 10/20/2021

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 10/07/21	12/6/2021	N/A	40uL	50mL	P&T Water	40
VOA STD. 8	Phenova		50	Prepared 10/07/21	10/20/2021	N/A	40uL			40
VOA STD. 1	Absolute		50	Prepared 10/07/21	12/6/2021	N/A	80uL			80
VOA STD. 2	Phenova		100	Prepared 10/07/21	12/6/2021	N/A	40uL			80
VOA STD. TBA	Various		250	Prepared 10/07/21	10/20/2021	N/A	35uL			175

100ug/L

Prepared: 10/8/2021

Expires: 10/20/2021

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 10/07/21	12/6/2021	N/A	100uL	50mL	P&T Water	100
VOA STD. 8	Phenova		50	Prepared 10/07/21	10/20/2021	N/A	100uL			100
VOA STD. 1	Absolute		50	Prepared 10/07/21	12/6/2021	N/A	100uL			100
VOA STD. 2	Phenova		100	Prepared 10/07/21	12/6/2021	N/A	50uL			100
VOA STD. TBA	Various		250	Prepared 10/07/21	10/20/2021	N/A	40uL			200

MAX 8260 Water Second Source (SS)

Prepared: 10/8/2021

Prepared By (Initials): CH

Expires: 10/20/2021

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 10/07/21	12/6/2021	N/A	25uL	50mL	P&T Water	50
VOA STD. GASES	Phenova	8260 Water SS	50	Prepared 10/07/21	12/6/2021	N/A	10uL			10
VOA STD. 0	Phenova	8260 Water SS	50	Prepared 10/07/21	12/6/2021	N/A	10uL			10
VOA STD. 2-CEVE	Absolute	8260 Water SS	50	Prepared 10/07/21	10/7/2021	N/A	50uL			50
VOA STD. 6	Various	8260 Water SS	50	Prepared 10/07/21	10/20/2021	N/A	10uL			10
Voa STD. TBA	Various	8260 Water SS	250	Prepared 10/07/21	10/20/2021	N/A	25uL			250

8260 Water Continuing Calibrations (CCV)/ Lab Control Spikes (LCS)

Prepared: 10/8/2021

Prepared By (Initials): CH

Expires: 10/9/2021

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 10/07/21	12/6/2021	N/A	10uL	50mL	P&T Water	10
VOA STD. 8	Phenova	CCV/ LCS	50	Prepared 10/07/21	10/20/2021	N/A	10uL			10
VOA STD. 1	Absolute	CCV/ LCS	50	Prepared 10/07/21	12/6/2021	N/A	50uL			50
VOA STD. 2	Phenova	CCV/ LCS	100	Prepared 10/07/21	12/6/2021	N/A	25uL			50
VOA STD. TBA	Various	CCV/ LCS	250	Prepared 10/07/21	10/20/2021	N/A	25uL			250

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	24	1026M24.D	1	25ug/L BFB STD 9/23/21	IS&S 8/4/21	26 Oct 21 20:01
13	25	1026M25.D	1	211026B CCV 10ug/L	IS&S 8/4/21	26 Oct 21 20:30
14	26	1026M26.D	1	211026B LCS 10ug/L	IS&S 8/4/21	26 Oct 21 20:58
15	27	1026M27.D	1	211026B LCSD 10ug/L	IS&S 8/4/21	26 Oct 21 21:26
16	31	1026M31.D	1	211026B BLK	IS&S 8/4/21	26 Oct 21 23:20
17	32	1026M32.D	1	BA43831W01	IS&S 8/4/21	26 Oct 21 23:48
18	33	1026M33.D	1	BA43832W01	IS&S 8/4/21	27 Oct 21 00:16
19	34	1026M34.D	1	BA43833W01	IS&S 8/4/21	27 Oct 21 00:44
20	45	1026M45.D	1	Ending CCV 10ug/L 10/26/21	IS&S 8/4/21	27 Oct 21 5:55

ORGANICS
Calibration Data

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:

			0825M23.D	0825M24.D	0825M25.D	0825M26.D	0825M27.D	0825M28.D	0825M29.D									
		Compound	1	2	3	4	5	6	7				Avg	%RSD	Type	r^2	Q	MRF
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																		
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Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0825M23.D
Acq On : 25 Aug 21 20:23
Sample : 20ug/L GAS STD 8/25/21
Misc : IS&S 6/4/21

Vial: 13
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Aug 26 16:15 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:13:10 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	3136582m	38.03	ppb	100

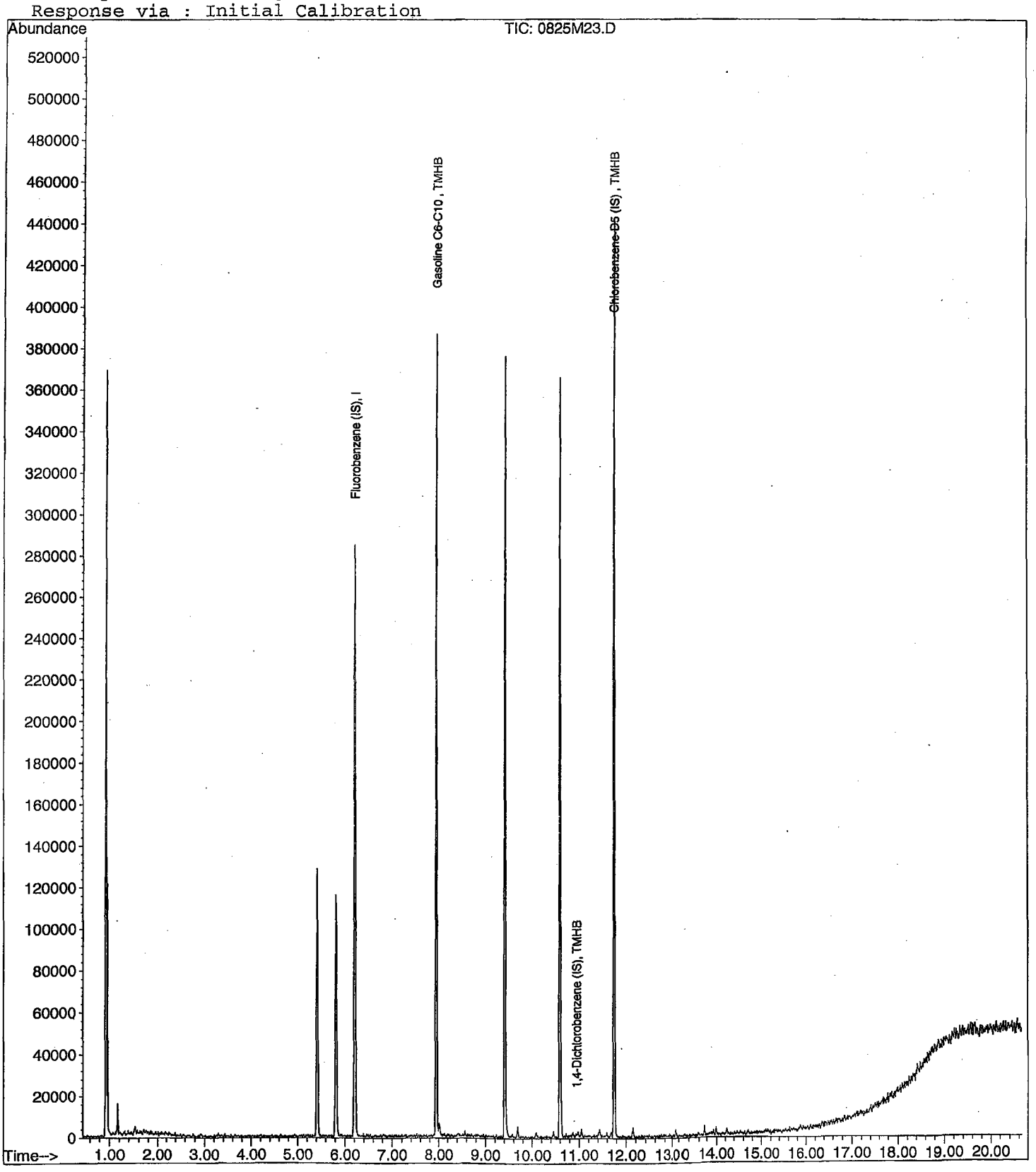
(#) = qualifier out of range (m) = manual integration

Data File : M:\MAX\DATA\210825\0825M23.D
Acq On : 25 Aug 21 20:23
Sample : 20ug/L GAS STD 8/25/21
Misc : IS&S 6/4/21

Vial: 13
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Aug 26 16:15 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\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: Aug 26 16:15 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:13:10 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	3243874m	61.97 ppb	100

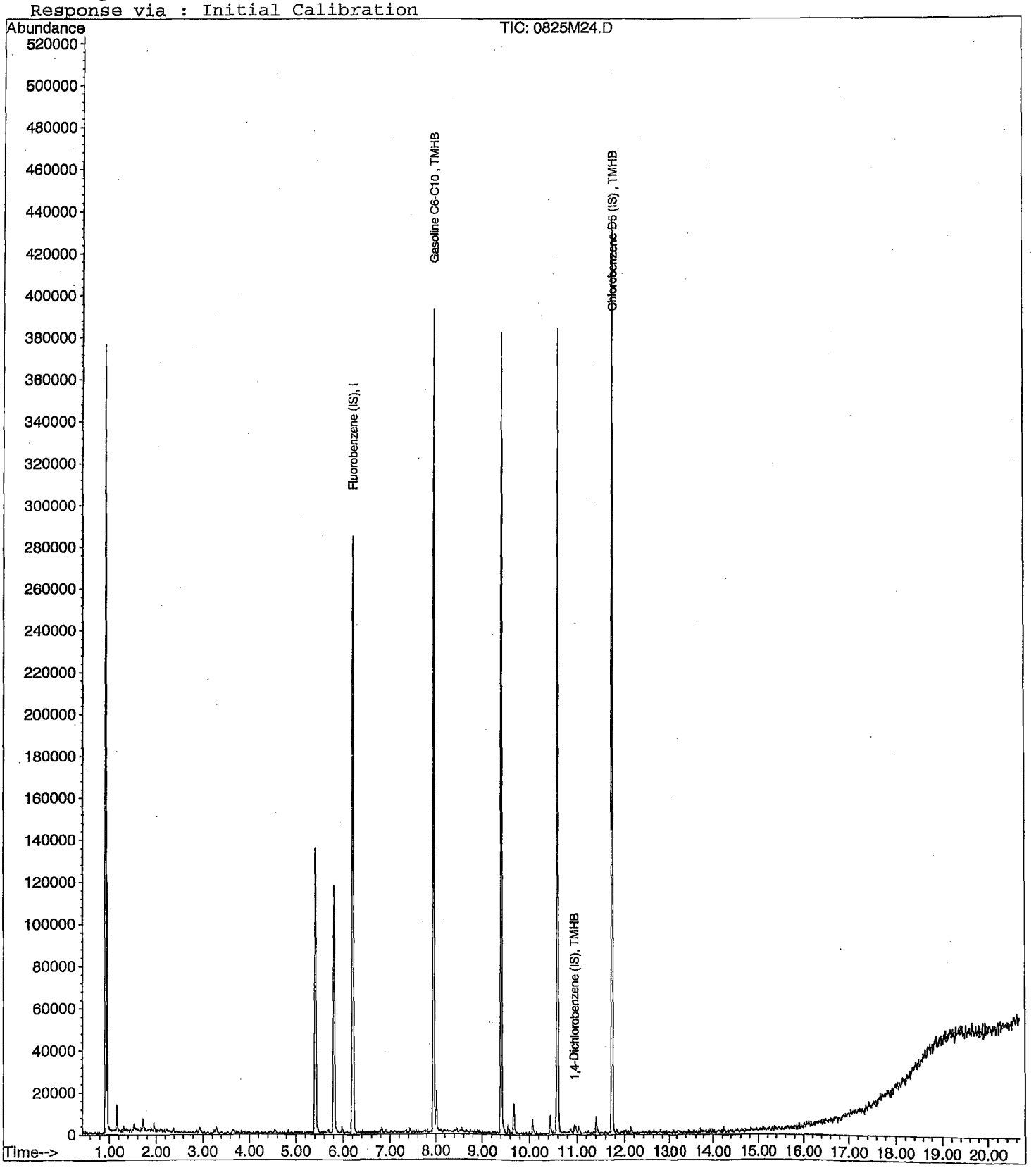
(#) = qualifier out of range (m) = manual integration

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: Aug 26 16:15 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\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: Aug 26 16:16 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:13:10 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	3460677m	107.56	ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

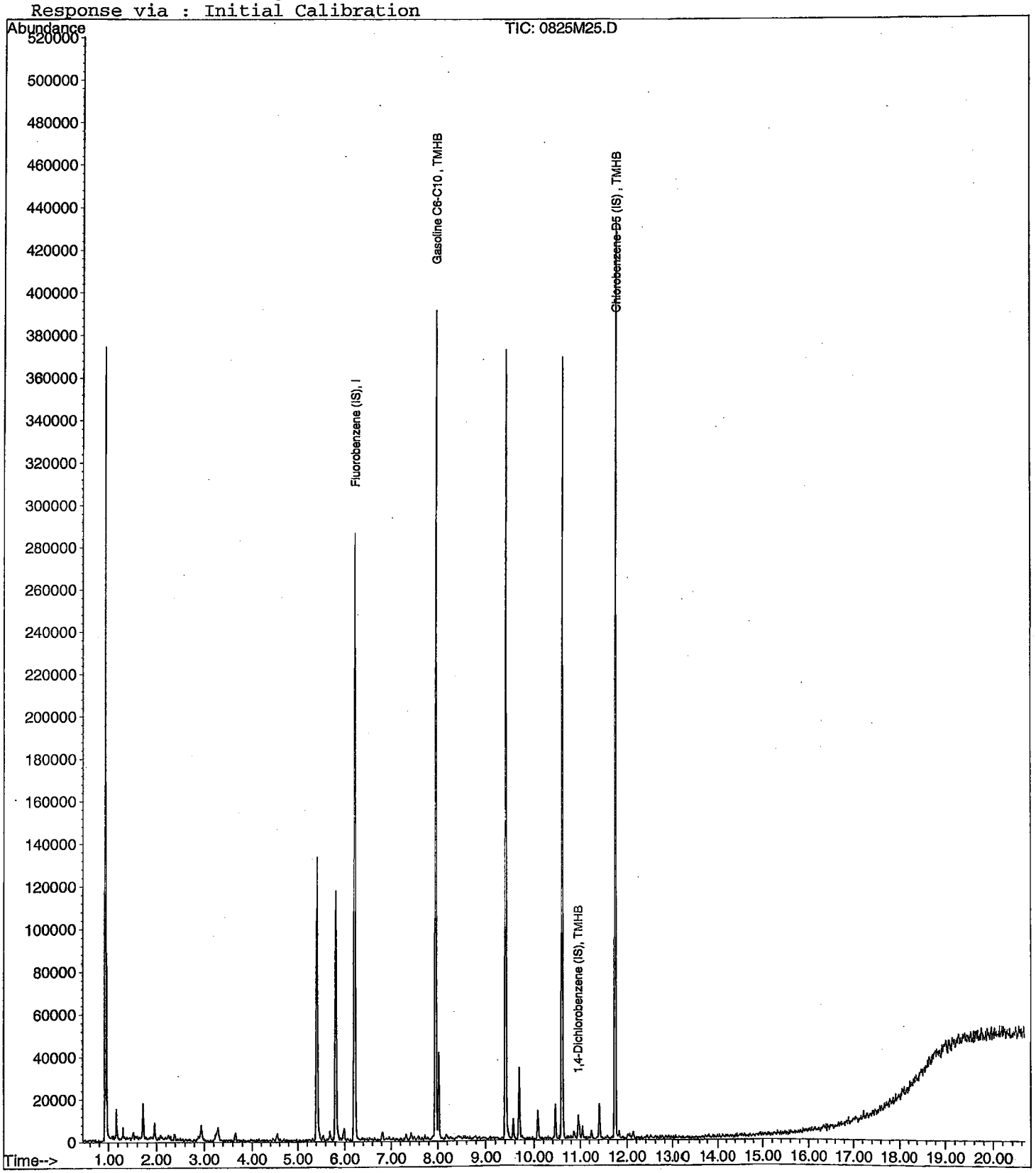
Data File : M:\MAX\DATA\210825\0825M25.D
Acq On : 25 Aug 21 21:19
Sample : 100ug/L GAS STD 8/25/21
Misc : IS&S 6/4/21

