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

November 30, 2021

AECOM
1001 Bishop Street, Suite 1600
Honolulu, Hawaii 96813

Attn: Alethea Ramos

Title: Report of Data: Case 98097

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:

Two water samples were received November 4, 2021 and August 9, 2021. Written results for the requested analyses are being provided on this November 30, 2021.

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

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

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

Loren Portwood, Laboratory Director
APPL, Inc.

LP/lac
Enclosure
cc: File

Data Validation Package
for
60571032 CV18F0126 Red Hill Fuel Storage
APPL SDG 98097
TABLE OF CONTENTS

LABORATORY NAME: *APPL, Inc.*

CASE NARRATIVE

Case Narrative

ARF: 98097

Project: 60571032 CV18F0126 Red Hill Fuel Storage. HI

Sample Receipt Information:

Two water samples were received November 4, 2021 at 1.1°C, and 0.1°C. The sample group was assigned Analytical Request Form (ARF) number 98097.

Sample Preparation and Analysis Information:

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

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 sample was extracted according to EPA method 3520C.

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

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

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: For the 211108A-LCS/LCSD, the RPD recovers above the upper limit.

EPA 8015B SGC: For the 211108A-LCS/LCSD, the RPD recovers above the upper limit. In the 211108A-LCSD recovers Oil above the upper control limit.

SDG	Received	Client ID	APPL ID	Collected DateTime	Matrix	Method	Method Description
98097	11/4/2021	ERH1883	BA45104	11/3/2021 9:05:00 AM	WATER	EPA 8260B	EPA 8260B BTEX WATER
98097	11/4/2021	ERH1883	BA45104	11/3/2021 9:05:00 AM	WATER	EPA 8260B	EPA 8260B GRO WATER
98097	11/4/2021	ERH1884	BA45105	11/3/2021 9:25:00 AM	WATER	EPA 8260B	EPA 8260B BTEX WATER
98097	11/4/2021	ERH1884	BA45105	11/3/2021 9:25:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH WATER L-L SGC
98097	11/4/2021	ERH1884	BA45105	11/3/2021 9:25:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ
98097	11/4/2021	ERH1884	BA45105	11/3/2021 9:25:00 AM	WATER	EPA 8260B	EPA 8260B GRO WATER
98097	11/4/2021	ERH1884	BA45105	11/3/2021 9:25:00 AM	WATER	8270D-SIM	EPA 8270D SIM LIQ-LIQ
98097	11/4/2021	ERH1884	BA45105	11/3/2021 9:25:00 AM	WATER	SW846 9060A	9060A TOC
98097	11/4/2021	ERH1884 BLANK	BA45106	11/3/2021 9:25:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ

Abbreviations and Flags

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

SAMPLE RECORDS MANAGEMENT

CHAIN OF CUSTODY,

ARF, CRF, AND

CLIENT COMMUNICATION

APPL - Analysis Request Form 98097

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** # **53425**
RAD Screen (Y/N): **Y** pH (Y/N): **Y**
Turn Around Type: **1 WEEK**

Received by: **MSA**
Date Received: **11/04/21** Time: **11:30**
Delivered by: **FEDEX**
Shuttle Custody Seals (Y/N): **Y** Time Zone: **-10**
Chest Temp(s): **1.1°C**
Color: **VFRG/K-PurpleYellow**
Samples Chilled until Placed in Refrig/Freezer: **Y**
Project Manager: **Libby Cheesebor**
QC Report Type: **DVP4DOD/EQUIS/HI**
Due Date: **11/11/21**

Comments:
PM: login and F1s to Margie.Pascua@aecom.com & alethea.ramos@aecom.com
AN: INCLUDE STANDARD PREP SHEETS!!!!!!!
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
8270 SIM: 1-methylnaphthalene, 2-methylnaphthalene & naphthalene only.
TPH-D/O both with and w/o SGC, reverse surrog for SGC; analyze 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: 1-$DOC53SGCW5LIQ, 1-$DOC53W5LIQ, 1-$SIM53LIQ51, 1-$RHBLKETBLK
Extractions: 1-_LIQ003, 2-_LIQ005, 1-_LIQ005SGC
VOA: 2-$86BTOTXDOD5W, 2-$GASBL, 2-$GRO86BW
Wetlab: 1-$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.	ERH1883	LCSD BA45104W	11/03/21 09:05	$86BTOTXDOD5W, $GASBL, $GRO86BW -- See Comments
2.	ERH1884	LCSD BA45105W	11/03/21 09:25	$86BTOTXDOD5W, $DOC53SGCW5LIQ, $DOC53W5LIQ, $GASBL, $GRO86BW, $SIM53LIQ51, $TOCW53 -- See Comments
3.	ERH1884 BLANK	LCSD BA45106W	11/03/21 09:25	$RHBLKETBLK -- See Comments

APPL Sample Receipt Form

ARF# **98097**

Sample	Container Type	Count	p
BA45104	[13] VOAs - HCL	4	NA
BA45105	[13] VOAs - HCL	4	NA
	[17] Amber Liter	2	NA
	[32] Clear VOA - H2SO4	2	NA
	[39] Amber Liter, HCL prsvd	2	1.6
BA45106	[39] Amber Liter, HCL prsvd	1	NA

Sample	Container Type	Count	p

98097
1/1

APPL LABS

APPL, Inc.
908 N Temperance Ave
Clovis, CA 93611
www.applinc.com

Phone: (559) 275-2175
Fax: (559) 275-4422
coc@applinc.com

CHAIN OF CUSTODY RECORD

C.O.C. 53425 NOI #2

Report to: PLEASE PRINT		Invoice to: PLEASE PRINT	
Company Name: AECOM	Phone: (808) 521-3051	Company Name:	Phone:
Address: 1001 Bishop St., Suite 1600 Honolulu HI 96813	Fax: GV_18F0126160571032	Address:	Fax:
Attn: Alethea Ramos		Attn: Accounts Payable	
Email: Alethea.Ramos@aecom.com		Email: USAPImaging@aecom.com	

Project Name/Number	Sampler (Print)	Purchase Order Number	Sampler (Signature)
60571032.02.20.01	KL, AM	102604	Alan Clark for KL, AM

Sample Identification	Location	Date Collected	Time Collected	Time Zone	No. of Containers	Matrix: Aq	Matrix: Sed.	Matrix: Soil	Analysis Requested/Method Number: BTEX by 8260	TPH-G by 8260	TPH-d/o 8015	TPH d/o 8015 SGC	PAH short list & 270D SIM	TOC by 9060	Date Shipped: 11/3/21
RH1883	Trip Blank	11/3/21	0905	HST	4	X			X	X					Carrier: FedEx
RH1884	RHMW2254-01	11/3/21	0925	↓	10	X			X	X	X	X	X*	X	Waybill No.:
															Comments:

Note: Log NOI in separate SDG from other COC's

TPH-d/o and PAH's need liquid-liquid extraction

*Naphthalene
1-methylnaphthalene
2-methylnaphthalene

AM 11/3/2021

Shuttle Temperature:	Turnaround Requested: Check one	Sample Disposal:
R3C 3.0/1.1°C	☐ Standard 2-3 wk ☑ One week ☐ 3 days ☐ 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: Alexander Elmords	Date 11/3/21	Time 1500	Received by:	Relinquished by:	Date 11-4-21	Time 1130	Received at lab by:

White: Return to client with report AM 11/3/21 Yellow: Laboratory Copy See reverse side for Container Preservative and Sampling Information

COOLER RECEIPT FORM **ARF: 98097**

1) Project: 60571032 CV18F0126 Red Hill Fuel Storage Date Received: 11/4/2021

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: 3.0/1.1 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: ____
Lab notified if pH was not adequate: ____

Notes/Deficiencies:

CUSTODY SEAL
APPL, Inc. (559) 275-2175
Initials MY Date 11/3/21
NOT

Personnel receiving samples: MS Second reviewer: MS
Personnel labeling samples: DH
Project manager notified: MS Date/Time of notification 11/4/2021
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: 98097

Sample ID: ERH1884

APPL ID: BA45105

Sample Collection Date: 11/03/21

QCG: #DOC53-211108A1-270428

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	11/08/21	11/10/21
EPA 8015B-e	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	11/08/21	11/10/21
EPA 8015B-e	SURROGATE: (R) DECANOIC ACID (S)	0.0	0-1			%	11/08/21	11/10/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	100.0	60-142			%	11/08/21	11/10/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	81.0	56-125			%	11/08/21	11/10/21

Quant Method:	DEC0911.M
Run #:	1110026
Instrument:	Apollo
Sequence:	211110
Dilution Factor:	1
Initials:	KAB

Printed: 11/13/2021 4:09:23 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: 98097

Sample ID: ERH1884

APPL ID: BA45105

Sample Collection Date: 11/03/21

QCG: #DOC53-211108A-270426

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	11/08/21	11/11/21
EPA 8015B-e	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	11/08/21	11/11/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	83.0	60-142			%	11/08/21	11/11/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	67.3	56-125			%	11/08/21	11/11/21

Quant Method:	DOC1028.M
Run #:	1110038
Instrument:	Apollo
Sequence:	211110
Dilution Factor:	1
Initials:	KAB

Printed: 11/13/2021 4:09:23 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: 98097

Sample ID: ERH1884 BLANK

APPL ID: BA45106

Sample Collection Date: 11/03/21

QCG: #RHBLK-211105A-270425

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	11/05/21	11/09/21
EPA 8015B-e	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	11/05/21	11/09/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	80.8	60-142			%	11/05/21	11/09/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	64.9	56-125			%	11/05/21	11/09/21

Quant Method:	DOC1028.M
Run #:	1108062
Instrument:	Apollo
Sequence:	211108
Dilution Factor:	1
Initials:	KAB

Printed: 11/13/2021 4:09:23 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: 98097

Sample ID: ERH1884

APPL ID: BA45105

Sample Collection Date: 11/03/21

QCG: #SIM53-211109AK-271042

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	11/09/21	11/10/21
8270D-SIM	2-METHYLNAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	11/09/21	11/10/21
8270D-SIM	NAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	11/09/21	11/10/21
8270D-SIM	SURROGATE: 2-METHYLNAPHTHALEN	79.4	39-114			%	11/09/21	11/10/21
8270D-SIM	SURROGATE: FLUORANTHENE-D10 (S	88.2	58-120			%	11/09/21	11/10/21

Quant Method: K1019.M
Run #: 1019K406
Instrument: KYLO
Sequence: 211019
Dilution Factor: 1
Initials: LSI

Printed: 11/30/2021 12:00:48 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: 98097

Sample ID: ERH1883

APPL ID: BA45104

Sample Collection Date: 11/03/21

QCG: #86BTO-211109AM-270235

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	11/09/21	11/09/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	11/09/21	11/09/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	11/09/21	11/09/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	11/09/21	11/09/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	102	81-118			%	11/09/21	11/09/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	95.9	85-114			%	11/09/21	11/09/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	105	80-119			%	11/09/21	11/09/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	104	89-112			%	11/09/21	11/09/21

Quant Method: M1015W.M
Run #: 1109M12
Instrument: Max
Sequence: 211108
Dilution Factor: 1
Initials: PAN

Printed: 11/10/2021 1:39:39 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: 98097

Sample ID: ERH1884

APPL ID: BA45105

Sample Collection Date: 11/03/21

QCG: #86BTO-211109AM-270235

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	11/09/21	11/09/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	11/09/21	11/09/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	11/09/21	11/09/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	11/09/21	11/09/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	107	81-118			%	11/09/21	11/09/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	99.3	85-114			%	11/09/21	11/09/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	107	80-119			%	11/09/21	11/09/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	101	89-112			%	11/09/21	11/09/21

Quant Method: M1015W.M
Run #: 1109M13
Instrument: Max
Sequence: 211108
Dilution Factor: 1
Initials: PAN

Printed: 11/10/2021 1:39:39 PM
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: 98097

Sample ID: ERH1883

APPL ID: BA45104

Sample Collection Date: 11/03/21

QCG: #GRO86-211109AM-270327

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	11/09/21	11/09/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	97.3	85-114			%	11/09/21	11/09/21

Quant Method:	M0825SUR.M
Run #:	1109M12
Instrument:	Max
Sequence:	211108
Dilution Factor:	1
Initials:	PAN

Printed: 11/12/2021 1:27:12 PM

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: 98097

Sample ID: ERH1884

APPL ID: BA45105

Sample Collection Date: 11/03/21

QCG: #GRO86-211109AM-270327

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	11/09/21	11/09/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	101	85-114			%	11/09/21	11/09/21

Quant Method:	M0825SUR.M
Run #:	1109M13
Instrument:	Max
Sequence:	211108
Dilution Factor:	1
Initials:	PAN

Printed: 11/12/2021 1:27:12 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: ERH1884

APPL ID: BA45105

Sample Collection Date: 11/3/2021

ARF: 98097

Method	Analyte	Result	LOQ	LOD	DL	Units	DF	Prep Date	Analysis Date
SW846 9060A	TOTAL ORGANIC CARBON	0.350 U	0.93	0.350	0.130	mg/L	1	11/06/21	11/06/21

Printed: 11/11/2021 2:37:57 PM

APPL-F1-SC-NoMC-REG MDLs

QC FORMS

EPA 8015B-eHL

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 98097

Case No: 98097 Date Analyzed: 11/11/2021

Matrix: WATER Instrument: Apollo

APPL ID.	Client Sample No.	SURROGATE: OCTACOSANE (S)			SURROGATE: ORTHO-TERPHENYL (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211108A-BLK	Blank	60-142	88.8		56-125	71.9	
211108A-LCS	Lab Control Spike	60-142	68.0		56-125	62.5	
211108A-LCSD	Lab Control SpikeD	60-142	94.0		56-125	84.7	
BA45105	ERH1884	60-142	83.0		56-125	67.3	

Comments: Batch: #DOC53-211108A

EPA 8015B-eHL

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 98097

Case No: 98097 Date Analyzed: 11/10/2021

Matrix: WATER Instrument: Apollo

APPL ID.	Client Sample No.	SURROGATE: (R) DECANOIC ACID (S)			SURROGATE: OCTACOSANE (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211108A1-BLK	Blank	0-1	0.0		60-142	115	
211108A1-LCS	Lab Control Spike	0-1	0.0		60-142	72.7	
211108A1-LCSD	Lab Control SpikeD	0-1	0.0		60-142	117	
BA45105	ERH1884	0-1	0.0		60-142	100.0	

Comments: Batch: #DOC53-211108A1

EPA 8015B-eHL

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 98097

Case No: 98097 Date Analyzed: 11/10/2021

Matrix: WATER Instrument: Apollo

APPL ID.	Client Sample No.	SURROGATE: ORTHO-TERPHENYL (S)					
		Limits	Result	Qualifier	Limits	Result	Qualifier
211108A1-BLK	Blank	56-125	93.1				
211108A1-LCS	Lab Control Spike	56-125	65.9				
211108A1-LCSD	Lab Control SpikeD	56-125	103				
BA45105	ERH1884	56-125	81.0				

Comments: Batch: #DOC53-211108A1

EPA 8015B-eHL

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 98097

Case No: 98097 Date Analyzed: 11/9/2021

Matrix: WATER Instrument: Apollo

APPL ID.	Client Sample No.	SURROGATE: OCTACOSANE (S)			SURROGATE: ORTHO-TERPHENYL (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211105A-BLK	Blank	60-142	86.5		56-125	69.2	
211105A-LCS	Lab Control Spike	60-142	84.7		56-125	68.0	
211105A-LCSD	Lab Control SpikeD	60-142	78.7		56-125	63.0	
BA45106	ERH1884 BLANK	60-142	80.8		56-125	64.9	

Comments: Batch: #RHBLK-211105A

EPA 8015B-eH

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	98097
Case No:	98097	Date Analyzed:	11/11/2021
Matrix:	WATER	Instrument:	Apollo
Blank ID:	211108A-BLK	Time Analyzed:	0120

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211108A-BLK	Blank	1110033	11/11/2021 0120
211108A-LCS	Lab Control Spike	1110034	11/11/2021 0148
211108A-LCSD	Lab Control SpikeD	1110035	11/11/2021 0216
BA45105	ERH1884	1110038	11/11/2021 0340

Comments: Batch: #DOC53-211108A

EPA 8015B-eH

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	98097
Case No:	98097	Date Analyzed:	11/10/2021
Matrix:	WATER	Instrument:	Apollo
Blank ID:	211108A1-BLK	Time Analyzed:	1944

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211108A1-BLK	Blank	1110021	11/10/2021 1944
211108A1-LCS	Lab Control Spike	1110022	11/10/2021 2012
211108A1-LCSD	Lab Control SpikeD	1110023	11/10/2021 2040
BA45105	ERH1884	1110026	11/10/2021 2204

Comments: Batch: #DOC53-211108A1

EPA 8015B-eH

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	98097
Case No:	98097	Date Analyzed:	11/9/2021
Matrix:	WATER	Instrument:	Apollo
Blank ID:	211105A-BLK	Time Analyzed:	1154

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211105A-BLK	Blank	1108057	11/9/2021 1154
211105A-LCS	Lab Control Spike	1108058	11/9/2021 1222
211105A-LCSD	Lab Control SpikeD	1108059	11/9/2021 1250
BA45106	ERH1884 BLANK	1108062	11/9/2021 1415

Comments: Batch: #RHBLK-211105A

Method Blank
EPA 8015B TPH LIQ-LIQ

Blank Name/QCG: **211105W-45102 - 270425**
Batch ID: #RHBLK-211105A

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	11/5/2021	11/9/2021
BLANK	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	11/5/2021	11/9/2021
BLANK	SURROGATE: OCTACOSANE (S)	86.5	60-142			%	11/5/2021	11/9/2021
BLANK	SURROGATE: ORTHO-TERPHEN	69.2	56-125			%	11/5/2021	11/9/2021

Quant Method: DOC1028.M
Run #: 1108057
Instrument: Apollo
Sequence: 211108
Initials: KAB

GC SC-Blank-REG MDLs-DOD
Printed: 11/13/2021 4:09:51 PM

Method Blank
EPA 8015B TPH LIQ-LIQ

Blank Name/QCG: **211108W-45100 - 270426**
Batch ID: #DOC53-211108A

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	11/8/2021	11/11/2021
BLANK	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	11/8/2021	11/11/2021
BLANK	SURROGATE: OCTACOSANE (S)	88.8	60-142			%	11/8/2021	11/11/2021
BLANK	SURROGATE: ORTHO-TERPHEN	71.9	56-125			%	11/8/2021	11/11/2021

Quant Method: DOC1028.M
Run #: 1110033
Instrument: Apollo
Sequence: 211110
Initials: KAB

GC SC-Blank-REG MDLs-DOD
Printed: 11/13/2021 4:09:51 PM

Method Blank
EPA 8015B TPH WATER L-L SGC

APPL Inc.
908 North Temperance Avenu
Clovis, CA 93611

Blank Name/QCG: **211108W-45100 - 270428**
Batch ID: #DOC53-211108A1

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	11/8/2021	11/10/2021
BLANK	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	11/8/2021	11/10/2021
BLANK	SURROGATE: (R) DECANOIC AC	0.0	0-1			%	11/8/2021	11/10/2021
BLANK	SURROGATE: OCTACOSANE (S)	115	60-142			%	11/8/2021	11/10/2021
BLANK	SURROGATE: ORTHO-TERPHEN	93.1	56-125			%	11/8/2021	11/10/2021

Quant Method: DEC0911.M
Run #: 1110021
Instrument: Apollo
Sequence: 211110
Initials: KAB

GC SC-Blank-REG MDLs-DOD
Printed: 11/13/2021 4:09:51 PM

EPA 8015B-eH

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	98097
Case No:	98097	Date Analyzed:	11/11/2021
Matrix:	WATER	Instrument:	Apollo
LCS ID:	211108A-LCS	Time Analyzed:	0148

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211108A-BLK	Blank	1110033	11/11/2021 0120
211108A-LCS	Lab Control Spike	1110034	11/11/2021 0148
211108A-LCSD	Lab Control SpikeD	1110035	11/11/2021 0216
BA45105	ERH1884	1110038	11/11/2021 0340

Comments: Batch: #DOC53-211108A

EPA 8015B-eH

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	98097
Case No:	98097	Date Analyzed:	11/10/2021
Matrix:	WATER	Instrument:	Apollo
LCS ID:	211108A1-LCS	Time Analyzed:	2012

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211108A1-BLK	Blank	1110021	11/10/2021 1944
211108A1-LCS	Lab Control Spike	1110022	11/10/2021 2012
211108A1-LCSD	Lab Control SpikeD	1110023	11/10/2021 2040
BA45105	ERH1884	1110026	11/10/2021 2204

Comments: Batch: #DOC53-211108A1

EPA 8015B-eH

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	98097
Case No:	98097	Date Analyzed:	11/9/2021
Matrix:	WATER	Instrument:	Apollo
LCS ID:	211105A-LCS	Time Analyzed:	1222

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211105A-BLK	Blank	1108057	11/9/2021 1154
211105A-LCS	Lab Control Spike	1108058	11/9/2021 1222
211105A-LCSD	Lab Control SpikeD	1108059	11/9/2021 1250
BA45106	ERH1884 BLANK	1108062	11/9/2021 1415

Comments: Batch: #RHBLK-211105A

Laboratory Control Spike Recoveries
EPA 8015B TPH LIQ-LIQ

APPL ID: **211108W-45100 LCS - 270426**
Batch ID: #DOC53-211108A

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	1290	1770	64.5	88.5	36-132	31.4 #	30
OIL (C24-C40)	2000	1380	1940	69.0	97.0	41-113	33.7 #	30
SURROGATE: OCTACOSANE (S)	150	102	141	68.0	94.0	60-142		
SURROGATE: ORTHO-TERPHENYL (S)	150	93.8	127	62.5	84.7	56-125		

= Recovery is outside QC limits.

Comments:

Primary	SPK	DUP
Quant Method :	DOC1028.M	DOC1028.M
Extraction Date :	11/8/2021	11/8/2021
Analysis Date :	11/11/2021	11/11/2021
Instrument :	Apollo	Apollo
Run :	1110034	1110035
Initials :	KAB	

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

APPL ID: **211108W-45100 LCS - 270428**
Batch ID: #DOC53-211108A1

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	1140	2100	57.0	105	36-132	59.3 #	30
OIL (C24-C40)	2000	1460	2350	73.0	118 #	41-113	46.7 #	30
SURROGATE: (R) DECANOIC ACID (S)	10.00	0	0	0.0	0.0	0-1		
SURROGATE: OCTACOSANE (S)	150	109	176	72.7	117	60-142		
SURROGATE: ORTHO-TERPHENYL (S)	150	98.9	155	65.9	103	56-125		

= Recovery is outside QC limits.

Comments:

Primary	SPK	DUP
Quant Method :	DEC0911.M	DEC0911.M
Extraction Date :	11/8/2021	11/8/2021
Analysis Date :	11/10/2021	11/10/2021
Instrument :	Apollo	Apollo
Run :	1110022	1110023
Initials :	KAB	

Laboratory Control Spike Recoveries
EPA 8015B TPH LIQ-LIQ

APPL ID: **211105W-45102 LCS - 270425**
Batch ID: #RHBLK-211105A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
DIESEL (C10-C24)	0	47.3	60.4	NA	NA	36-132		30
OIL (C24-C40)	0	42.2	84.5	NA	NA	41-113		30
SURROGATE: OCTACOSANE (S)	150	127	118	84.7	78.7	60-142		
SURROGATE: ORTHO-TERPHENYL (S)	150	102	94.5	68.0	63.0	56-125		

Comments:

Primary	SPK	DUP
Quant Method :	DOC1028.M	DOC1028.M
Extraction Date :	11/5/2021	11/5/2021
Analysis Date :	11/9/2021	11/9/2021
Instrument :	Apollo	Apollo
Run :	1108058	1108059
Initials :	KAB	

Printed: 11/13/2021 4:09:36 PM
APPL Standard LCSD

8270D-SIM

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 98097

Case No: 98097 Date Analyzed: 11/10/2021

Matrix: WATER Instrument: KYLO

APPL ID.	Client Sample No.	SURROGATE: 2-METHYLNAPHTHALENE-D10 (S)			SURROGATE: FLUORANTHENE-D10 (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211109AK-BLK	Blank	39-114	84.0		58-120	93.5	
211109AK-LCS	Lab Control Spike	39-114	83.4		58-120	88.6	
211109AK-LCSD	Lab Control SpikeD	39-114	85.8		58-120	90.6	
BA45105	ERH1884	39-114	79.4		58-120	88.2	

Comments: Batch: #SIM53-211109AK

8270D-SIM

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	98097
Case No:	98097	Date Analyzed:	11/10/2021
Matrix:	WATER	Instrument:	KYLO
Blank ID:	211109AK-BLK	Time Analyzed:	1622

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211109AK-BLK	Blank	1019K401	11/10/2021 1622
211109AK-LCS	Lab Control Spike	1019K402	11/10/2021 1642
211109AK-LCSD	Lab Control SpikeD	1019K403	11/10/2021 1702
BA45105	ERH1884	1019K406	11/10/2021 1801

Comments: Batch: #SIM53-211109AK

Method Blank
EPA 8270D SIM LIQ-LIQ

Blank Name/QCG: **211109W-45100 - 271042**
Batch ID: #SIM53-211109AK

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	11/9/2021	11/10/2021
BLANK	2-METHYLNAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	11/9/2021	11/10/2021
BLANK	NAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	11/9/2021	11/10/2021
BLANK	SURROGATE: 2-METHYLNAPHT	84.0	39-114			%	11/9/2021	11/10/2021
BLANK	SURROGATE: FLUORANTHENE-	93.5	58-120			%	11/9/2021	11/10/2021

Quant Method:K1019.M
Run #:1019K401
Instrument:KYLO
Sequence:211019
Initials:LSI

GC SC-Blank-REG MDLs-DOD
Printed: 11/30/2021 12:00:51 PM

8270D-SIM

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	98097
Case No:	98097	Date Analyzed:	11/10/2021
Matrix:	WATER	Instrument:	KYLO
LCS ID:	211109AK-LCS	Time Analyzed:	1642

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211109AK-BLK	Blank	1019K401	11/10/2021 1622
211109AK-LCS	Lab Control Spike	1019K402	11/10/2021 1642
211109AK-LCSD	Lab Control SpikeD	1019K403	11/10/2021 1702
BA45105	ERH1884	1019K406	11/10/2021 1801

Comments: Batch: #SIM53-211109AK

Laboratory Control Spike Recoveries
EPA 8270D SIM LIQ-LIQ

APPL ID: **211109W-45100 LCS - 271042**
Batch ID: #SIM53-211109AK

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	3.95	4.02	79.0	80.4	41-115	1.8	20
2-METHYLNAPHTHALENE	5.00	4.02	4.05	80.4	81.0	39-114	0.74	20
NAPHTHALENE	5.00	3.93	3.98	78.6	79.6	43-114	1.3	20
SURROGATE: 2-METHYLNAPHTHALEN	5.00	4.17	4.29	83.4	85.8	39-114		
SURROGATE: FLUORANTHENE-D10 (S)	5.00	4.43	4.53	88.6	90.6	58-120		

Comments:

Primary	SPK	DUP
Quant Method :	K1019.M	K1019.M
Extraction Date :	11/9/2021	11/9/2021
Analysis Date :	11/10/2021	11/10/2021
Instrument :	KYLO	KYLO
Run :	1019K402	1019K403
Initials :	LSI	

Form 5
Tune Summary

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

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

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

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

Form 5
Tune Summary

Lab Name: APPL Inc. SDG No: 98097
Case No: 98097 Date Analyzed: 11/10/2021
Matrix: Water Instrument: KYLO
ID: 1019K393.D Time Analyzed: 12:42

	Client Sample No.	APPL ID.	File ID.	Date Analyzed
1		5 ug/ml 10/19/21 (1)	1019K394.D	11/10/2021 12:54
2	Blank	211109A BLK 1/1000	1019K401.D	11/10/2021 16:22
3	Lab Control Spike	211109A LCS-1 1/1000	1019K402.D	11/10/2021 16:42
4	Lab Control SpikeD	211109A LCSD-1 1/100	1019K403.D	11/10/2021 17:02
5	ERH1884	BA45105W08 1/950	1019K406.D	11/10/2021 18:01
6		5 ug/ml 10/13/21 (2)	1019K431.D	11/11/2021 2:19
7				
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	30.9
68	0 - 2.05% of mass 69	0.9
70	0 - 2% of mass 69	0.3
127	10 - 80% of mass 198	51.1
197	0 - 2% of mass 198	0.4
198	100 - 100% of mass 198	100.0
199	5 - 9% of mass 198	6.8
275	10 - 60% of mass 198	23.2
365	1 - 100% of mass 198	2.5
441	0.01 - 24% of mass 442	13.8
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): 1019K394.D Date Analyzed: 11/10/21

Instrument ID: KYLO Time Analyzed: 12:54

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	14759	3.89	6889	5.82	10656	7.52
	UPPER LIMIT	29518	4.06	13778	5.99	21312	7.69
	LOWER LIMIT	7380	3.72	3445	5.65	5328	7.35
	SAMPLE NO.						
01	211109A BLK 1/1000	14000	3.89	6855	5.82	10828	7.52
02	211109A LCS-1 1/1000	13784	3.89	6714	5.82	10491	7.52
03	211109A LCSD-1 1/100	14760	3.89	7229	5.82	11341	7.52
04	BA45105W08 1/950	13977	3.89	6977	5.82	10772	7.52
05	5 ug/ml 10/13/21 (2)	13340	3.89	6593	5.82	10257	7.52
06							
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): 1019K394.D Date Analyzed: 11/10/21

Instrument ID: KYLO Time Analyzed: 12:54

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

		Chrysene-D12(IS)		Perylene-D12(IS)			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	12960	10.59	11828	12.77		
	UPPER LIMIT	25920	10.76	23656	12.94		
	LOWER LIMIT	6480	10.42	5914	12.60		
	SAMPLE NO.						
01	211109A BLK 1/1000	12880	10.58	11916	12.77		
02	211109A LCS-1 1/1000	12823	10.57	11726	12.76		
03	211109A LCSD-1 1/100(	13795	10.57	12598	12.76		
04	BA45105W08 1/950	12755	10.58	11407	12.77		
05	5 ug/ml 10/13/21 (2)	12604	10.58	10995	12.77		
06							
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: 98097

Case No: 98097 Date Analyzed: 11/9/2021

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
211109AM-LCS	Lab Control Spike	81-118	95.6		85-114	101	
211109AM-LCSD	Lab Control SpikeD	81-118	101		85-114	98.8	
211109AM-BLK	Blank	81-118	105		85-114	98.6	
BA45104	ERH1883	81-118	102		85-114	95.9	
BA45105	ERH1884	81-118	107		85-114	99.3	

Comments: Batch: #86BTO-211109AM

EPA 8260B

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 98097

Case No: 98097 Date Analyzed: 11/9/2021

Matrix: WATER Instrument: Max

APPL ID.	Client Sample No.	SURROGATE: DIBROMOFLUOROMETHANE (S)			SURROGATE: TOLUENE-D8 (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
211109AM-LCS	Lab Control Spike	80-119	102		89-112	103	
211109AM-LCSD	Lab Control SpikeD	80-119	104		89-112	103	
211109AM-BLK	Blank	80-119	104		89-112	104	
BA45104	ERH1883	80-119	105		89-112	104	
BA45105	ERH1884	80-119	107		89-112	101	

Comments: Batch: #86BTO-211109AM

EPA 8260B

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	98097
Case No:	98097	Date Analyzed:	11/9/2021
Matrix:	WATER	Instrument:	Max
Blank ID:	211109AM-BLK	Time Analyzed:	1122

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211109AM-LCS	Lab Control Spike	1109M03	11/9/2021 0900
211109AM-LCSD	Lab Control SpikeD	1109M04	11/9/2021 0928
211109AM-BLK	Blank	1109M08	11/9/2021 1122
BA45104	ERH1883	1109M12	11/9/2021 1315
BA45105	ERH1884	1109M13	11/9/2021 1344

Comments: Batch: #86BTO-211109AM

Method Blank
EPA 8260B BTEX WATER

Blank Name/QCG: **211109W-45099 - 270235**
Batch ID: #86BTO-211109AM

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	11/9/2021	11/9/2021
BLANK	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	11/9/2021	11/9/2021
BLANK	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	11/9/2021	11/9/2021
BLANK	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	11/9/2021	11/9/2021
BLANK	SURROGATE: 1,2-DICHLOROET	105	81-118			%	11/9/2021	11/9/2021
BLANK	SURROGATE: 4-BROMOFLUORO	98.6	85-114			%	11/9/2021	11/9/2021
BLANK	SURROGATE: DIBROMOFLUOR	104	80-119			%	11/9/2021	11/9/2021
BLANK	SURROGATE: TOLUENE-D8 (S)	104	89-112			%	11/9/2021	11/9/2021

Quant Method: M1015W.M
Run #: 1109M08
Instrument: Max
Sequence: 211108
Initials: PAN

GC SC-Blank-REG MDLs-DOD
Printed: 11/10/2021 1:40:00 PM

EPA 8260B

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	98097
Case No:	98097	Date Analyzed:	11/9/2021
Matrix:	WATER	Instrument:	Max
LCS ID:	211109AM-LCS	Time Analyzed:	0900

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211109AM-LCS	Lab Control Spike	1109M03	11/9/2021 0900
211109AM-LCSD	Lab Control SpikeD	1109M04	11/9/2021 0928
211109AM-BLK	Blank	1109M08	11/9/2021 1122
BA45104	ERH1883	1109M12	11/9/2021 1315
BA45105	ERH1884	1109M13	11/9/2021 1344

Comments: Batch: #86BTO-211109AM

Laboratory Control Spike Recoveries
EPA 8260B BTEX WATER

APPL ID: **211109W-45099 LCS - 270235**
Batch ID: #86BTO-211109AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
BENZENE	10.00	9.92	8.69	99.2	86.9	79-120	13.2	20
ETHYLBENZENE	10.00	10.4	9.50	104	95.0	79-121	9.0	20
TOLUENE	10.00	10.4	9.52	104	95.2	80-121	8.8	20
XYLENES (TOTAL)	30.0	30.2	27.8	101	92.7	79-121	8.3	20
SURROGATE: 1,2-DICHLOROETHANE-D	25.0	23.9	25.2	95.6	101	81-118		
SURROGATE: 4-BROMOFLUOROBENZE	25.0	25.2	24.7	101	98.8	85-114		
SURROGATE: DIBROMOFLUOROMETH	25.0	25.4	26.1	102	104	80-119		
SURROGATE: TOLUENE-D8 (S)	25.0	25.8	25.8	103	103	89-112		

Comments:

Primary	SPK	DUP
Quant Method :	M1015W.M	M1015W.M
Extraction Date :	11/9/2021	11/9/2021
Analysis Date :	11/9/2021	11/9/2021
Instrument :	Max	Max
Run :	1109M03	1109M04
Initials :	PAN	

Form 5
Tune Summary

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

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

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

m/e		
50	15.0 - 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: 98097
Case No: 98097 Date Analyzed: 11/9/2021
Matrix: Water Instrument: Max
ID: 1109M01.D Time Analyzed: 8:03

	Client Sample No.	APPL ID.	File ID.	Date Analyzed
1		211109A CCV 10ug/L	1109M02.D	11/9/2021 8:32
2	Lab Control Spike	211109A LCS 10ug/L	1109M03.D	11/9/2021 9:00
3	Lab Control SpikeD	211109A LCSD 10ug/L	1109M04.D	11/9/2021 9:28
4	Blank	211109A BLK	1109M08.D	11/9/2021 11:22
5	ERH1883	BA45104W01	1109M12.D	11/9/2021 13:15
6	ERH1884	BA45105W01	1109M13.D	11/9/2021 13:44
7		Ending CCV 10ug/L 11	1109M52.D	11/10/2021 7:35
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				

m/e		
50	15.0 - 40.0% of mass 95	21.0
75	30.0 - 60.0% of mas 95	59.2
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.8
173	Less than 2.0% of mass 174	0.0
174	50.0 - 200.0% of mass 95	137.6
175	5.0 - 9.0% of mass 174	7.5
176	95.0 - 101.0% of mass 174	98.0
177	5.0 - 9.0% of mass 176	6.8

8A
INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: APPL Inc. Contract:

Lab Code: SDG No.:

Lab File ID (Standard): 1109M02.D Date Analyzed: 9 Nov 21 8:32

Instrument ID: Max Time Analyzed: 9 Nov 21 8:32

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	405840	6.38	378086	9.53	238208	11.85
	UPPER LIMIT	811680	6.55	756172	9.70	476416	12.02
	LOWER LIMIT	202920	6.21	189043	9.36	119104	11.68
	SAMPLE NO.						
01	211109A CCV 10ug/L	405840	6.38	378086	9.53	238208	11.85
02	211109A LCS 10ug/L	411507	6.38	369189	9.53	234982	11.85
03	211109A LCSD 10ug/L	401220	6.38	350067	9.53	232601	11.85
04	211109A BLK	396510	6.38	344545	9.53	212548	11.85
05	BA45104W01	390754	6.38	348516	9.53	211154	11.85
06	BA45105W01	375672	6.37	332503	9.53	205191	11.85
07	Ending CCV 10ug/L 11/9	424187	6.37	395840	9.53	254952	11.85
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: 98097

Case No: 98097 Date Analyzed: 11/9/2021

Matrix: WATER Instrument: Max

APPL ID.	Client Sample No.	SURROGATE: 4-BROMOFLUOROBENZENE (S)					
		Limits	Result	Qualifier	Limits	Result	Qualifier
211109AM-LCS	Lab Control Spike	85-114	99.2				
211109AM-LCSD	Lab Control SpikeD	85-114	99.2				
211109AM-BLK	Blank	85-114	100				
BA45104	ERH1883	85-114	97.3				
BA45105	ERH1884	85-114	101				

Comments: Batch: #GRO86-211109AM

EPA 8260B

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	98097
Case No:	98097	Date Analyzed:	11/9/2021
Matrix:	WATER	Instrument:	Max
Blank ID:	211109AM-BLK	Time Analyzed:	1122

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211109AM-LCS	Lab Control Spike	1109M06	11/9/2021 1025
211109AM-LCSD	Lab Control SpikeD	1109M07	11/9/2021 1053
211109AM-BLK	Blank	1109M08	11/9/2021 1122
BA45104	ERH1883	1109M12	11/9/2021 1315
BA45105	ERH1884	1109M13	11/9/2021 1344

Comments: Batch: #GRO86-211109AM

Method Blank
EPA 8260B GRO WATER

Blank Name/QCG: **211109W-45099 - 270327**
Batch ID: #GRO86-211109AM

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	11/9/2021	11/9/2021
BLANK	SURROGATE: 4-BROMOFLUORO	100	85-114			%	11/9/2021	11/9/2021

Quant Method: M0825SUR.M
Run #: 1109M08
Instrument: Max
Sequence: 211108
Initials: PAN

GC SC-Blank-REG MDLs-DOD
Printed: 11/11/2021 3:23:23 PM

EPA 8260B

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	98097
Case No:	98097	Date Analyzed:	11/9/2021
Matrix:	WATER	Instrument:	Max
LCS ID:	211109AM-LCS	Time Analyzed:	1025

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211109AM-LCS	Lab Control Spike	1109M06	11/9/2021 1025
211109AM-LCSD	Lab Control SpikeD	1109M07	11/9/2021 1053
211109AM-BLK	Blank	1109M08	11/9/2021 1122
BA45104	ERH1883	1109M12	11/9/2021 1315
BA45105	ERH1884	1109M13	11/9/2021 1344

Comments: Batch: #GRO86-211109AM

Laboratory Control Spike Recoveries
EPA 8260B GRO WATER

APPL ID: **211109W-45099 LCS - 270327**
Batch ID: #GRO86-211109AM

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	279	303	93.0	101	78-122	8.2	20
SURROGATE: 4-BROMOFLUOROBENZE	25.0	24.8	24.8	99.2	99.2	85-114		

Comments:

Primary	SPK	DUP
Quant Method :	M0825SUR.M	M0825SUR.M
Extraction Date :	11/9/2021	11/9/2021
Analysis Date :	11/9/2021	11/9/2021
Instrument :	Max	Max
Run :	1109M06	1109M07
Initials :	PAN	

SW846 9060A

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	98097
Case No:	98097	Date Analyzed:	11/5/2021
Matrix:	WATER	Instrument:	TICTOC
Blank ID:	211105A-BLK	Time Analyzed:	1808

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211105A-BLK	Blank	26	11/5/2021 1808
211105A-LCS	Lab Control Spike	27	11/5/2021 1850
211105A-LCSD	Lab Control SpikeD	28	11/5/2021 1932
BA45105	ERH1884	37	11/6/2021 0149

Comments: Batch: #TOCW5-211105A

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	11/05/21	11/05/21	#TOCW5-211105A-BA43145

Wetlab SC-Blank-REG MDLs
Printed: 11/11/2021 2:37:56 PM

SW846 9060A

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	98097
Case No:	98097	Date Analyzed:	11/5/2021
Matrix:	WATER	Instrument:	TICTOC
LCS ID:	211105A-LCS	Time Analyzed:	1850

APPL ID.	Client Sample No.	File ID.	Date Analyzed
211105A-BLK	Blank	26	11/5/2021 1808
211105A-LCS	Lab Control Spike	27	11/5/2021 1850
211105A-LCSD	Lab Control SpikeD	28	11/5/2021 1932
BA45105	ERH1884	37	11/6/2021 0149

Comments: Batch: #TOCW5-211105A

Laboratory Control Spike Recoveries

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Lvl mg/L	SPK Res mg/L	DUP Res mg/L	SPK % Recov	DUP % Recov	RPD	RPD Max	QC Limits	Extract Date-Spk	Analysis Date-Spk	Extract Date-Dup	Analysis Date-Dup	QC Group
SW846 90	TOTAL ORGANIC CARBO	5.00	4.54	4.59	90.8	91.8	1.1	20	80-120	11/05/21	11/05/21	11/05/21	11/05/21	#TOCW5-211105A-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

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

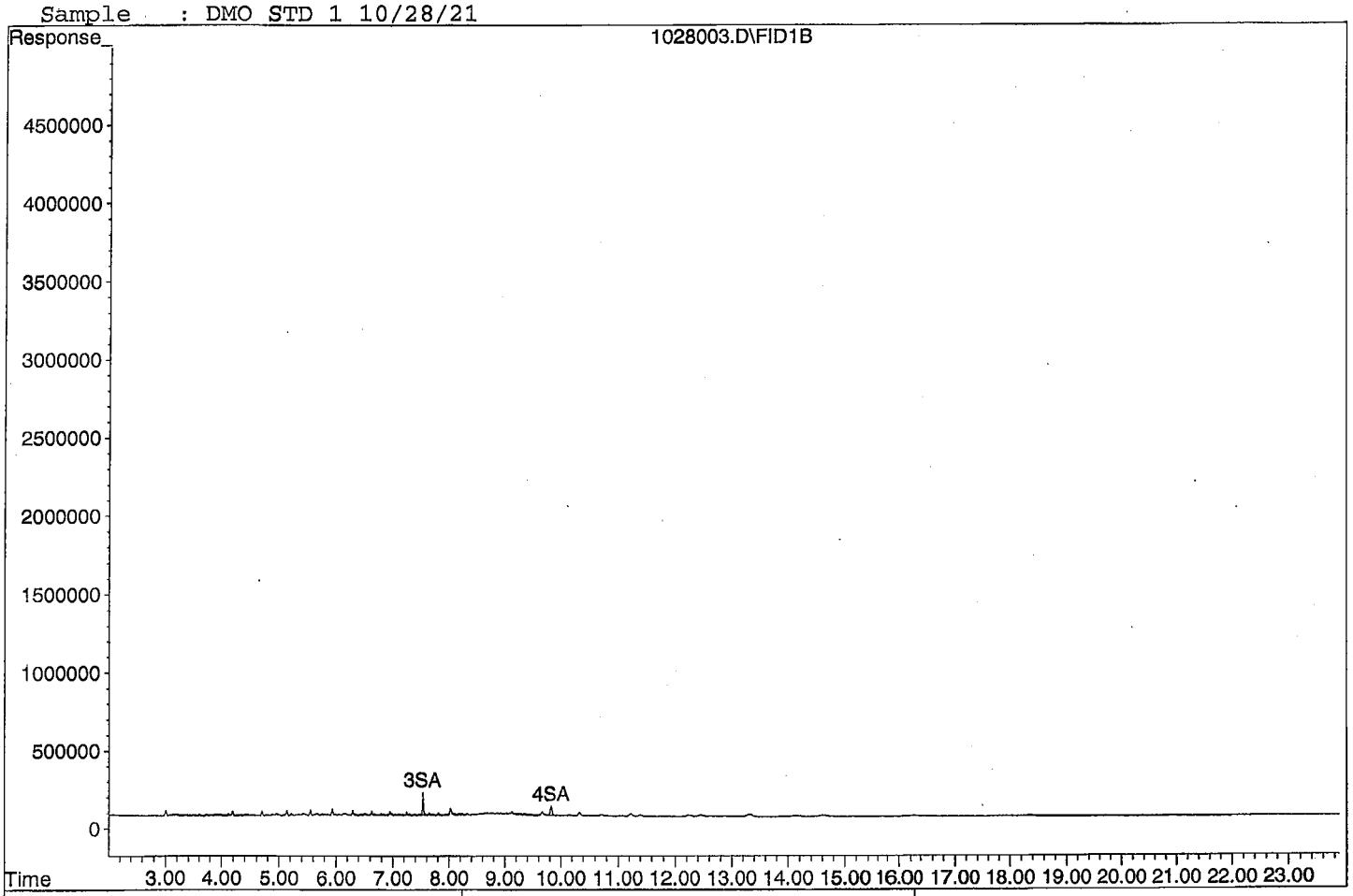
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

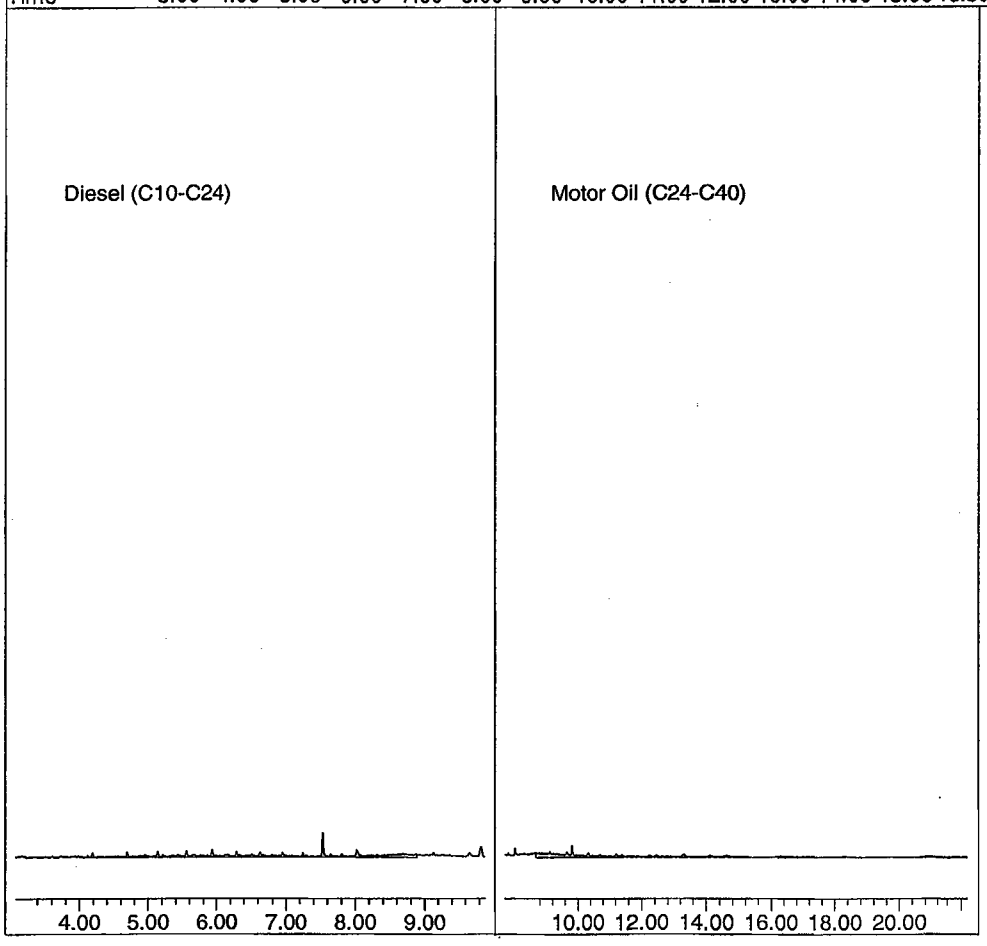
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

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

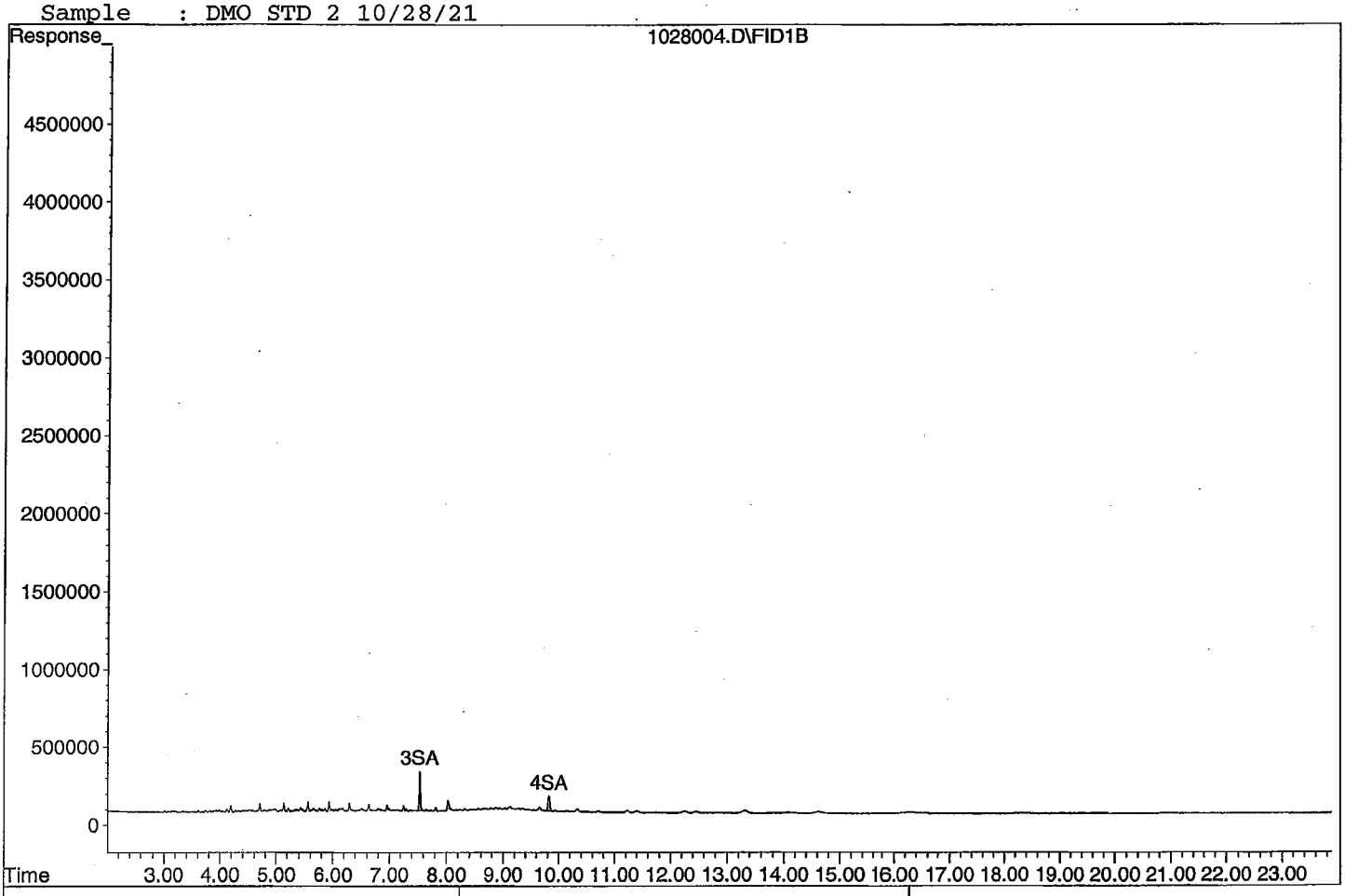
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

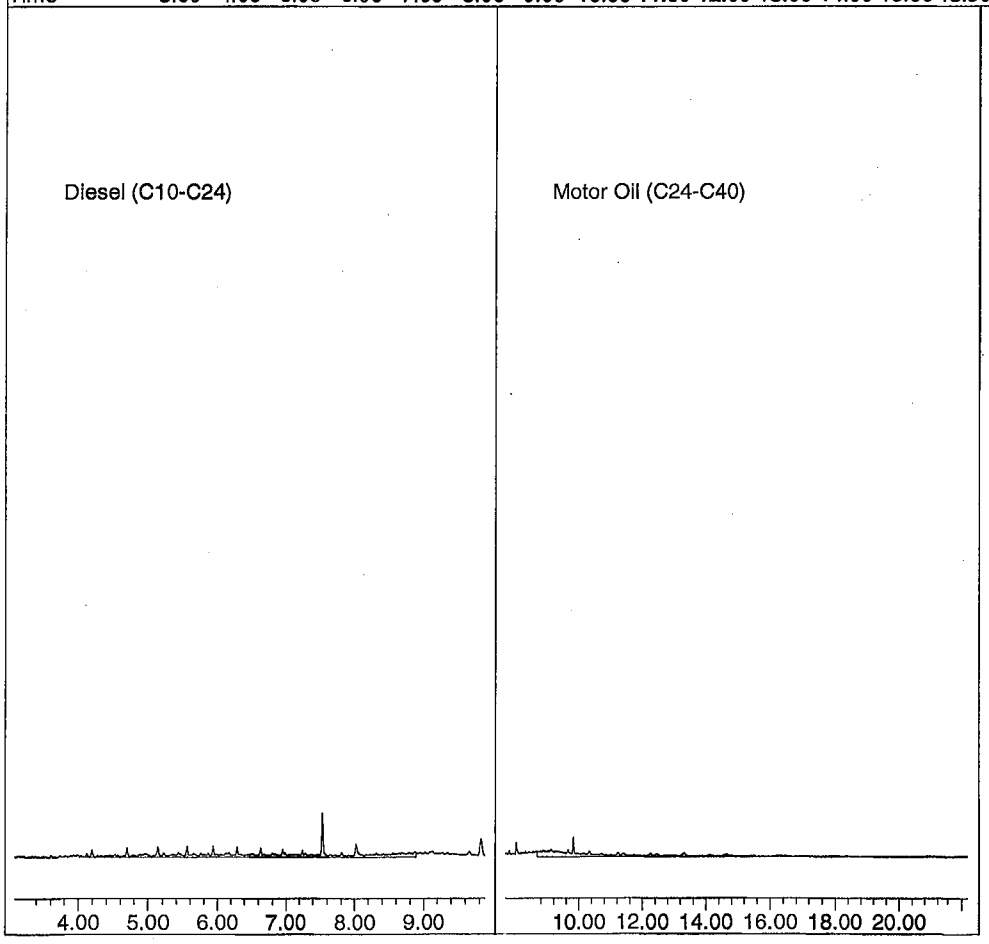
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	3178668	0.508 ppb
Surrogate Spike 30.000	Recovery =		1.69%
4) SA Octacosane(S)	9.82	2170507	0.480 ppb
Surrogate Spike 30.000	Recovery =		1.60%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	48131263	9.562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

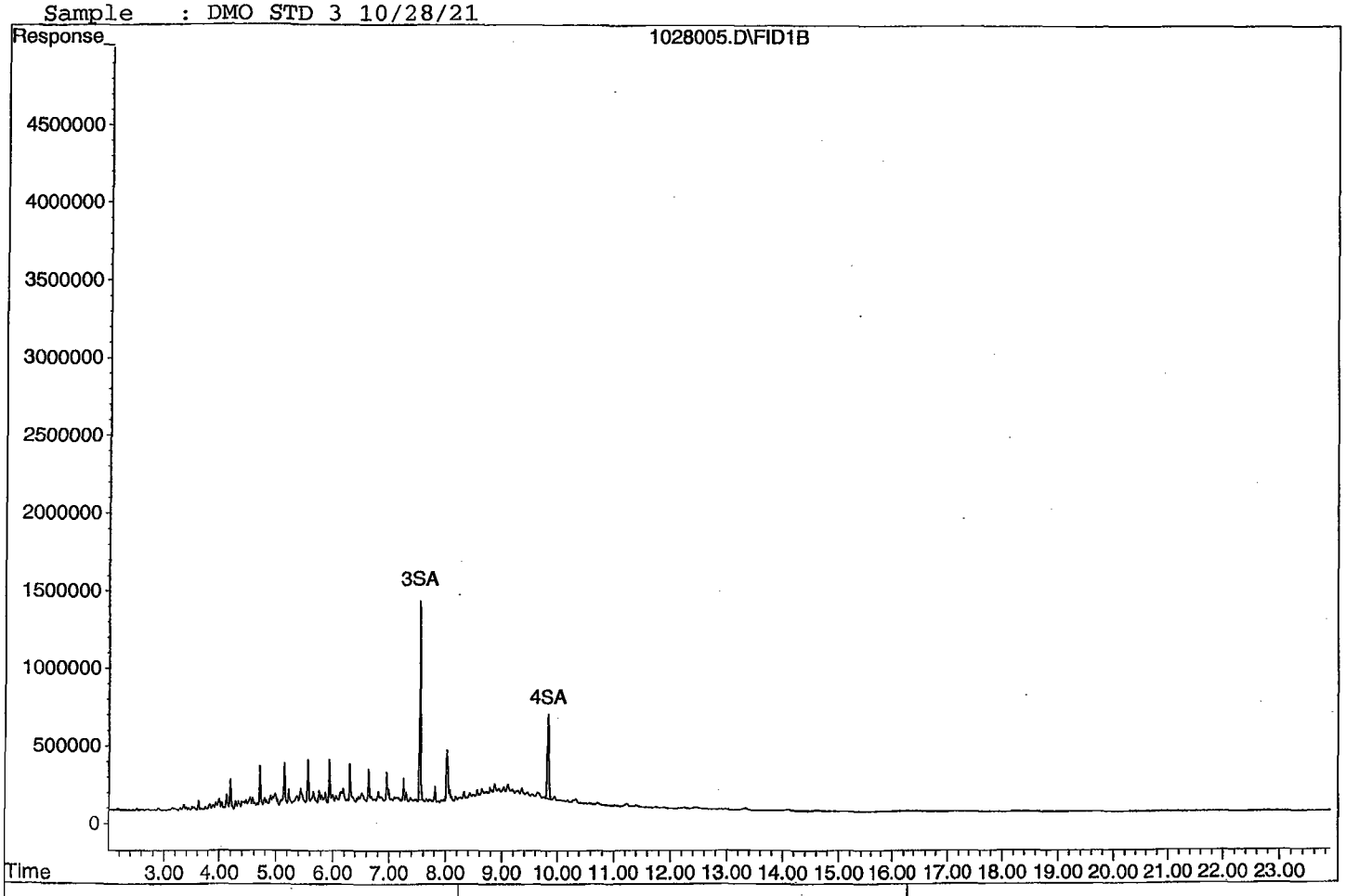
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

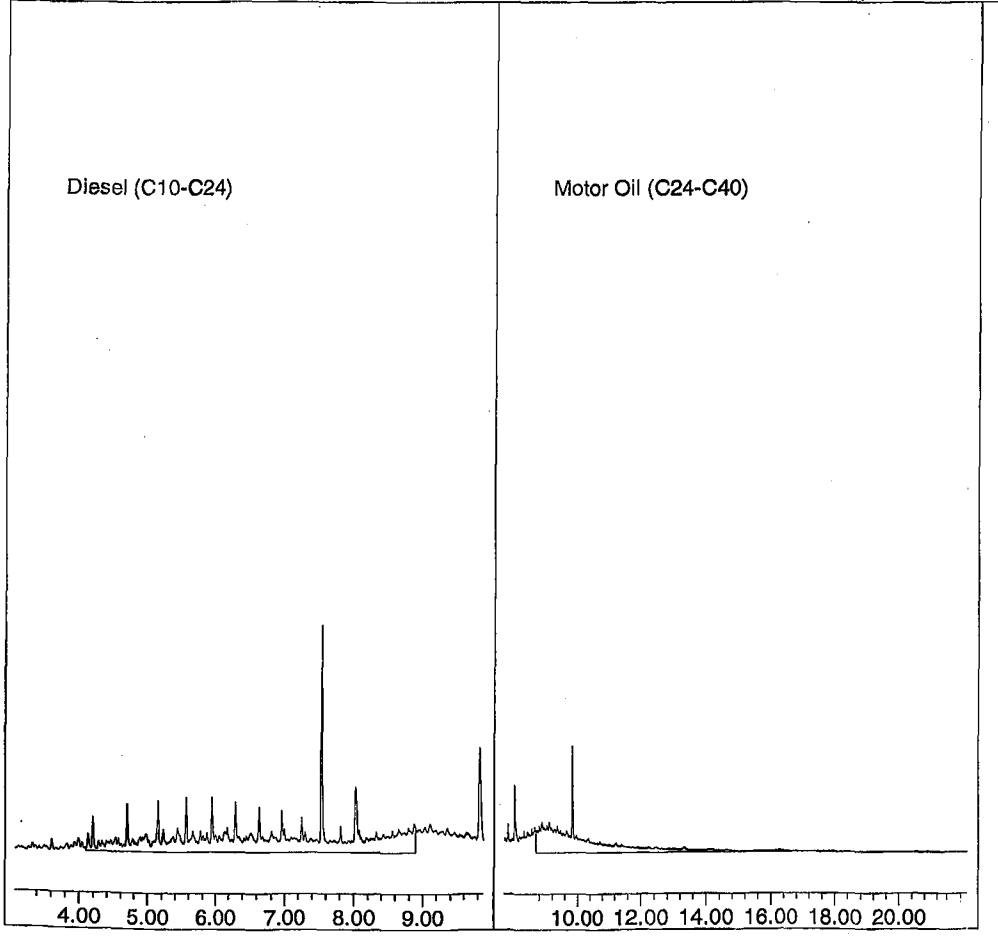
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	15599382	2.494 ppb
Surrogate Spike 30.000	Recovery =		8.31%
4) SA Octacosane(S)	9.82	11432050	2.528 ppb
Surrogate Spike 30.000	Recovery =		8.43%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	251787231	50.024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

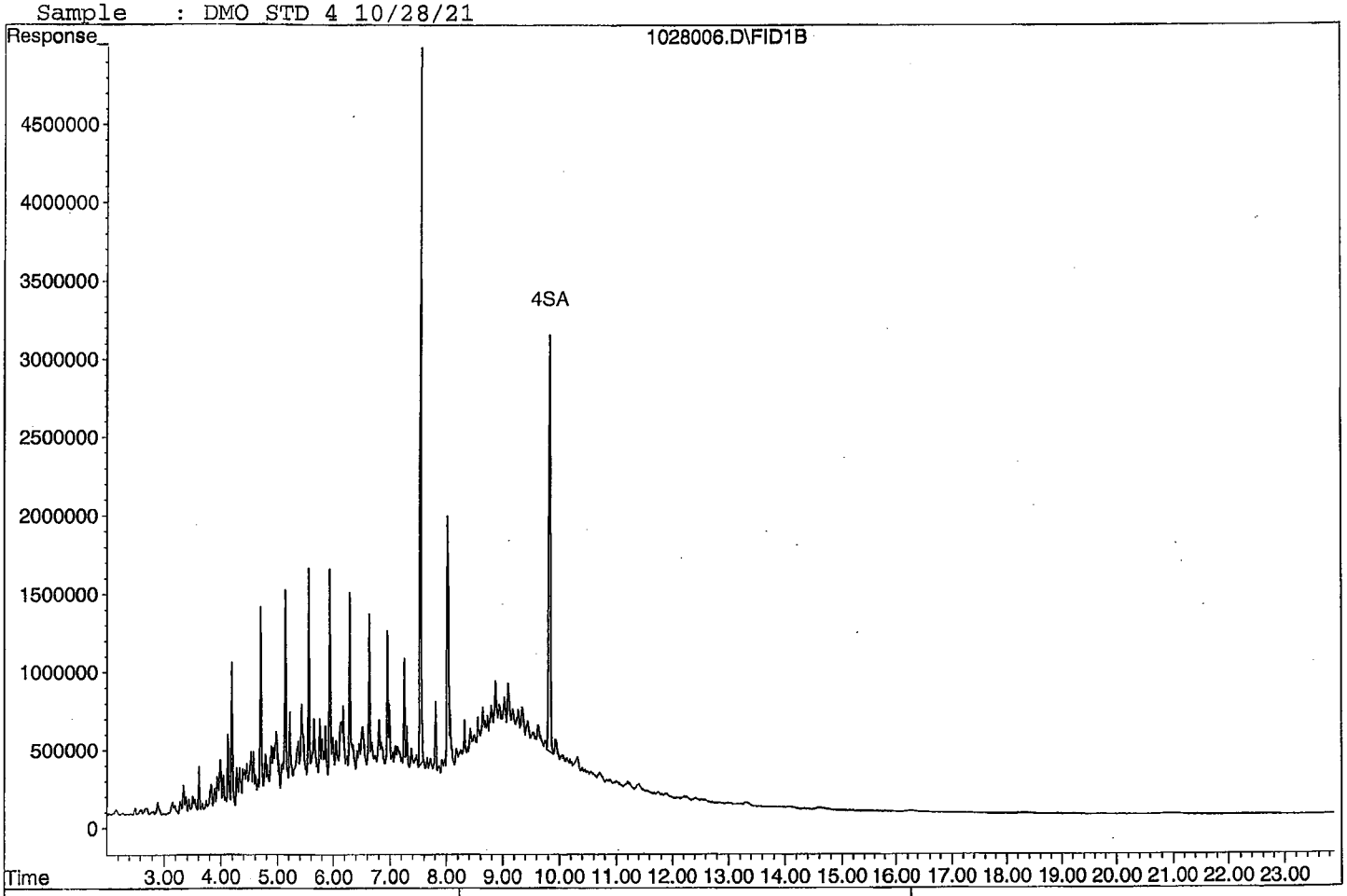
Data File : G:\APOLLO\DATA\211028\1028006.D Vial: 6
Acq On : 10-28-21 10:43:31 Operator: KA
Sample : DMO STD 4 10/28/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 28 15:39 2021 Quant Results File: DOC1028.RES

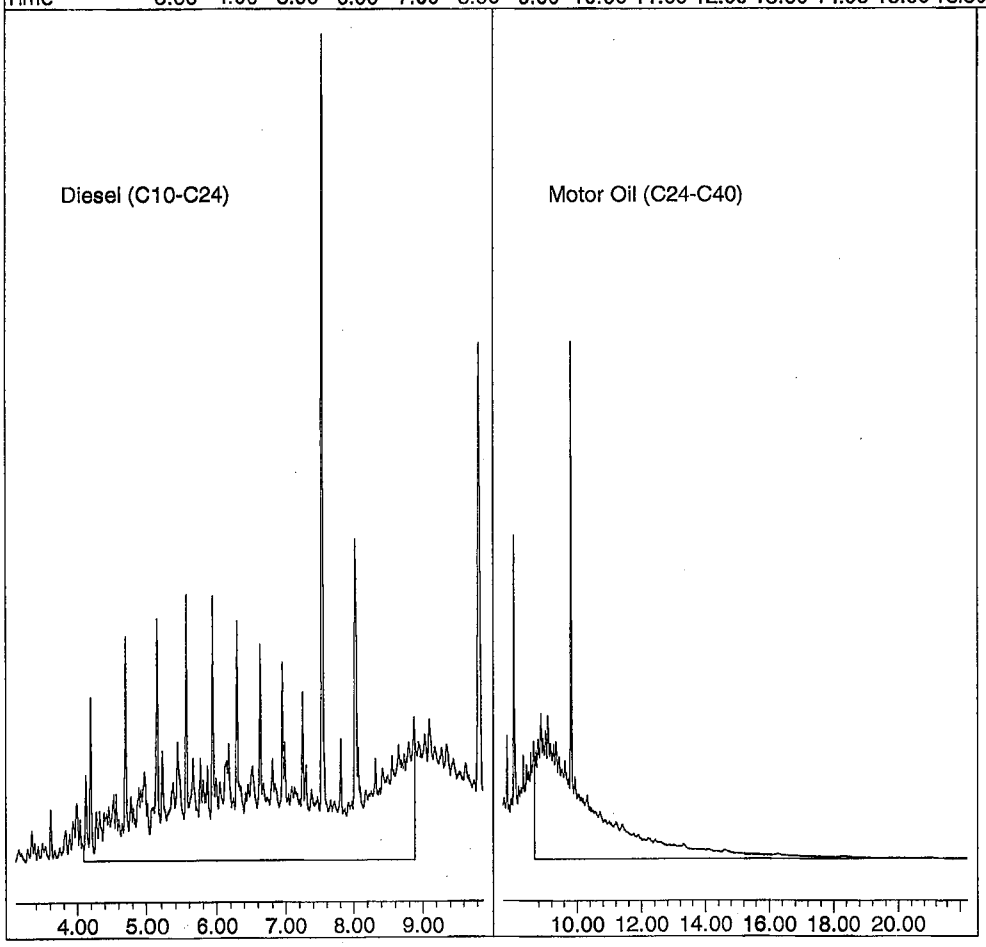
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

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			

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





Quantitation Report (Not Reviewed)

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

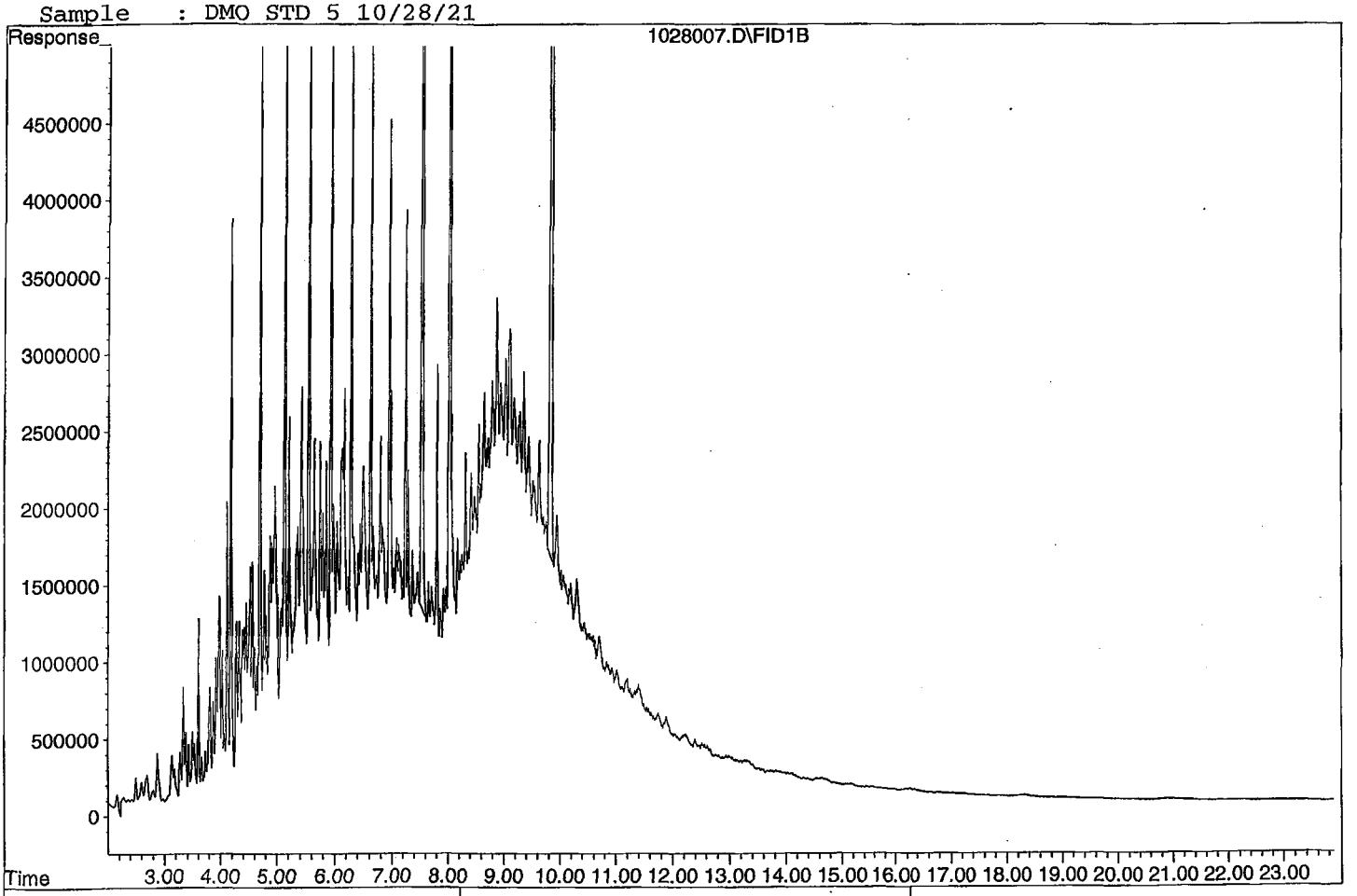
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

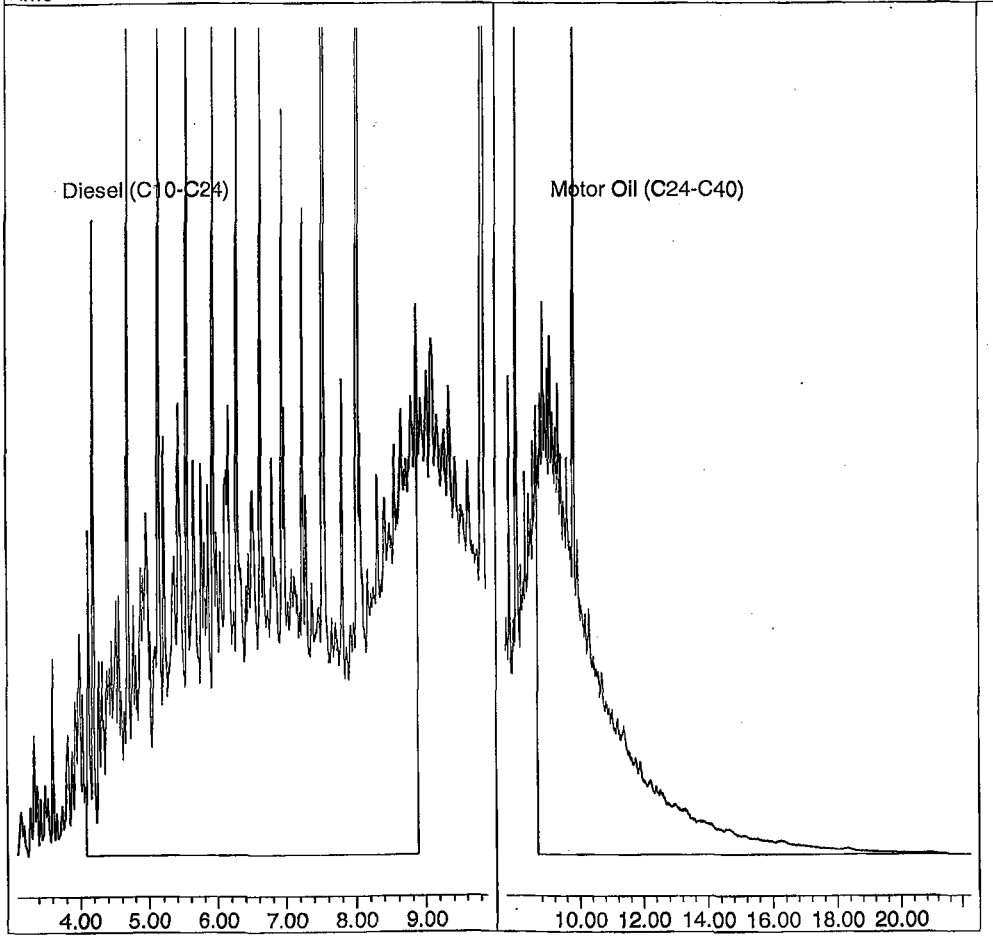
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

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

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





Quantitation Report (Not Reviewed)

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

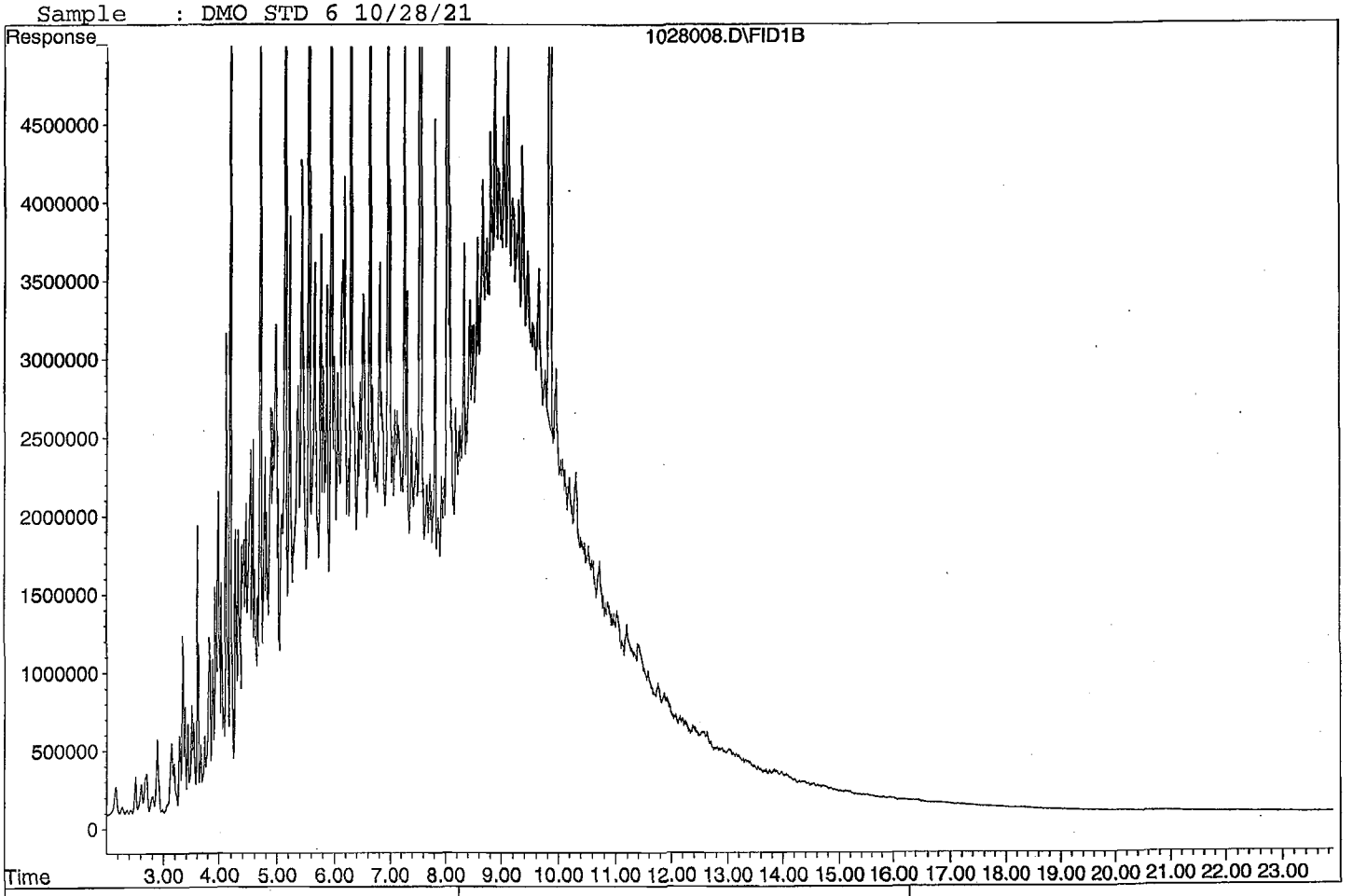
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

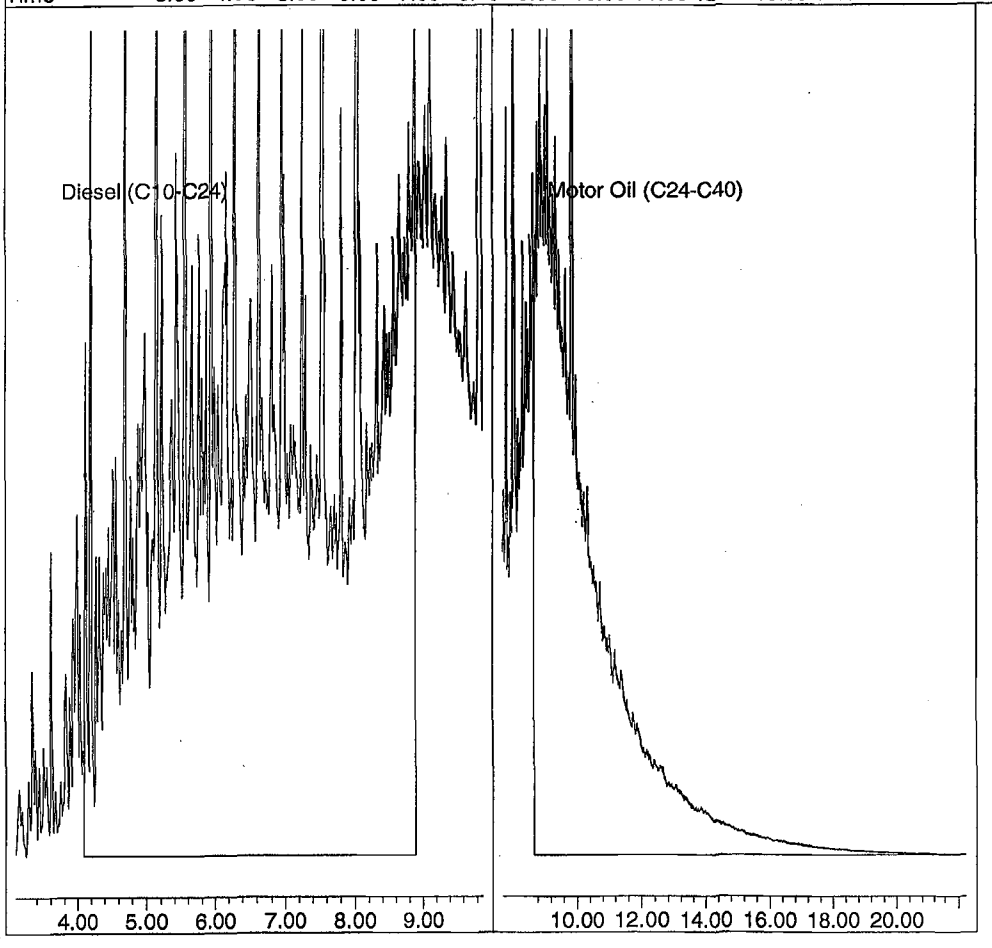
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

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

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





Quantitation Report (Not Reviewed)