Vial: 15
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Aug 26 16:16 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\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: Aug 26 16:16 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:13:10 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	4335414m	329.97 ppb	100

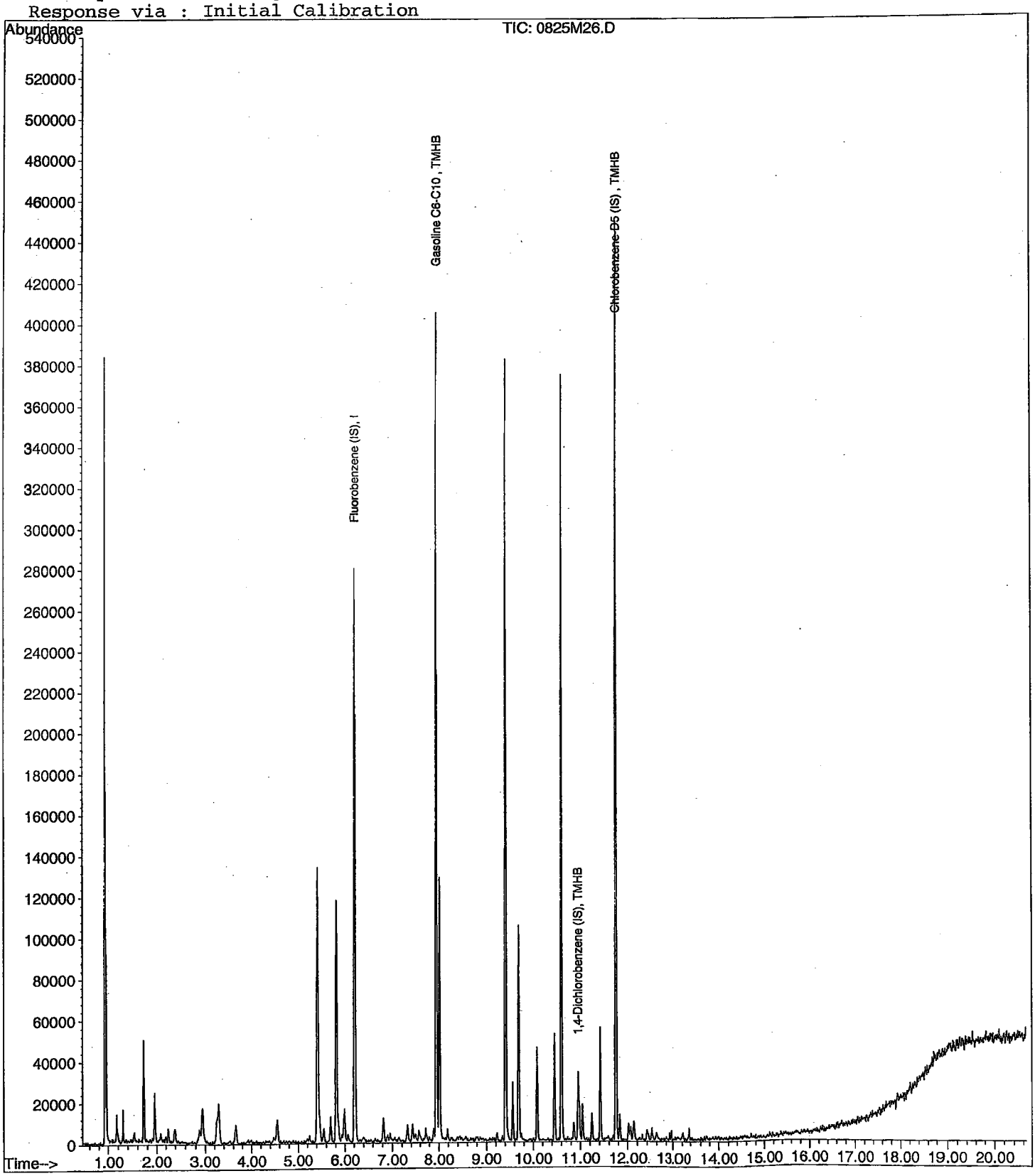
(#) = qualifier out of range (m) = manual integration

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: Aug 26 16:16 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\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: Aug 26 16:18 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:13:10 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	5593097m	606.10	ppb	100

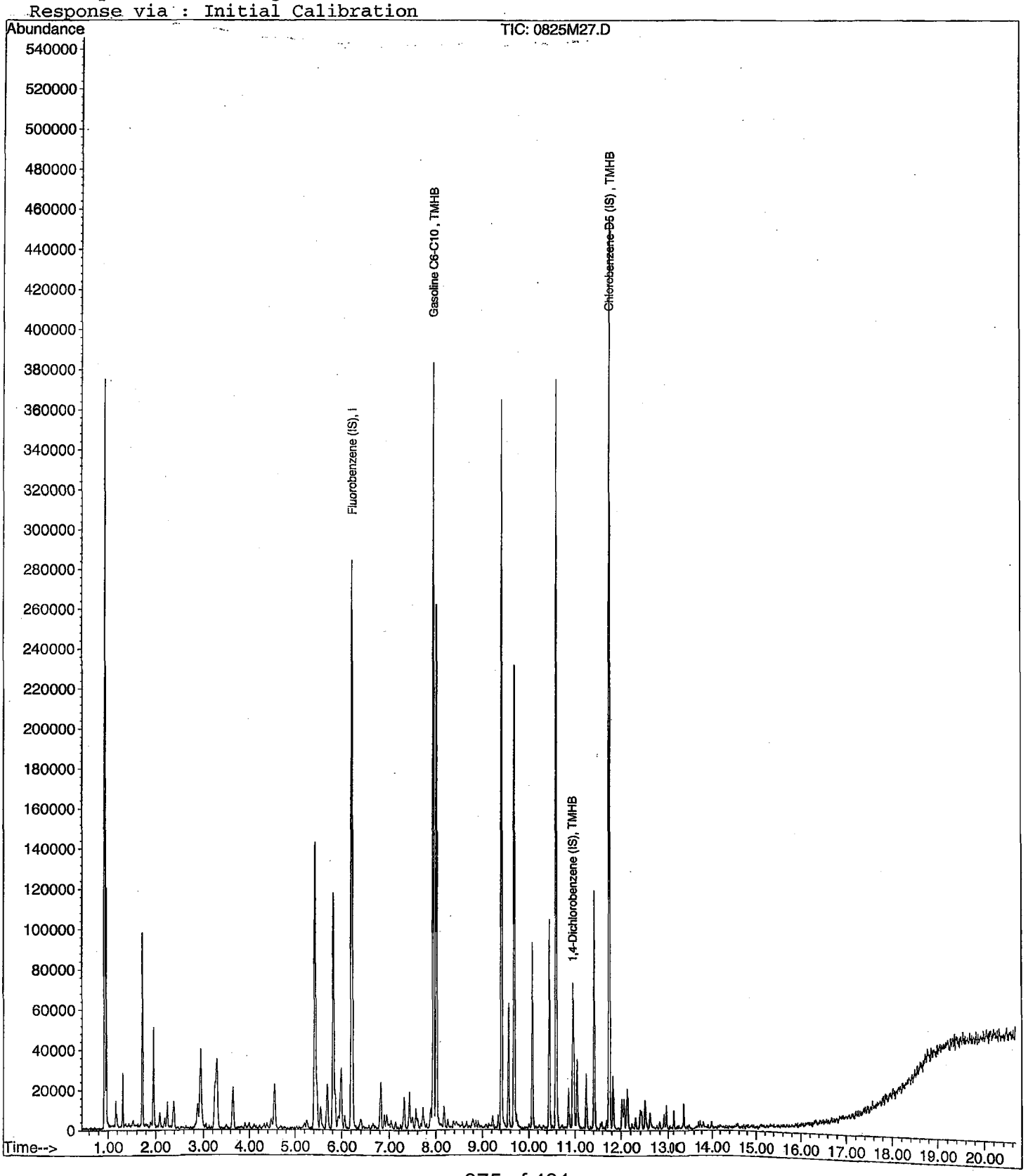
(#) = qualifier out of range (m) = manual integration

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: Aug 26 16:18 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



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: Aug 26 16:18 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:13:10 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	6580092m	807.60 ppb	100

(#) = qualifier out of range (m) = manual integration

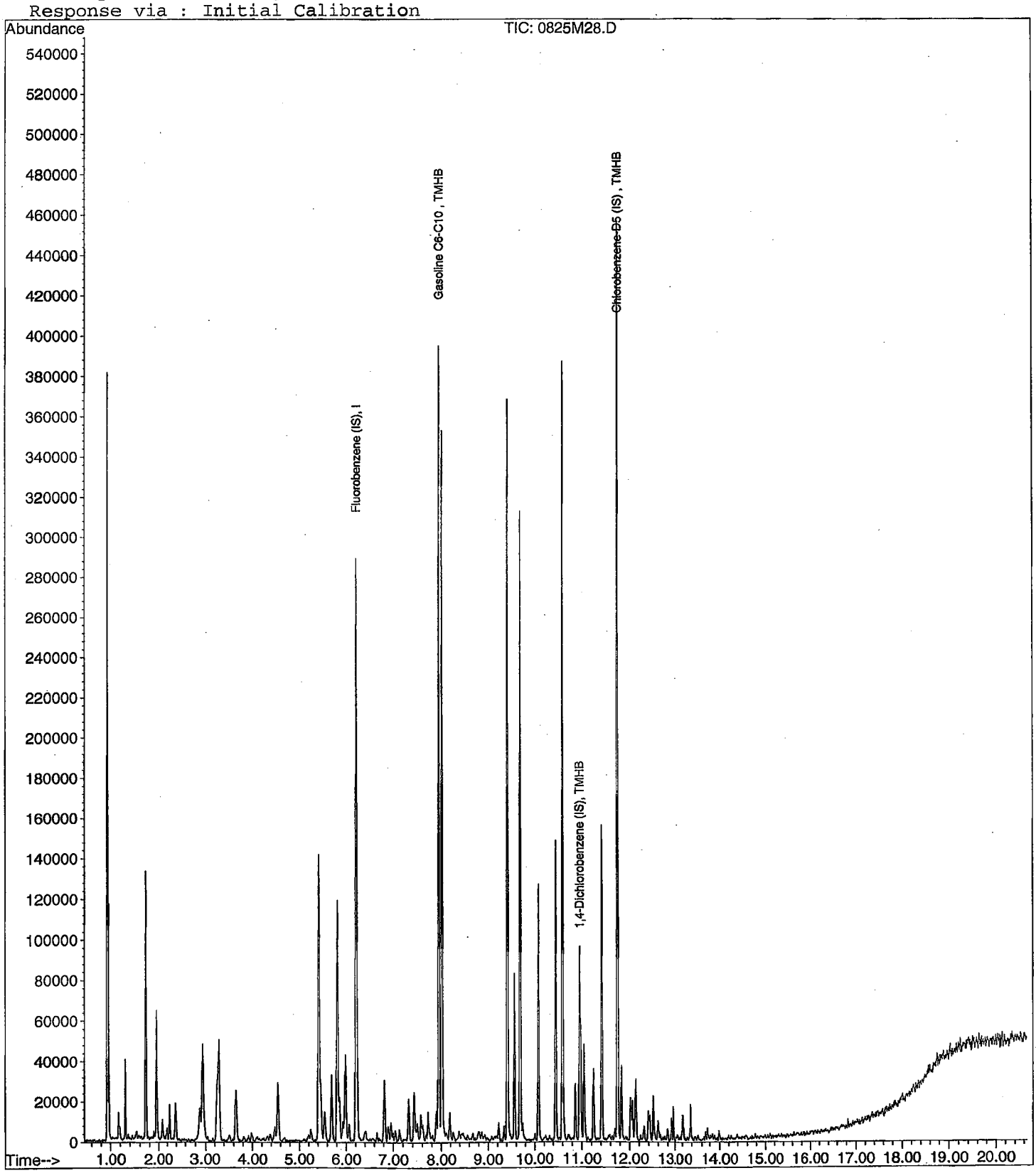
Quantitation Report

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: Aug 26 16:18 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\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: Aug 26 16:19 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:13:10 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	8.02	TIC	7278206m	979.10 ppb	100

(#) = qualifier out of range (m) = manual integration

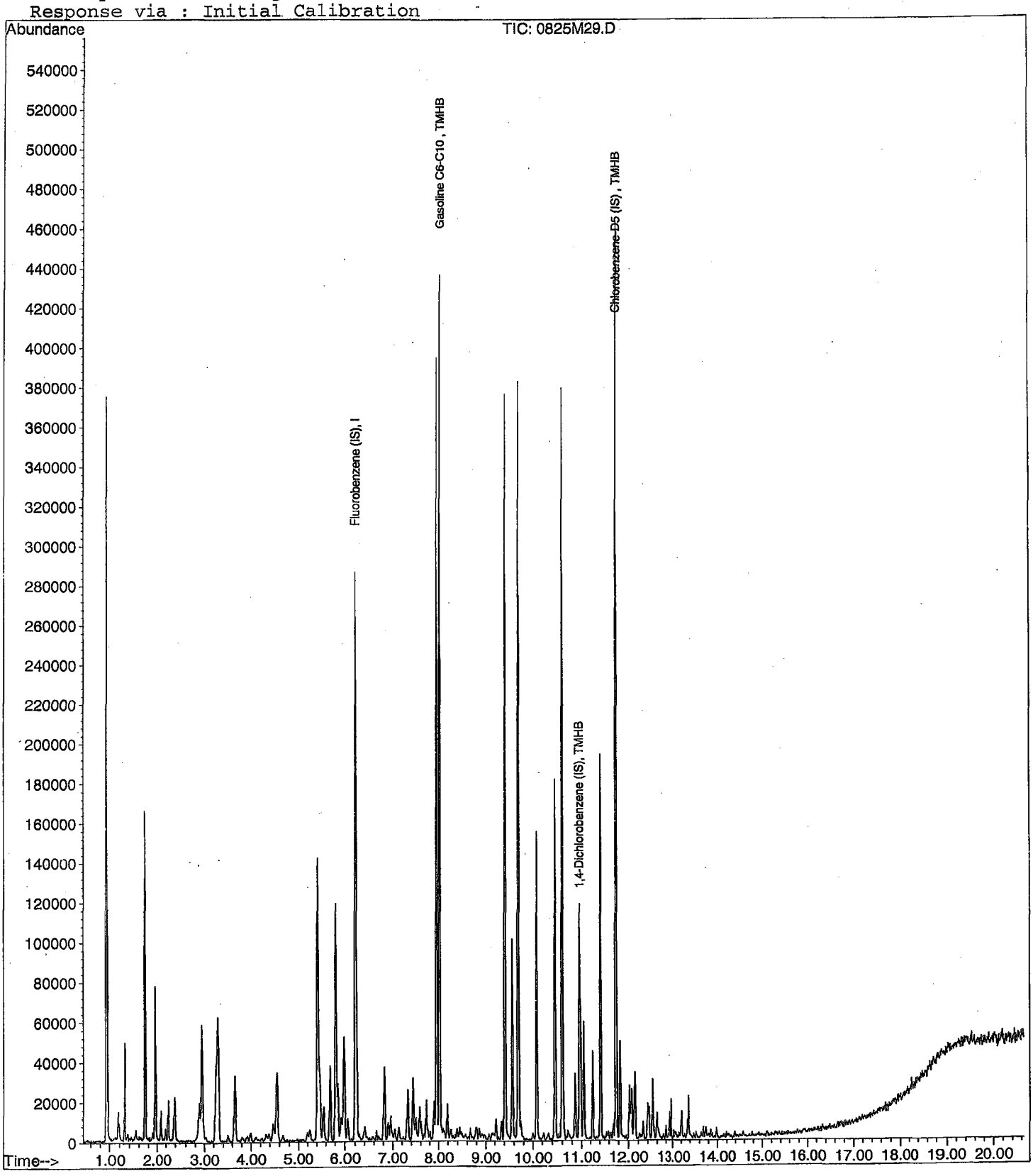
Quantitation Report

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: Aug 26 16:19 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 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:

		Compound	1	2	3	4	5	6	7	8	9		Avg	%RSD	Type	r^2	Q	MRF
			0825M12.D	0825M13.D	0825M14.D	0825M15.D	0825M16.D	0825M17.D	0825M18.D	0825M19.D	0825M20.D							
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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14																		
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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 16:25 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

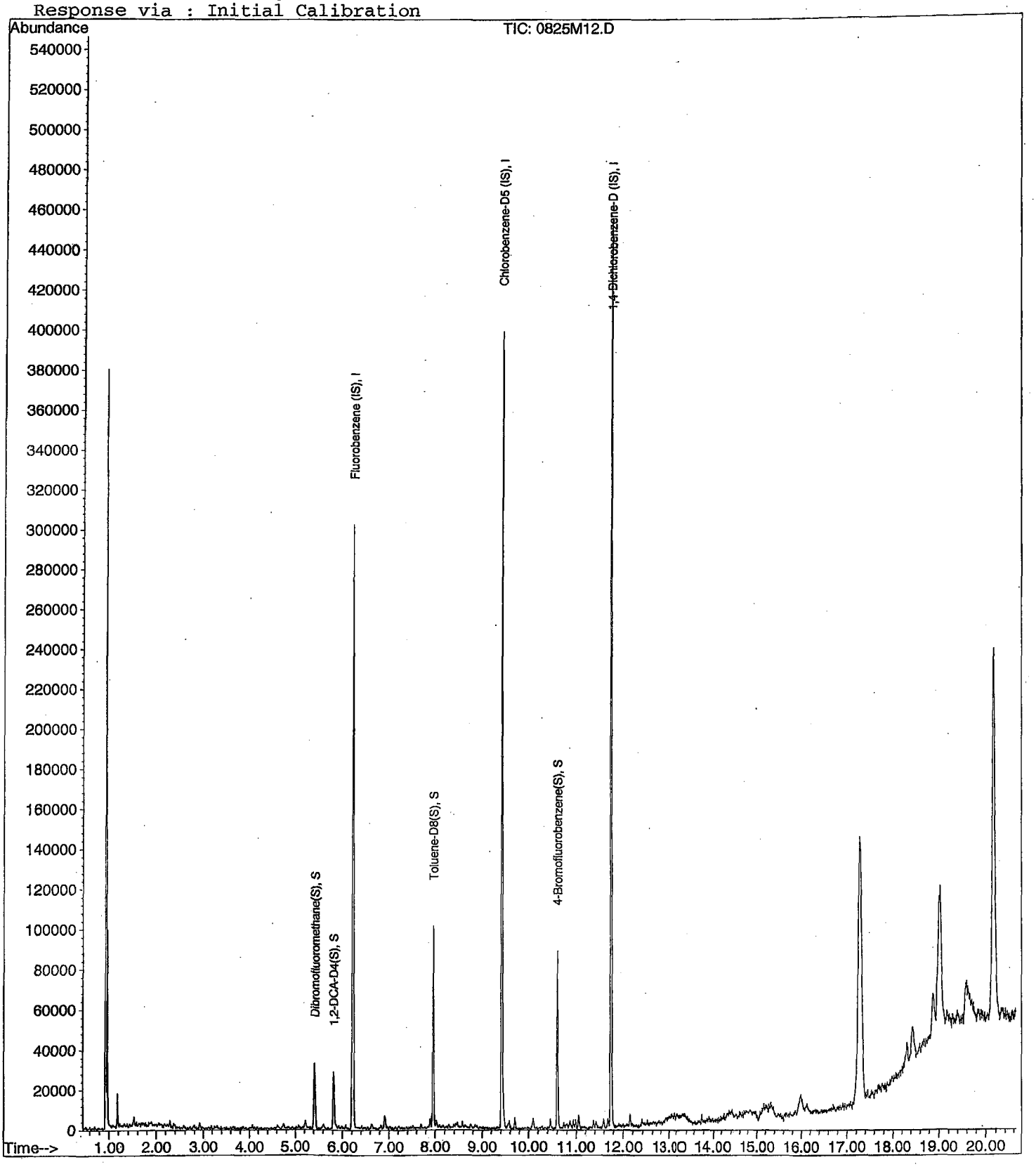
(#) = qualifier out of range (m) = manual integration

Data File : M:\MAX\DATA\210825\0825M12.D
Acq On : 25 Aug 21 15:15
Sample : 0.3ug/L VOC STD 8/25/21
Misc : IS&S 6/4/21

Vial: 2
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Aug 26 16:25 2021 Quant Results File: M0825SUR.RES

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



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M13.D
Acq On : 25 Aug 21 15:43
Sample : 0.5ug/L VOC STD 8/25/21
Misc : IS&S 6/4/21

Vial: 3
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Aug 26 16:25 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

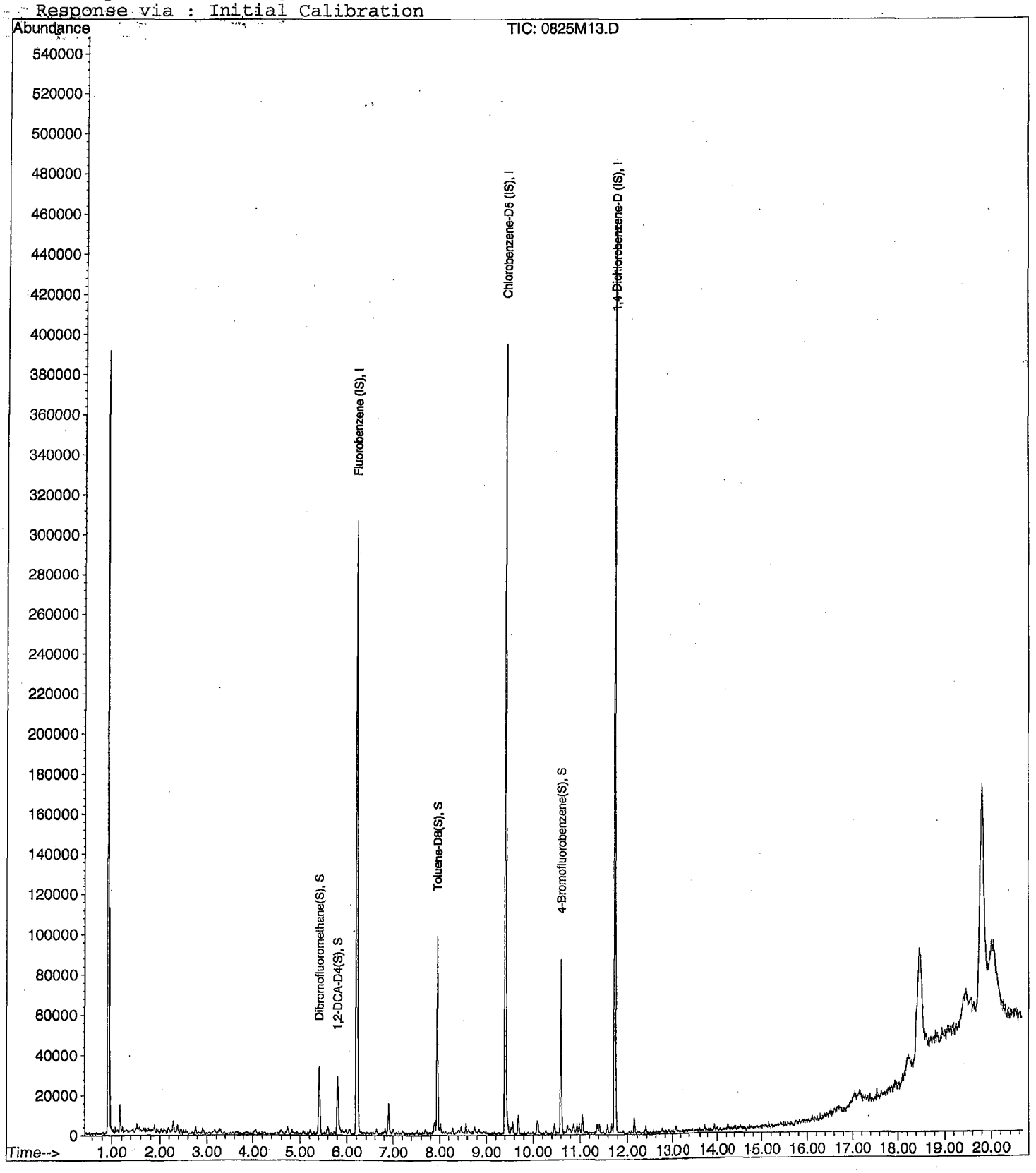
Quantitation Report

Data File : M:\MAX\DATA\210825\0825M13.D
Acq On : 25 Aug 21 15:43
Sample : 0.5ug/L VOC STD 8/25/21
Misc : IS&S 6/4/21

Vial: 3
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Aug 26 16:25 2021 Quant Results File: M0825SUR.RES

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



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 16:25 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%			

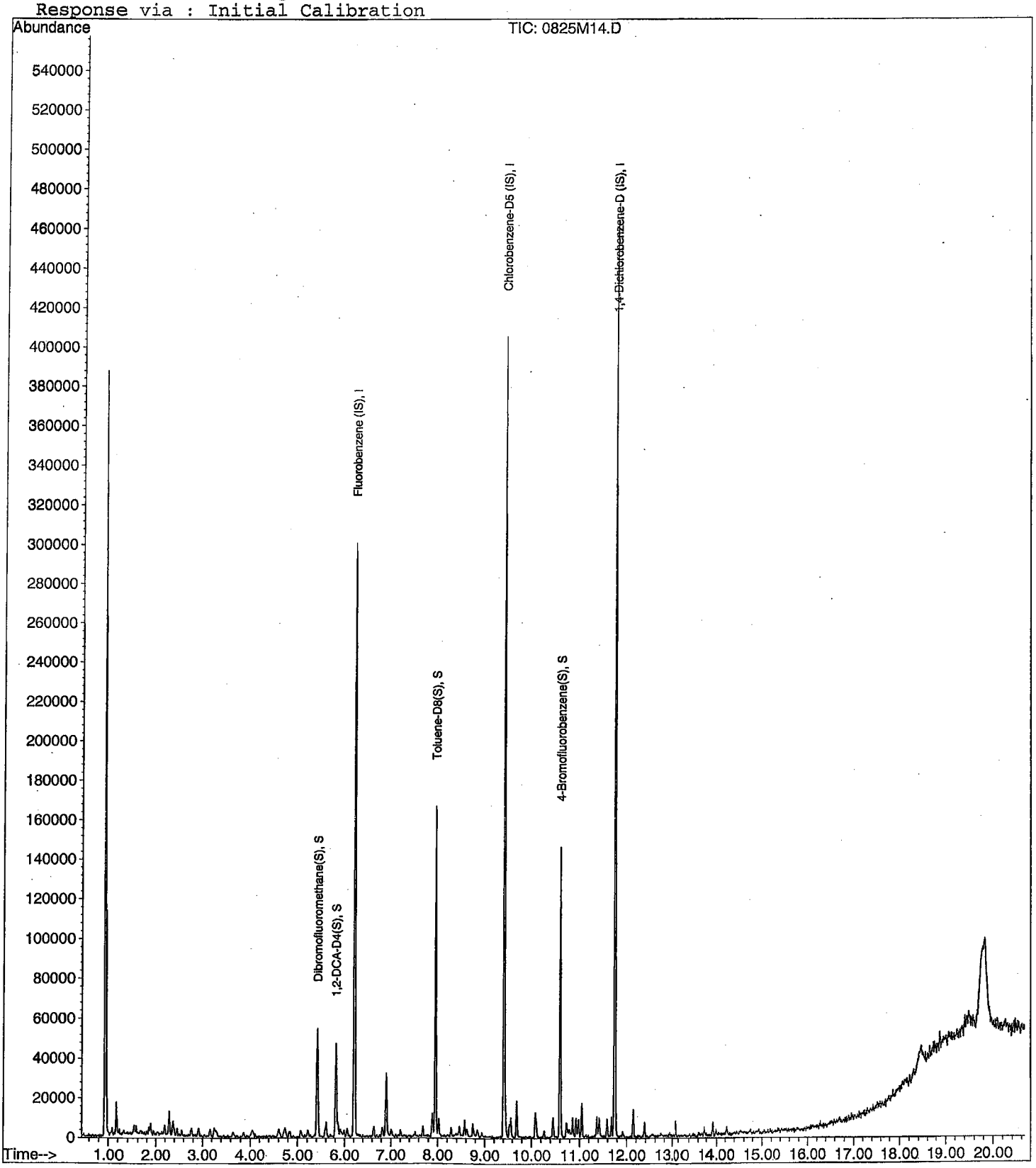
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

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 16:25 2021 Quant Results File: M0825SUR.RES

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



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 16:25 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

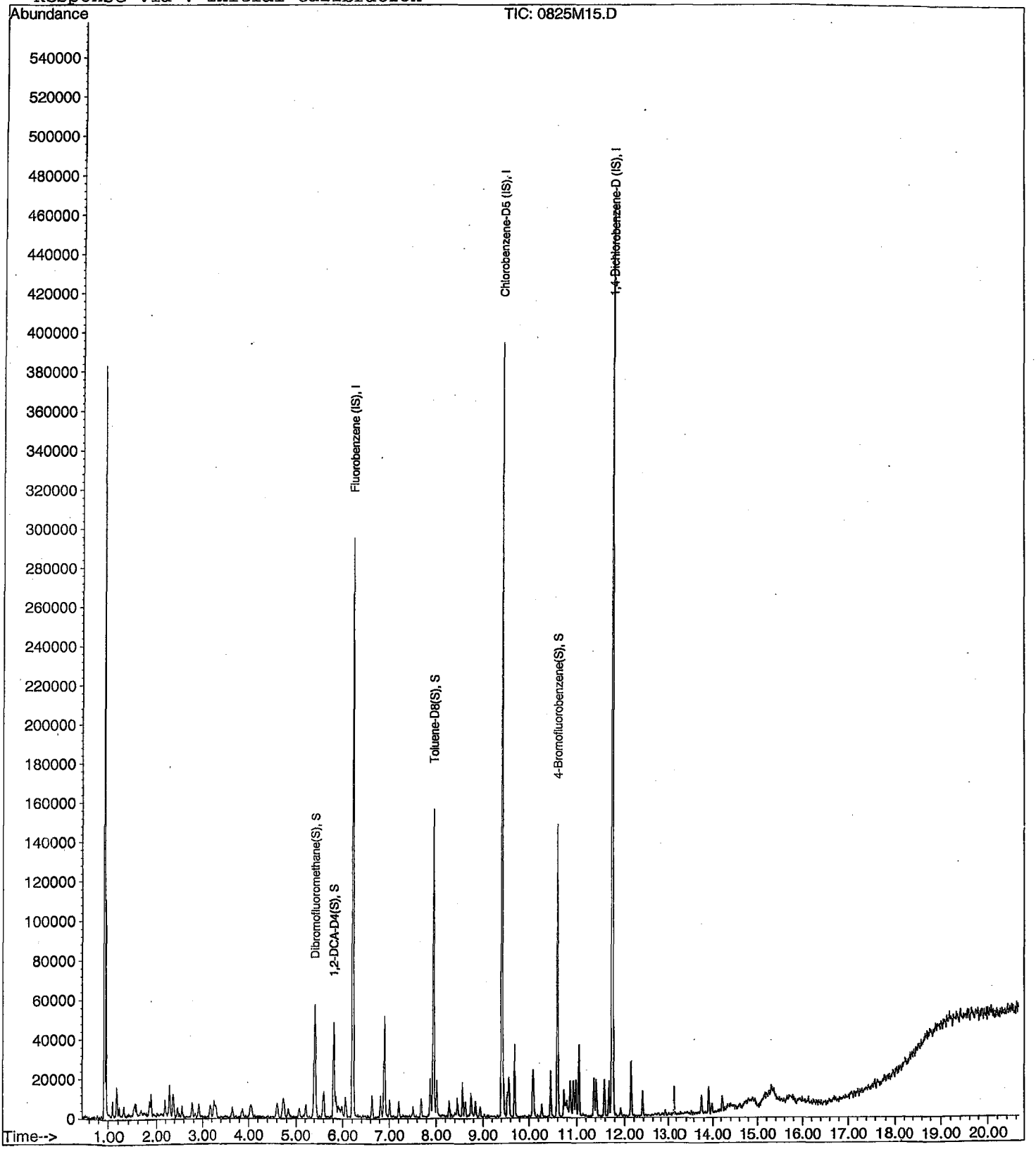
Quantitation Report

Data File : M:\MAX\DATA\210825\0825M15.D
Acq On : 25 Aug 21 16:39
Sample : 2ug/L VOC STD 8/25/21
Misc : IS&S 6/4/21