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

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

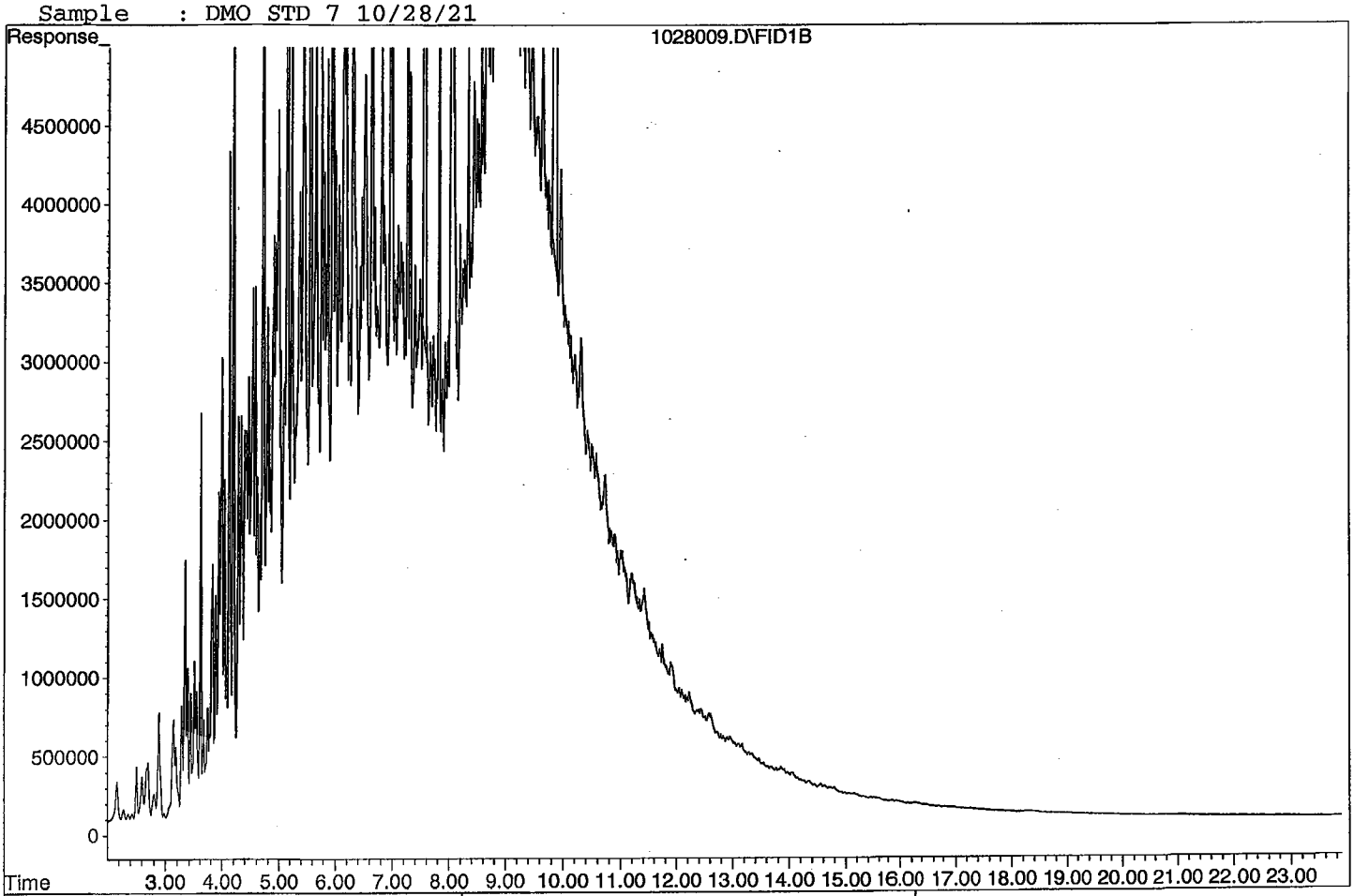
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

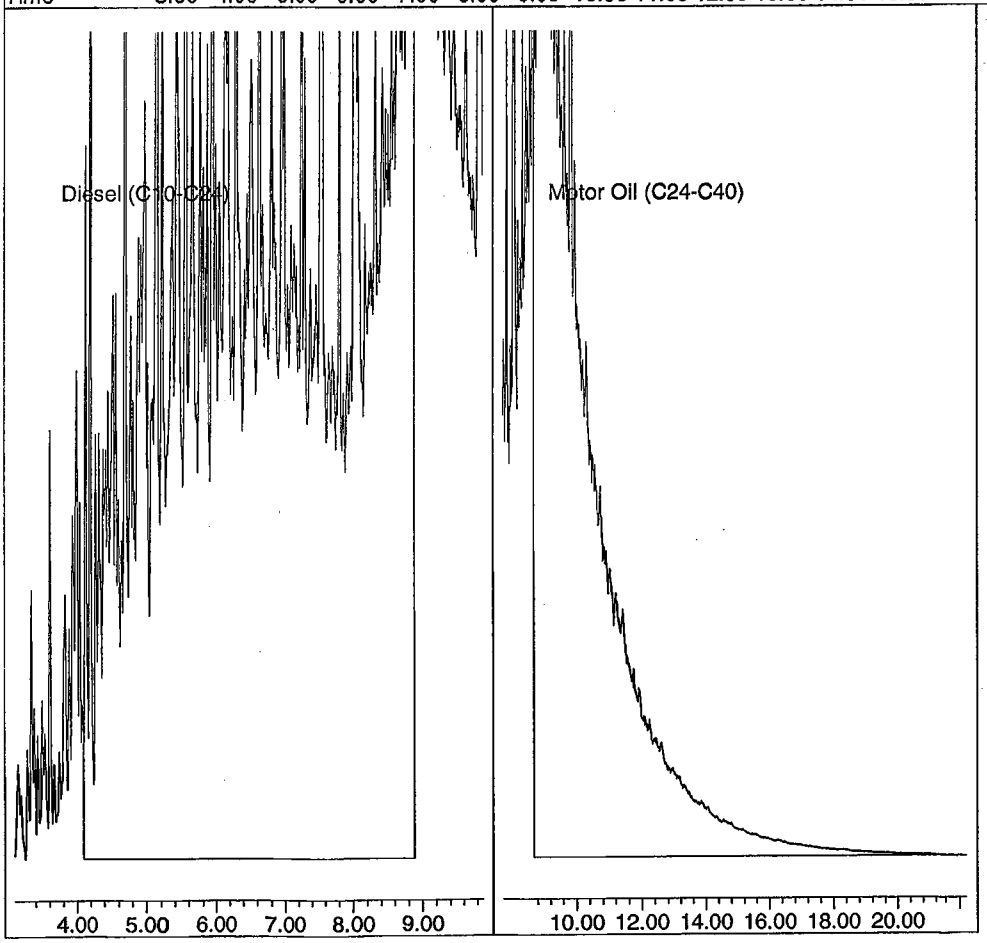
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.54	617758709	98.762 ppb
Surrogate Spike 30.000		Recovery =	329.21%
4) SA Octacosane(S)	9.85	457331573	101.116 ppb
Surrogate Spike 30.000		Recovery =	337.05%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	10255165539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

Target Compounds

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

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





TPH Extractables
DOC1028

Form 7

Second Source Calibration

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

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

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

Quantitation Report (Not Reviewed)

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

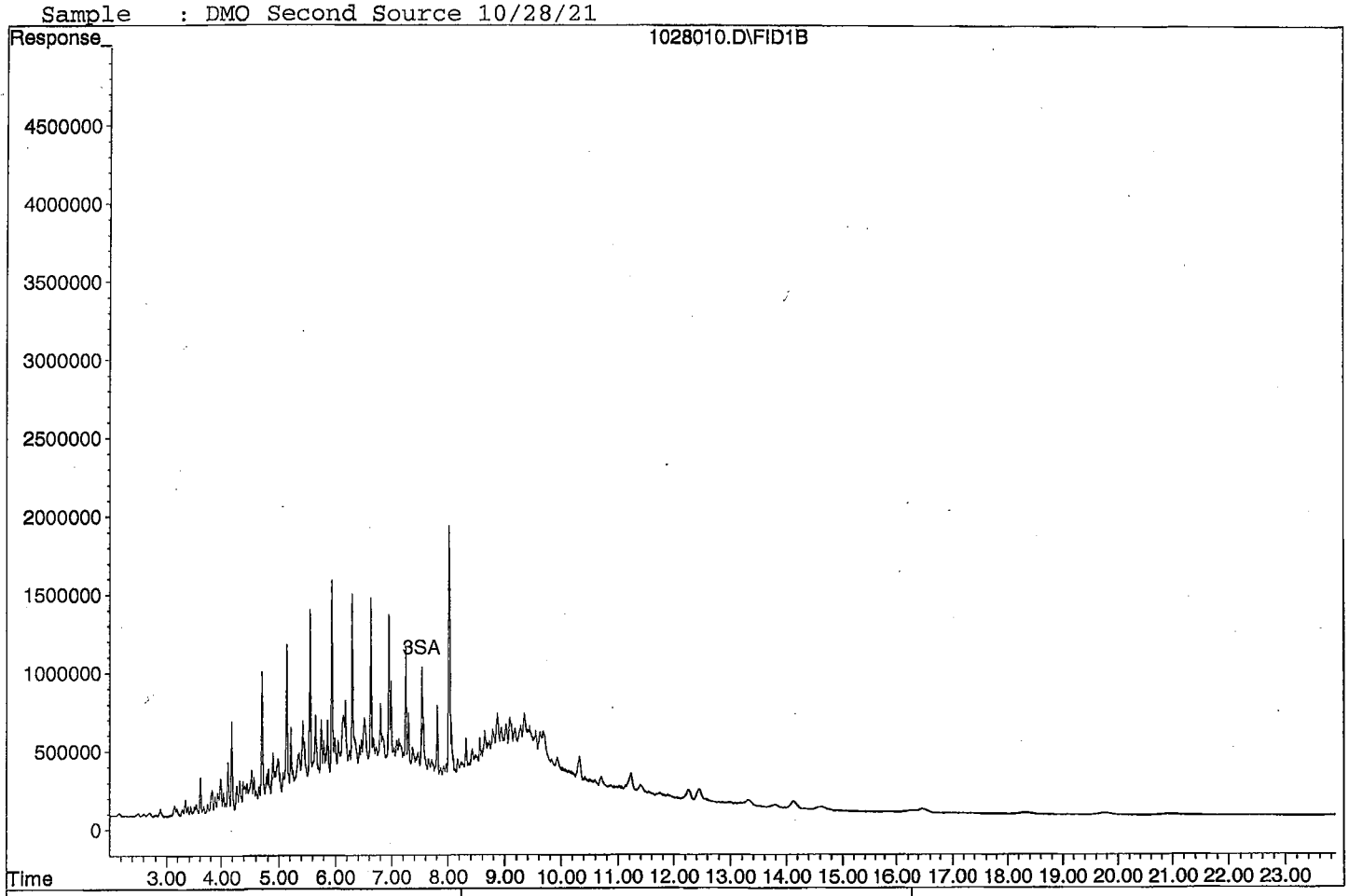
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

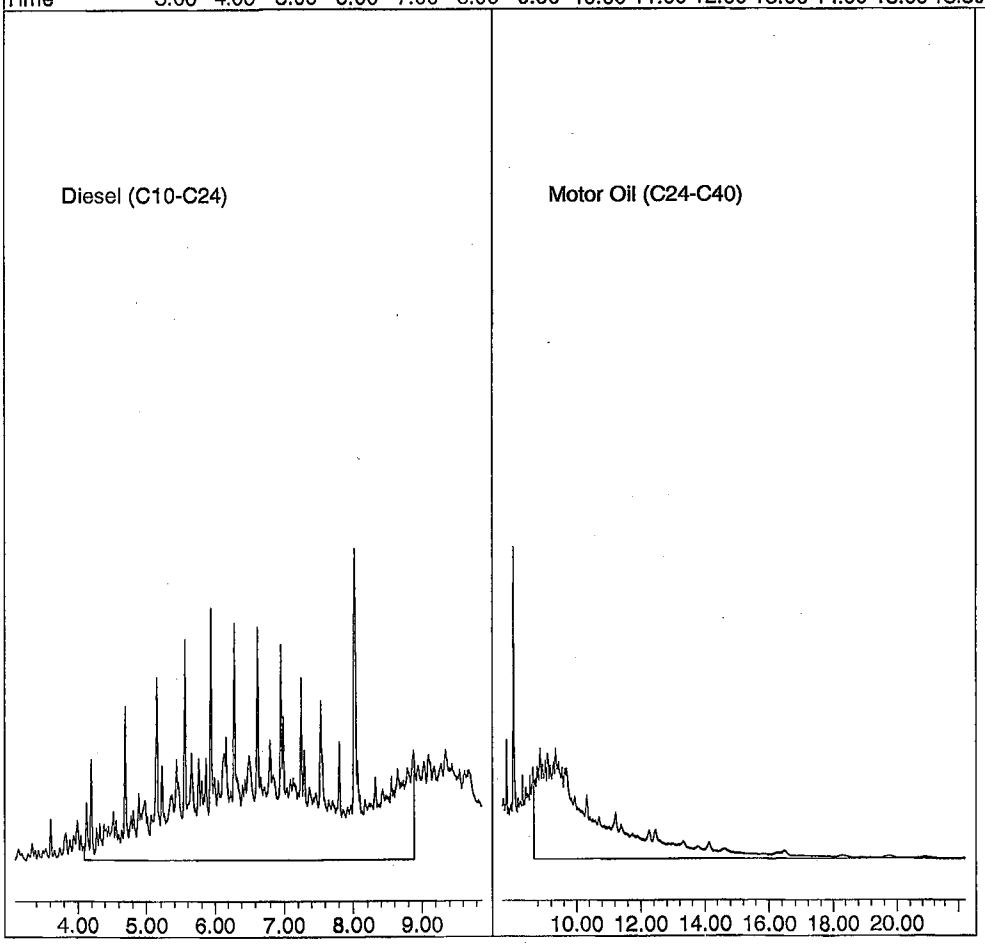
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

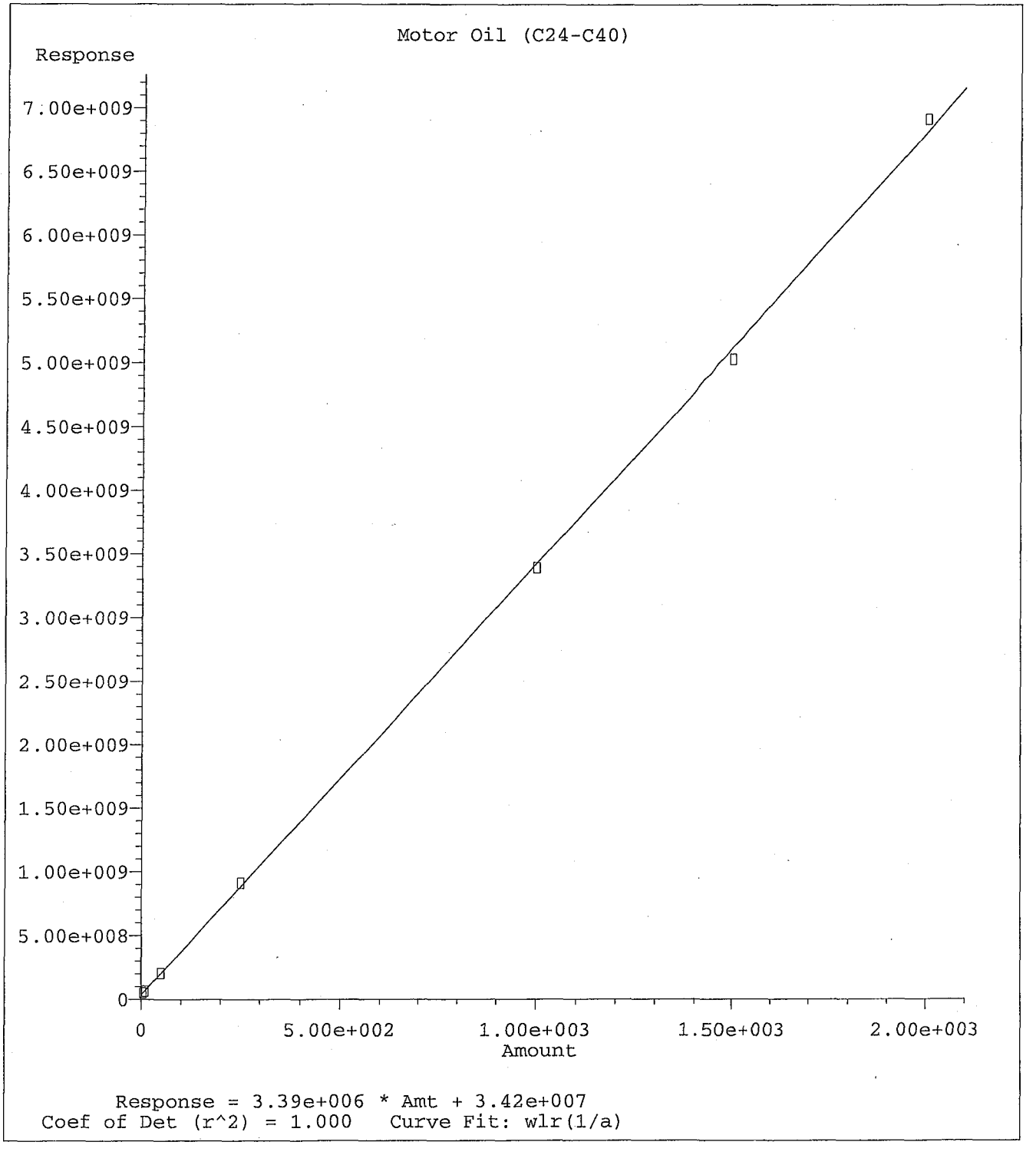
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
3) SA Ortho-Terphenyl(S)	7.53	4250105	0.679	ppb
Surrogate Spike 30.000	Recovery =		2.26%	
4) SA Octacosane(S)	9.83	-3553	N.D.	ppb
Surrogate Spike 30.000	Recovery =		0.00%	
Target Compounds				
1) HATM Diesel (C10-C24)	6.49	1133202337	225.139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

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

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







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

TPH Extractables
DOC1028

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 11/11/2021
Instrument: Apollo
Initial Cal. Date: 10/28/2021
Data File: 1110031.D

		Compound	MEAN	CCRF	%D		%Drift
1	HATM	Diesel (C10-C24)	2516670	2598370	3.2	HATM	
2	HBTM	Motor Oil (C24-C40)	2492040	1901950	24	HBTML	8.1
3	SA	Ortho-Terphenyl(S)	3127510	3109130	0.59	SA	
4	SA	Octacosane(S)	2261430	2312170	2.2	SA	
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		Average			7.5		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211110\1110031.D Vial: 31
Acq On : 11-11-21 0:24:43 Operator: KA
Sample : DMO LVL 4 CCV 10/27/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 11 8:40 2021 Quant Results File: DOC1028.RES

Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 12 17:55:30 2021
Response via : Multiple Level Calibration

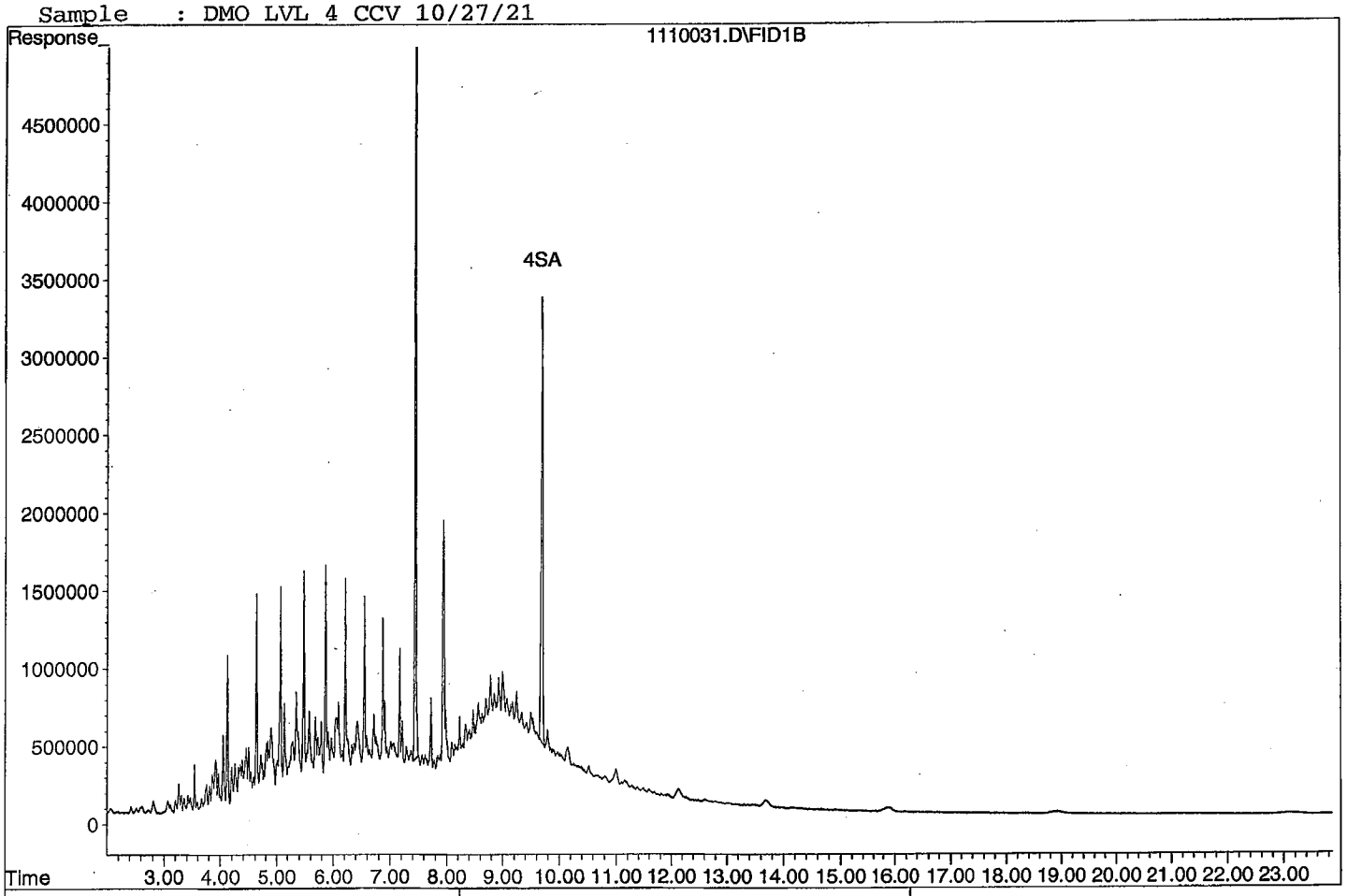
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

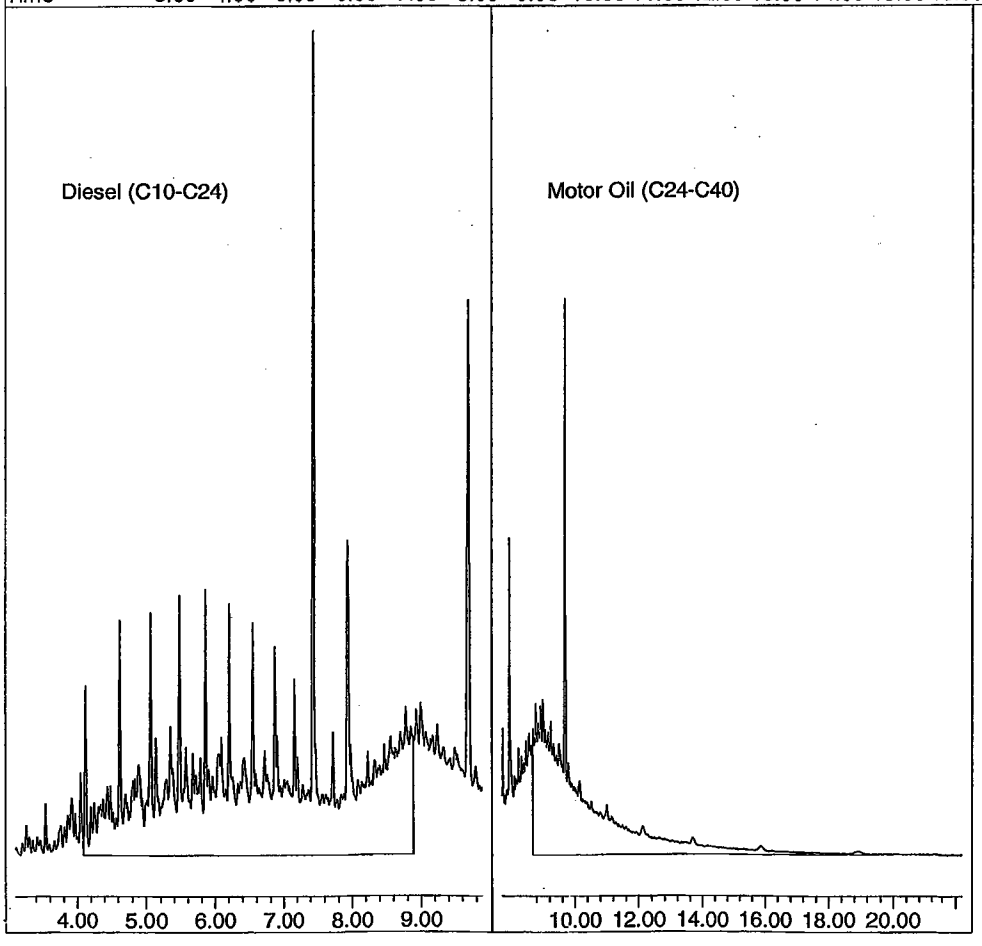
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.44	77728152	12.427 ppb
Surrogate Spike 30.000		Recovery =	41.42%
4) SA Octacosane(S)	9.68	57804364	12.781 ppb
Surrogate Spike 30.000		Recovery =	42.60%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1299185451	258.116 ppb
2) HBTM Motor Oil (C24-C40)	14.96	950974379	270.296 ppb

Target Compounds

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

Data File: G:\APOLLO\DATA\211110\1110031.D
Sample : DMO LVL 4 CCV 10/27/21





TPH Extractables
DOC1028

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 11/11/2021
Instrument: Apollo
Initial Cal. Date: 10/28/2021
Data File: 1110050.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2516670	2557630	1.6	HATM	
2	HBTM	Motor Oil (C24-C40)	2492040	1852830	26	HBTML	5.2
3	SA	Ortho-Terphenyl(S)	3127510	3096470	0.99	SA	
4	SA	Octacosane(S)	2261430	2301810	1.8	SA	
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
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28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
		Average			7.6		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211110\1110050.D Vial: 50
Acq On : 11-11-21 9:17:01 Operator: KA
Sample : DMO LVL 4 CCV 10/27/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 11 17:44 2021 Quant Results File: DOC1028.RES

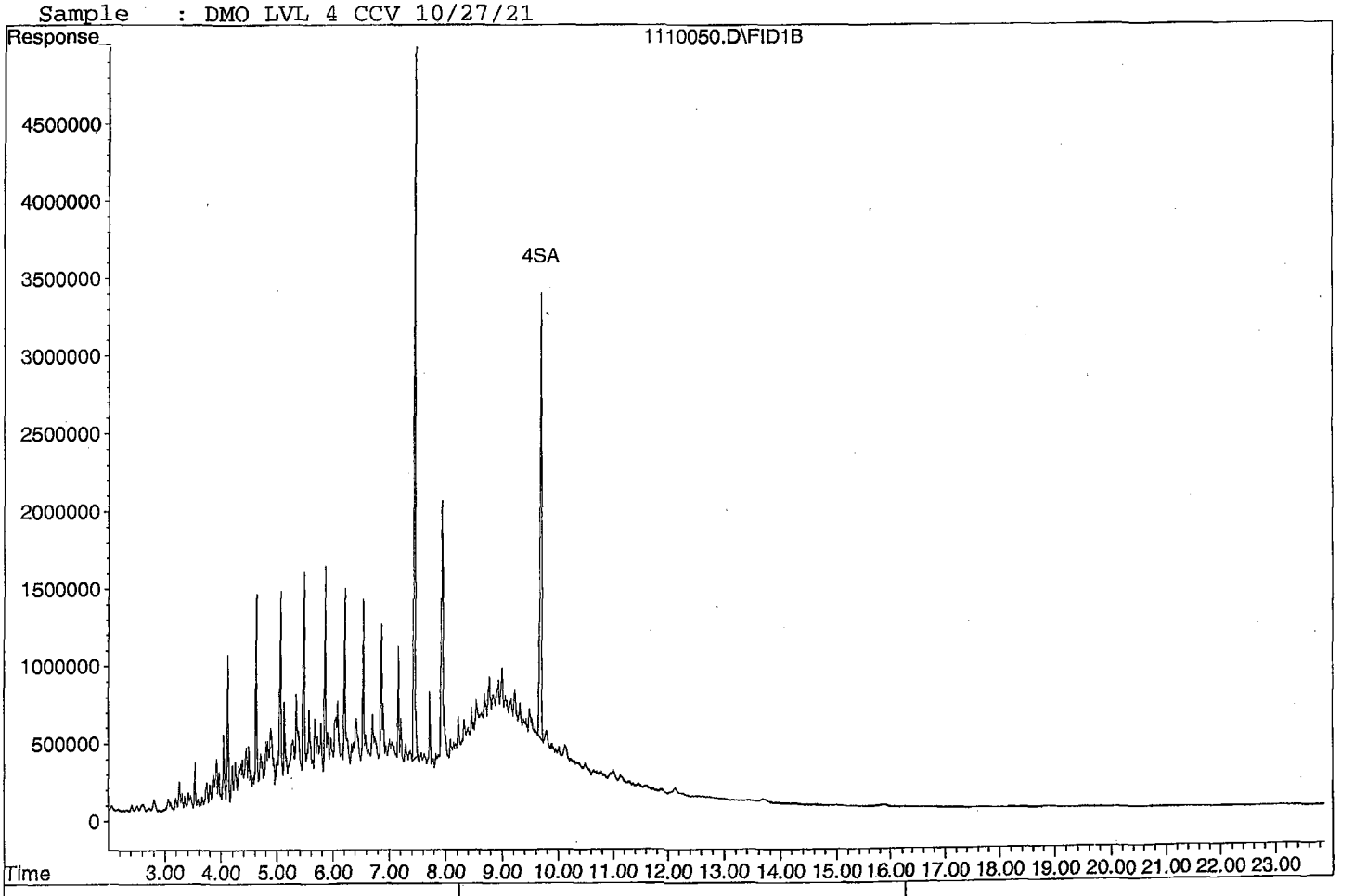
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 12 17:55:30 2021
Response via : Multiple Level Calibration

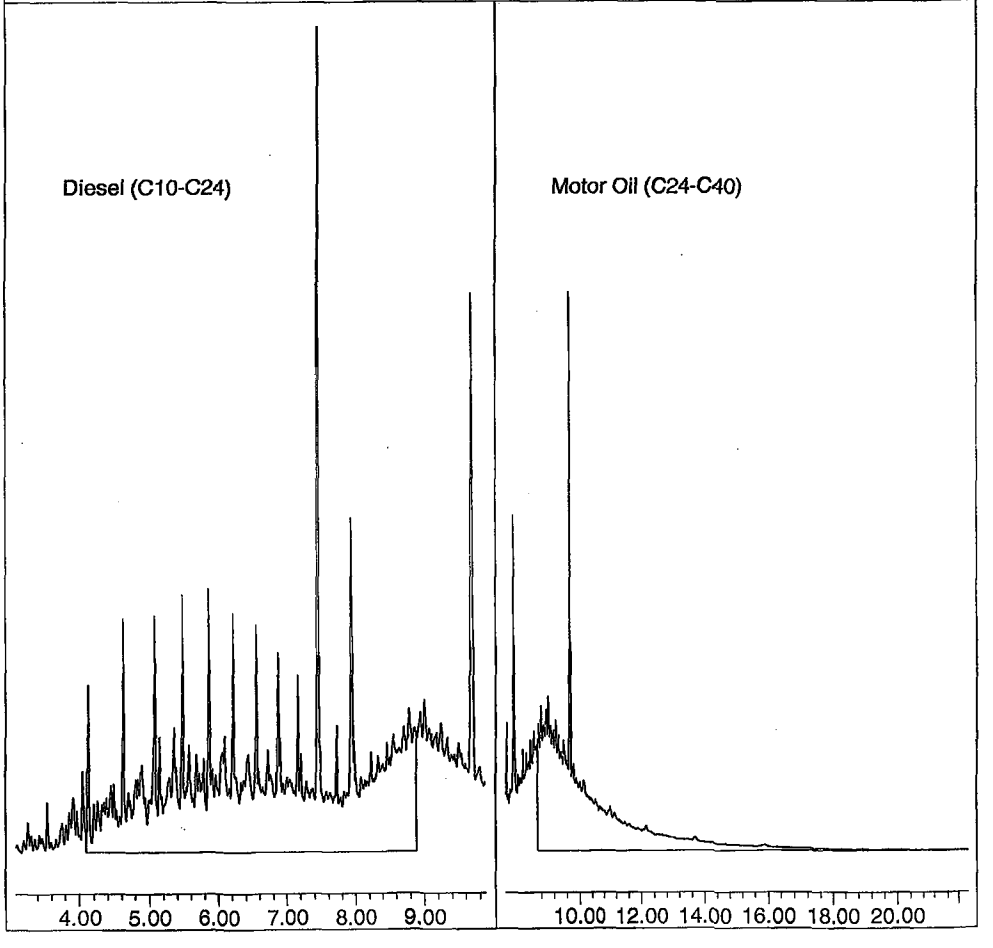
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.44	77411780	12.376 ppb
Surrogate Spike 30.000	Recovery =		41.25%
4) SA Octacosane(S)	9.68	57545270	12.723 ppb
Surrogate Spike 30.000	Recovery =		42.41%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1278816675	254.069 ppb
2) HBTM Motor Oil (C24-C40)	14.96	926413239	263.054 ppb
Target Compounds			

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

Data File: G:\APOLLO\DATA\211110\1110050.D
Sample : DMO LVL 4 CCV 10/27/21





ORGANICS
Raw Data

Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211110\1110038.D Vial: 38
Acq On : 11-11-21 3:40:52 Operator: KA
Sample : BA45105W09 5/1050 Inst : Apollo
Misc : water Multiplr: 4.76
IntFile : events.e
Quant Time: Nov 13 14:55 2021 Quant Results File: DOC1028.RES

Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 12 17:55:30 2021
Response via : Multiple Level Calibration

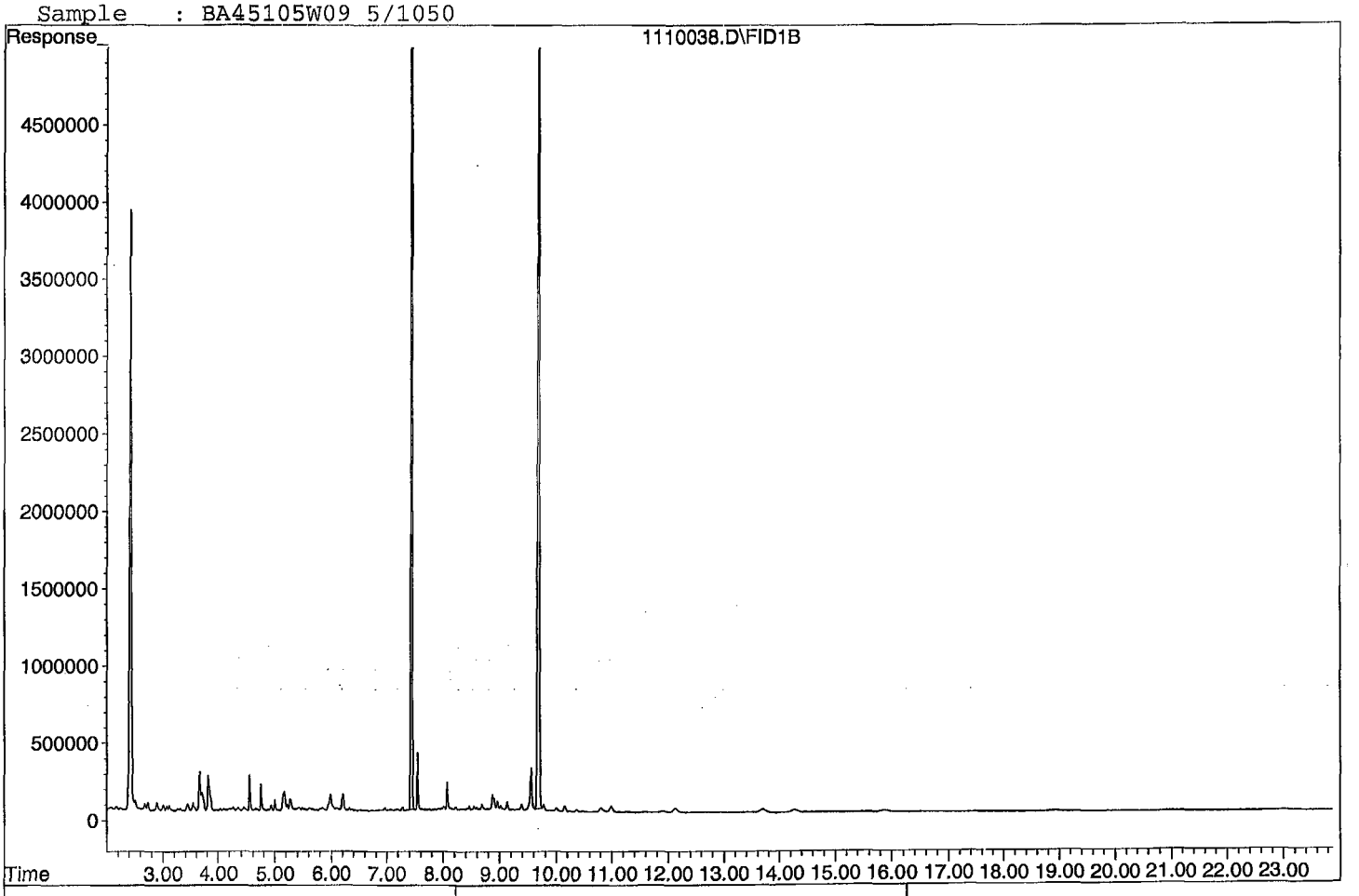
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

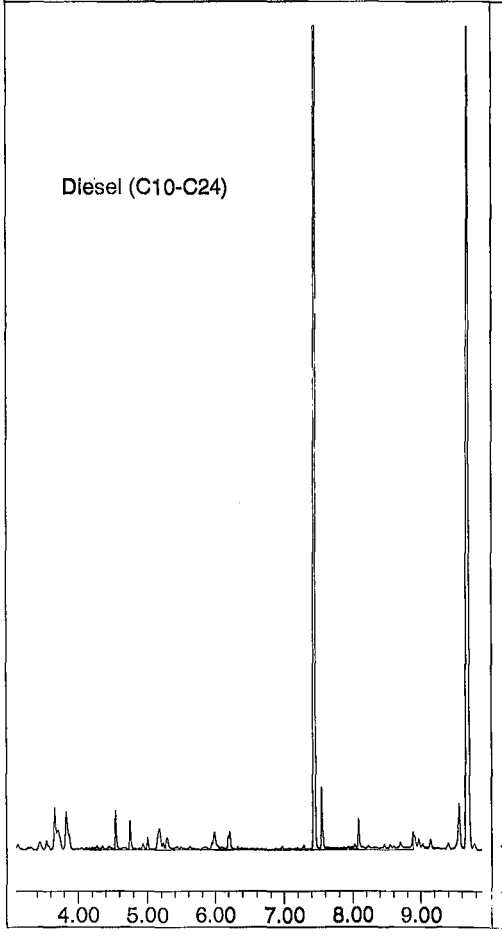
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.44	126238806	96.105 ppb
Surrogate Spike 142.857		Recovery =	67.27%
4) SA Octacosane(S)	9.68	112646050	118.600 ppb
Surrogate Spike 142.857		Recovery =	83.02%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	52673688	49.833 ppb
2) HBTM Motor Oil (C24-C40)	14.96	76604241	59.573 ppb

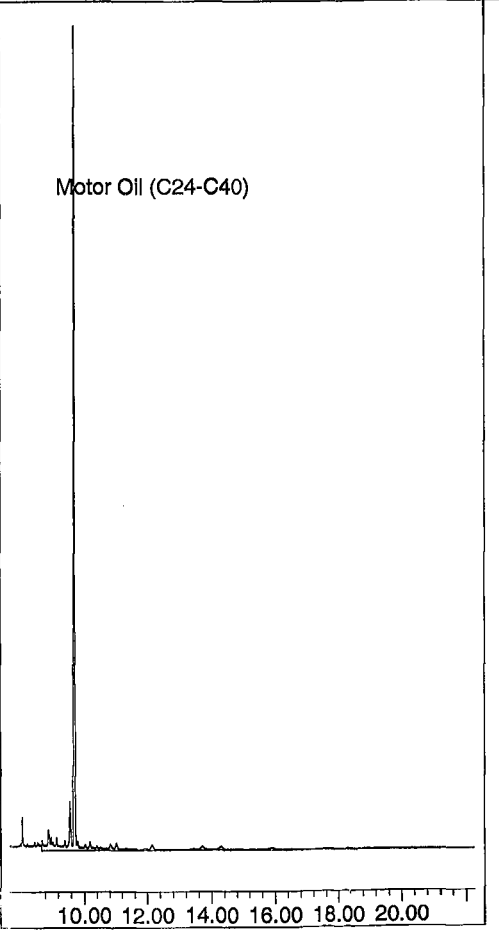
Target Compounds

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

Data File: G:\APOLLO\DATA\211110\1110038.D
Sample : BA45105W09 5/1050







Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211110\1110033.D Vial: 33
Acq On : 11-11-21 1:20:45 Operator: KA
Sample : 211108A BLK 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 13 14:51 2021 Quant Results File: DOC1028.RES

Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 12 17:55:30 2021
Response via : Multiple Level Calibration

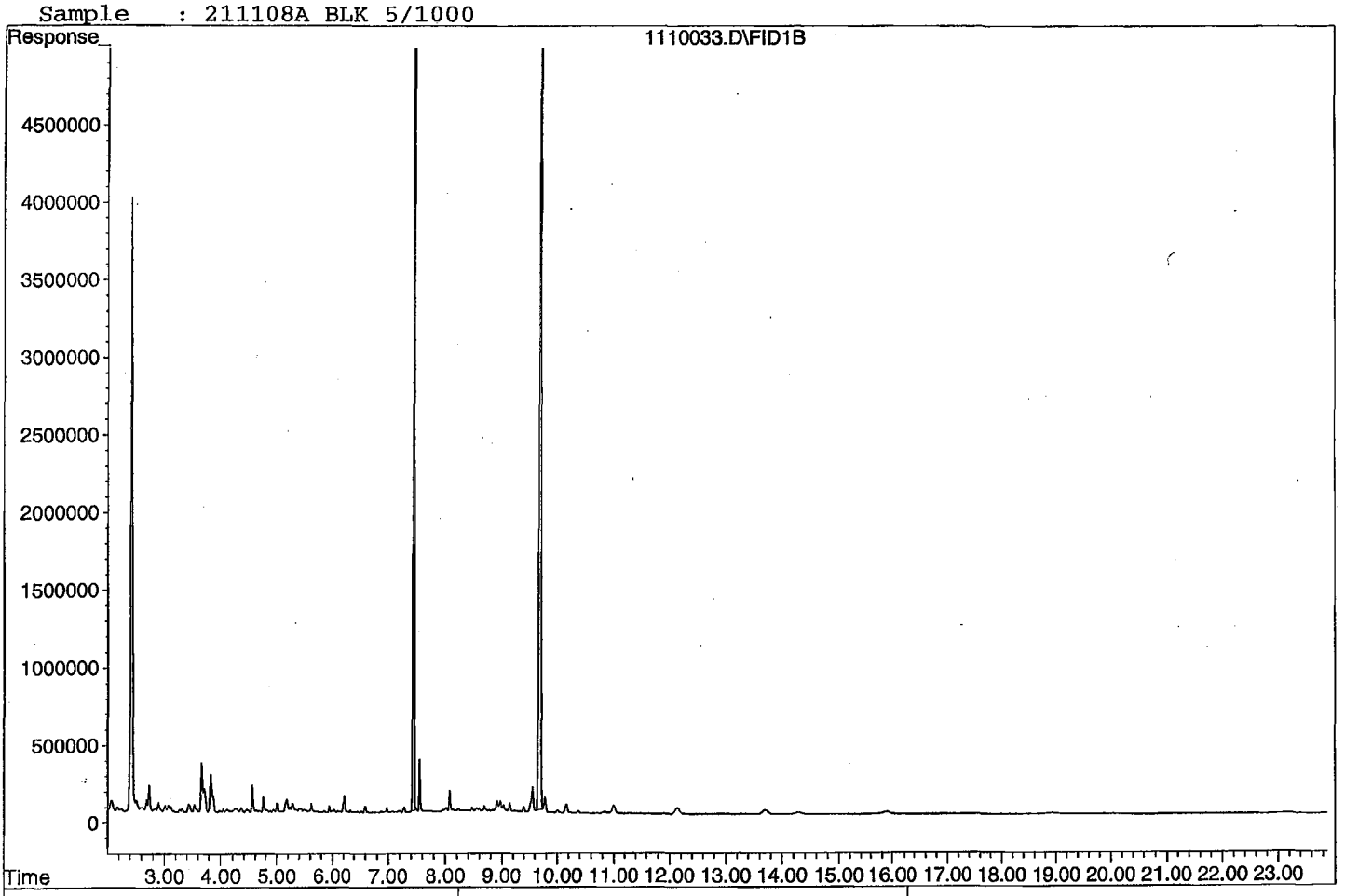
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

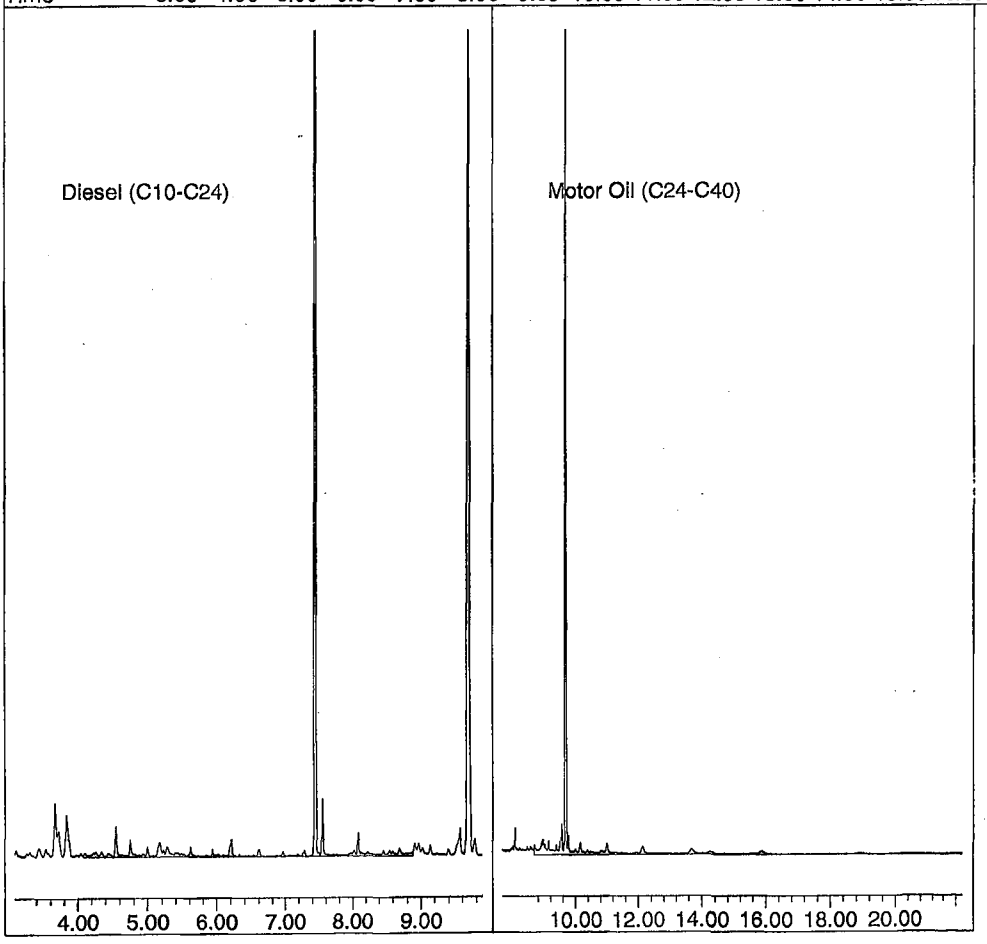
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.44	134906312	107.839 ppb
Surrogate Spike 150.000		Recovery =	71.89%
4) SA Octacosane(S)	9.69	120491485	133.203 ppb
Surrogate Spike 150.000		Recovery =	88.80%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	50060834	49.729 ppb
2) HBTM Motor Oil (C24-C40)	14.96	87780034	79.026 ppb
Target Compounds			

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

Quantitation Report

Data File: G:\APOLLO\DATA\211110\1110033.D
Sample : 211108A BLK 5/1000





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211110\1110034.D Vial: 34
Acq On : 11-11-21 1:48:45 Operator: KA
Sample : 211108A LCS-1 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 13 14:53 2021 Quant Results File: DOC1028.RES

Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 12 17:55:30 2021
Response via : Multiple Level Calibration

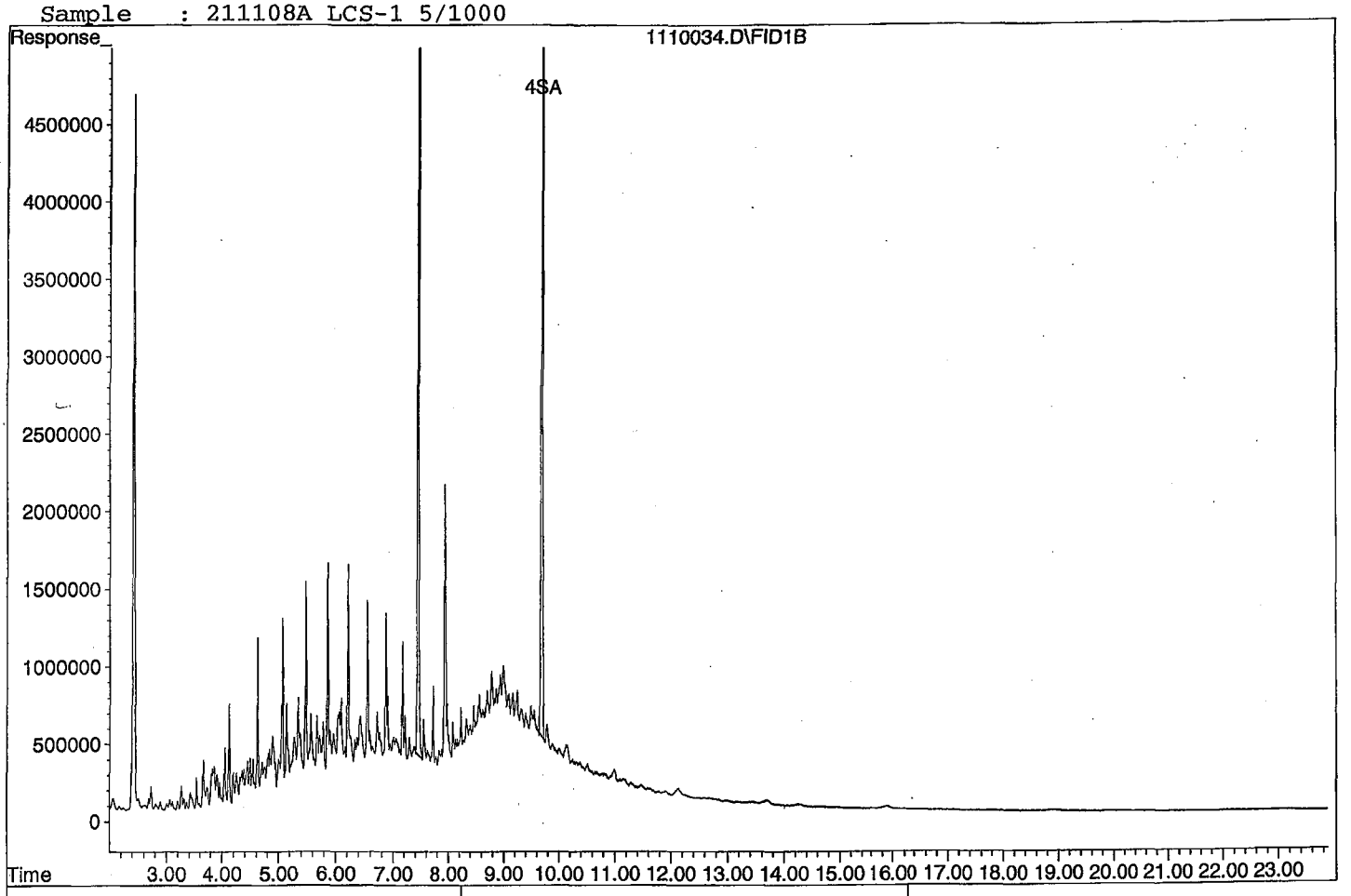
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

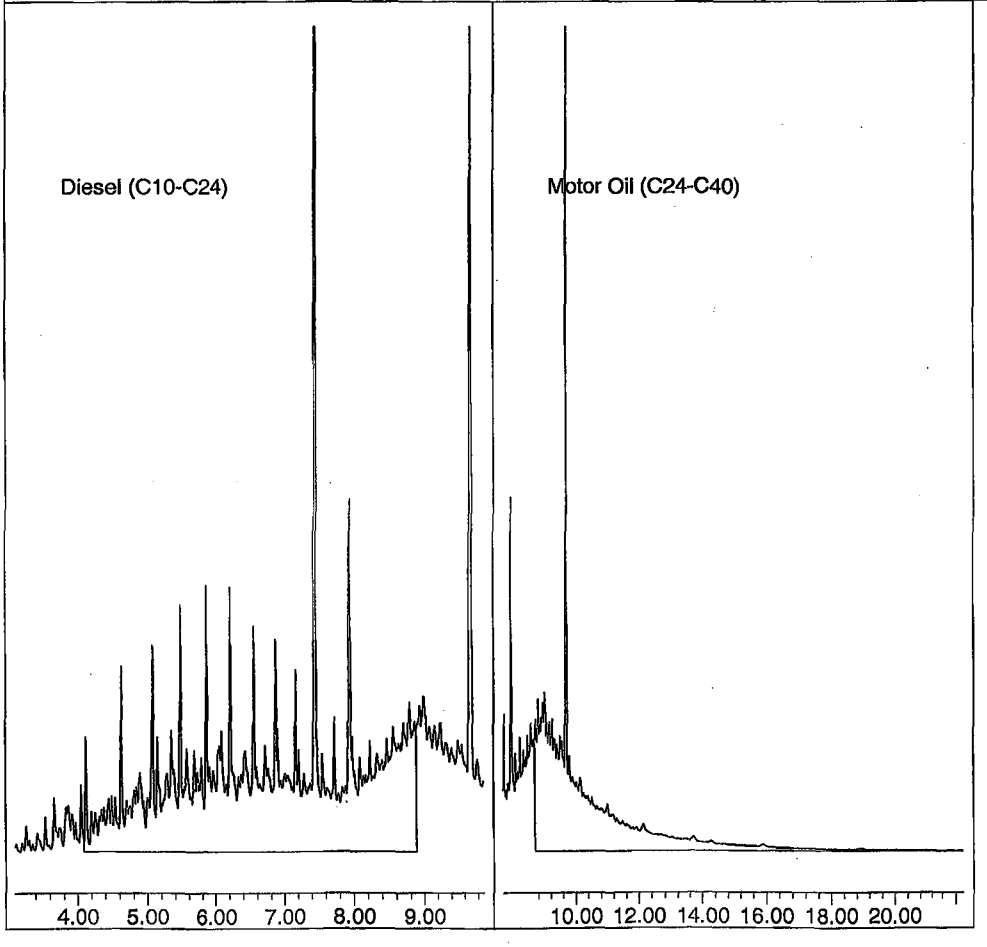
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.44	117332476	93.791 ppb
Surrogate Spike 150.000		Recovery =	62.53%
4) SA Octacosane(S)	9.68	92426177	102.177 ppb
Surrogate Spike 150.000		Recovery =	68.12%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1293569260	1285.001 ppb
2) HBTM Motor Oil (C24-C40)	14.96	970182446	1379.793 ppb
Target Compounds			

Diesel:

$$\frac{(1293569260)(5)}{(25166669)(2)} = \frac{6467846300}{5033338} = \boxed{1285.001}$$

Data File: G:\APOLLO\DATA\211110\1110034.D
Sample : 211108A LCS-1 5/1000





Quantitation Report (QT Reviewed)

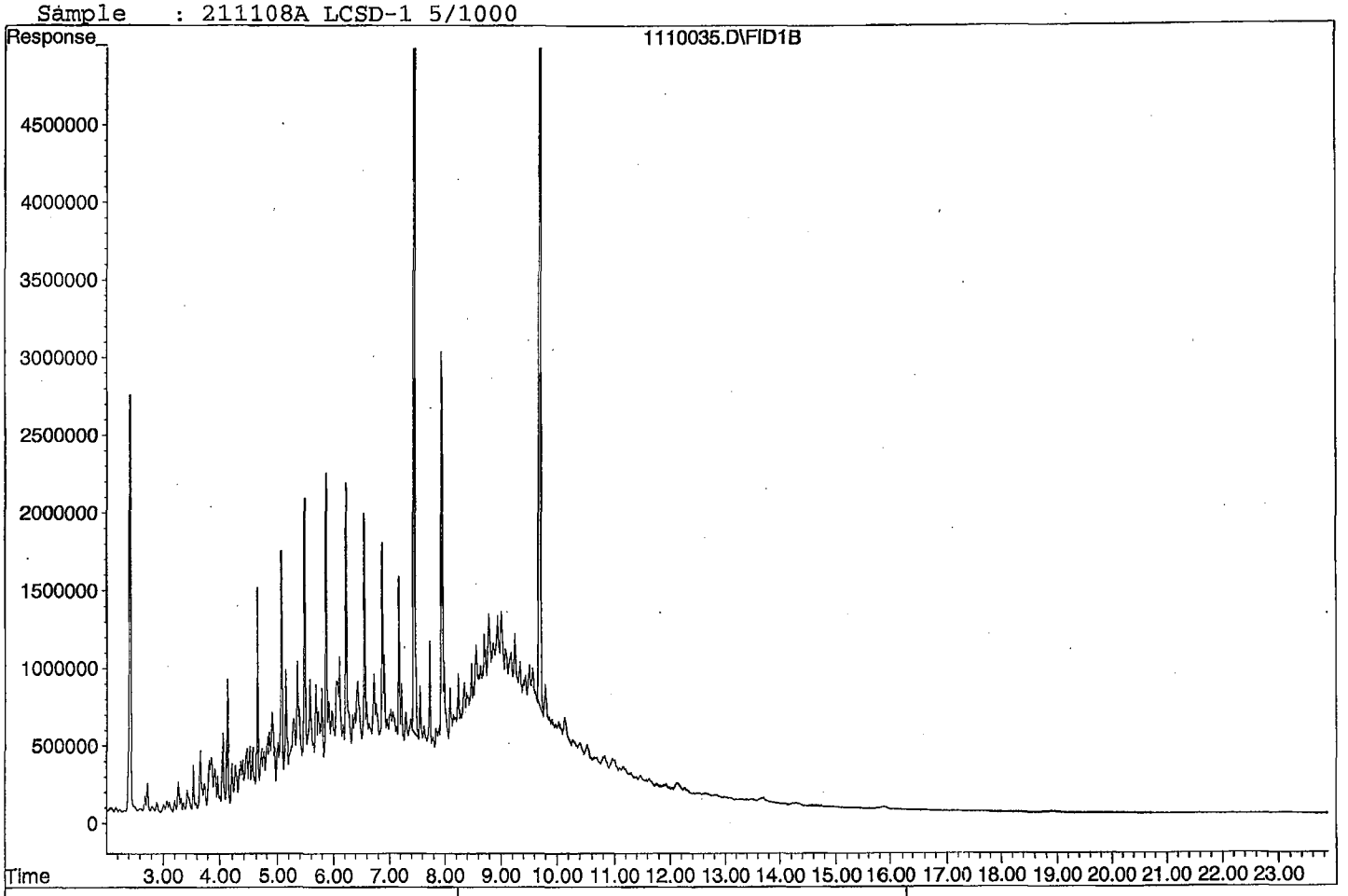
Data File : G:\APOLLO\DATA\211110\1110035.D Vial: 35
Acq On : 11-11-21 2:16:47 Operator: KA
Sample : 211108A LCSD-1 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 13 14:54 2021 Quant Results File: DOC1028.RES

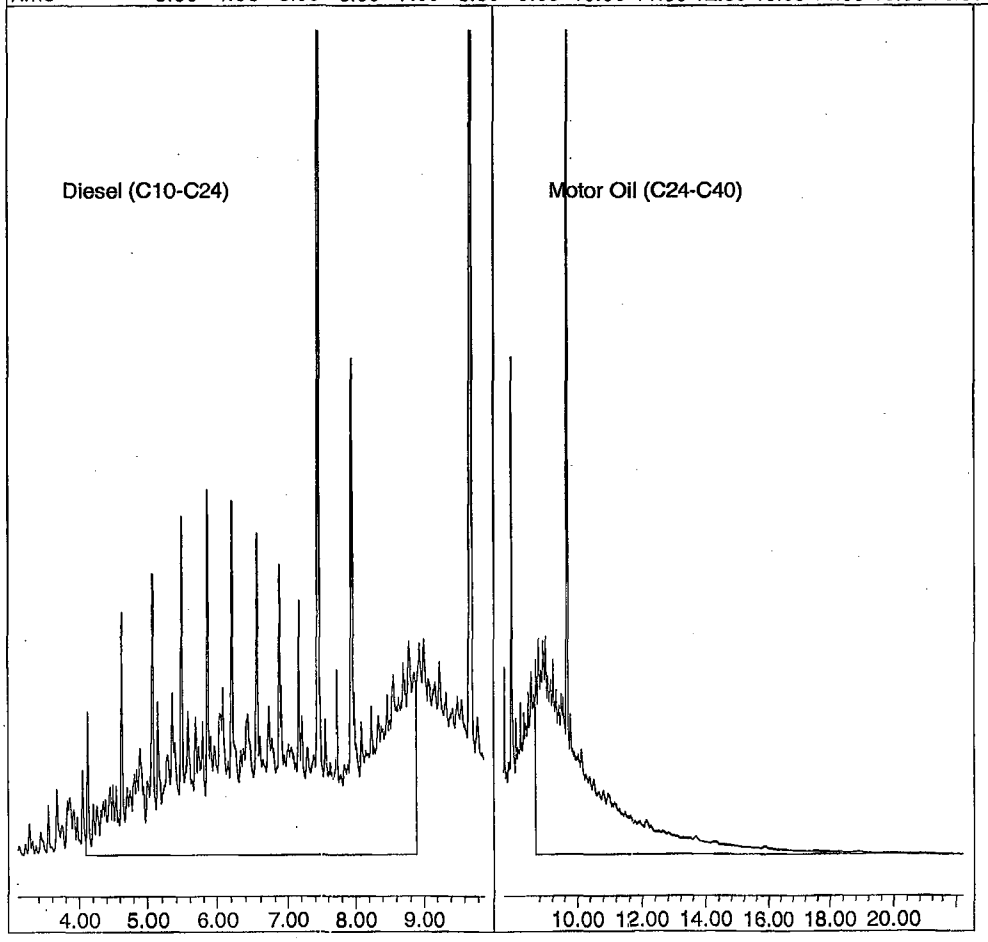
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 12 17:55:30 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.44	158797111	126.936 ppb
Surrogate Spike 150.000		Recovery =	84.62%
4) SA Octacosane(S)	9.69	127314912	140.746 ppb
Surrogate Spike 150.000		Recovery =	93.83%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1782883487	1771.075 ppb
2) HBTM Motor Oil (C24-C40)	14.96	1351574087	1942.011 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\211110\1110035.D
Sample : 211108A LCSD-1 5/1000





Diesel / Motor Oil Calibration Curve

Prepared: 10/28/2021
Expires: 5/31/2026
Methylene Chloride Lot No. 61117

Prepared By (Initials): KA

Initial Standard Information							Final Standard			
Name of Initial Standard (QAU Label)	Supplier	Conc. (ug/mL)	APPL Mix Name	Reference to APPL Prep Date and Lot #'s	Exp. Date	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Diesel / Motor Oil - 2	APPL	10	Diesel / Motor Oil - 1	Perp'd: 10/6/21 A0164485-52822, A0168842-52820, AO166510-52817 CL16893-52835	See man. Exp date	10/31/2027 12/31/2027 5/31/2026	100uL	200uL	MC	5
Diesel / Motor Oil - 3		50	Diesel / Motor Oil - 2				200uL	1mL	MC	10
Diesel / Motor Oil Calibration STD	Restek	2,000	Diesel / Motor Oil - 3				25uL	1mL	MC	50
			Diesel / Motor Oil - 4				125uL	1mL	MC	250
			Diesel / Motor Oil - 5				500uL	1mL	MC	1000
			Diesel / Motor Oil - 6				750uL	1mL	MC	1500
			Diesel / Motor Oil - 7				100uL	100uL	N/A	2,000

Diesel / Motor Oil Second Source

Prepared: 10/28/2021
Expires: 10/28/2024

Prepared By (Initials): KA

Methylene Chloride Lot No. 61117

Initial Standard Information							Final Standard			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Diesel Fuel #2 Second Source	Phenova	AL0-101287	50,000	**CL16477-52980**	**See man. Exp date**	**2/28/2027**	50uL	10mL	MC	250
Motor Oil Second Source	Absolute	51094	50,000	**102819-52981**		**10/28/2024**	50uL			

Diesel / Motor Oil CCV

Prepared: 10/27/2021
Expires: 5/31/2026
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: 10/30/2021 **Prepared By (Initials): KA**

Expires: 10/31/2027

Initial Standard Information							Final Standard			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Diesel Fuel #2	Restek	31258	50,000	**A0164485-52825 and A0164586-53175, 53174, and 53176**	**See man. Date**	**10/31/2027**	4.00 mL	8.0 mL	NA	25,000
Motor Oil Composite	Restek	31464	50,000	**A0166510-52817, and A0168842-53169, 53170, and 53171**	**See man. Date**	**12/31/2027 3/31/28**	4.00 mL			25,000

THC Surrogate

Prepared: 10/29/2021 **LS**

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	**CL16893-52841**	**See ma. Date**	**5/31/2026**	N/A	N/A	N/A	600

Organic Extraction Worksheet

Method	Continuous Liq/Liq TPH- 3520C w/SGC	Extraction Set	211108A	Extraction Method	LIQ005SGC	Units	mL

Spiked ID 1	Diesel Motor Oil Mix 10/30/21-10/31/27		Surrogate ID 1	THC Surrogate 10/29/21-10/29/22	
Spiked ID 2	Decanoic 1000ug/mL Acid Solution 11/01/21-11/01/22		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:	11/08/21 10:07	
Spiked ID 8			Ext. End Time:	11/09/21 15:50	
			GC Requires Extract By:		

pH1	2		Water Bath Temp 1 °C	39/ 38.1 °C
pH2			Water Bath Temp 2 °C	37/ 38.1
pH3			Water Bath Temp 3 °C	37/ 36.5 °C

Spiked By: SR **Date** 11/8/2021 9:01:00 AM **Witnessed By:** AGM **Date** 11/8/2021 9:01:00 AM

	Sample	Sample Container	Spike Amount	Spike ID	Surrogate Amount	Surrogate ID	Extract Amount	Final Volume	pH	Extract Date/Time	Comments
1	211108A Blk		0.050	2	0.250	1 equip	1000	5	2	11/08/21 9:01	*
2	211108A LCS-1		0.080,0.050	1,2	0.250	1 equip	1000	5	2	11/08/21 9:01	*
3	211108A LCSD-1		0.080,0.050	1,2	0.250	1 equip	1000	5	2	11/08/21 9:01	*
4	BA45100	BA45100W10	0.050	2	0.250	1 equip	1040	5	2	11/08/21 9:01	98098 *
5	BA45101	BA45101W07	0.050	2	0.250	1 equip	1040	5	2	11/08/21 9:01	98098 *
6	BA45105	BA45105W09	0.050	2	0.250	1 equip	1050	5	2	11/08/21 9:01	98097 *
7	BA45108	BA45108W09	0.050	2	0.250	1 equip	1040	5	2	11/08/21 9:01	98096 *
8	BA45110	BA45110W10	0.050	2	0.250	1 equip	1040	5	2	11/08/21 9:01	98096 *
9	BA45112	BA45112W09	0.050	2	0.250	1 equip	1000	5	2	11/08/21 9:01	98096 *
10	BA45114	BA45114W10	0.050	2	0.250	1 equip	1050	5	2	11/08/21 9:01	98096 *

Solvent and Lot#	
1+1 HCL (5mLs)	60358
PH Strips	HC155968
Dichloromethane (DCM)	61117
Filter Paper	1441-150
Sodium Sulfate	2021071206
SILICA GEL (*)	050627T

Extraction COC Transfer	
Extraction lab employee Initials	
GC analyst's initials	KA
Date	11/10/21
Time	8:30
Refrigerator	Hobart

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

Modified	11/10/2021 5:33:02 PM

Reviewed By: **Date**

Injection Log

Directory: G:\APOLLO\DATA\211028\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	3	1028003.D	1	DMO STD 1 10/28/21	water	10-28-21 9:19:03
2	4	1028004.D	1	DMO STD 2 10/28/21	water	10-28-21 9:47:06
3	5	1028005.D	1	DMO STD 3 10/28/21	water	10-28-21 10:15:13
4	6	1028006.D	1	DMO STD 4 10/28/21	water	10-28-21 10:43:31
5	7	1028007.D	1	DMO STD 5 10/28/21	water	10-28-21 11:11:42
6	8	1028008.D	1	DMO STD 6 10/28/21	water	10-28-21 11:39:55
7	9	1028009.D	1	DMO STD 7 10/28/21	water	10-28-21 12:08:10
8	10	1028010.D	1	DMO Second Source 10/28/21	water	10-28-21 12:36:26
9	31	1110031.D	1	DMO LVL 4 CCV 10/27/21	water	11-11-21 0:24:43
10	33	1110033.D	5	211108A BLK 5/1000	water	11-11-21 1:20:45
11	34	1110034.D	5	211108A LCS-1 5/1000	water	11-11-21 1:48:45
12	35	1110035.D	5	211108A LCSD-1 5/1000	water	11-11-21 2:16:47
13	38	1110038.D	4.7619	BA45105W09 5/1050	water	11-11-21 3:40:52
14	50	1110050.D	1	DMO LVL 4 CCV 10/27/21	water	11-11-21 9:17:01

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																	
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7																	
8																	
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2.118919

Quantitation Report (Not Reviewed)

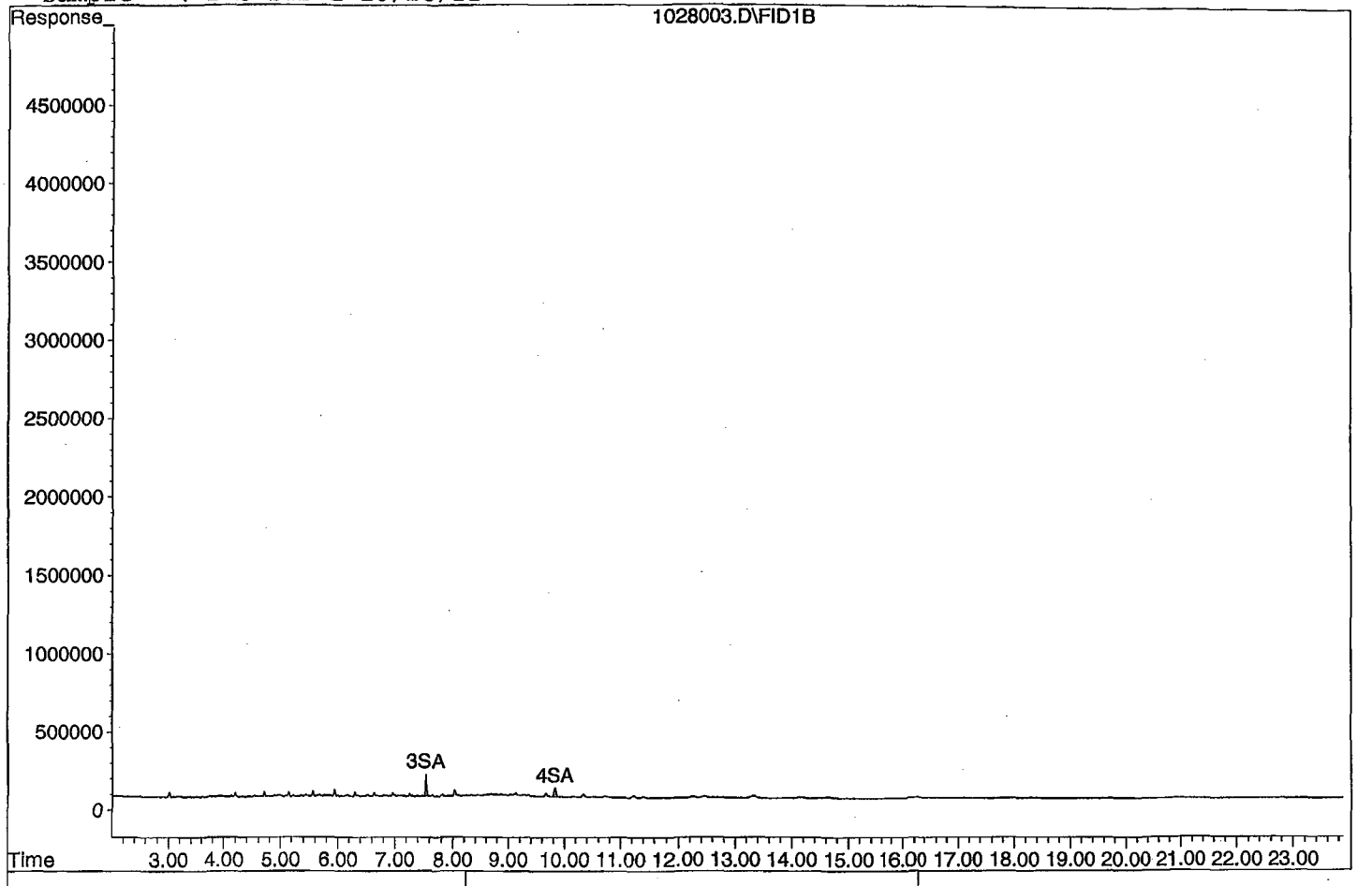
Data File : G:\APOLLO\DATA\211028\1028003.D Vial: 3
Acq On : 10-28-21 9:19:03 Operator: KA
Sample : DMO STD 1 10/28/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 28 15:39 2021 Quant Results File: DOC1028.RES

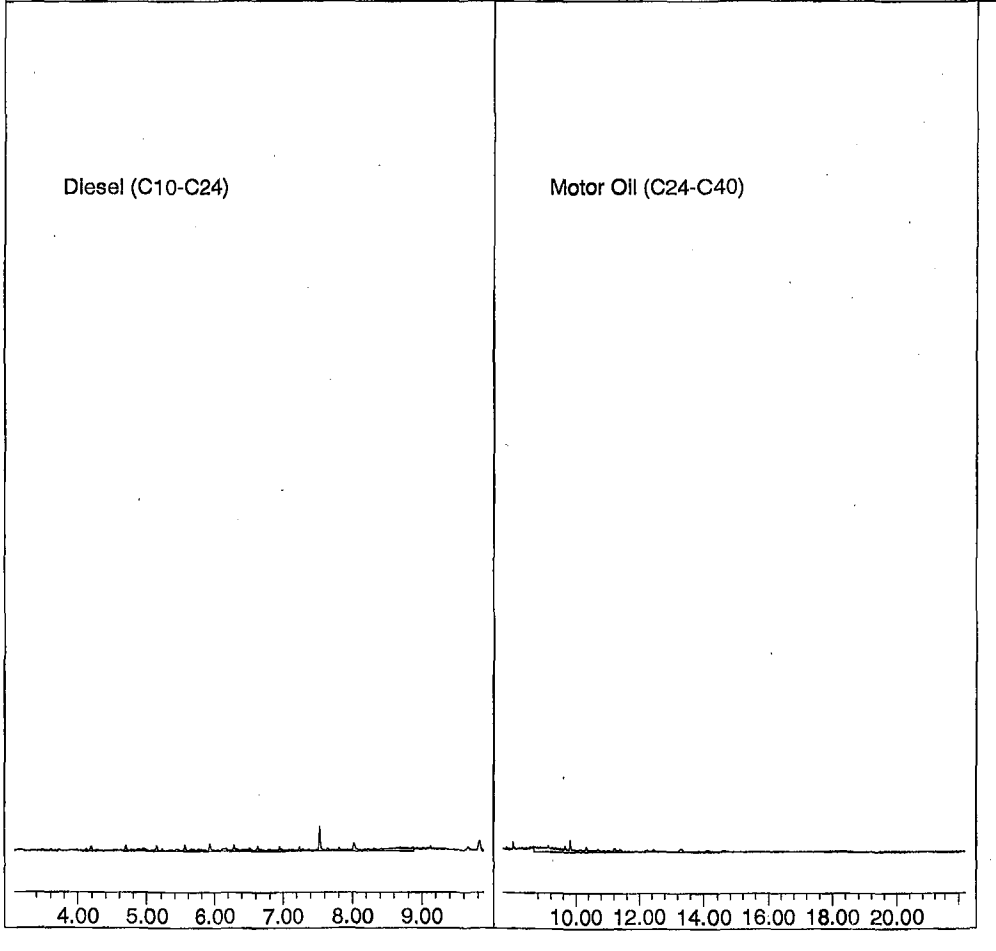
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

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			

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

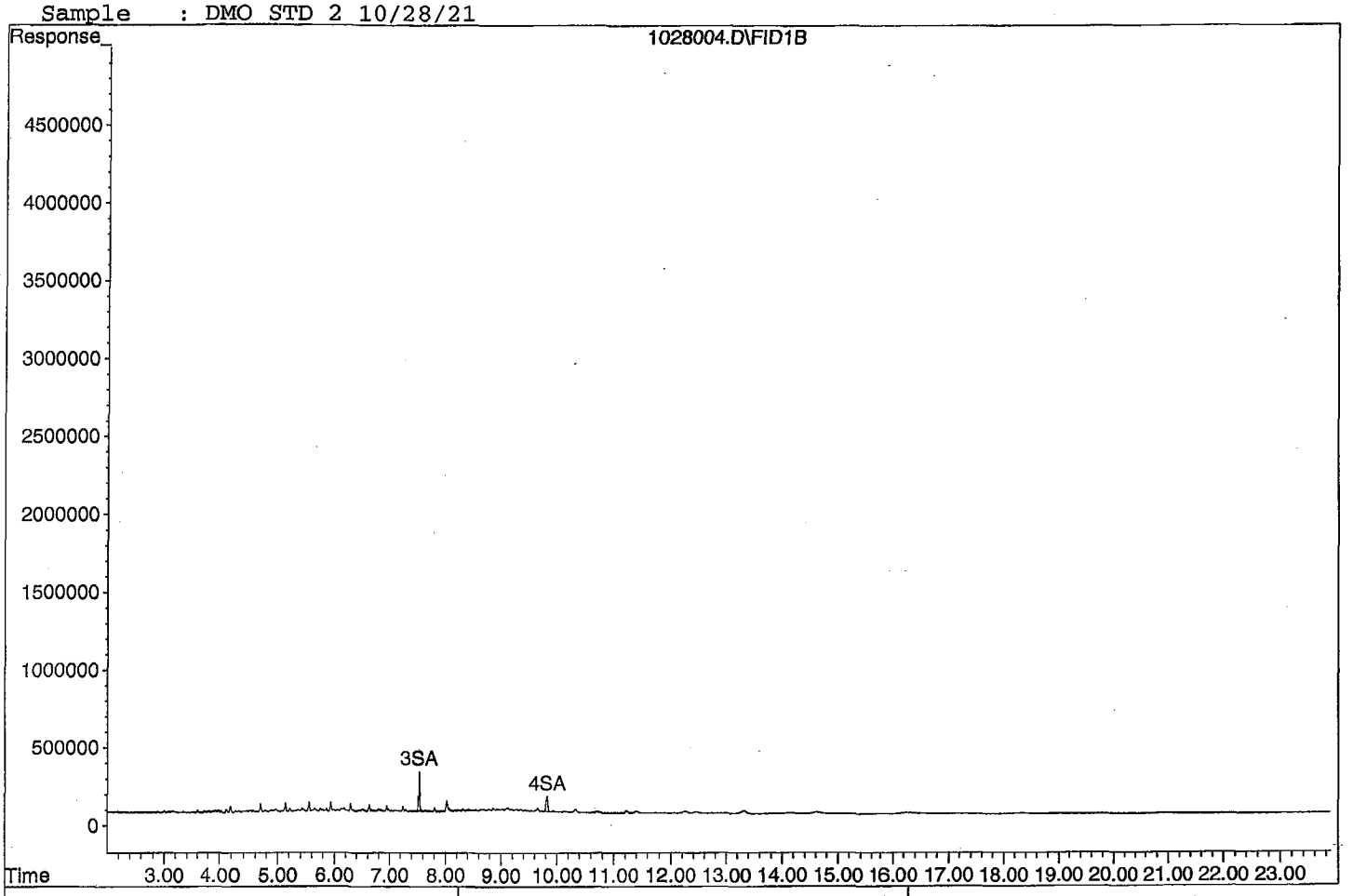
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

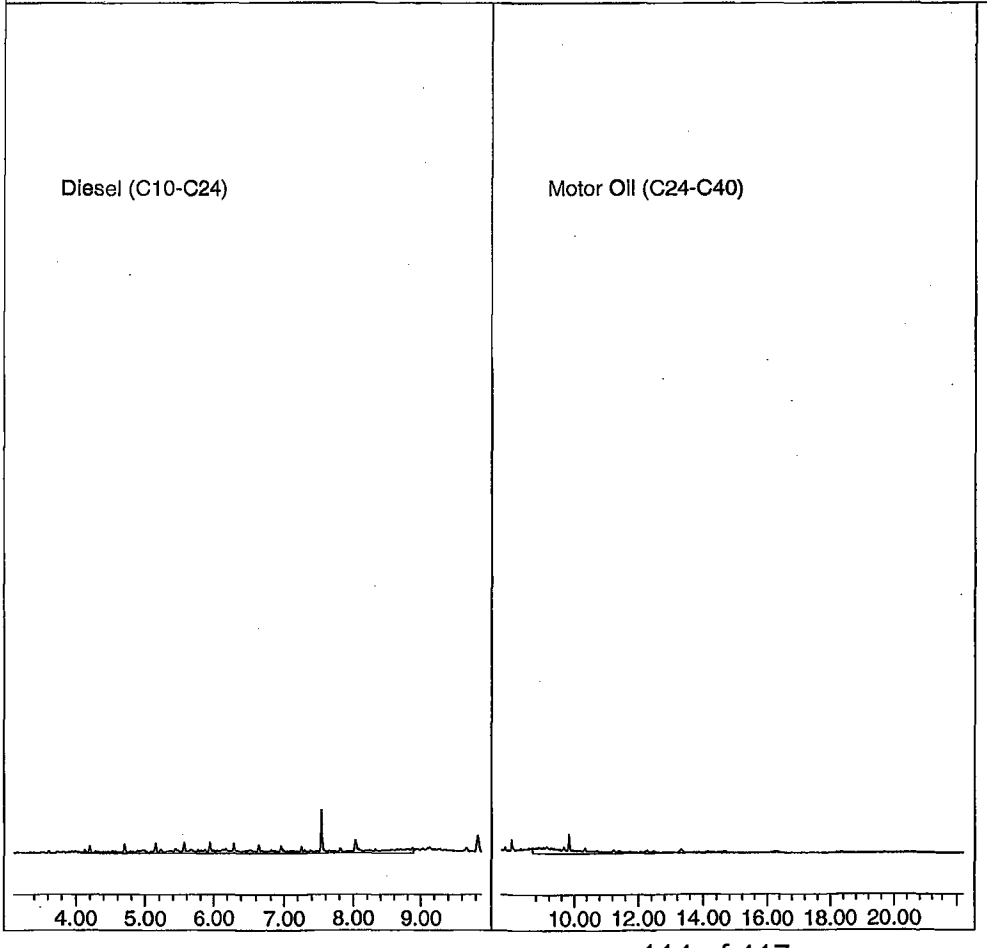
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