Vial: 5
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Aug 26 16:25 2021 Quant Results File: M0825SUR.RES

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



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 16:25 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

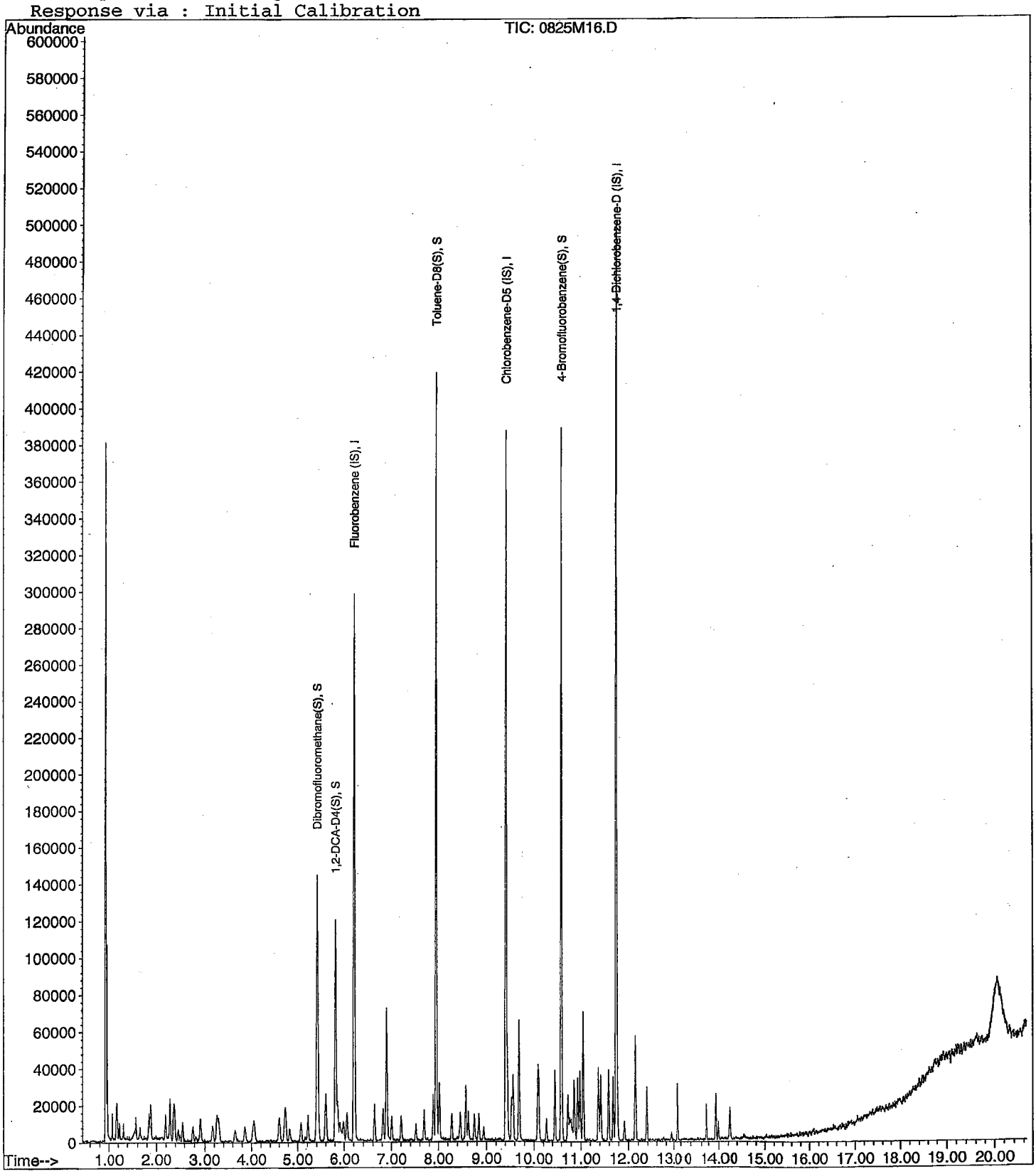
Data File : M:\MAX\DATA\210825\0825M16.D
Acq On : 25 Aug 21 17:07
Sample : 5ug/L VOC STD 8/25/21
Misc : IS&S 6/4/21

Vial: 6
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Aug 26 16:25 2021

Quant Results File: M0825SUR.RES

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



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 16:25 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

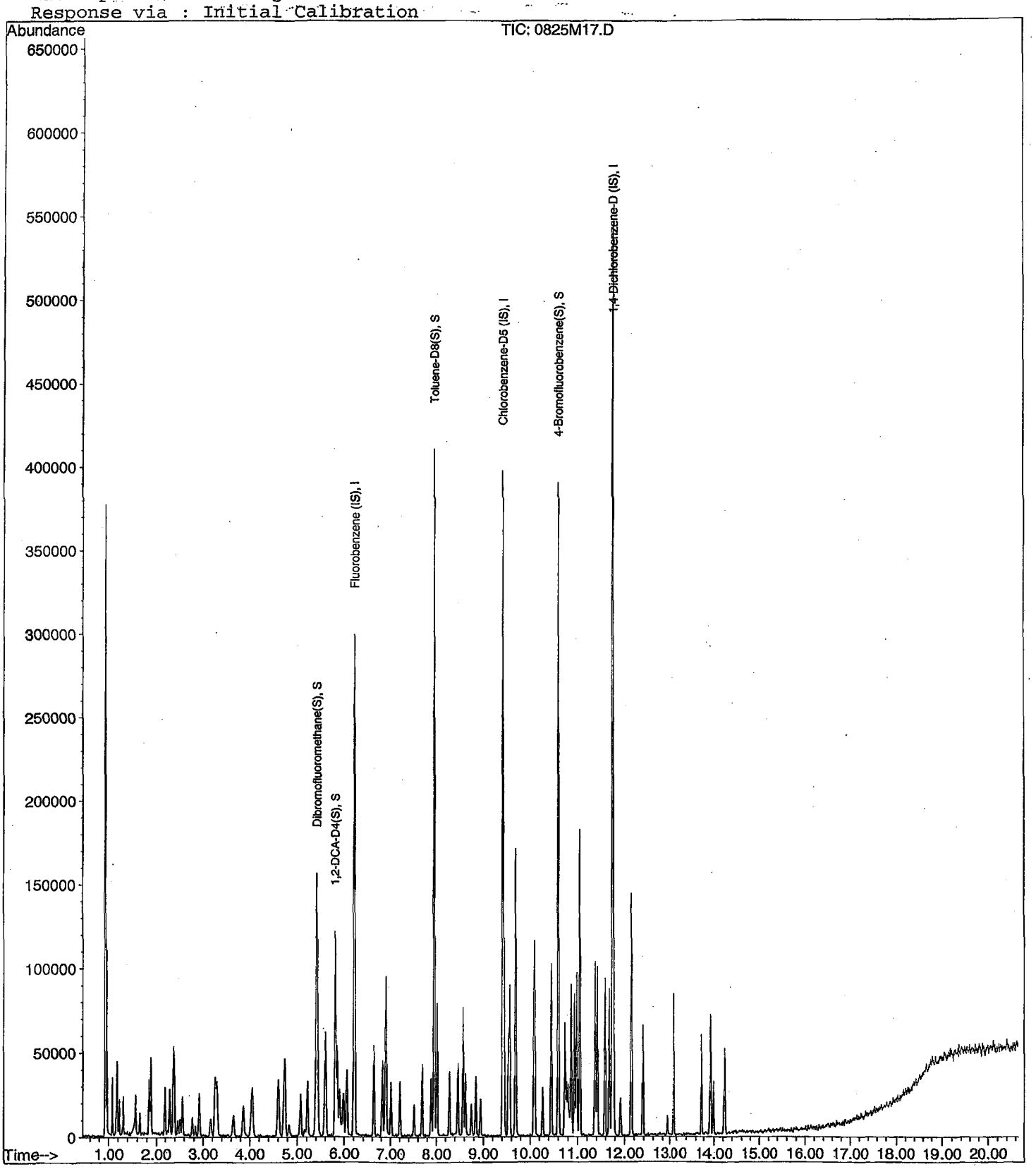
(#) = qualifier out of range (m) = manual integration

Data File : M:\MAX\DATA\210825\0825M17.D
Acq On : 25 Aug 21 17:35
Sample : 10ug/L VOC STD 8/25/21
Misc : IS&S 6/4/21

Vial: 7
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Aug 26 16:25 2021 Quant Results File: M0825SUR.RES

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



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 16:25 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

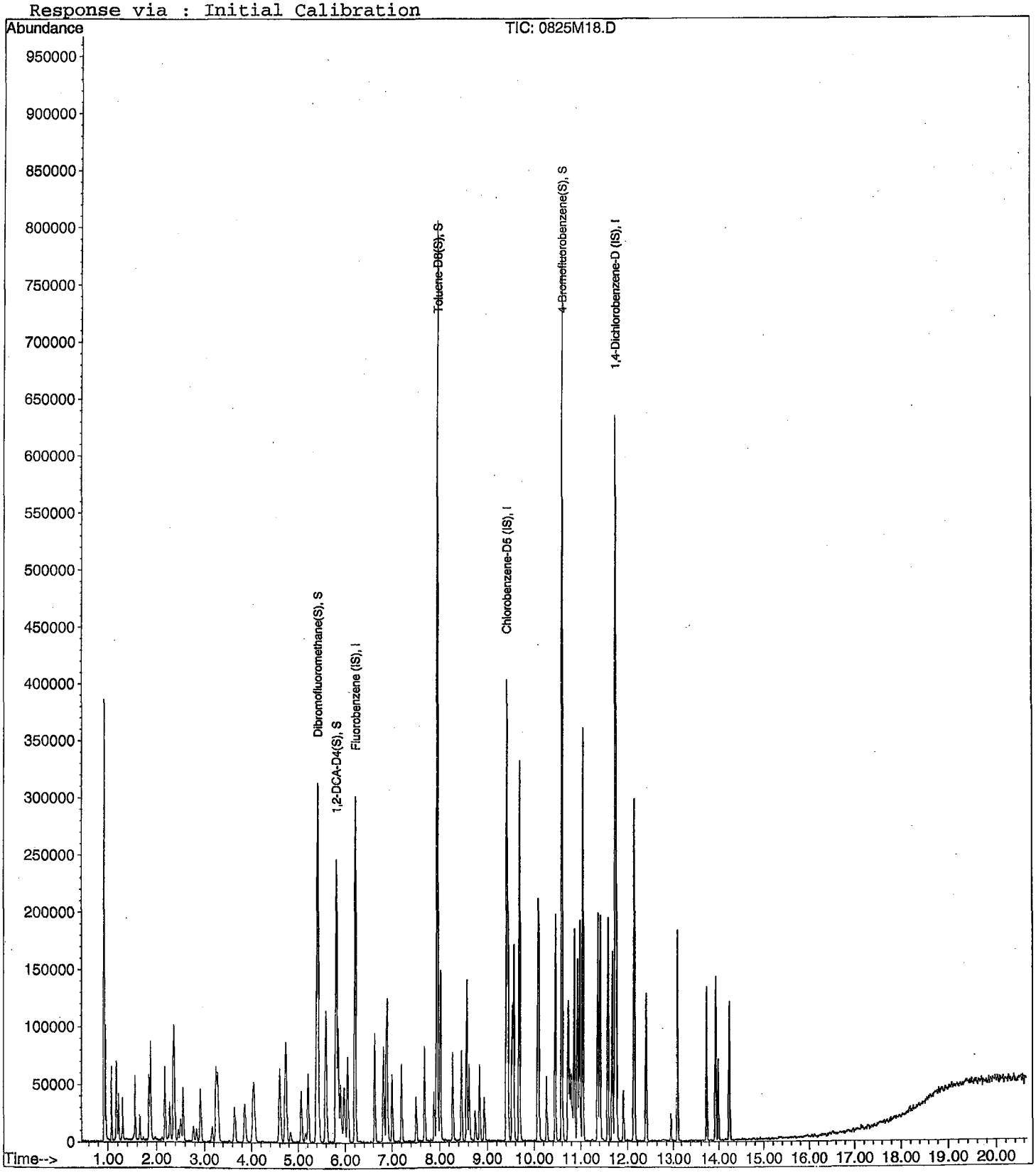
(#) = qualifier out of range (m) = manual integration

Data File : M:\MAX\DATA\210825\0825M18.D
Acq On : 25 Aug 21 18:03
Sample : 20ug/L VOC STD 8/25/21
Misc : IS&S 6/4/21

Vial: 8
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Aug 26 16:25 2021 Quant Results File: M0825SUR.RES

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



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 16:25 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

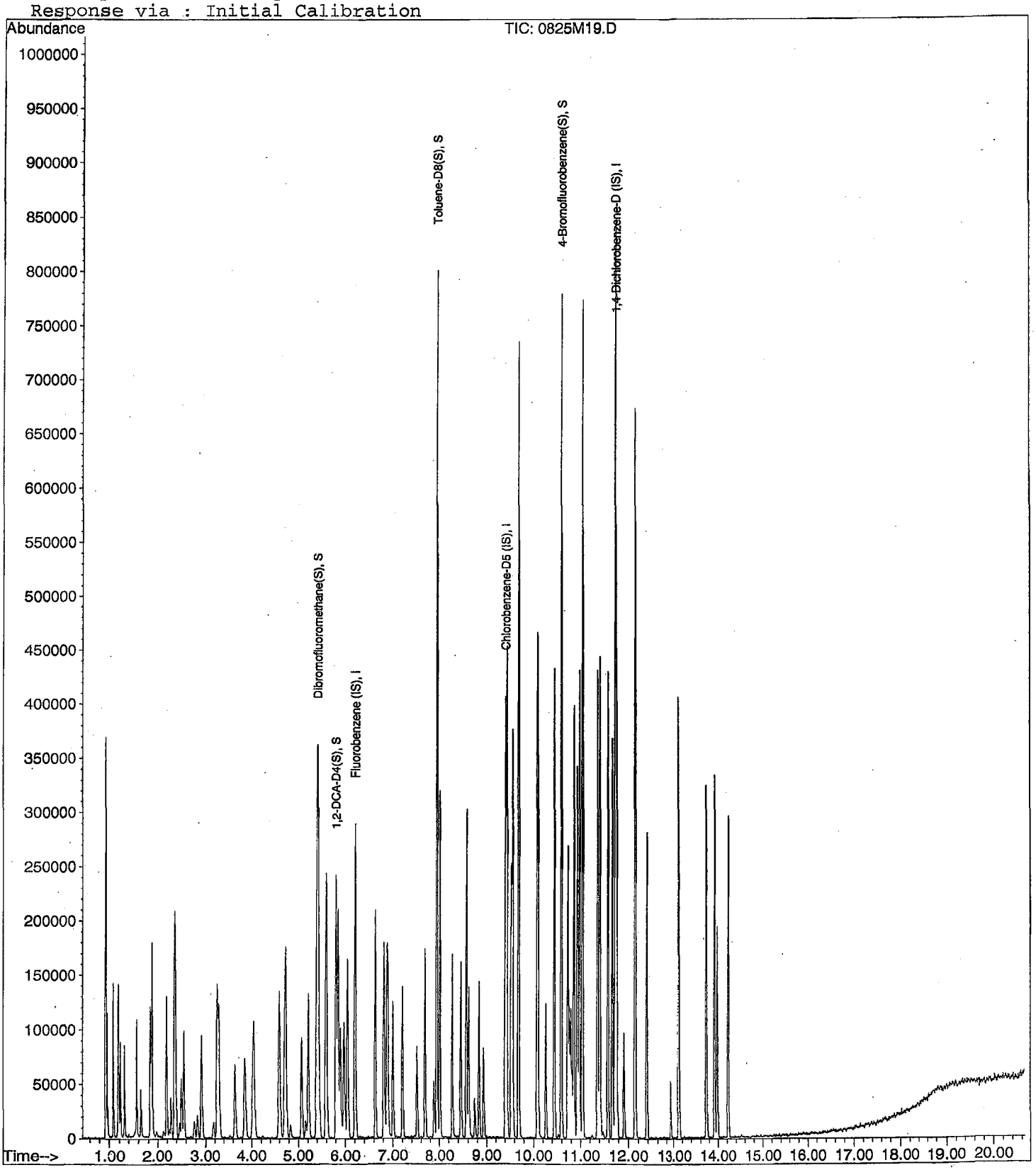
(#) = qualifier out of range (m) = manual integration

Data File : M:\MAX\DATA\210825\0825M19.D
Acq On : 25 Aug 21 18:31
Sample : 40ug/L VOC STD 8/25/21
Misc : IS&S 6/4/21

Vial: 9
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Aug 26 16:25 2021 Quant Results File: M0825SUR.RES

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



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M20.D
Acq On : 25 Aug 21 18:59
Sample : 100ug/L VOC STD 8/25/21
Misc : IS&S 6/4/21

Vial: 10
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Aug 26 16:25 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

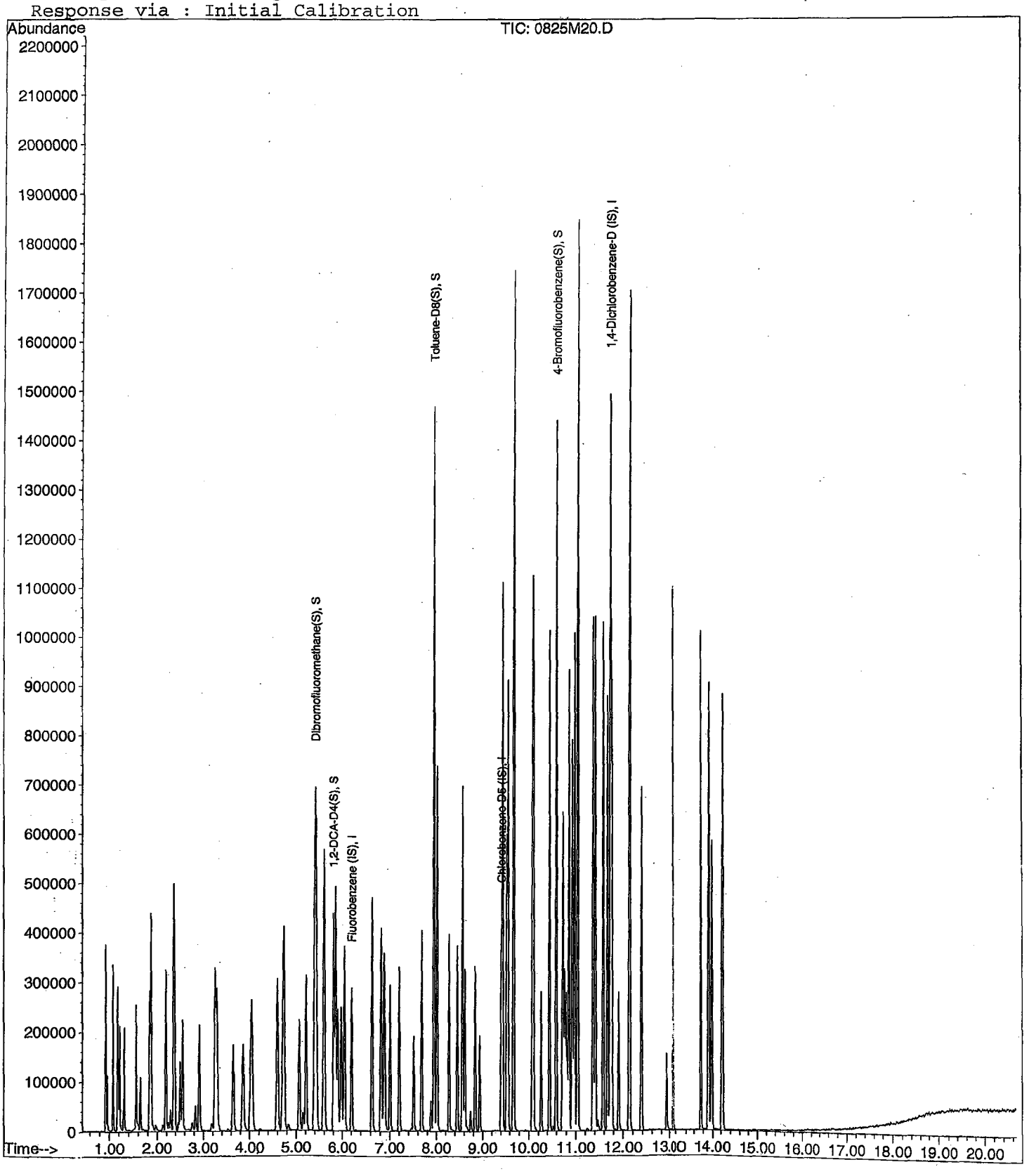
Data File : M:\MAX\DATA\210825\0825M20.D
Acq On : 25 Aug 21 18:59
Sample : 100ug/L VOC STD 8/25/21
Misc : IS&S 6/4/21

Vial: 10
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Aug 26 16:25 2021

Quant Results File: M0825SUR.RES

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



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	1.312	65	TMHBL	12
2							
3							
4							
5							
6							
7							
8							
9							
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11							
12							
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38							
39							
40							
		Average			65.0		

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: Sep 1 8:52 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	4459802m	336.84	ppb	100

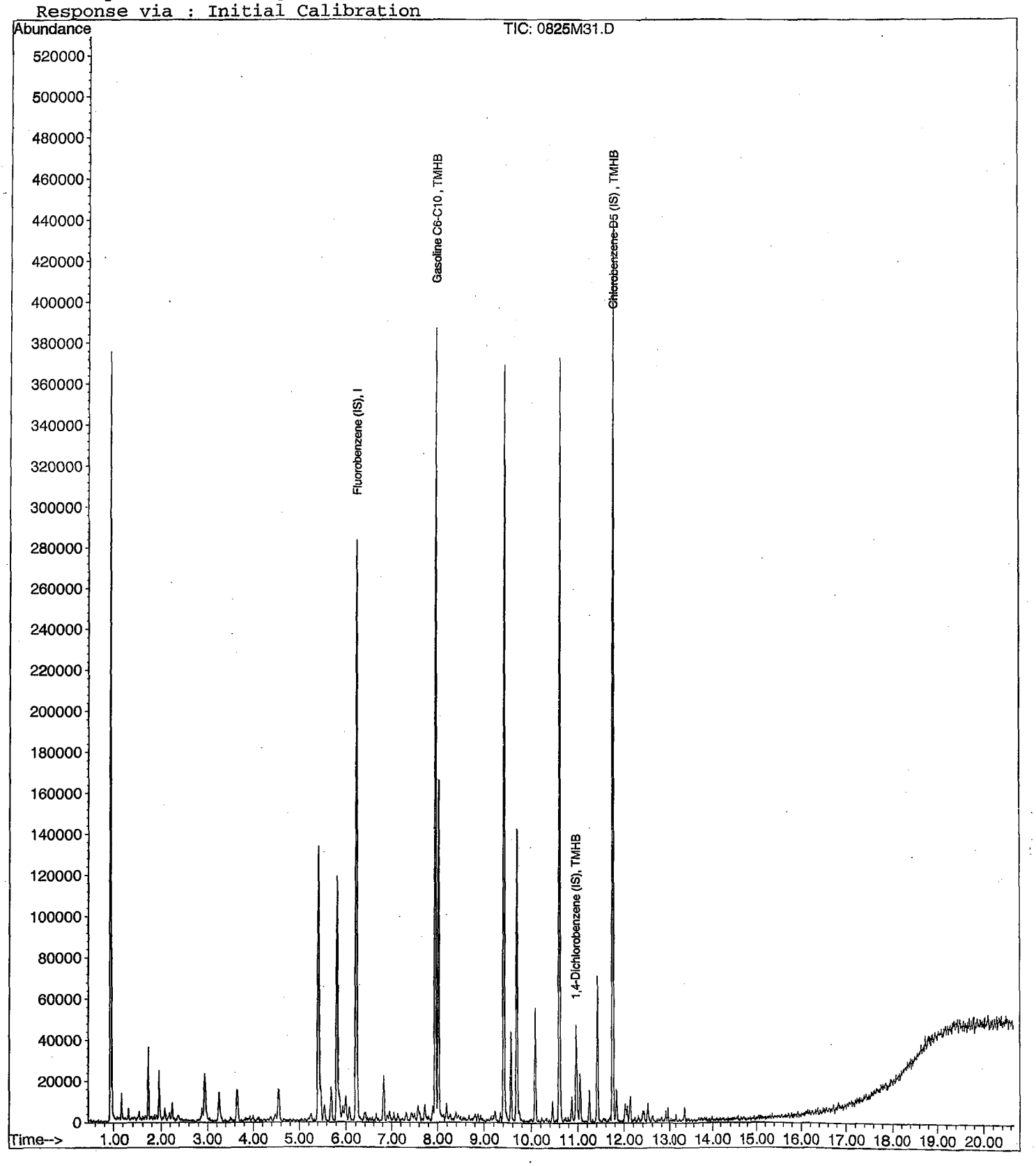
(#) = qualifier out of range (m) = manual integration

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: Sep 1 8:52 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: 10/26/2021
Instrument: Max
Initial Cal. Date: 8/25/2021
Data File: 1026M28.D

		Compound	MEAN	CCRF	%D	%Drift	
1	I	Fluorobenzene (IS)	ISTD			I	
2	TMHB	Gasoline C6-C10	3.704	1.331	64	TMHBL	17
3	TMHB	Chlorobenzene-D5 (IS)	ISTD			TMHB	
4	TMHB	1,4-Dichlorobenzene (IS)	ISTD			TMHB	
5							
6							
7							
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40							
		Average			64.0		

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1026M28.D Vial: 28
Acq On : 26 Oct 21 21:55 Operator: LP,DG,CH
Sample : 211026B CCV 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 15:43 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

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.37	TIC	421508	25.000 ppb	0.16
3) Chlorobenzene-D5 (IS)	11.75	TIC	1180010m	25.000 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	118167m	25.000 ppb	0.00
System Monitoring Compounds					
Target Compounds					Qvalue
2) Gasoline C6-C10	8.08	TIC	6729880m	351.941 ppb	100

(#) = qualifier out of range (m) = manual integration

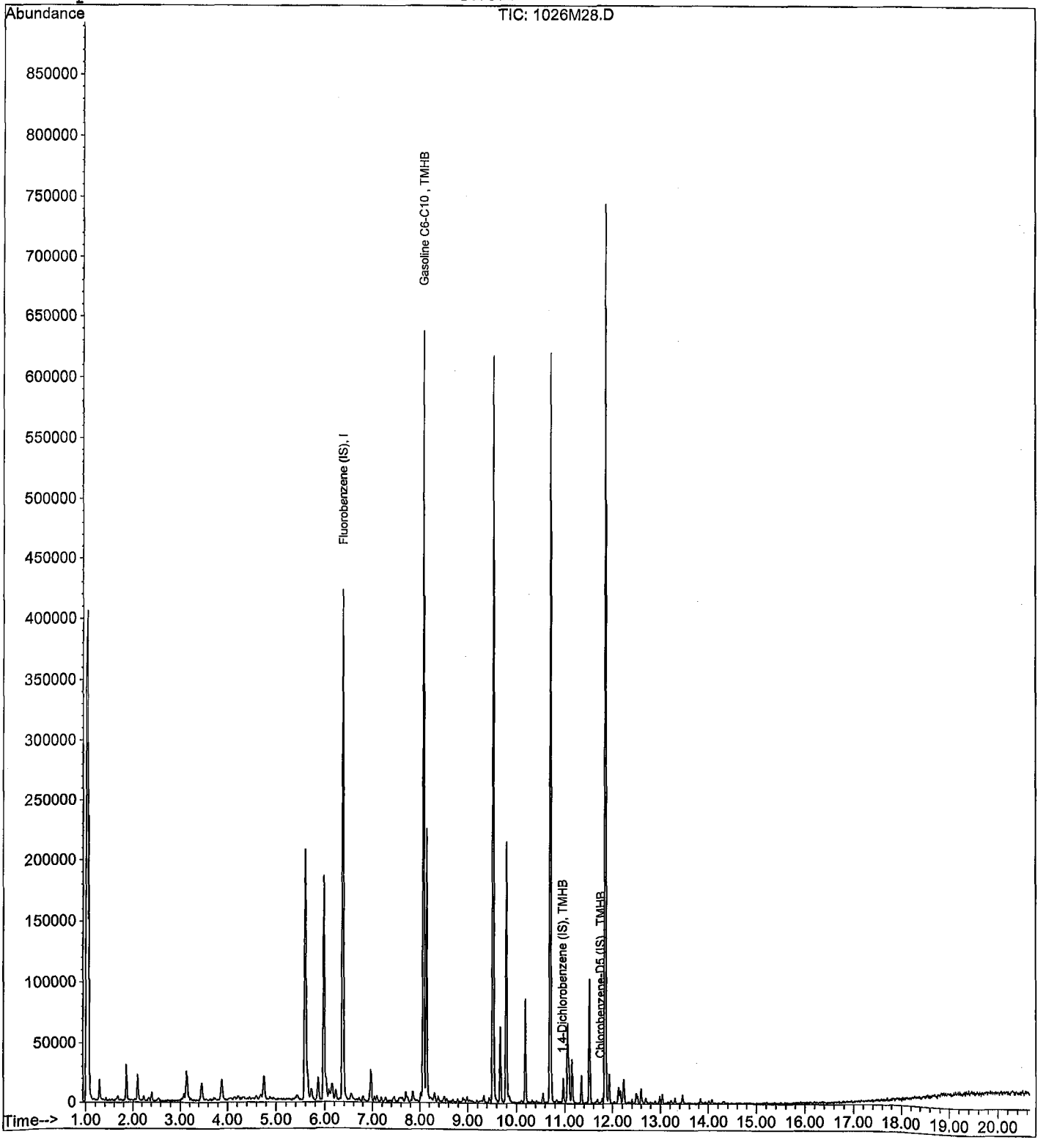
Data File : M:\MAX\DATA\211015\1026M28.D
Acq On : 26 Oct 21 21:55
Sample : 211026B CCV 300ug/L
Misc : IS&S 8/4/21

Vial: 28
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 28 15:43 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

Ending Continuing Calibration

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

SDG No:
Date Analyzed: 10/27/2021
Instrument: Max
Initial Cal. Date: 8/25/2021
Data File: 1026M46.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Fluorobenzene (IS)	ISTD			I	
2	TMHB	Gasoline C6-C10	3.704	1.290	65	TMHBL	6.5
3	TMHB	Chlorobenzene-D5 (IS)	ISTD			TMHB	
4	TMHB	1,4-Dichlorobenzene (IS)	ISTD			TMHB	
5							
6							
7							
8							
9							
10							
11							
12							
13							
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35							
36							
37							
38							
39							
40							
		Average			65.0		

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1026M46.D Vial: 46
Acq On : 27 Oct 21 6:23 Operator: LP,DG,CH
Sample : Ending CCV 300ug/L 10/26/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 15:45 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