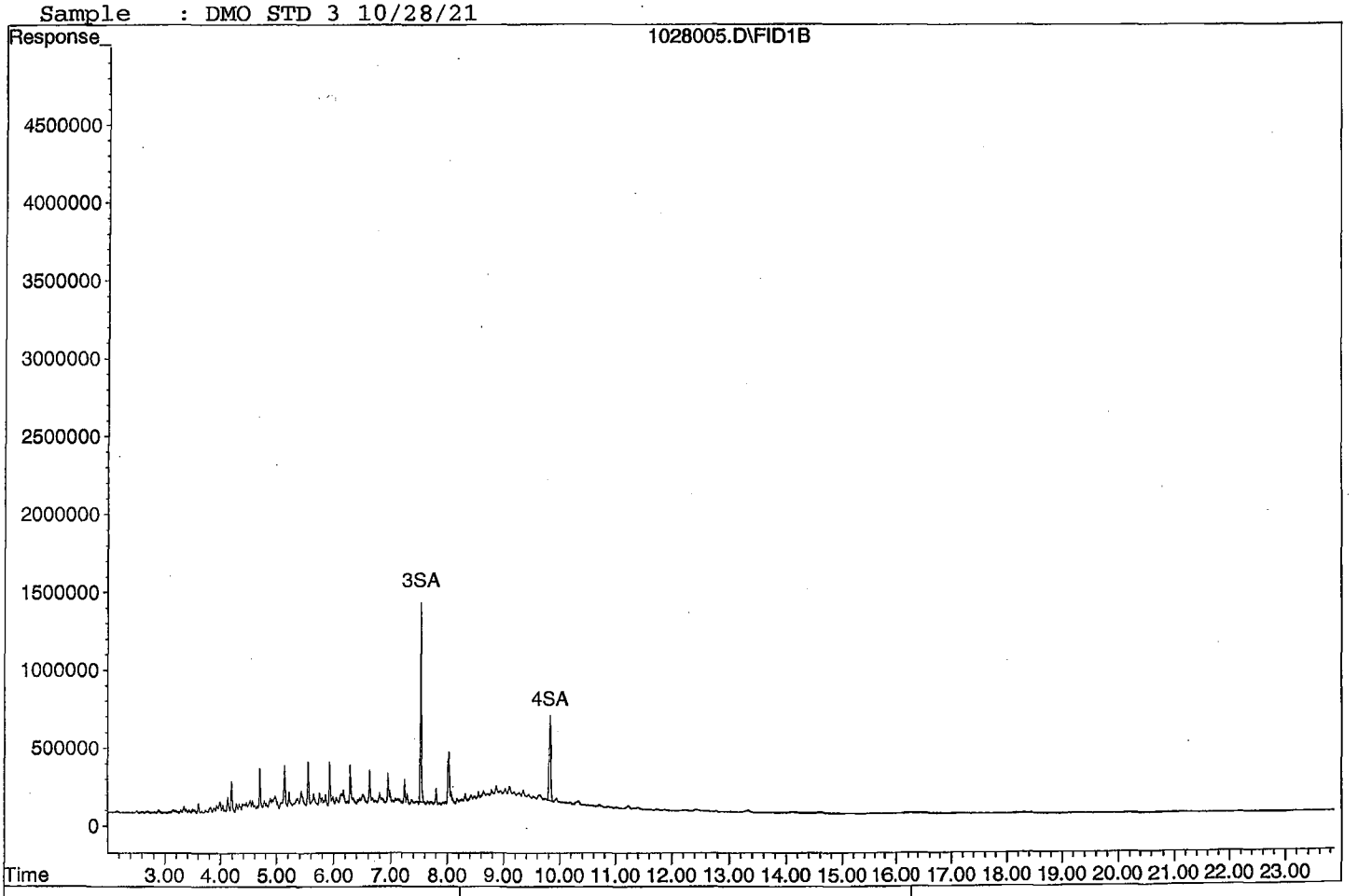
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

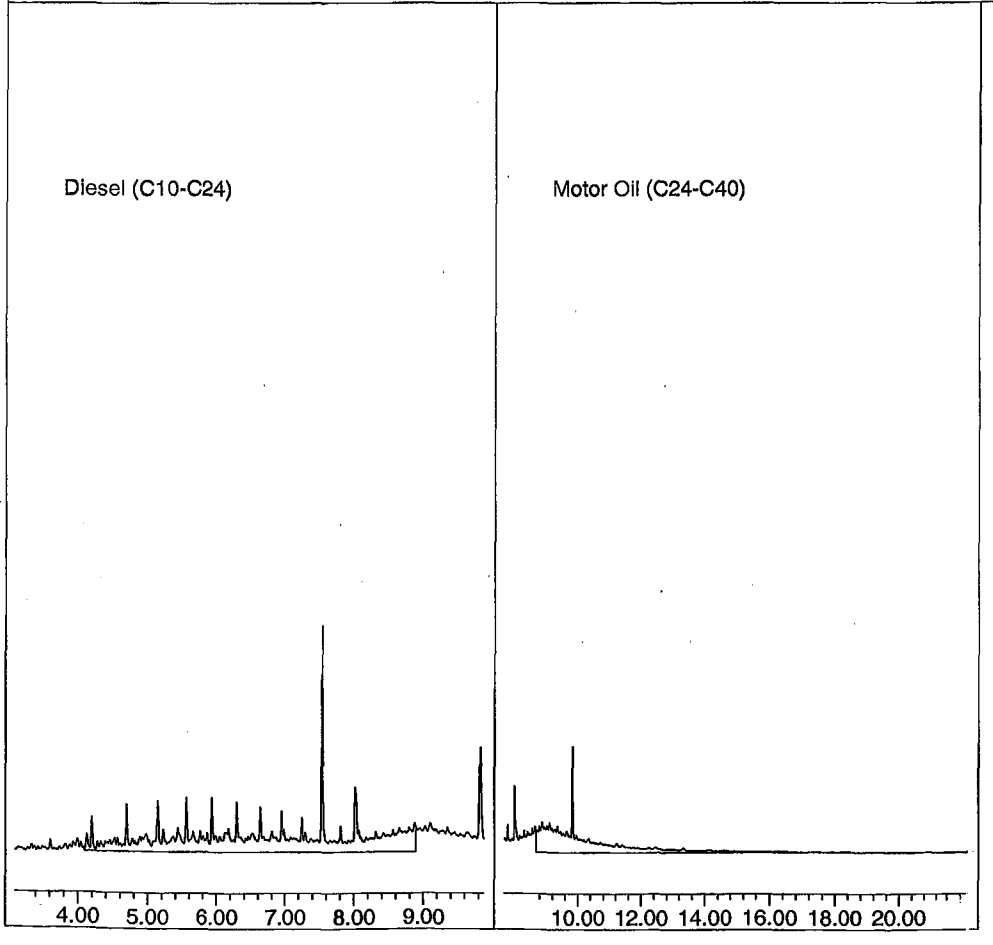
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	15599382	2.494 ppb
Surrogate Spike 30.000	Recovery =		8.31%
4) SA Octacosane(S)	9.82	11432050	2.528 ppb
Surrogate Spike 30.000	Recovery =		8.43%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	251787231	50.024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

Target Compounds

(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

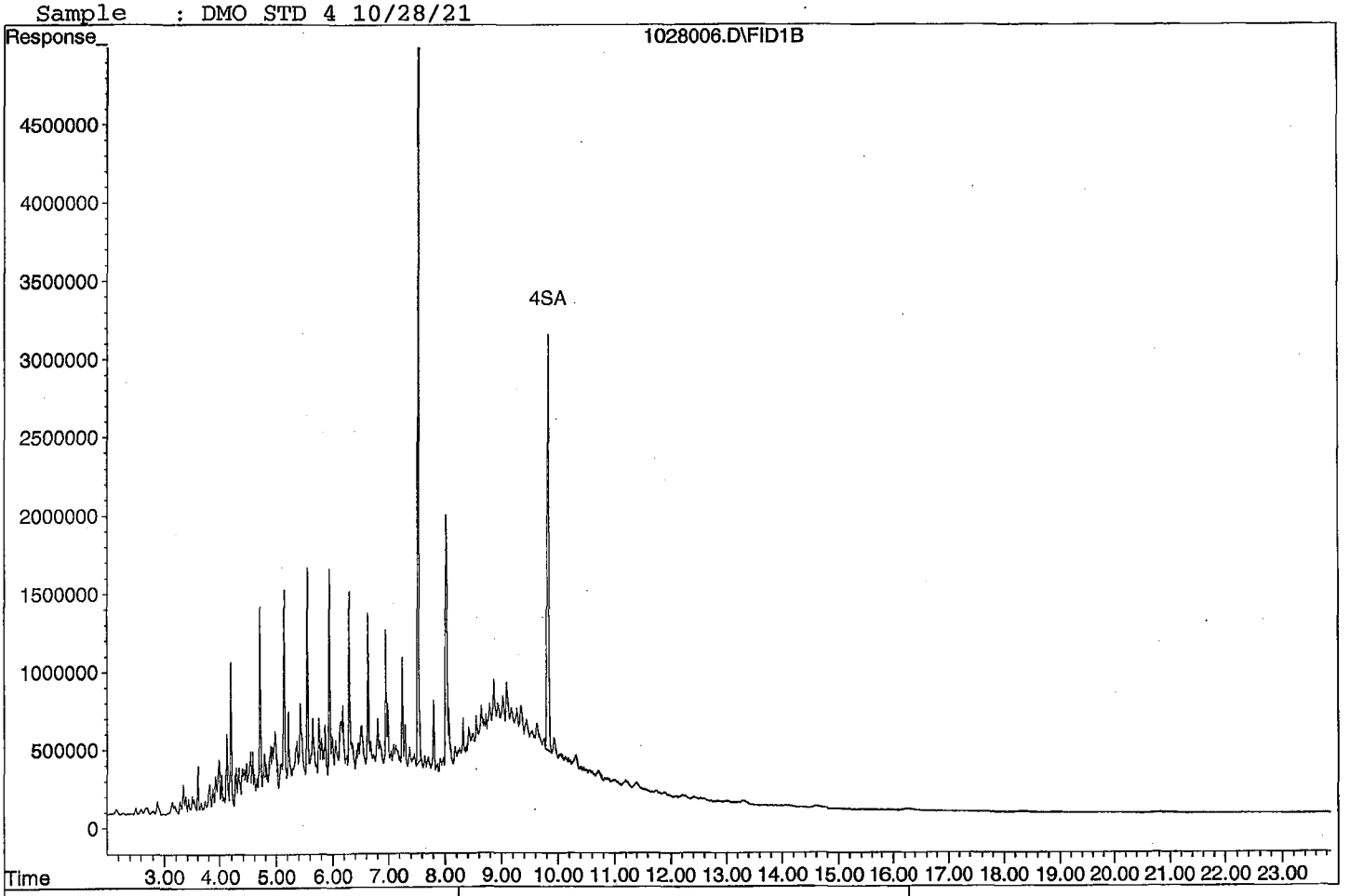
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

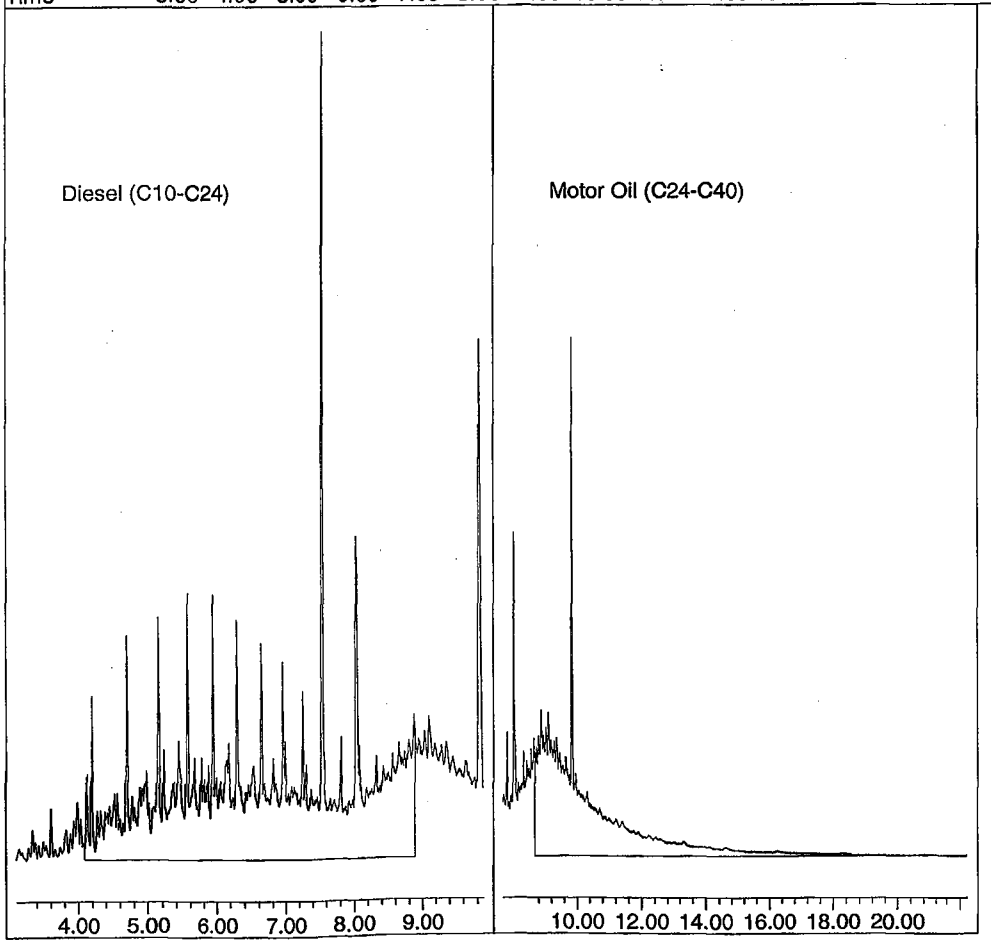
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	75891940	12.133 ppb
Surrogate Spike 30.000	Recovery =		40.44%
4) SA Octacosane(S)	9.82	56888797	12.578 ppb
Surrogate Spike 30.000	Recovery =		41.93%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1209470396	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.
1028006.D DOC1028.M Thu Oct 28 15:42:34 2021 Page 1

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

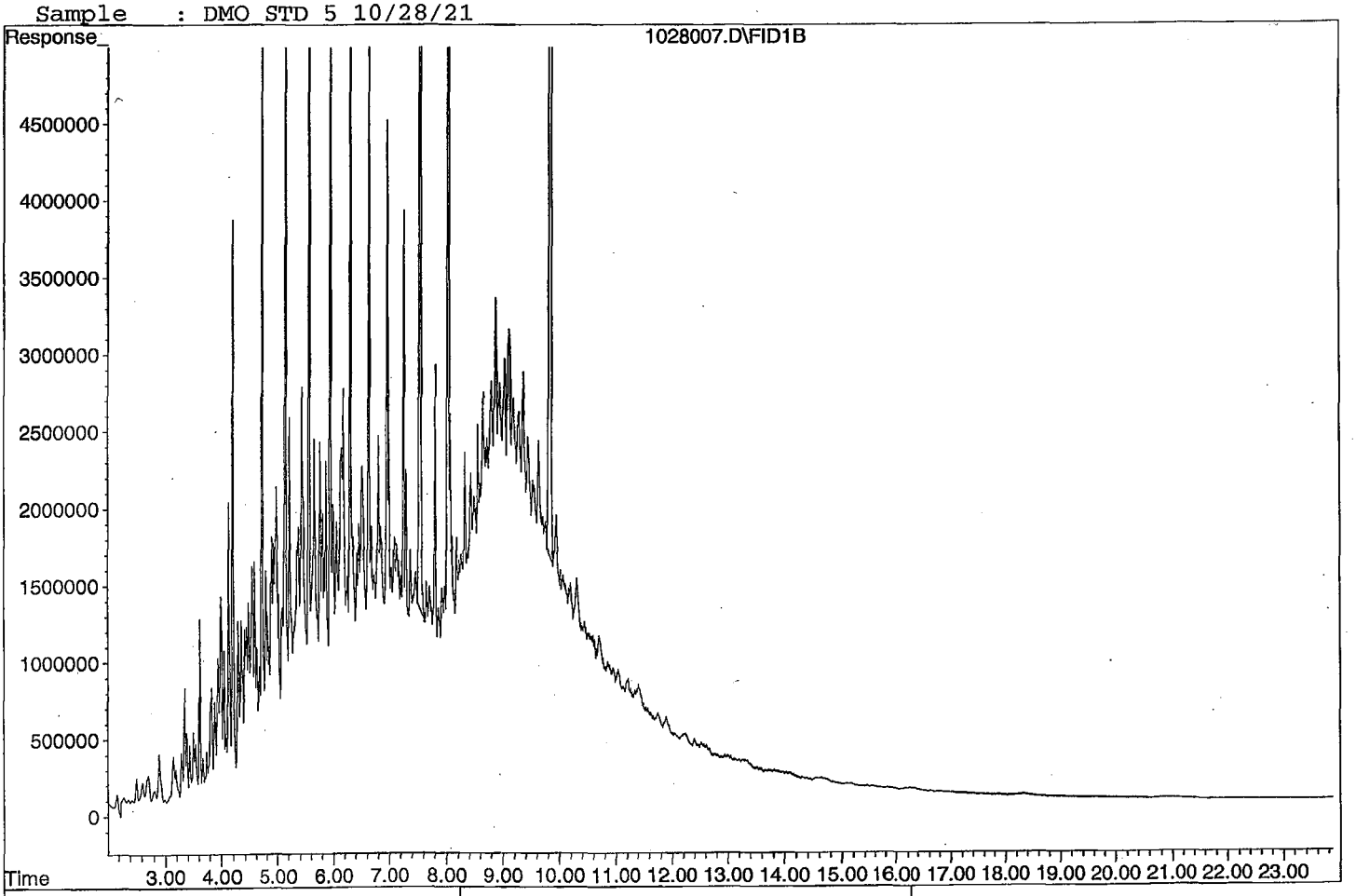
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

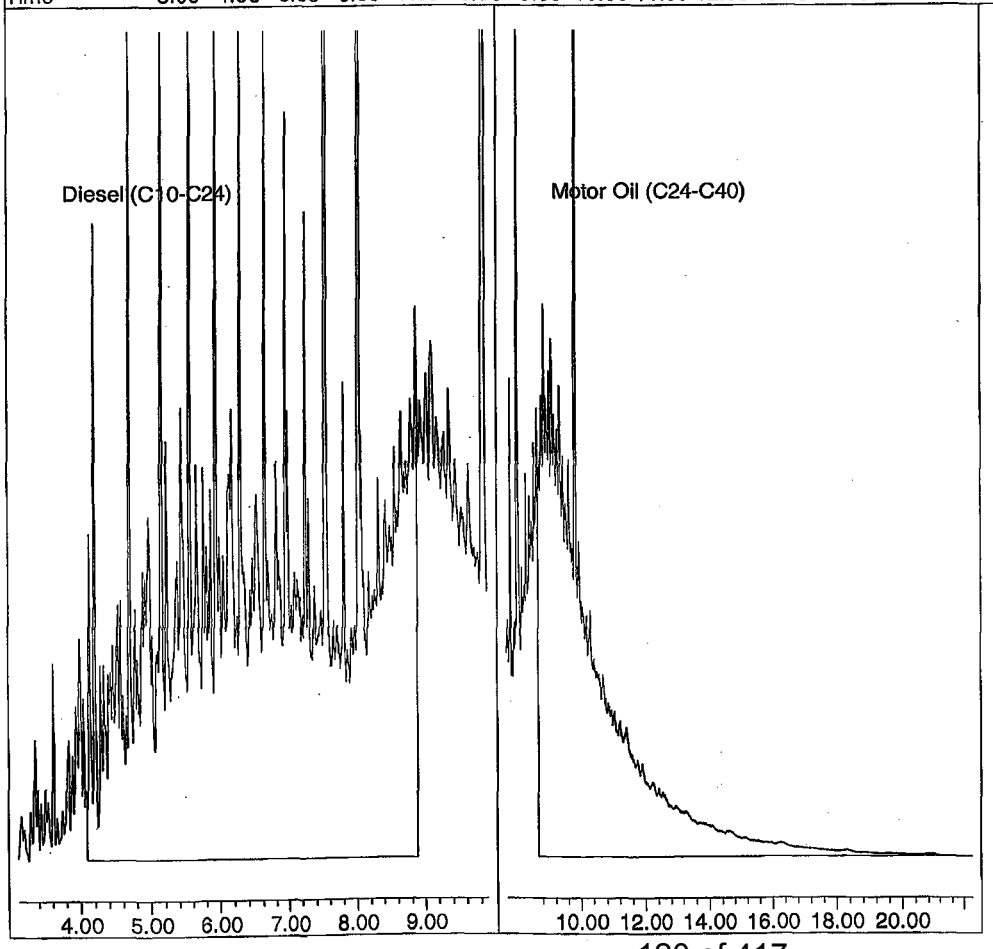
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

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

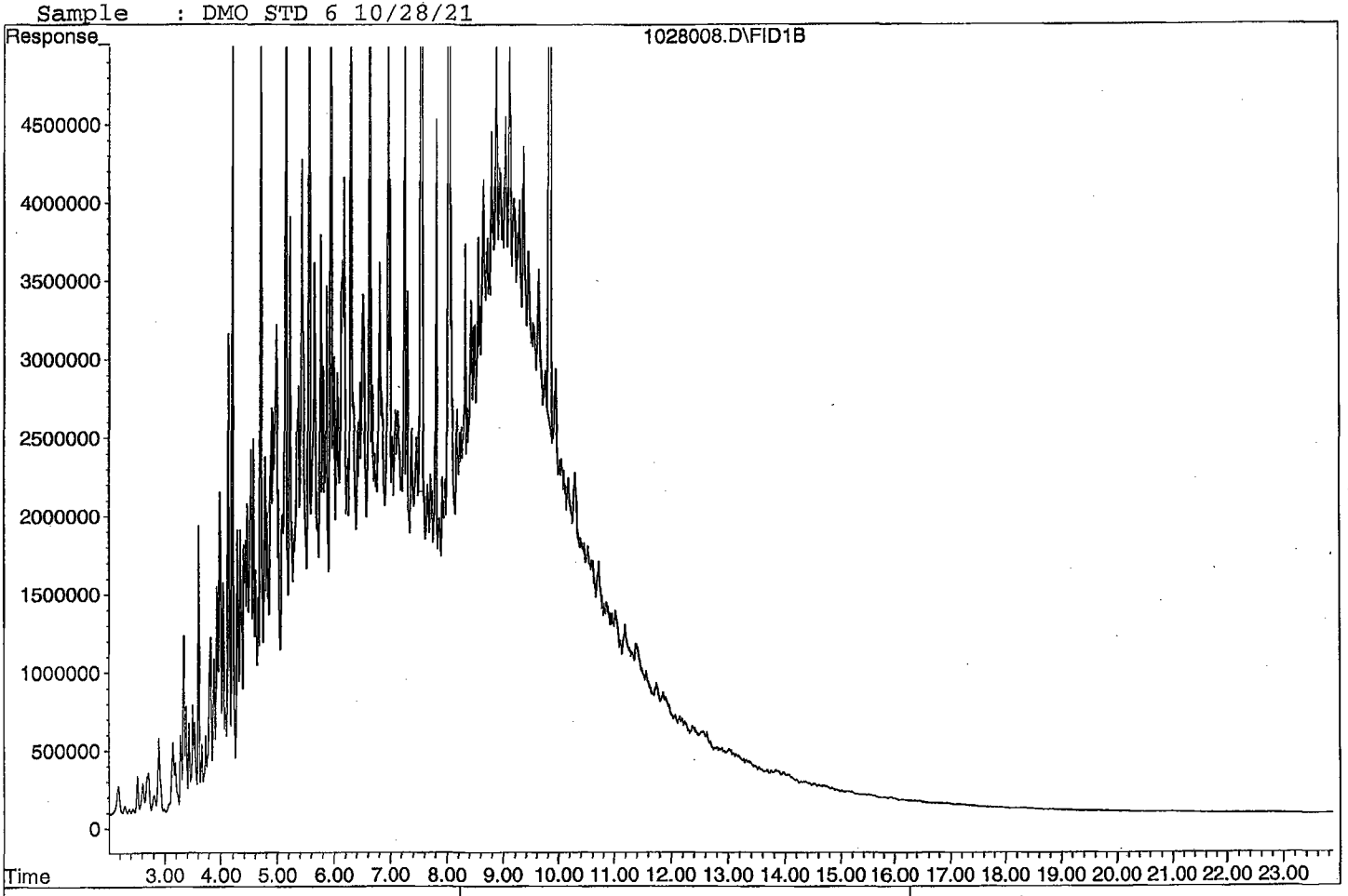
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

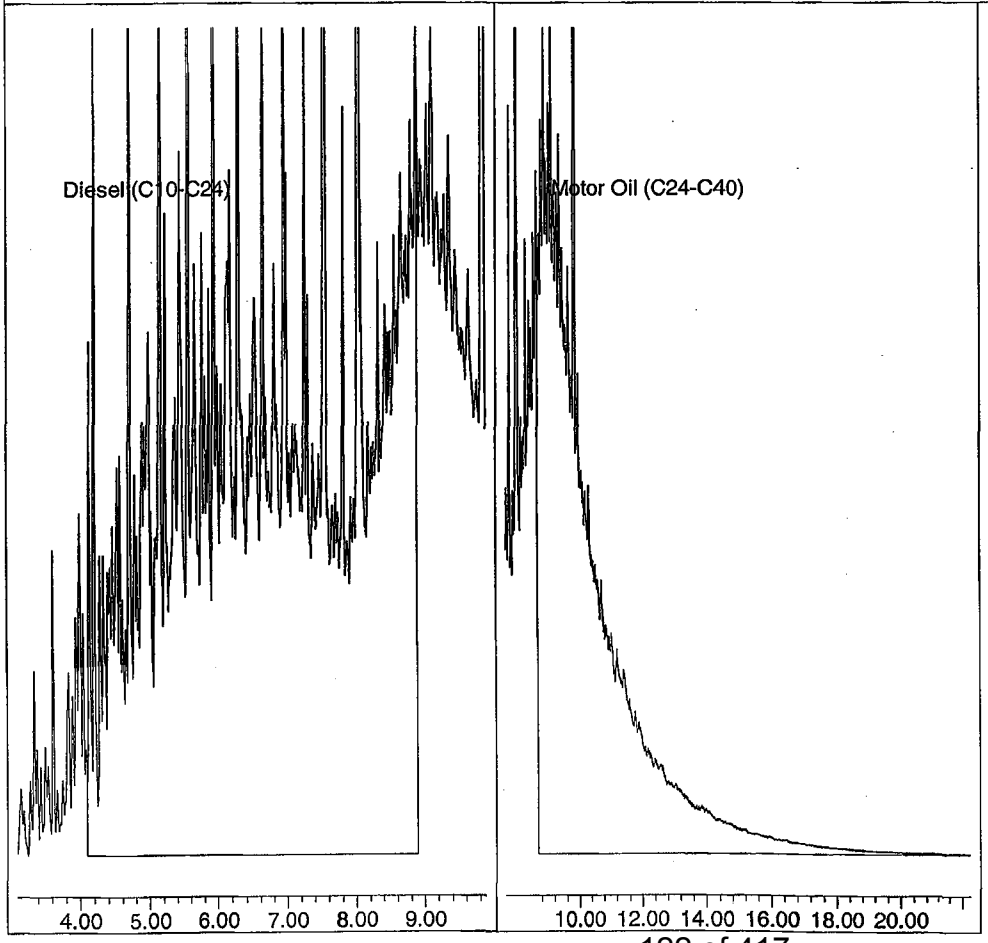
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

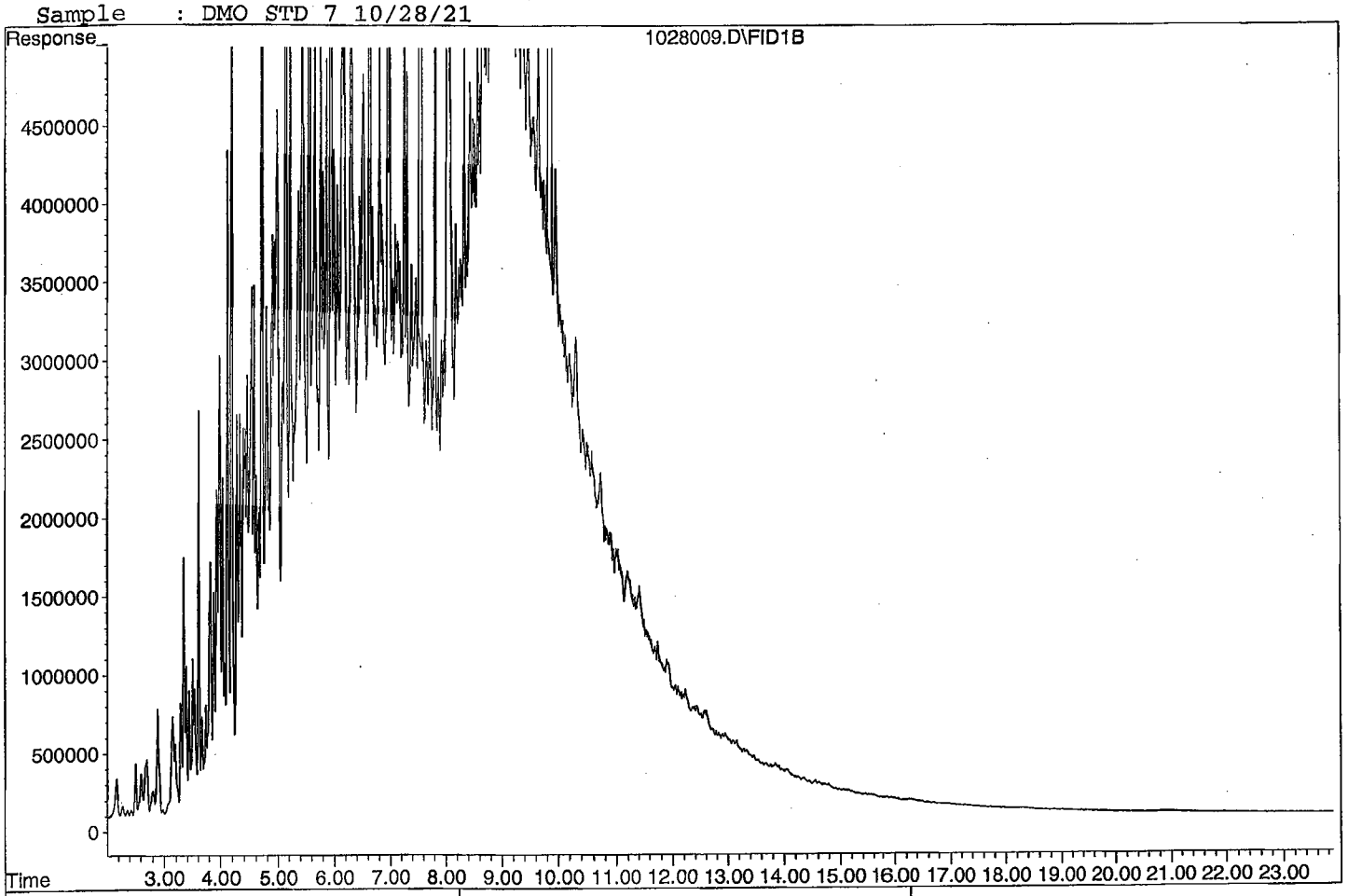
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

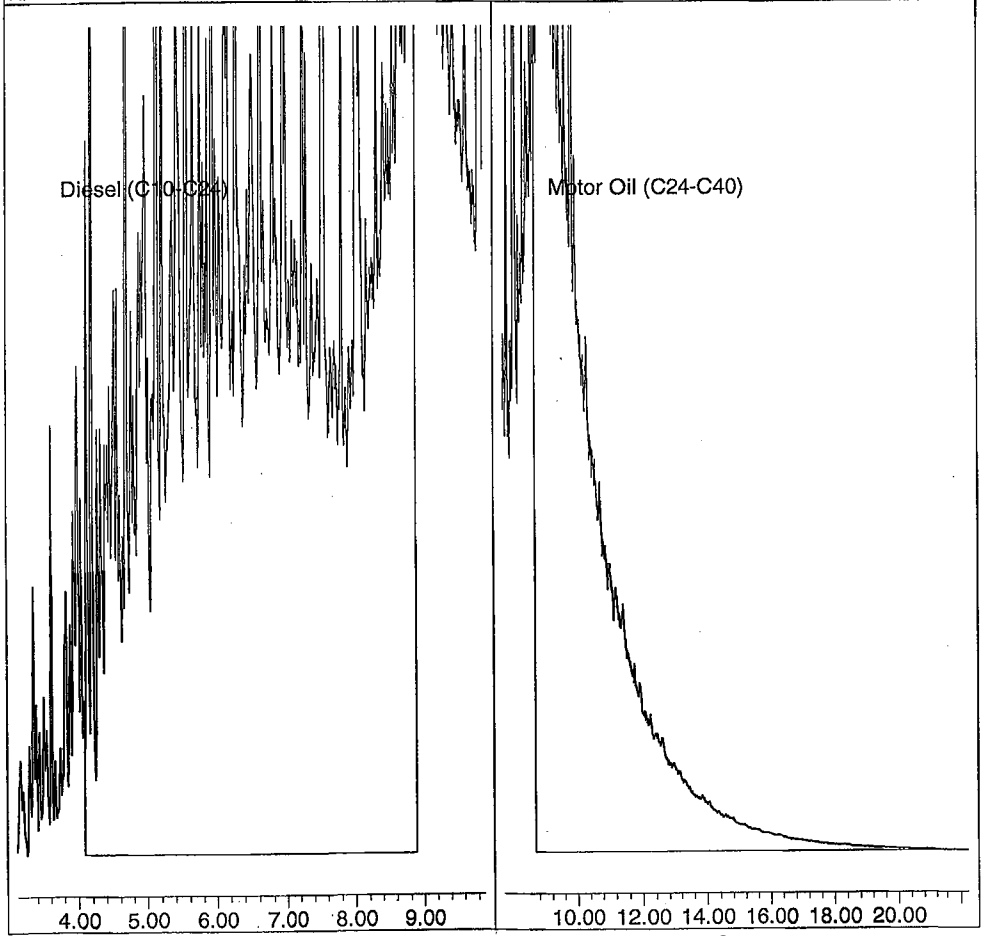
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
3) SA Ortho-Terphenyl(S)	7.54	617758709	98.762	ppb
Surrogate Spike 30.000		Recovery =	329.21%	
4) SA Octacosane(S)	9.85	457331573	101.116	ppb
Surrogate Spike 30.000		Recovery =	337.05%	
Target Compounds				
1) HATM Diesel (C10-C24)	6.49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

Target Compounds

(f)=RT Delta > 1/2 Window (m)=manual int.
1028009.D DOC1028.M Thu Oct 28 15:42:40 2021 Page 1

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							
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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

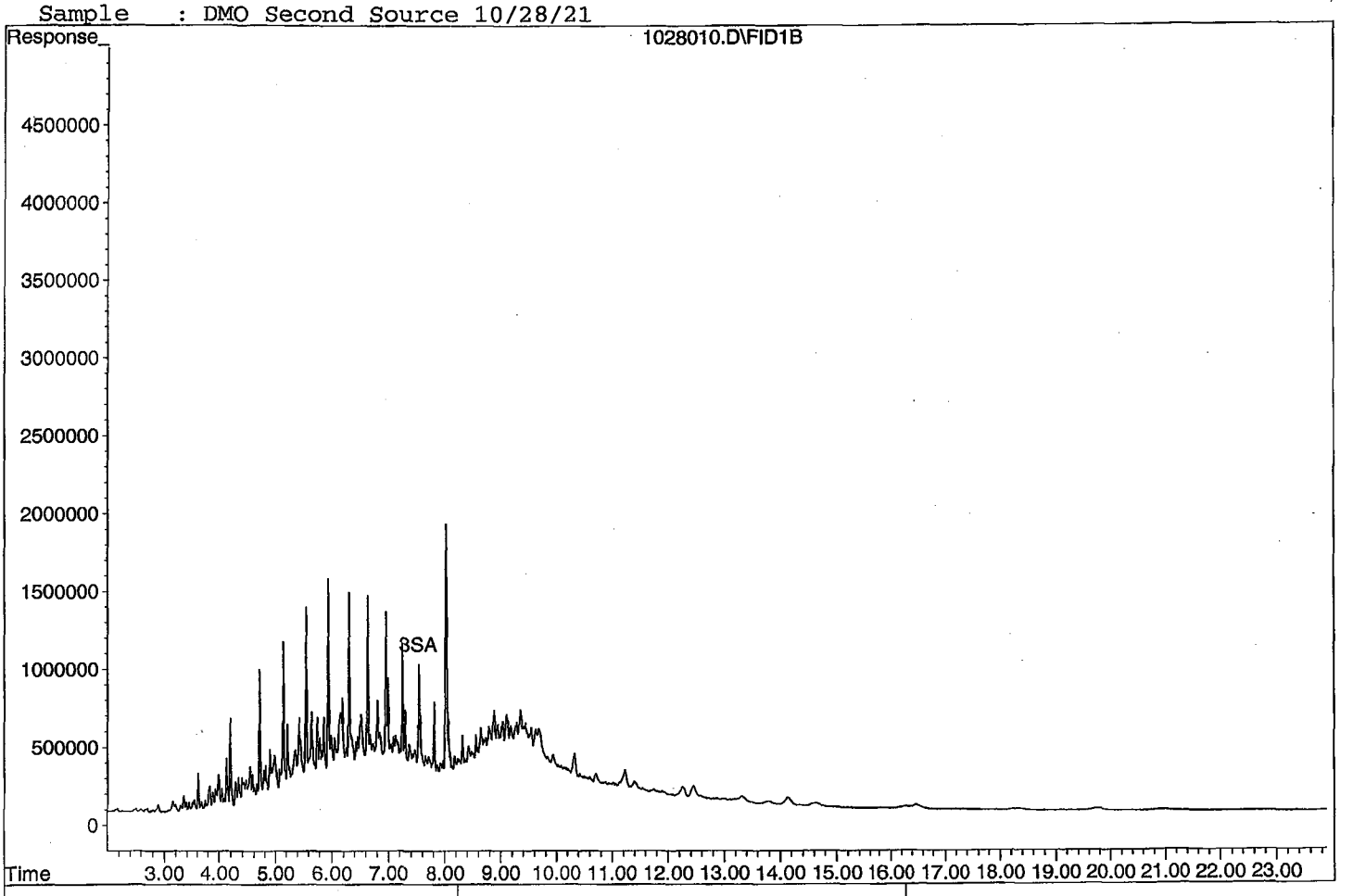
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

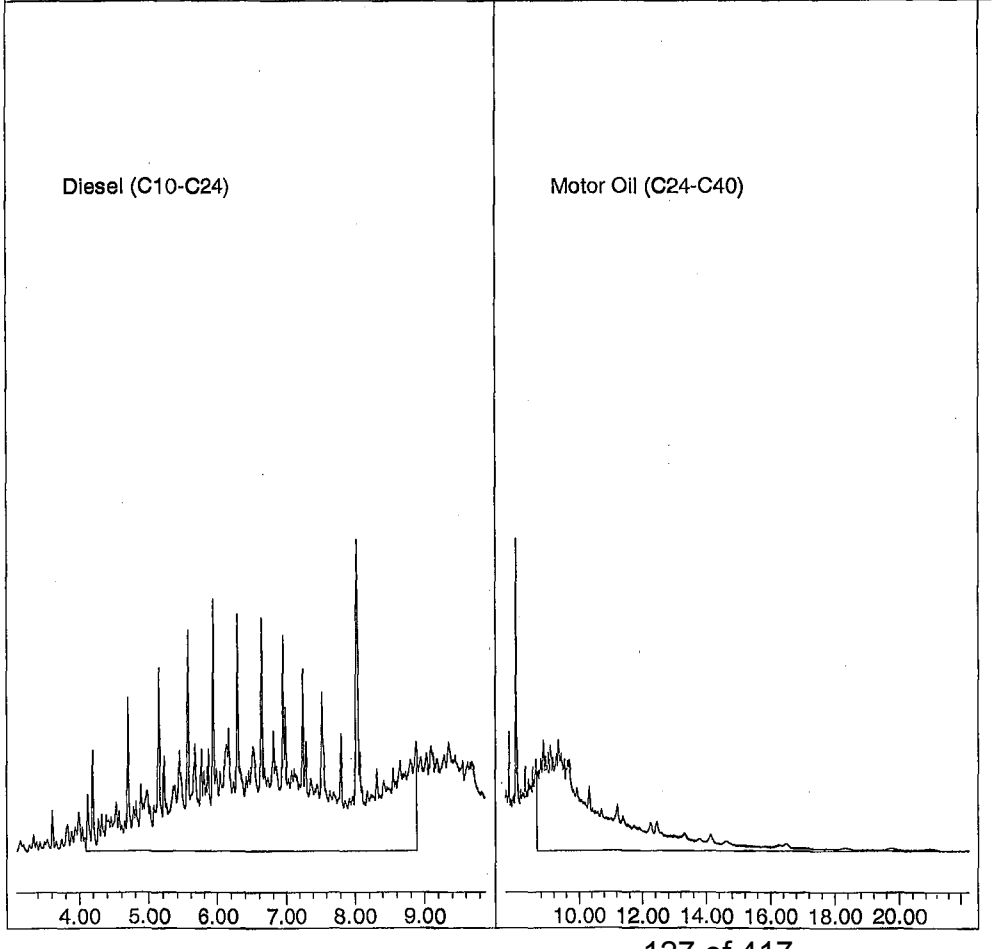
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

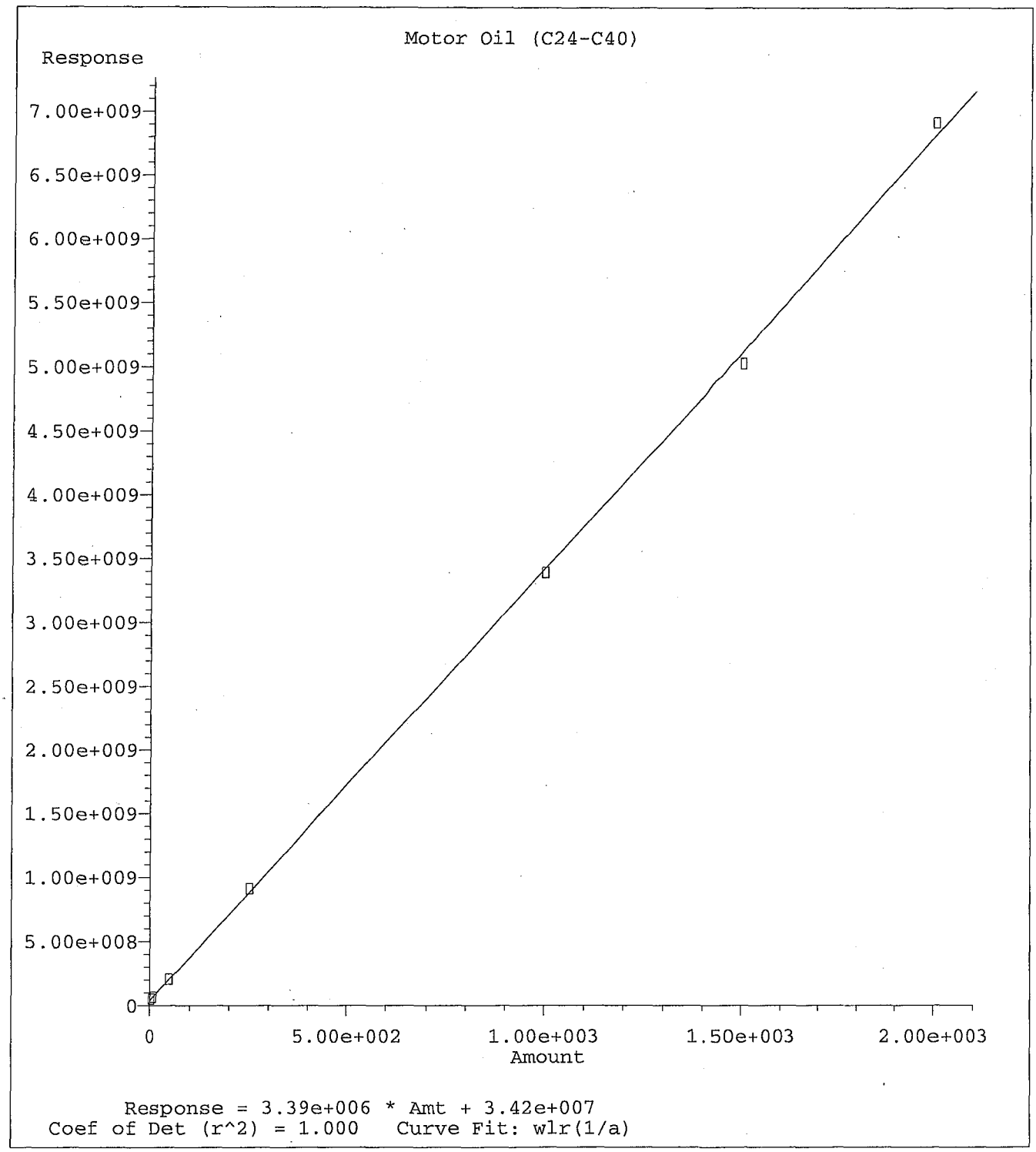
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	4250105	0.679 ppb
Surrogate Spike 30.000	Recovery	=	2.26%
4) SA Octacosane(S)	9.83	-3553	N.D. ppb
Surrogate Spike 30.000	Recovery	=	0.00%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1133202337	225.139 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
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		*
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0.562142

Quantitation Report (Not Reviewed)

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

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

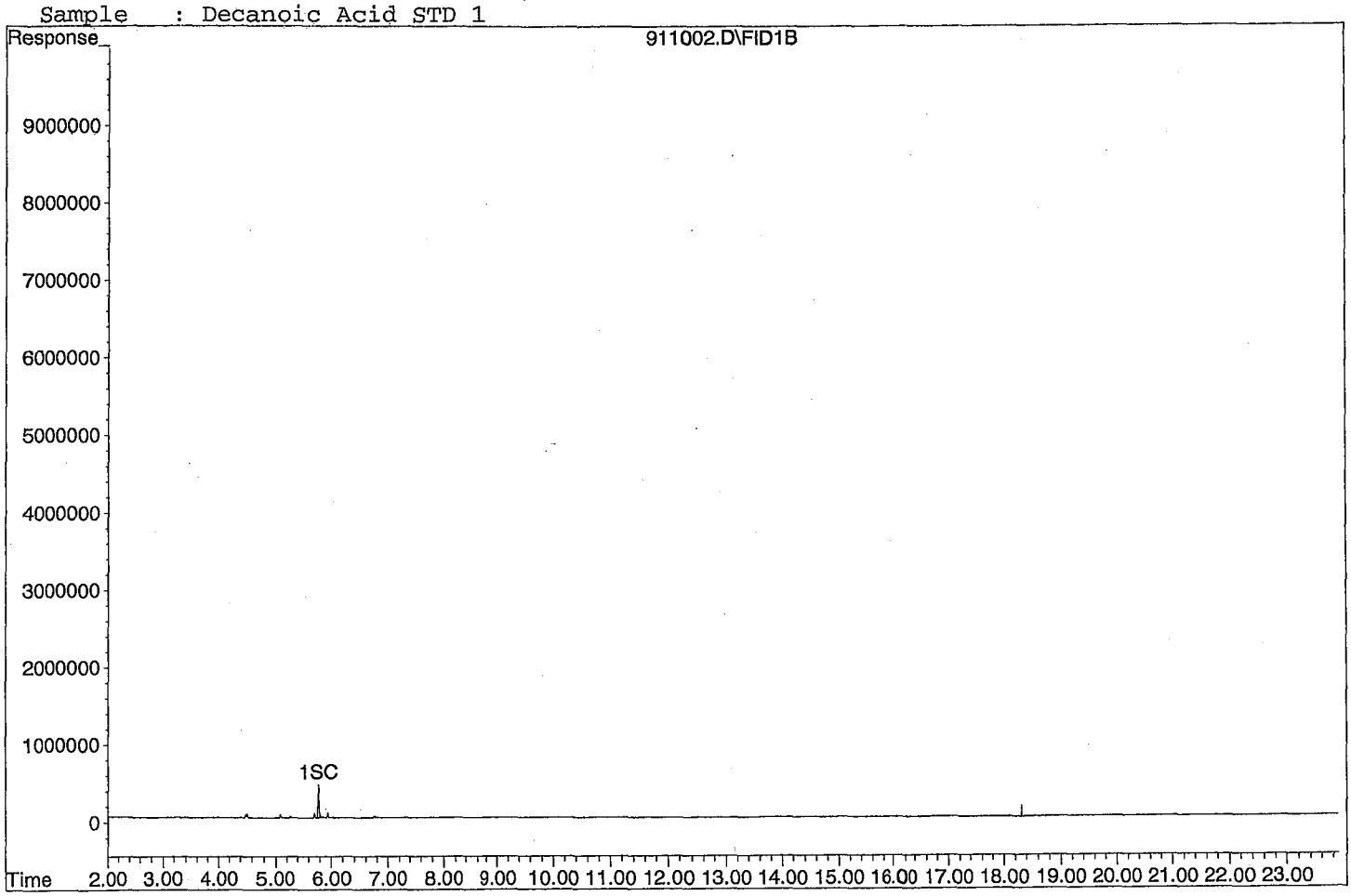
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

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

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

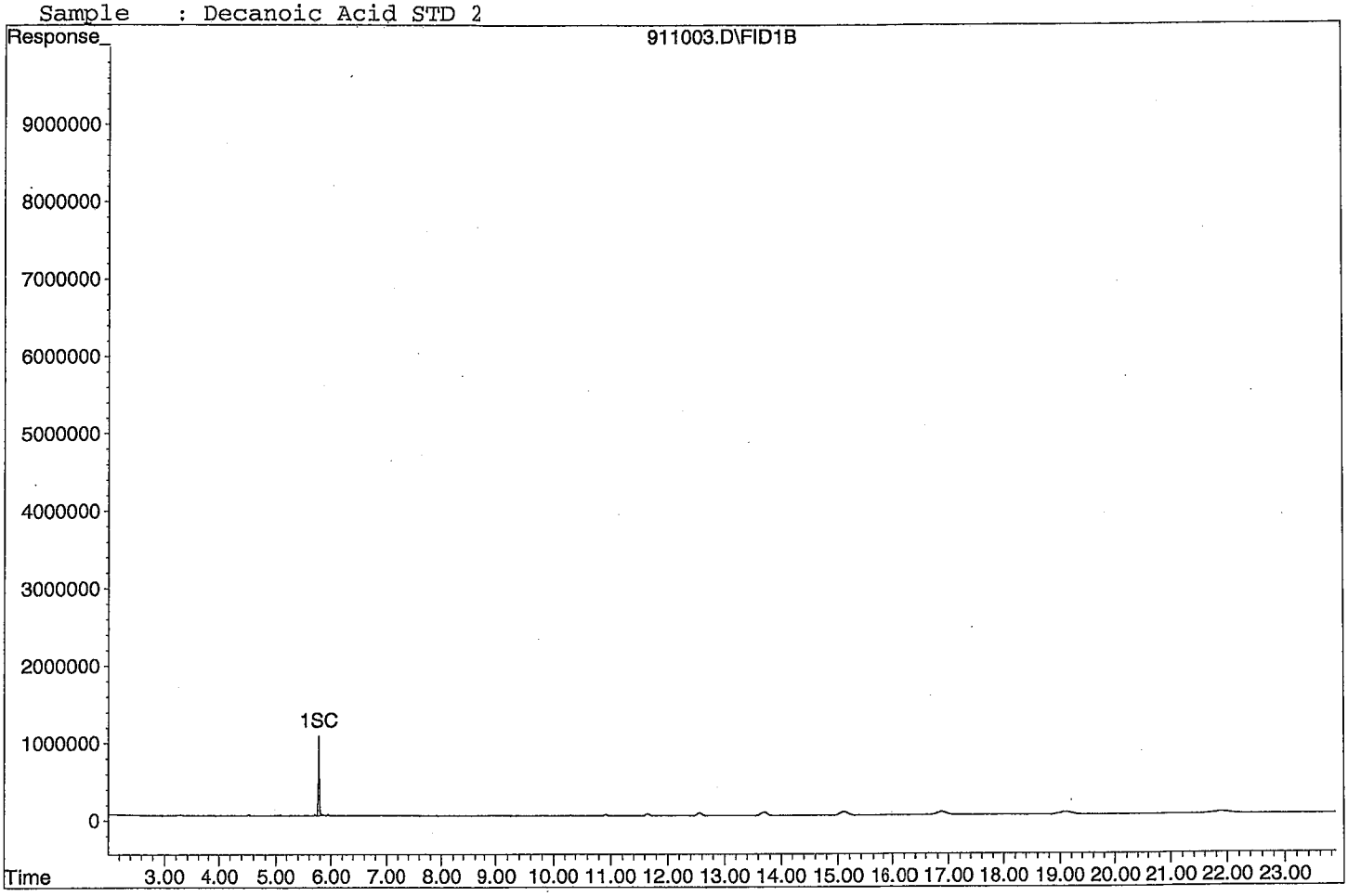
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

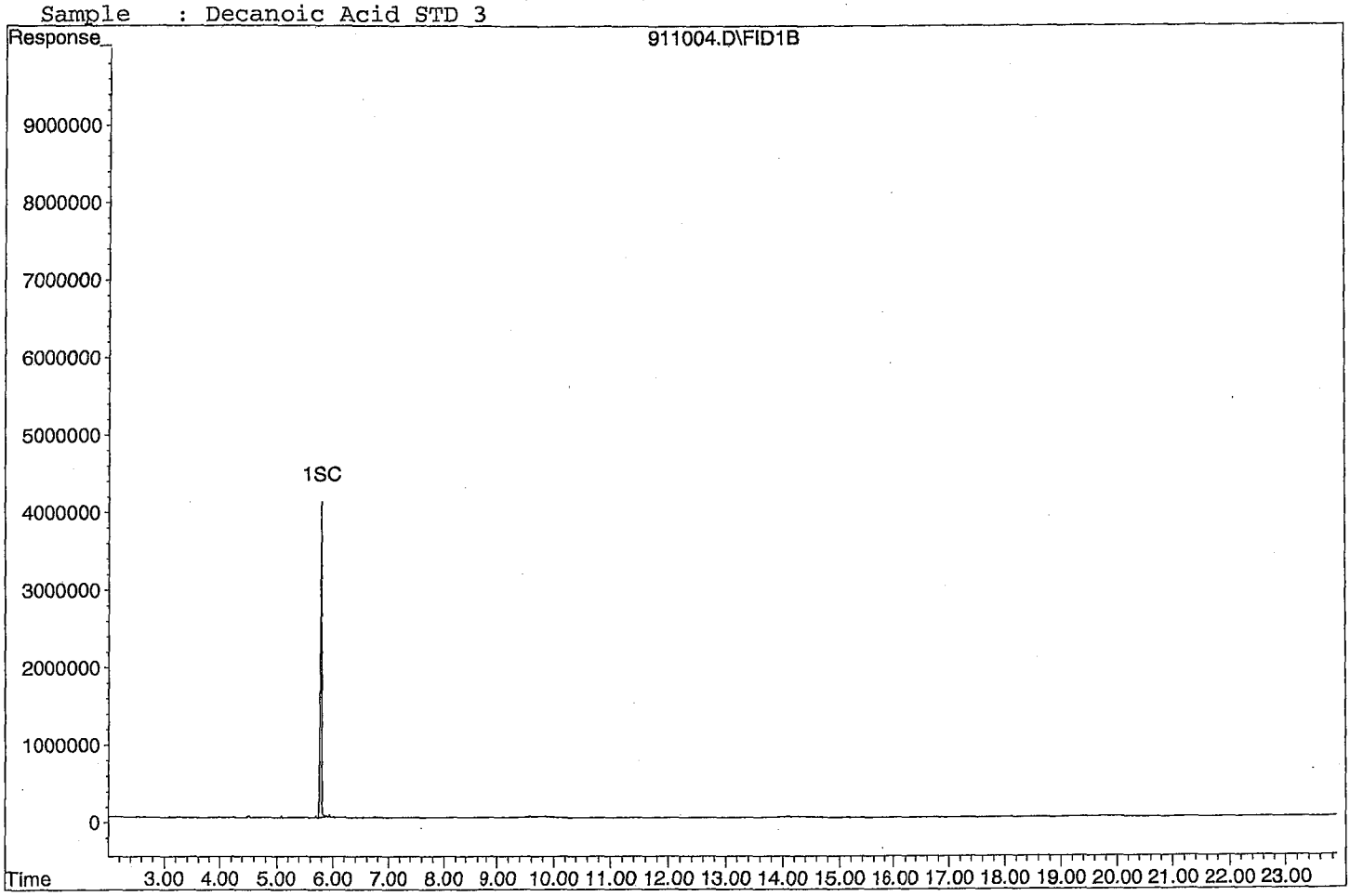
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

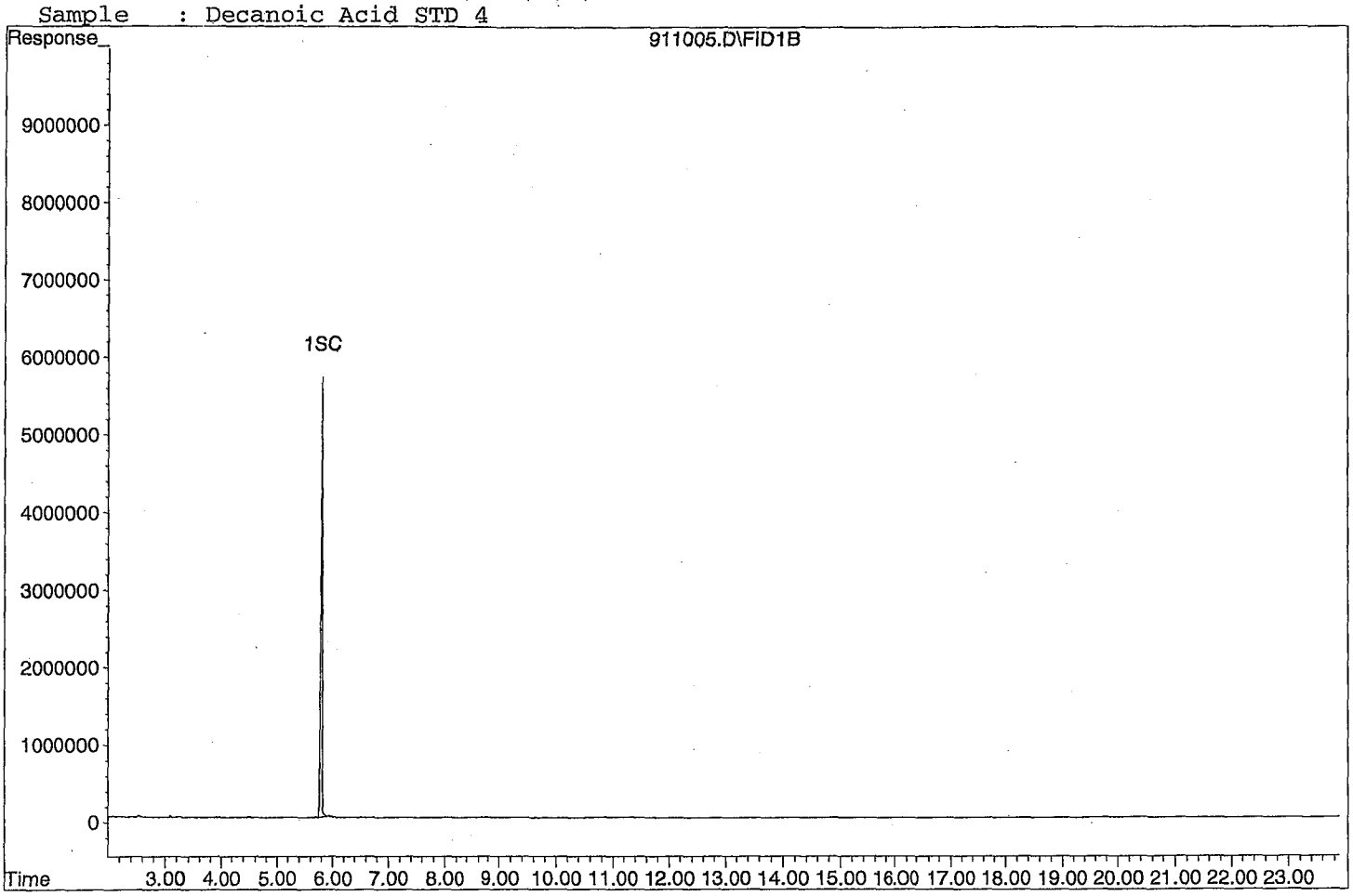
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

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

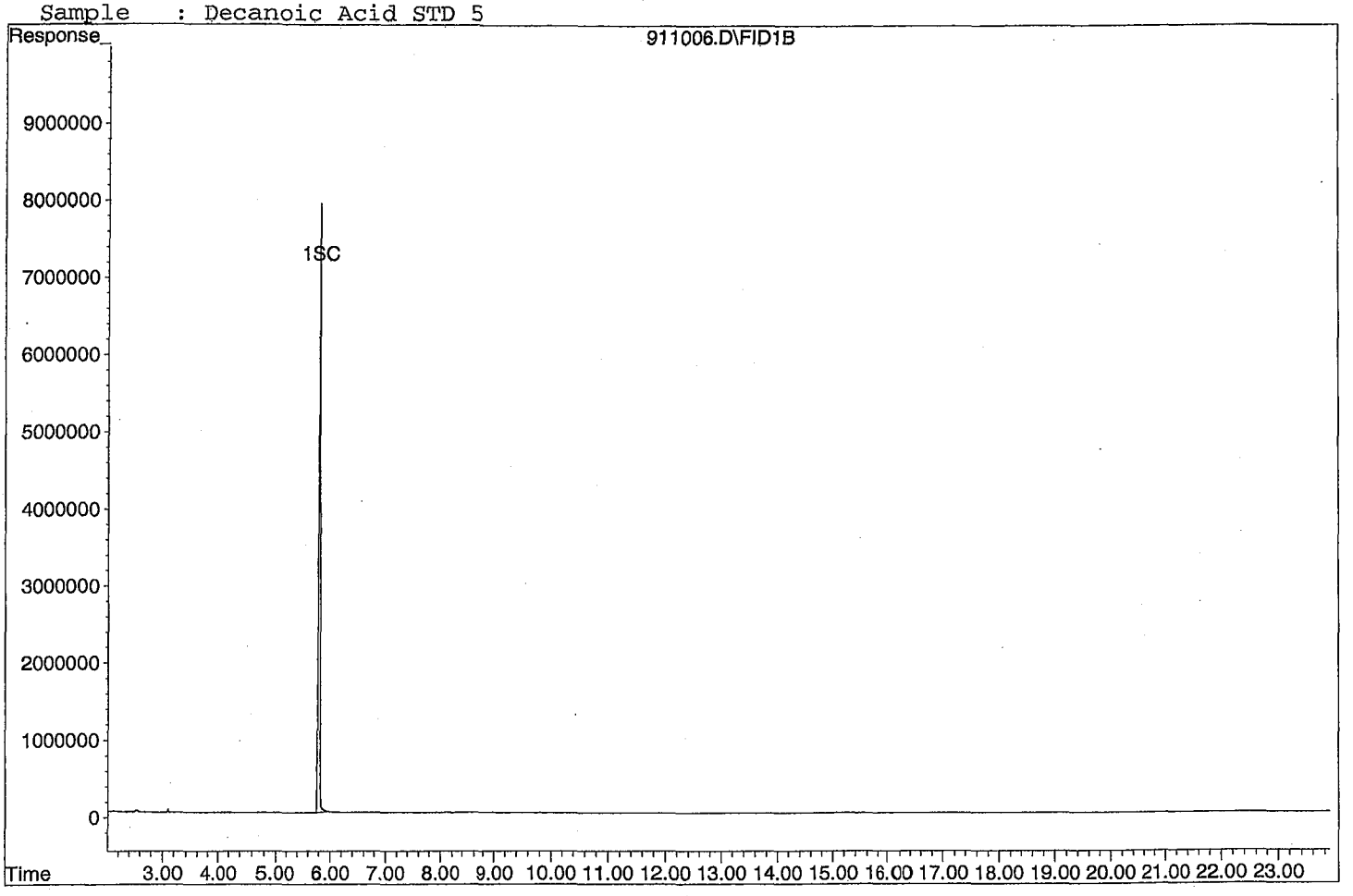
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

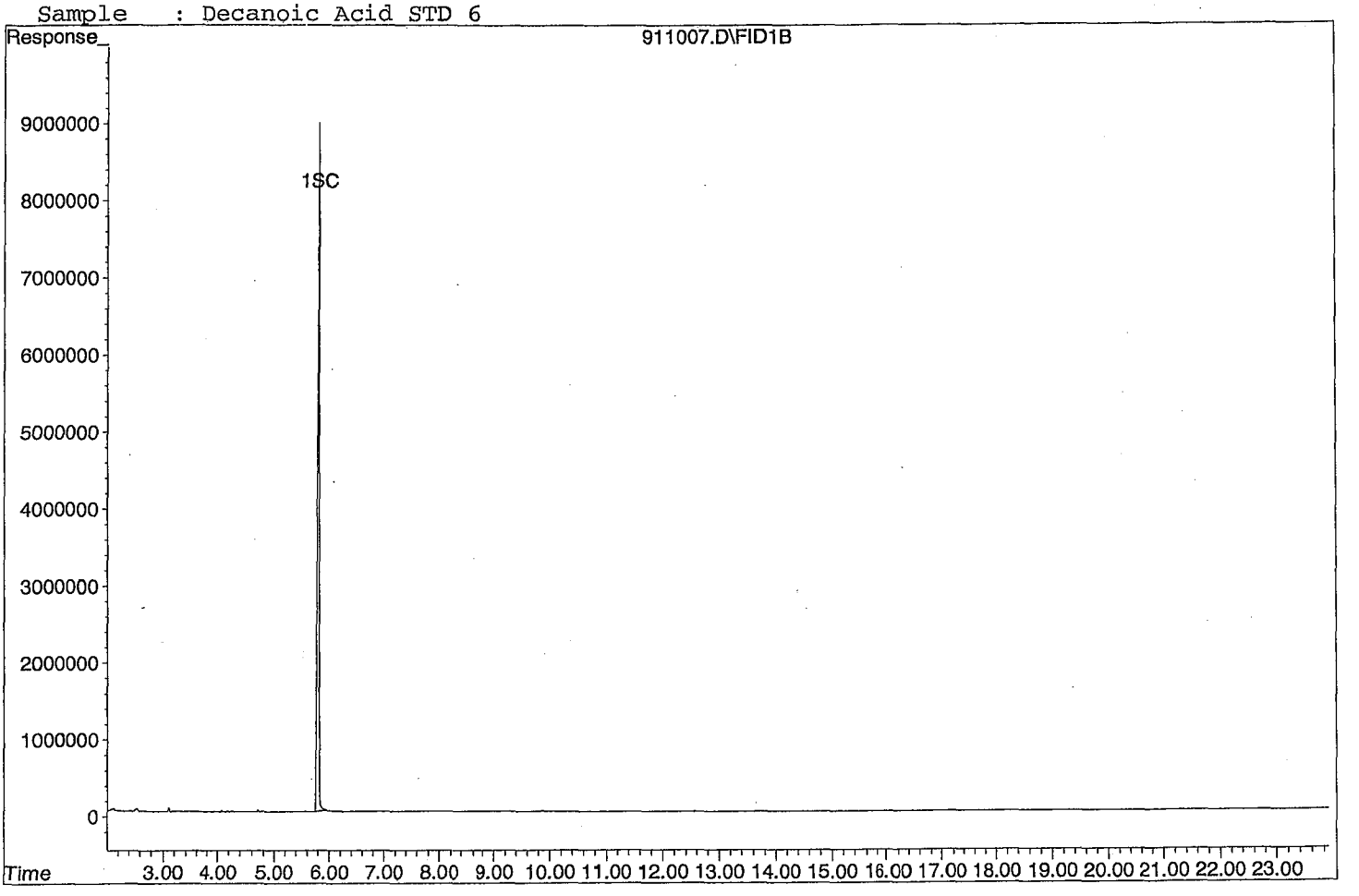
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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: 11/10/2021
Instrument: Apollo
Initial Cal. Date: 10/28/2021
Data File: 1110018.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2516670	2350820	6.6	HATM	
2	HBTM	Motor Oil (C24-C40)	2492040	1717840	31	HBTML	2.7
3	SA	Ortho-Terphenyl(S)	3127510	2917680	6.7	SA	
4	SA	Octacosane(S)	2261430	2118440	6.3	SA	
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37							
38							
39							
40							
		Average			12.7		

Quantitation Report (Not Reviewed)

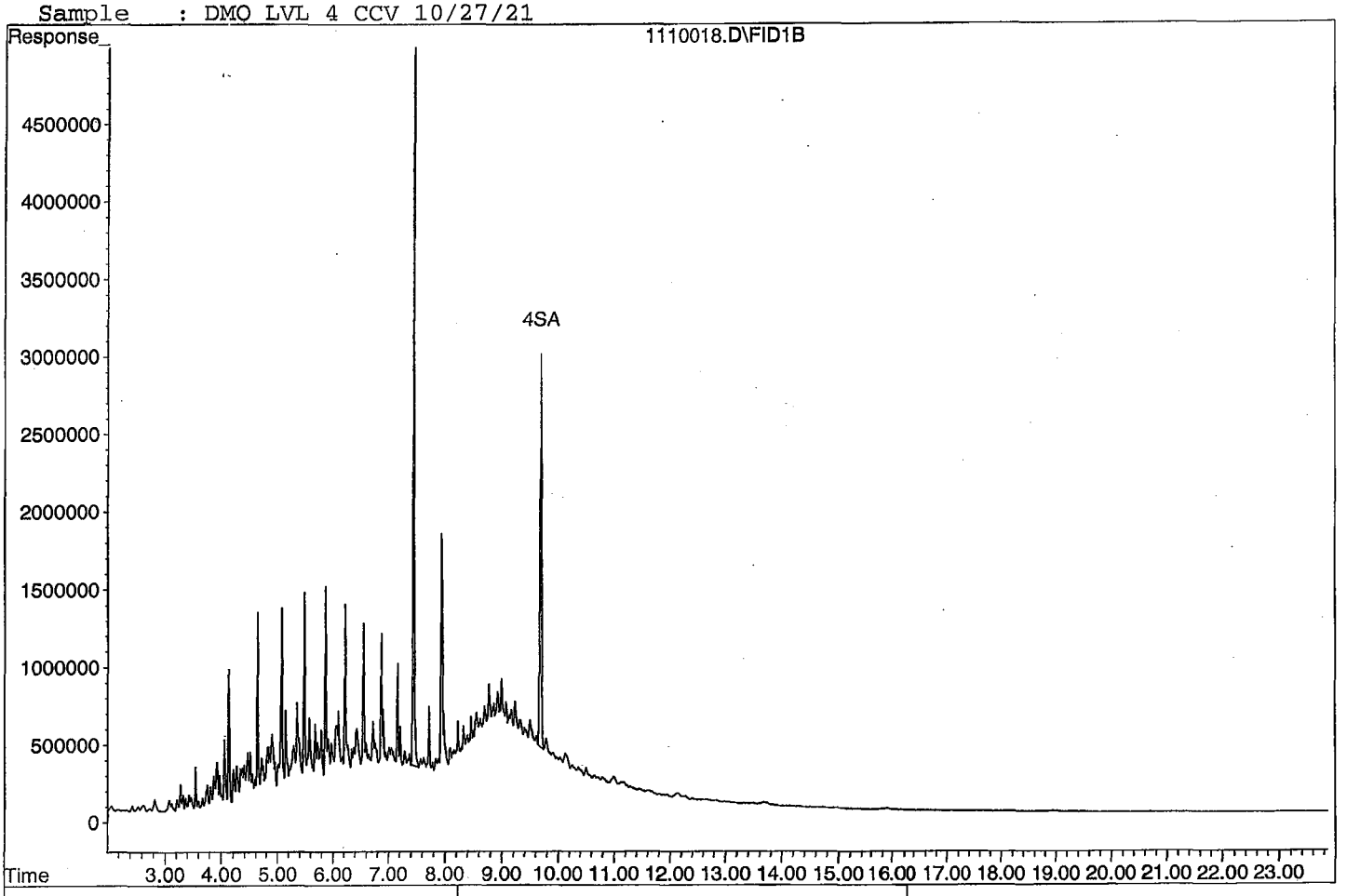
Data File : G:\APOLLO\DATA\211110\1110018.D Vial: 18
Acq On : 11-10-21 18:20:23 Operator: KA
Sample : DMO LVL 4 CCV 10/27/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 11 8:39 2021 Quant Results File: DOC1028.RES

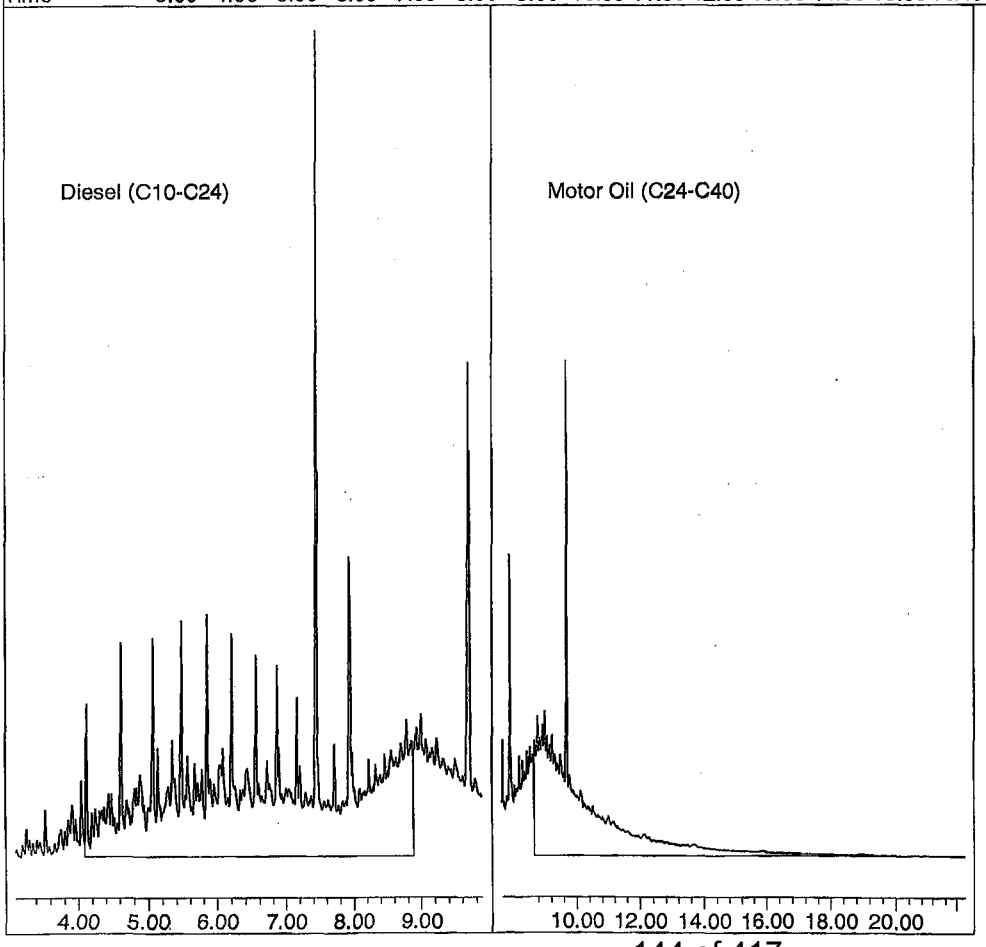
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 12 17:55:30 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.44	72942089	11.661 ppb
Surrogate Spike 30.000	Recovery =		38.87%
4) SA Octacosane(S)	9.69	52961118	11.710 ppb
Surrogate Spike 30.000	Recovery =		39.03%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1175410238	233.525 ppb
2) HBTM Motor Oil (C24-C40)	14.96	858918994	243.156 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\211110\1110018.D
Sample : DMO LVL 4 CCV 10/27/21





TPH Extractables
DEC0911

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 11/10/2021
Instrument: Apollo
Initial Cal. Date: 9/11/2021
Data File: 1110019.D

		Compound	MEAN	CCRF	%D	%Drift	
1	SC	Decanoic Acid(S)	1283070	1234300	3.8	SC	
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40							
		Average			3.8		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211110\1110019.D Vial: 19
Acq On : 11-10-21 18:48:25 Operator: KA
Sample : Decanoic Acid CCV 11/05/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 11 8:38 2021 Quant Results File: DEC0911.RES

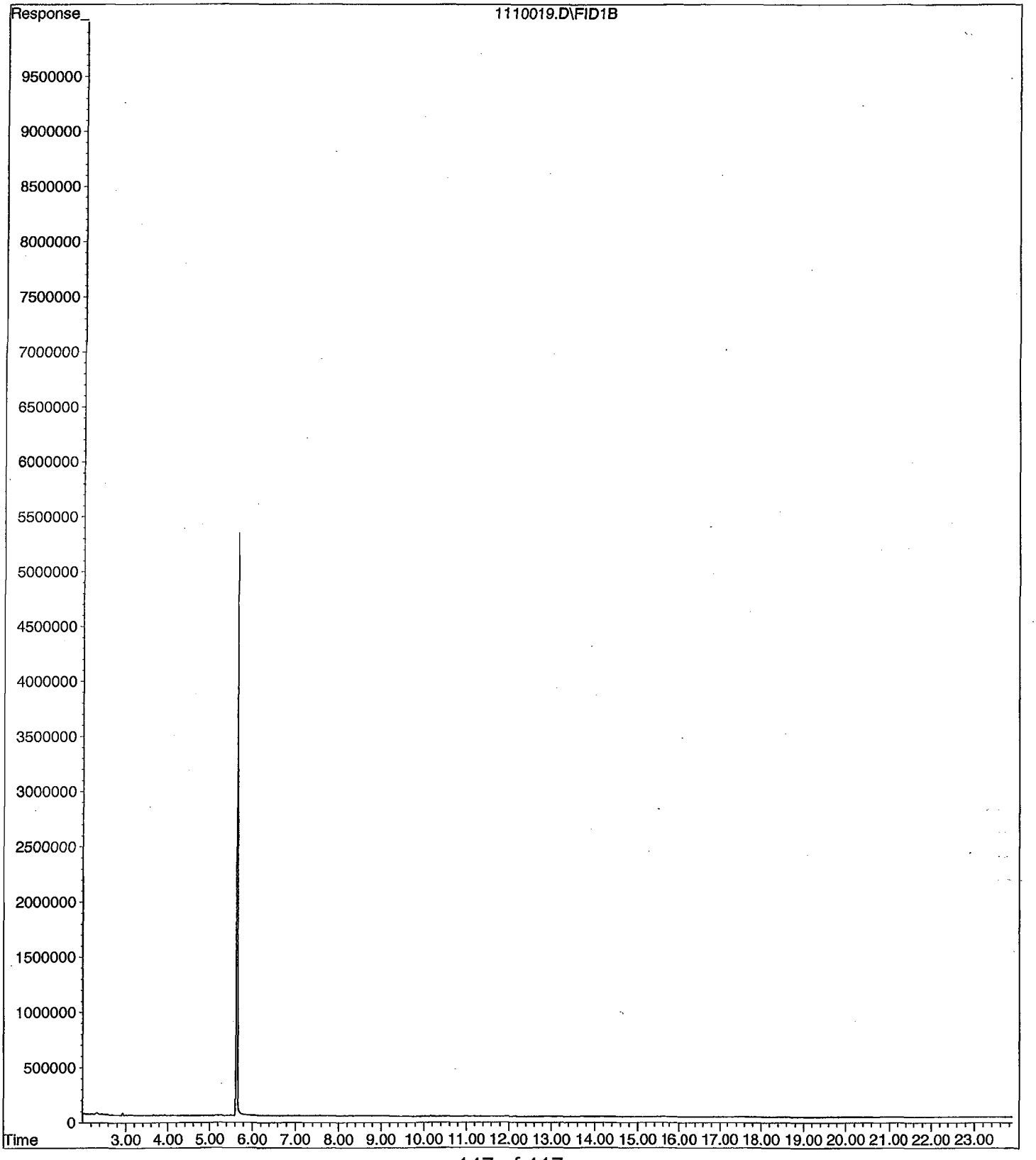
Method : G:\APOLLO\DATA\210911\DEC0911.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 05 10:50:06 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) SC Decanoic Acid(S)	5.65	88869385	34.632 ppb
Surrogate Spike 24.000		Recovery =	144.30%
Target Compounds			
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.
1110019.D DEC0911.M Sat Nov 13 15:36:52 2021 Page 1

File : G:\APOLLO\DATA\211110\1110019.D
Operator : KA
Acquired : 11-10-21 18:48:25 using AcqMethod TPHSN.M
Instrument : Apollo
Sample Name: Decanoic Acid CCV 11/05/21
Misc Info : water
Vial Number: 19



TPH Extractables
DOC1028

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 11/11/2021
Instrument: Apollo
Initial Cal. Date: 10/28/2021
Data File: 1110031.D

		Compound	MEAN	CCRF	%D		%Drift
1	HATM	Diesel (C10-C24)	2516670	2598370	3.2	HATM	
2	HBTM	Motor Oil (C24-C40)	2492040	1901950	24	HBTML	8.1
3	SA	Ortho-Terphenyl(S)	3127510	3109130	0.59	SA	
4	SA	Octacosane(S)	2261430	2312170	2.2	SA	
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40							
		Average			7.5		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211110\1110031.D Vial: 31
Acq On : 11-11-21 0:24:43 Operator: KA
Sample : DMO LVL 4 CCV 10/27/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 11 8:40 2021 Quant Results File: DOC1028.RES

Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 12 17:55:30 2021
Response via : Multiple Level Calibration