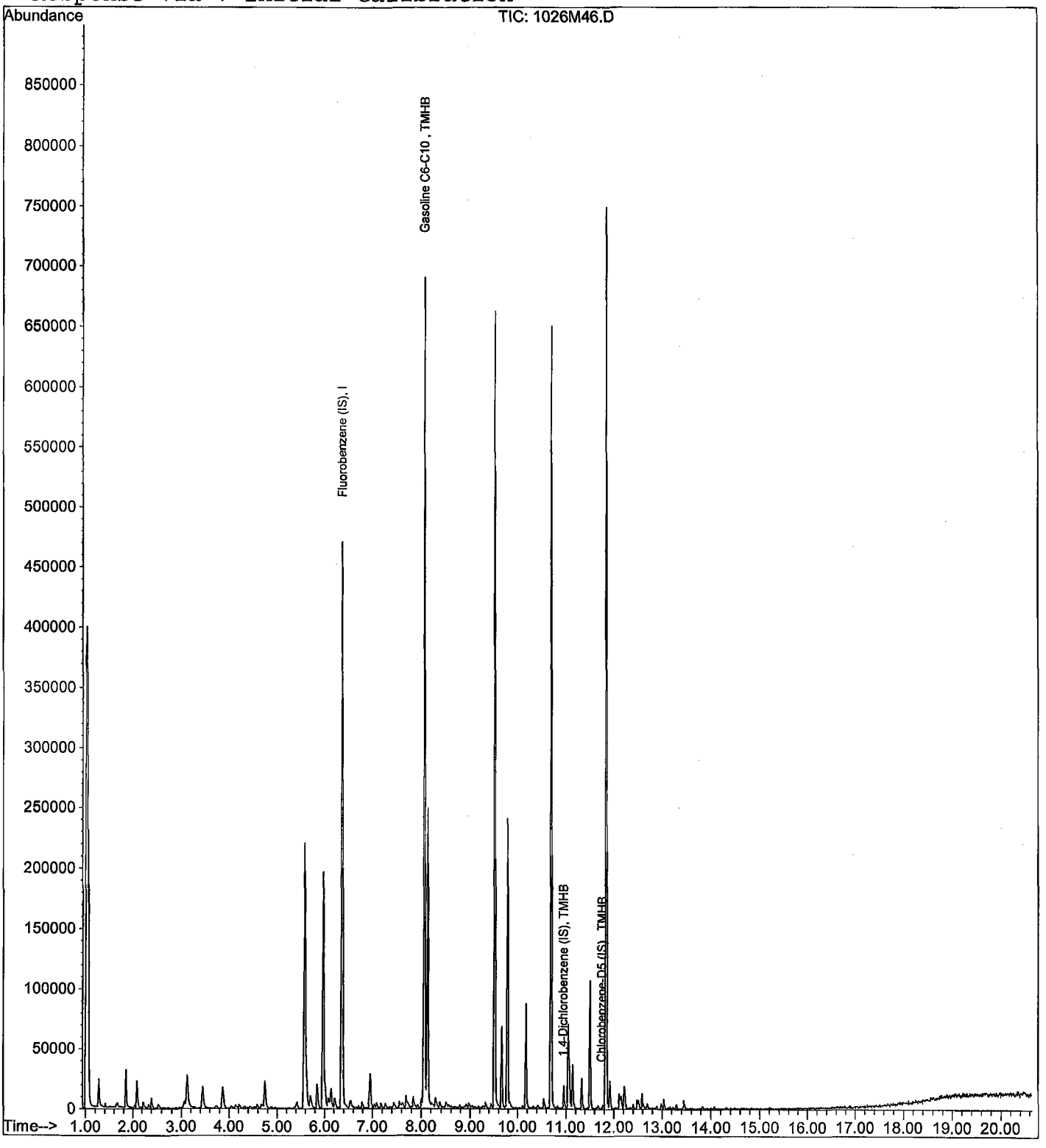
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.37	TIC	470524	25.000	ppb	0.16
3) Chlorobenzene-D5 (IS)	11.75	TIC	1183520m	25.000	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	119761m	25.000	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	8.07	TIC	7285476m	319.490	ppb	100

(#) = qualifier out of range (m) = manual integration

Data File : M:\MAX\DATA\211015\1026M46.D Vial: 46
Acq On : 27 Oct 21 6:23 Operator: LP,DG,CH
Sample : Ending CCV 300ug/L 10/26/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 15:45 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



ORGANICS
Raw Data

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211015\1026M32.D Vial: 32
Acq On : 26 Oct 21 23:48 Operator: LP,DG,CH
Sample : BA43831W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 16:04 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.37	TIC	424581	25.000	ppb	0.16
3) Chlorobenzene-D5 (IS)	11.75	TIC	1122863m	25.000	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	10274m	25.000	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\1026M32.D Vial: 32
Acq On : 26 Oct 21 23:48 Operator: LP,DG,CH
Sample : BA43831W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 16:10 2021 Quant Results File: SURR015W.RES

Quant Method : M:\MAX\DATA\211015\SURR015W.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	380538	25.000	ppb	0.03
4) Chlorobenzene-D5 (IS)	9.52	117	340415	25.000	ppb	0.03
7) 1,4-Dichlorobenzene-D (IS)	11.85	152	213661	25.000	ppb	0.03
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.59	111	119131	25.207	ppb	0.03
Spiked Amount 25.000			Recovery =	100.828%		
3) 1,2-DCA-D4(S)	5.98	65	78184	23.718	ppb	0.03
Spiked Amount 25.000			Recovery =	94.872%		
5) Toluene-D8(S)	8.08	98	382036	24.417	ppb	0.03
Spiked Amount 25.000			Recovery =	97.668%		
6) 4-Bromofluorobenzene(S)	10.70	95	151274	23.939	ppb	0.03
Spiked Amount 25.000			Recovery =	95.756%		

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

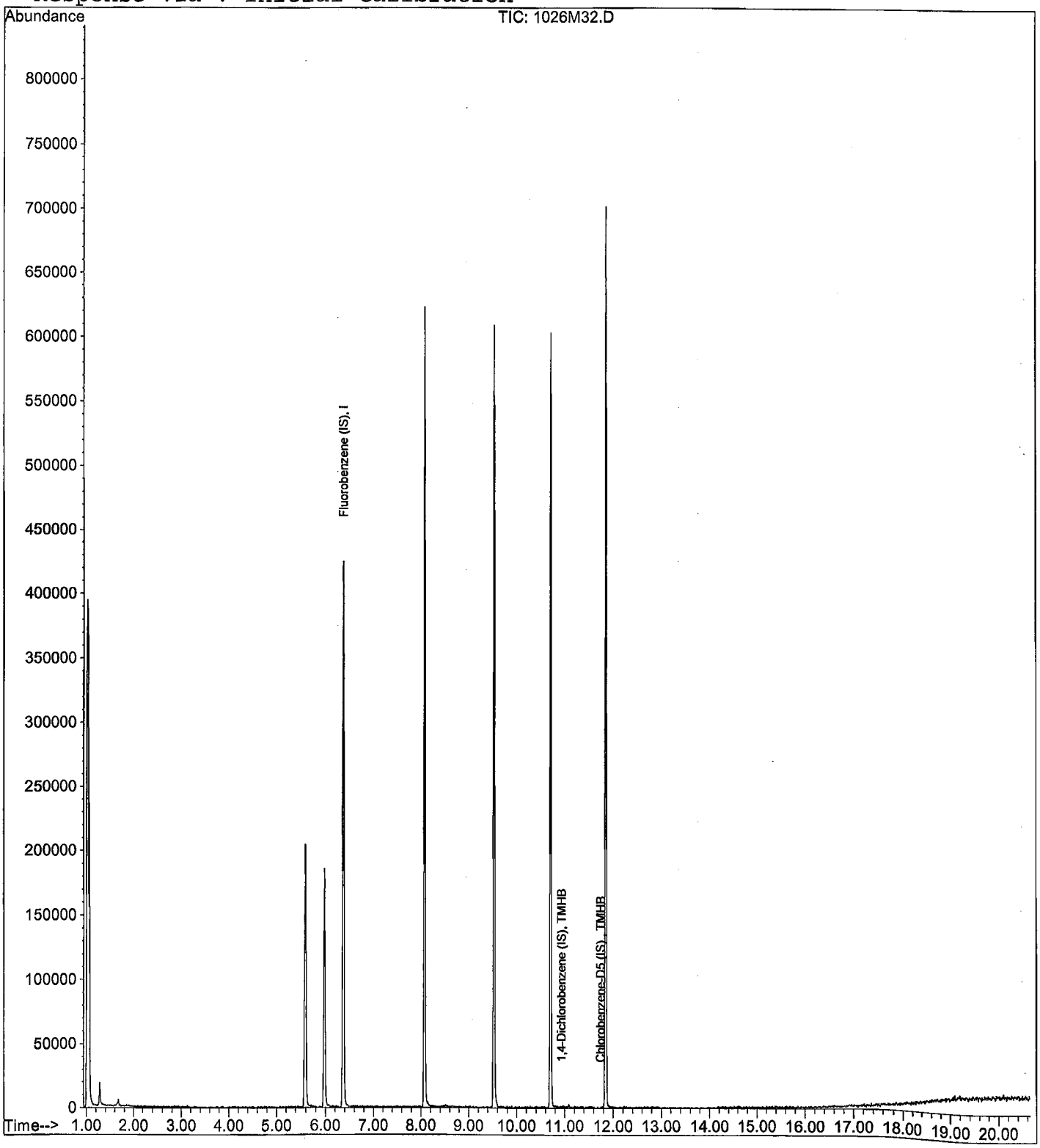
Data File : M:\MAX\DATA\211015\1026M32.D
Acq On : 26 Oct 21 23:48
Sample : BA43831W01
Misc : IS&S 8/4/21

Vial: 32
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 28 16:04 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



Data File : M:\MAX\DATA\211015\1026M33.D
Acq On : 27 Oct 21 00:16
Sample : BA43832W01
Misc : IS&S 8/4/21

Vial: 33
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 28 16:05 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.37	TIC	442175	25.000	ppb	0.16
3) Chlorobenzene-D5 (IS)	11.75	TIC	1136068m	25.000	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	7934m	25.000	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\1026M33.D Vial: 33
Acq On : 27 Oct 21 00:16 Operator: LP,DG,CH
Sample : BA43832W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 16:10 2021 Quant Results File: SURR015W.RES

Quant Method : M:\MAX\DATA\211015\SURR015W.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	380180	25.000 ppb	0.03
4) Chlorobenzene-D5 (IS)	9.53	117	340764	25.000 ppb	0.03
7) 1,4-Dichlorobenzene-D (IS)	11.85	152	209940	25.000 ppb	0.03
System Monitoring Compounds					
2) Dibromofluoromethane(S)	5.59	111	121515	25.735 ppb	0.03
Spiked Amount 25.000			Recovery =	102.940%	
3) 1,2-DCA-D4(S)	5.98	65	82664	25.101 ppb	0.03
Spiked Amount 25.000			Recovery =	100.404%	
5) Toluene-D8(S)	8.08	98	385805	24.633 ppb	0.03
Spiked Amount 25.000			Recovery =	98.532%	
6) 4-Bromofluorobenzene(S)	10.70	95	154434	24.414 ppb	0.03
Spiked Amount 25.000			Recovery =	97.656%	

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

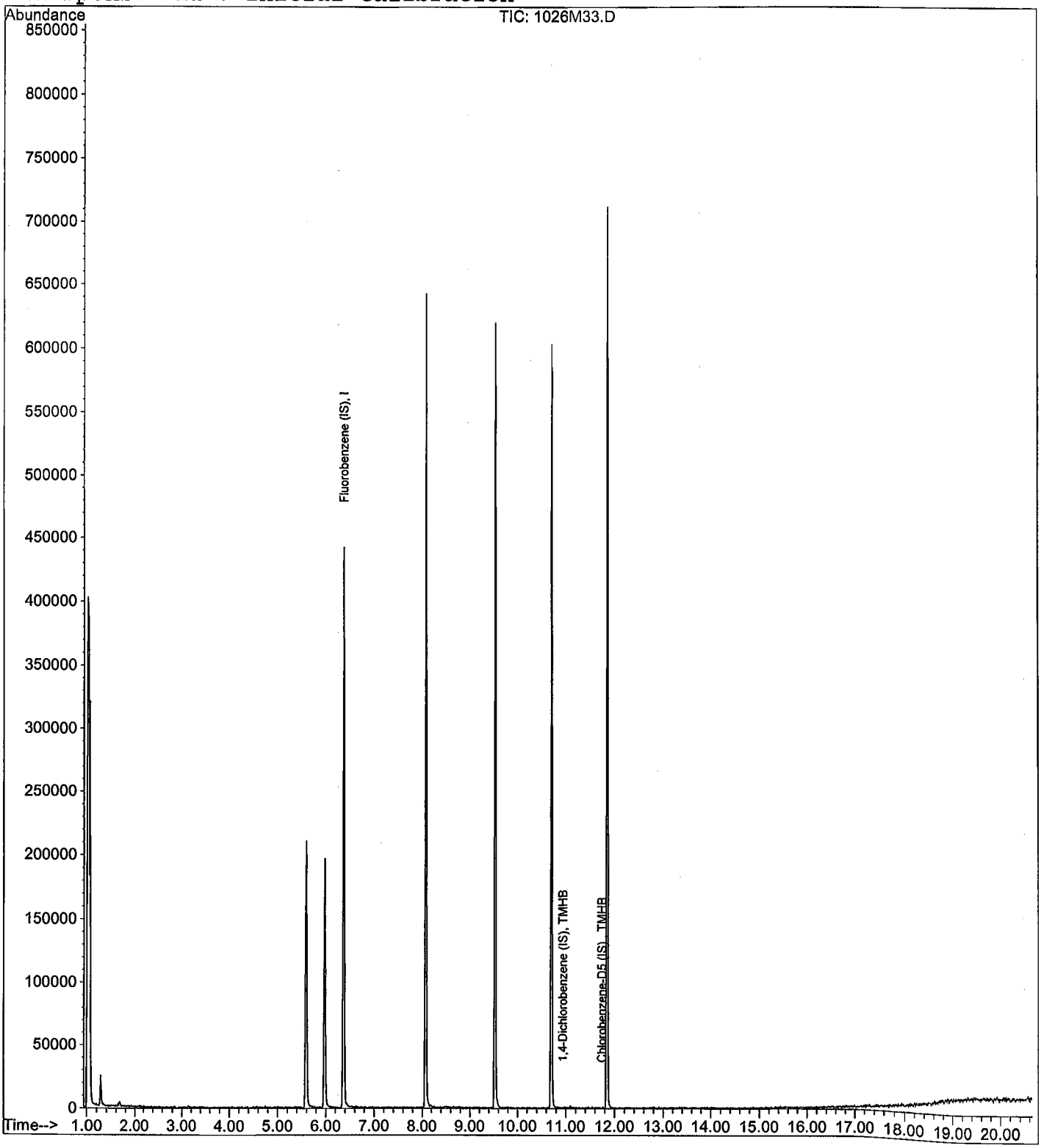
Data File : M:\MAX\DATA\211015\1026M33.D
Acq On : 27 Oct 21 00:16
Sample : BA43832W01
Misc : IS&S 8/4/21

Vial: 33
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 28 16:05 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\1026M34.D Vial: 34
Acq On : 27 Oct 21 00:44 Operator: LP,DG,CH
Sample : BA43833W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 16:05 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.37	TIC	456395	25.000	ppb	0.16
3) Chlorobenzene-D5 (IS)	11.75	TIC	1130411m	25.000	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	7710m	25.000	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\1026M34.D Vial: 34
Acq On : 27 Oct 21 00:44 Operator: LP,DG,CH
Sample : BA43833W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 16:10 2021 Quant Results File: SURR015W.RES

Quant Method : M:\MAX\DATA\211015\SURR015W.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	396001	25.000	ppb	0.03
4) Chlorobenzene-D5 (IS)	9.53	117	348920	25.000	ppb	0.03
7) 1,4-Dichlorobenzene-D (IS)	11.85	152	214989	25.000	ppb	0.03
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.59	111	127562	25.937	ppb	0.03
Spiked Amount 25.000			Recovery = 103.748%			
3) 1,2-DCA-D4(S)	5.98	65	84064	24.506	ppb	0.03
Spiked Amount 25.000			Recovery = 98.024%			
5) Toluene-D8(S)	8.08	98	405998	25.316	ppb	0.03
Spiked Amount 25.000			Recovery = 101.264%			
6) 4-Bromofluorobenzene(S)	10.70	95	156380	24.144	ppb	0.03
Spiked Amount 25.000			Recovery = 96.576%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration