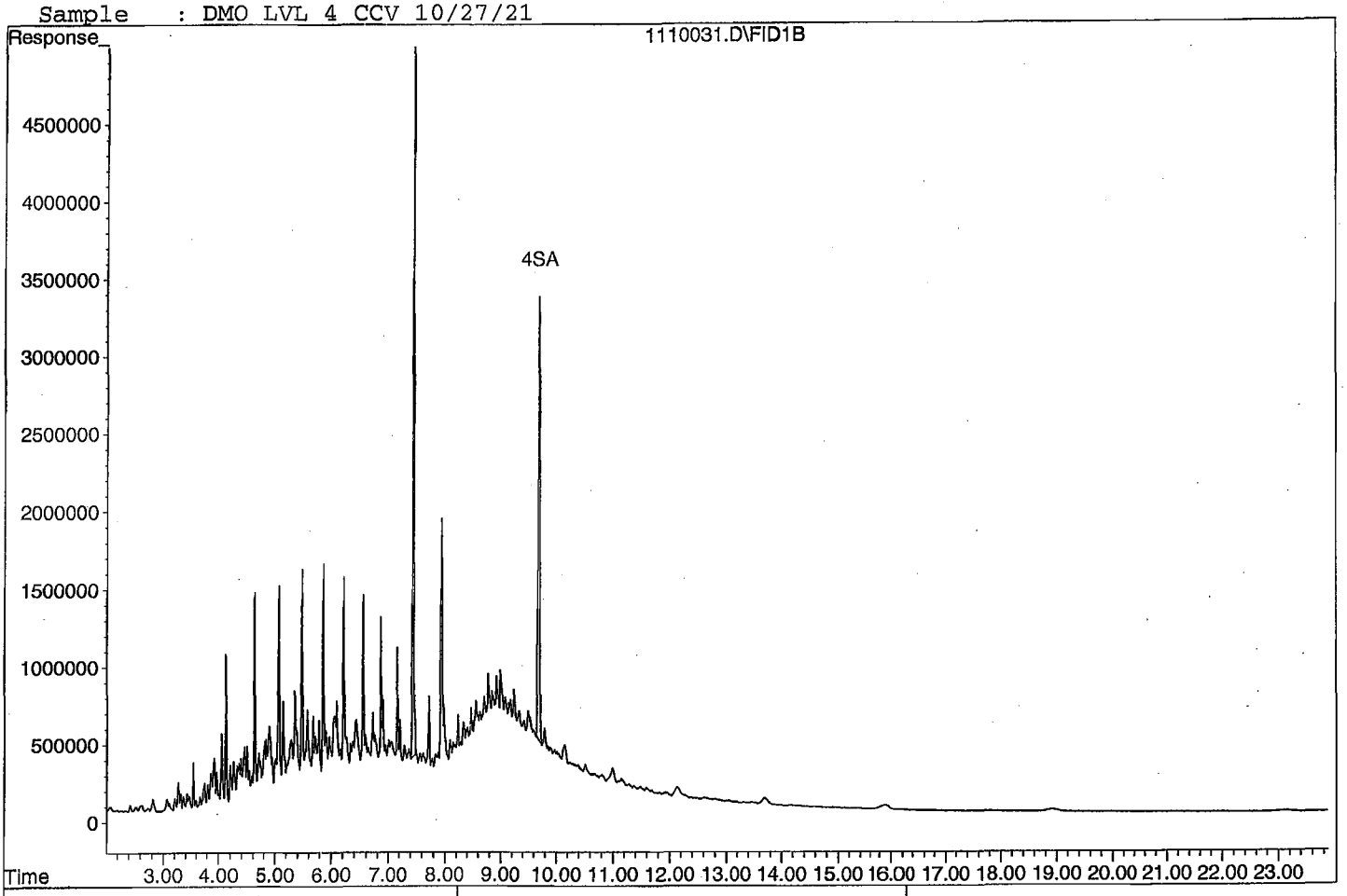
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

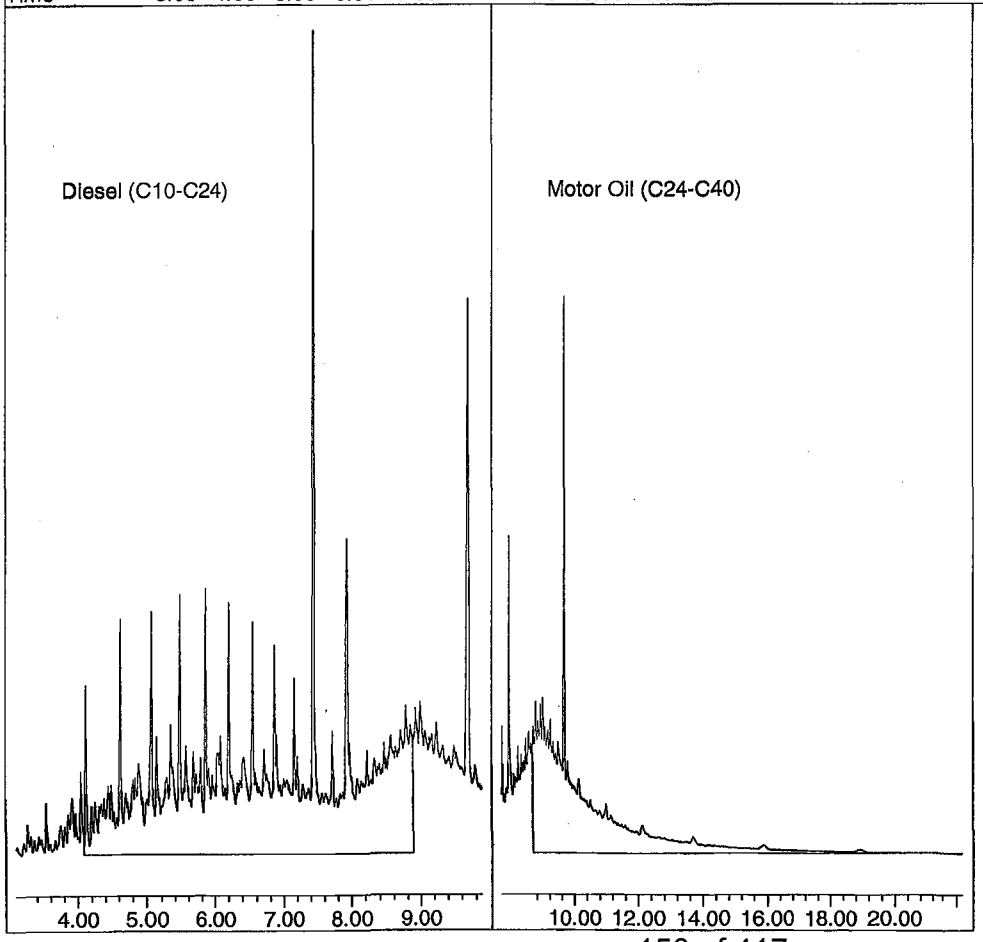
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.44	77728152	12.427 ppb
Surrogate Spike 30.000	Recovery =		41.42%
4) SA Octacosane(S)	9.68	57804364	12.781 ppb
Surrogate Spike 30.000	Recovery =		42.60%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1299185451	258.116 ppb
2) HBTM Motor Oil (C24-C40)	14.96	950974379	270.296 ppb

Target Compounds

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

Data File: G:\APOLLO\DATA\211110\1110031.D
Sample : DMO LVL 4 CCV 10/27/21





TPH Extractables
DEC0911

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 11/11/2021
Instrument: Apollo
Initial Cal. Date: 9/11/2021
Data File: 1110032.D

		Compound	MEAN	CCRF	%D	%Drift	
1	SC	Decanoic Acid(S)	1283070	1361830	6.1	SC	
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39							
40							
		Average			6.1		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211110\1110032.D Vial: 32
Acq On : 11-11-21 0:52:46 Operator: KA
Sample : Decanoic Acid CCV 11/05/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 11 8:40 2021 Quant Results File: DEC0911.RES

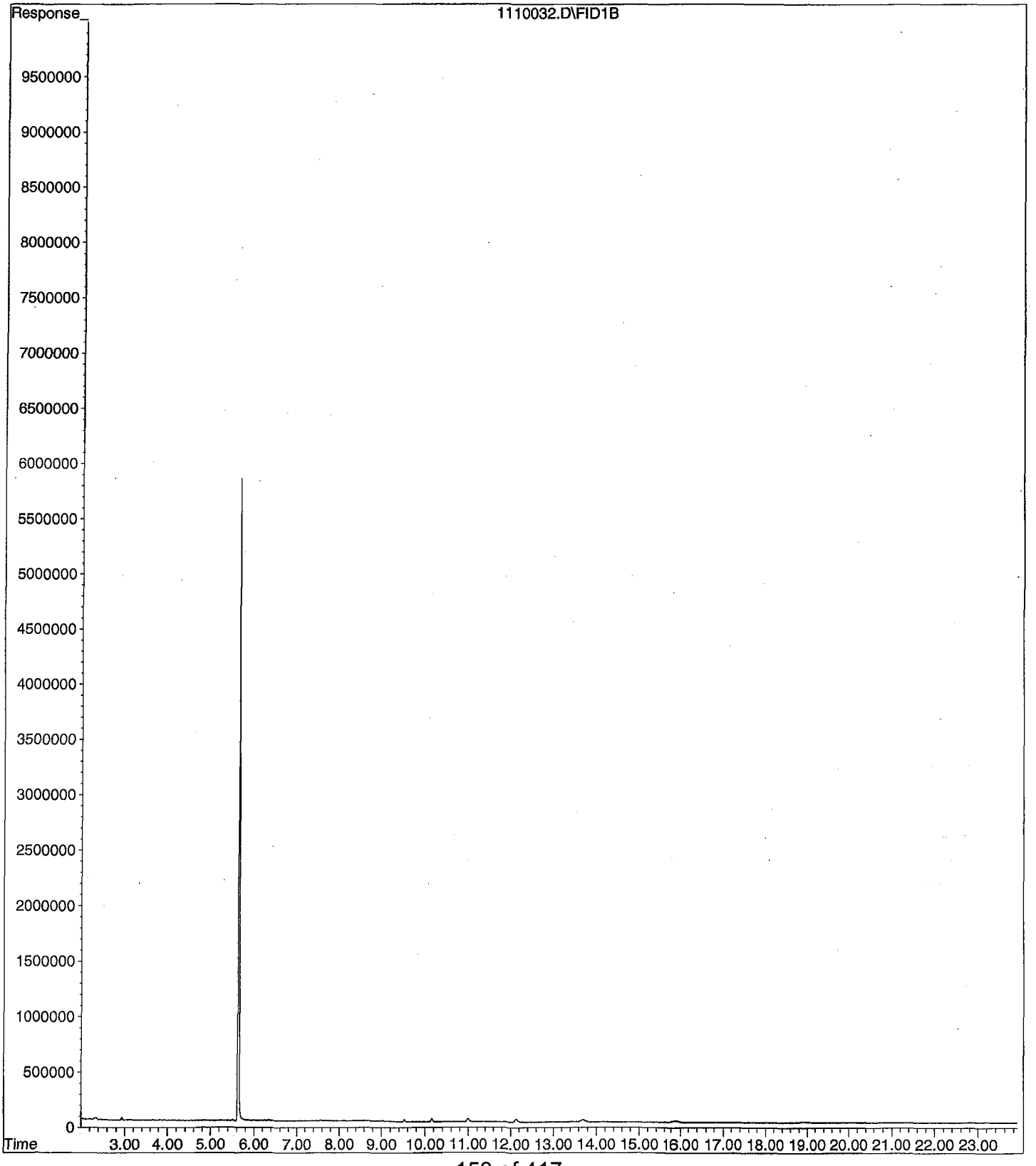
Method : G:\APOLLO\DATA\210911\DEC0911.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 05 10:50:06 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) SC Decanoic Acid(S)	5.65	98051620	38.210 ppb
Surrogate Spike 24.000	Recovery	=	159.21%
Target Compounds			
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.
1110032.D DEC0911.M Sat Nov 13 15:36:53 2021 Page 1

File : G:\APOLLO\DATA\211110\1110032.D
Operator : KA
Acquired : 11-11-21 0:52:46 using AcqMethod TPHSN.M
Instrument : Apollo
Sample Name: Decanoic Acid CCV 11/05/21
Misc Info : water
Vial Number: 32



ORGANICS
Raw Data

Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211110\1110026.D Vial: 26
Acq On : 11-10-21 22:04:44 Operator: KA
Sample : BA45105W09 5/1050 SG Inst : Apollo
Misc : water Multiplr: 4.76
IntFile : events.e
Quant Time: Nov 13 15:31 2021 Quant Results File: DOC1028.RES

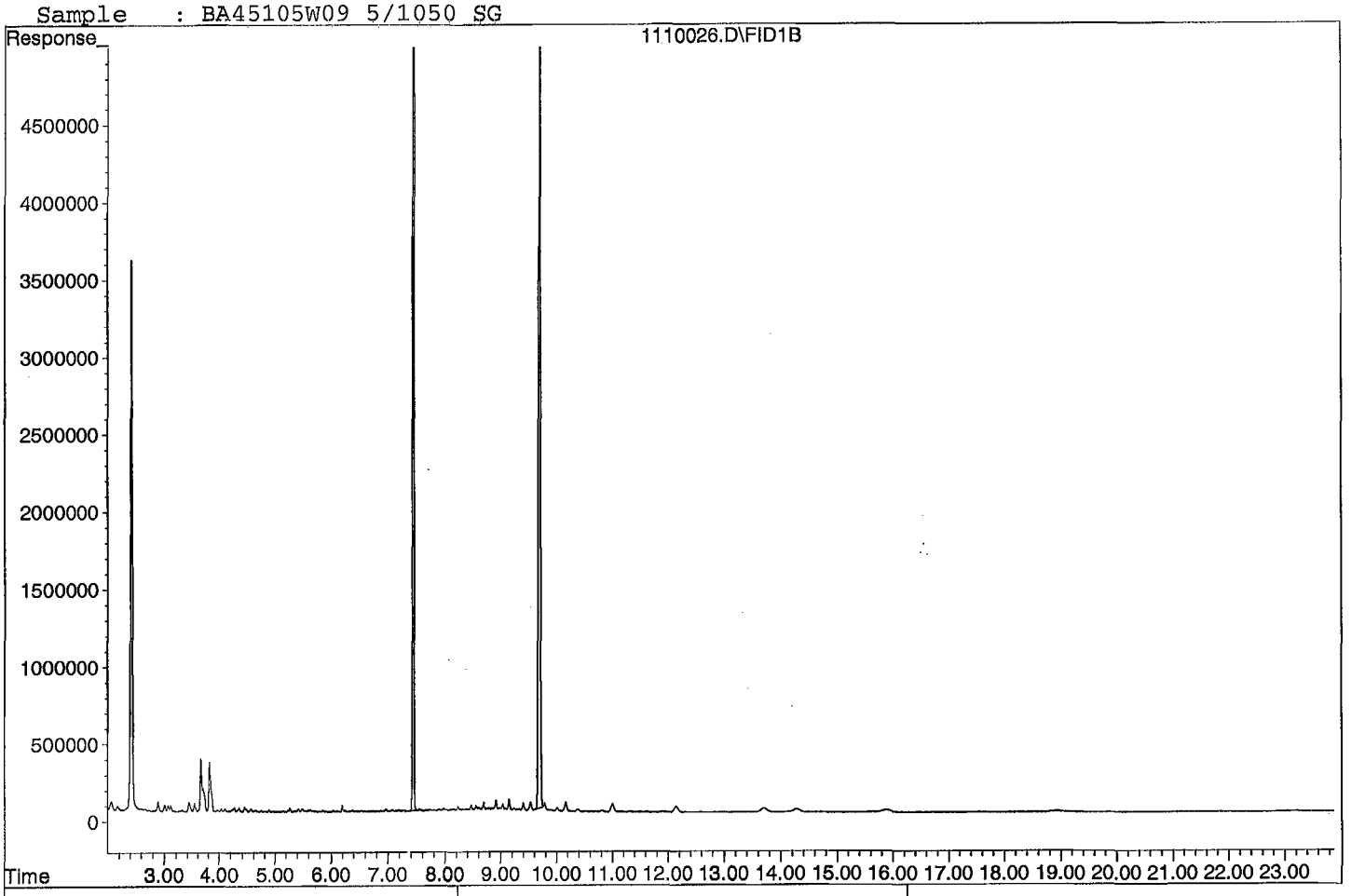
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 12 17:55:30 2021
Response via : Multiple Level Calibration

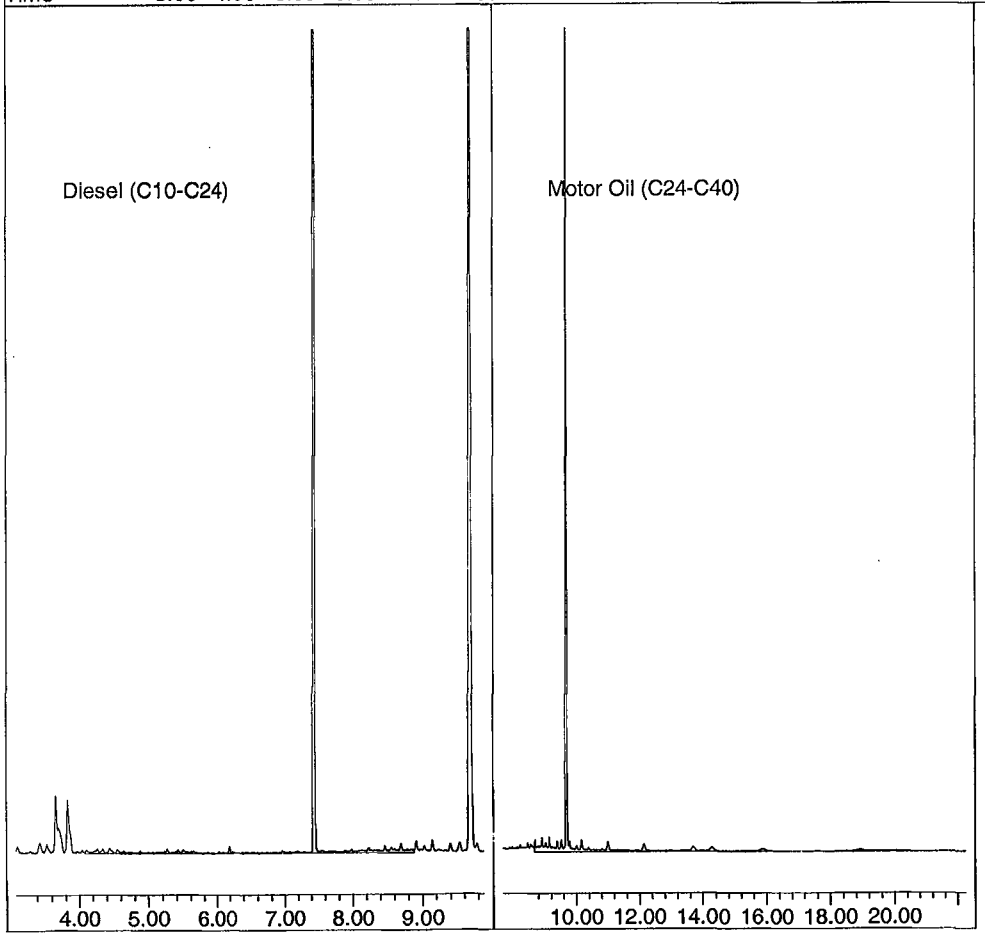
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.44	152048315	115.753 ppb
Surrogate Spike 142.857		Recovery =	81.03%
4) SA Octacosane(S)	9.69	135659607	142.830 ppb
Surrogate Spike 142.857		Recovery =	99.98%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	28379503	26.849 ppb
2) HBTM Motor Oil (C24-C40)	14.96	71521147	52.436 ppb
Target Compounds			

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

Data File: G:\APOLLO\DATA\211110\1110026.D
Sample : BA45105W09 5/1050 SG





Quantitation Report (QT Reviewed)

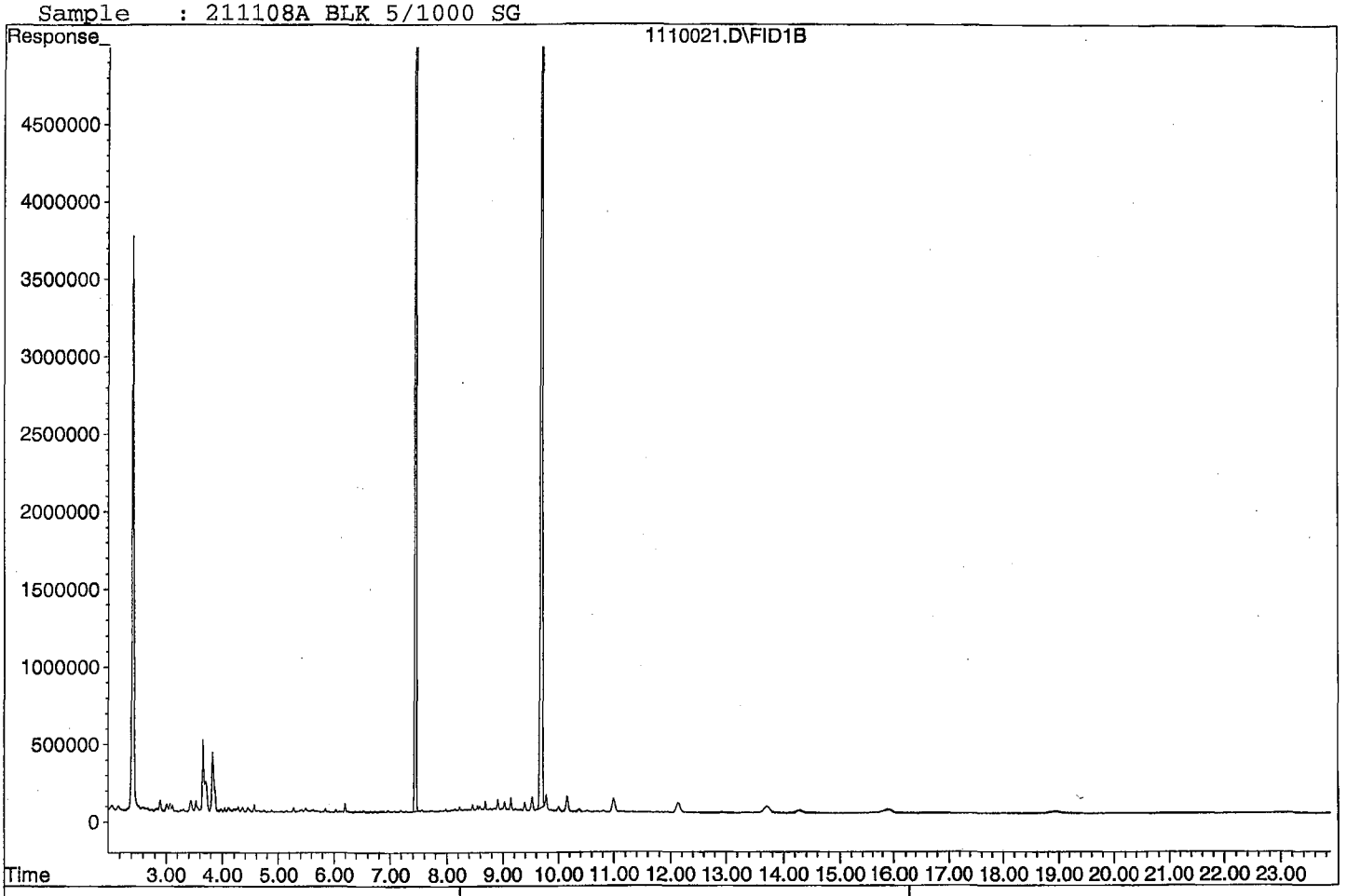
Data File : G:\APOLLO\DATA\211110\1110021.D Vial: 21
Acq On : 11-10-21 19:44:31 Operator: KA
Sample : 211108A BLK 5/1000 SG Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 13 15:28 2021 Quant Results File: DOC1028.RES

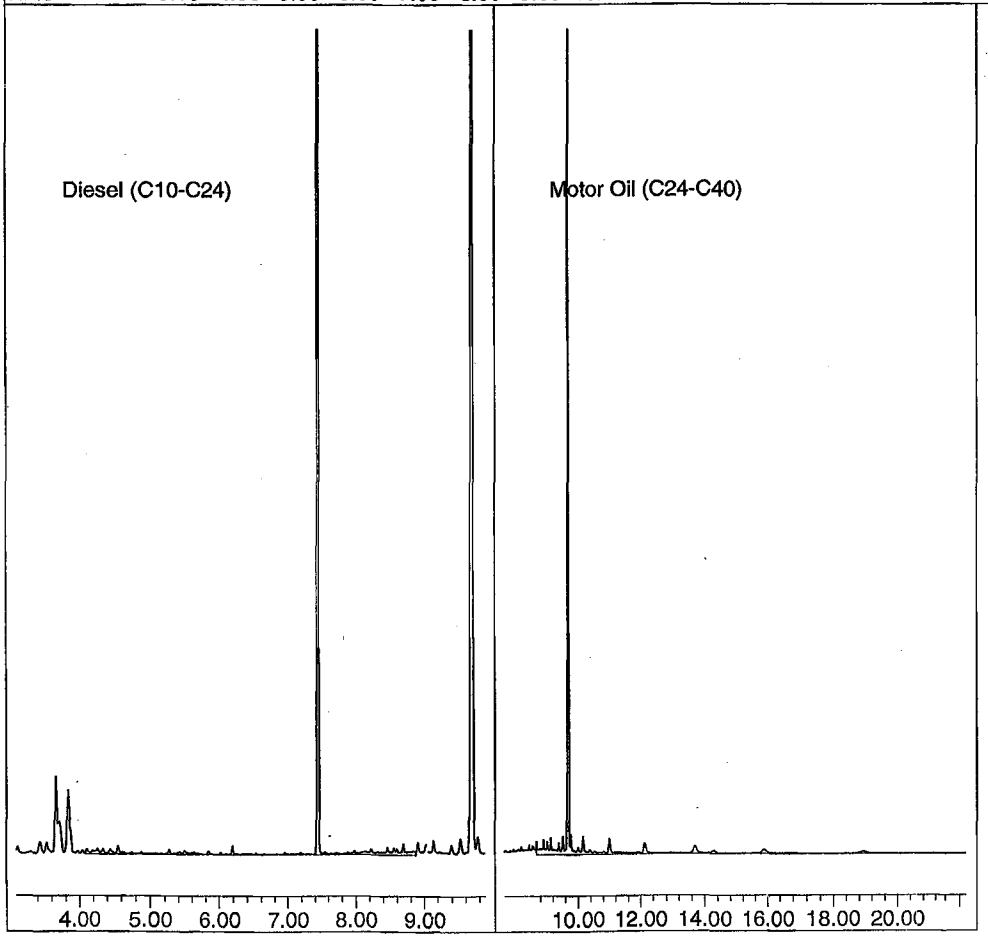
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 12 17:55:30 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.44	174662873	139.618 ppb
Surrogate Spike 150.000		Recovery =	93.08%
4) SA Octacosane(S)	9.69	155867982	172.311 ppb
Surrogate Spike 150.000		Recovery =	114.87%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	31566545	31.357 ppb
2) HBTM Motor Oil (C24-C40)	14.96	84816381	74.657 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\211110\1110021.D
Sample : 211108A BLK 5/1000 SG





1110021.D DOC1028.M Sat Nov 13 15:33:27 2021 Page 2

Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211110\1110022.D Vial: 22
Acq On : 11-10-21 20:12:35 Operator: KA
Sample : 211108A LCS-1 5/1000 SG Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 13 15:29 2021 Quant Results File: DOC1028.RES

Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 12 17:55:30 2021
Response via : Multiple Level Calibration

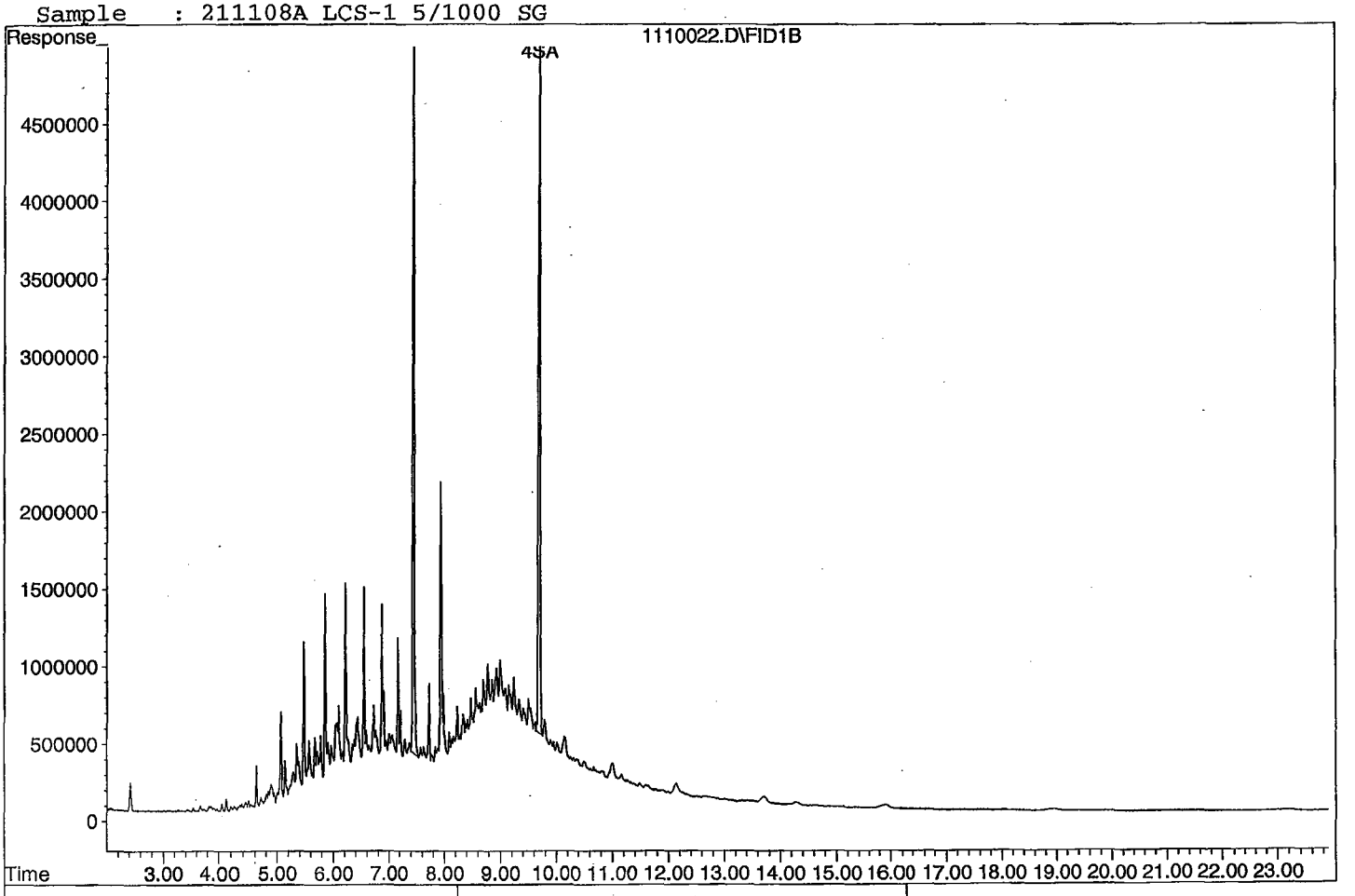
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

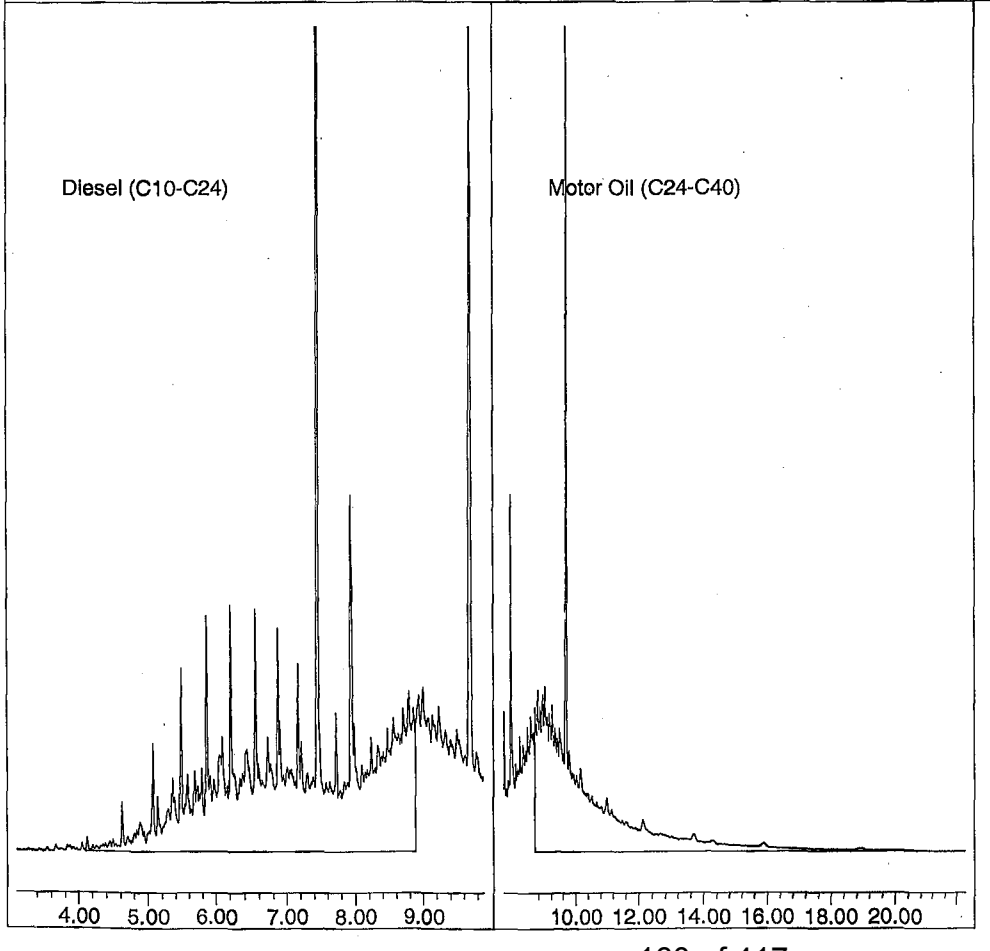
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.44	123664490	98.852 ppb
Surrogate Spike 150.000		Recovery =	65.90%
4) SA Octacosane(S)	9.69	98274593	108.642 ppb
Surrogate Spike 150.000		Recovery =	72.43%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1145558960	1137.971 ppb
2) HBTM Motor Oil (C24-C40)	14.96	1022781147	1457.330 ppb
Target Compounds			

Diesel:

$$\frac{(1145558960)(5)}{(25166669)(2)} = \frac{5727794800}{5033338} = 1137.971$$

Data File: G:\APOLLO\DATA\211110\1110022.D
Sample : 211108A LCS-1 5/1000 SG





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211110\1110023.D Vial: 23
Acq On : 11-10-21 20:40:38 Operator: KA
Sample : 211108A LCSD-1 5/1000 SG Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 13 15:29 2021 Quant Results File: DOC1028.RES

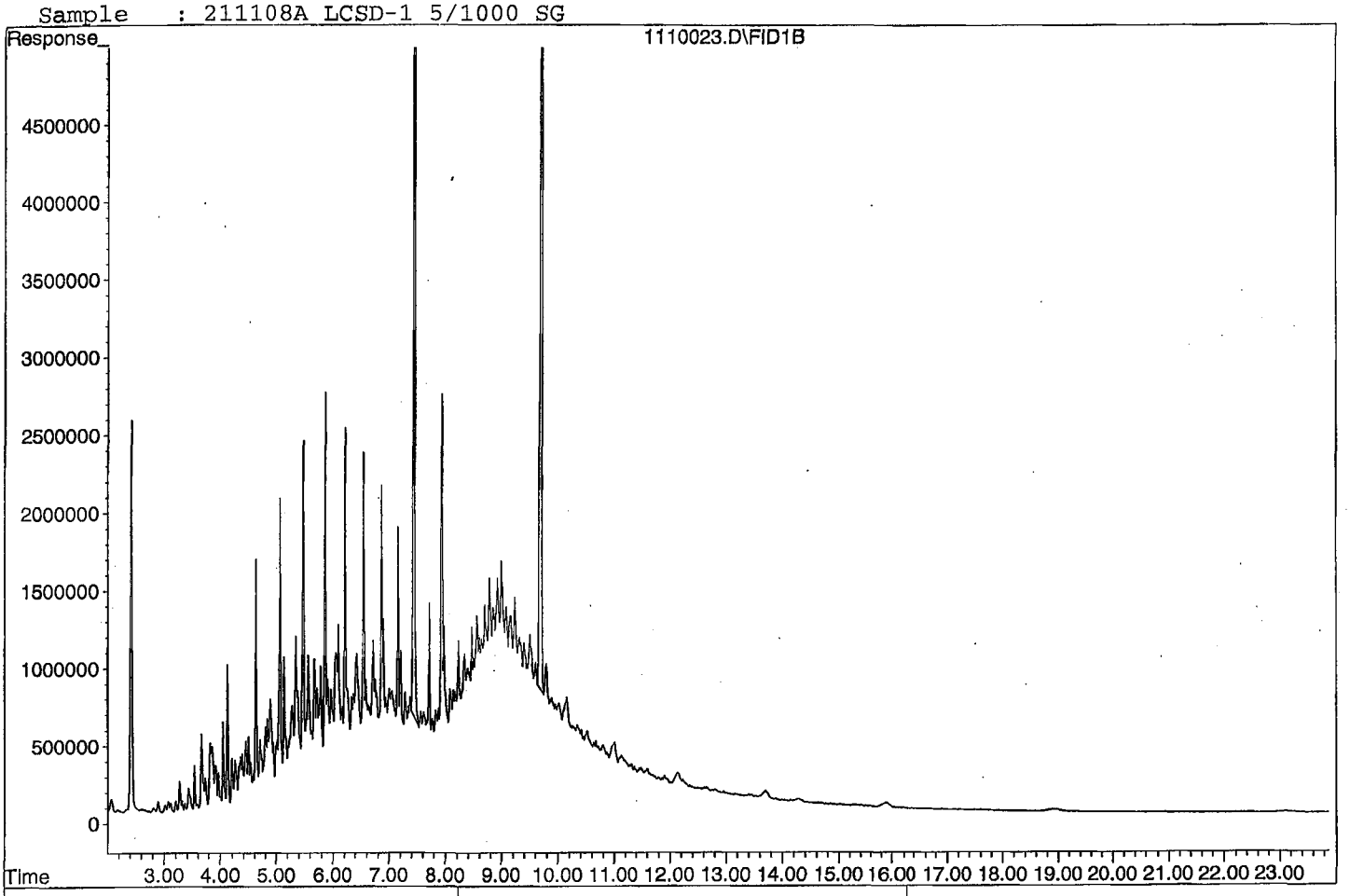
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 12 17:55:30 2021
Response via : Multiple Level Calibration

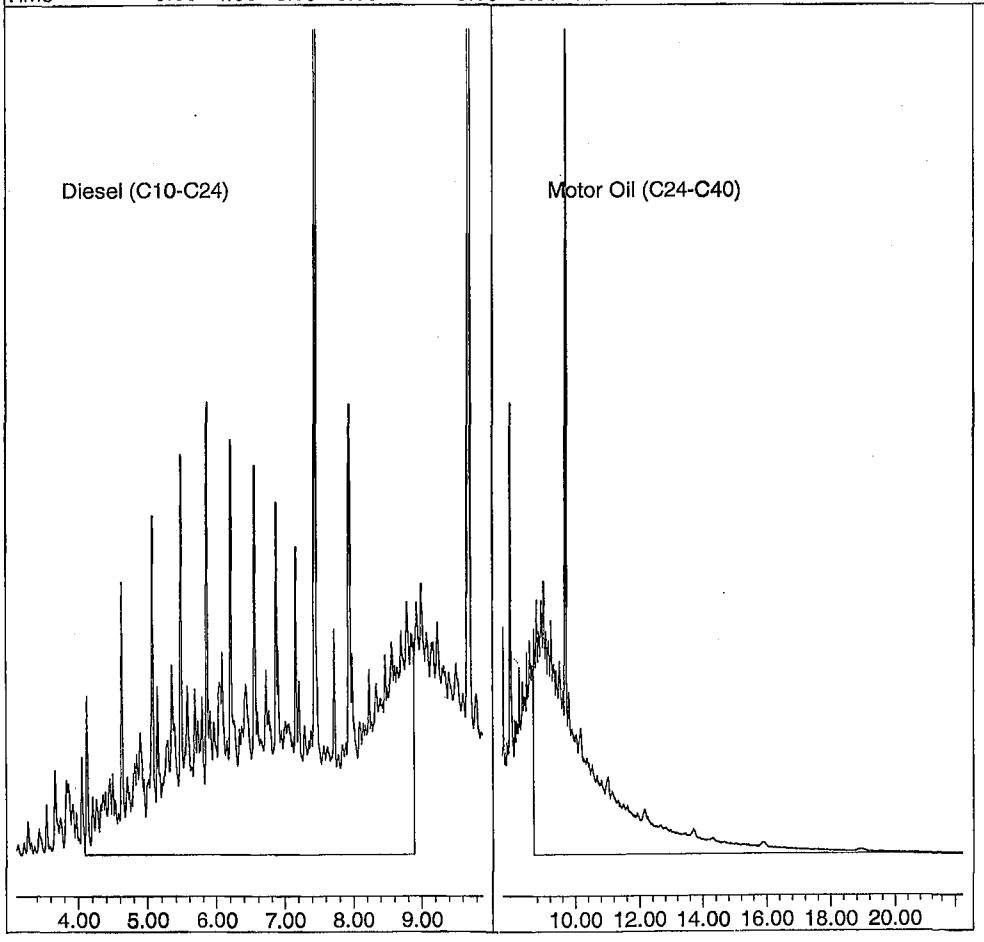
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.44	194242663	155.270 ppb
Surrogate Spike 150.000		Recovery =	103.51%
4) SA Octacosane(S)	9.69	158795775	175.548 ppb
Surrogate Spike 150.000		Recovery =	117.03%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	2114966450	2100.958 ppb
2) HBTM Motor Oil (C24-C40)	14.96	1627990801	2349.482 ppb

Target Compounds

Data File: G:\APOLLO\DATA\211110\1110023.D
Sample : 211108A LCSD-1 5/1000 SG





_LIQ005SGC

Organic Extraction Worksheet

Method	Continuous Liq/Liq TPH- 3520C w/SGC	Extraction Set	211108A	Extraction Method	LIQ005SGC	Units	mL

Spiked ID 1	Diesel Motor Oil Mix 10/30/21-10/31/27		Surrogate ID 1	THC Surrogate 10/29/21-10/29/22	
Spiked ID 2	Decanoic 1000ug/mL Acid Solution 11/01/21-11/01/22		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:	11/08/21 10:07	
Spiked ID 8			Ext. End Time:	11/09/21 15:50	
			GC Requires Extract By:		

pH1	2		Water Bath Temp 1 °C	39/ 38.1 °C
pH2			Water Bath Temp 2 °C	37/ 38.1
pH3			Water Bath Temp 3 °C	37/ 36.5 °C

Spiked By: SR **Date** 11/8/2021 9:01:00 AM **Witnessed By:** AGM **Date** 11/8/2021 9:01:00 AM

	Sample	Sample Container	Spike Amount	Spike ID	Surrogate Amount	Surrogate ID	Extract Amount	Final Volume	pH	Extract Date/Time	Comments
1	211108A Blk		0.050	2	0.250	1 equip	1000	5	2	11/08/21 9:01	*
2	211108A LCS-1		0.080,0.050	1,2	0.250	1 equip	1000	5	2	11/08/21 9:01	*
3	211108A LCSD-1		0.080,0.050	1,2	0.250	1 equip	1000	5	2	11/08/21 9:01	*
4	BA45100	BA45100W10	0.050	2	0.250	1 equip	1040	5	2	11/08/21 9:01	98098 *
5	BA45101	BA45101W07	0.050	2	0.250	1 equip	1040	5	2	11/08/21 9:01	98098 *
6	BA45105	BA45105W09	0.050	2	0.250	1 equip	1050	5	2	11/08/21 9:01	98097 *
7	BA45108	BA45108W09	0.050	2	0.250	1 equip	1040	5	2	11/08/21 9:01	98096 *
8	BA45110	BA45110W10	0.050	2	0.250	1 equip	1040	5	2	11/08/21 9:01	98096 *
9	BA45112	BA45112W09	0.050	2	0.250	1 equip	1000	5	2	11/08/21 9:01	98096 *
10	BA45114	BA45114W10	0.050	2	0.250	1 equip	1050	5	2	11/08/21 9:01	98096 *

Solvent and Lot#	
1+1 HCL (5mLs)	60358
PH Strips	HC155968
Dichloromethane (DCM)	61117
Filter Paper	1441-150
Sodium Sulfate	2021071206
SILICA GEL (*)	050627T

Extraction COC Transfer	
Extraction lab employee Initials	
GC analyst's initials	KA
Date	11/10/21
Time	8:35
Refrigerator	Hobart

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

Modified	11/10/2021 5:33:02 PM

Reviewed By: **Date**

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	18	1110018.D	1	DMO LVL 4 CCV 10/27/21	water	11-10-21 18:20:23
16	19	1110019.D	1	Decanoic Acid CCV 11/05/21	water	11-10-21 18:48:25
17	21	1110021.D	5	211108A BLK 5/1000 SG	water	11-10-21 19:44:31
18	22	1110022.D	5	211108A LCS-1 5/1000 SG	water	11-10-21 20:12:35
19	23	1110023.D	5	211108A LCSD-1 5/1000 SG	water	11-10-21 20:40:38
20	25	1110025.D	4.80769	BA45101W07 5/1040 SG	water	11-10-21 21:36:41
21	31	1110031.D	1	DMO LVL 4 CCV 10/27/21	water	11-11-21 0:24:43
22	32	1110032.D	1	Decanoic Acid CCV 11/05/21	water	11-11-21 0:52:46

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: 10/30/2021 **Prepared By (Initials): KA**

Expires: 10/31/2027

Initial Standard Information							Final Standard			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Diesel Fuel #2	Restek	31258	50,000	**A0164485-52825 and A0164586-53175, 53174, and 53176**	**See man. Date**	**10/31/2027**	4.00 mL	8.0 mL	NA	25,000
Motor Oil Composite	Restek	31464	50,000	**A0166510-52817, and A0168842-53169, 53170, and 53171**	**See man. Date**	**12/31/2027 3/31/28**	4.00 mL			25,000

THC Surrogate

Prepared: 10/29/2021 **LS**

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	**CL16893-52841**	**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 Spike

Prepared: 11/1/2021 **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	**070821-52988**	**See man. Exp date**	**7/8/2024**	N/A	N/A	N/A	1,000

ORGANICS
Calibration Data

TPH Extractables
DOC1028

Form 6
Initial Calibration

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

		Compound	1028003.D	1028004.D	1028005.D	1028006.D	1028007.D	1028008.D	1028009.D				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

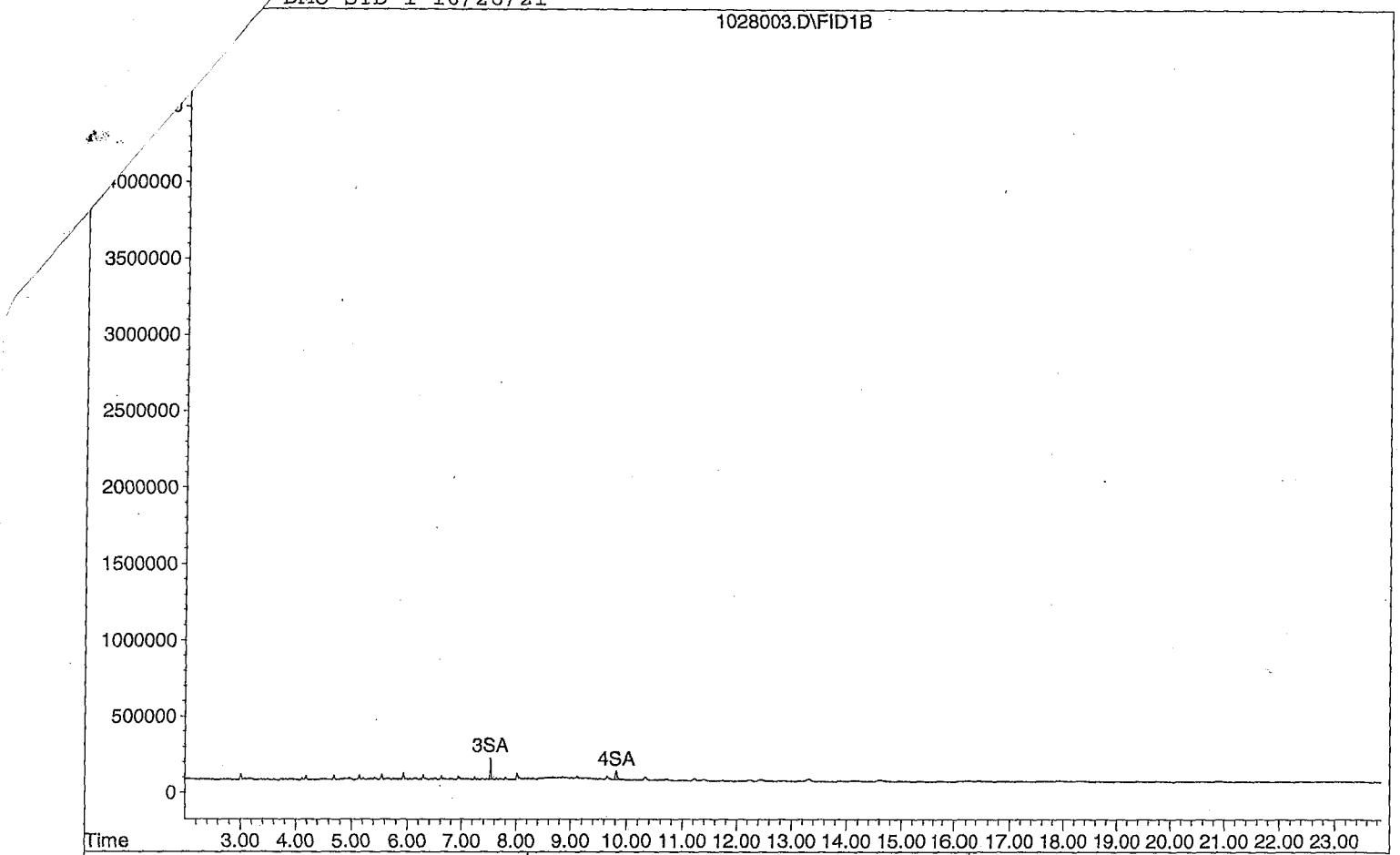
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

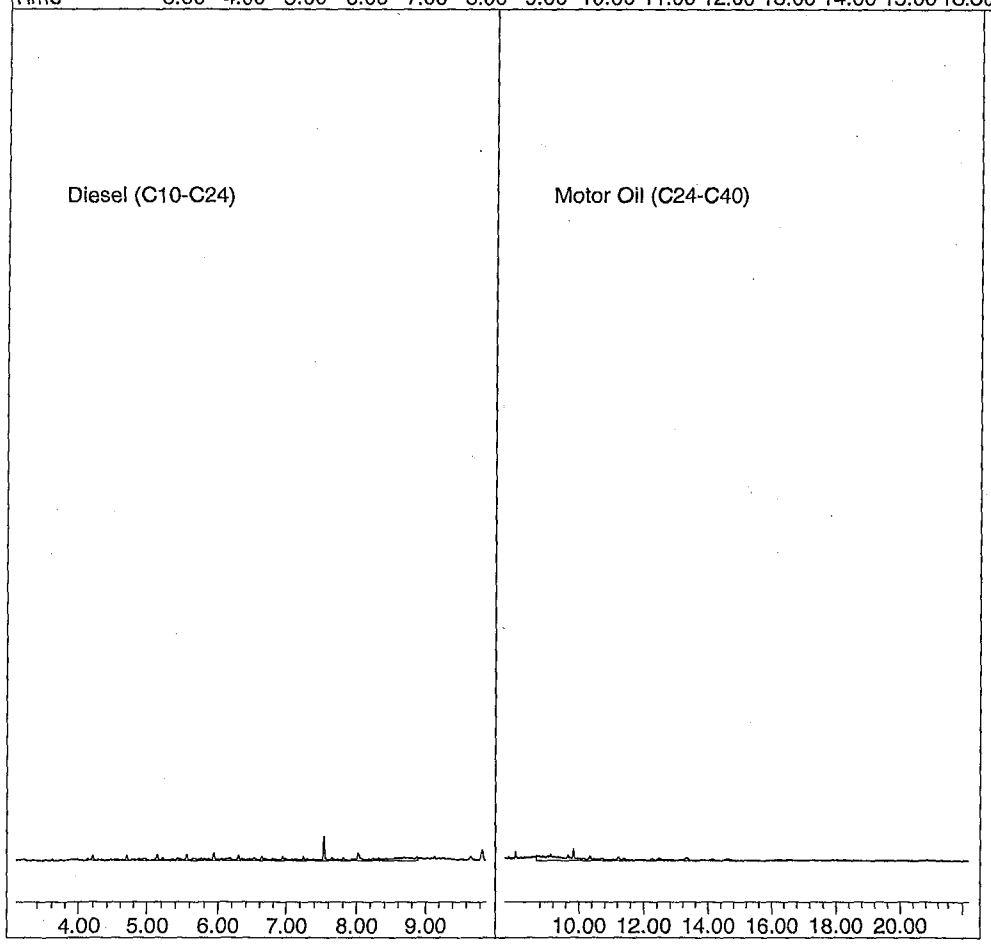
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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.

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





Quantitation Report (Not Reviewed)

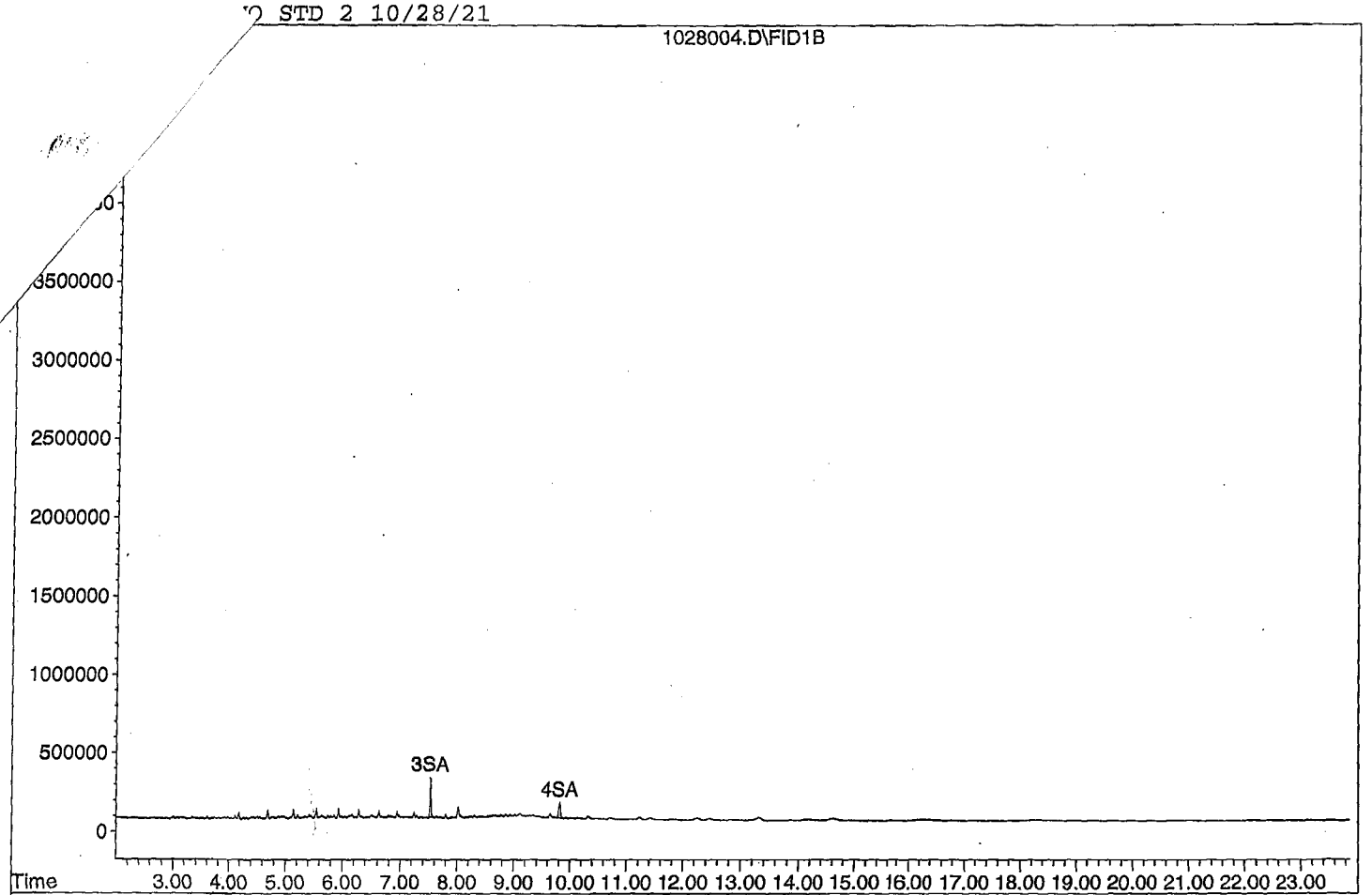
: G:\APOLLO\DATA\211028\1028004.D Vial: 4
10-28-21 9:47:06 Operator: KA
: DMO STD 2 10/28/21 Inst : Apollo
: water Multiplr: 1.00
: events.e
Time: Oct 28 15:39 2021 Quant Results File: DOC1028.RES

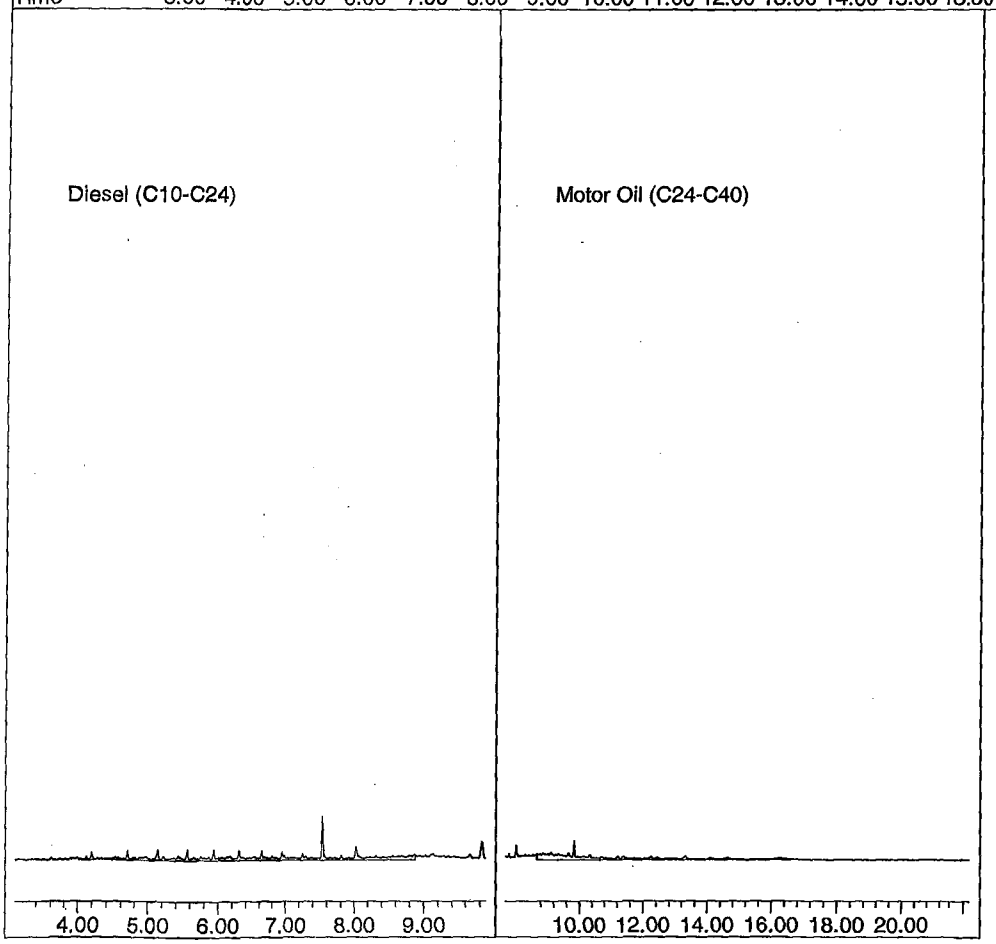
hod : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
itle : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

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:\APOLLO\DATA\211028\1028004.D
2 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

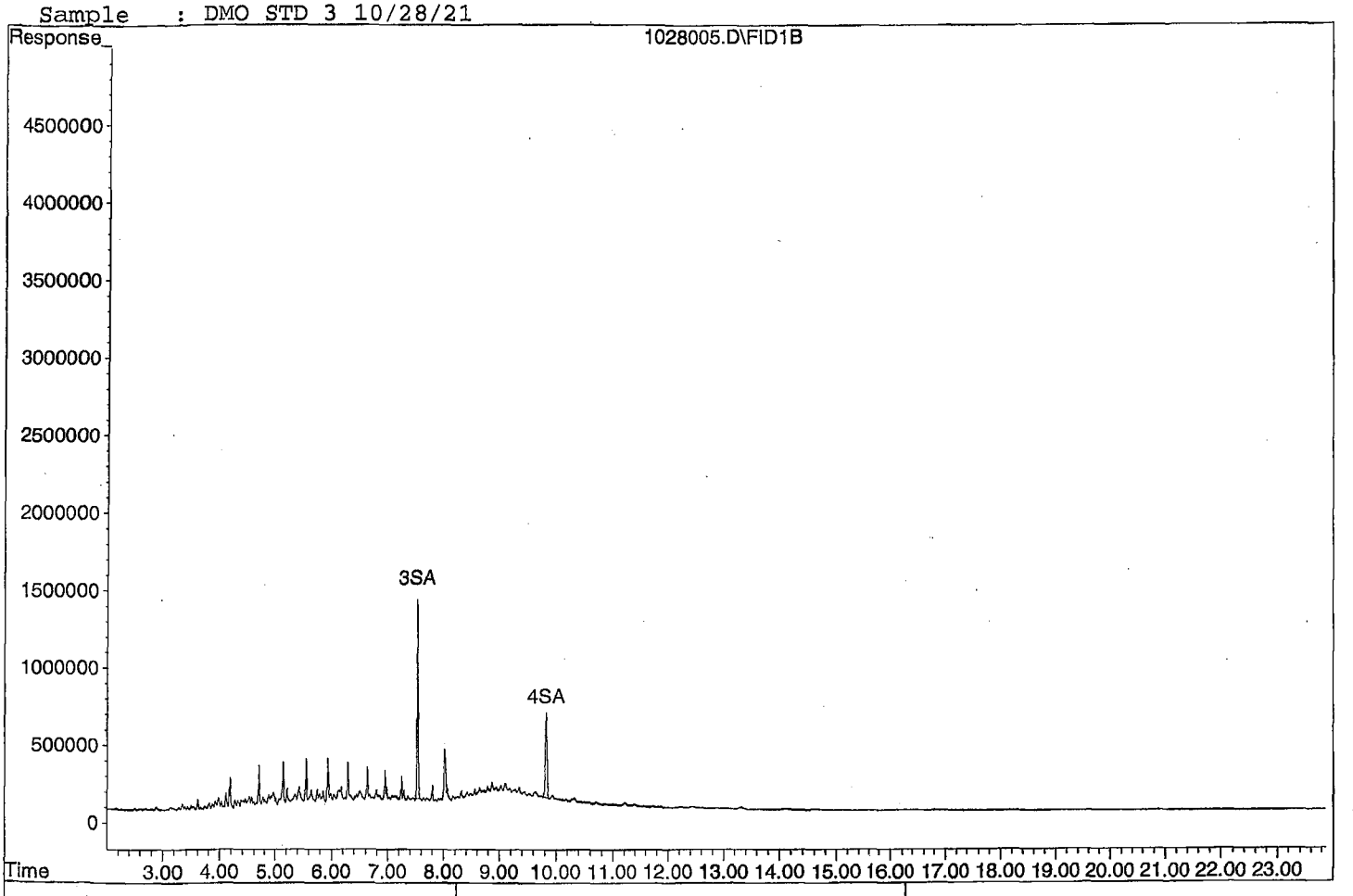
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

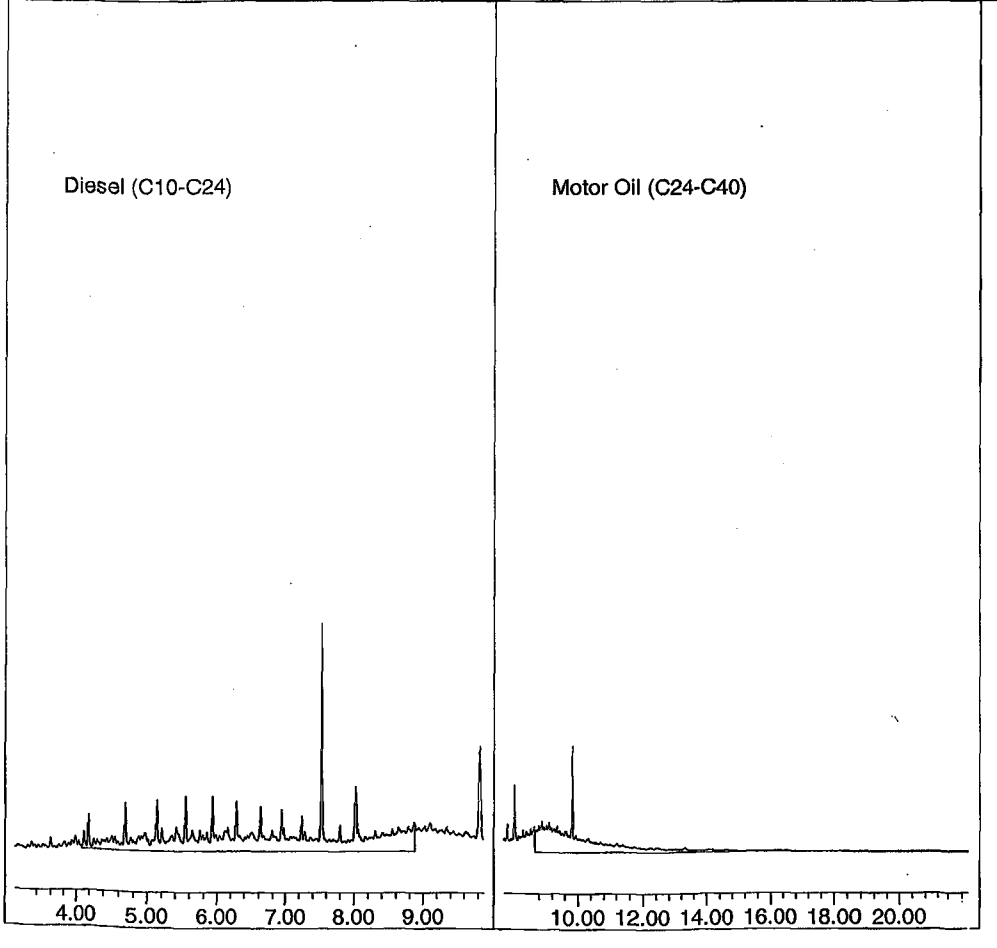
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

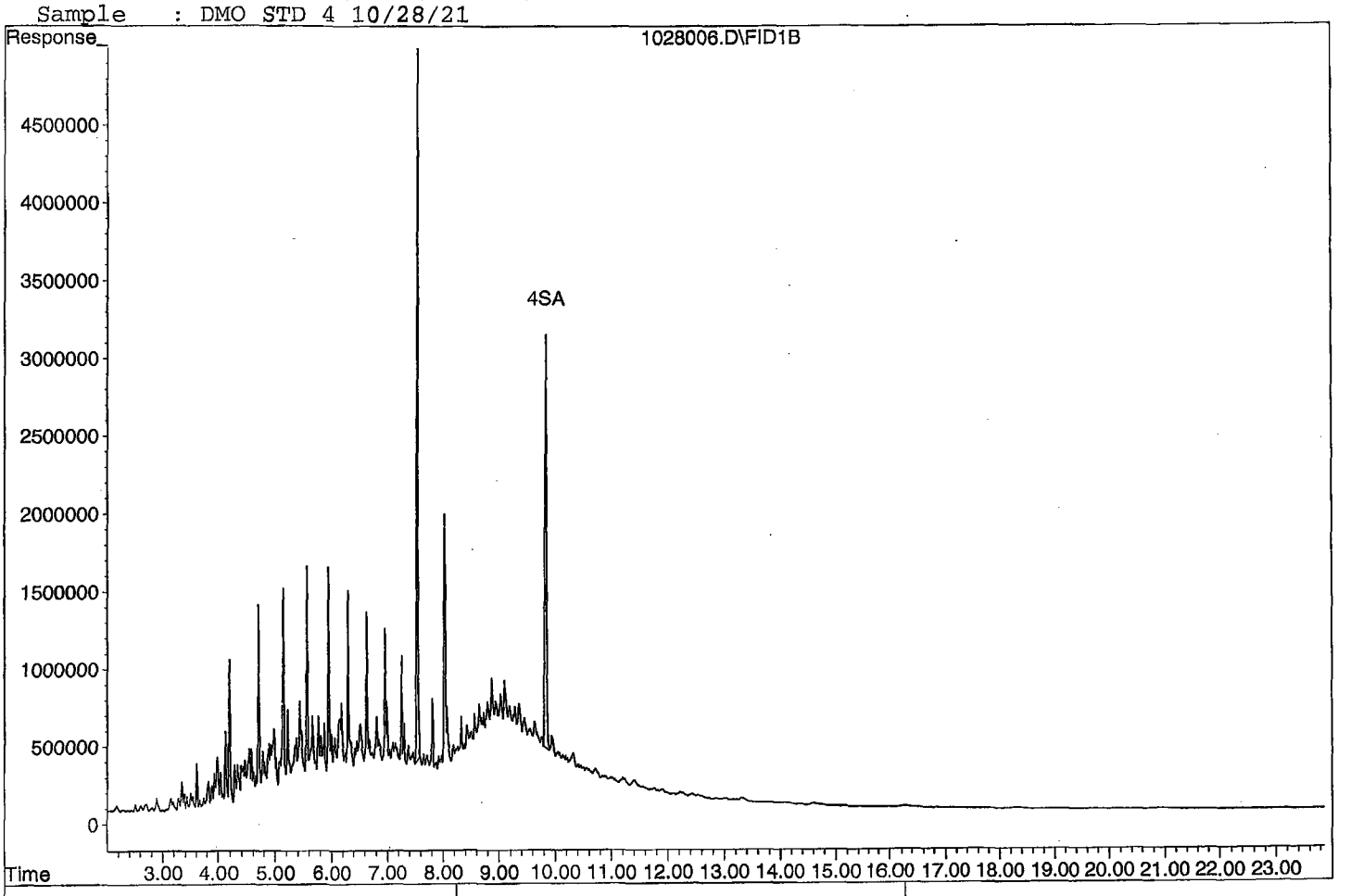
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

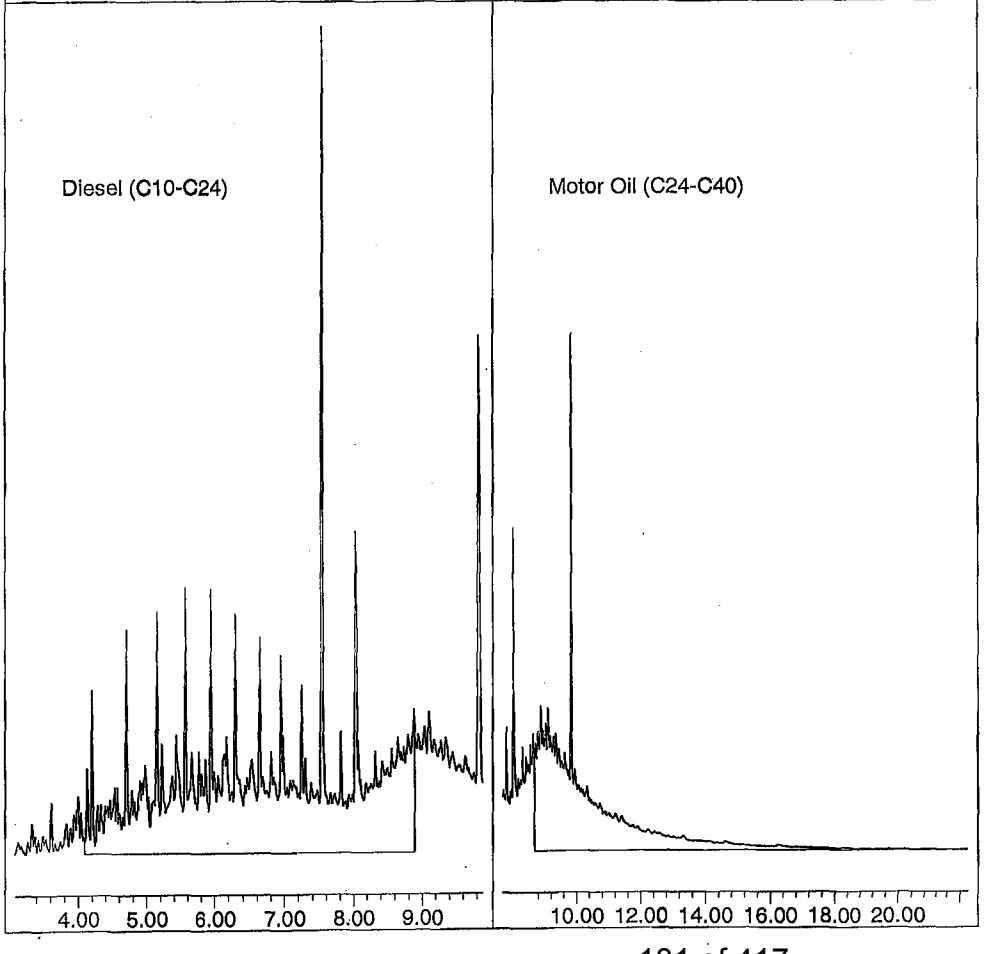
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	75891940	12.133 ppb
Surrogate Spike 30.000		Recovery =	40.44%
4) SA Octacosane(S)	9.82	56888797	12.578 ppb
Surrogate Spike 30.000		Recovery =	41.93%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1209470396	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.
1028006.D DOC1028.M Thu Oct 28 15:42:34 2021

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

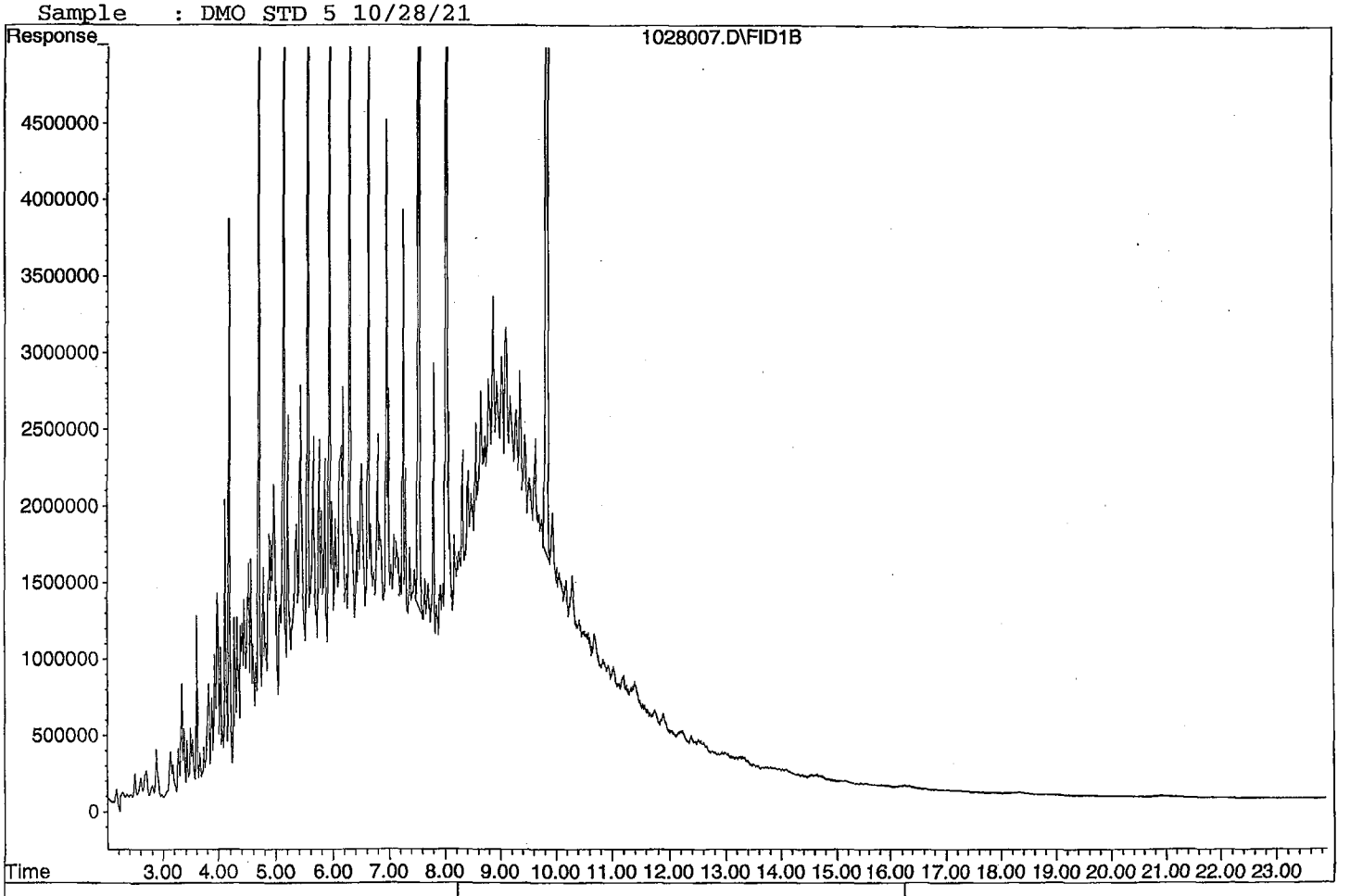
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

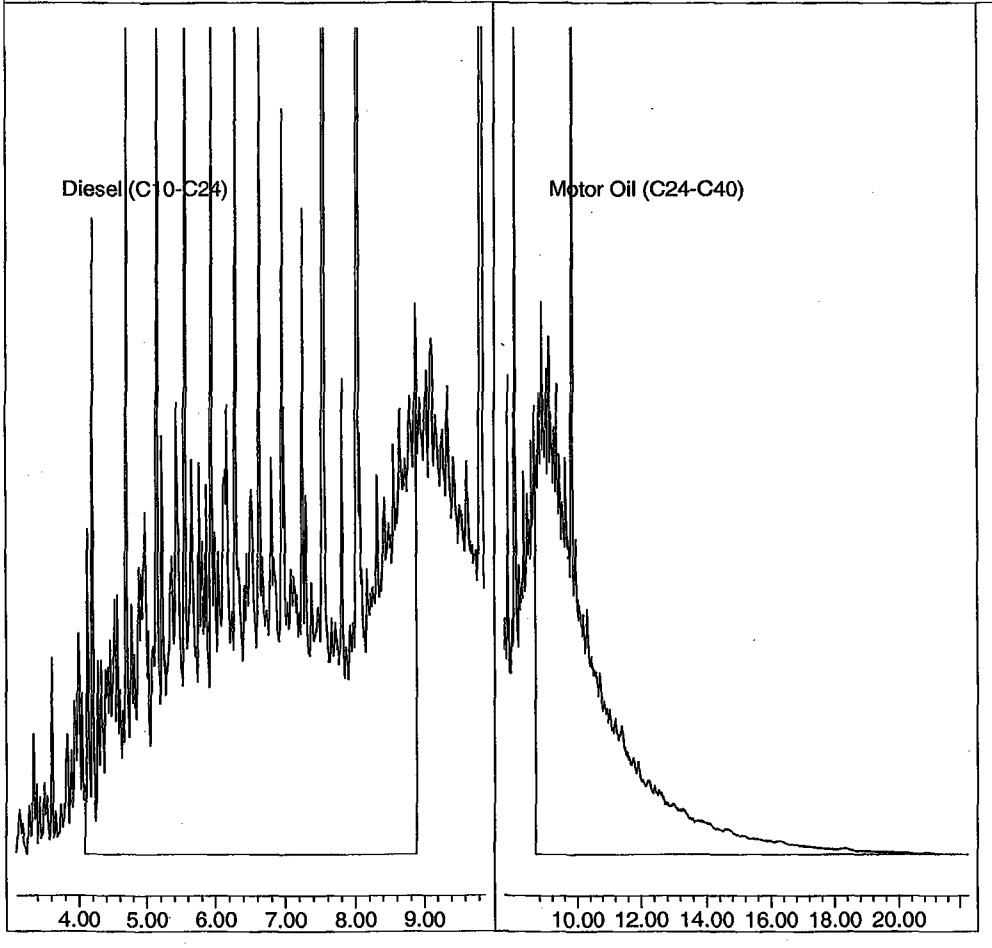
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

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





Quantitation Report (Not Reviewed)

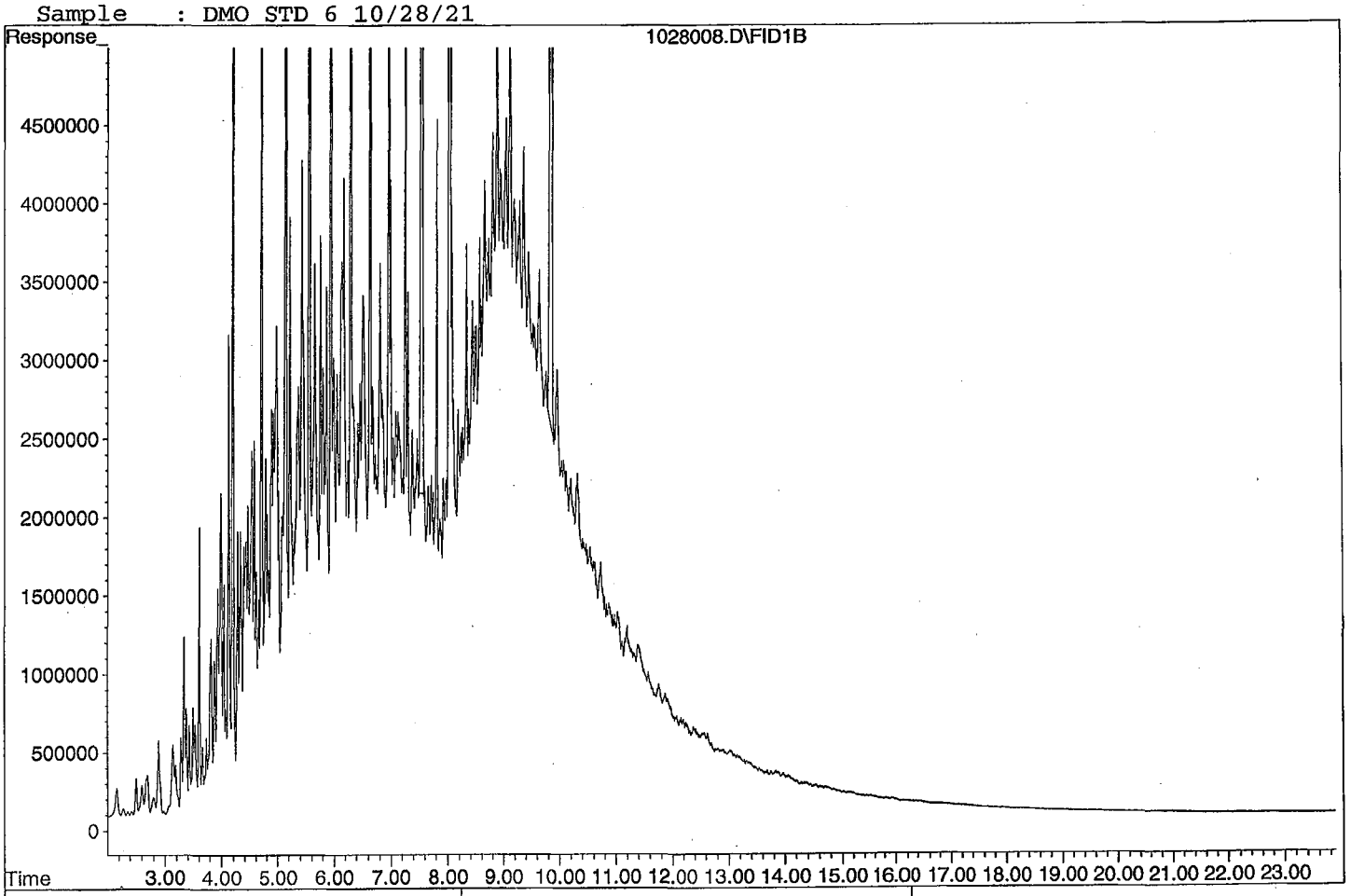
Data File : G:\APOLLO\DATA\211028\1028008.D Vial: 8
Acq On : 10-28-21 11:39:55 Operator: KA
Sample : DMO STD 6 10/28/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 28 15:39 2021 Quant Results File: DOC1028.RES