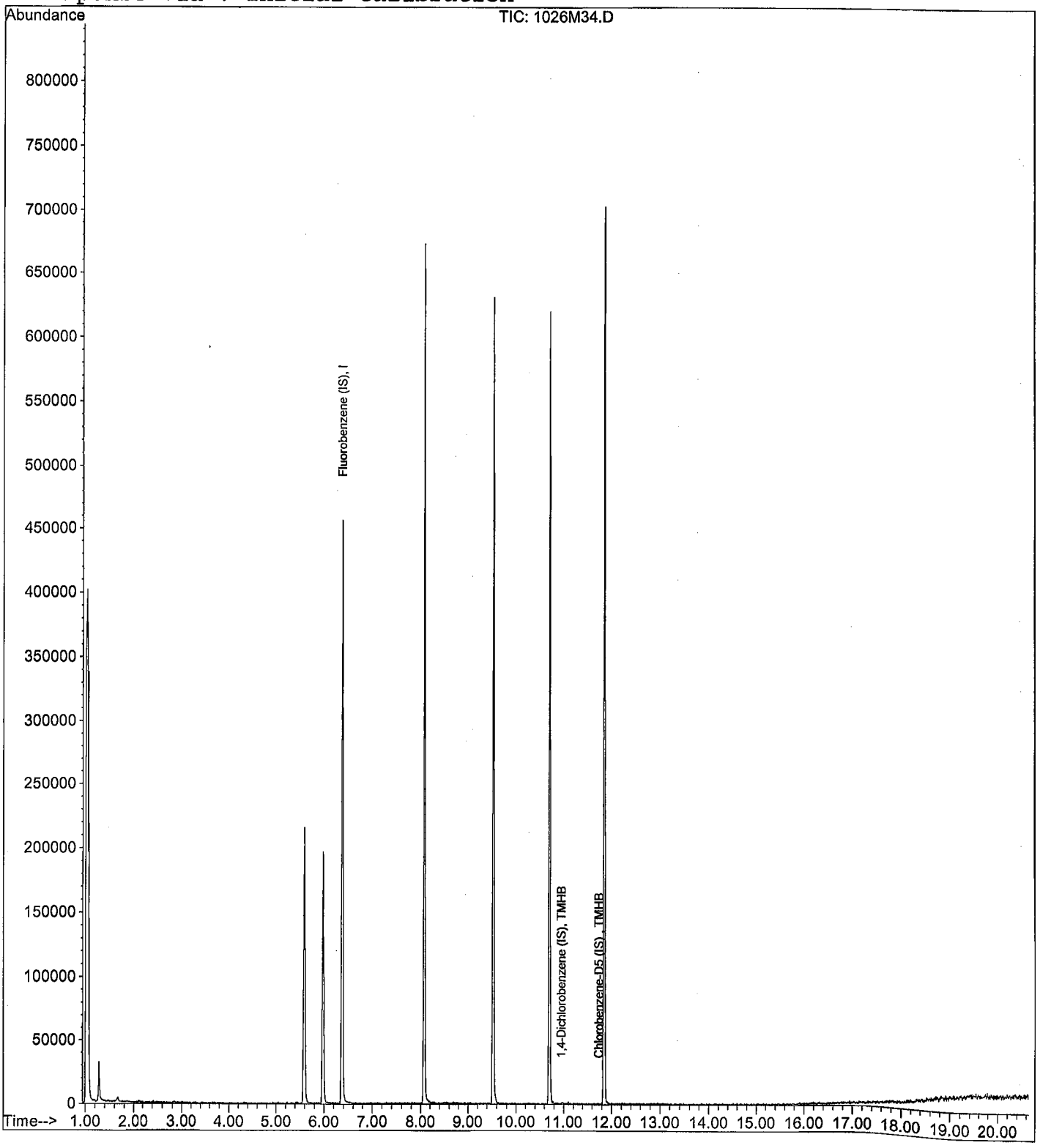
Data File : M:\MAX\DATA\211015\1026M34.D
Acq On : 27 Oct 21 00:44
Sample : BA43833W01
Misc : IS&S 8/4/21

Vial: 34
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 28 16:05 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\211015\1026M31.D Vial: 31
Acq On : 26 Oct 21 23:20 Operator: LP,DG,CH
Sample : 211026B BLK Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 15:55 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

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.37	TIC	454647	25.000 ppb	0.16
3) Chlorobenzene-D5 (IS)	11.75	TIC	1149629m	25.000 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	10149m	25.000 ppb	0.00
System Monitoring Compounds					
Target Compounds					Qvalue
2) Gasoline C6-C10	7.95	TIC	4312989m	-83.900 ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1026M31.D Vial: 31
Acq On : 26 Oct 21 23:20 Operator: LP,DG,CH
Sample : 211026B BLK Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 16:10 2021 Quant Results File: SURR015W.RES

Quant Method : M:\MAX\DATA\211015\SURR015W.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	396235	25.000	ppb	0.03
4) Chlorobenzene-D5 (IS)	9.53	117	350438	25.000	ppb	0.03
7) 1,4-Dichlorobenzene-D (IS)	11.85	152	212898	25.000	ppb	0.03
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.59	111	122793	24.952	ppb	0.03
Spiked Amount 25.000			Recovery =	99.808%		
3) 1,2-DCA-D4(S)	5.98	65	85552	24.925	ppb	0.03
Spiked Amount 25.000			Recovery =	99.700%		
5) Toluene-D8(S)	8.08	98	398165	24.720	ppb	0.03
Spiked Amount 25.000			Recovery =	98.880%		
6) 4-Bromofluorobenzene(S)	10.70	95	162293	24.948	ppb	0.03
Spiked Amount 25.000			Recovery =	99.792%		

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

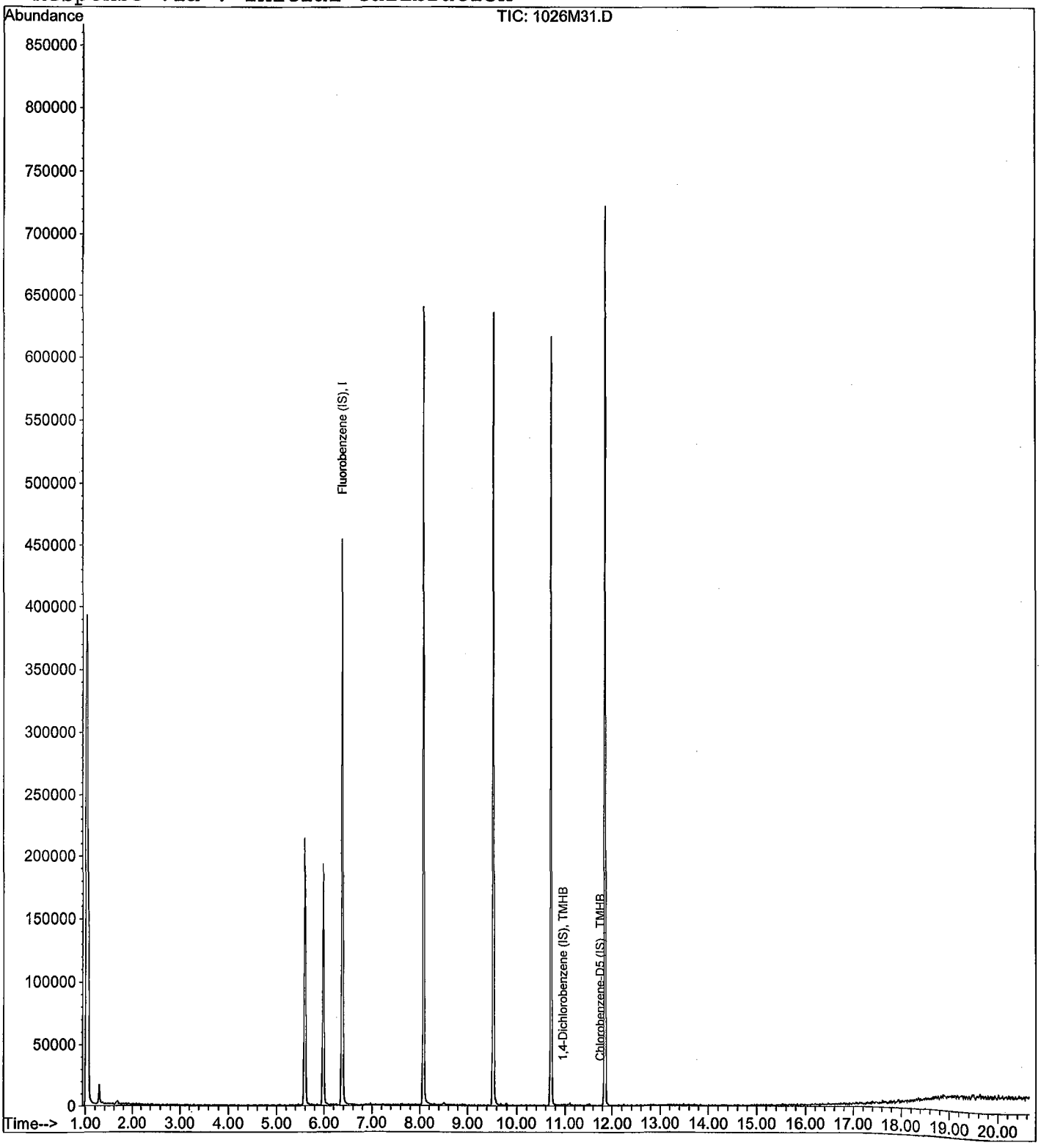
Data File : M:\MAX\DATA\211015\1026M31.D
Acq On : 26 Oct 21 23:20
Sample : 211026B BLK
Misc : IS&S 8/4/21

Vial: 31
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 28 15:55 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\1026M29.D Vial: 29
Acq On : 26 Oct 21 22:23 Operator: LP,DG,CH
Sample : 211026B LCS 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 27 10:53 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)	6.37	TIC	439051	25.000	ppb	0.16
3) Chlorobenzene-D5 (IS)	11.75	TIC	1165967m	25.000	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	111331m	25.000	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	8.08	TIC	6834012m	324.983	ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1026M29.D Vial: 29
Acq On : 26 Oct 21 22:23 Operator: LP,DG,CH
Sample : 211026B LCS 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 16:10 2021 Quant Results File: SURR015W.RES

Quant Method : M:\MAX\DATA\211015\SURR015W.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	382608	25.000	ppb	0.03
4) Chlorobenzene-D5 (IS)	9.53	117	341910	25.000	ppb	0.03
7) 1,4-Dichlorobenzene-D (IS)	11.85	152	223205	25.000	ppb	0.03
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.59	111	121452	25.559	ppb	0.03
Spiked Amount 25.000			Recovery = 102.236%			
3) 1,2-DCA-D4(S)	5.98	65	81424	24.568	ppb	0.03
Spiked Amount 25.000			Recovery = 98.272%			
5) Toluene-D8(S)	8.08	98	387390	24.651	ppb	0.03
Spiked Amount 25.000			Recovery = 98.604%			
6) 4-Bromofluorobenzene(S)	10.70	95	158025	24.898	ppb	0.03
Spiked Amount 25.000			Recovery = 99.592%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

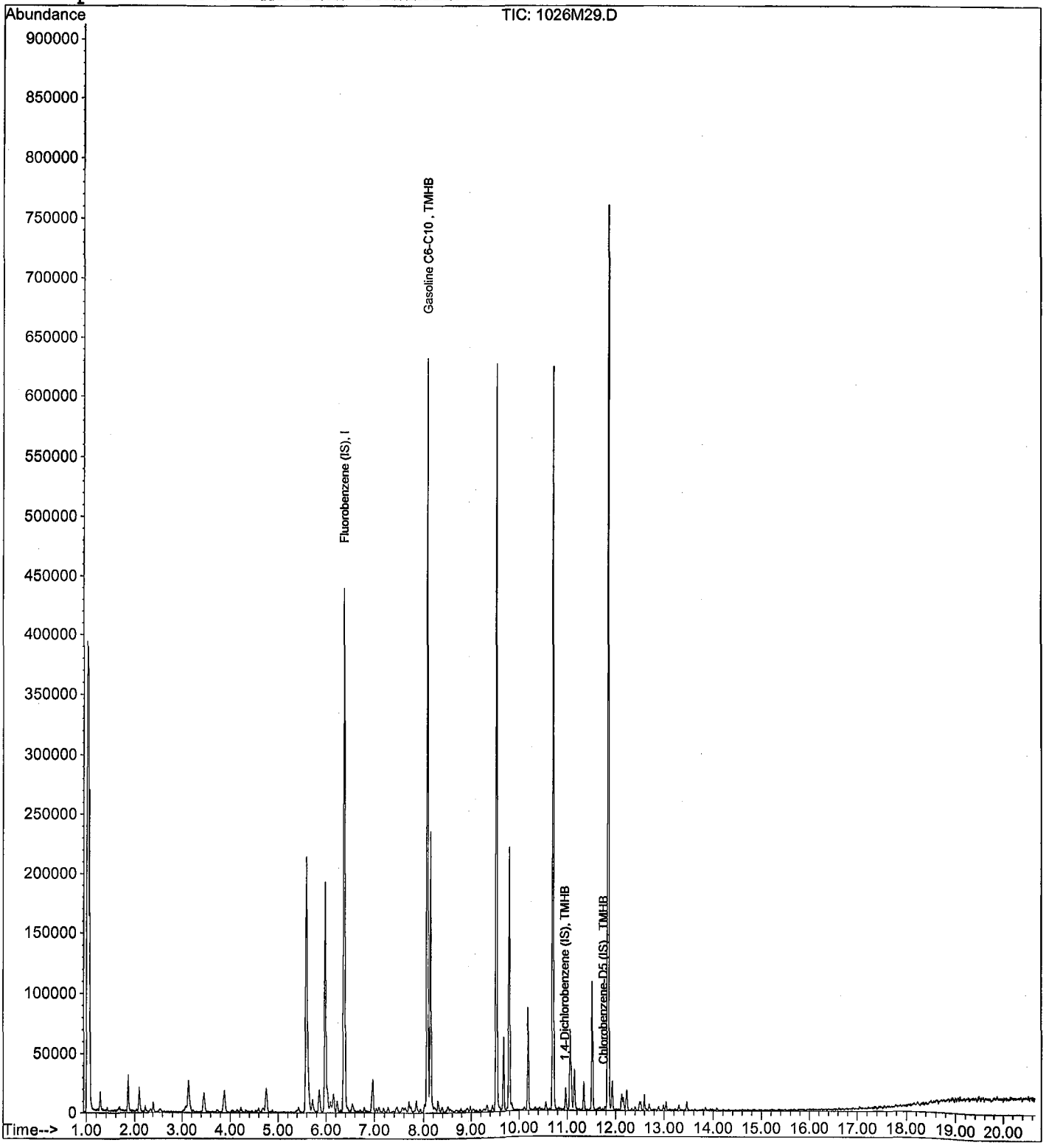
Data File : M:\MAX\DATA\211015\1026M29.D
Acq On : 26 Oct 21 22:23
Sample : 211026B LCS 300ug/L
Misc : IS&S 8/4/21

Vial: 29
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 27 10:53 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\1026M30.D Vial: 30
Acq On : 26 Oct 21 22:51 Operator: LP,DG,CH
Sample : 211026B LCSD 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 27 10:55 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)	6.37	TIC	440530	25.000	ppb	0.16
3) Chlorobenzene-D5 (IS)	11.75	TIC	1177830m	25.000	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	132726m	25.000	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	8.08	TIC	7068690m	357.300	ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211015\1026M30.D Vial: 30
Acq On : 26 Oct 21 22:51 Operator: LP,DG,CH
Sample : 211026B LCSD 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 28 16:10 2021 Quant Results File: SURR015W.RES

Quant Method : M:\MAX\DATA\211015\SURR015W.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	374708	25.000	ppb	0.03
4) Chlorobenzene-D5 (IS)	9.53	117	335196	25.000	ppb	0.03
7) 1,4-Dichlorobenzene-D (IS)	11.85	152	222413	25.000	ppb	0.03
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.59	111	120694	25.935	ppb	0.03
Spiked Amount 25.000			Recovery = 103.740%			
3) 1,2-DCA-D4(S)	5.98	65	80816	24.898	ppb	0.03
Spiked Amount 25.000			Recovery = 99.592%			
5) Toluene-D8(S)	8.08	98	391601	25.418	ppb	0.03
Spiked Amount 25.000			Recovery = 101.672%			
6) 4-Bromofluorobenzene(S)	10.70	95	156307	25.120	ppb	0.03
Spiked Amount 25.000			Recovery = 100.480%			