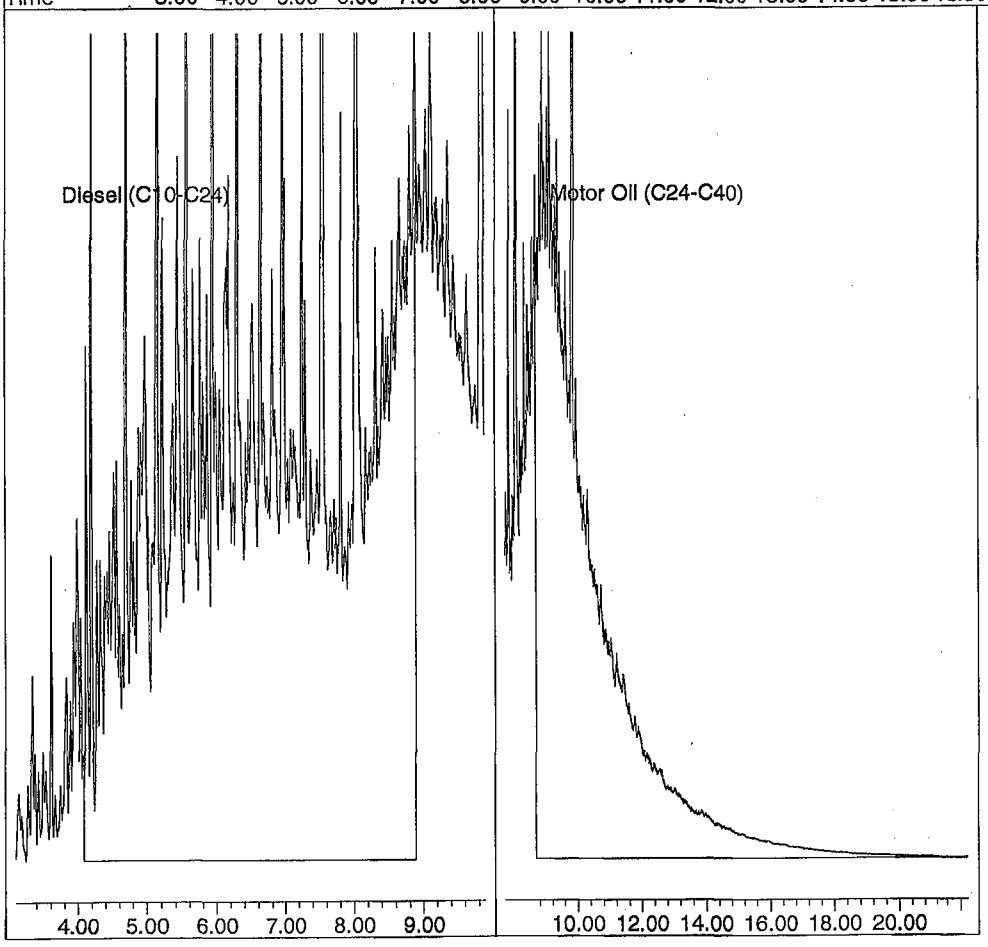
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

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

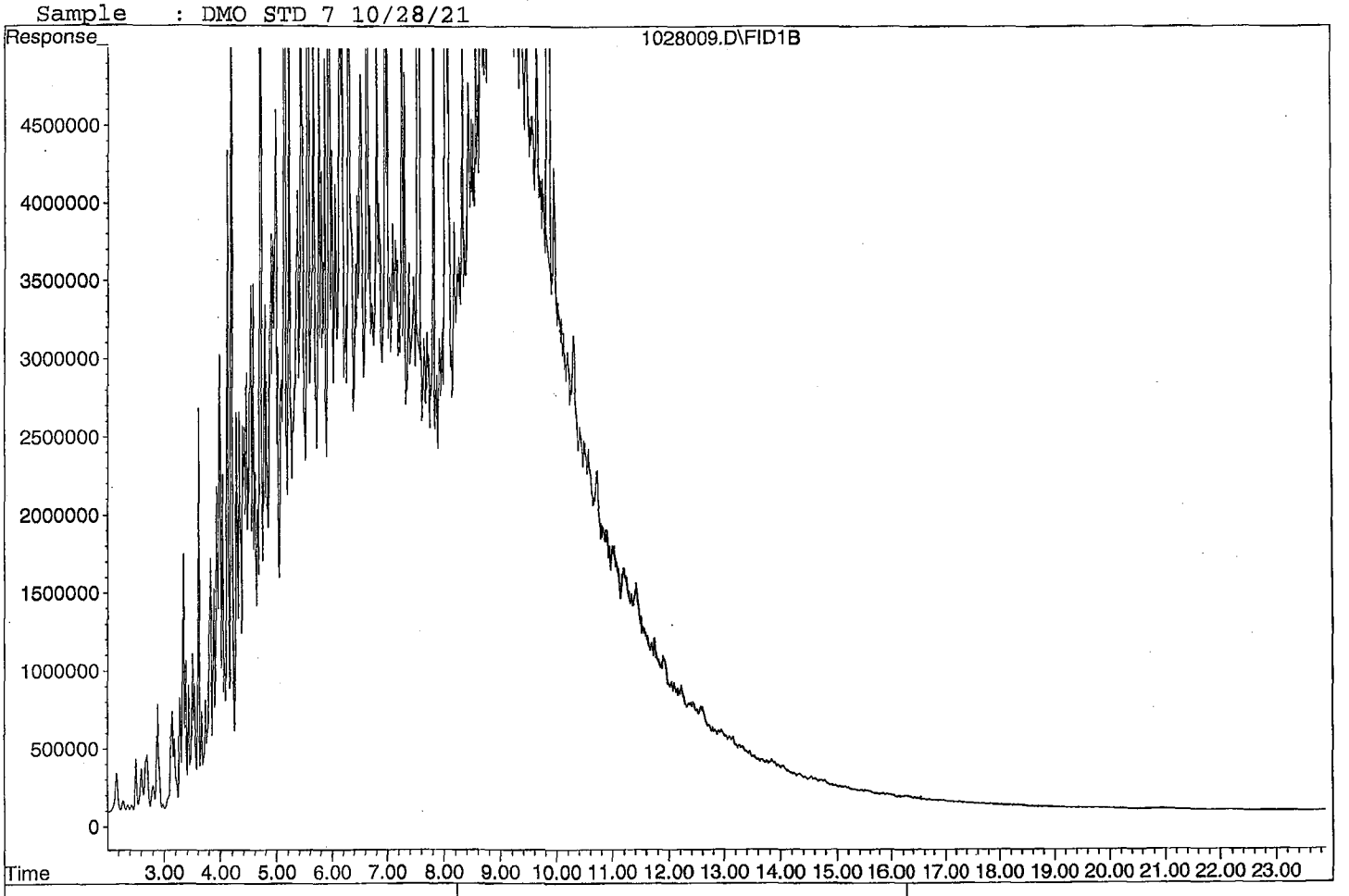
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

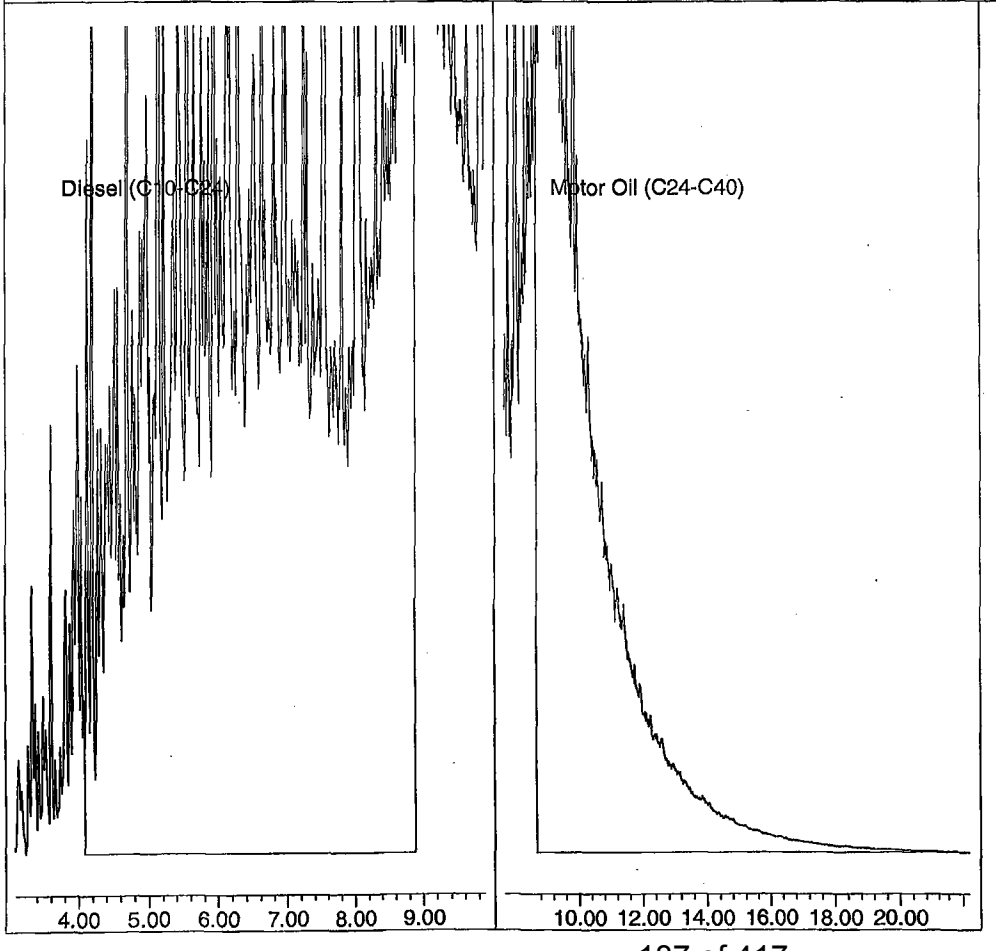
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

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							
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		Average			21.5		

Quantitation Report (Not Reviewed)

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

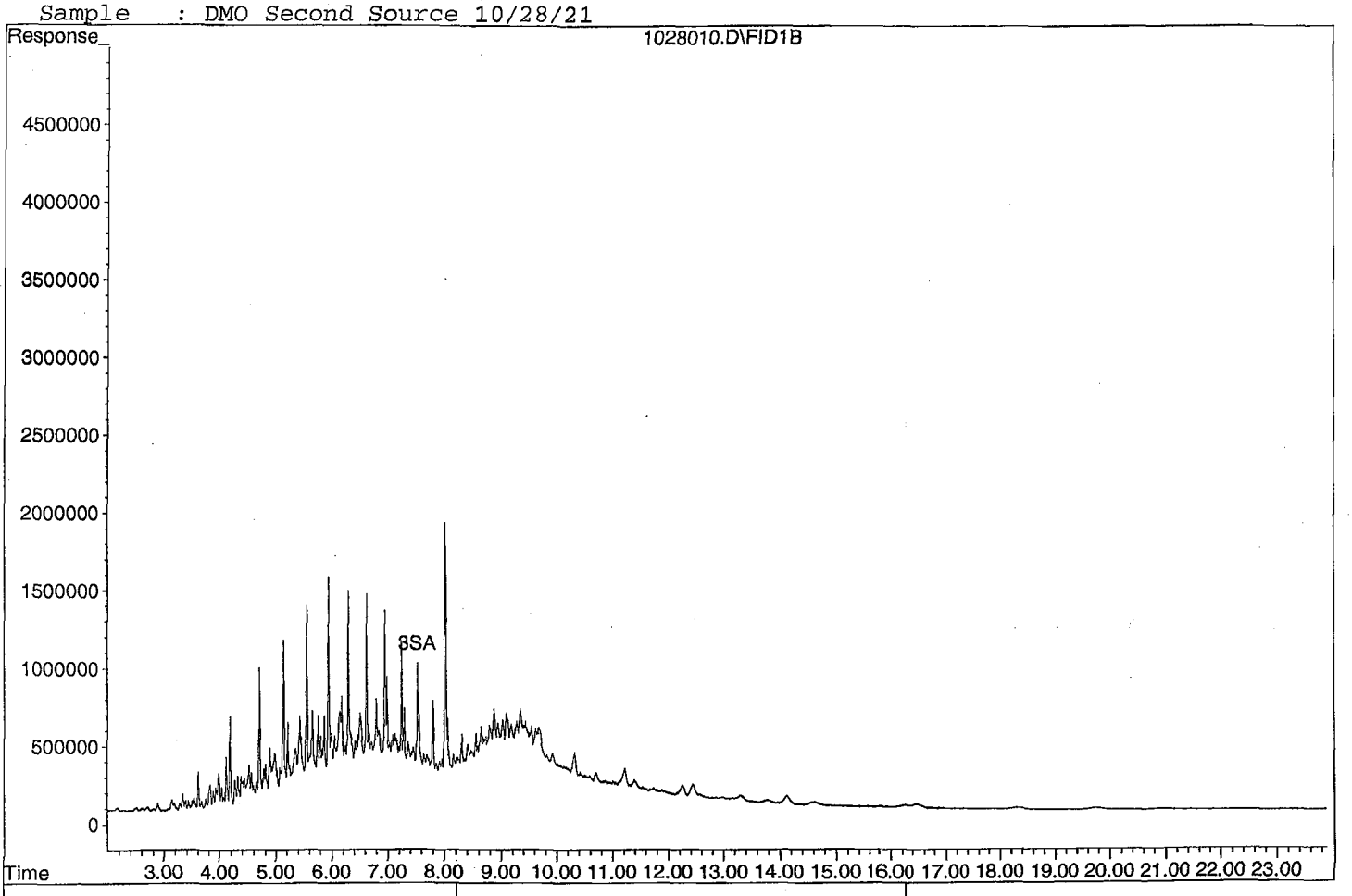
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Oct 28 15:39:11 2021
Response via : Multiple Level Calibration

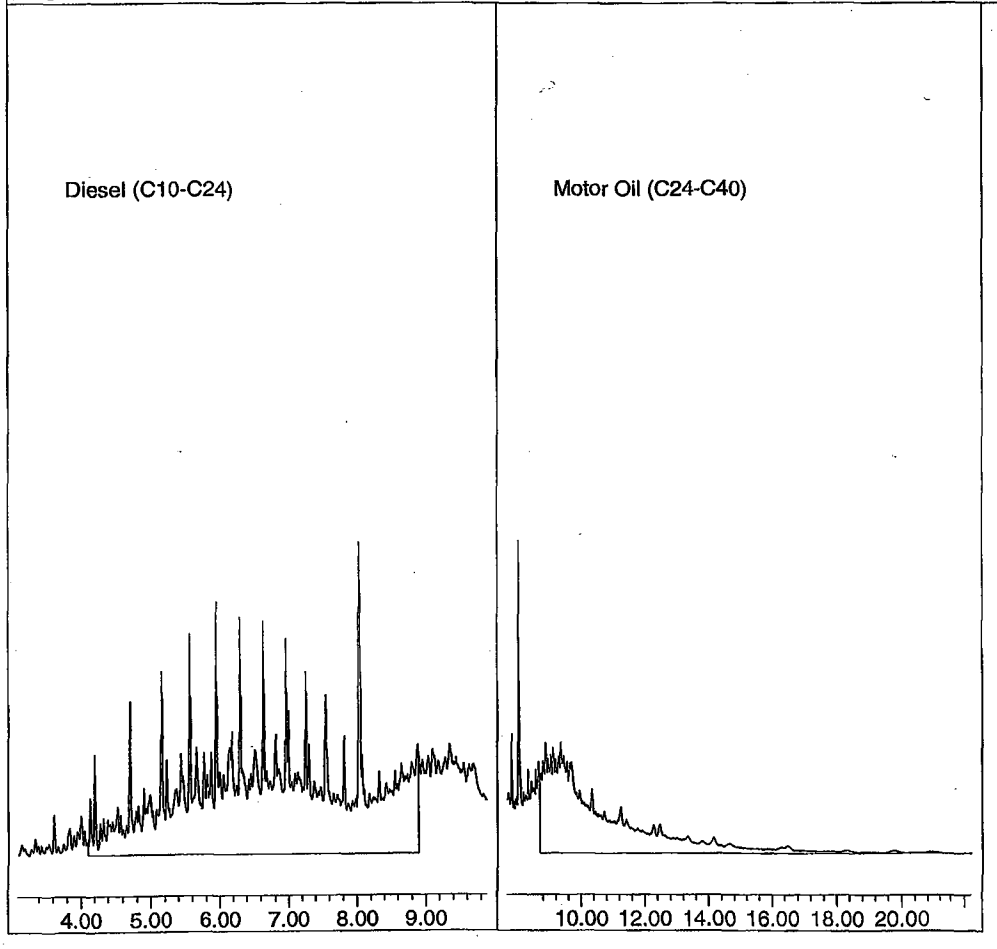
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

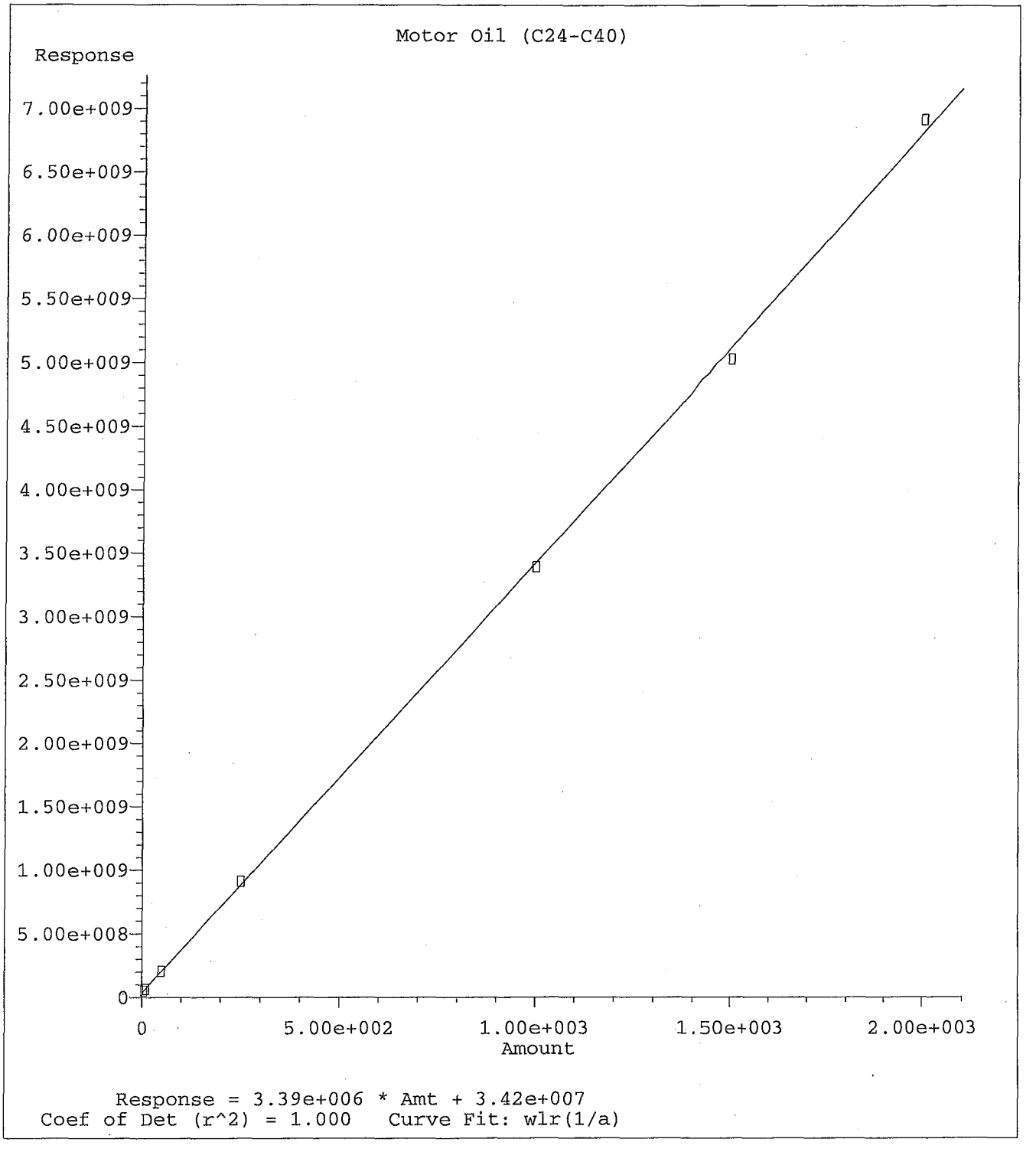
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.53	4250105	0.679 ppb
Surrogate Spike 30.000	Recovery	=	2.26%
4) SA Octacosane(S)	9.83	-3553	N.D. ppb
Surrogate Spike 30.000	Recovery	=	0.00%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1133202337	225.139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

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

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







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

TPH Extractables
DOC1028

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 11/9/2021
Instrument: Apollo
Initial Cal. Date: 10/28/2021
Data File: 1108056.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2516670	2343110	6.9	HATM	
2	HBTM	Motor Oil (C24-C40)	2492040	1661250	33	HBTML	6.1
3	SA	Ortho-Terphenyl(S)	3127510	2848920	8.9	SA	
4	SA	Octacosane(S)	2261430	2090450	7.6	SA	
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		Average			14.1		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211108\1108056.D Vial: 56
Acq On : 11-9-21 11:26:11 Operator: KA
Sample : DMO LVL 4 CCV 10/27/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 9 15:53 2021 Quant Results File: DOC1028.RES

Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 12 17:55:30 2021
Response via : Multiple Level Calibration

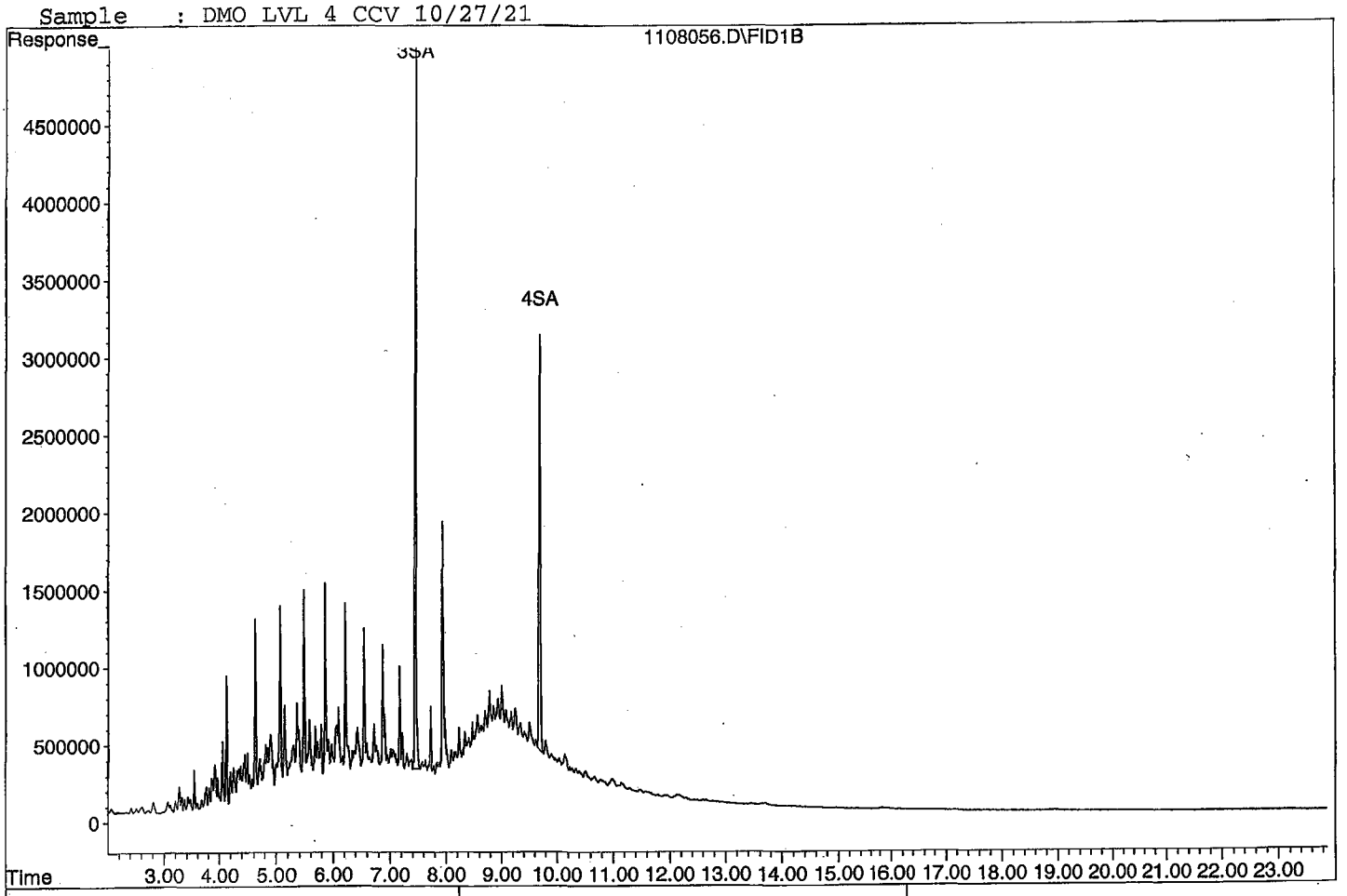
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

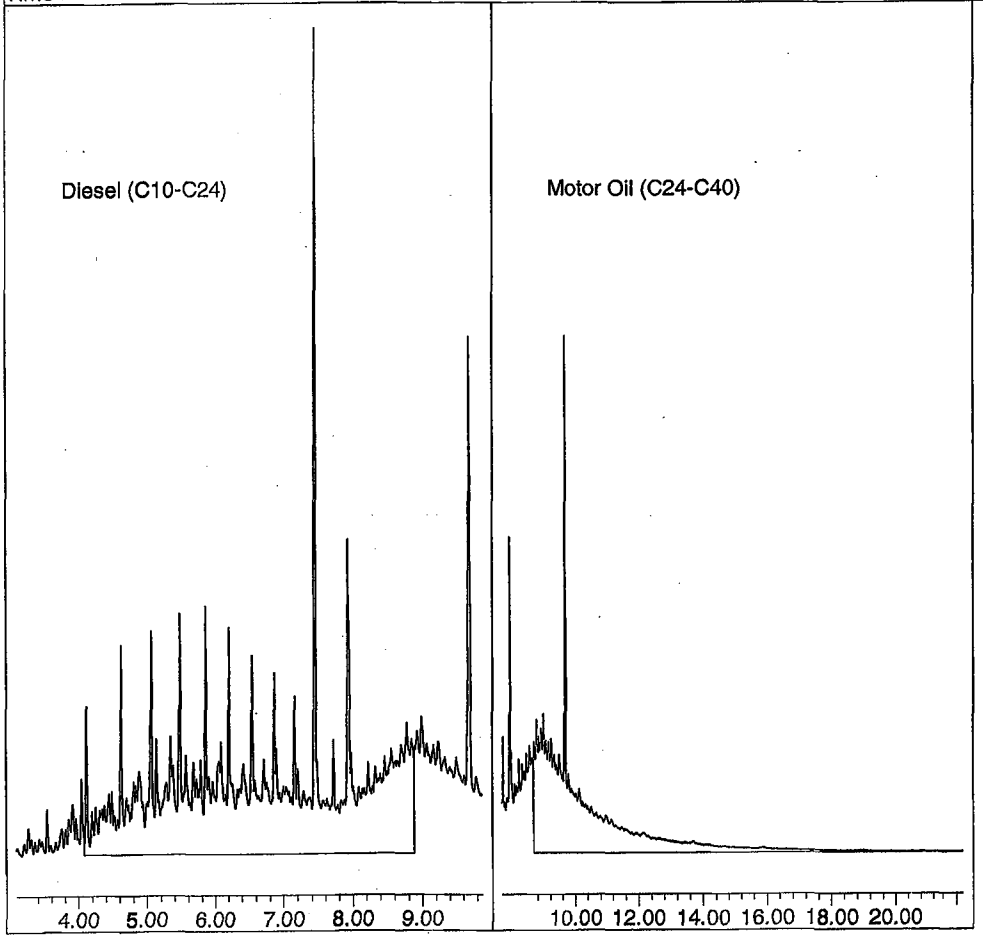
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.44	71223031	11.387 ppb
Surrogate Spike 30.000	Recovery =		37.96%
4) SA Octacosane(S)	9.69	52261242	11.555 ppb
Surrogate Spike 30.000	Recovery =		38.52%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1171557450	232.760 ppb
2) HBTM Motor Oil (C24-C40)	14.96	830624778	234.814 ppb

Target Compounds

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

Data File: G:\APOLLO\DATA\211108\1108056.D
Sample : DMO LVL 4 CCV 10/27/21





TPH Extractables
DOC1028

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 11/9/2021
Instrument: Apollo
Initial Cal. Date: 10/28/2021
Data File: 1108073.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2516670	2278330	9.5	HATM	
2	HBTM	Motor Oil (C24-C40)	2492040	1644640	34	HBTML	7.1
3	SA	Ortho-Terphenyl(S)	3127510	2798030	11	SA	
4	SA	Octacosane(S)	2261430	2065910	8.6	SA	
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40							
		Average			15.8		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\211108\1108073.D Vial: 73
Acq On : 11-9-21 19:25:40 Operator: KA
Sample : DMO LVL 4 CCV 10/27/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Nov 10 10:24 2021 Quant Results File: DOC1028.RES

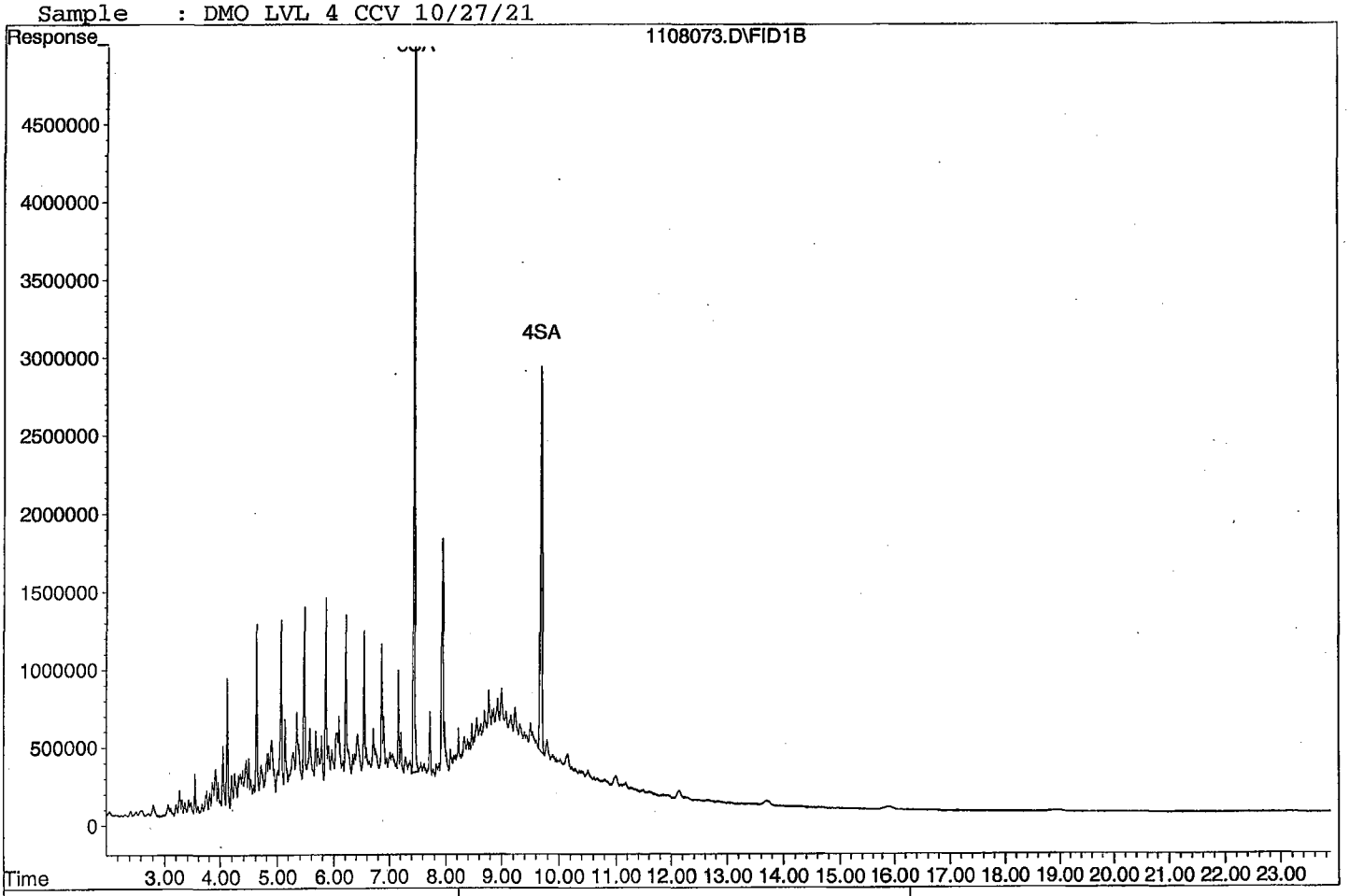
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 12 17:55:30 2021
Response via : Multiple Level Calibration

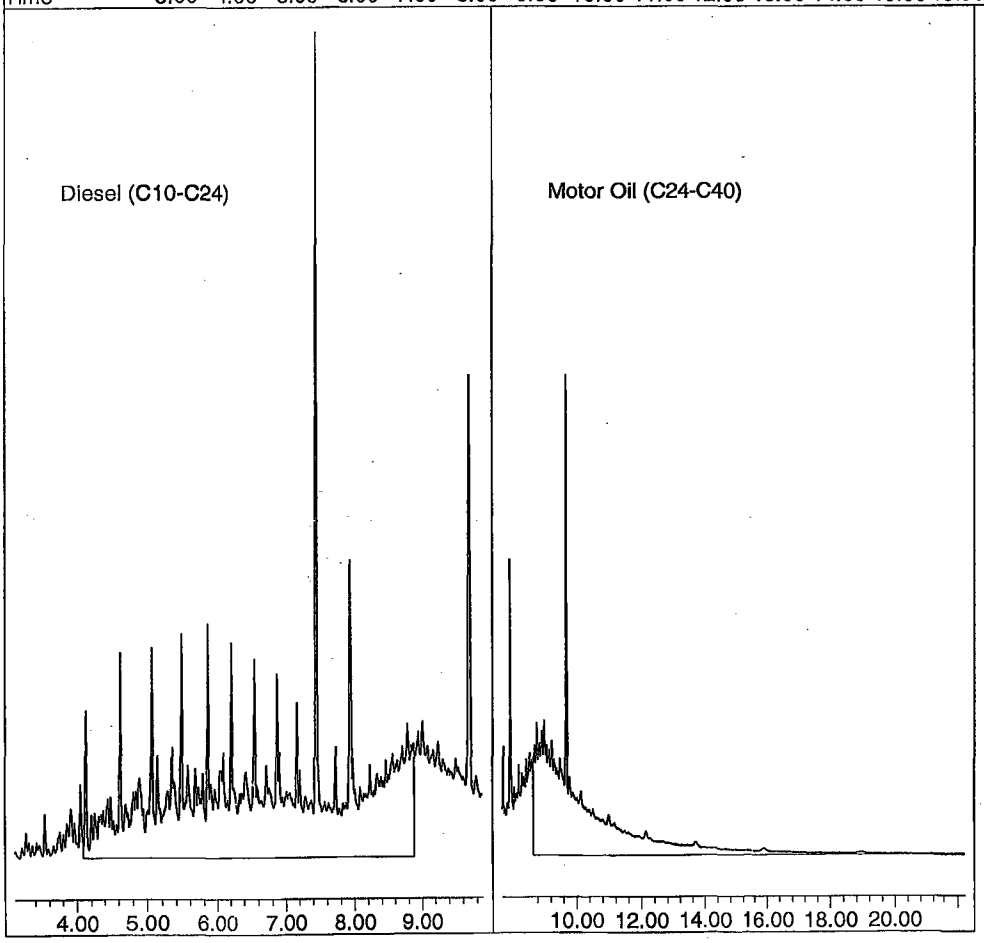
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.44	69950835	11.183 ppb
Surrogate Spike 30.000		Recovery =	37.28%
4) SA Octacosane(S)	9.69	51647824	11.419 ppb
Surrogate Spike 30.000		Recovery =	38.06%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	1139163673	226.324 ppb
2) HBTM Motor Oil (C24-C40)	14.96	822321176	232.366 ppb

Target Compounds

Data File: G:\APOLLO\DATA\211108\1108073.D
Sample : DMO LVL 4 CCV 10/27/21





ORGANICS
Raw Data

Quantitation Report (QT Reviewed)

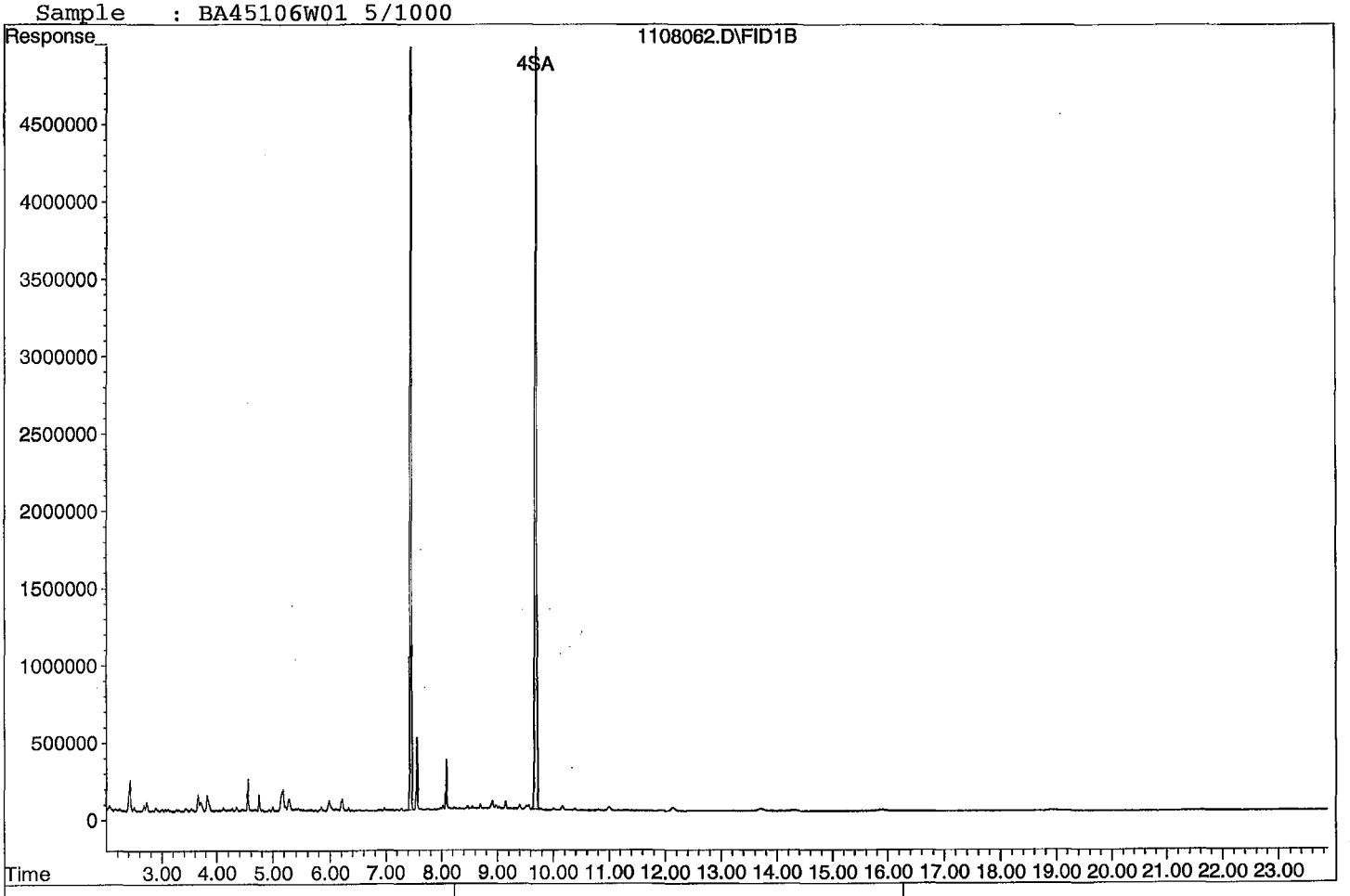
Data File : G:\APOLLO\DATA\211108\1108062.D Vial: 62
Acq On : 11-9-21 14:15:03 Operator: KA
Sample : BA45106W01 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 13 14:21 2021 Quant Results File: DOC1028.RES

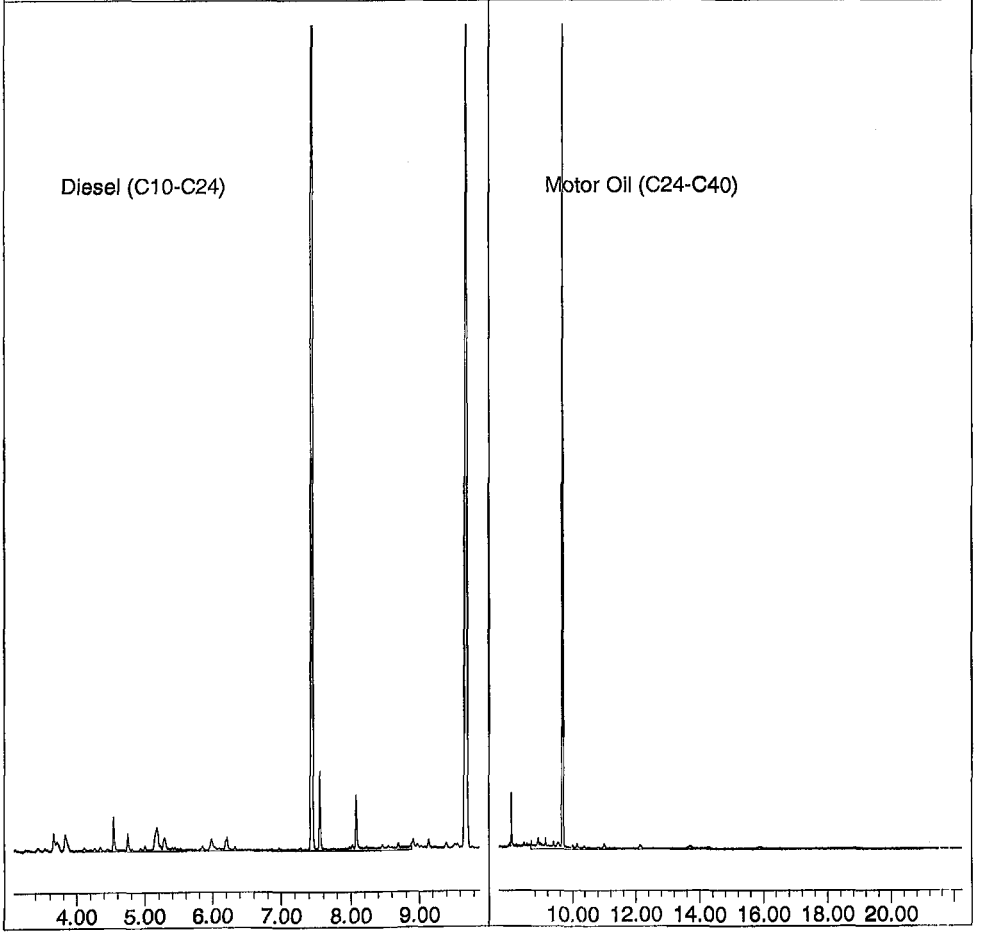
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 12 17:55:30 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.44	121764969	97.334 ppb
Surrogate Spike 150.000		Recovery =	64.89%
4) SA Octacosane(S)	9.69	109633387	121.199 ppb
Surrogate Spike 150.000		Recovery =	80.80%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	56806498	56.430 ppb
2) HBTM Motor Oil (C24-C40)	14.96	60142071	38.284 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\211108\1108062.D
Sample : BA45106W01 5/1000





Quantitation Report (QT Reviewed)

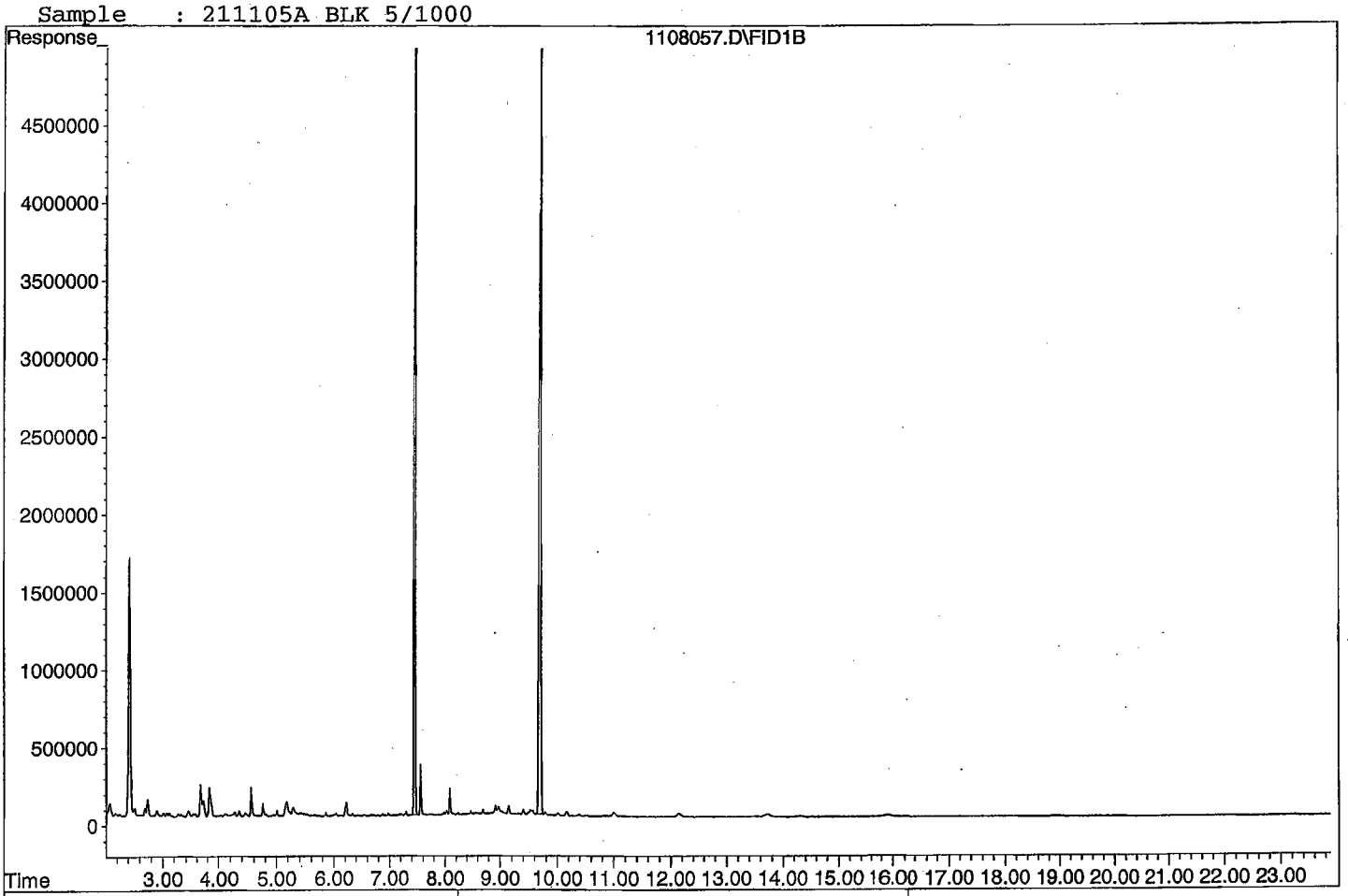
Data File : G:\APOLLO\DATA\211108\1108057.D Vial: 57
Acq On : 11-9-21 11:54:22 Operator: KA
Sample : 211105A BLK 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 13 14:19 2021 Quant Results File: DOC1028.RES

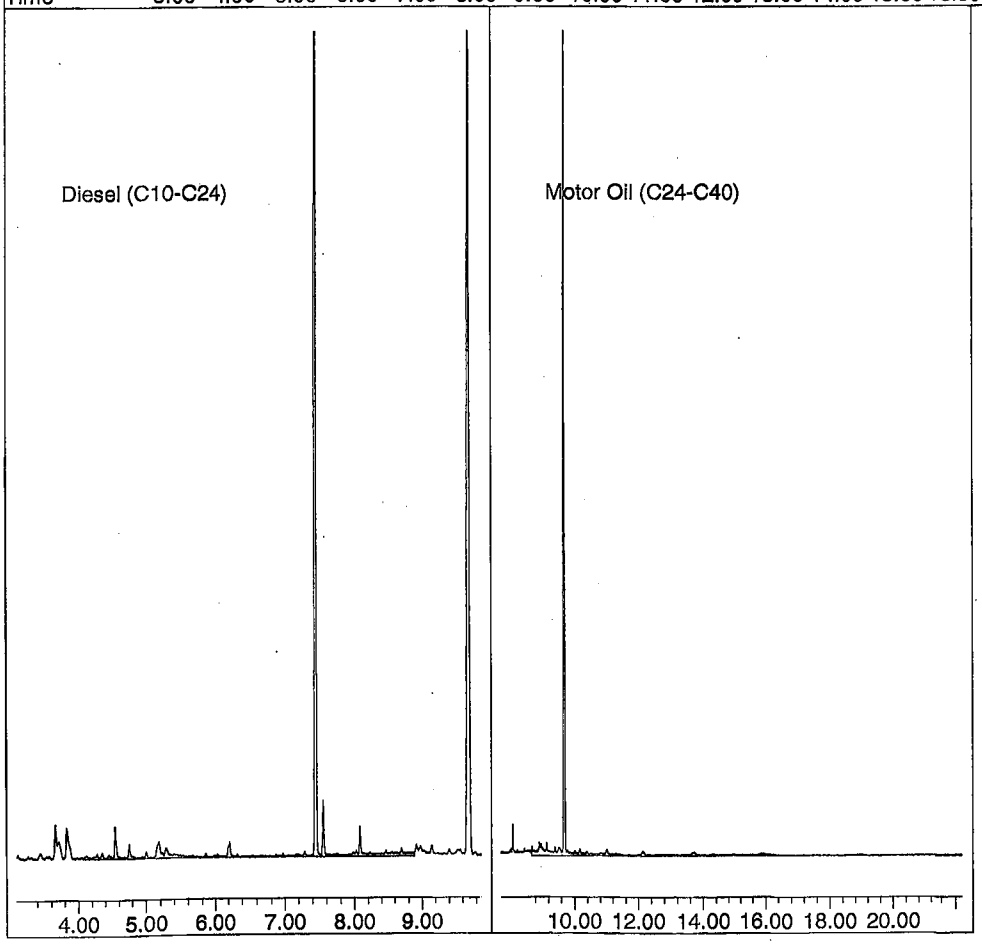
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 12 17:55:30 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.44	129776149	103.738 ppb
Surrogate Spike 150.000		Recovery =	69.16%
4) SA Octacosane(S)	9.69	117312840	129.689 ppb
Surrogate Spike 150.000		Recovery =	86.46%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	48042318	47.724 ppb
2) HBTM Motor Oil (C24-C40)	14.96	70719469	53.876 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\211108\1108057.D
Sample : 211105A BLK 5/1000





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211108\1108058.D Vial: 58
Acq On : 11-9-21 12:22:28 Operator: KA
Sample : 211105A LCS-1 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 13 14:20 2021 Quant Results File: DOC1028.RES

Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 12 17:55:30 2021
Response via : Multiple Level Calibration

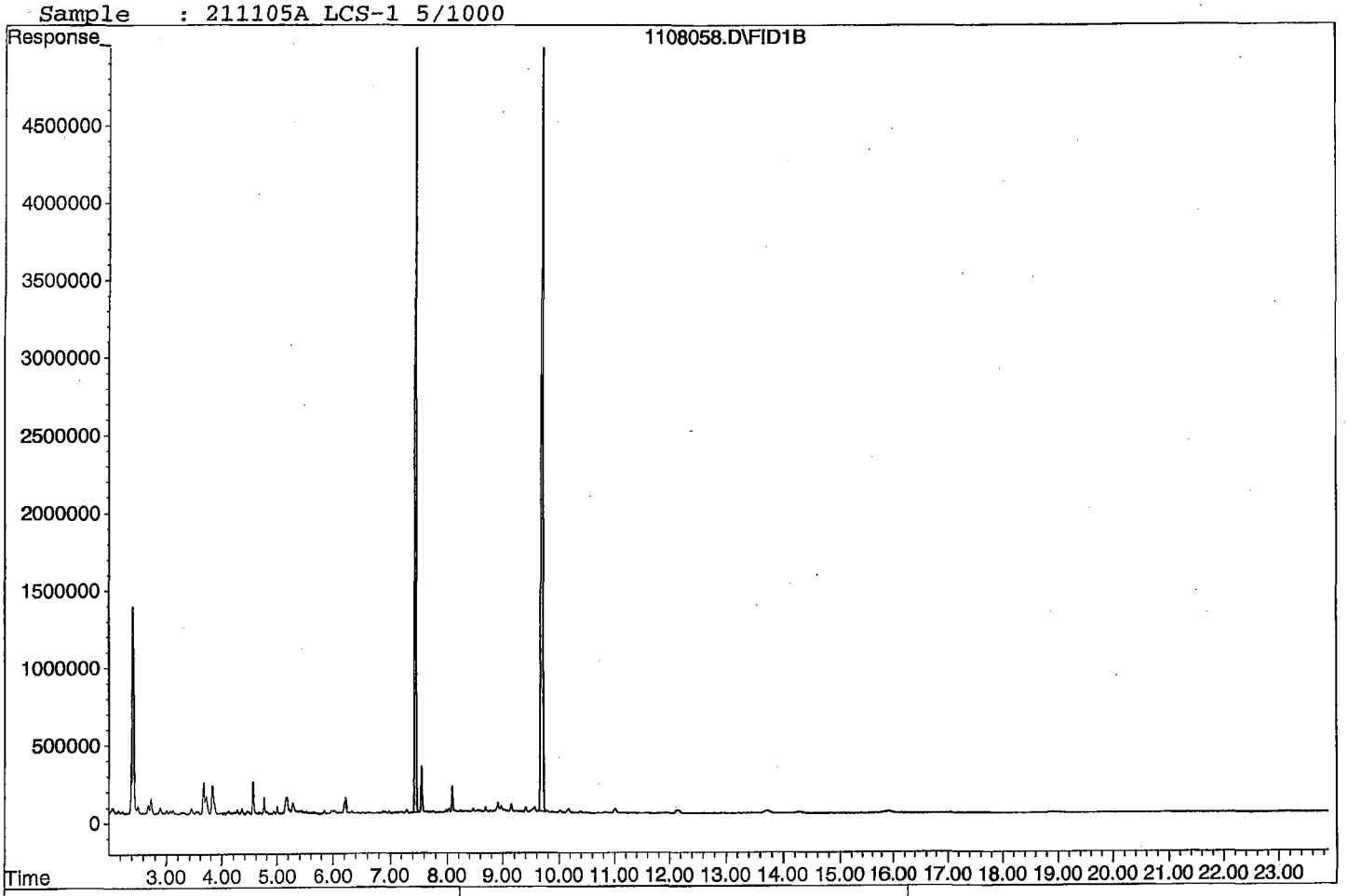
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

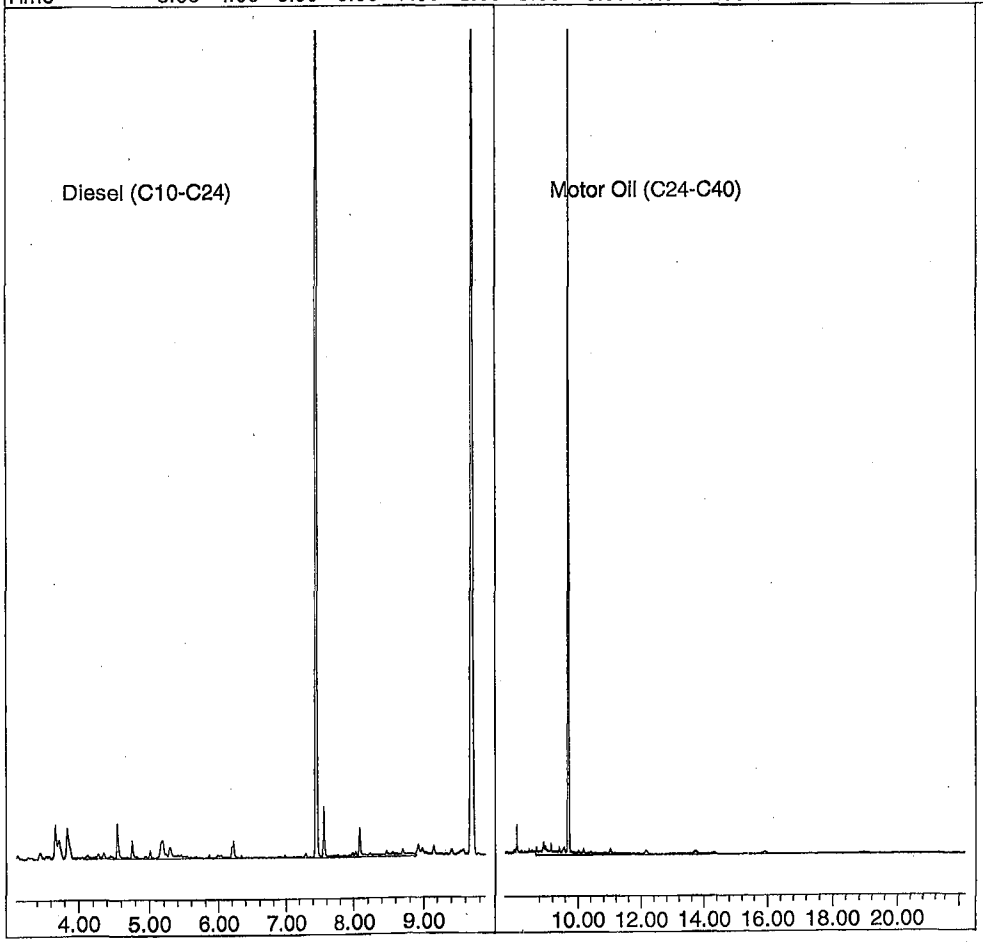
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.44	127962882	102.288 ppb
Surrogate Spike 150.000		Recovery =	68.19%
4) SA Octacosane(S)	9.69	114623016	126.715 ppb
Surrogate Spike 150.000		Recovery =	84.48%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	47643019	47.327 ppb
2) HBTM Motor Oil (C24-C40)	14.96	62773293	42.163 ppb
Target Compounds			

Diesel:

$$\frac{(47643019)(5)}{(25166169)(2)} = \frac{2382.15095}{5033338} = 47.327$$

Data File: G:\APOLLO\DATA\211108\1108058.D
Sample : 211105A LCS-1 5/1000





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\211108\1108059.D Vial: 59
Acq On : 11-9-21 12:50:33 Operator: KA
Sample : 211105 LCSD-1 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Nov 13 14:20 2021 Quant Results File: DOC1028.RES

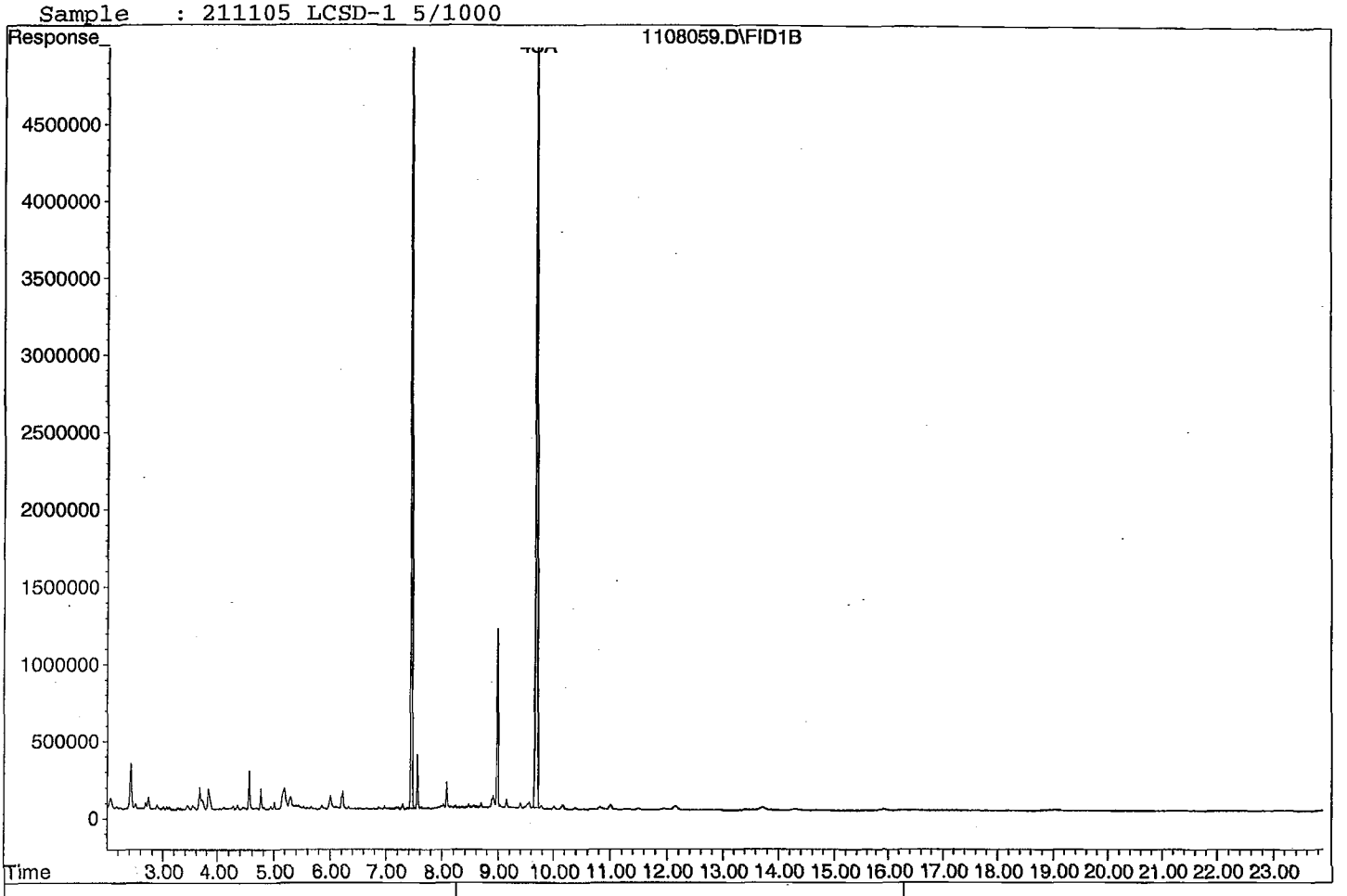
Method : G:\APOLLO\DATA\211028\DOC1028.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Fri Nov 12 17:55:30 2021
Response via : Multiple Level Calibration

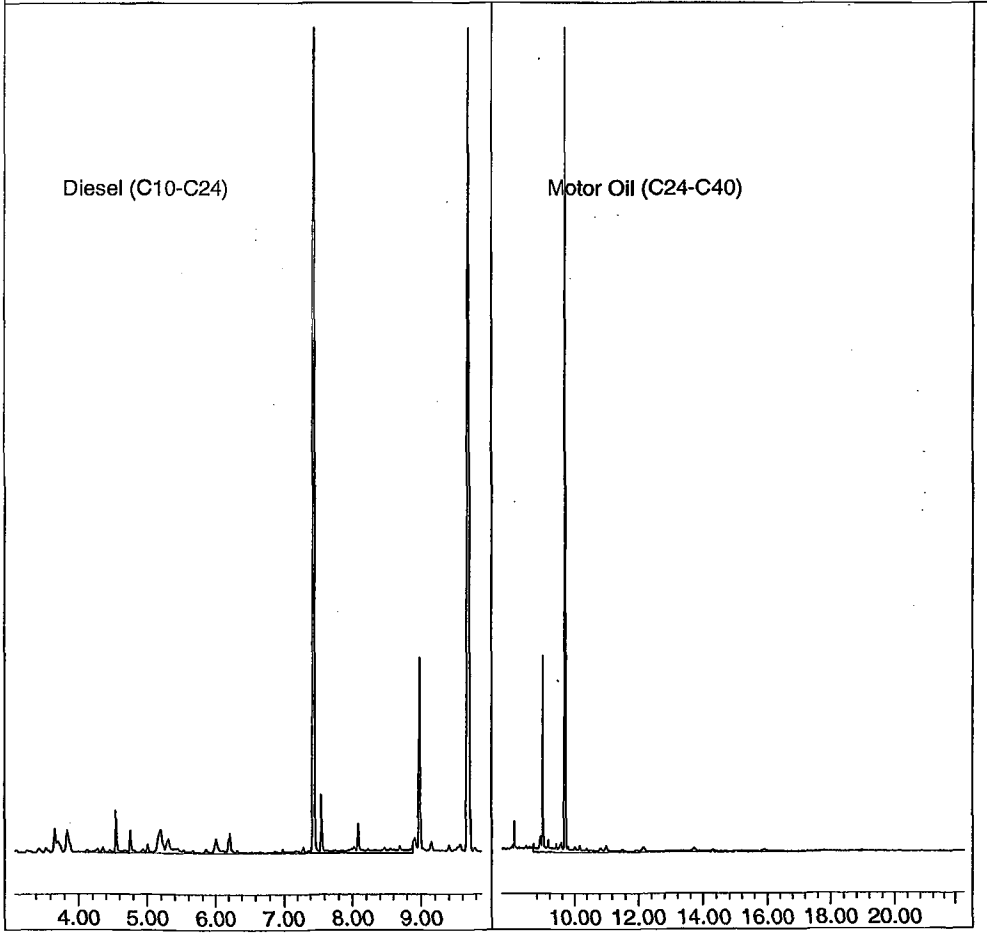
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.44	118214918	94.496 ppb
Surrogate Spike 150.000		Recovery =	63.00%
4) SA Octacosane(S)	9.69	106718485	117.977 ppb
Surrogate Spike 150.000		Recovery =	78.65%
Target Compounds			
1) HATM Diesel (C10-C24)	6.49	60814702	60.412 ppb
2) HBTM Motor Oil (C24-C40)	14.96	91490342	84.495 ppb

Target Compounds

Data File: G:\APOLLO\DATA\211108\1108059.D
Sample : 211105 LCSD-1 5/1000





Diesel / Motor Oil Calibration Curve

Prepared: 10/28/2021
Expires: 5/31/2026
Methylene Chloride Lot No. 61117

Prepared By (Initials): KA

Initial Standard Information							Final Standard			
Name of Initial Standard (QAU Label)	Supplier	Conc. (ug/mL)	APPL Mix Name	Reference to APPL Prep Date and Lot #'s	Exp. Date	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Diesel / Motor Oil - 2	APPL	10	Diesel / Motor Oil - 1	Perp'd: 10/6/21 A0164485-52822, A0168842-52820, AO166510-52817 CL16893-52835	See man. Exp date	10/31/2027 12/31/2027 5/31/2026	100uL	200uL	MC	5
Diesel / Motor Oil - 3		50	Diesel / Motor Oil - 2				200uL	1mL	MC	10
Diesel / Motor Oil Calibration STD	Restek	2,000	Diesel / Motor Oil - 3				25uL	1mL	MC	50
			Diesel / Motor Oil - 4				125uL	1mL	MC	250
			Diesel / Motor Oil - 5				500uL	1mL	MC	1000
			Diesel / Motor Oil - 6				750uL	1mL	MC	1500
			Diesel / Motor Oil - 7				100uL	100uL	N/A	2,000

Diesel / Motor Oil Second Source

Prepared: 10/28/2021
Expires: 10/28/2024
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

THC Surrogate

Prepared: 10/29/2021 **LS**

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	**CL16893-52841**	**See ma. Date**	**5/31/2026**	N/A	N/A	N/A	600

Organic Extraction Worksheet

Method	Continuous Liq/Liq TPH-Diesel/MO 3520C	Extraction Set	211105A	Extraction Method	LIQ005	Units	mL

Spiked ID 1			Surrogate ID 1	THC Surrogate 10/29/21-10/29/22	
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:	11/05/21 14:30	
Spiked ID 8			Ext. End Time:	11/08/21 12:05	
			GC Requires Extract By:		

pH1	2	11/05/21 13:50	Water Bath Temp 1 °C	40/ 39.1 °C
pH2			Water Bath Temp 2 °C	37/ 38.1
pH3			Water Bath Temp 3 °C	40/ 39.1 °C

Spiked By: KY **Date** 11/5/2021 1:55:00 PM **Witnessed By:** AGM **Date** 11/5/2021 1:55:00 PM

	Sample	Sample Container	Spike Amount	Spike ID	Surrogate Amount	Surrogate ID	Extract Amount	Final Volume	pH	Extract Date/Time	Comments
1	211105A Blk				0.250	1 equip	1000	5	2	11/05/21 13:55	
2	211105A LCS-1		1		0.250	1 equip	1000	5	2	11/05/21 13:55	
3	211105A LCSD-1		1		0.250	1 equip	1000	5	2	11/05/21 13:55	
4	BA45102	BA45102W01			0.250	1 equip	1000	5	2	11/05/21 13:55	98098
5	BA45103	BA45103W01			0.250	1 equip	1000	5	2	11/05/21 13:55	98098
6	BA45106	BA45106W01			0.250	1 equip	1000	5	2	11/05/21 13:55	98097
7	BA45115	BA45115W01			0.250	1 equip	1000	5	2	11/05/21 13:55	98096
8	BA45116	BA45116W01			0.250	1 equip	1000	5	2	11/05/21 13:55	98096
9	BA45117	BA45117W01			0.250	1 equip	1000	5	2	11/05/21 13:55	98096
10	BA45118	BA45118W01			0.250	1 equip	1000	5	2	11/05/21 13:55	98096

Solvent and Lot#	
1+1 HCL (5mLs)	60358
PH Strips	HC155968
Dicholormethane	61117
Filter Paper	1441-150
Sodium Sulfate	2021071206

Extraction COC Transfer	
Extraction lab employee Initials	
GC analyst's initials	CW
Date	11/8/21
Time	14:20
Refrigerator	Hobart

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

Modified	11/5/2021 1:26:26 PM

Reviewed By: **Date**

Injection Log

Directory: G:\APOLLO\DATA\211028\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	3	1028003.D	1	DMO STD 1 10/28/21	water	10-28-21 9:19:03
2	4	1028004.D	1	DMO STD 2 10/28/21	water	10-28-21 9:47:06
3	5	1028005.D	1	DMO STD 3 10/28/21	water	10-28-21 10:15:13
4	6	1028006.D	1	DMO STD 4 10/28/21	water	10-28-21 10:43:31
5	7	1028007.D	1	DMO STD 5 10/28/21	water	10-28-21 11:11:42
6	8	1028008.D	1	DMO STD 6 10/28/21	water	10-28-21 11:39:55
7	9	1028009.D	1	DMO STD 7 10/28/21	water	10-28-21 12:08:10
8	10	1028010.D	1	DMO Second Source 10/28/21	water	10-28-21 12:36:26
9	56	1108056.D	1	DMO LVL 4 CCV 10/27/21	water	11-9-21 11:26:11
10	57	1108057.D	5	211105A BLK 5/1000	water	11-9-21 11:54:22
11	58	1108058.D	5	211105A LCS-1 5/1000	water	11-9-21 12:22:28
12	59	1108059.D	5	211105 LCSD-1 5/1000	water	11-9-21 12:50:33
13	62	1108062.D	5	BA45106W01 5/1000	water	11-9-21 14:15:03
14	73	1108073.D	1	DMO LVL 4 CCV 10/27/21	water	11-9-21 19:25:40

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

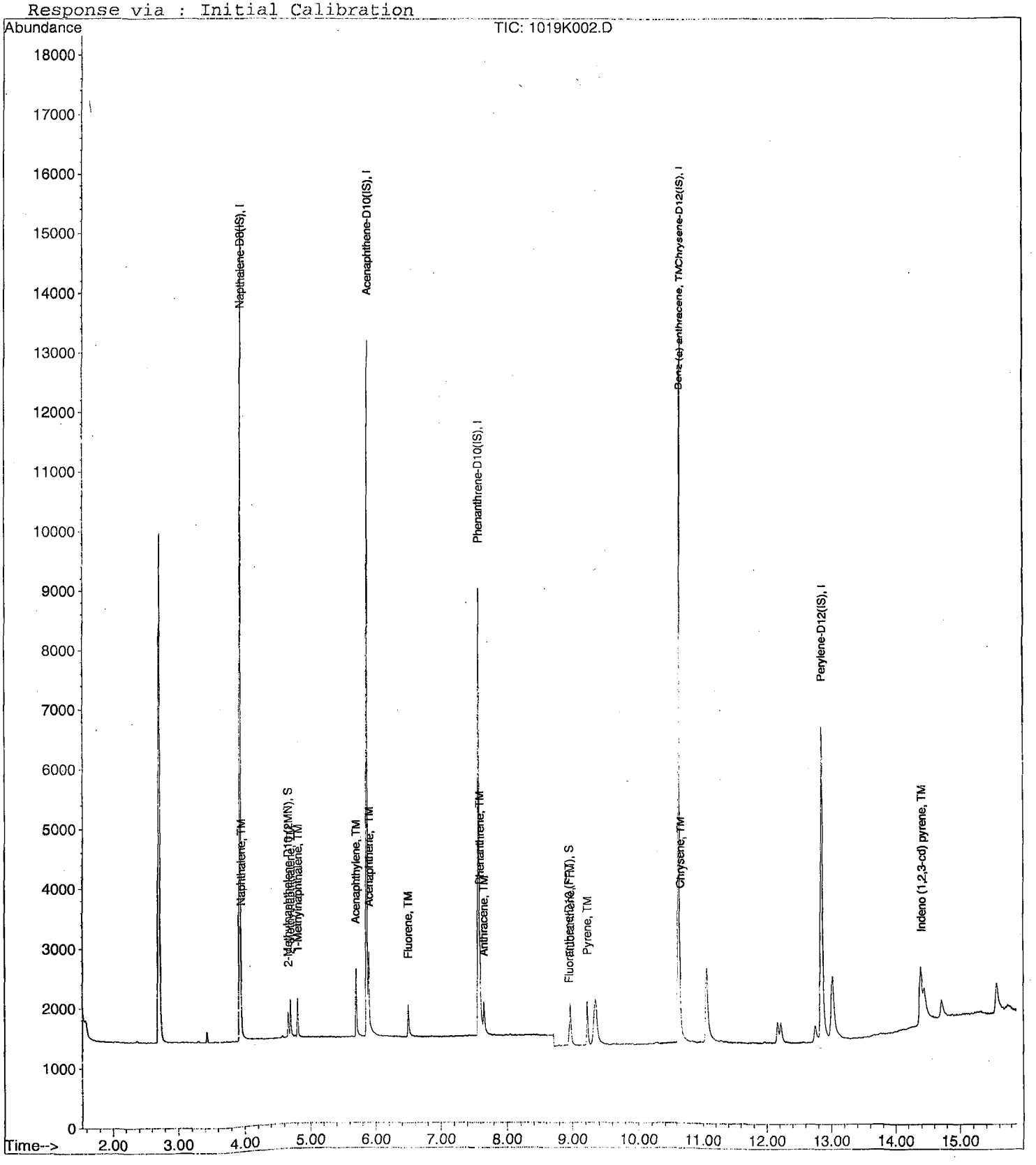
Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K002.D
Acq On : 19 Oct 21 14:09
Sample : 0.1 ug/ml 10/13/21
Misc :

Vial: 2
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\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

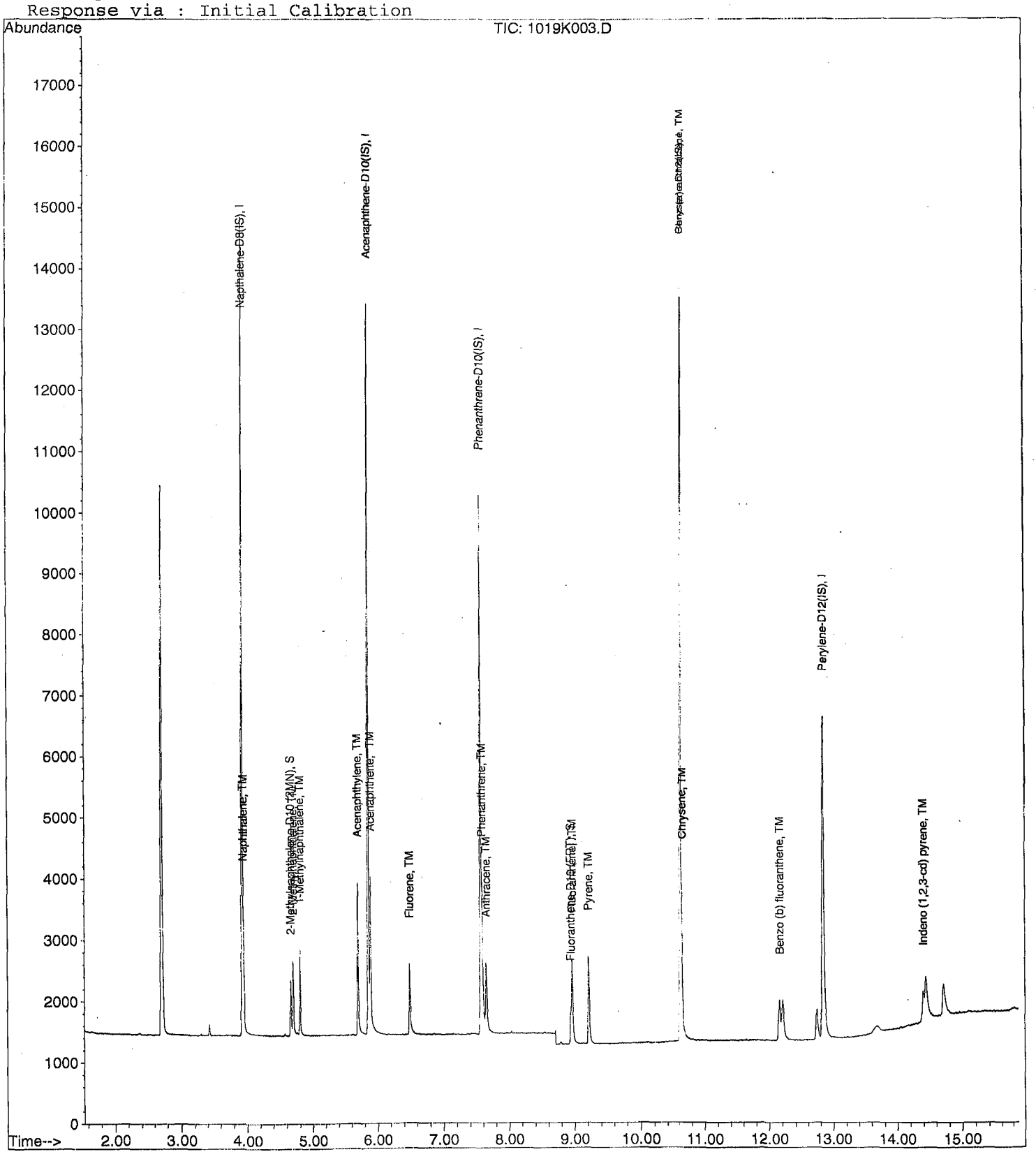
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K003.D 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

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

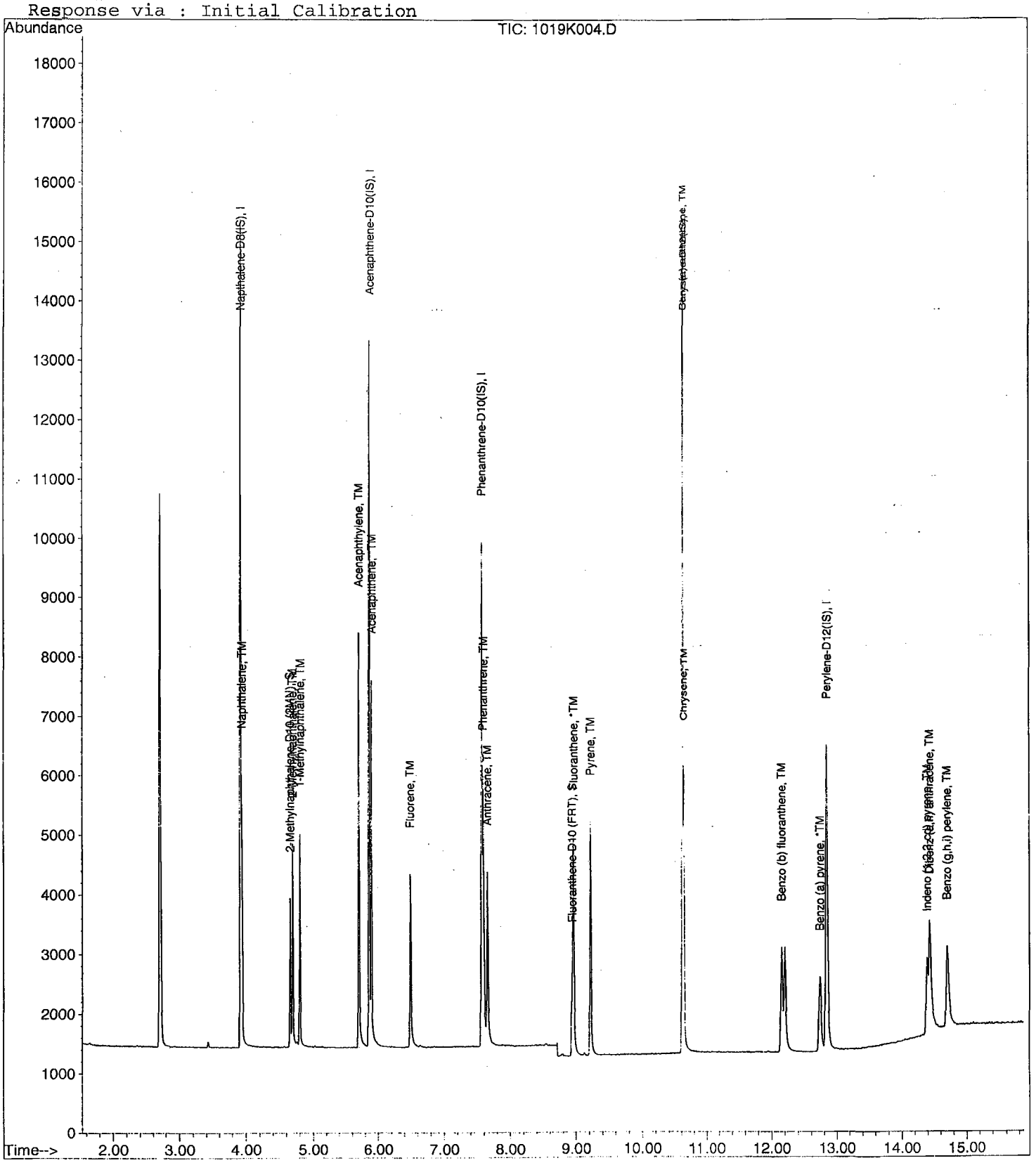
Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K004.D
Acq On : 19 Oct 21 14:49
Sample : 0.5 ug/ml 10/13/21
Misc :

Vial: 4
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\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

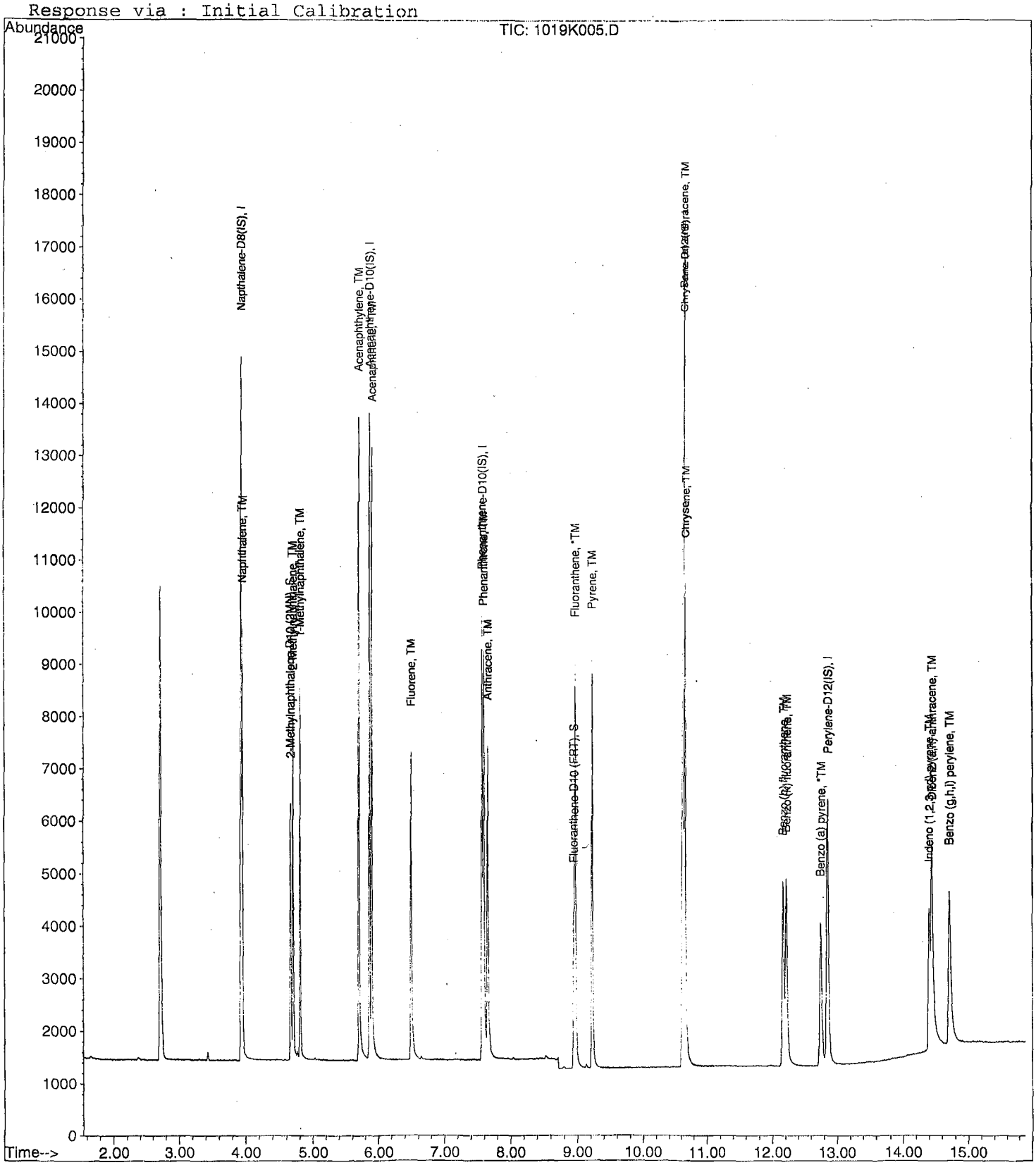
Quantitation Report

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

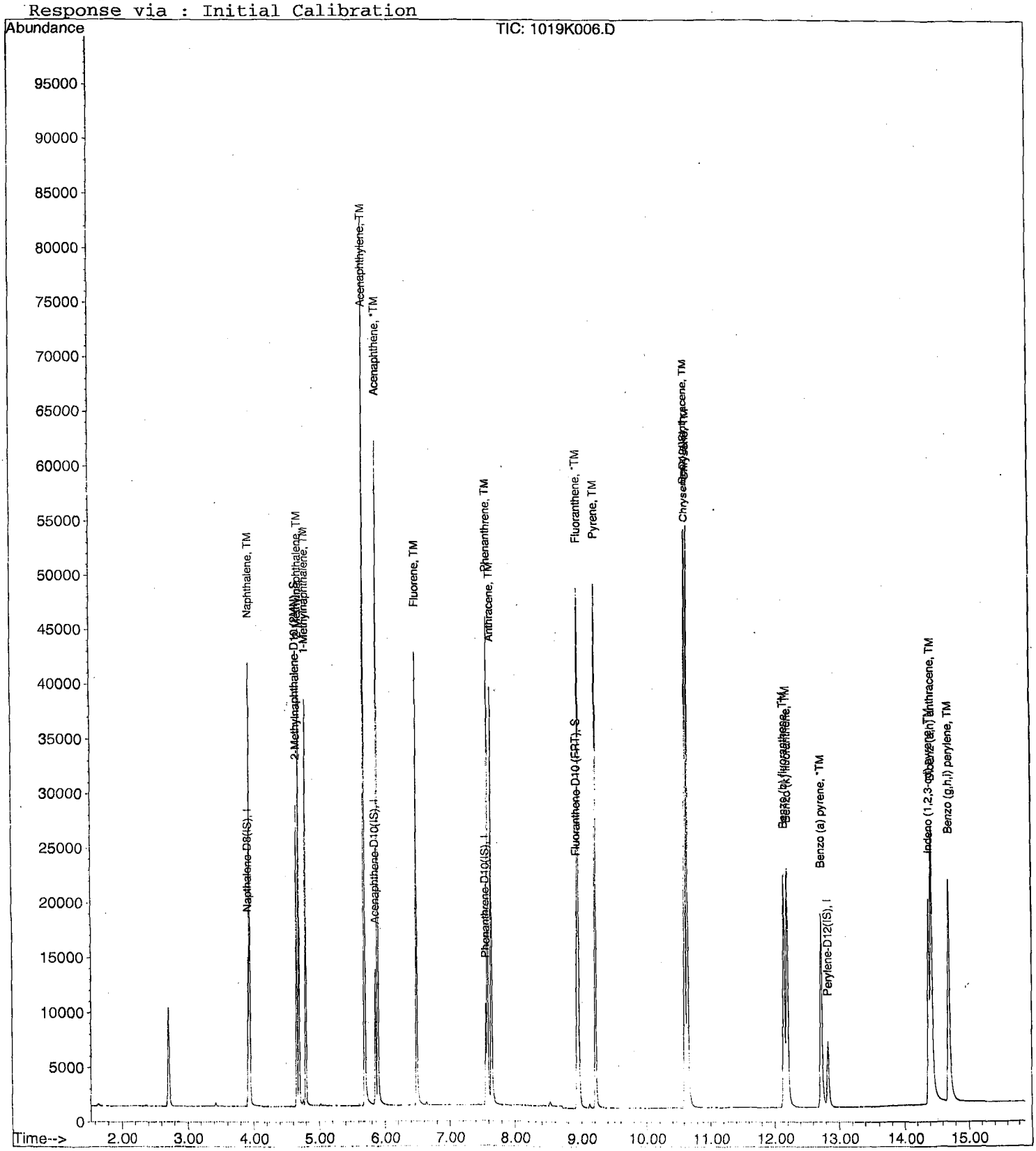
Quantitation Report

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

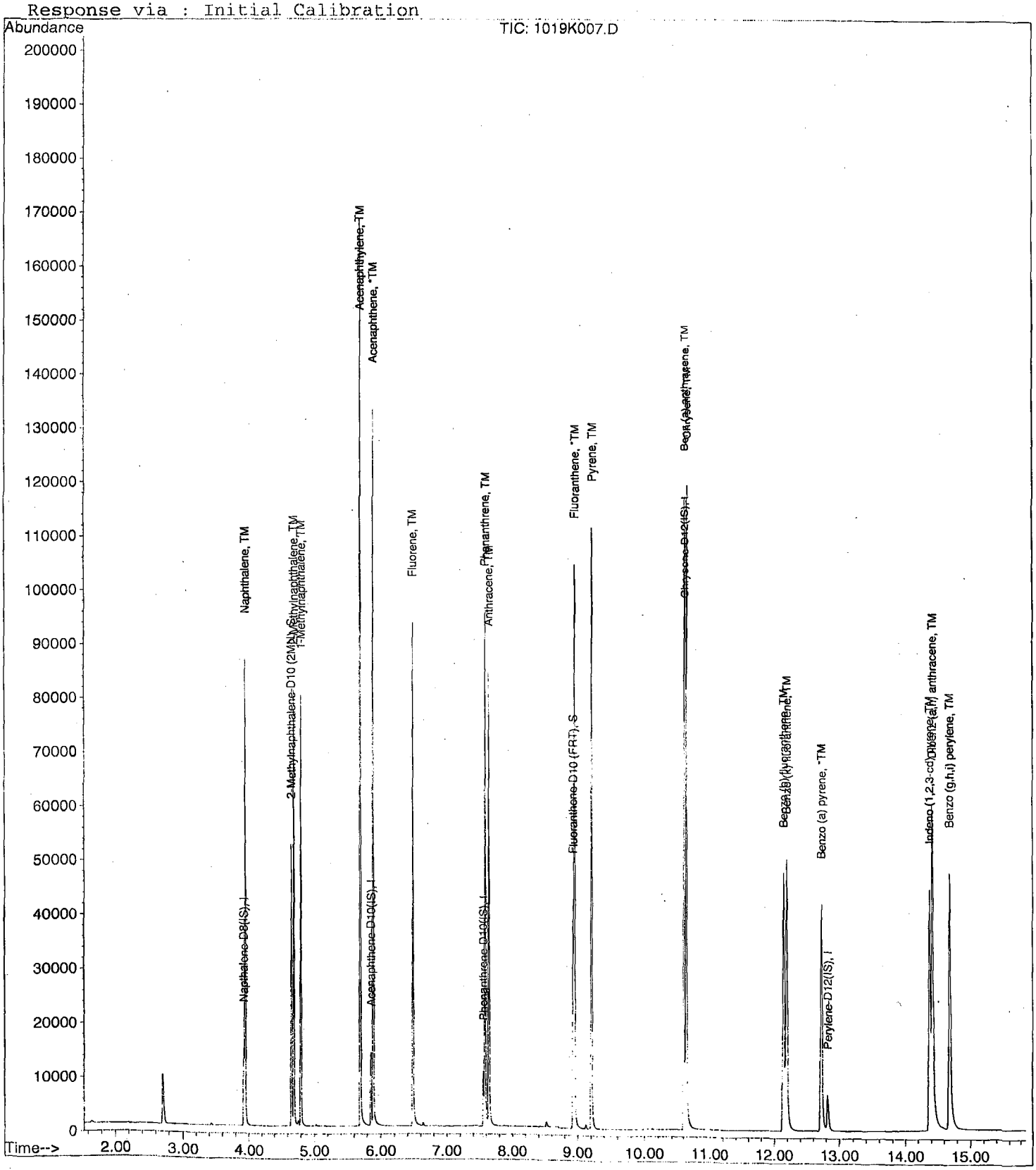
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K007.D 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

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

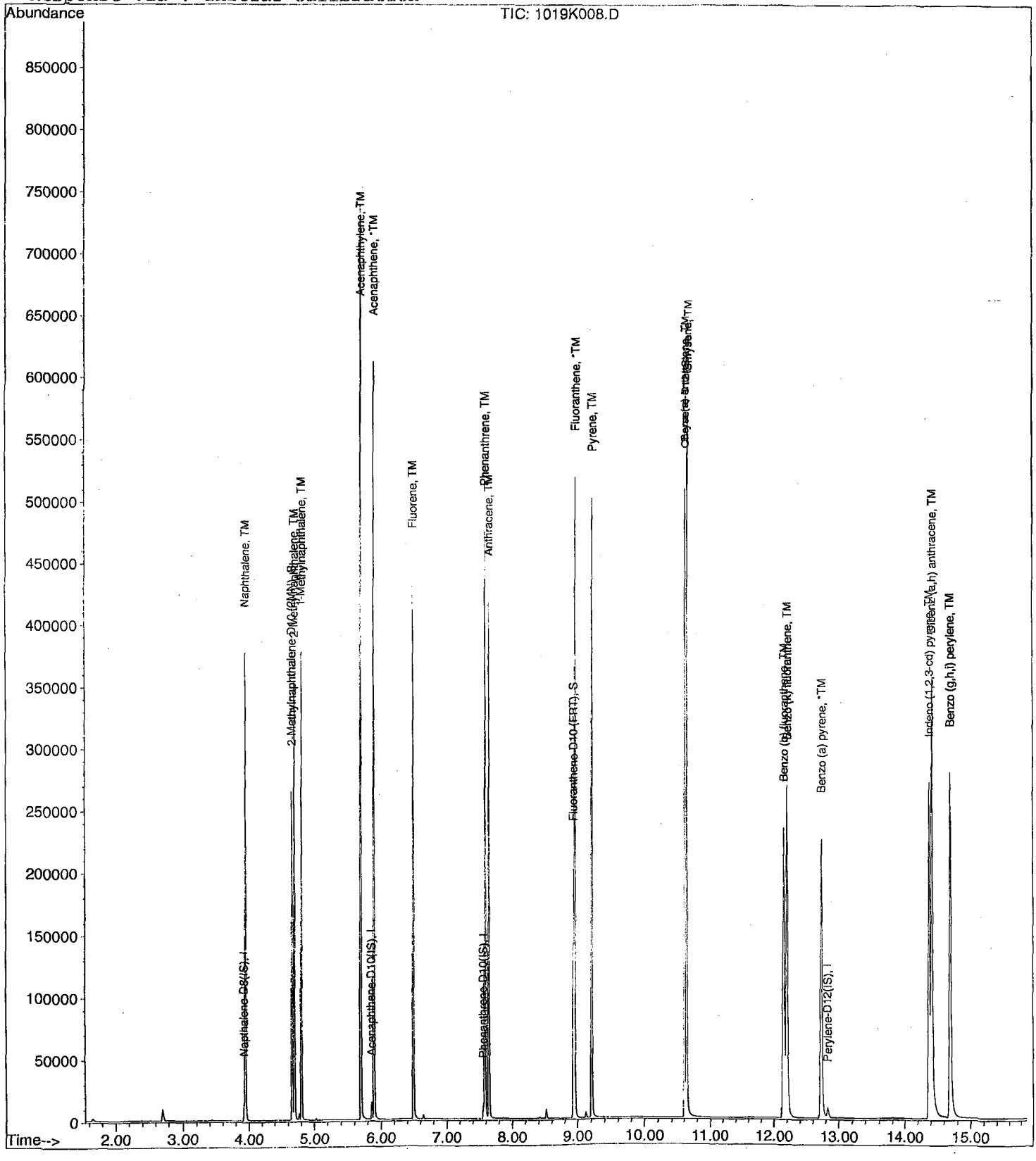
Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K008.D
Acq On : 19 Oct 21 16:09
Sample : 50 ug/ml 10/13/21
Misc :

Vial: 8
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\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

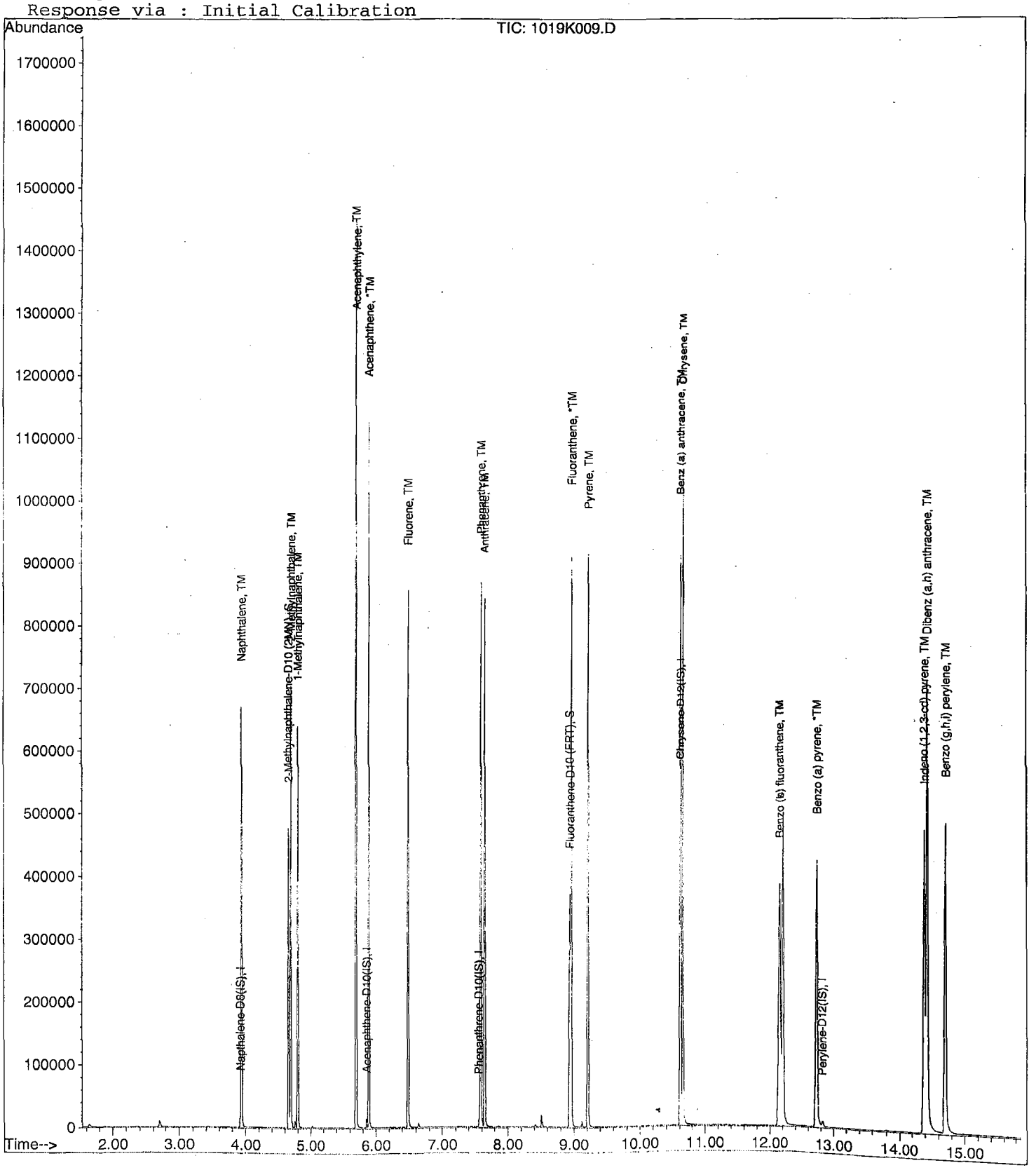
Quantitation Report

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



PAH by GCMS SIM
EPA 8270 SIM

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		

PAH by GCMS SIM
EPA 8270 SIM

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

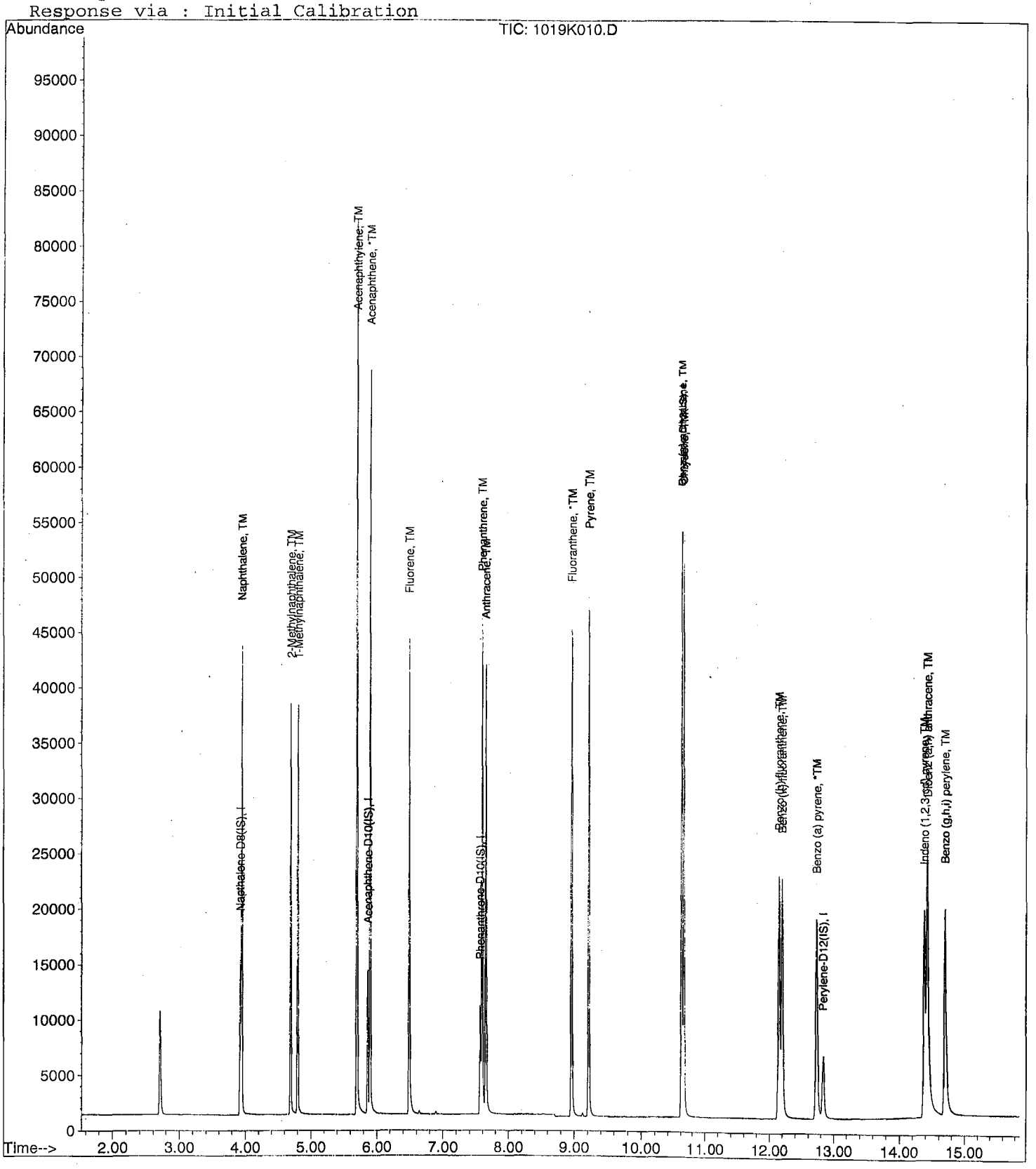
(#) = qualifier out of range (m) = manual integration

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: 11/10/2021
Instrument: KYLO
Initial Cal. Date: 10/19/2021
Data File: 1019K394.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Napthalene-D8(IS)	ISTD			I	
2	TM	Naphthalene	1.299	1.310	0.91	TM	
3	S	2-Methylnaphthalene-D10 (2MN)	1.277	1.245	2.5	S	
4	TM	2-Methylnaphthalene	0.7611	0.8035	5.6	TM	
5	TM	1-Methylnaphthalene	0.7681	0.7785	1.4	TM	
6	I	Acenaphthene-D10(IS)	ISTD			I	
7	TM	Acenaphthylene	5.176	5.411	4.6	TM	
8	*TM	Acenaphthene	1.371	1.440	5.0	*TM	
9	TM	Fluorene	1.589	1.684	6.0	TM	
10	I	Phenanthrene-D10(IS)	ISTD			I	
11	TM	Phenanthrene	1.376	1.426	3.7	TM	
12	TM	Anthracene	1.299	1.382	6.4	TM	
13	S	Fluoranthene-D10 (FRT)	1.949	1.995	2.4	S	
14	*TM	Fluoranthene	2.137	2.314	8.3	*TM	
15	I	Chrysene-D12(IS)	ISTD			I	
16	TM	Pyrene	1.914	1.963	2.6	TM	
17	TM	Benz (a) anthracene	1.401	1.467	4.7	TM	
18	TM	Chrysene	1.558	1.616	3.8	TM	
19	TML	Indeno (1,2,3-cd) pyrene	1.272	1.098	14	TML	2.3
20	I	Perylene-D12(IS)	ISTD			I	
21	TM	Benzo (b) fluoranthene	1.408	1.507	7.0	TM	
22	TM	Benzo (k) fluoranthene	1.610	1.739	8.0	TM	
23	*TM	Benzo (a) pyrene	1.341	1.476	10	*TM	
24	TM	Dibenz (a,h) anthracene	1.326	1.484	12	TM	
25	TM	Benzo (g,h,i) perylene	1.443	1.530	6.0	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\1019K394.D Vial: 94
Acq On : 10 Nov 21 12:54 Operator: LS
Sample : 5 ug/ml 10/19/21 (1) Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Nov 10 13:41 2021 Quant Results File: K1019.RES

Quant 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
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	3.89	136	14759	2.50000 ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	6889	2.50000 ppb	-0.03
10) Phenanthrene-D10(IS)	7.52	188	10656	2.50000 ppb	-0.03
15) Chrysene-D12(IS)	10.59	240	12960	2.50000 ppb	-0.03
20) Perylene-D12(IS)	12.77	264	11828	2.50000 ppb	-0.06
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.62	152	18370	2.43738 ppb	-0.03
Spiked Amount 5.000			Recovery =	48.740%	
13) Fluoranthene-D10 (FRT)	8.90	212	21263	2.55971 ppb	-0.03
Spiked Amount 5.000			Recovery =	51.200%	
Target Compounds					Qvalue
2) Naphthalene	3.91	128	38682	5.04550 ppb	100
4) 2-Methylnaphthalene	4.66	142	23717	5.27842 ppb	96
5) 1-Methylnaphthalene	4.77	142	22980	5.06766 ppb	99
7) Acenaphthylene	5.66	152	74559	5.22780 ppb	100
8) Acenaphthene	5.86	154	19836	5.25101 ppb	99
9) Fluorene	6.45	166	23204	5.30078 ppb	99
11) Phenanthrene	7.55	178	30397	5.18344 ppb	99
12) Anthracene	7.61	178	29459	5.31864 ppb	99
14) Fluoranthene	8.92	202	49325	5.41438 ppb	98
16) Pyrene	9.18	202	50889	5.12846 ppb	97
17) Benz (a) anthracene	10.57	228	38014	5.23320 ppb	100
18) Chrysene	10.62	228	41898	5.18797 ppb	98
19) Indeno (1,2,3-cd) pyrene	14.33	276	28462	4.88368 ppb	94
21) Benzo (b) fluoranthene	12.09	252	35654	5.35245 ppb	99
22) Benzo (k) fluoranthene	12.13	252	41144	5.40131 ppb	99
23) Benzo (a) pyrene	12.67	252	34906	5.50165 ppb	99
24) Dibenz (a,h) anthracene	14.38	278	35110	5.59662 ppb	98
25) Benzo (g,h,i) perylene	14.65	276	36190	5.30085 ppb	99

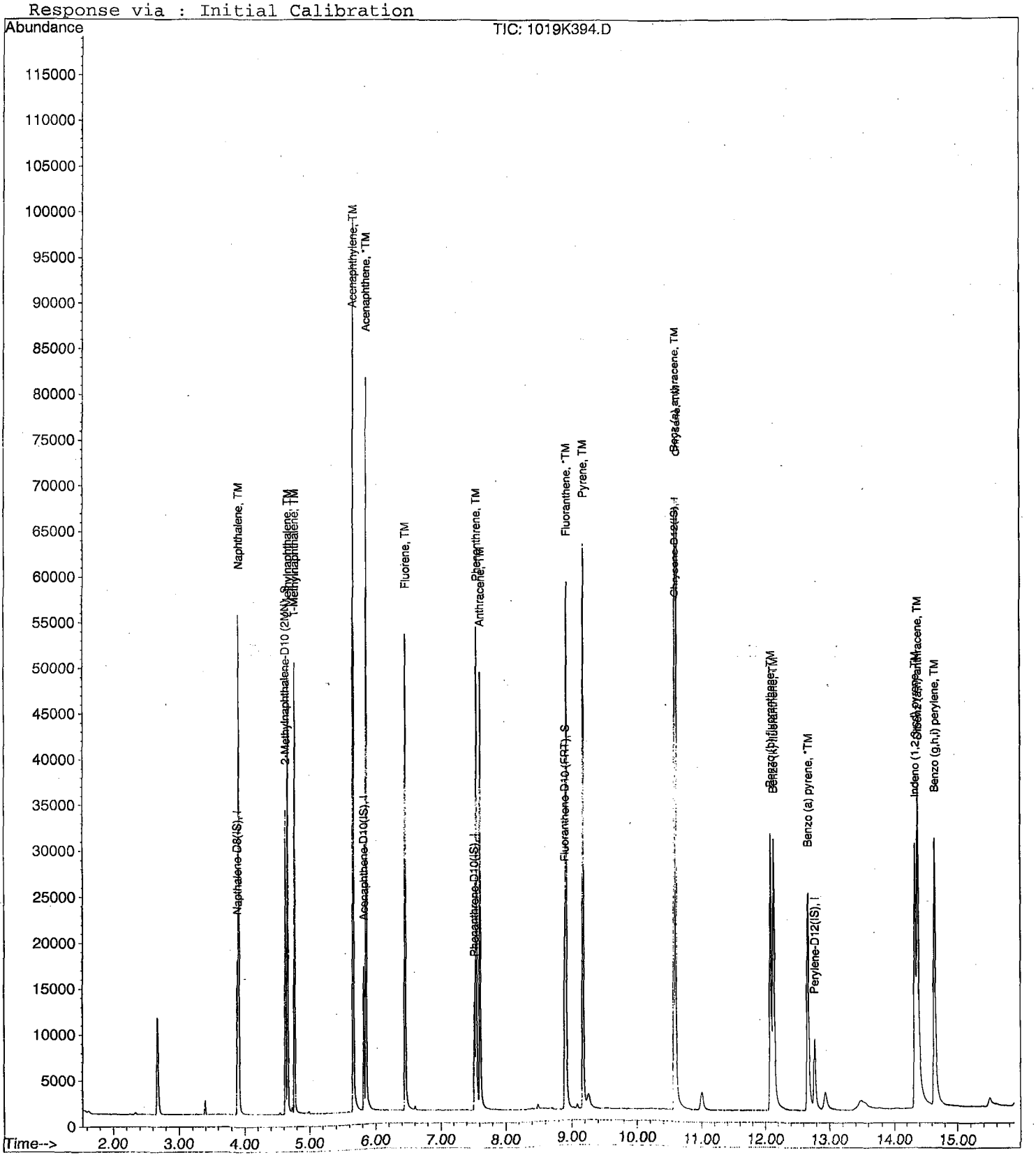
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K394.D Vial: 94
Acq On : 10 Nov 21 12:54 Operator: LS
Sample : 5 ug/ml 10/19/21 (1) Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Nov 10 13:41 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.
Case No:
Matrix:

SDG No:
Date Analyzed: 11/11/2021
Instrument: KYLO
Initial Cal. Date: 10/19/2021
Data File: 1019K431.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Napthalene-D8(IS)	ISTD			I	
2	TM	Naphthalene	1.299	1.305	0.48	TM	
3	S	2-Methylnaphthalene-D10 (2MN)	1.277	1.260	1.3	S	
4	TM	2-Methylnaphthalene	0.7611	0.7828	2.9	TM	
5	TM	1-Methylnaphthalene	0.7681	0.7938	3.3	TM	
6	I	Acenaphthene-D10(IS)	ISTD			I	
7	TM	Acenaphthylene	5.176	5.415	4.6	TM	
8	*TM	Acenaphthene	1.371	1.410	2.9	*TM	
9	TM	Fluorene	1.589	1.658	4.4	TM	
10	I	Phenanthrene-D10(IS)	ISTD			I	
11	TM	Phenanthrene	1.376	1.427	3.7	TM	
12	TM	Anthracene	1.299	1.363	4.9	TM	
13	S	Fluoranthene-D10 (FRT)	1.949	2.104	8.0	S	
14	*TM	Fluoranthene	2.137	2.362	10	*TM	
15	I	Chrysene-D12(IS)	ISTD			I	
16	TM	Pyrene	1.914	1.968	2.8	TM	
17	TM	Benz (a) anthracene	1.401	1.382	1.4	TM	
18	TM	Chrysene	1.558	1.580	1.4	TM	
19	TML	Indeno (1,2,3-cd) pyrene	1.272	0.9321	27	TML	17
20	I	Perylene-D12(IS)	ISTD			I	
21	TM	Benzo (b) fluoranthene	1.408	1.467	4.2	TM	
22	TM	Benzo (k) fluoranthene	1.610	1.741	8.1	TM	
23	*TM	Benzo (a) pyrene	1.341	1.433	6.9	*TM	
24	TM	Dibenz (a,h) anthracene	1.326	1.333	0.51	TM	
25	TM	Benzo (g,h,i) perylene	1.443	1.457	0.95	TM	
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
		Average			5.0		

Quantitation Report (Not Reviewed)

Data File : M:\KYLO\DATA\211019\1019K431.D Vial: 131
Acq On : 11 Nov 21 2:19 Operator: LS
Sample : 5 ug/ml 10/10/21 (2) Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Nov 11 8:19 2021 Quant Results File: K1019.RES

Quant 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
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	3.89	136	13340	2.50000 ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	6593	2.50000 ppb	-0.03
10) Phenanthrene-D10(IS)	7.52	188	10257	2.50000 ppb	-0.03
15) Chrysene-D12(IS)	10.58	240	12604	2.50000 ppb	-0.04
20) Perylene-D12(IS)	12.77	264	10995	2.50000 ppb	-0.06
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.63	152	16809	2.46750 ppb	-0.03
Spiked Amount 5.000			Recovery =	49.340%	
13) Fluoranthene-D10 (FRT)	8.90	212	21579	2.69880 ppb	-0.04
Spiked Amount 5.000			Recovery =	53.980%	
Target Compounds					Qvalue
2) Naphthalene	3.91	128	34813	5.02386 ppb	100
4) 2-Methylnaphthalene	4.66	142	20885	5.14256 ppb	98
5) 1-Methylnaphthalene	4.77	142	21178	5.16706 ppb	99
7) Acenaphthylene	5.66	152	71402	5.23121 ppb	100
8) Acenaphthene	5.86	154	18598	5.14432 ppb	99
9) Fluorene	6.45	166	21862	5.21843 ppb	100
11) Phenanthrene	7.55	178	29271	5.18559 ppb	99
12) Anthracene	7.61	178	27965	5.24531 ppb	99
14) Fluoranthene	8.92	202	48447	5.52487 ppb	99
16) Pyrene	9.17	202	49622	5.14202 ppb	99
17) Benz (a) anthracene	10.57	228	34835	4.93101 ppb	99
18) Chrysene	10.61	228	39821	5.07006 ppb	98
19) Indeno (1,2,3-cd) pyrene	14.33	276	23496	4.17415 ppb	97
21) Benzo (b) fluoranthene	12.08	252	32255	5.20904 ppb	98
22) Benzo (k) fluoranthene	12.13	252	38276	5.40549 ppb	99
23) Benzo (a) pyrene	12.67	252	31522	5.34469 ppb	99
24) Dibenz (a,h) anthracene	14.37	278	29308	5.02571 ppb	96
25) Benzo (g,h,i) perylene	14.64	276	32032	5.04727 ppb	99

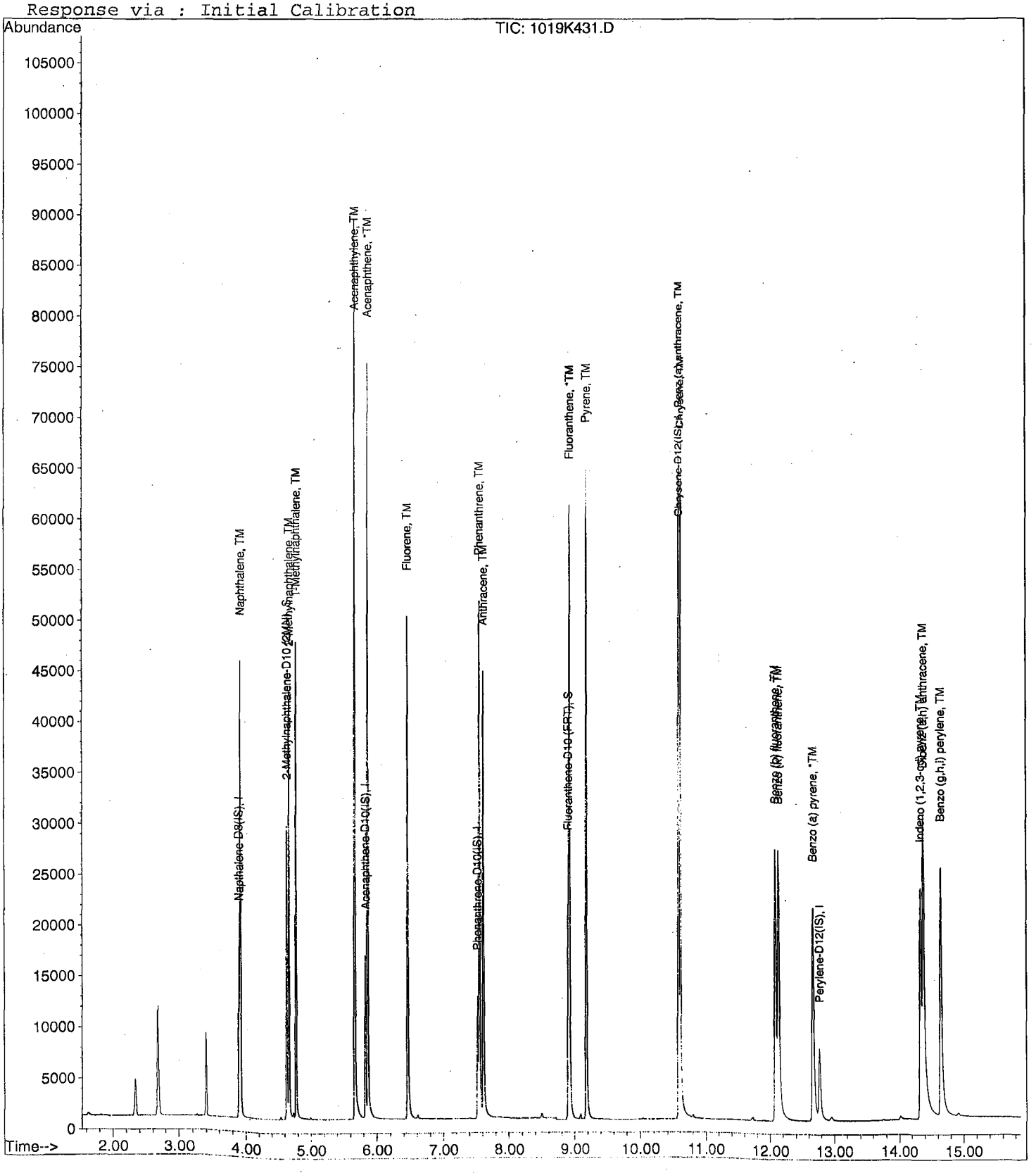
(#) = qualifier out of range (m) = manual integration

Data File : M:\KYLO\DATA\211019\1019K431.D
Acq On : 11 Nov 21 2:19
Sample : 5 ug/ml 10/10/21 (2)
Misc :

Vial: 131
Operator: LS
Inst : KYLO
Multiplr: 1.00

Quant Time: Nov 11 8:19 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\1019K406.D Vial: 106
Acq On : 10 Nov 21 18:01 Operator: LS
Sample : BA45105W08 1/950 Inst : KYLO
Misc : Multiplr: 1.05

Quant Time: Nov 11 8:56 2021 Quant Results File: K1019.RES

Quant 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
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	3.89	136	13977	2.50000 ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	6977	2.50000 ppb	-0.03
10) Phenanthrene-D10(IS)	7.52	188	10772	2.50000 ppb	-0.03
15) Chrysene-D12(IS)	10.58	240	12755	2.50000 ppb	-0.04
20) Perylene-D12(IS)	12.77	264	11407	2.50000 ppb	-0.06
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.62	152	28352	4.18135 ppb	-0.03
Spiked Amount 5.263			Recovery =	79.439%	
13) Fluoranthene-D10 (FRT)	8.90	212	37036	4.64263 ppb	-0.04
Spiked Amount 5.263			Recovery =	88.217%	

Target Compounds Qvalue

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

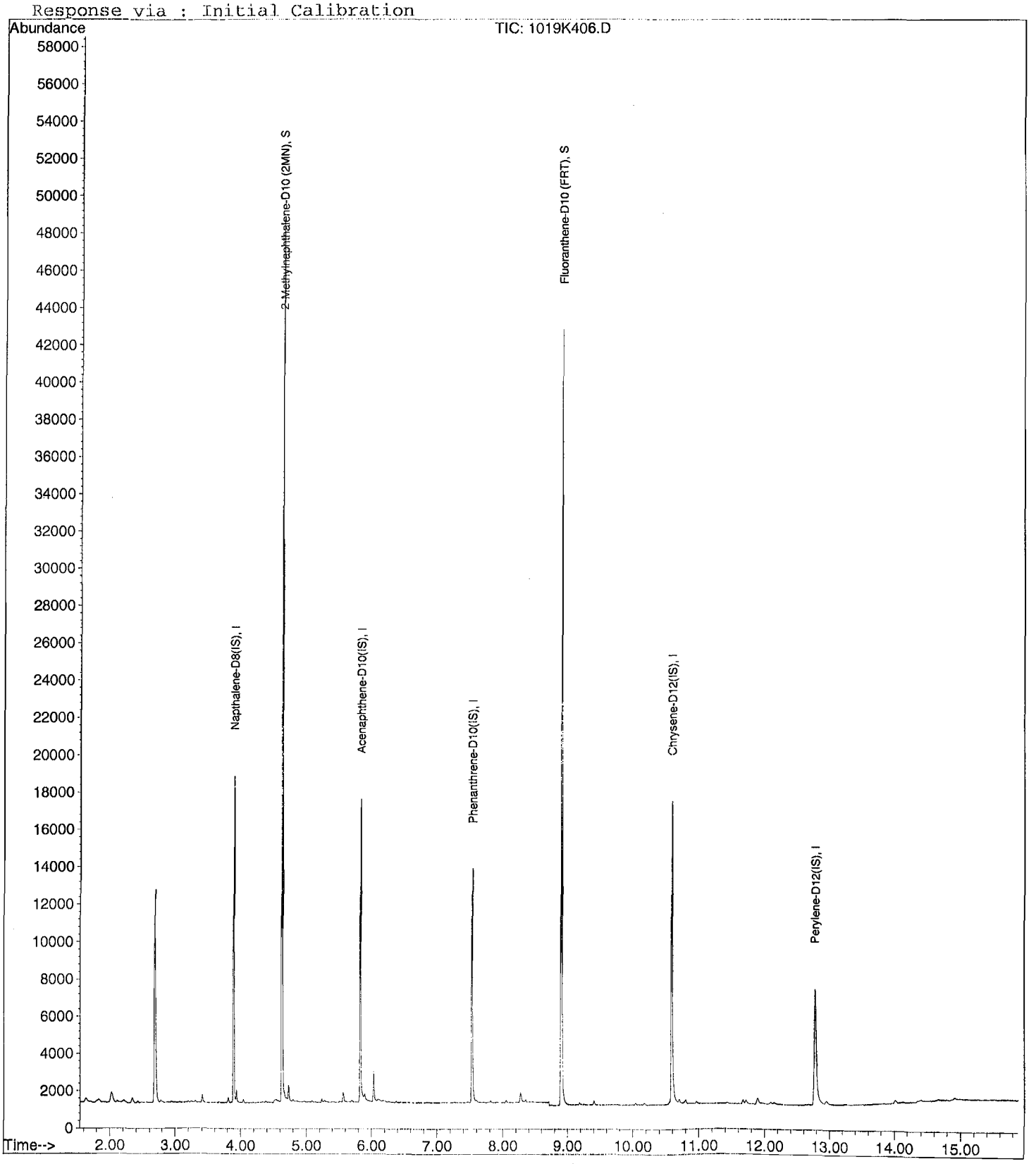
Quantitation Report

Data File : M:\KYLO\DATA\211019\1019K406.D
Acq On : 10 Nov 21 18:01
Sample : BA45105W08 1/950
Misc :

Vial: 106
Operator: LS
Inst : KYLO
Multiplr: 1.05

Quant Time: Nov 11 8:56 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 30 08:16:15 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\KYLO\DATA\211019\1019K401.D Vial: 101
Acq On : 10 Nov 21 16:22 Operator: LS
Sample : 211109A BLK 1/1000 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Nov 10 16:56 2021 Quant Results File: K1019.RES

Quant 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
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Napthalene-D8(IS)	3.89	136	14000	2.50000	ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	6855	2.50000	ppb	-0.03
10) Phenanthrene-D10(IS)	7.52	188	10828	2.50000	ppb	-0.03
15) Chrysene-D12(IS)	10.58	240	12880	2.50000	ppb	-0.04
20) Perylene-D12(IS)	12.77	264	11916	2.50000	ppb	-0.06
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.62	152	30017	4.19865	ppb	-0.03
Spiked Amount 5.000			Recovery =	83.980%		
13) Fluoranthene-D10 (FRT)	8.90	212	39481	4.67735	ppb	-0.04
Spiked Amount 5.000			Recovery =	93.540%		

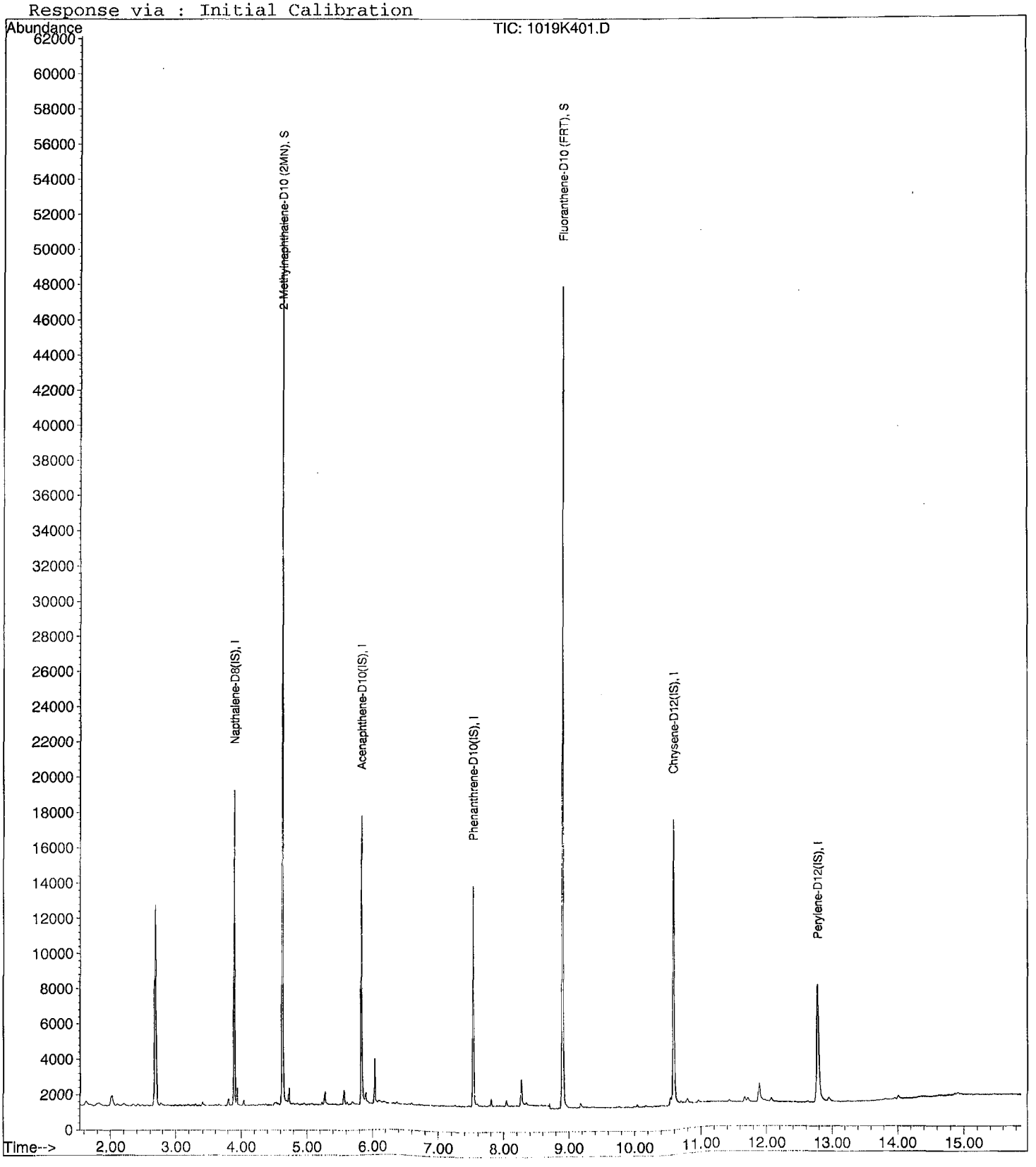
Target Compounds Qvalue

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

Data File : M:\KYLO\DATA\211019\1019K401.D Vial: 101
Acq On : 10 Nov 21 16:22 Operator: LS
Sample : 211109A BLK 1/1000 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Nov 10 16:56 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 30 08:16:15 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\KYLO\DATA\211019\1019K402.D Vial: 102
Acq On : 10 Nov 21 16:42 Operator: LS
Sample : 211109A LCS-1 1/1000 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Nov 11 8:27 2021 Quant Results File: K1019.RES

Quant 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
DataAcq Meth : SIM_2

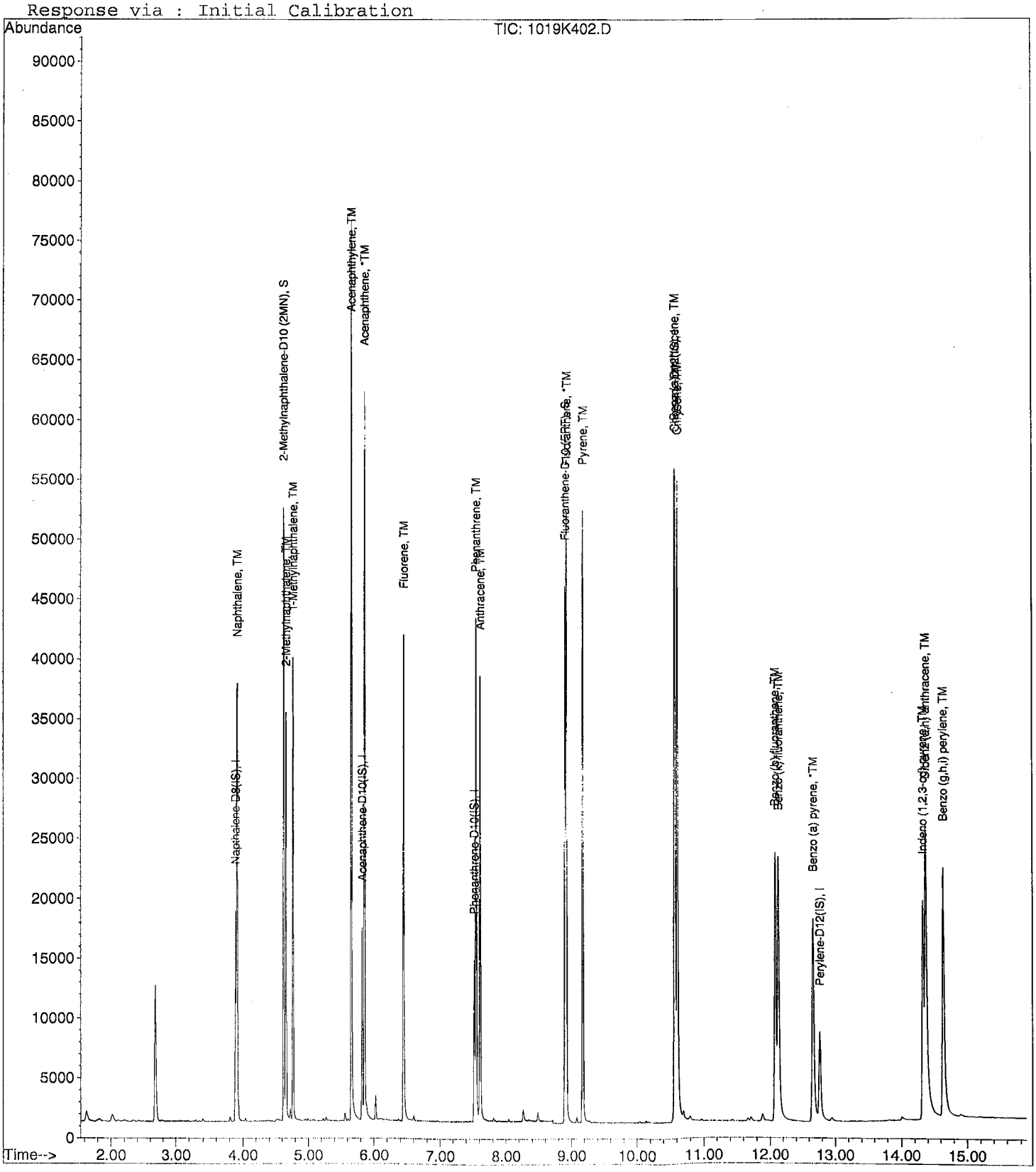
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Napthalene-D8(IS)	3.89	136	13784	2.50000	ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	6714	2.50000	ppb	-0.03
10) Phenanthrene-D10(IS)	7.52	188	10491	2.50000	ppb	-0.03
15) Chrysene-D12(IS)	10.57	240	12823	2.50000	ppb	-0.04
20) Perylene-D12(IS)	12.76	264	11726	2.50000	ppb	-0.07
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.62	152	29331	4.16699	ppb	-0.03
Spiked Amount 5.000			Recovery = 83.340%			
13) Fluoranthene-D10 (FRT)	8.90	212	36215	4.42825	ppb	-0.04
Spiked Amount 5.000			Recovery = 88.560%			
Target Compounds						Qvalue
2) Naphthalene	3.91	128	28105	3.92519	ppb	99
4) 2-Methylnaphthalene	4.66	142	16851	4.01561	ppb	100
5) 1-Methylnaphthalene	4.77	142	16712	3.94609	ppb	100
7) Acenaphthylene	5.66	152	56929	4.09569	ppb	100
8) Acenaphthene	5.86	154	14705	3.99419	ppb	99
9) Fluorene	6.45	166	17505	4.10312	ppb	98
11) Phenanthrene	7.55	178	23425	4.05736	ppb	100
12) Anthracene	7.61	178	21932	4.02196	ppb	99
14) Fluoranthene	8.92	202	38353	4.27620	ppb	98
16) Pyrene	9.17	202	39160	3.98861	ppb	98
17) Benz (a) anthracene	10.56	228	28661	3.98777	ppb	100
18) Chrysene	10.61	228	32084	4.01521	ppb	99
19) Indeno (1,2,3-cd) pyrene	14.32	276	20468	3.60139	ppb	92
21) Benzo (b) fluoranthene	12.08	252	26485	4.01057	ppb	98
22) Benzo (k) fluoranthene	12.13	252	31549	4.17772	ppb	99
23) Benzo (a) pyrene	12.66	252	25808	4.10307	ppb	99
24) Dibenz (a,h) anthracene	14.36	278	25154	4.04449	ppb	96
25) Benzo (g,h,i) perylene	14.64	276	26502	3.91559	ppb	100

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

Data File : M:\KYLO\DATA\211019\1019K402.D Vial: 102
Acq On : 10 Nov 21 16:42 Operator: LS
Sample : 211109A LCS-1 1/1000 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Nov 11 8:27 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 30 08:16:15 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\KYLO\DATA\211019\1019K403.D Vial: 103
Acq On : 10 Nov 21 17:02 Operator: LS
Sample : 211109A LCSD-1 1/1000 Inst : KYLO
Misc : Multiplr: 1.00

Quant Time: Nov 11 8:27 2021 Quant Results File: K1019.RES

Quant 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
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	3.89	136	14760	2.50000 ppb	0.00
6) Acenaphthene-D10(IS)	5.82	164	7229	2.50000 ppb	-0.03
10) Phenanthrene-D10(IS)	7.52	188	11341	2.50000 ppb	-0.03
15) Chrysene-D12(IS)	10.57	240	13795	2.50000 ppb	-0.04
20) Perylene-D12(IS)	12.76	264	12598	2.50000 ppb	-0.07
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.62	152	32363	4.29371 ppb	-0.03
Spiked Amount 5.000			Recovery =	85.880%	
13) Fluoranthene-D10 (FRT)	8.90	212	40019	4.52663 ppb	-0.04
Spiked Amount 5.000			Recovery =	90.540%	
Target Compounds					Qvalue
2) Naphthalene	3.91	128	30512	3.97957 ppb	100
4) 2-Methylnaphthalene	4.66	142	18190	4.04806 ppb	100
5) 1-Methylnaphthalene	4.77	142	18239	4.02188 ppb	100
7) Acenaphthylene	5.66	152	62578	4.18137 ppb	100
8) Acenaphthene	5.86	154	16206	4.08830 ppb	100
9) Fluorene	6.45	166	19425	4.22879 ppb	98
11) Phenanthrene	7.55	178	25894	4.14886 ppb	100
12) Anthracene	7.61	178	23881	4.05114 ppb	99
14) Fluoranthene	8.92	202	42222	4.35475 ppb	98
16) Pyrene	9.17	202	43086	4.07927 ppb	96
17) Benz (a) anthracene	10.56	228	32119	4.15402 ppb	100
18) Chrysene	10.61	228	34202	3.97868 ppb	99
19) Indeno (1,2,3-cd) pyrene	14.32	276	22358	3.65384 ppb	91
21) Benzo (b) fluoranthene	12.08	252	29086	4.09957 ppb	98
22) Benzo (k) fluoranthene	12.12	252	33742	4.15885 ppb	99
23) Benzo (a) pyrene	12.66	252	28111	4.15986 ppb	99
24) Dibenz (a,h) anthracene	14.36	278	27429	4.10502 ppb	97
25) Benzo (g,h,i) perylene	14.64	276	28841	3.96622 ppb	100

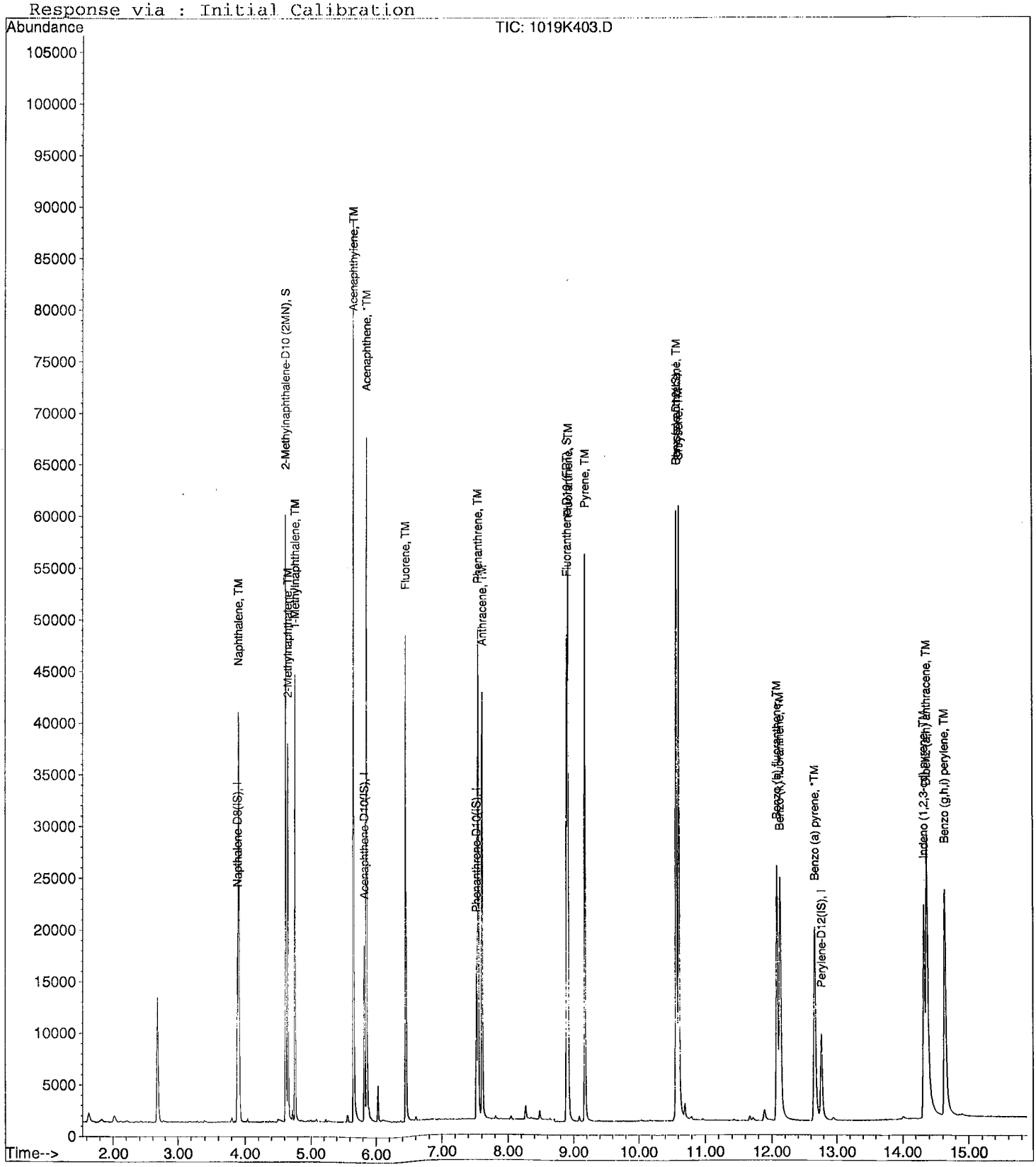
(#) = qualifier out of range (m) = manual integration

Data File : M:\KYLO\DATA\211019\1019K403.D
Acq On : 10 Nov 21 17:02
Sample : 211109A LCSD-1 1/1000
Misc :

Vial: 103
Operator: LS
Inst : KYLO
Multiplr: 1.00

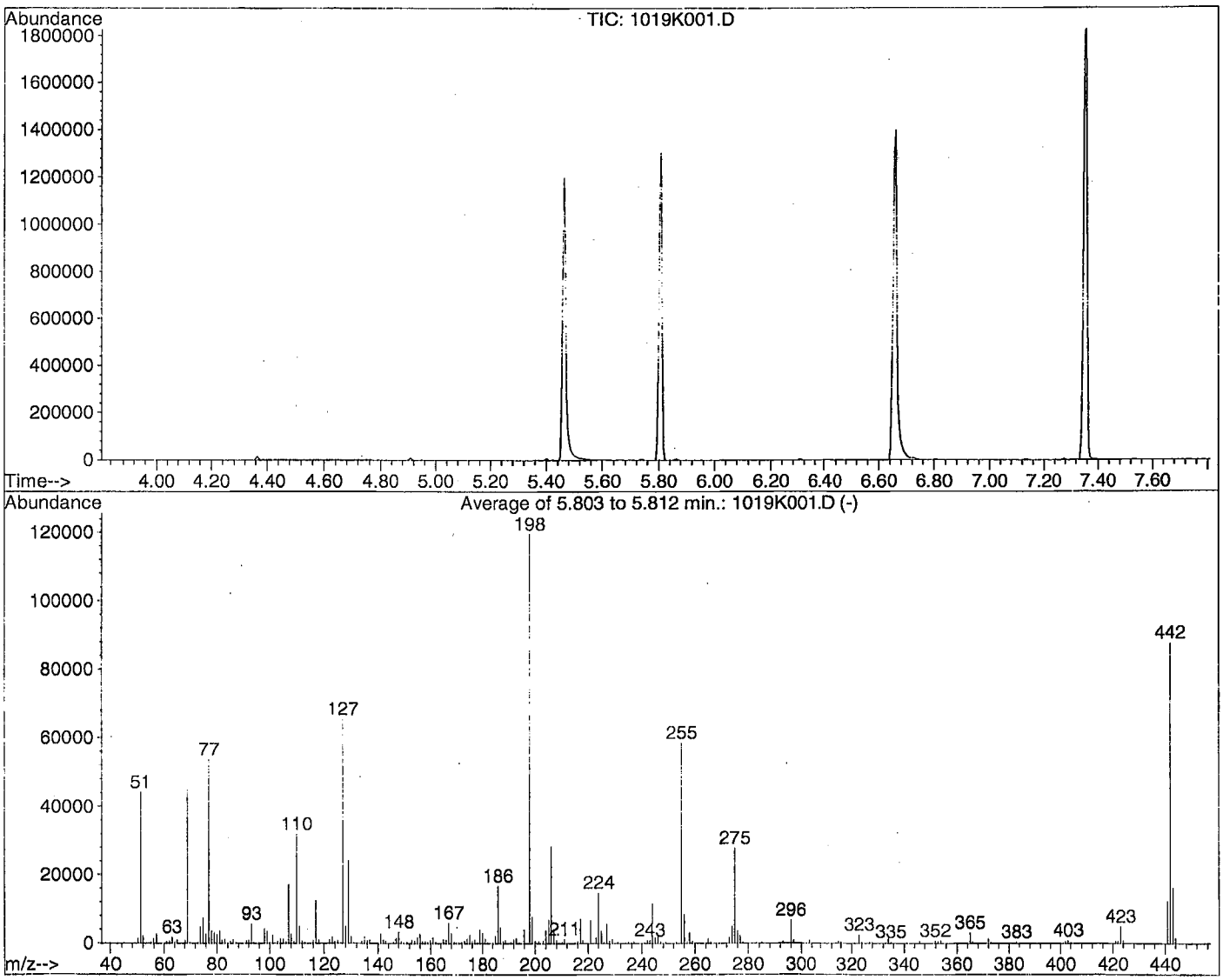
Quant Time: Nov 11 8:27 2021 Quant Results File: K1019.RES

Method : M:\KYLO\DATA\211019\K1019.M (RTE Integrator)
Title : EPA 8270
Last Update : Tue Nov 30 08:16:15 2021
Response via : Initial Calibration



Data File : M:\KYLO\DATA\211019\1019K001.D Vial: 1
Acq On : 19 Oct 21 13:58 Operator: LS
Sample : SV TUNE 7/2/21 Inst : KYLO
Misc : Multiplr: 1.00

Method : M:\KYLO\DATA\211019\DFTPP2.M (Chemstation Integrator)
Title :



AutoFind: Scans 476, 477, 478; Background Corrected with Scan 470

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	36.8	44033	PASS
68	69	0.00	2	1.7	772	PASS
70	69	0.00	2	0.4	170	PASS
127	198	10	80	54.6	65376	PASS
197	198	0.00	2	0.2	185	PASS
198	198	100	100	100.0	119640	PASS
199	198	5	9	6.5	7734	PASS
275	198	10	60	23.2	27808	PASS
365	198	1	100	2.5	3043	PASS
441	442	0.01	24	13.9	12169	PASS
442	198	50	500	73.4	87760	PASS
443	442	15	24	18.4	16149	PASS

Data File Name:	**1019K001.D**
Data File Path:	**M:\KYLO\DATA\211019**
Operator:	**LS**
Date Acquired:	**19 Oct 2021 13:58**
Method File:	**DFTPP2.M**
Sample Name:	**SV TUNE 7/2/21**
Vial Number:	**1**
Instrument Name:	**KYLO**

#	Name	Ret Time	Target Response
1)	DDT	7.36	16763500
2)	DDD	7.13	0
3)	DDE	6.80	0

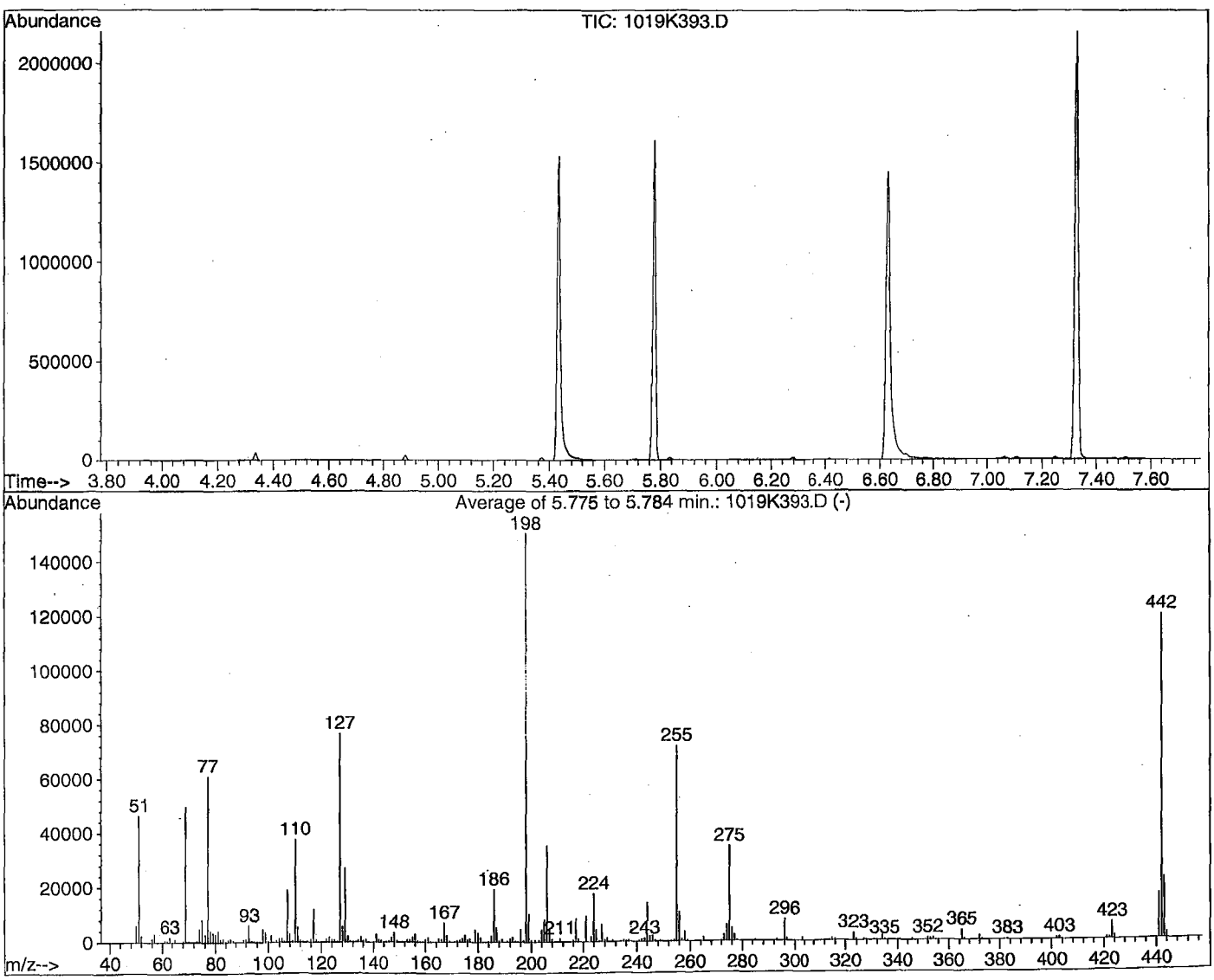
Breakdown **0.00**

DFTPP

Data File : M:\KYLO\DATA\211019\1019K393.D
Acq On : 10 Nov 21 12:42
Sample : SV TUNE 7/2/21
Misc :

Vial: 93
Operator: LS
Inst : KYLO
Multiplr: 1.00

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



AutoFind: Scans 470, 471, 472; Background Corrected with Scan 464

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	30.9	46507	PASS
68	69	0.00	2	0.9	446	PASS
70	69	0.00	2	0.3	126	PASS
127	198	10	80	51.1	76899	PASS
197	198	0.00	2	0.4	594	PASS
198	198	100	100	100.0	150584	PASS
199	198	5	9	6.8	10206	PASS
275	198	10	60	23.2	34867	PASS
365	198	1	100	2.5	3757	PASS
441	442	0.01	24	13.8	16664	PASS
442	198	50	500	80.0	120501	PASS
443	442	15	24	18.8	22680	PASS

Data File Name:	**1019K393.D**
Data File Path:	**M:\KYLO\DATA\211019**
Operator:	**LS**
Date Acquired:	**10 Nov 2021 12:42**
Method File:	**DFTPP2.M**
Sample Name:	**SV TUNE 7/2/21**
Vial Number:	**93**
Instrument Name:	**KYLO**

#	Name	Ret Time	Target Response
1)	DDT	7.29	18957200
2)	DDD	7.07	0
3)	DDE	6.75	0

Breakdown **0.00**

Name of Final Standard	**SIM Curve**	**Prep'd By (Initials)**	**LS**
Prep Date	**10/13/2021**		
Exp Date	**6/17/2022**		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from container Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc. (range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
1.0 ug/mL SIM	APPL	1.0 ug/mL SIM	1.0 ug/mL	**9/9/2021**	**6/17/2022**	10 uL	100uL	**MC 61117 90uL**	0.1 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**6/17/2021**	6/17/2022	2 uL	*	*	2.5ug/mL
1.0 ug/mL SIM	APPL	1.0 ug/mL SIM	1.0 ug/mL	**9/9/2021**	6/17/2022	20 uL	100uL	**MC 61117 80uL**	0.2 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**6/17/2021**	6/17/2022	2 uL	*	*	2.5ug/mL
5.0 ug/mL SIM	APPL	5.0 ug/mL SIM	5.0 ug/mL	**9/9/2021**	6/17/2022	10 uL	100uL	**MC 61117 90uL**	0.5 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**6/17/2021**	6/17/2022	2 uL	*	*	2.5ug/mL
5.0 ug/mL SIM	APPL	5.0 ug/mL SIM	5.0 ug/mL	**9/9/2021**	6/17/2022	20 uL	100uL	**MC 61117 80 uL**	1.0 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**6/17/2021**	6/17/2022	2 uL	*	*	2.5ug/mL
SIM STOCK	APPL	SIM STOCK	200 ug/mL	**6/17/2021**	6/17/2022	5 uL	200uL	**MC 61117 190 uL**	5.0 ug/mL
SIM SURROGATE	APPL	SIM SURR	100 ug/mL	**6/17/2021**	6/17/2022	5 uL	*	*	2.5ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**6/17/2021**	**6/17/2022**	4 uL	*	*	2.5ug/mL
SIM STOCK	APPL	SIM STOCK	200 ug/mL	**6/17/2021**	**6/17/2022**	5 uL	100 uL	**MC 61117 90 uL**	10 ug/mL
SIM SURROGATE	APPL	SIM SURR	100 ug/mL	**6/17/2021**	**6/17/2022**	5 uL	*	*	5 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**6/17/2021**	**6/17/2022**	2 uL	*	*	2.5ug/mL
SIM STOCK	APPL	SIM STOCK	200 ug/mL	**6/17/2021**	**6/17/2022**	25 uL	100uL	**MC 61117 50 uL**	50 ug/mL
SIM SURROGATE	APPL	SIM SURR	100 ug/mL	**6/17/2021**	**6/17/2022**	25 uL	*	*	25 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**6/17/2021**	**6/17/2022**	2 uL	*	*	2.5ug/mL
SIM STOCK	APPL	SIM STOCK	200 ug/mL	**6/17/2021**	**6/17/2022**	50 uL	100uL	**na**	100 ug/mL
SIM SURROGATE	APPL	SIM SURR	100 ug/mL	**6/17/2021**	**6/17/2022**	50 uL	*	*	50 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**6/17/2021**	**6/17/2022**	2 uL	*	*	2.5ug/mL

Name of Final Standard	**8270 PAH SIM Second Source**	**Prep'd By (Initials)**	**LS**
Prep Date	**10/13/2021**		
Exp Date	**6/17/2022**		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from container Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc. (range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
PAH SIM SS Stock	Phenova	AL0-130490	200 ug/mL	**6/17/2021**	**6/17/2022**	5 uL	200uL	**MC 61117 195uL**	5 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**6/17/2021**	**6/17/2022**	4 uL	*	*	2.5ug/mL

Name of Final Standard	**PAH SIM Stock (Ampule)**	**Prep'd By (Initials)**	**LS**
Prep Date	**6/17/2021**		
Exp Date	**6/17/2022**		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Custom PAH SIM Mix	Phenova	ALO-130490	200 ug/mL	**CL13121-52443**	**12/31/2022**	1000 uL	1mL	**NA**	200 ug/mL

Name of Final Standard	**SIM Surrogate**	**Prep'd By (Initials)**	**LS**
Prep Date	**6/17/2021**		
Exp Date	**6/17/2022**		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Sim Surrogate Deuterated	Restek	33913	2000 ug/mL	**A0161454-50793**	**5/31/2026**	1 mL	20 mL	**Acetone #0246130**	100 ug/mL

Name of Final Standard	**8270 SIM PAH Internal Standard**	**Prep'd By (Initials)**	**LS**
Prep Date	**6/17/2021**		
Exp Date	**6/17/2022**		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
SV Internal Standard	Restek	31206	2000 ug/mL	**A0162879-50593**	**6/30/2026**	625uL	10mL	**MC 60338**	125 ug/mL

Name of Final Standard	**SIM SS Stock (Ampule second source)**	**Prep'd By**	**LS**
Prep Date	**6/17/2021**		
Exp Date	**6/17/2022**		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Custom PAH SIM Mix	Phenova	ALO-130490	200 ug/mL	**CL13117-51757**	**12/31/2022**	1000 uL	1mL	**NA**	200 ug/mL

lame of Final Standard	PAH SIM Stock (Ampule)	Prep'd By (Initials)	LS
'rep Date	6/17/2021		
:xp Date	6/17/2022		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Custom PAH SIM Mix	Phenova	ALO-130490	200 ug/mL	**CL13121-52443**	**12/31/2022**	1000 uL	1mL	**NA**	200 ug/mL

Name of Final Standard	**SIM Surrogate**	Prep'd By (Initials)	LS
Prep Date	6/17/2021		
Exp Date	6/17/2022		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Sim Surrogate Deuterated	Restek	33913	2000 ug/mL	**A0161454-50793**	**5/31/2026**	1 mL	20 mL	**Acetone #0246130**	100 ug/mL

Name of Final Standard	**8270 SIM PAH Internal Standard**	Prep'd By (Initials)	LS
Prep Date	6/17/2021		
Exp Date	6/17/2022		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
SV Internal Standard	Restek	31206	2000 ug/mL	**A0162879-50593**	**6/30/2026**	625uL	10mL	**MC 60338**	125 ug/mL

Name of Final Standard	**SIM SS Stock (Ampule second source)**	Prep'd By	LS
Prep Date	6/17/2021		
Exp Date	6/17/2022		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Custom PAH SIM Mix	Phenova	ALO-130490	200 ug/mL	**CL13117-51757**	**12/31/2022**	1000 uL	1mL	**NA**	200 ug/mL

Name of Final Standard	**5 SIM CCV (2x)**	**Prep'd By (Initials)**	**LS**
Prep Date	**10/19/2021**		
Exp Date	**6/17/2022**		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from container Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
SIM STOCK	APPL	SIM STOCK	200 ug/mL	**6/17/2021**	**12/31/2022**	5 uL	200uL	**MC 61117 190 uL**	5.0 ug/mL
SIM SURROGATE	APPL	SIM SURR	100 ug/mL	**6/17/2021**	**5/31/2026**	5 uL	*	*	2.5ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**6/17/2021**	**6/30/2026**	4 uL	*	*	2.5ug/mL

Name of Final Standard	SIM Surrogate	Prep'd By (Initials)	LS/IC
Prep Date	9/21/2021		
Exp Date	9/21/2022		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Sim Surrogate Deuterated	Restek	33913	2000 ug/mL	A0173323-52639	5/31/2027	1 mL	20 mL	Acetone #0246130	100 ug/mL

Name of Final Standard	SIM Surrogate	Prep'd By (Initials)	LS
Prep Date	8/24/2021		
Exp Date	8/24/2022		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Sim Surrogate Deuterated	Restek	33913	2000 ug/mL	A0173323-52640	5/31/2027	1 mL	20 mL	Acetone #0246130	100 ug/mL

Name of Final Standard	**SIM Spike**
Prep Date	**8/5/2021**
Exp Date	**5/28/2022**

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)
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	**5 SIM CCV (2x)**	**Prep'd By (Initials)**	**LS**
Prep Date	**10/19/2021**		
Exp Date	**6/17/2022**		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from container Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
SIM STOCK	APPL	SIM STOCK	200 ug/mL	**6/17/2021**	**12/31/2022**	5 uL	200uL	**MC 61117 190 uL**	5.0 ug/mL
SIM SURROGATE	APPL	SIM SURR	100 ug/mL	**6/17/2021**	**5/31/2026**	5 uL	*	*	2.5ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**6/17/2021**	**6/30/2026**	4 uL	*	*	2.5ug/mL

Name of Final Standard	SIM Surrogate	Prep'd By (Initials)	LS
Prep Date	8/24/2021		
Exp Date	8/24/2022		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Allquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Sim Surrogate Deuterated	Restek	33913	2000 ug/mL	A0173323-52640	5/31/2027	1 mL	20 mL	Acetone #0246130	100 ug/mL