Target Compounds Qvalue

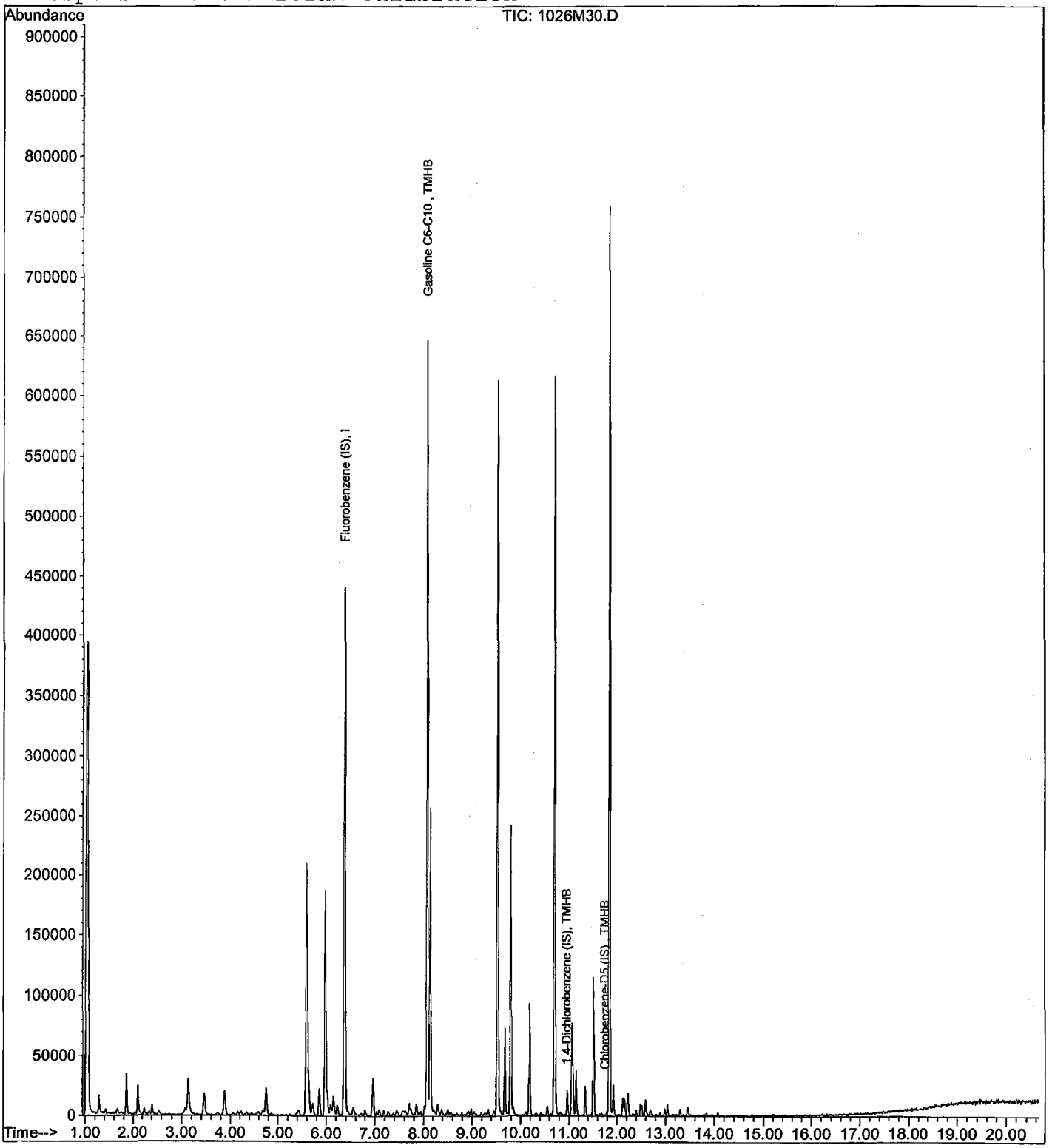
(#) = qualifier out of range (m) = manual integration

Data File : M:\MAX\DATA\211015\1026M30.D
Acq On : 26 Oct 21 22:51
Sample : 211026B LCSD 300ug/L
Misc : IS&S 8/4/21

Vial: 30
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Oct 27 10:55 2021 Quant Results File: MGAS0825.RES

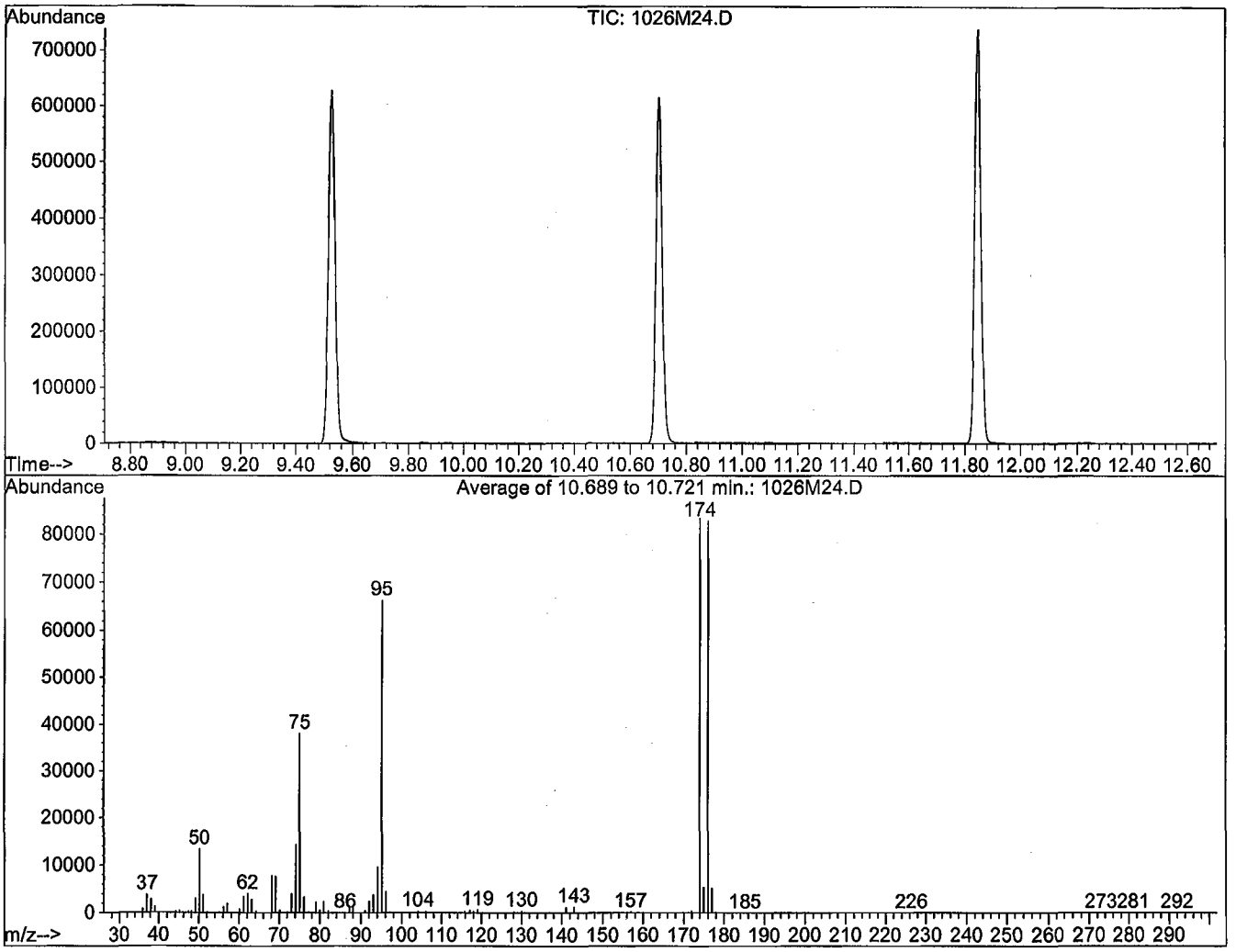
Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Data File : M:\MAX\DATA\211015\1026M24.D
Acq On : 26 Oct 21 20:01
Sample : 25ug/L BFB STD 9/23/21
Misc : IS&S 8/4/21

Vial: 24
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 10.689 to 10.721 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.2	13407	PASS
75	95	30	60	57.6	38178	PASS
95	95	100	200	100.0	66281	PASS
96	95	5	9	6.7	4444	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	200	125.8	83394	PASS
175	174	5	9	6.5	5389	PASS
176	174	95	101	99.4	82876	PASS
177	176	5	9	6.3	5219	PASS

Injection Log

Directory: M:\MAX\DATA\210825\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	0825M11.D	1	25ug/L BFB STD 7/13/21	IS&S 6/4/21	25 Aug 21 14:47
2	2	0825M12.D	1	0.3ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 15:15
3	3	0825M13.D	1	0.5ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 15:43
4	4	0825M14.D	1	1ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 16:11
5	5	0825M15.D	1	2ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 16:39
6	6	0825M16.D	1	5ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 17:07
7	7	0825M17.D	1	10ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 17:35
8	8	0825M18.D	1	20ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 18:03
9	9	0825M19.D	1	40ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 18:31
10	10	0825M20.D	1	100ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 18:59
11	13	0825M23.D	1	20ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 20:23
12	14	0825M24.D	1	50ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 20:51
13	15	0825M25.D	1	100ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 21:19
14	16	0825M26.D	1	300ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 21:47
15	17	0825M27.D	1	600ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 22:14
16	18	0825M28.D	1	800ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 22:42
17	19	0825M29.D	1	1000ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 23:10
18	21	0825M31.D	1	(SS) 300ug/L GAS STD 8/25/21	IS&S 6/4/21	26 Aug 21 00:06
19	24	1026M24.D	1	25ug/L BFB STD 9/23/21	IS&S 8/4/21	26 Oct 21 20:01
20	28	1026M28.D	1	211026B CCV 300ug/L	IS&S 8/4/21	26 Oct 21 21:55
21	29	1026M29.D	1	211026B LCS 300ug/L	IS&S 8/4/21	26 Oct 21 22:23
22	30	1026M30.D	1	211026B LCSD 300ug/L	IS&S 8/4/21	26 Oct 21 22:51
23	31	1026M31.D	1	211026B BLK	IS&S 8/4/21	26 Oct 21 23:20
24	32	1026M32.D	1	BA43831W01	IS&S 8/4/21	26 Oct 21 23:48
25	33	1026M33.D	1	BA43832W01	IS&S 8/4/21	27 Oct 21 00:16
26	34	1026M34.D	1	BA43833W01	IS&S 8/4/21	27 Oct 21 00:44
27	46	1026M46.D	1	Ending CCV 300ug/L 10/26/21	IS&S 8/4/21	27 Oct 21 6:23

INORGANIC ANALYSIS
Calibration and Raw Data

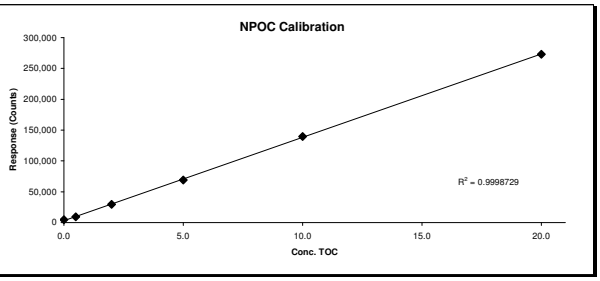
TOTAL ORGANIC CARBON

Method: WetChem | Units mg/L | Instrument: Tic Toc

Analyte: TOC | QCG: 211027A

Analyist: EA | Final Volume: 40mL

Date	Time	Appl ID	[TOC]	Raw	% Recovery
10/25/2021	19:20	QC blank	0.00	4558	
10/25/2021	19:56	Ical 1	0.50	9475	
10/25/2021	20:28	Ical 2	2.00	29763	
10/25/2021	21:02	Ical 3	5.00	69278	
10/25/2021	21:35	Ical 4	10.00	139847	
10/25/2021	22:08	Ical 5	20.00	273227	
10/25/2021	10:03	ICB	0.08	2197	
10/25/2021	10:39	ICV	10.40	144915	105.5%



Date	Time	Appl ID	DF	Raw Result	SubSample Amount	Filter Blank Subtract	Calc Conc	Result	Range (mg/L)	QC True	% Recovery
2021-10-27	04:14 PM	QCB	1	2894	40mL	0.000	0	0.00	0.00		
2021-10-27	09:24 PM	211027A CCV	1	71753	40mL	0.000	5.102	5.10	0.04	5.00	102.0%
2021-10-27	10:10 PM	211027A CCB	1	2333	40mL	0.000	0	0.00	0.00		
2021-10-27	10:55 PM	211027A LCS	1	72028	40mL	0.000	5.123	5.12	0.00	5.00	102.5%
2021-10-27	11:41 PM	211027A LCSD	1	71352	40mL	0.000	5.073	5.07	0.01	5.00	101.5%
2021-10-28	12:27 AM	BA43832W05	1	5605	40mL	0.000	0.232	0.23	0.05		
2021-10-28	01:10 AM	BA44243W01	1	127193	40mL	0.000	9.241	9.24	0.15		
2021-10-28	01:53 AM	BA44244W02	1	13898	40mL	0.000	0.846	0.85	0.08		
2021-10-28	02:35 AM	BA43839W02	1	8474	40mL	0.000	0.444	0.44	0.00		
2021-10-28	03:17 AM	BA43840W01	1	4994	40mL	0.000	0.186	0.19	0.03		
2021-10-28	03:58 AM	BA43837W05	1	4837	40mL	0.000	0.175	0.18	0.02		
2021-10-28	04:40 AM	BA43157W02	1	7965	40mL	0.000	0.406	0.41	0.05		
2021-10-28	05:21 AM	BA43156W01	1	4741	40mL	0.000	0.167	0.17	0.04		
2021-10-28	06:03 AM	BA43555W02	1	4787	40mL	0.000	0.171	0.17	0.01		
2021-10-28	06:45 AM	CCV	1	72640	40mL	0.000	5.168	5.17	0.07	5.00	103.4%
2021-10-28	07:31 AM	211027B CCB	1	2430	40mL	0.000	0	0.00	0.00		
2021-10-28	08:16 AM	BA43151W06	1	219427	40mL	0.000	16.075	16.08	0.06		
2021-10-28	08:59 AM	BA43158W02	1	6431	40mL	0.000	0.293	0.29	0.04		
2021-10-28	09:41 AM	BA44220W05 5310C	1	23329	40mL	0.000	1.545	1.55	0.00		
2021-10-28	10:24 AM	BA44221W05 5310C	1	18979	40mL	0.000	1.222	1.22	0.02		
2021-10-28	11:06 AM	BA44044W01	1	4697	40mL	0.000	0.164	0.16	0.02		
2021-10-28	11:49 AM	BA44045W02	1	11307	40mL	0.000	0.654	0.65	0.01		
2021-10-28	12:32 PM	BA44046W02	1	6046	40mL	0.000	0.264	0.26	0.03		
2021-10-28	01:14 PM	BA44048W05	1	6209	40mL	0.000	0.276	0.28	0.02		
2021-10-28	01:56 PM	BA44050W06	1	65464	40mL	0.000	4.667	4.67	0.27		
2021-10-28	02:40 PM	BA44052W05	1	38074	40mL	0.000	2.638	2.64	0.12		
2021-10-28	03:24 PM	CCV	1	68803	40mL	0.000	4.884	4.88	0.31	5.00	97.7%
2021-10-28	04:10 PM	CCB	1	2389	40mL	0.000	0	0.00	0.00		

Name of Final Standard TOC Calibration Curve — **Prep'd By (Initials)** KS

Prep Date 10/25/2021

Exp Date 10/25/2022

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)
Total Organic Carbon (TOC) Standard Cal 1	Agilent	IQC-106-5	1000 mg/L	0006588597-51848	3/31/2023	20 uL	40 mL	DI Water	0.5 ppm
Total Organic Carbon (TOC) Standard Cal 2	Agilent	IQC-106-5	1000 mg/L	0006588597-51848	3/31/2023	80 uL	40 mL	DI Water	2 ppm
Total Organic Carbon (TOC) Standard Cal 3	Agilent	IQC-106-5	1000 mg/L	0006588597-51848	3/31/2023	200 uL	40 mL	DI Water	5 ppm
Total Organic Carbon (TOC) Standard Cal 4	Agilent	IQC-106-5	1000 mg/L	0006588597-51848	3/31/2023	400 uL	40 mL	DI Water	10 ppm
Total Organic Carbon (TOC) Standard Cal 5	Agilent	IQC-106-5	1000 mg/L	0006588597-51848	3/31/2023	800 uL	40 mL	DI Water	20 ppm

Name of Final Standard ICV (TOC) — **Prep'd By (Initials)** KS

Prep Date 10/25/2021

Exp Date 10/25/2022

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)
1000 PPM ICV TOC Intermediate	APPL Inc.	IQC-106-5	1000 mg/L	0006465171-49409	6/30/2021	400 uL	40mL	DI Water	10 ppm

ICV recertified against the non-expired calibration

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-1 06-5	1000 mg/L	0006588597-51848	3/31/2023	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	3/31/2023	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	3/31/2023	200 uL	40 mL	sample	5 ppm