Name of Final Standard	SIM Surrogate
Prep Date	9/21/2021
Exp Date	9/21/2022

Prep'd By (Initials) LS/IC

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Sim Surrogate Deuterated	Restek	33913	2000 ug/mL	A0173323-52639	5/31/2027	1 mL	20 mL	Acetone #0246130	100 ug/mL

Organic Extraction Worksheet

Method	Continuous Liquid/Liquid SVOC 3520C	Extraction Set	211109A	Extraction Method	LIQ003	Units	mL

Spiked ID 1	Sim Spike 10-21-21 10-21-22		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:	11/09/21 10:45	
Spiked ID 8			Ext. End Time:	11/10/21 6:05	
			GC Requires Extract By:		

pH1	14	11/09/21 9:29	Water Bath Temp 1 °C	78/77.5 E-WB5 °
pH2			Water Bath Temp 2 °C	71/71.5 E-WB7
pH3			Water Bath Temp 3 °C	

Spiked By: SR **Date** 11/9/2021 **Witnessed By:** CG **Date** 11/9/2021

	Sample	Sample Container	Spike Amount	Spike ID	Surrogate Amount	Surrogate ID	Extract Amount	Final Volume	pH	Extract Date/Time	Comments
1	211109A Blk				0.050	1	1000	1	14	11/09/21 9:21	
						equip	E-HP3 E-WB5				
2	211109A LCS-1		0.125	1	0.050	1	1000	1	14	11/09/21 9:21	
						equip	E-HP4 E-WB5				
3	211109A LCSD-1		0.125	1	0.050	1	1000	1	14	11/09/21 9:21	
						equip	E-HP6 E-WB5				
4	BA45100	BA45100W07			0.050	1	950	1	14	11/09/21 9:21	98098
						equip	E-HP7 E-WB5				
5	BA45101	BA45101W05			0.050	1	950	1	14	11/09/21 9:21	98098
						equip	E-HP8 E-WB5				
6	BA45105	BA45105W08			0.050	1	950	1	14	11/09/21 9:21	98097
						equip	E-HP9 E-WB5				
7	BA45108	BA45108W07			0.050	1	1000	1	14	11/09/21 9:21	98096
						equip	E-HP10 E-WB5				
8	BA45110	BA45110W08			0.050	1	1000	1	14	11/09/21 9:21	98096
						equip	E-HP11 E-WB5				
9	BA45112	BA45112W08			0.050	1	950	1	14	11/09/21 9:21	98096
						equip	E-HP12 E-WB7				
10	BA45114	BA45114W07			0.050	1	1020	1	14	11/09/21 9:21	98096
						equip	E-HP13 E-WB7				

Solvent and Lot#	
PH Strips	HC155968
Dichloromethane (DCM)	61117
10N NaOH (10mLs)	10-18-21
Filter Paper	400189
Na2SO4	2021071206

Extraction COC Transfer	
Extraction lab employee Initials	KY
GC analyst's initials	LS
Date	11/10/21
Time	1423
Refrigerator	GC-C

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

Modified	11/16/2021 8:46:34 AM

Reviewed By: KY **Date** 11/16/2021

Injection Log

Directory: M:\KYLO\DATA\211019\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	1019K001.D	1	SV TUNE 7/2/21		19 Oct 21 13:58
2	2	1019K002.D	1	0.1 ug/ml 10/13/21		19 Oct 21 14:09
3	3	1019K003.D	1	0.2 ug/ml 10/13/21		19 Oct 21 14:29
4	4	1019K004.D	1	0.5 ug/ml 10/13/21		19 Oct 21 14:49
5	5	1019K005.D	1	1 ug/ml 10/13/21		19 Oct 21 15:09
6	6	1019K006.D	1	5 ug/ml 10/13/21		19 Oct 21 15:29
7	7	1019K007.D	1	10 ug/ml 10/13/21		19 Oct 21 15:49
8	8	1019K008.D	1	50 ug/ml 10/13/21		19 Oct 21 16:09
9	9	1019K009.D	1	100 ug/ml 10/13/21		19 Oct 21 16:29
10	10	1019K010.D	1	SS ug/ml 10/13/21		19 Oct 21 16:49
11	93	1019K393.D	1	SV TUNE 7/2/21		10 Nov 21 12:42
12	94	1019K394.D	1	5 ug/ml 10/19/21 (1)		10 Nov 21 12:54
13	101	1019K401.D	1	211109A BLK 1/1000		10 Nov 21 16:22
14	102	1019K402.D	1	211109A LCS-1 1/1000		10 Nov 21 16:42
15	103	1019K403.D	1	211109A LCSD-1 1/1000		10 Nov 21 17:02
18	106	1019K406.D	1.05263	BA45105W08 1/950		10 Nov 21 18:01
23	131	1019K431.D	1	5 ug/ml 10/13/21 (2)		11 Nov 21 2:19

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	1015M12.D 1	1015M13.D 2	1015M14.D 3	1015M15.D 4	1015M16.D 5	1015M17.D 6	1015M18.D 7	1015M19.D 8	1015M20.D 9		Avg	%RSD	Type	r^2	Q	MRF
1	I	Fluorobenzene (IS)																
2	TM	Chlorotrifluoroethene													TM			
3	TM	Dichlorodifluoromethane		0.1508	0.1611	0.1414	0.1748	0.1296	0.1371	0.1510	0.1516		0.15	9.4	TM			
4	TM	Freon 114	0.0629	0.0771	0.0867	0.0903	0.0897	0.0706	0.0918	0.0908	0.0949		0.08	13	TM			
5	TM**	Chloromethane		0.0816	0.1036	0.0852	0.0940	0.0885	0.0795	0.0895	0.0924		0.09	8.6	TM**			
6	TM*	Vinyl chloride	0.1225	0.1206	0.0979	0.1015	0.1123	0.1098	0.1056	0.1118	0.1091		0.11	7.3	TM*			
7	TM	2-Chloro-1,1,1-trifluoroethane													TM			
8	TM	Bromomethane	0.1252	0.0995	0.0992	0.0848	0.0948	0.0853	0.0794	0.0814	0.0879		0.09	15	TM			
9	TML	Chloroethane	0.0933	0.0961	0.1579	0.0552	0.0706	0.0745	0.0641	0.0666	0.0815		0.08	36	TM	0.994		
10	TM	Dichlorofluoromethane	0.2569	0.3121	0.2592	0.2176	0.2203	0.2414	0.2187	0.2235	0.2246		0.24	13	TM			
11	TM	Trichlorofluoromethane	0.2324	0.3029	0.2888	0.3134	0.2973	0.2882	0.2855	0.2975	0.2941		0.29	7.9	TM			
12	TM	2,2-Dichloro-1,1,1-trifluoroethane													TM			
13	TMQ	Acrolein	0.0166	0.0144	0.0135	0.0153	0.0136	0.0142	0.0135	0.0145	0.0144		0.01	7.0	TM	0.997		
14	TM	Acetone	0.0398	0.0304	0.0345	0.0331	0.0310	0.0319	0.0307	0.0309	0.0310		0.03	9.3	TM			
15	TM	Freon-113	0.1116	0.1300	0.1296	0.1218	0.1150	0.1068	0.1175	0.1124	0.1135		0.12	6.9	TM			
16	TM	Acetonitrile	0.0101	0.0070	0.0074	0.0070	0.0076	0.0073	0.0076	0.0080	0.0077		0.01	12	TM			
17	TML	2-propanol													TM			
18	TM	1,2-Dichlorotrifluoroethane	0.2569	0.3121	0.2592	0.2176	0.2203	0.2414	0.2187	0.2235	0.2247		0.24	13	TM			
19	TM*	1,1-DCE	0.1787	0.1830	0.1897	0.1807	0.1708	0.1678	0.1697	0.1653	0.1699		0.18	4.7	TM*			
20	TMQ	t-Butanol	0.0115	0.0086	0.0097	0.0102	0.0110	0.0102	0.0098				0.01	9.2	TM	0.995		
21	TMQ	Methyl Acetate		0.0500	0.0481	0.0566	0.0491	0.0547	0.0536	0.0554	0.0547		0.05	6.1	TM	1.000		
22	TML	Iodomethane	0.1065	0.1250	0.0882	0.0717	0.0979	0.1158	0.1130	0.1296	0.1388		0.11	19	TM	0.998		
23	TML	Acrylonitrile	0.0088	0.0055	0.0298	0.0239	0.0337	0.0321	0.0316	0.0309	0.0304		0.03	42	TM	1.000		
24	TM	2-Methylpentane													TM			
25	TM	Methylene chloride	0.1502	0.1032	0.1123	0.1093	0.1063	0.1155	0.1083	0.1086	0.1035		0.11	13	TM			
26	TM	Carbon disulfide	0.1567	0.1530	0.1390	0.1605	0.1324	0.1389	0.1392	0.1362	0.1258		0.14	8.2	TM			
27	TM	Methyl t-butyl ether (MtBE)	0.4054	0.3871	0.3993	0.3508	0.3716	0.3784	0.3615	0.3797	0.3589		0.38	4.9	TM			
28	TM	Trans-1,2-DCE		0.1591	0.1103	0.1150	0.1200	0.1175	0.1222	0.1143	0.1180		0.12	13	TM			
29	TML	3-Methylpentane	0.0803	0.0784	0.0715	0.0806	0.0660	0.0664	0.0682	0.0593	0.0607		0.07	12	TM	0.999		
30	TM	Hexane													TM			
31	TM	Diisopropyl Ether	0.1713	0.2278	0.2501	0.2487	0.2546	0.2465	0.2359	0.2412	0.2396		0.24	11	TM			
32	TM**	1,1-DCA	0.1334	0.1964	0.2073	0.1858	0.1835	0.1860	0.1867	0.1843	0.1844		0.18	11	TM**			
33	TM	Vinyl Acetate													TM			
34	TM	Ethyl tert Butyl Ether	0.2869	0.3155	0.2850	0.3007	0.3100	0.3054	0.3017	0.3165	0.2971		0.30	3.7	TM			
35	TML	Methylcyclopentane	0.0042	0.0425	0.0170	0.0155	0.0146	0.0129	0.0124	0.0132	0.0113		0.02	66	TM	0.996		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 6
Initial Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Initial Cal. Date: 10/15/2021
Matrix: 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

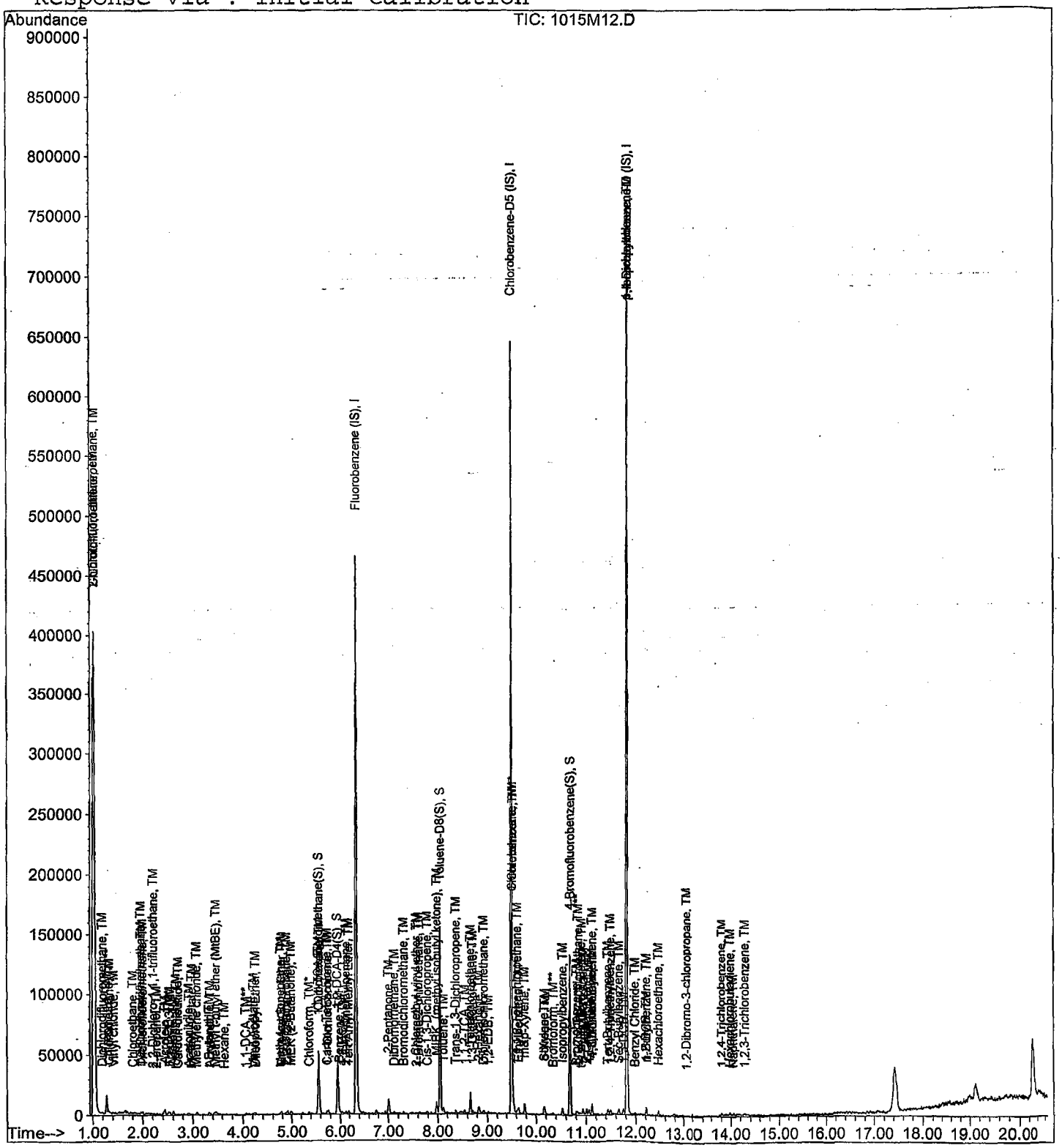
Data File : M:\MAX\DATA\211015\1015M12.D
Acq On : 15 Oct 21 15:12
Sample : 0.3ug/L VOC STD 10/15/21
Misc : IS&S 8/4/21

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 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
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

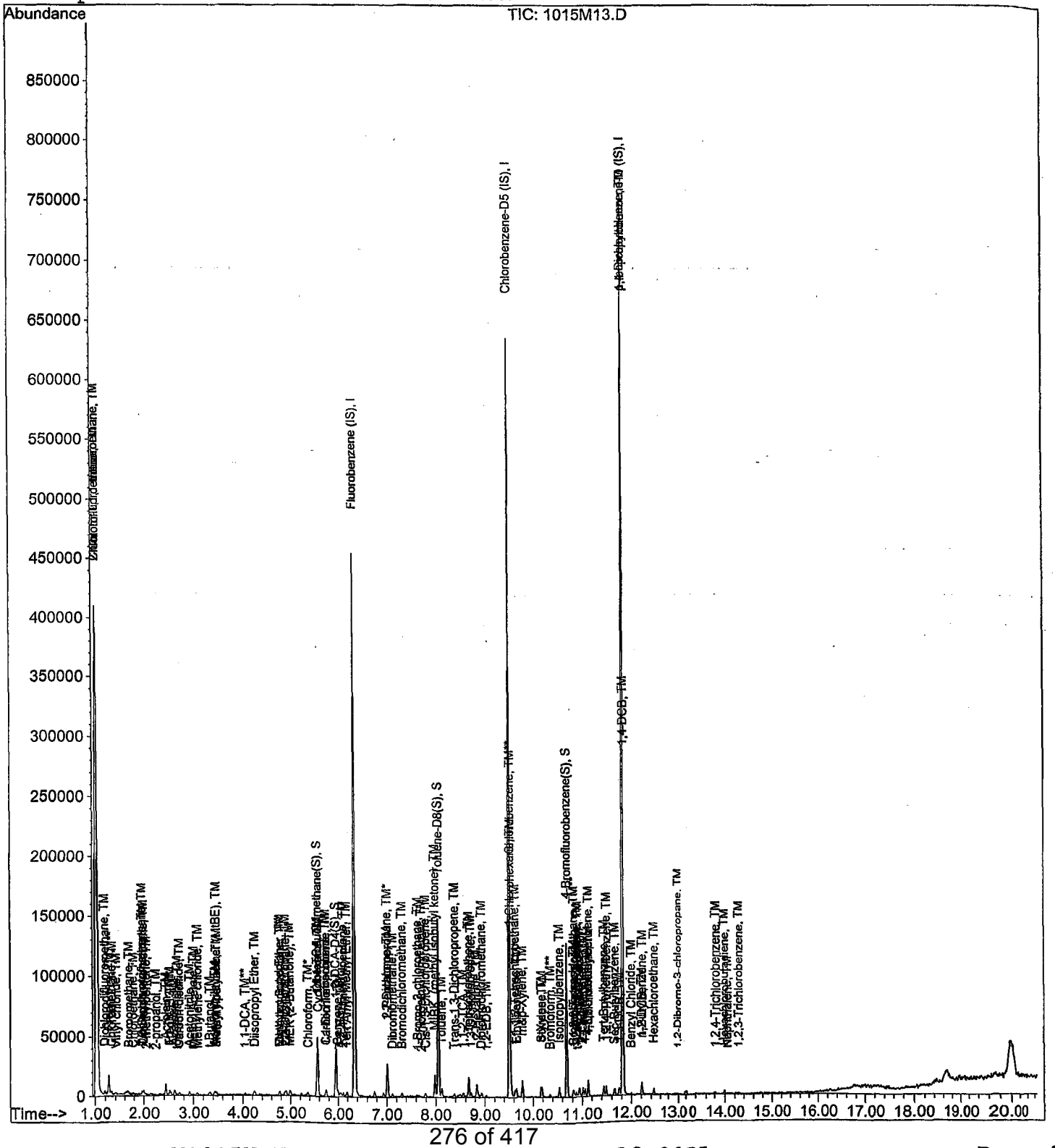
Data File : M:\MAX\DATA\211015\1015M13.D
Acq On : 15 Oct 21 15:41
Sample : 0.5ug/L VOC STD 10/15/21
Misc : IS&S 8/4/21

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
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

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 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
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

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

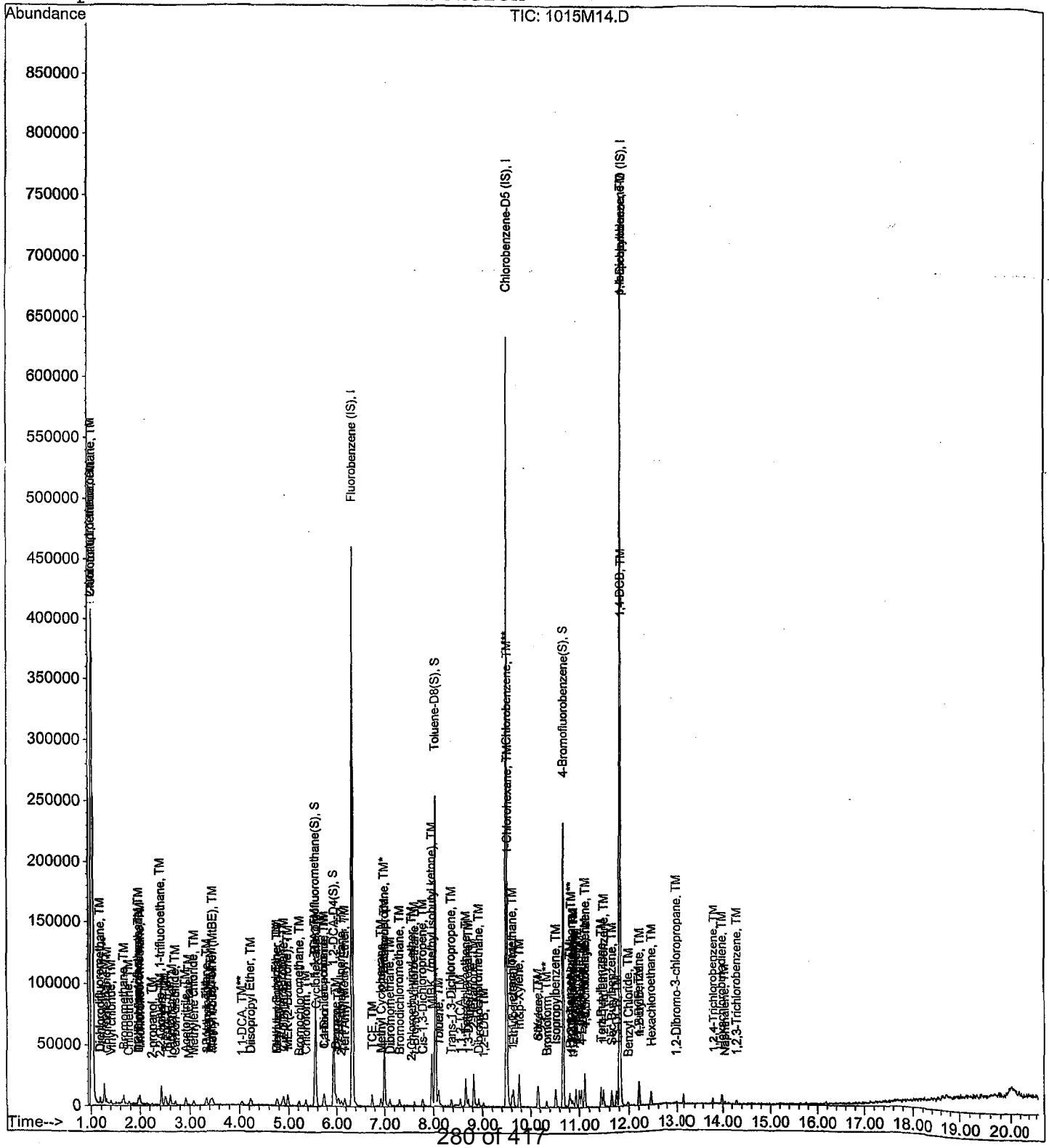
Data File : M:\MAX\DATA\211015\1015M14.D
Acq On : 15 Oct 21 16:09
Sample : 1ug/L VOC STD 10/15/21
Misc : IS&S 8/4/21

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

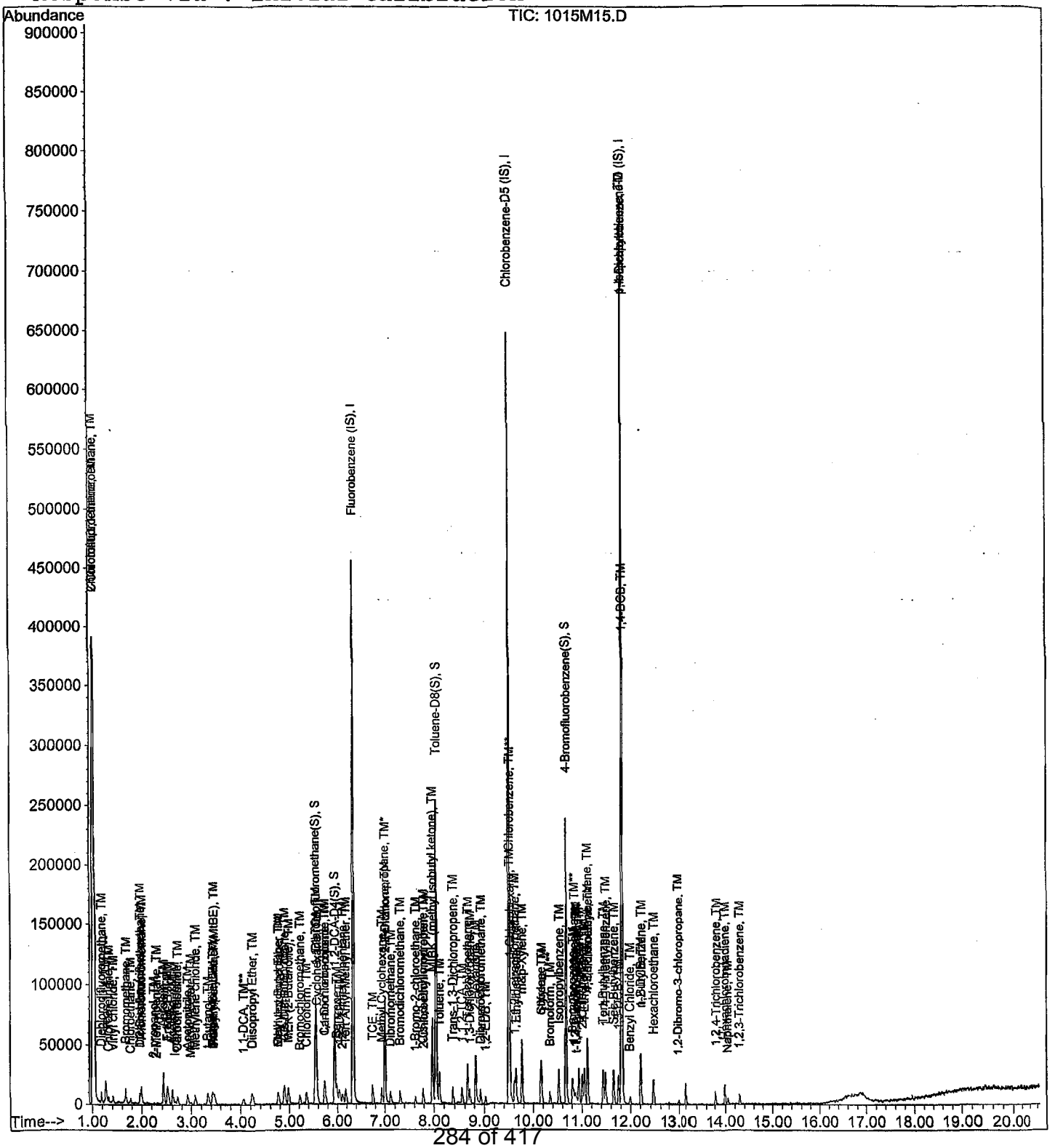
(#) = qualifier out of range (m) = manual integration

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

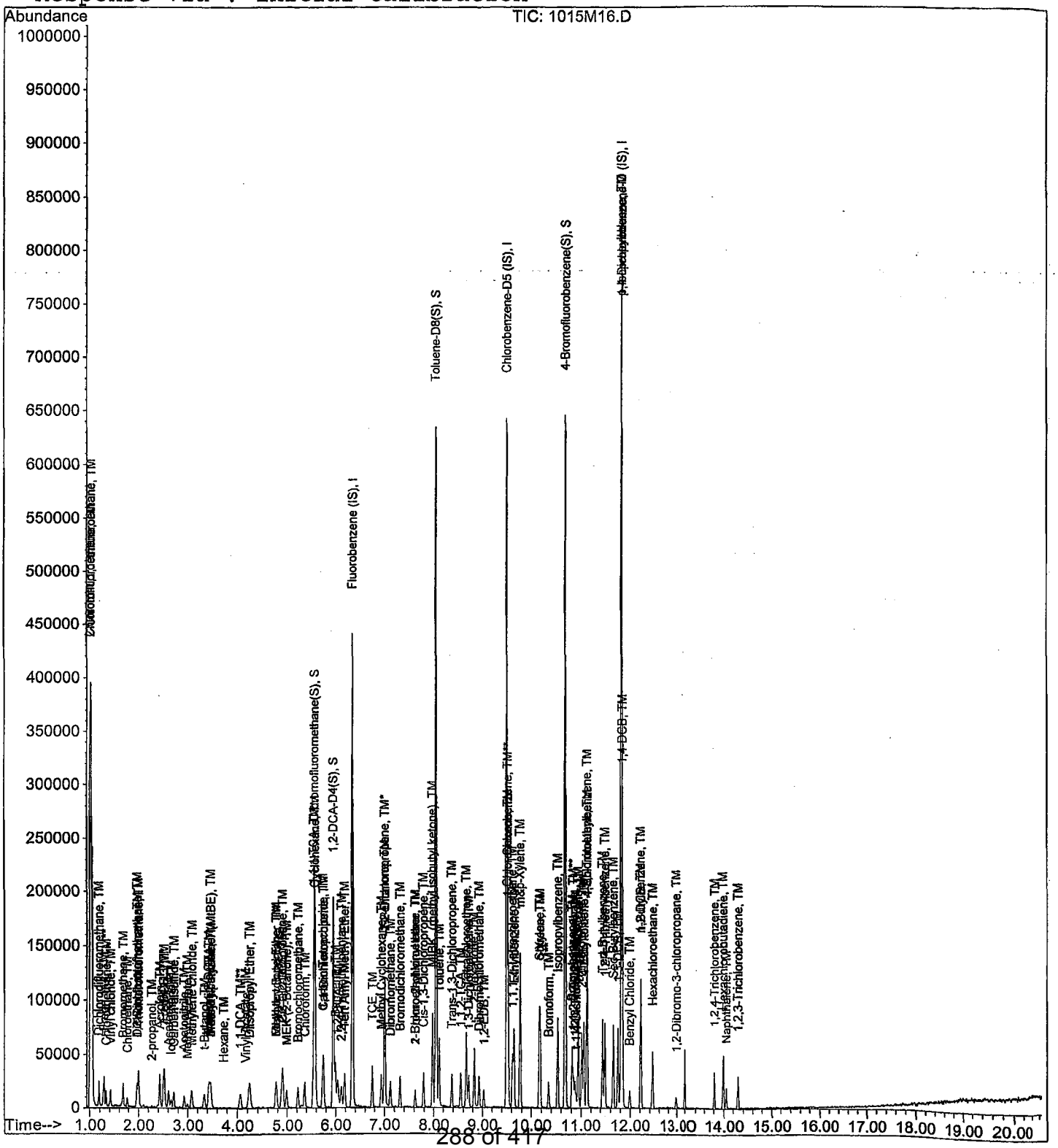
Quantitation Report

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

Quantitation Report

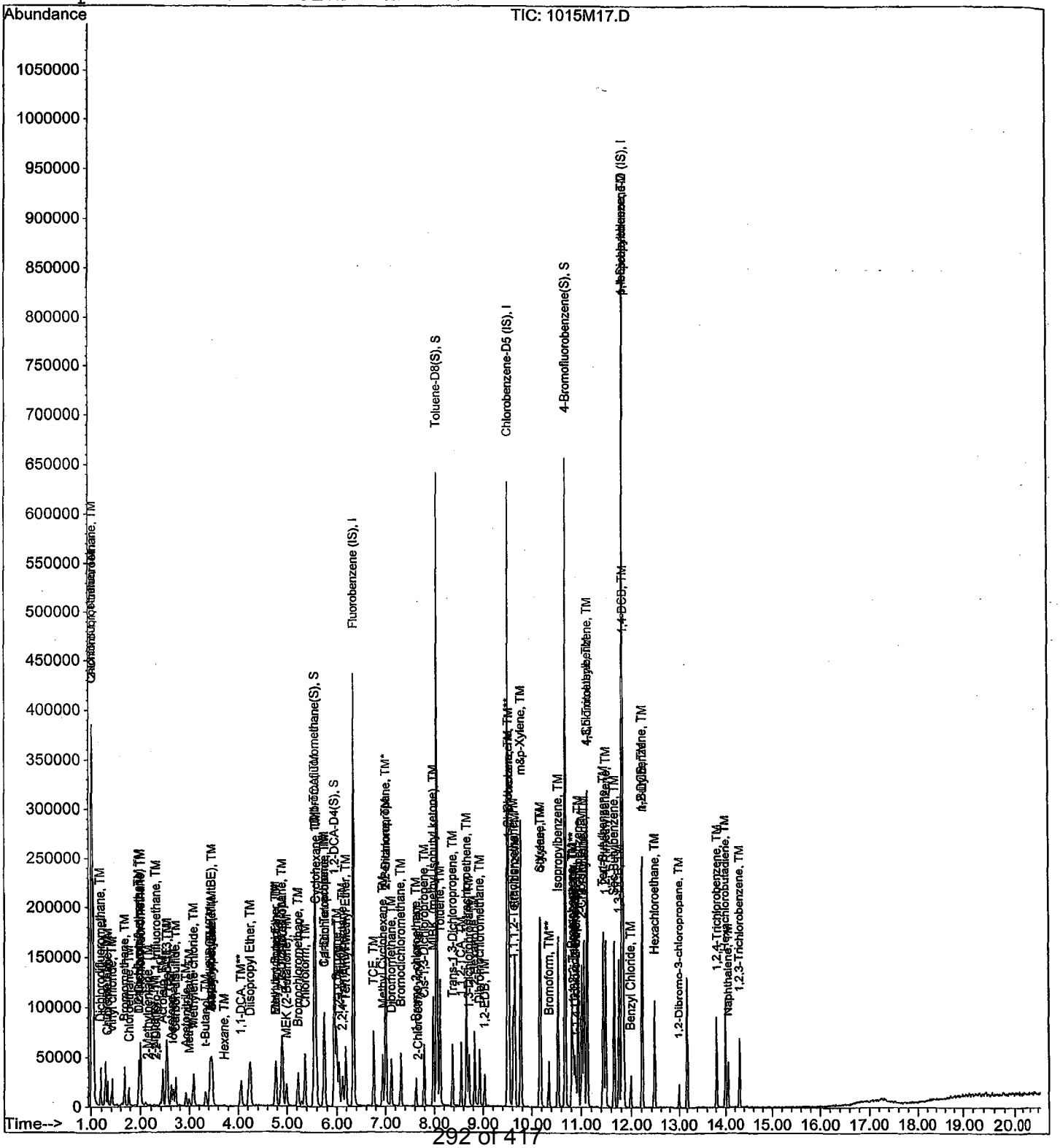
Data File : M:\MAX\DATA\211015\1015M17.D
Acq On : 15 Oct 21 17:35
Sample : 10ug/L VOC STD 10/15/21
Misc : IS&S 8/4/21

Vial: 7
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\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

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

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

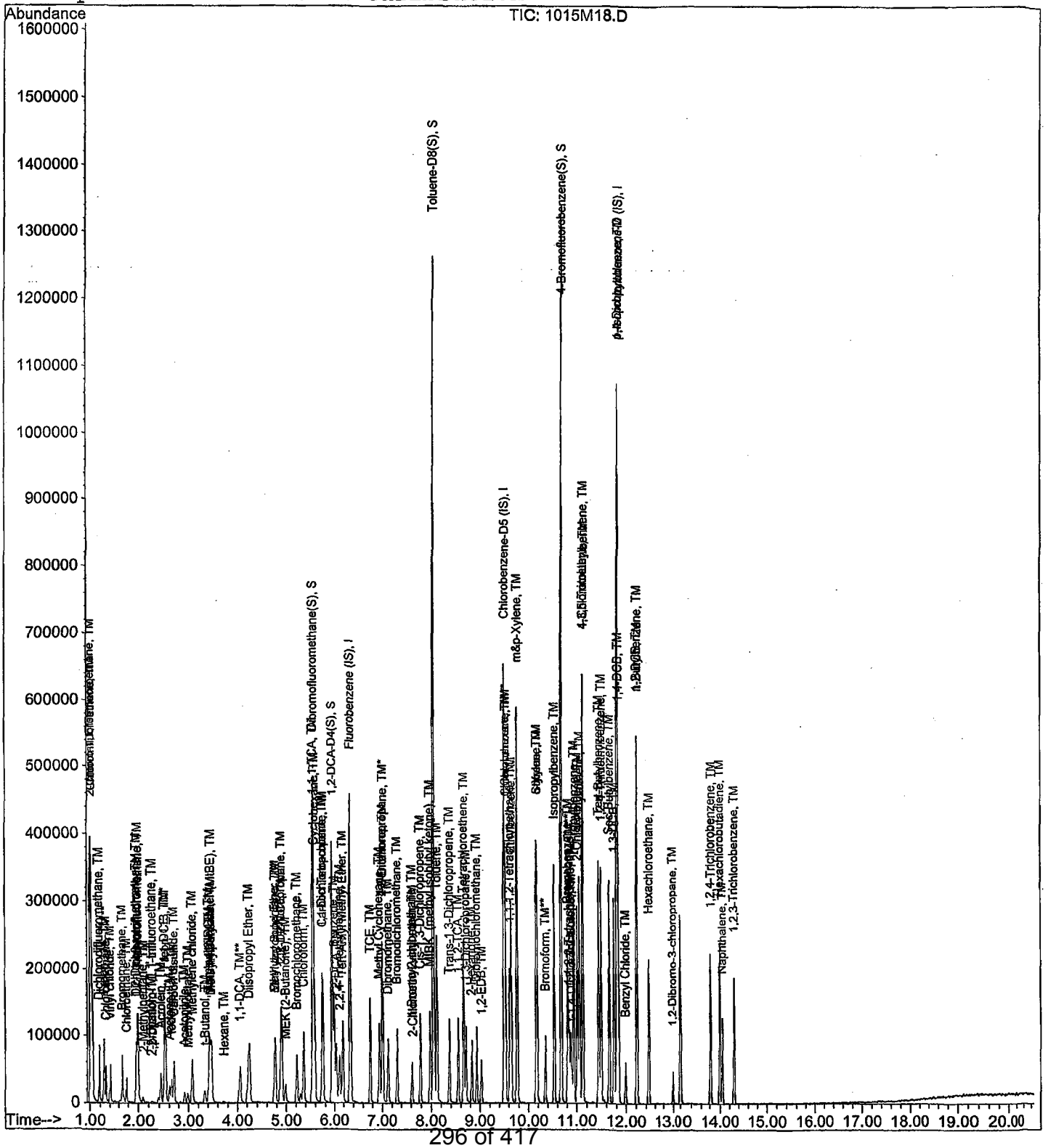
Quantitation Report

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

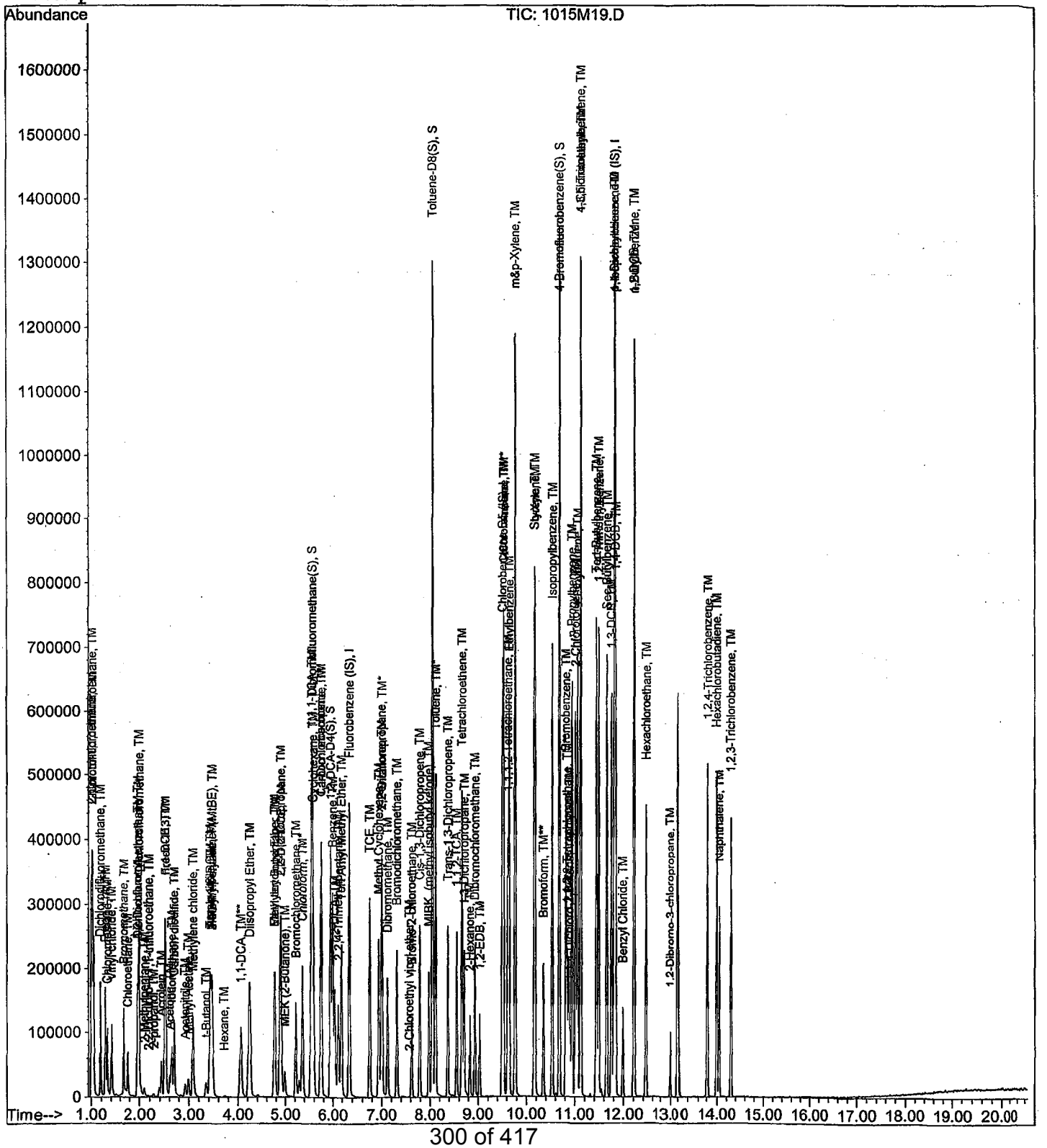
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77)	Chlorobenzene	9.53	112	247111	41.17	ppb	96
78)	Ethylbenzene	9.65	91	393606	43.49	ppb	98
79)	Bromoform	10.35	173	96934	47.29	ppb	94
81)	Isopropylbenzene	10.53	105	436071	40.40	ppb	98
82)	1,1,2,2-Tetrachloroethane	10.84	83	72110	39.85	ppb	91
83)	1,2,3-Trichloropropane	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

Quantitation Report

Data File : M:\MAX\DATA\211015\1015M19.D Vial: 9
Acq On : 15 Oct 21 18:31 Operator: LP,DG,CH
Sample : 40ug/L VOC STD 10/15/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Oct 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
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

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
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

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

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

Quantitation Report

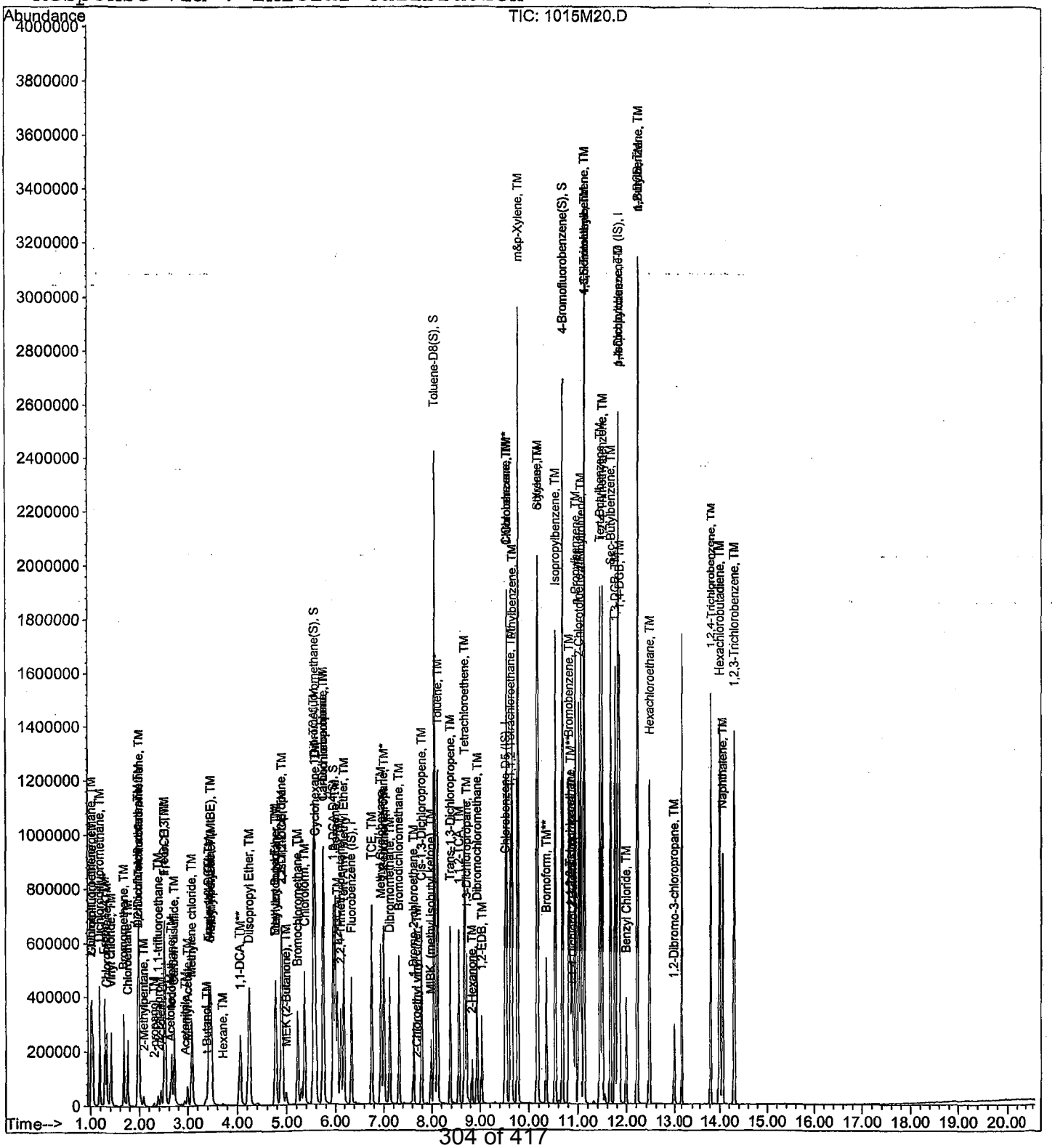
Data File : M:\MAX\DATA\211015\1015M20.D
Acq On : 15 Oct 21 19:00
Sample : 100ug/L VOC STD 10/15/21
Misc : IS&S 8/4/21

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

Quant Time: Oct 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	*Low
21	TML	Iodomethane	0.1096	0.0881	20	TML	24	*Low
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

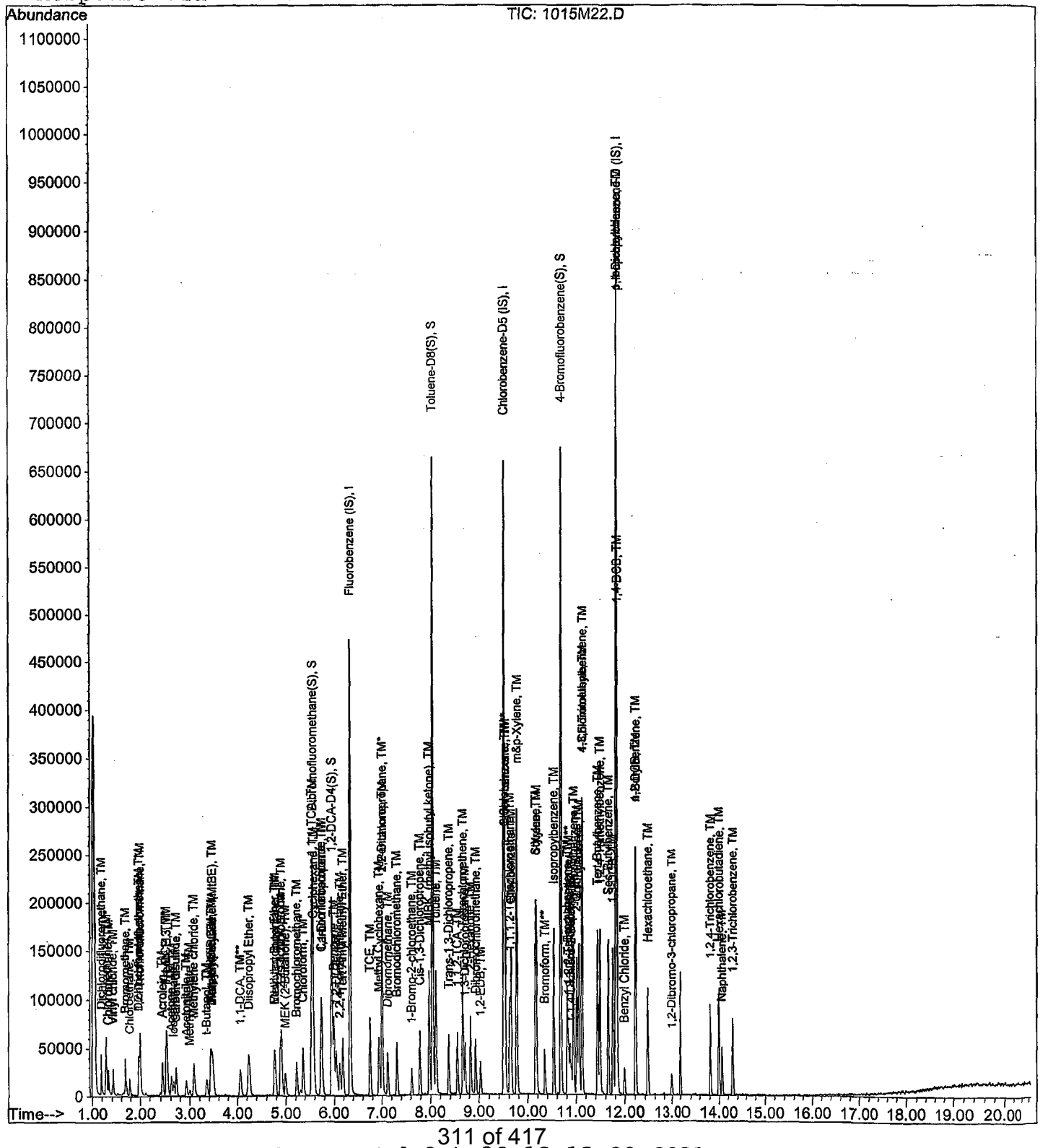
Data File : M:\MAX\DATA\211015\1015M22.D
Acq On : 15 Oct 21 19:57
Sample : (SS) 10ug/L VOC STD 10/15/21
Misc : IS&S 8/4/21

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: 9 Nov 21 8:32
Instrument: Max
Initial Cal. Date: 10/15/2021
Data File: 1109M02.D

		Compound	MEAN	CCRF	%D	%Drift	
1	I	Fluorobenzene (IS)	ISTD			I	
2	TM	Chlorotrifluoroethene	0.0000	0.0093	0.00	TM	
3	TM	Dichlorodifluoromethane	0.1497	0.1369	8.6	TM	
4	TM	Freon 114	0.0839	0.0915	9.1	TM	
5	TM**	Chloromethane	0.0893	0.0891	0.21	TM**	
6	TM*	Vinyl chloride	0.1101	0.0967	12	TM*	
7	TM	2-Chloro-1,1,1-trifluoroethane	0.0000	0.0020	0.00	TM	
8	TM	Bromomethane	0.0931	0.1025	10	TM	
9	TML	Chloroethane	0.0844	0.0591	30	TML	15
10	TM	Dichlorofluoromethane	0.2416	0.2181	9.7	TM	
11	TM	Trichlorofluoromethane	0.2889	0.2626	9.1	TM	
12	TM	2,2-Dichloro-1,1,1-trifluoroethane	0.0000	0.0001	0.00	TM	
13	TMQ	Acrolein	0.0145	0.0118	18	TMQ	15
14	TM	Acetone	0.0326	0.0273	16	TM	
15	TM	Freon-113	0.1176	0.1174	0.16	TM	
16	TM	Acetonitrile	0.0077	0.0064	17	TM	
17	TML	2-propanol	0.0000	0.0007	0.00	TML	
18	TM	1,2-Dichlorotrifluoroethane	0.2416	0.2181	9.7	TM	
19	TM*	1,1-DCE	0.1751	0.1526	13	TM*	
20	TMQ	t-Butanol	0.0101	0.0093	8.2	TMQ	9.0
21	TMQ	Methyl Acetate	0.0528	0.0446	16	TMQ	19
22	TML	Iodomethane	0.1096	0.1143	4.2	TML	5.4
23	TML	Acrylonitrile	0.0252	0.0265	5.2	TML	14
24	TM	Methylene chloride	0.1130	0.1068	5.5	TM	
25	TM	Carbon disulfide	0.1424	0.1441	1.2	TM	
26	TM	Methyl t-butyl ether (MtBE)	0.3769	0.3353	11	TM	
27	TM	Trans-1,2-DCE	0.1221	0.1112	8.9	TM	
28	TML	3-Methylpentane	0.0702	0.0595	15	TML	7.1
29	TM	Hexane	0.0000	0.0004	0.00	TM	
30	TM	Diisopropyl Ether	0.2351	0.2189	6.9	TM	
31	TM**	1,1-DCA	0.1831	0.1681	8.2	TM**	
32	TM	Ethyl tert Butyl Ether	0.3021	0.2770	8.3	TM	
33	TML	Methylcyclopentane	0.0160	0.0102	36	TML	25 *NT
34	TM	MEK (2-Butanone)	0.0341	0.0305	10	TM	
35	TM	Cis-1,2-DCE	0.1352	0.1160	14	TM	
36	TM	2,2-Dichloropropane	0.2349	0.2300	2.1	TM	
37	TM*	Chloroform	0.2377	0.2363	0.60	TM*	
38	TML	Bromochloromethane	0.1040	0.0903	13	TML	15
39	S	Dibromofluoromethane(S)	0.3105	0.3039	2.1	S	
40	TM	1,1,1-TCA	0.2791	0.2731	2.2	TM	
		Average			8.7		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 9 Nov 21 8:32
Instrument: Max
Cal. Date: 10/15/2021
Data File: 1109M02.D

		Compound	MEAN	CCRF	%D		%Drift
41	TM	Cyclohexane	0.0798	0.0773	3.2	TM	
42	TM	1,1-Dichloropropene	0.1514	0.1520	0.38	TM	
43	TM	2,2,4-Trimethylpentane	0.1964	0.1985	1.1	TM	
44	S	1,2-DCA-D4(S)	0.2166	0.2051	5.3	S	
45	TM	Carbon Tetrachloride	0.2625	0.2422	7.7	TM	
46	TM	Tert Amyl Methyl Ether	0.2978	0.2716	8.8	TM	
47	TM	1,2-DCA	0.2350	0.2318	1.4	TM	
48	TM	Benzene	0.4384	0.4033	8.0	TM	
49	TM	TCE	0.1404	0.1233	12	TM	
50	TM	2-Pentanone	0.0570	0.0522	8.3	TM	
51	TM*L	1,2-Dichloropropane	0.0476	0.0496	4.1	TM*L	1.9
52	TM	Bromodichloromethane	0.1968	0.1918	2.5	TM	
53	TML	Methyl Cyclohexane	0.1542	0.1344	13	TML	11
54	TM	Dibromomethane	0.0856	0.0749	12	TM	
55	TM	MIBK (methyl isobutyl ketone)	0.0729	0.0697	4.4	TM	
56	TML	1-Bromo-2-chloroethane	0.0245	0.0241	1.8	TML	13
57	TM	2-Chloroethyl vinyl ether	0.0000	0.0000	0.00	TM	
58	TM	Cis-1,3-Dichloropropene	0.1763	0.1718	2.6	TM	
59	TM*	Toluene	0.5070	0.5070	0.00	TM*	
60	TM	Trans-1,3-Dichloropropene	0.1749	0.1715	1.9	TM	
61	TM	1,1,2-TCA	0.0786	0.0722	8.2	TM	
62	TM	2-Hexanone	0.0493	0.0439	11	TM	
63	I	Chlorobenzene-D5 (IS)	ISTD			I	
64	S	Toluene-D8(S)	1.149	1.146	0.23	S	
65	TM	1,2-EDB	0.1319	0.1115	15	TM	
66	TML	Tetrachloroethene	0.2207	0.1254	43	TML	4.4
67	TM	1-Chlorohexane	0.0992	0.0993	0.05	TM	
68	TM	1,1,1,2-Tetrachloroethane	0.1860	0.1813	2.5	TM	
69	TM	m&p-Xylene	0.2826	0.2709	4.2	TM	
70	TM	o-Xylene	0.2964	0.2629	11	TM	
71	TM	Styrene	0.4463	0.4299	3.7	TM	
72	S	4-Bromofluorobenzene(S)	0.4641	0.4502	3.0	S	
73	TM	1,3-Dichloropropane	0.1940	0.1694	13	TM	
74	TM	Dibromochloromethane	0.1941	0.1710	12	TM	
75	TM**	Chlorobenzene	0.4334	0.4218	2.7	TM**	
76	TM*	Ethylbenzene	0.6860	0.6525	4.9	TM*	
77	TM**	Bromoform	0.1611	0.1477	8.3	TM**	
78	I	1,4-Dichlorobenzene-D (IS)	ISTD			I	
79	TM	Isopropylbenzene	1.166	1.101	5.5	TM	
80	TM**	1,1,2,2-Tetrachloroethane	0.2001	0.1618	19	TM**	
		Average			7.0		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 9 Nov 21 8:32
Instrument: Max
Cal. Date: 10/15/2021
Data File: 1109M02.D

		Compound	MEAN	CCRF	%D		%Drift	
81	TM	1,2,3-Trichloropropane	0.1000	0.0836	16	TM		
82	TML	t-1,4-Dichloro-2-Butene	0.0601	0.0502	16	TML	1.4	
83	TM	Bromobenzene	0.3816	0.3393	11	TM		
84	TM	n-Propylbenzene	1.151	1.100	4.5	TM		
85	TM	4-Ethyltoluene	1.063	1.050	1.2	TM		
86	TM	2-Chlorotoluene	0.9129	0.8559	6.2	TM		
87	TM	1,3,5-Trimethylbenzene	0.9948	0.9431	5.2	TM		
88	TM	4-Chlorotoluene	0.9068	0.8436	7.0	TM		
89	TM	Tert-Butylbenzene	0.5492	0.5755	4.8	TM		
90	TM	1,2,4-Trimethylbenzene	0.9425	0.9046	4.0	TM		
91	TM	Sec-Butylbenzene	1.051	1.028	2.2	TM		
92	TM	p-Isopropyltoluene	1.016	0.9648	5.0	TM		
93	TM	Benzyl Chloride	0.2406	0.2277	5.3	TM		
94	TM	1,3-DCB	0.6644	0.6096	8.3	TM		
95	TM	1,4-DCB	0.6767	0.5945	12	TM		
96	TML	n-Butylbenzene	0.5721	0.5524	3.5	TML	17	
97	TM	1,2-DCB	0.6504	0.5978	8.1	TM		
98	TM	Hexachloroethane	0.1703	0.1854	8.9	TM		
99	TML	1,2-Dibromo-3-chloropropane	0.0437	0.0408	6.7	TML	25	*NT
100	TML	1,2,4-Trichlorobenzene	0.1936	0.1628	16	TML	30	*NT
101	TML	Hexachlorobutadiene	0.2401	0.2337	2.7	TML	14	
102	TMQ	Naphthalene	0.4088	0.2787	32	TMQ	37	*NT
103	TML	1,2,3-Trichlorobenzene	0.2371	0.2079	12	TML	29	*NT
104								
105								
106								
107								
108								
109								
110								
111								
112								
113								
114								
115								
116								
117								
118								
119								
120								
		Average			8.6			

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211108\1109M02.D Vial: 2
Acq On : 9 Nov 21 8:32 Operator: LP,DG,CH
Sample : 211109A CCV 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 9 9:09 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)	6.38	96	405840	25.00	ppb		0.04
65) Chlorobenzene-D5 (IS)	9.53	117	378086	25.00	ppb		0.03
80) 1,4-Dichlorobenzene-D (IS)	11.85	152	238208	25.00	ppb		0.03
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.59	111	123315	24.47	ppb		0.03
Spiked Amount 25.000			Recovery =	97.860%			
46) 1,2-DCA-D4(S)	5.98	65	83224	23.67	ppb		0.03
Spiked Amount 25.000			Recovery =	94.692%			
66) Toluene-D8(S)	8.08	98	433431	24.94	ppb		0.03
Spiked Amount 25.000			Recovery =	99.768%			
74) 4-Bromofluorobenzene(S)	10.70	95	170198	24.25	ppb		0.03
Spiked Amount 25.000			Recovery =	97.000%			
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.19	85	22216	9.14	ppb		98
4) Freon 114	1.30	85	14857	10.91	ppb		79
5) Chloromethane	1.34	50	14468	9.98	ppb		99
6) Vinyl chloride	1.43	62	15701	8.78	ppb		93
8) Bromomethane	1.69	94	16633	11.01	ppb		88
9) Chloroethane	1.79	64	9594	8.48	ppb		96
10) Dichlorofluoromethane	1.99	67	35398	9.03	ppb		97
11) Trichlorofluoromethane	2.02	101	42623	9.09	ppb		93
13) Acrolein	2.46	56	24030	105.97	ppb		92
14) Acetone	2.63	43	22144	41.85	ppb		95
15) Freon-113	2.55	151	19056	9.98	ppb		98
16) Acetonitrile	2.96	41	13018	103.53	ppb		97
18) 1,2-Dichlorotrifluoroethan	1.99	67	35398	9.03	ppb		100
19) 1,1-DCE	2.53	61	24768	8.72	ppb		98
20) t-Butanol	3.37	59	18878	113.69	ppb		98
21) Methyl Acetate	3.02	43	7241	8.14	ppb		96
22) Iodomethane	2.69	142	18550	9.46	ppb		97
23) Acrylonitrile	3.48	53	4303	8.58	ppb	#	74
25) Methylene chloride	3.11	84	17332	9.45	ppb		97
26) Carbon disulfide	2.74	76	23400	10.12	ppb		94
27) Methyl t-butyl ether (MtBE	3.50	73	54435	8.90	ppb		96
28) Trans-1,2-DCE	3.47	96	18049	9.11	ppb		90
29) 3-Methylpentane	3.50	57	9661	9.29	ppb	#	78
31) Diisopropyl Ether	4.28	45	35535	9.31	ppb		96
32) 1,1-DCA	4.10	63	27282	9.18	ppb	#	94
34) Ethyl tert Butyl Ether	4.81	59	44968	9.17	ppb		93
35) Methylcyclopentane	4.81	56	1657	7.55	ppb		100

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211108\1109M02.D Vial: 2
Acq On : 9 Nov 21 8:32 Operator: LP,DG,CH
Sample : 211109A CCV 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 9 9:09 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	24791	44.81	ppb		98
37)	Cis-1,2-DCE	4.95	96	18831	8.58	ppb		96
38)	2,2-Dichloropropane	4.93	77	37337	9.79	ppb		98
39)	Chloroform	5.40	83	38354	9.94	ppb		91
40)	Bromochloromethane	5.26	130	14662	8.47	ppb		91
42)	1,1,1-TCA	5.58	97	44334	9.78	ppb		99
43)	Cyclohexane	5.62	41	12547	9.68	ppb		80
44)	1,1-Dichloropropene	5.79	75	24676	10.04	ppb		95
45)	2,2,4-Trimethylpentane	6.15	57	32220	10.11	ppb		85
47)	Carbon Tetrachloride	5.77	117	39313	9.23	ppb		97
48)	Tert Amyl Methyl Ether	6.22	73	44084	9.12	ppb	#	98
49)	1,2-DCA	6.07	62	37625	9.86	ppb		100
50)	Benzene	6.03	78	65468	9.20	ppb		99
51)	TCE	6.78	95	20018	8.79	ppb		81
52)	2-Pentanone	7.04	43	105982	114.61	ppb		96
53)	1,2-Dichloropropane	7.03	63	8048	10.19	ppb		100
54)	Bromodichloromethane	7.35	83	31144	9.75	ppb		97
55)	Methyl Cyclohexane	6.97	83	21814	8.92	ppb		83
56)	Dibromomethane	7.15	93	12165	8.75	ppb		94
57)	MIBK (methyl isobutyl ket	8.01	43	56544	47.81	ppb		97
58)	1-Bromo-2-chloroethane	7.65	144	3910	8.75	ppb	#	69
60)	Cis-1,3-Dichloropropene	7.82	75	27894	9.74	ppb		93
61)	Toluene	8.15	91	82300	10.00	ppb		96
62)	Trans-1,3-Dichloropropene	8.40	75	27833	9.81	ppb		98
63)	1,1,2-TCA	8.58	83	11716	9.18	ppb		91
64)	2-Hexanone	8.85	43	35630	44.55	ppb		98
67)	1,2-EDB	9.06	107	16862	8.45	ppb		99
68)	Tetrachloroethene	8.69	164	18968	9.56	ppb		82
69)	1-Chlorohexane	9.56	91	15015	10.01	ppb		89
70)	1,1,1,2-Tetrachloroethane	9.65	131	27426	9.75	ppb		86
71)	m&p-Xylene	9.80	106	81930	19.17	ppb		92
72)	o-Xylene	10.19	106	39760	8.87	ppb		94
73)	Styrene	10.20	104	65023	9.63	ppb	#	94
75)	1,3-Dichloropropane	8.74	76	25622	8.74	ppb	#	80
76)	Dibromochloromethane	8.96	129	25856	8.81	ppb		97
77)	Chlorobenzene	9.56	112	63788	9.73	ppb		95
78)	Ethylbenzene	9.68	91	98676	9.51	ppb		94
79)	Bromoform	10.37	173	22330	9.17	ppb		95
81)	Isopropylbenzene	10.56	105	104939	9.45	ppb		97
82)	1,1,2,2-Tetrachloroethane	10.87	83	15416	8.09	ppb	#	92
83)	1,2,3-Trichloropropane	10.90	110	7962	8.35	ppb		91
84)	t-1,4-Dichloro-2-Butene	10.93	53	4781	9.86	ppb		81

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

Data File : M:\MAX\DATA\211108\1109M02.D Vial: 2
Acq On : 9 Nov 21 8:32 Operator: LP,DG,CH
Sample : 211109A CCV 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 9 9:09 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	32333	8.89	ppb	89
86)	n-Propylbenzene	10.97	91	104785	9.55	ppb	95
87)	4-Ethyltoluene	11.08	105	100052	9.88	ppb	99
88)	2-Chlorotoluene	11.04	91	81557	9.38	ppb	91
89)	1,3,5-Trimethylbenzene	11.15	105	89857	9.48	ppb	91
90)	4-Chlorotoluene	11.15	91	80382	9.30	ppb	95
91)	Tert-Butylbenzene	11.47	119	54832	10.48	ppb	94
92)	1,2,4-Trimethylbenzene	11.52	105	86193	9.60	ppb	94
93)	Sec-Butylbenzene	11.68	105	97940	9.78	ppb	99
94)	p-Isopropyltoluene	11.84	119	91931	9.50	ppb	96
95)	Benzyl Chloride	12.01	91	21696	9.47	ppb	91
96)	1,3-DCB	11.78	146	58084	9.17	ppb	99
97)	1,4-DCB	11.87	146	56645	8.78	ppb	96
98)	n-Butylbenzene	12.24	91	52631	8.30	ppb	94
99)	1,2-DCB	12.24	146	56959	9.19	ppb	97
100)	Hexachloroethane	12.48	117	17666	10.89	ppb	92
101)	1,2-Dibromo-3-chloropropan	13.02	75	3885	7.46	ppb	94
102)	1,2,4-Trichlorobenzene	13.84	180	15516	7.01	ppb	97
103)	Hexachlorobutadiene	14.01	225	22266	8.55	ppb	95
104)	Naphthalene	14.08	128	26553	6.34	ppb	98
105)	1,2,3-Trichlorobenzene	14.32	180	19805	7.09	ppb	84

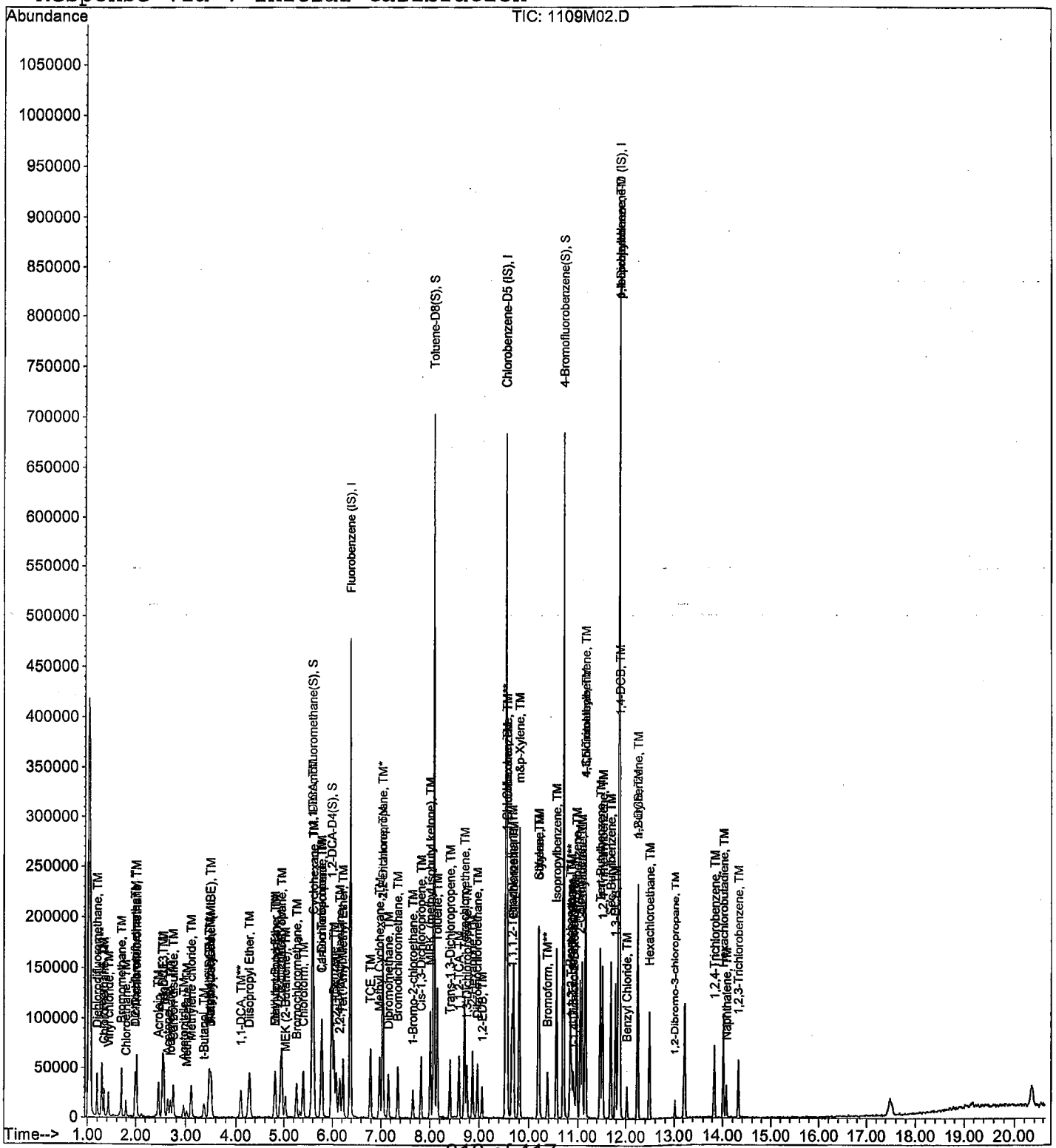
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211108\1109M02.D Vial: 2
Acq On : 9 Nov 21 8:32 Operator: LP,DG,CH
Sample : 211109A CCV 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 9 9:09 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: 11/10/2021
Instrument: Max
Initial Cal. Date: 10/15/2021
Data File: 1109M52.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Fluorobenzene (IS)	ISTD			I	
2	TM	Chlorotrifluoroethene	0.0000	0.0078	0.00	TM	
3	TM	Dichlorodifluoromethane	0.1497	0.1650	10	TM	
4	TM	Freon 114	0.0839	0.1045	25	TM	
5	TM**	Chloromethane	0.0893	0.0989	11	TM**	
6	TM*	Vinyl chloride	0.1101	0.1077	2.2	TM*	
7	TM	2-Chloro-1,1,1-trifluoroethane	0.0000	0.0033	0.00	TM	
8	TM	Bromomethane	0.0931	0.1153	24	TM	
9	TML	Chloroethane	0.0844	0.0694	18	TML	2.4
10	TM	Dichlorofluoromethane	0.2416	0.2442	1.1	TM	
11	TM	Trichlorofluoromethane	0.2889	0.3112	7.7	TM	
12	TM	2,2-Dichloro-1,1,1-trifluoroethane	0.0000	0.0001	0.00	TM	
13	TMQ	Acrolein	0.0145	0.0111	23	TMQ	20
14	TM	Acetone	0.0326	0.0233	28	TM	
15	TM	Freon-113	0.1176	0.1393	18	TM	
16	TM	Acetonitrile	0.0077	0.0068	12	TM	
17	TML	2-propanol	0.0000	0.0009	0.00	TML	
18	TM	1,2-Dichlorotrifluoroethane	0.2416	0.2442	1.1	TM	
19	TM*	1,1-DCE	0.1751	0.1666	4.8	TM*	
20	TMQ	t-Butanol	0.0101	0.0087	14	TMQ	16
21	TMQ	Methyl Acetate	0.0528	0.0430	19	TMQ	22
22	TML	Iodomethane	0.1096	0.1098	0.14	TML	8.6
23	TML	Acrylonitrile	0.0252	0.0258	2.2	TML	17
24	TM	2-Methylpentane	0.0000	0.0001	0.00	TM	
25	TM	Methylene chloride	0.1130	0.1069	5.4	TM	
26	TM	Carbon disulfide	0.1424	0.1548	8.7	TM	
27	TM	Methyl t-butyl ether (MtBE)	0.3769	0.3370	11	TM	
28	TM	Trans-1,2-DCE	0.1221	0.1191	2.4	TM	
29	TML	3-Methylpentane	0.0702	0.0525	25	TML	19
30	TM	Hexane	0.0000	0.0011	0.00	TM	
31	TM	Diisopropyl Ether	0.2351	0.2281	3.0	TM	
32	TM**	1,1-DCA	0.1831	0.1819	0.64	TM**	
33	TM	Ethyl tert Butyl Ether	0.3021	0.2953	2.2	TM	
34	TML	Methylcyclopentane	0.0160	0.0099	38	TML	27
35	TM	MEK (2-Butanone)	0.0341	0.0279	18	TM	
36	TM	Cis-1,2-DCE	0.1352	0.1323	2.2	TM	
37	TM	2,2-Dichloropropane	0.2349	0.2538	8.1	TM	
38	TM*	Chloroform	0.2377	0.2540	6.9	TM*	
39	TML	Bromochloromethane	0.1040	0.1008	3.0	TML	4.9
40	S	Dibromofluoromethane(S)	0.3105	0.3100	0.15	S	
		Average			9.1		

VOLATILE ORGANIC ANALYSIS BY EPA METHOD 8260B

Form 7

Ending Continuing Calibration

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

SDG No:
Date Analyzed: 11/10/2021
Instrument: Max
Cal. Date: 10/15/2021
Data File: 1109M52.D

		Compound	MEAN	CCRF	%D		%Drift
41	TM	1,1,1-TCA	0.2791	0.2912	4.3	TM	
42	TM	Cyclohexane	0.0798	0.0766	4.0	TM	
43	TM	1,1-Dichloropropene	0.1514	0.1657	9.5	TM	
44	TM	2,2,4-Trimethylpentane	0.1964	0.2452	25	TM	
45	S	1,2-DCA-D4(S)	0.2166	0.2009	7.2	S	
46	TM	Carbon Tetrachloride	0.2625	0.2735	4.2	TM	
47	TM	Tert Amyl Methyl Ether	0.2978	0.2828	5.0	TM	
48	TM	1,2-DCA	0.2350	0.2225	5.3	TM	
49	TM	Benzene	0.4384	0.4184	4.6	TM	
50	TM	TCE	0.1404	0.1412	0.59	TM	
51	TM	2-Pentanone	0.0570	0.0471	17	TM	
52	TM*L	1,2-Dichloropropane	0.0476	0.0465	2.3	TM*L	4.6
53	TM	Bromodichloromethane	0.1968	0.2080	5.7	TM	
54	TML	Methyl Cyclohexane	0.1542	0.1793	16	TML	18
55	TM	Dibromomethane	0.0856	0.0726	15	TM	
56	TM	MIBK (methyl isobutyl ketone)	0.0729	0.0604	17	TM	
57	TML	1-Bromo-2-chloroethane	0.0245	0.0259	5.8	TML	5.8
58	TM	2-Chloroethyl vinyl ether	0.0000	0.0001	0.00	TM	
59	TM	Cis-1,3-Dichloropropene	0.1763	0.1903	7.9	TM	
60	TM*	Toluene	0.5070	0.5532	9.1	TM*	
61	TM	Trans-1,3-Dichloropropene	0.1749	0.1875	7.2	TM	
62	TM	1,1,2-TCA	0.0786	0.0691	12	TM	
63	TM	2-Hexanone	0.0493	0.0395	20	TM	
64	I	Chlorobenzene-D5 (IS)	ISTD			I	
65	S	Toluene-D8(S)	1.149	1.148	0.07	S	
66	TM	1,2-EDB	0.1319	0.1151	13	TM	
67	TML	Tetrachloroethene	0.2207	0.1319	40	TML	1.3
68	TM	1-Chlorohexane	0.0992	0.1083	9.2	TM	
69	TM	1,1,1,2-Tetrachloroethane	0.1860	0.2021	8.6	TM	
70	TM	m&p-Xylene	0.2826	0.3104	9.8	TM	
71	TM	o-Xylene	0.2964	0.2957	0.25	TM	
72	TM	Styrene	0.4463	0.4726	5.9	TM	
73	S	4-Bromofluorobenzene(S)	0.4641	0.4724	1.8	S	
74	TM	1,3-Dichloropropane	0.1940	0.1736	11	TM	
75	TM	Dibromochloromethane	0.1941	0.1841	5.1	TM	
76	TM**	Chlorobenzene	0.4334	0.4597	6.1	TM**	
77	TM*	Ethylbenzene	0.6860	0.7080	3.2	TM*	
78	TM**	Bromoform	0.1611	0.1408	13	TM**	
79	I	1,4-Dichlorobenzene-D (IS)	ISTD			I	
80	TM	Isopropylbenzene	1.166	1.235	5.9	TM	
		Average			8.9		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Ending Continuing Calibration

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

SDG No:
Date Analyzed: 11/10/2021
Instrument: Max
Cal. Date: 10/15/2021
Data File: 1109M52.D

		Compound	MEAN	CCRF	%D		%Drift
81	TM**	1,1,2,2-Tetrachloroethane	0.2001	0.1653	17	TM**	
82	TM	1,2,3-Trichloropropane	0.1000	0.0946	5.4	TM	
83	TML	t-1,4-Dichloro-2-Butene	0.0601	0.0454	24	TML	10
84	TM	Bromobenzene	0.3816	0.3839	0.58	TM	
85	TM	n-Propylbenzene	1.151	1.260	9.4	TM	
86	TM	4-Ethyltoluene	1.063	1.196	13	TM	
87	TM	2-Chlorotoluene	0.9129	0.8152	11	TM	
88	TM	1,3,5-Trimethylbenzene	0.9948	1.090	9.5	TM	
89	TM	4-Chlorotoluene	0.9068	0.9693	6.9	TM	
90	TM	Tert-Butylbenzene	0.5492	0.6160	12	TM	
91	TM	1,2,4-Trimethylbenzene	0.9425	1.040	10	TM	
92	TM	Sec-Butylbenzene	1.051	1.160	10	TM	
93	TM	p-Isopropyltoluene	1.016	1.123	11	TM	
94	TM	Benzyl Chloride	0.2406	0.2719	13	TM	
95	TM	1,3-DCB	0.6644	0.6877	3.5	TM	
96	TM	1,4-DCB	0.6767	0.6858	1.3	TM	
97	TML	n-Butylbenzene	0.5721	0.6510	14	TML	4.5
98	TM	1,2-DCB	0.6504	0.6573	1.1	TM	
99	TM	Hexachloroethane	0.1703	0.1850	8.7	TM	
100	TML	1,2-Dibromo-3-chloropropane	0.0437	0.0426	2.6	TML	23
101	TML	1,2,4-Trichlorobenzene	0.1936	0.2106	8.8	TML	16
102	TML	Hexachlorobutadiene	0.2401	0.2894	21	TML	3.6
103	TMQ	Naphthalene	0.4088	0.2839	31	TMQ	36
104	TML	1,2,3-Trichlorobenzene	0.2371	0.2246	5.3	TML	25
105							
106							
107							
108							
109							
110							
111							
112							
113							
114							
115							
116							
117							
118							
119							
120							
		Average			10.4		

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211108\1109M52.D Vial: 23
Acq On : 10 Nov 21 7:35 Operator: LP,DG,CH
Sample : Ending CCV 10ug/L 11/9/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 10 7:57 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.37	96	424187	25.00	ppb		0.03
65) Chlorobenzene-D5 (IS)	9.53	117	395840	25.00	ppb		0.03
80) 1,4-Dichlorobenzene-D (IS)	11.85	152	254952	25.00	ppb		0.03
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.59	111	131504	24.96	ppb		0.03
Spiked Amount 25.000			Recovery =	99.848%			
46) 1,2-DCA-D4(S)	5.98	65	85224	23.19	ppb		0.03
Spiked Amount 25.000			Recovery =	92.776%			
66) Toluene-D8(S)	8.08	98	454537	24.98	ppb		0.03
Spiked Amount 25.000			Recovery =	99.932%			
74) 4-Bromofluorobenzene(S)	10.71	95	186991	25.45	ppb		0.03
Spiked Amount 25.000			Recovery =	101.792%			
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.19	85	27992	11.02	ppb		98
4) Freon 114	1.30	85	17731	12.46	ppb		84
5) Chloromethane	1.34	50	16789	11.08	ppb		93
6) Vinyl chloride	1.43	62	18276	9.78	ppb		98
8) Bromomethane	1.69	94	19562	12.39	ppb		98
9) Chloroethane	1.79	64	11777	9.76	ppb		97
10) Dichlorofluoromethane	1.99	67	41433	10.11	ppb		93
11) Trichlorofluoromethane	2.02	101	52795	10.77	ppb		95
13) Acrolein	2.45	56	23561	99.50	ppb	#	80
14) Acetone	2.63	43	19794	35.79	ppb		97
15) Freon-113	2.55	151	23628	11.84	ppb		96
16) Acetonitrile	2.95	41	14503	110.35	ppb	#	90
18) 1,2-Dichlorotrifluoroethan	1.99	67	41433	10.11	ppb		100
19) 1,1-DCE	2.53	61	28264	9.52	ppb		93
20) t-Butanol	3.36	59	18425	105.59	ppb		91
21) Methyl Acetate	3.02	43	7289	7.84	ppb	#	68
22) Iodomethane	2.68	142	18625	9.14	ppb		88
23) Acrylonitrile	3.47	53	4371	8.33	ppb	#	87
25) Methylene chloride	3.11	84	18130	9.46	ppb		98
26) Carbon disulfide	2.73	76	26272	10.87	ppb		96
27) Methyl t-butyl ether (MtBE	3.49	73	57177	8.94	ppb	#	89
28) Trans-1,2-DCE	3.46	96	20206	9.76	ppb		96
29) 3-Methylpentane	3.50	57	8904	8.13	ppb	#	72
31) Diisopropyl Ether	4.27	45	38701	9.70	ppb		91
32) 1,1-DCA	4.09	63	30867	9.94	ppb	#	96
34) Ethyl tert Butyl Ether	4.80	59	50110	9.78	ppb		96
35) Methylcyclopentane	4.79	56	1680	7.28	ppb		100

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211108\1109M52.D Vial: 23
Acq On : 10 Nov 21 7:35 Operator: LP,DG,CH
Sample : Ending CCV 10ug/L 11/9/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 10 7:57 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
36)	MEK (2-Butanone)	5.02	43	23682	40.96	ppb		97
37)	Cis-1,2-DCE	4.95	96	22441	9.78	ppb		94
38)	2,2-Dichloropropane	4.92	77	43071	10.81	ppb		100
39)	Chloroform	5.39	83	43097	10.69	ppb		94
40)	Bromochloromethane	5.25	130	17107	9.51	ppb		93
42)	1,1,1-TCA	5.57	97	49402	10.43	ppb		95
43)	Cyclohexane	5.62	41	13005	9.60	ppb		83
44)	1,1-Dichloropropene	5.78	75	28122	10.95	ppb		92
45)	2,2,4-Trimethylpentane	6.15	57	41608	12.49	ppb		86
47)	Carbon Tetrachloride	5.77	117	46414	10.42	ppb		97
48)	Tert Amyl Methyl Ether	6.21	73	47984	9.50	ppb		100
49)	1,2-DCA	6.07	62	37747	9.47	ppb		97
50)	Benzene	6.02	78	70984	9.54	ppb		98
51)	TCE	6.78	95	23955	10.06	ppb		98
52)	2-Pentanone	7.03	43	99881	103.34	ppb		98
53)	1,2-Dichloropropane	7.02	63	7893	9.54	ppb		95
54)	Bromodichloromethane	7.34	83	35286	10.57	ppb		93
55)	Methyl Cyclohexane	6.97	83	30423	11.85	ppb		97
56)	Dibromomethane	7.15	93	12312	8.47	ppb		93
57)	MIBK (methyl isobutyl ket	8.00	43	51221	41.44	ppb		97
58)	1-Bromo-2-chloroethane	7.65	144	4402	9.42	ppb	#	70
60)	Cis-1,3-Dichloropropene	7.82	75	32286	10.79	ppb		91
61)	Toluene	8.14	91	93863	10.91	ppb		97
62)	Trans-1,3-Dichloropropene	8.40	75	31813	10.72	ppb		97
63)	1,1,2-TCA	8.58	83	11717	8.79	ppb		96
64)	2-Hexanone	8.85	43	33483	40.05	ppb		97
67)	1,2-EDB	9.06	107	18227	8.73	ppb		85
68)	Tetrachloroethene	8.69	164	20888	10.13	ppb		87
69)	1-Chlorohexane	9.56	91	17152	10.92	ppb		94
70)	1,1,1,2-Tetrachloroethane	9.65	131	31995	10.86	ppb		89
71)	m&p-Xylene	9.80	106	98292	21.97	ppb		95
72)	o-Xylene	10.19	106	46812	9.97	ppb		99
73)	Styrene	10.20	104	74831	10.59	ppb		95
75)	1,3-Dichloropropane	8.74	76	27483	8.95	ppb		85
76)	Dibromochloromethane	8.96	129	29152	9.49	ppb		97
77)	Chlorobenzene	9.56	112	72789	10.61	ppb		94
78)	Ethylbenzene	9.68	91	112097	10.32	ppb		98
79)	Bromoform	10.37	173	22300	8.74	ppb		98
81)	Isopropylbenzene	10.56	105	125935	10.59	ppb		98
82)	1,1,2,2-Tetrachloroethane	10.87	83	16860	8.26	ppb		95
83)	1,2,3-Trichloropropane	10.90	110	9651	9.46	ppb	#	81
84)	t-1,4-Dichloro-2-Butene	10.92	53	4634	8.96	ppb	#	57

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211108\1109M52.D Vial: 23
Acq On : 10 Nov 21 7:35 Operator: LP,DG,CH
Sample : Ending CCV 10ug/L 11/9/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 10 7:57 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
85)	Bromobenzene	10.84	156	39146	10.06	ppb		88
86)	n-Propylbenzene	10.97	91	128475	10.94	ppb		99
87)	4-Ethyltoluene	11.08	105	122012	11.25	ppb		95
88)	2-Chlorotoluene	11.04	91	83131	8.93	ppb		91
89)	1,3,5-Trimethylbenzene	11.15	105	111113	10.95	ppb		95
90)	4-Chlorotoluene	11.15	91	98854	10.69	ppb		99
91)	Tert-Butylbenzene	11.47	119	62816	11.22	ppb		98
92)	1,2,4-Trimethylbenzene	11.52	105	106065	11.04	ppb		96
93)	Sec-Butylbenzene	11.69	105	118299	11.04	ppb		97
94)	p-Isopropyltoluene	11.84	119	114570	11.06	ppb		100
95)	Benzyl Chloride	12.01	91	27726	11.30	ppb		97
96)	1,3-DCB	11.78	146	70137	10.35	ppb		99
97)	1,4-DCB	11.87	146	69940	10.13	ppb		94
98)	n-Butylbenzene	12.24	91	66388	9.55	ppb		97
99)	1,2-DCB	12.24	146	67030	10.11	ppb		98
100)	Hexachloroethane	12.49	117	18869	10.87	ppb		97
101)	1,2-Dibromo-3-chloropropan	13.02	75	4343	7.74	ppb	#	88
102)	1,2,4-Trichlorobenzene	13.84	180	21480	8.42	ppb		85
103)	Hexachlorobutadiene	14.02	225	29516	10.36	ppb		94
104)	Naphthalene	14.08	128	28956	6.44	ppb		98
105)	1,2,3-Trichlorobenzene	14.32	180	22902	7.45	ppb		84

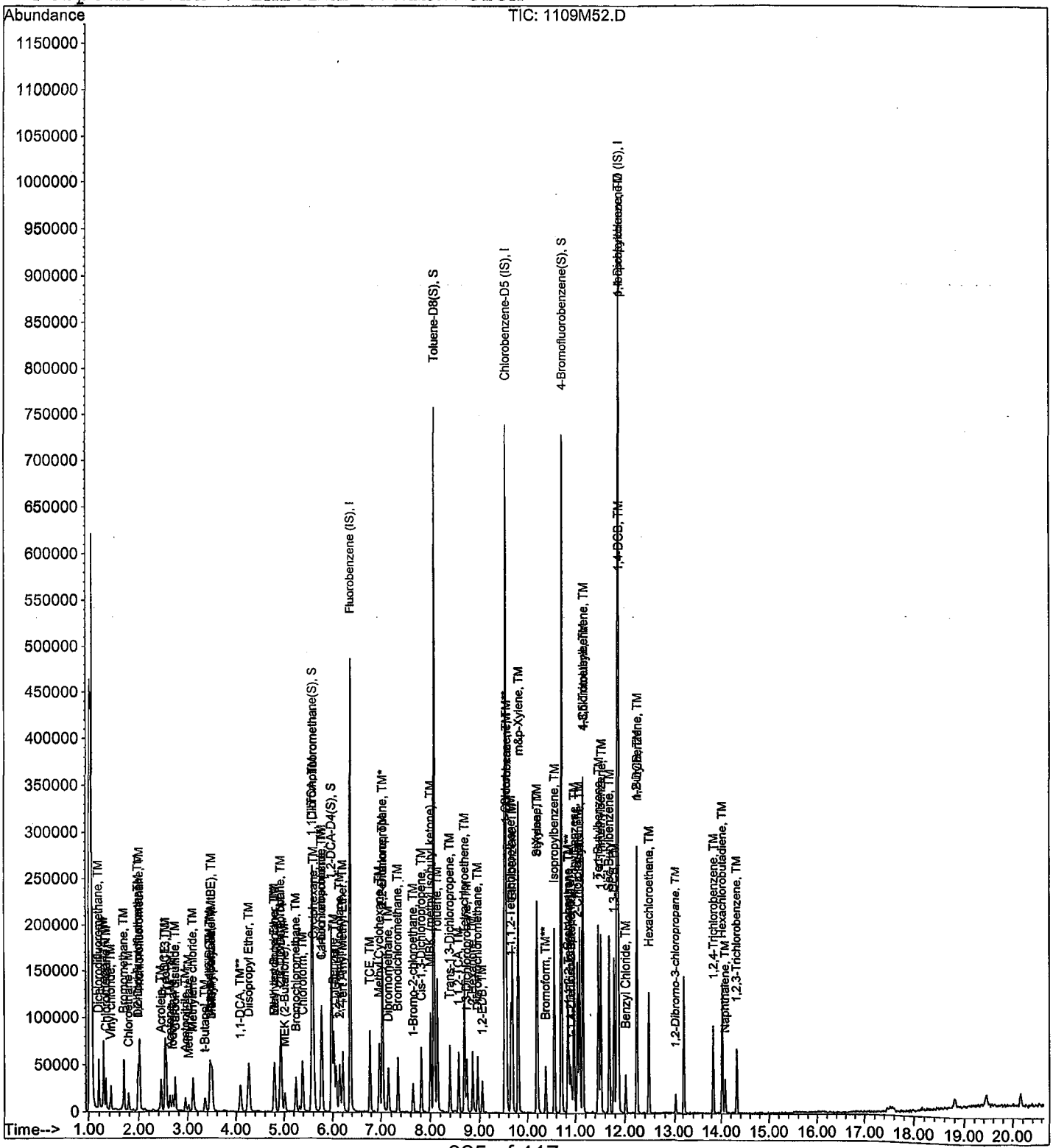
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211108\1109M52.D Vial: 23
Acq On : 10 Nov 21 7:35 Operator: LP,DG,CH
Sample : Ending CCV 10ug/L 11/9/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 10 7:57 2021 Quant Results File: M1015W.RES

Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration



ORGANICS
Raw Data

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211108\1109M12.D Vial: 12
Acq On : 9 Nov 21 13:15 Operator: LP,DG,CH
Sample : BA45104W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 10 9:26 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)	6.38	96	390754	25.00	ppb	0.04
65) Chlorobenzene-D5 (IS)	9.53	117	348516	25.00	ppb	0.03
80) 1,4-Dichlorobenzene-D (IS)	11.85	152	211154	25.00	ppb	0.03
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.59	111	127330	26.24	ppb	0.03
Spiked Amount 25.000			Recovery =	104.948%		
46) 1,2-DCA-D4(S)	5.98	65	86360	25.51	ppb	0.04
Spiked Amount 25.000			Recovery =	102.056%		
66) Toluene-D8(S)	8.08	98	415195	25.92	ppb	0.03
Spiked Amount 25.000			Recovery =	103.680%		
74) 4-Bromofluorobenzene(S)	10.70	95	155034	23.96	ppb	0.03
Spiked Amount 25.000			Recovery =	95.852%		

Target Compounds Qvalue

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

Quantitation Report

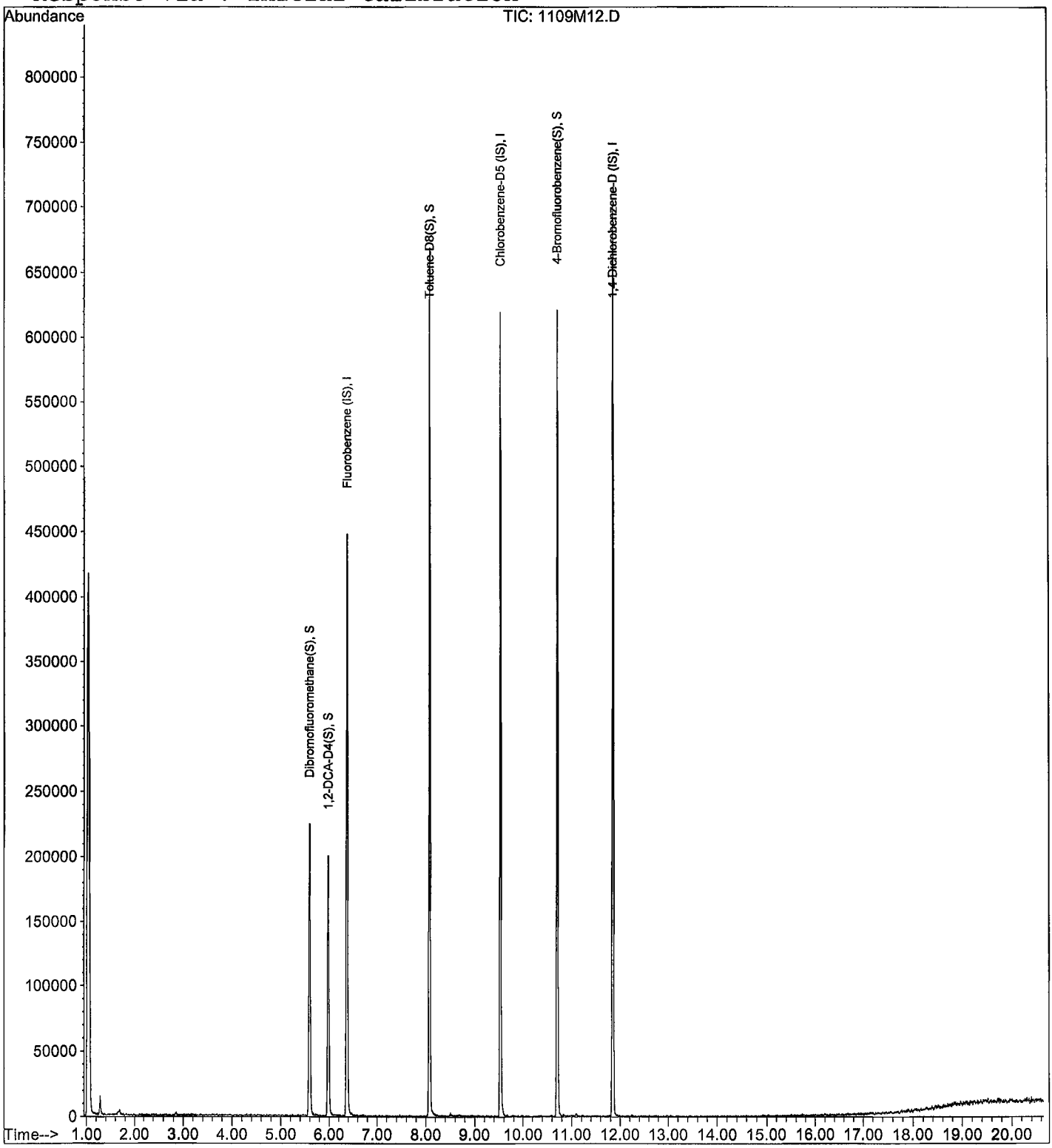
Data File : M:\MAX\DATA\211108\1109M12.D
Acq On : 9 Nov 21 13:15
Sample : BA45104W01
Misc : IS&S 8/4/21

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

Quant Time: Nov 10 9:26 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\211108\1109M13.D Vial: 13
Acq On : 9 Nov 21 13:44 Operator: LP,DG,CH
Sample : BA45105W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 10 4:52 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	375672	25.00	ppb	0.03
65) Chlorobenzene-D5 (IS)	9.53	117	332503	25.00	ppb	0.03
80) 1,4-Dichlorobenzene-D (IS)	11.85	152	205191	25.00	ppb	0.03
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.59	111	125117	26.82	ppb	0.03
Spiked Amount 25.000			Recovery =	107.264%		
46) 1,2-DCA-D4(S)	5.98	65	87024	26.74	ppb	0.03
Spiked Amount 25.000			Recovery =	106.968%		
66) Toluene-D8(S)	8.08	98	385506	25.23	ppb	0.03
Spiked Amount 25.000			Recovery =	100.900%		
74) 4-Bromofluorobenzene(S)	10.70	95	153191	24.82	ppb	0.03
Spiked Amount 25.000			Recovery =	99.276%		

Target Compounds Qvalue

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

Quantitation Report

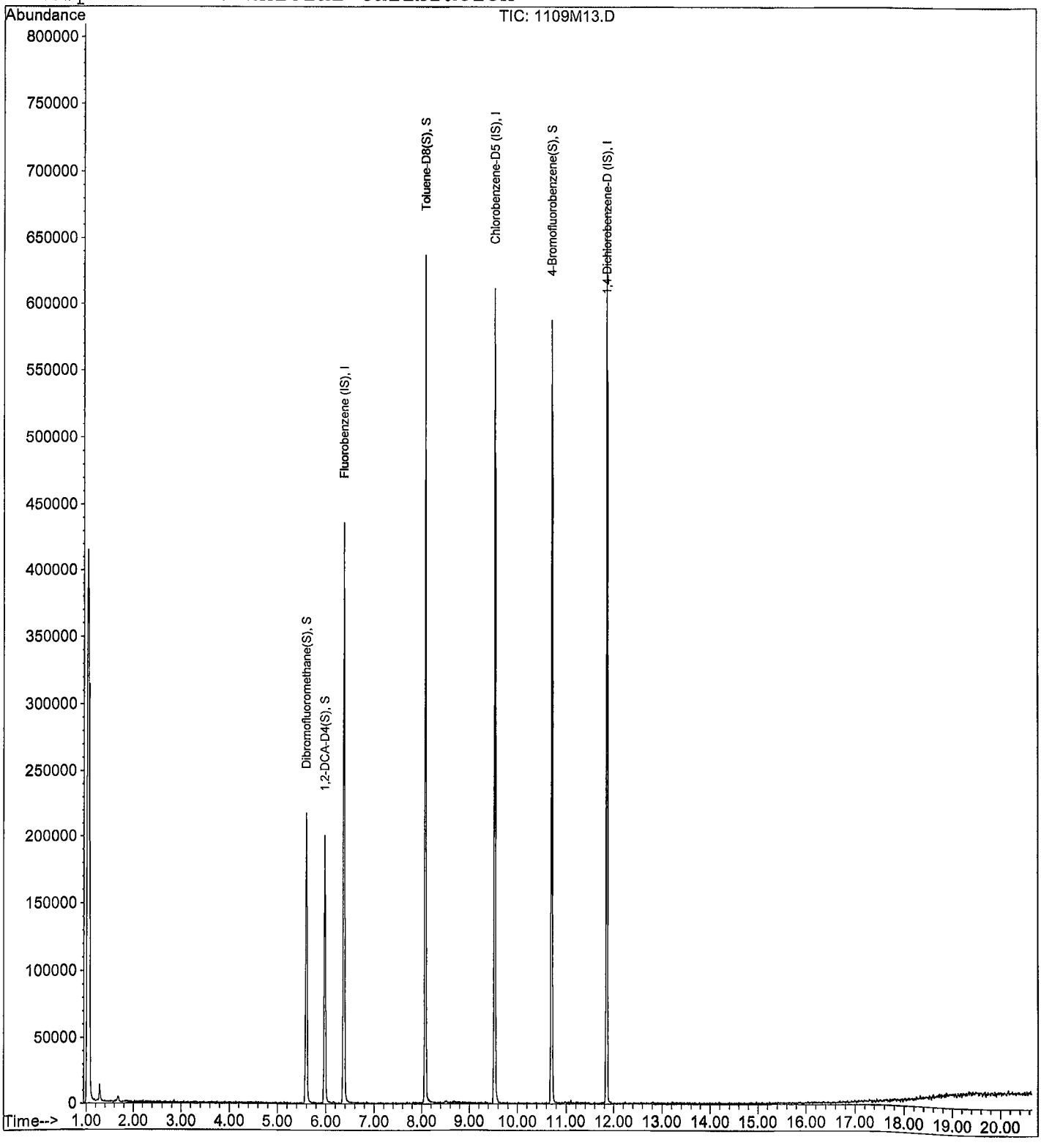
Data File : M:\MAX\DATA\211108\1109M13.D
Acq On : 9 Nov 21 13:44
Sample : BA45105W01
Misc : IS&S 8/4/21

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

Quant Time: Nov 10 4:52 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\211108\1109M03.D Vial: 3
Acq On : 9 Nov 21 9:00 Operator: LP,DG,CH
Sample : 211109A LCS 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 10 9:21 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)	6.38	96	411507	25.00	ppb		0.04
65) Chlorobenzene-D5 (IS)	9.53	117	369189	25.00	ppb		0.03
80) 1,4-Dichlorobenzene-D (IS)	11.85	152	234982	25.00	ppb		0.03
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.60	111	129825	25.40	ppb		0.04
Spiked Amount 25.000			Recovery =	101.608%			
46) 1,2-DCA-D4(S)	5.98	65	85272	23.92	ppb		0.03
Spiked Amount 25.000			Recovery =	95.688%			
66) Toluene-D8(S)	8.08	98	437144	25.76	ppb		0.03
Spiked Amount 25.000			Recovery =	103.048%			
74) 4-Bromofluorobenzene(S)	10.70	95	172589	25.18	ppb		0.03
Spiked Amount 25.000			Recovery =	100.732%			
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.20	85	25160	10.21	ppb		96
4) Freon 114	1.30	85	16834	12.20	ppb		87
5) Chloromethane	1.34	50	14972	10.18	ppb		94
6) Vinyl chloride	1.43	62	16973	9.36	ppb		92
8) Bromomethane	1.69	94	16239	10.60	ppb		89
9) Chloroethane	1.79	64	11803	10.05	ppb		98
10) Dichlorofluoromethane	1.99	67	39431	9.92	ppb		96
11) Trichlorofluoromethane	2.02	101	47392	9.97	ppb		97
13) Acrolein	2.46	56	27875	120.87	ppb		88
14) Acetone	2.63	43	24112	44.94	ppb		96
15) Freon-113	2.55	151	19702	10.18	ppb	#	84
16) Acetonitrile	2.96	41	15520	121.72	ppb	#	91
18) 1,2-Dichlorotrifluoroethan	1.99	67	39431	9.92	ppb		100
19) 1,1-DCE	2.54	61	26381	9.16	ppb		97
20) t-Butanol	3.37	59	22570	136.37	ppb	#	85
21) Methyl Acetate	3.03	43	9681	10.73	ppb		99
22) Iodomethane	2.69	142	21331	10.56	ppb		98
23) Acrylonitrile	3.48	53	5434	10.71	ppb	#	82
25) Methylene chloride	3.12	84	19175	10.31	ppb		97
26) Carbon disulfide	2.74	76	24208	10.33	ppb	#	92
27) Methyl t-butyl ether (MtBE	3.50	73	61073	9.84	ppb		95
28) Trans-1,2-DCE	3.46	96	19131	9.52	ppb		91
29) 3-Methylpentane	3.50	57	9973	9.47	ppb		90
31) Diisopropyl Ether	4.28	45	39805	10.29	ppb		93
32) 1,1-DCA	4.10	63	30514	10.13	ppb	#	95
34) Ethyl tert Butyl Ether	4.81	59	51200	10.30	ppb		92
35) Methylcyclopentane	4.81	56	2175	10.19	ppb		100

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211108\1109M03.D Vial: 3
Acq On : 9 Nov 21 9:00 Operator: LP,DG,CH
Sample : 211109A LCS 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 10 9:21 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	27865	49.67	ppb		99
37)	Cis-1,2-DCE	4.95	96	22173	9.96	ppb		91
38)	2,2-Dichloropropane	4.93	77	40405	10.45	ppb		98
39)	Chloroform	5.39	83	42097	10.76	ppb		90
40)	Bromochloromethane	5.26	130	16027	9.17	ppb	#	83
42)	1,1,1-TCA	5.58	97	50645	11.02	ppb		99
43)	Cyclohexane	5.62	41	12172	9.26	ppb		88
44)	1,1-Dichloropropene	5.79	75	26131	10.48	ppb		92
45)	2,2,4-Trimethylpentane	6.15	57	36332	11.24	ppb		93
47)	Carbon Tetrachloride	5.77	117	44402	10.28	ppb		91
48)	Tert Amyl Methyl Ether	6.22	73	51052	10.41	ppb	#	94
49)	1,2-DCA	6.07	62	41214	10.65	ppb		95
50)	Benzene	6.03	78	71558	9.92	ppb		96
51)	TCE	6.78	95	21666	9.38	ppb	#	80
52)	2-Pentanone	7.04	43	115257	122.92	ppb		98
53)	1,2-Dichloropropane	7.03	63	7420	9.24	ppb		100
54)	Bromodichloromethane	7.35	83	34457	10.64	ppb		93
55)	Methyl Cyclohexane	6.98	83	26174	10.53	ppb		98
56)	Dibromomethane	7.15	93	12555	8.91	ppb		96
57)	MIBK (methyl isobutyl ket	8.01	43	59603	49.70	ppb		96
58)	1-Bromo-2-chloroethane	7.66	144	5085	11.21	ppb		94
60)	Cis-1,3-Dichloropropene	7.82	75	30755	10.60	ppb		96
61)	Toluene	8.15	91	87132	10.44	ppb		100
62)	Trans-1,3-Dichloropropene	8.40	75	32899	11.43	ppb		93
63)	1,1,2-TCA	8.58	83	11948	9.24	ppb		92
64)	2-Hexanone	8.86	43	38076	46.95	ppb		97
67)	1,2-EDB	9.06	107	19157	9.83	ppb		96
68)	Tetrachloroethene	8.69	164	18064	9.29	ppb		93
69)	1-Chlorohexane	9.56	91	15090	10.30	ppb		86
70)	1,1,1,2-Tetrachloroethane	9.65	131	31205	11.36	ppb		93
71)	m&p-Xylene	9.80	106	84945	20.35	ppb		99
72)	o-Xylene	10.19	106	43233	9.88	ppb		91
73)	Styrene	10.20	104	69791	10.59	ppb	#	96
75)	1,3-Dichloropropane	8.74	76	27549	9.62	ppb	#	76
76)	Dibromochloromethane	8.96	129	30849	10.76	ppb		97
77)	Chlorobenzene	9.56	112	70752	11.06	ppb		91
78)	Ethylbenzene	9.68	91	104969	10.36	ppb		98
79)	Bromoform	10.38	173	22904	9.63	ppb		100
81)	Isopropylbenzene	10.56	105	114193	10.42	ppb		99
82)	1,1,2,2-Tetrachloroethane	10.87	83	17907	9.52	ppb		93
83)	1,2,3-Trichloropropane	10.90	110	9234	9.82	ppb		98
84)	t-1,4-Dichloro-2-Butene	10.93	53	4323	9.06	ppb		98

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211108\1109M03.D Vial: 3
Acq On : 9 Nov 21 9:00 Operator: LP,DG,CH
Sample : 211109A LCS 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 10 9:21 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

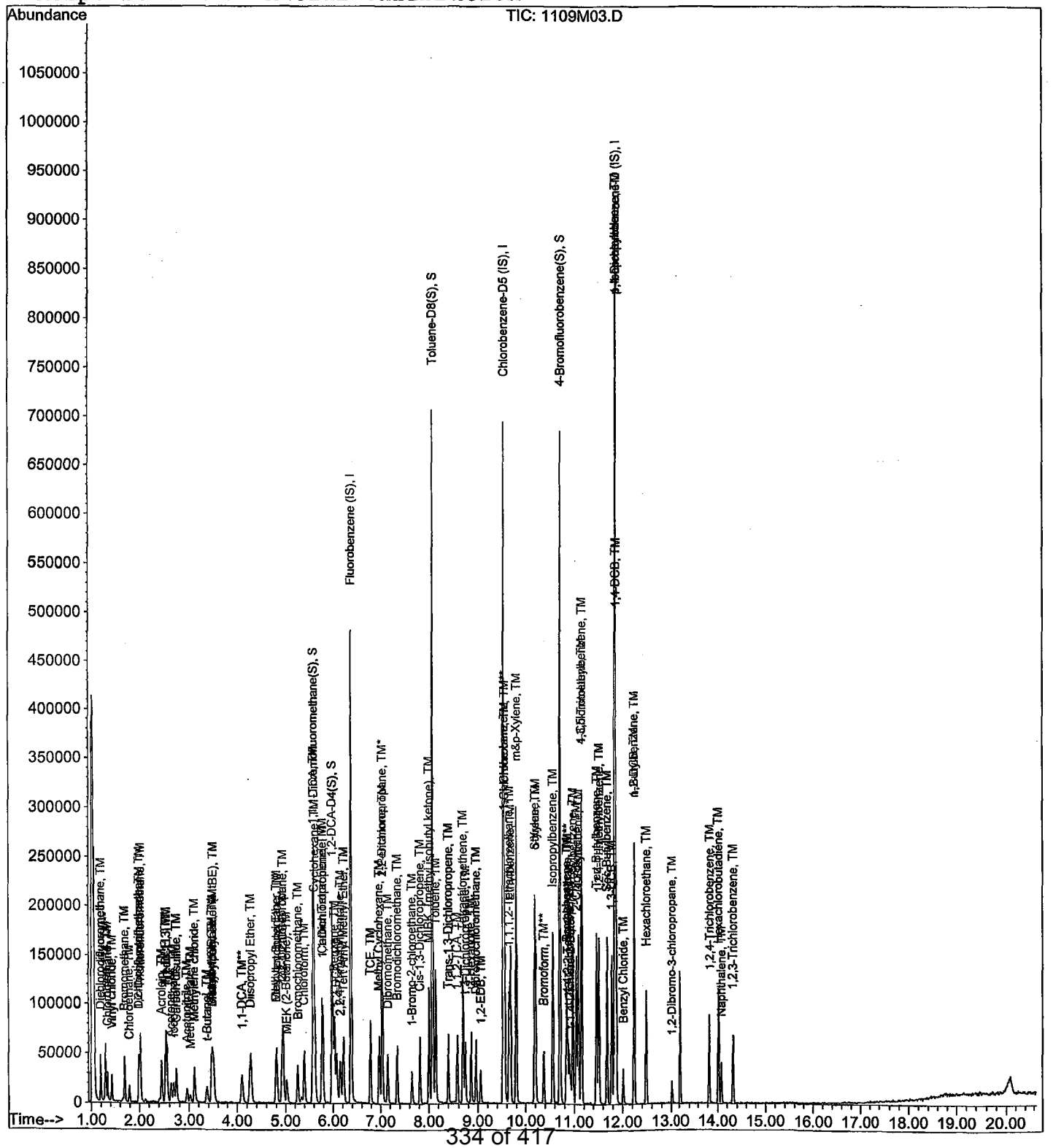
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
85)	Bromobenzene	10.84	156	37630	10.49	ppb	89
86)	n-Propylbenzene	10.97	91	112779	10.42	ppb	100
87)	4-Ethyltoluene	11.08	105	105536	10.56	ppb	99
88)	2-Chlorotoluene	11.04	91	85491	9.96	ppb	88
89)	1,3,5-Trimethylbenzene	11.15	105	99907	10.69	ppb	98
90)	4-Chlorotoluene	11.15	91	86377	10.13	ppb	97
91)	Tert-Butylbenzene	11.47	119	55968	10.84	ppb	96
92)	1,2,4-Trimethylbenzene	11.52	105	95899	10.83	ppb	96
93)	Sec-Butylbenzene	11.68	105	109859	11.12	ppb	99
94)	p-Isopropyltoluene	11.83	119	98635	10.33	ppb	98
95)	Benzyl Chloride	12.02	91	24603	10.88	ppb	95
96)	1,3-DCB	11.78	146	65653	10.51	ppb	99
97)	1,4-DCB	11.87	146	64986	10.22	ppb	94
98)	n-Butylbenzene	12.24	91	56060	8.86	ppb	96
99)	1,2-DCB	12.24	146	62557	10.23	ppb	99
100)	Hexachloroethane	12.49	117	15987	9.99	ppb	96
101)	1,2-Dibromo-3-chloropropan	13.02	75	5165	9.70	ppb	85
102)	1,2,4-Trichlorobenzene	13.84	180	19552	8.34	ppb	95
103)	Hexachlorobutadiene	14.02	225	25098	9.63	ppb	97
104)	Naphthalene	14.08	128	33683	7.83	ppb	95
105)	1,2,3-Trichlorobenzene	14.32	180	23374	7.97	ppb	79

Quantitation Report

Data File : M:\MAX\DATA\211108\1109M03.D Vial: 3
Acq On : 9 Nov 21 9:00 Operator: LP,DG,CH
Sample : 211109A LCS 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 10 9:21 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\211108\1109M04.D Vial: 4
Acq On : 9 Nov 21 9:28 Operator: LP,DG,CH
Sample : 211109A LCSD 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 10 9:21 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)	6.38	96	401220	25.00 ppb		0.04
65) Chlorobenzene-D5 (IS)	9.53	117	350067	25.00 ppb		0.03
80) 1,4-Dichlorobenzene-D (IS)	11.85	152	232601	25.00 ppb		0.03
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.60	111	130125	26.11 ppb		0.04
Spiked Amount 25.000			Recovery = 104.456%			
46) 1,2-DCA-D4(S)	5.98	65	87680	25.23 ppb		0.04
Spiked Amount 25.000			Recovery = 100.912%			
66) Toluene-D8(S)	8.08	98	415166	25.80 ppb		0.03
Spiked Amount 25.000			Recovery = 103.212%			
74) 4-Bromofluorobenzene(S)	10.71	95	160709	24.73 ppb		0.03
Spiked Amount 25.000			Recovery = 98.924%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.20	85	22120	9.21 ppb		98
4) Freon 114	1.30	85	14033	10.43 ppb		88
5) Chloromethane	1.34	50	14204	9.91 ppb		91
6) Vinyl chloride	1.43	62	14721	8.33 ppb		97
8) Bromomethane	1.69	94	14586	9.77 ppb		98
9) Chloroethane	1.79	64	8689	7.86 ppb		95
10) Dichlorofluoromethane	1.99	67	33571	8.66 ppb		94
11) Trichlorofluoromethane	2.02	101	41379	8.92 ppb		92
13) Acrolein	2.46	56	26328	117.19 ppb		97
14) Acetone	2.63	43	22203	42.44 ppb		90
15) Freon-113	2.55	151	18011	9.55 ppb		95
16) Acetonitrile	2.96	41	15202	122.29 ppb		91
18) 1,2-Dichlorotrifluoroethan	1.99	67	33571	8.66 ppb		100
19) 1,1-DCE	2.53	61	24376	8.68 ppb		98
20) t-Butanol	3.37	59	18200	110.64 ppb		97
21) Methyl Acetate	3.02	43	7325	8.33 ppb		88
22) Iodomethane	2.69	142	18514	9.54 ppb		96
23) Acrylonitrile	3.47	53	4181	8.43 ppb		97
25) Methylene chloride	3.12	84	16252	8.96 ppb		91
26) Carbon disulfide	2.74	76	22120	9.68 ppb		97
27) Methyl t-butyl ether (MtBE	3.50	73	56238	9.30 ppb		94
28) Trans-1,2-DCE	3.47	96	16849	8.60 ppb		95
29) 3-Methylpentane	3.50	57	8653	8.36 ppb	#	91
31) Diisopropyl Ether	4.28	45	33402	8.85 ppb		95
32) 1,1-DCA	4.10	63	27659	9.41 ppb		96
34) Ethyl tert Butyl Ether	4.81	59	45660	9.42 ppb		100
35) Methylcyclopentane	4.81	56	2450	11.99 ppb		100

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211108\1109M04.D Vial: 4
Acq On : 9 Nov 21 9:28 Operator: LP,DG,CH
Sample : 211109A LCSD 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 10 9:21 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	24740	45.23	ppb	#	99
37)	Cis-1,2-DCE	4.95	96	21194	9.77	ppb		89
38)	2,2-Dichloropropane	4.93	77	39023	10.35	ppb		99
39)	Chloroform	5.40	83	39056	10.24	ppb		93
40)	Bromochloromethane	5.26	130	16118	9.47	ppb		91
42)	1,1,1-TCA	5.57	97	43313	9.67	ppb		94
43)	Cyclohexane	5.62	41	12209	9.53	ppb		83
44)	1,1-Dichloropropene	5.79	75	22081	9.09	ppb		91
45)	2,2,4-Trimethylpentane	6.15	57	29358	9.32	ppb	#	83
47)	Carbon Tetrachloride	5.77	117	38751	9.20	ppb		94
48)	Tert Amyl Methyl Ether	6.22	73	46234	9.67	ppb		98
49)	1,2-DCA	6.07	62	36101	9.57	ppb		96
50)	Benzene	6.03	78	61175	8.69	ppb		94
51)	TCE	6.78	95	19453	8.64	ppb		84
52)	2-Pentanone	7.04	43	106909	116.94	ppb		100
53)	1,2-Dichloropropane	7.02	63	6629	8.44	ppb		98
54)	Bromodichloromethane	7.34	83	28937	9.16	ppb		97
55)	Methyl Cyclohexane	6.97	83	21640	8.95	ppb		91
56)	Dibromomethane	7.15	93	11632	8.47	ppb		89
57)	MIBK (methyl isobutyl ket	8.01	43	55739	47.67	ppb		97
58)	1-Bromo-2-chloroethane	7.65	144	4368	9.88	ppb		97
60)	Cis-1,3-Dichloropropene	7.82	75	26977	9.53	ppb		93
61)	Toluene	8.15	91	77460	9.52	ppb		98
62)	Trans-1,3-Dichloropropene	8.40	75	27901	9.94	ppb		96
63)	1,1,2-TCA	8.58	83	10560	8.37	ppb		89
64)	2-Hexanone	8.86	43	36158	45.73	ppb		96
67)	1,2-EDB	9.06	107	17267	9.35	ppb		95
68)	Tetrachloroethene	8.69	164	16800	9.08	ppb		88
69)	1-Chlorohexane	9.56	91	11997	8.63	ppb		96
70)	1,1,1,2-Tetrachloroethane	9.65	131	27484	10.55	ppb		90
71)	m&p-Xylene	9.80	106	74518	18.83	ppb		100
72)	o-Xylene	10.19	106	37301	8.99	ppb		89
73)	Styrene	10.20	104	60207	9.64	ppb		95
75)	1,3-Dichloropropane	8.74	76	25833	9.51	ppb		99
76)	Dibromochloromethane	8.96	129	26981	9.93	ppb		96
77)	Chlorobenzene	9.56	112	56848	9.37	ppb		91
78)	Ethylbenzene	9.68	91	91277	9.50	ppb		97
79)	Bromoform	10.37	173	21033	9.32	ppb		82
81)	Isopropylbenzene	10.56	105	101370	9.35	ppb		98
82)	1,1,2,2-Tetrachloroethane	10.87	83	15066	8.09	ppb	#	95
83)	1,2,3-Trichloropropane	10.90	110	8629	9.27	ppb		95
84)	t-1,4-Dichloro-2-Butene	10.93	53	4002	8.49	ppb		78

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211108\1109M04.D Vial: 4
Acq On : 9 Nov 21 9:28 Operator: LP,DG,CH
Sample : 211109A LCSD 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 10 9:21 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	32388	9.12	ppb		88
86)	n-Propylbenzene	10.97	91	97702	9.12	ppb		96
87)	4-Ethyltoluene	11.08	105	94075	9.51	ppb		99
88)	2-Chlorotoluene	11.04	91	78867	9.28	ppb		87
89)	1,3,5-Trimethylbenzene	11.15	105	86425	9.34	ppb		96
90)	4-Chlorotoluene	11.15	91	75034	8.89	ppb		99
91)	Tert-Butylbenzene	11.47	119	47712	9.34	ppb		96
92)	1,2,4-Trimethylbenzene	11.52	105	82030	9.35	ppb		96
93)	Sec-Butylbenzene	11.68	105	98344	10.06	ppb		99
94)	p-Isopropyltoluene	11.84	119	89515	9.47	ppb		98
95)	Benzyl Chloride	12.02	91	19494	8.71	ppb		91
96)	1,3-DCB	11.78	146	57888	9.36	ppb		100
97)	1,4-DCB	11.87	146	57851	9.19	ppb		94
98)	n-Butylbenzene	12.24	91	48888	7.96	ppb		94
99)	1,2-DCB	12.24	146	55275	9.13	ppb		95
100)	Hexachloroethane	12.48	117	15858	10.01	ppb		90
101)	1,2-Dibromo-3-chloropropan	13.02	75	3980	7.77	ppb	#	86
102)	1,2,4-Trichlorobenzene	13.84	180	16960	7.58	ppb		88
103)	Hexachlorobutadiene	14.01	225	21631	8.52	ppb		94
104)	Naphthalene	14.08	128	29492	7.06	ppb		96
105)	1,2,3-Trichlorobenzene	14.32	180	21352	7.56	ppb		91

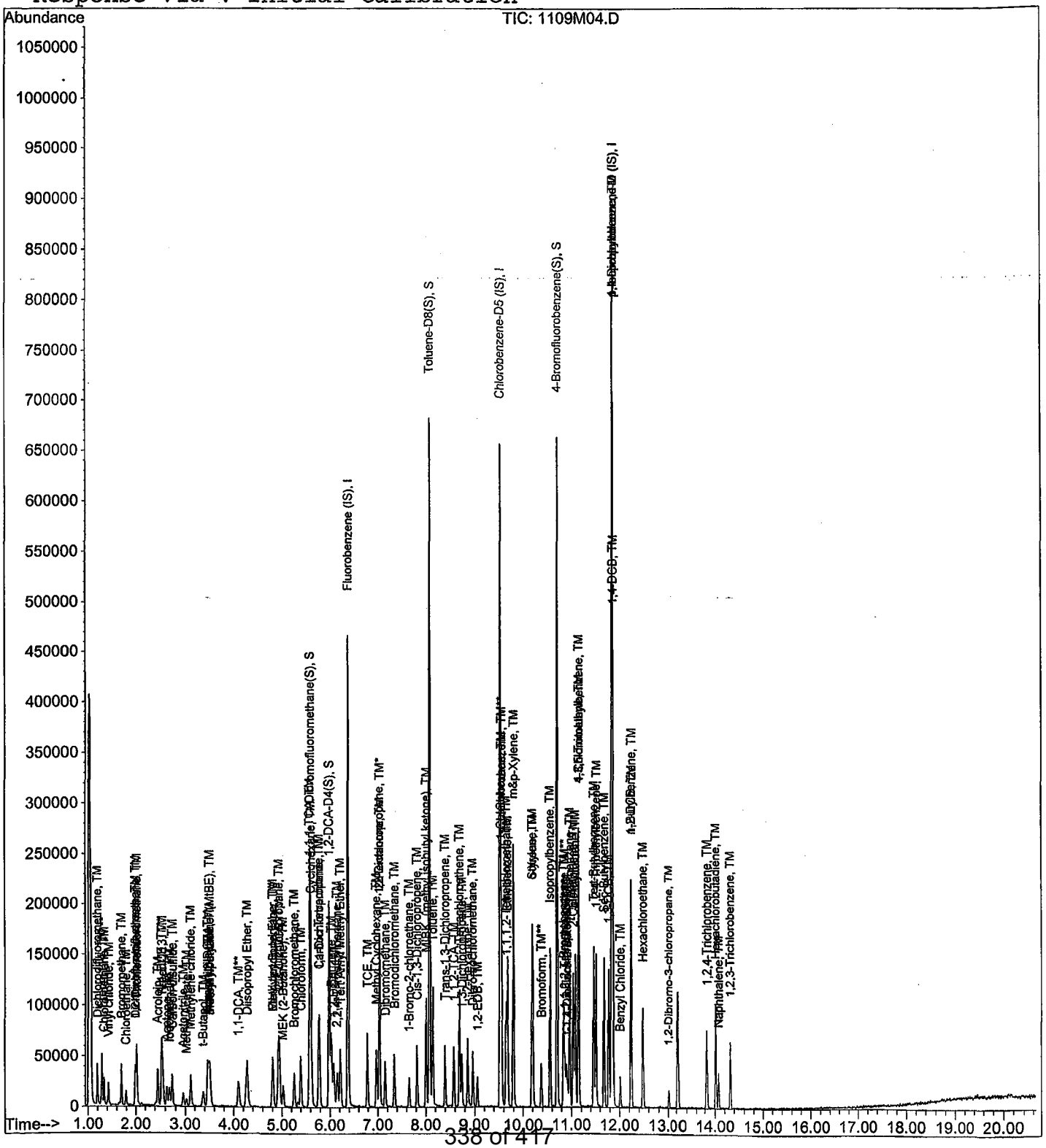
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211108\1109M04.D Vial: 4
Acq On : 9 Nov 21 9:28 Operator: LP,DG,CH
Sample : 211109A LCSD 10ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 10 9:21 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\211108\1109M08.D Vial: 8
Acq On : 9 Nov 21 11:22 Operator: LP,DG,CH
Sample : 211109A BLK Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 10 4:29 2021 Quant Results File: M1015W.RES

Quant Method : M:\MAX\DATA\211015\M1015W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Sat Oct 16 14:01:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.38	96	396510	25.00	ppb	0.04
65) Chlorobenzene-D5 (IS)	9.53	117	344545	25.00	ppb	0.03
80) 1,4-Dichlorobenzene-D (IS)	11.85	152	212548	25.00	ppb	0.03
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.60	111	128047	26.00	ppb	0.04
Spiked Amount 25.000			Recovery =	104.008%		
46) 1,2-DCA-D4(S)	5.98	65	89912	26.18	ppb	0.04
Spiked Amount 25.000			Recovery =	104.712%		
66) Toluene-D8(S)	8.08	98	410999	25.95	ppb	0.03
Spiked Amount 25.000			Recovery =	103.812%		
74) 4-Bromofluorobenzene(S)	10.70	95	157629	24.65	ppb	0.03
Spiked Amount 25.000			Recovery =	98.580%		

Target Compounds Qvalue

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

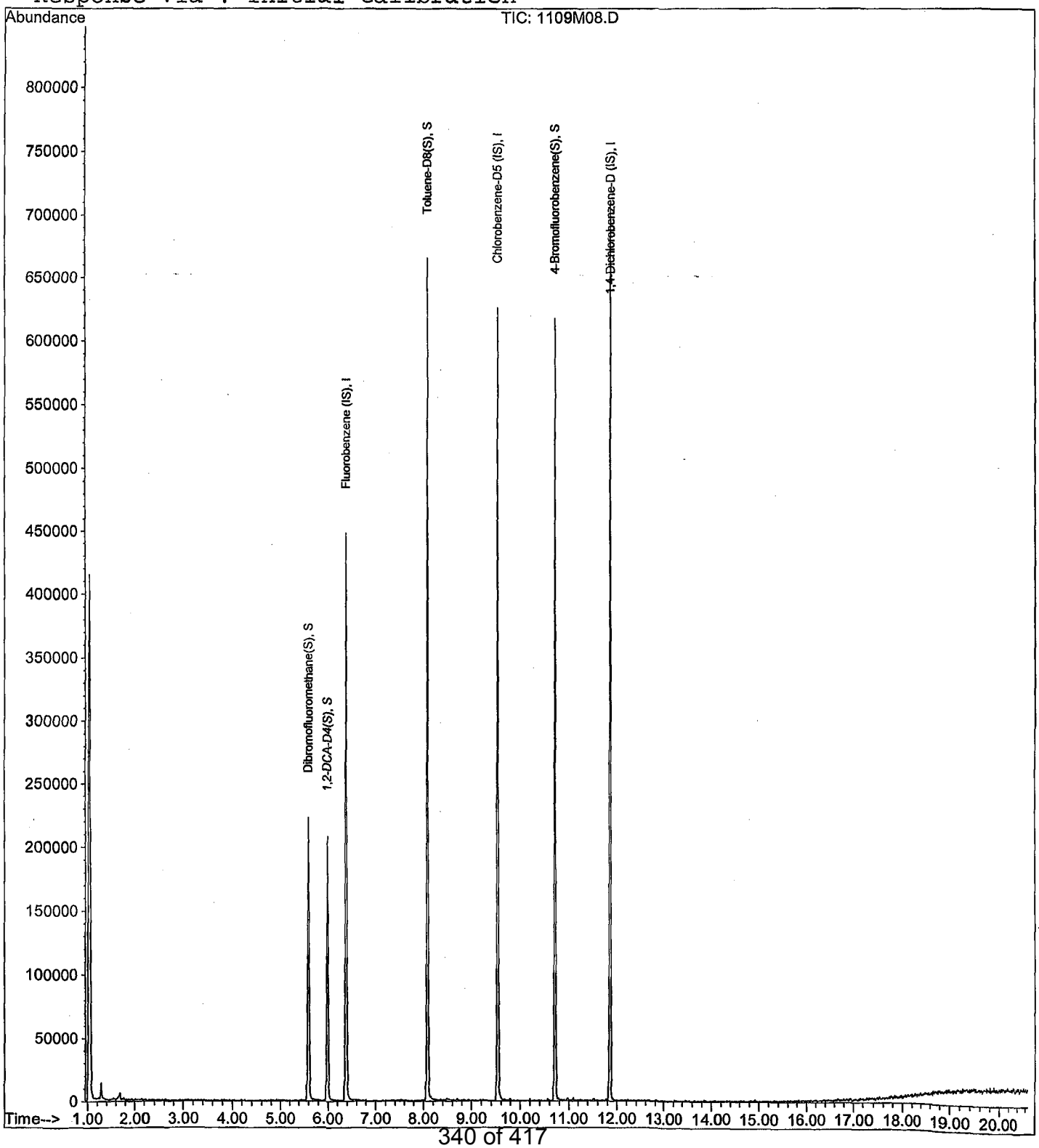
Quantitation Report

Data File : M:\MAX\DATA\211108\1109M08.D
Acq On : 9 Nov 21 11:22
Sample : 211109A BLK
Misc : IS&S 8/4/21

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

Quant Time: Nov 10 4:29 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

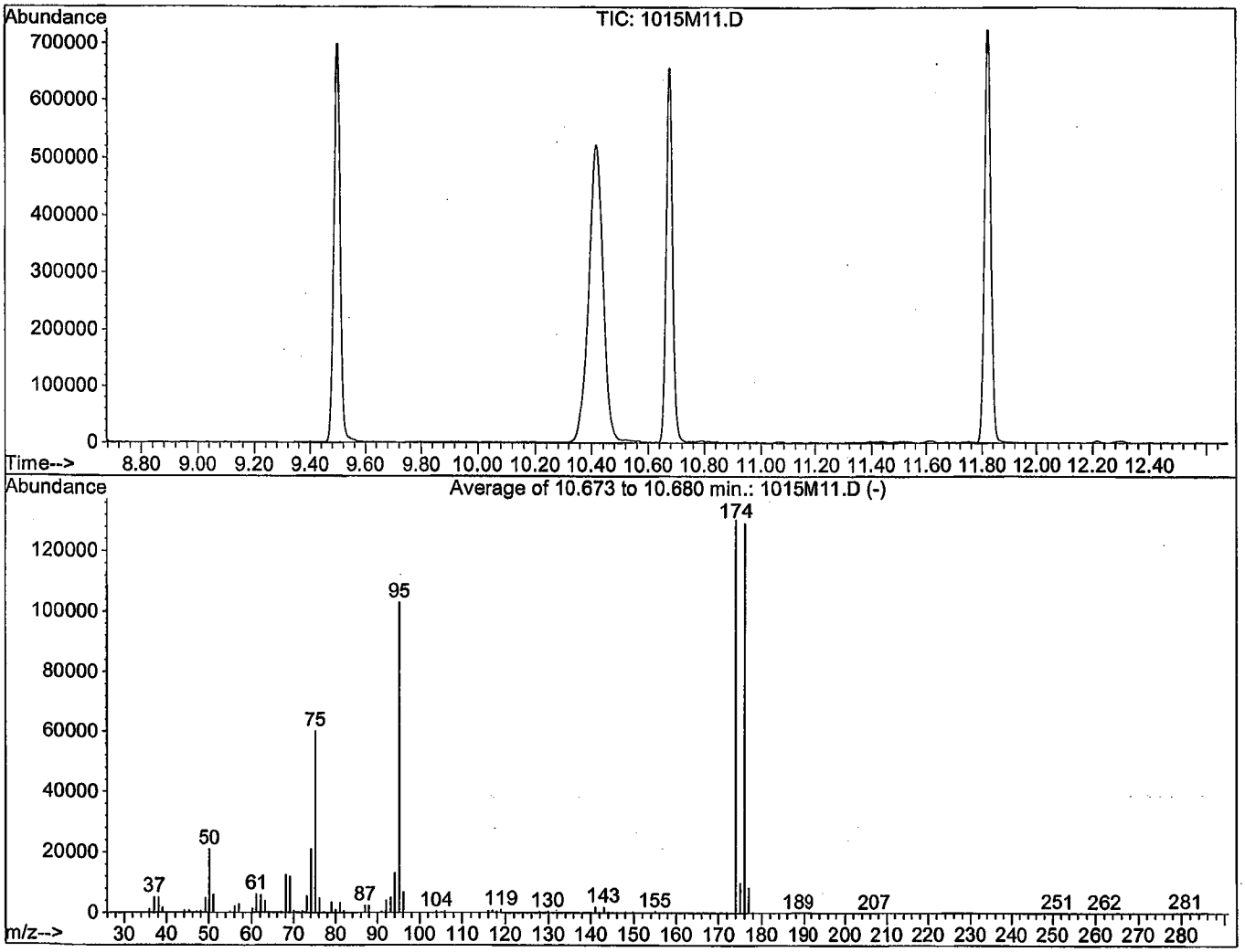


BFB

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

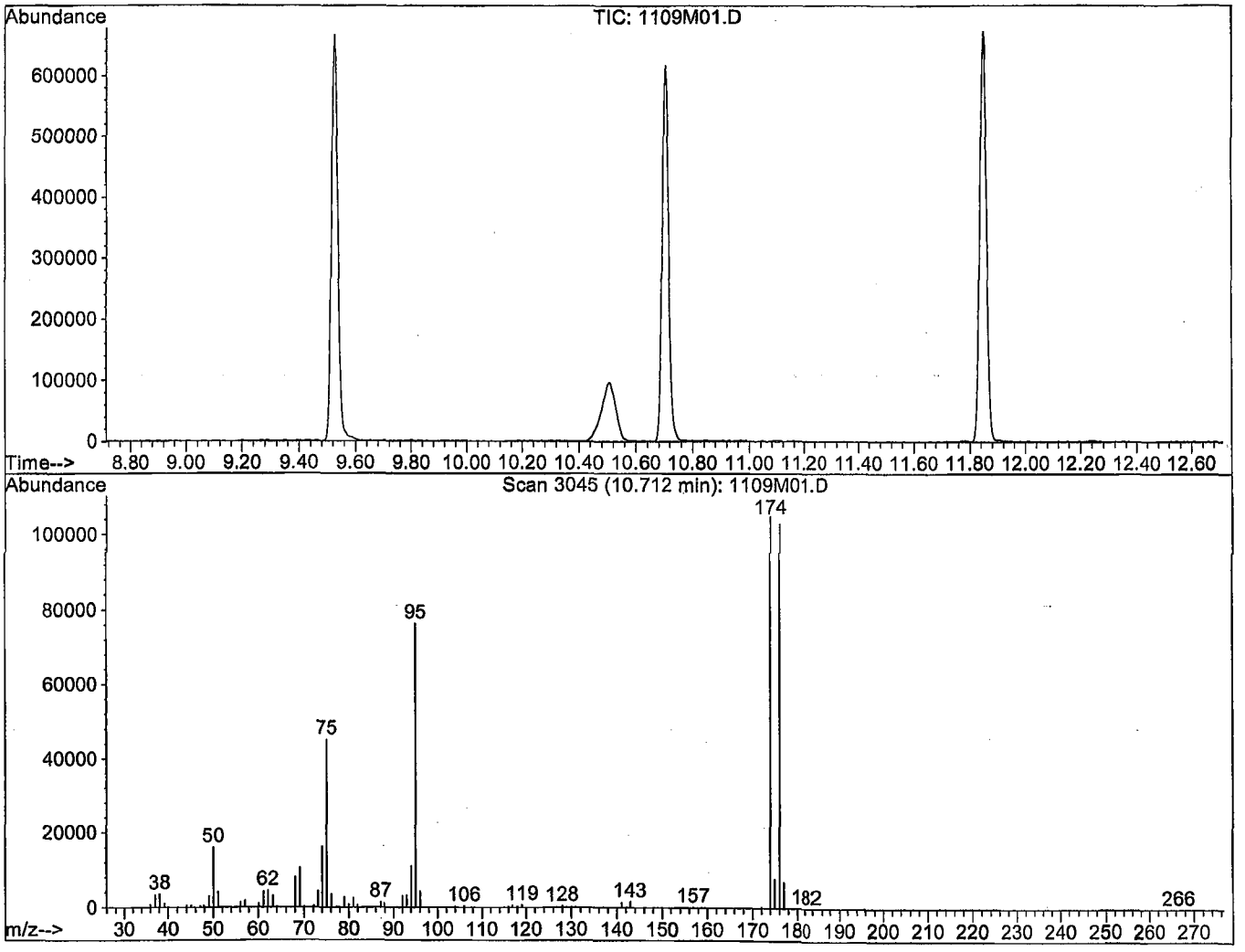
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.4	21096	PASS
75	95	30	60	58.4	60299	PASS
95	95	100	200	100.0	103195	PASS
96	95	5	9	6.7	6920	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	200	126.6	130632	PASS
175	174	5	9	7.7	10037	PASS
176	174	95	101	99.1	129467	PASS
177	176	5	9	6.5	8355	PASS

BFB

Data File : M:\MAX\DATA\211108\1109M01.D
Acq On : 9 Nov 21 8:03
Sample : 25ug/L BFB STD 10/29/21
Misc : IS&S 8/4/21

Vial: 1
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Method : M:\MAX\DATA\210922\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B



Spectrum Information: Scan 3045

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.0	16054	PASS
75	95	30	60	59.2	45224	PASS
95	95	100	100	100.0	76376	PASS
96	95	5	9	5.8	4460	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	200	137.6	105064	PASS
175	174	5	9	7.5	7923	PASS
176	174	95	100	98.0	102984	PASS
177	176	5	9	6.8	7023	PASS

MAX 8260 Standard Prep

MAX 8260 Water Calibration Curve

Prepared By (Initials): CH

0.3ug/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	0.3ug/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

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. 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

Expires: 10/9/2021

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. 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

Primary and Secondary Working Standards

Primary Standards

VOA STD 7

Prepared: 10/7/2021 A
Expires: 12/6/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA Gasses STD	Phenova	ALO-101206	2,000	CL15769-52930	10/7/2022	9/30/2025	100uL	4mL	Methanol	50
Hexachloroethane	Absolute	70199	1,000	021621-52915	10/7/2022	2/16/2026	200uL			50
Benzyl Chloride	Absolute	70037	1,000	082521-52910	10/7/2022	8/25/2022	200uL			50

VOA STD 8

Prepared: 10/7/2021 B
Expires: 10/20/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA Additions STD	Phenova	ALO-130175	2,000	CL14058-52743	10/7/2022	8/31/2022	100uL	4mL	Methanol	50
502.2 Cal. Std.	Phenova	ALO-101200	2,000	CL16071-52950	10/7/2022	11/30/2025	100uL			50
Vinyl Acetate	Phenova	ALO-101228	2,000	CL17402-53013	9/29/2022	10/20/2021	100uL			50

VOA STD TBA

Prepared: 10/7/2021 C
Expires: 10/20/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Custom VOC Mix	Phenova	ALO-130176	2,000	CL15725-52955	10/7/2022	9/30/2023	500uL	4mL	Methanol	250
Acrolein	Phenova	ALO-130549	10,000	CL17404-53015	9/29/2022	10/20/2021	100uL			250

VOA STD 1

Prepared: 10/7/2021 D
Expires: 12/6/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
2-CEVE	Absolute	82408	2,000	052521-52807	9/21/2022	5/25/2024	50	2mL	Methanol	50

VOA STD 2

Prepared: 10/7/2021 E
Expires: 12/6/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Ketones Std.	Phenova	AL0-109211	2,000	CL16067-52967	10/7/2022	11/30/2030	200	4mL	Methanol	100

VOA STD 9

Prepared: 10/7/2021 F
Expires: 12/6/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA STD. 7		VOA STD. 9	50	Prepared 10/07/21	10/7/2022	N/A	200uL	2mL	Methanol	5
VOA STD. 8			50	Prepared 10/07/21	10/7/2022	N/A	200uL			5

VOA STD. 10

Prepared: 10/7/2021 G
Expires: 12/6/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA STD. 1		VOA STD. 10	50	Prepared 10/07/21	10/7/2022	N/A	200uL	2mL	Methanol	5

VOA STD. 12

Prepared: 10/7/2021 H
Expires: 12/6/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA STD. 2		VOA STD. 12	50	Prepared 10/07/21	10/7/2022	N/A	200uL	2mL	Methanol	5

Second Source (SS) Standards

VOA STD. 3

Prepared: 10/7/2021 I
Expires: 12/6/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Ketones Standard	Phenova	ALO-101211	2,000	CL16074-52970	10/7/2022	11/30/2030	100uL	2mL	Methanol	100

VOA STD. Gases

Prepared: 10/7/2021 J
Expires: 12/6/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
8260 Gases (SS)	Phenova	ALO-101206	2,000	CL15768-52935	10/7/2022	9/30/2025	50uL	2mL	Methanol	50

VOA STD. 6

Prepared: 10/7/2021 K
Expires: 10/20/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
502.2 Calibration STD. (54-compounds)	Phenova	ALO-101200	2,000	CL16052-52945	10/7/2022	11/30/2025	50uL	2mL	Methanol	50
Vinyl Acetate	Phenova	ALO-101228	2,000	CL17402-53012	9/29/2022	10/20/2021	50uL			50
Hexachloroethane	Accustand	AS-E0011	1,000	219061767-52922	10/7/2022	6/28/2029	100uL			50
Benzyl Chloride	Accustand	M-8010-01	200	219111303-01-52927	10/7/2022	1/30/2023	500uL			50

VOA STD. TBA

Prepared: 10/7/2021 L
Expires: 10/20/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Custom VOA Mix (4-3)	Phenova	ALO-130176	2,000	CL16012-52959	10/7/2022	11/30/2023	250uL	2mL	Methanol	250
Acrolein	Phenova	ALO-101224	10,000	CL17404-53014	9/29/2022	10/20/2021	50uL			250

VOA STD. 0

Prepared: 10/7/2021 M
Expires: 12/6/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA Addition STD.	Phenova	ALO-130175	2,000	CL17040-52941	10/7/2022	7/31/2024	50uL	2mL	Methanol	50

VOA STD. 2-CEVE

Prepared: 10/7/2021 N
Expires: 12/6/2021
Methanol Lot No. DW117-US-0095

Prepared By (Initials): CH

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
2-CEVE (SS)	Absolute	82408	2,000	011320-52808	9/21/2022	1/13/2023	50uL	2mL	Methanol	50

Injection Log

Directory: M:\MAX\DATA\211015\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	1015M11.D	1	25ug/L BFB STD 9/23/21	IS&S 8/4/21	15 Oct 21 14:44
2	2	1015M12.D	1	0.3ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 15:12
3	3	1015M13.D	1	0.5ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 15:41
4	4	1015M14.D	1	1ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 16:09
5	5	1015M15.D	1	2ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 16:38
6	6	1015M16.D	1	5ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 17:06
7	7	1015M17.D	1	10ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 17:35
8	8	1015M18.D	1	20ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 18:03
9	9	1015M19.D	1	40ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 18:31
10	10	1015M20.D	1	100ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 19:00
11	12	1015M22.D	1	(SS) 10ug/L VOC STD 10/15/21	IS&S 8/4/21	15 Oct 21 19:57

Injection Log

Directory: M:\MAX\DATA\211108\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	1109M01.D	1	25ug/L BFB STD 10/29/21	IS&S 8/4/21	9 Nov 21 8:03
2	2	1109M02.D	1	211109A CCV 10ug/L	IS&S 8/4/21	9 Nov 21 8:32
3	3	1109M03.D	1	211109A LCS 10ug/L	IS&S 8/4/21	9 Nov 21 9:00
4	4	1109M04.D	1	211109A LCSD 10ug/L	IS&S 8/4/21	9 Nov 21 9:28
5	8	1109M08.D	1	211109A BLK	IS&S 8/4/21	9 Nov 21 11:22
6	12	1109M12.D	1	BA45104W01	IS&S 8/4/21	9 Nov 21 13:15
7	13	1109M13.D	1	BA45105W01	IS&S 8/4/21	9 Nov 21 13:44
8	23	1109M52.D	1	Ending CCV 10ug/L 11/9/21	IS&S 8/4/21	10 Nov 21 7:35

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																		
7																		
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Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0825M23.D Vial: 13
Acq On : 25 Aug 21 20:23 Operator: LP,DG,CH
Sample : 20ug/L GAS STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: 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

Quantitation Report

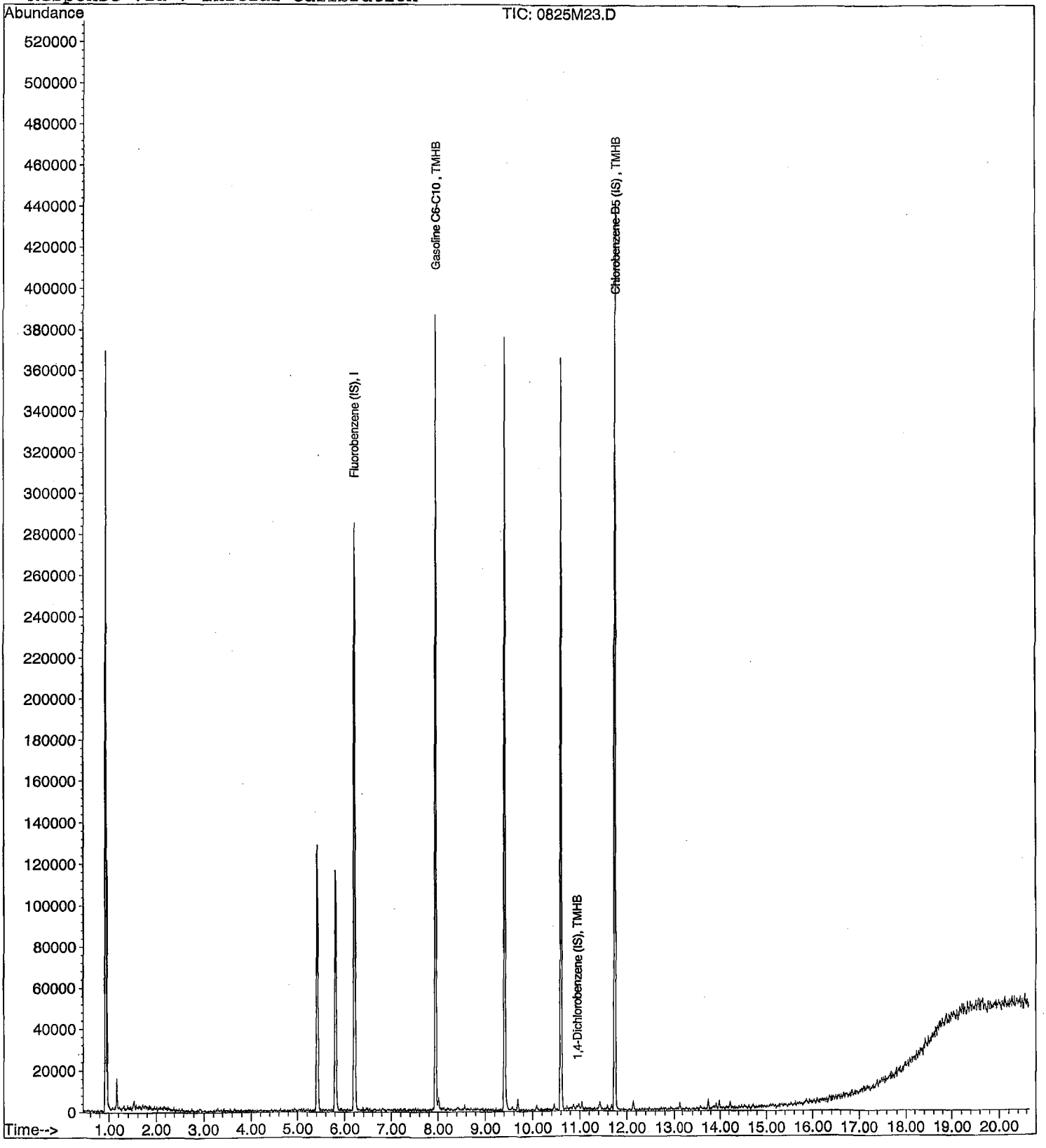
Data File : M:\MAX\DATA\210825\0825M23.D
Acq On : 25 Aug 21 20:23
Sample : 20ug/L GAS STD 8/25/21
Misc : IS&S 6/4/21

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
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

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

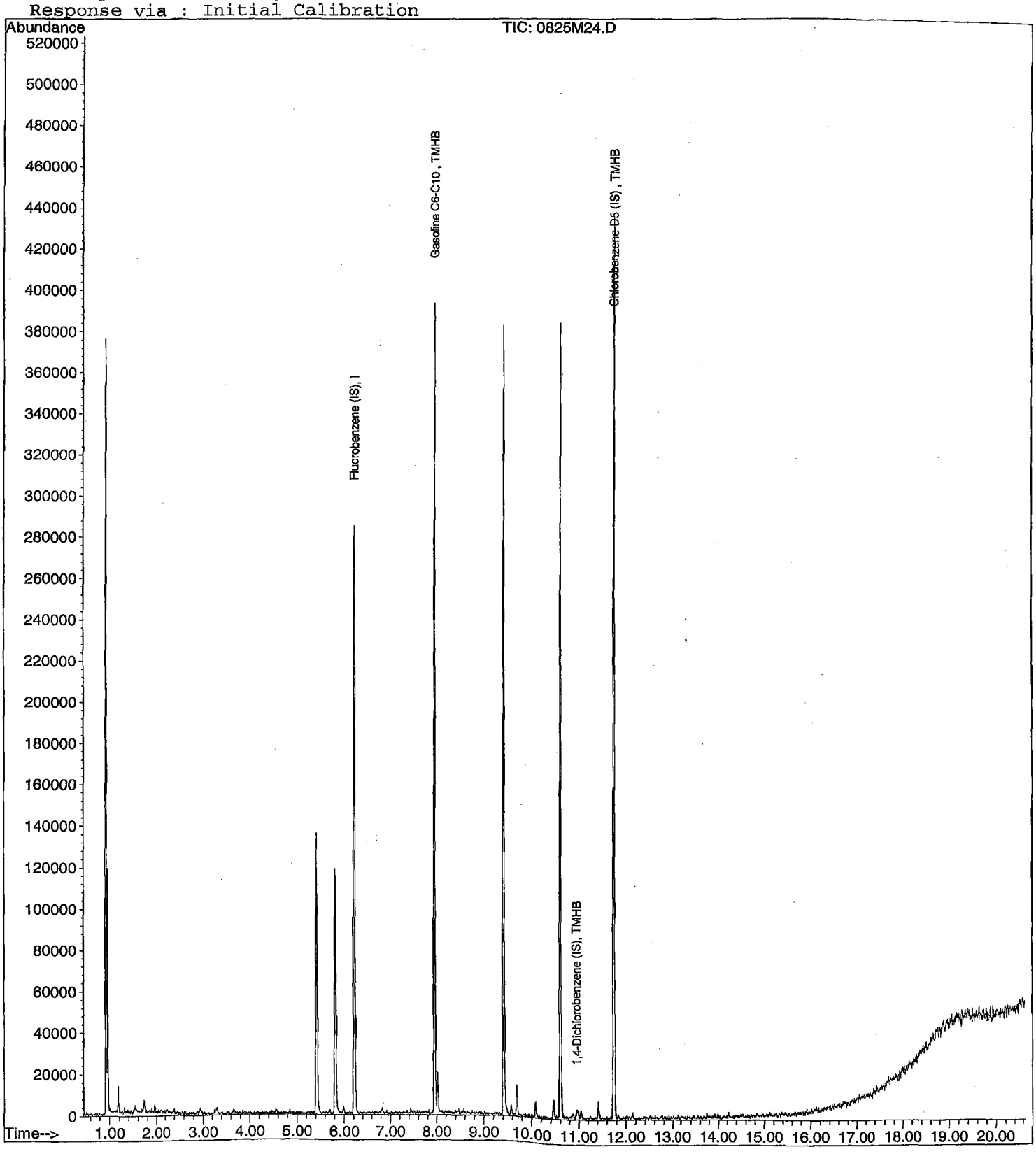
Quantitation Report

Data File : M:\MAX\DATA\210825\0825M24.D
Acq On : 25 Aug 21 20:51
Sample : 50ug/L GAS STD 8/25/21
Misc : IS&S 6/4/21

Vial: 14
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: 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
0825M25.D MGAS0825.M Fri Oct 15 06:35:51 2021

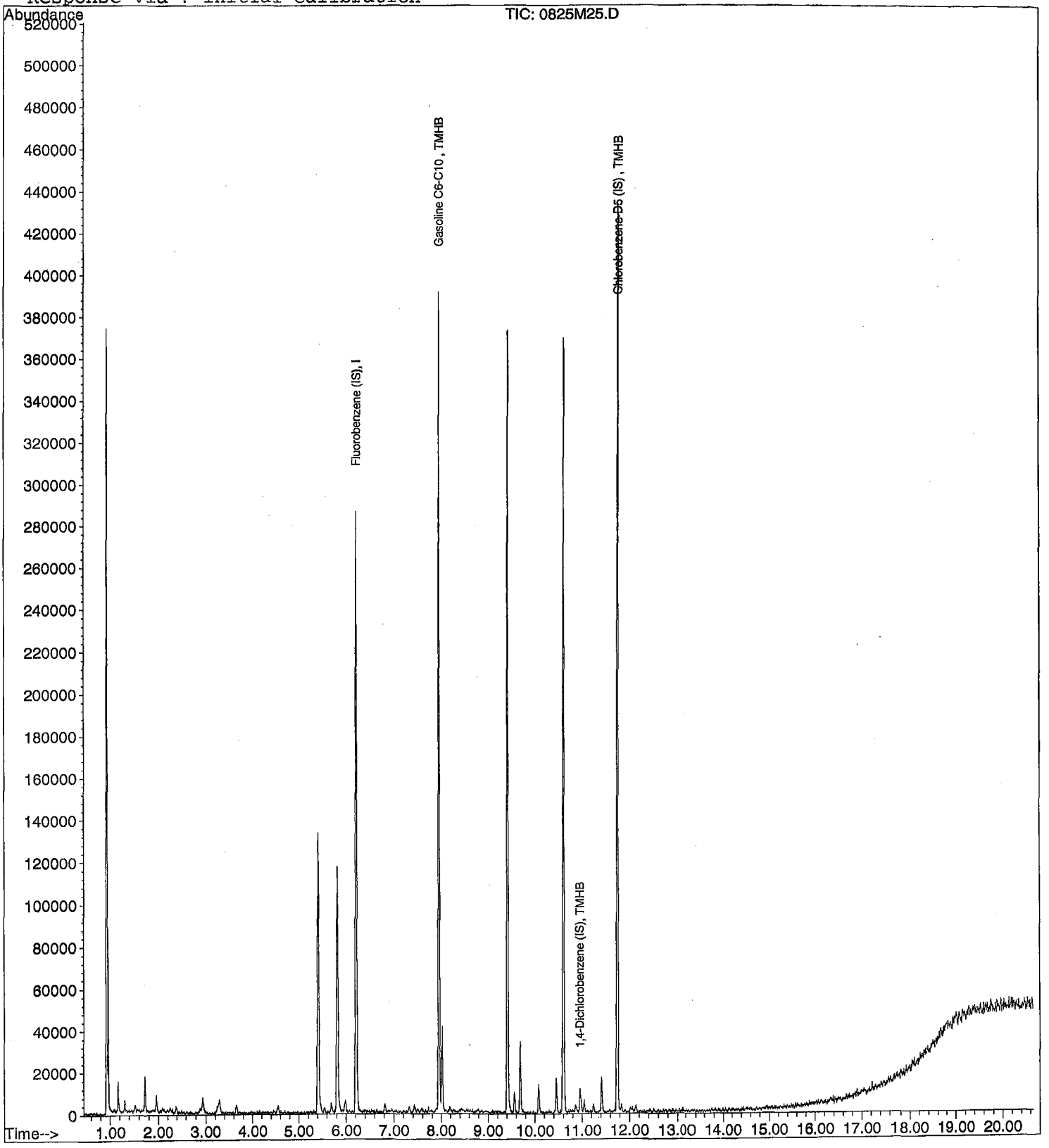
Quantitation Report

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

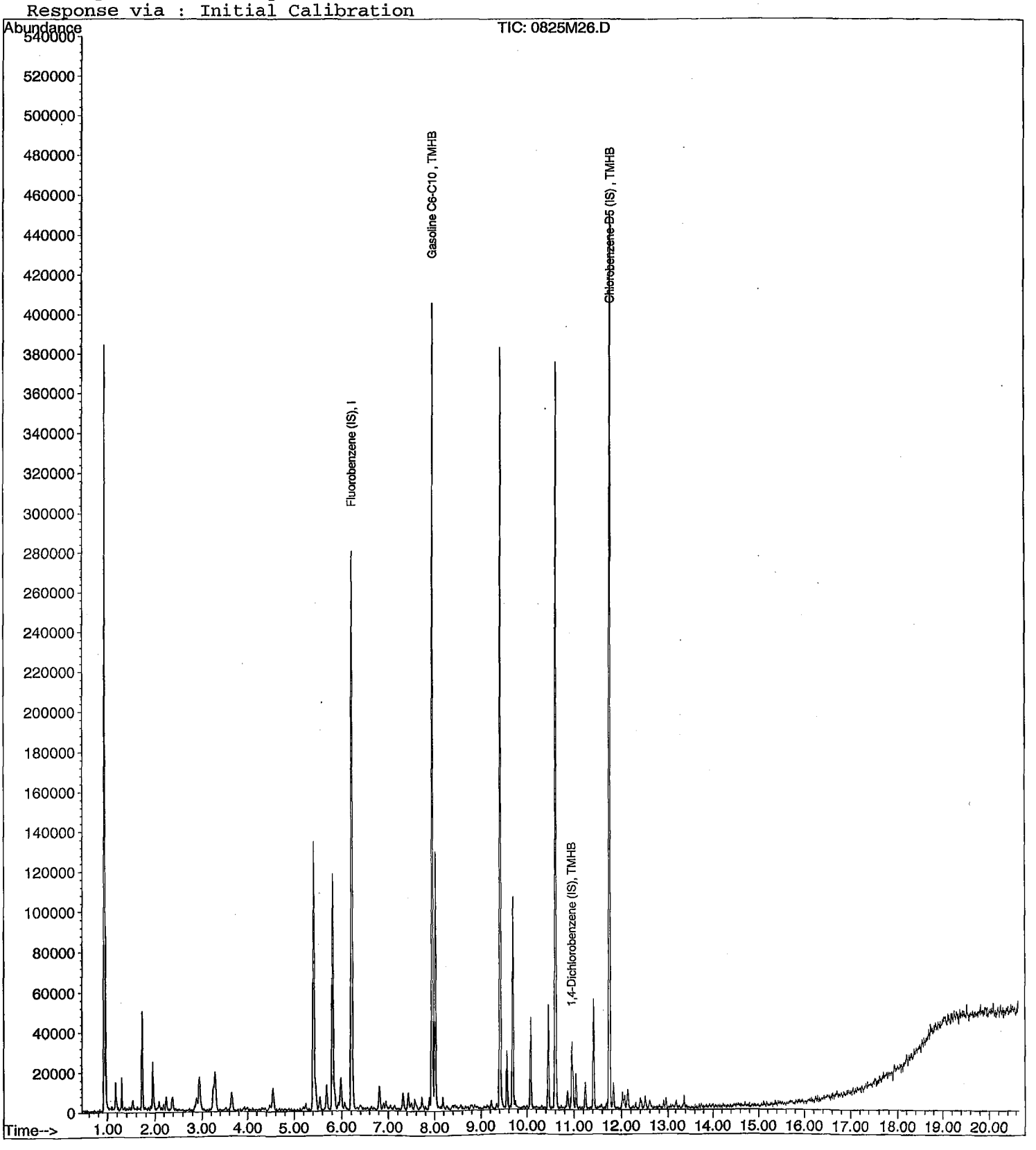
Quantitation Report

Data File : M:\MAX\DATA\210825\0825M26.D
Acq On : 25 Aug 21 21:47
Sample : 300ug/L GAS STD 8/25/21
Misc : IS&S 6/4/21

Vial: 16
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: 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

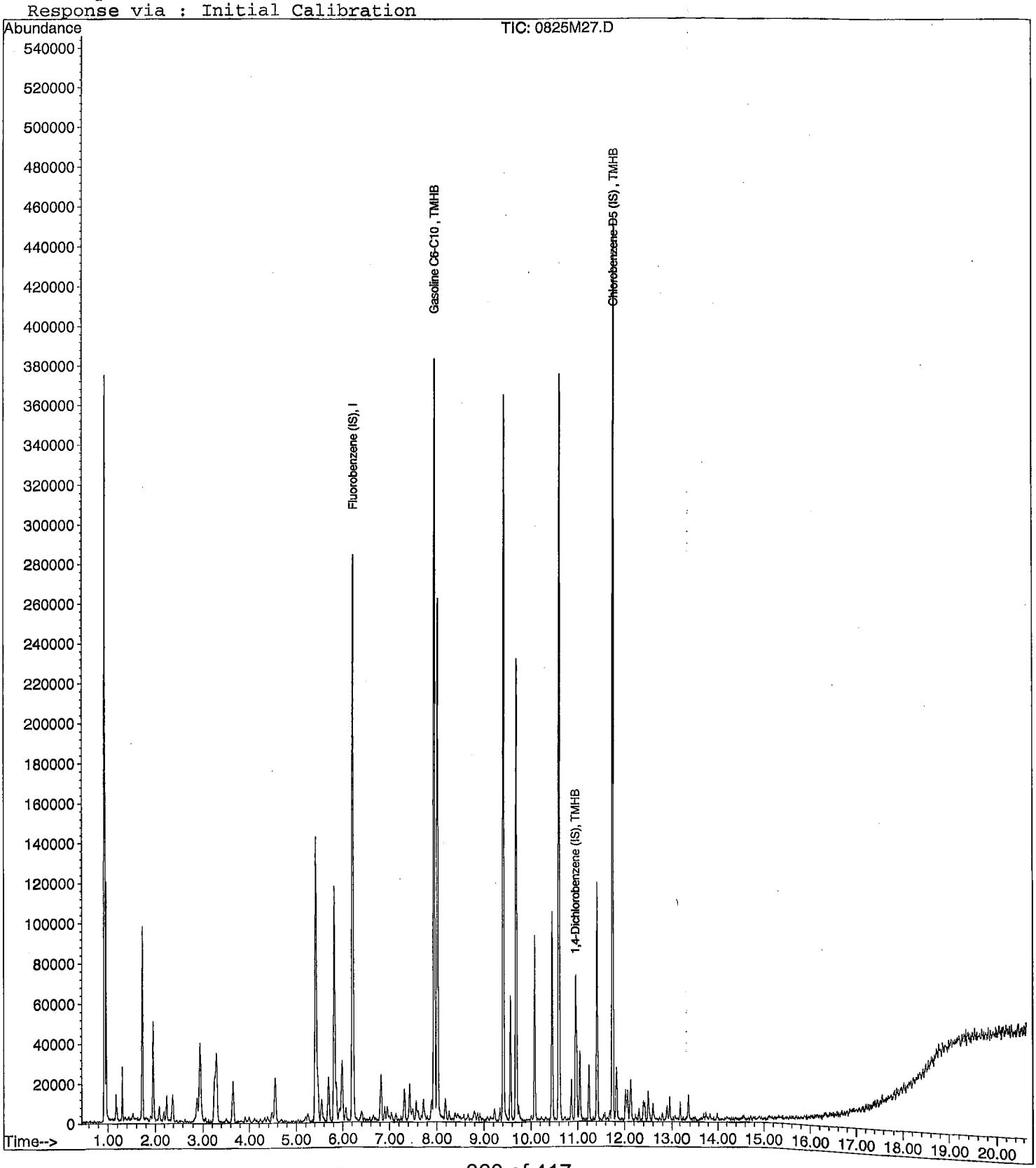
Quantitation Report

Data File : M:\MAX\DATA\210825\0825M27.D
Acq On : 25 Aug 21 22:14
Sample : 600ug/L GAS STD 8/25/21
Misc : IS&S 6/4/21

Vial: 17
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: 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\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

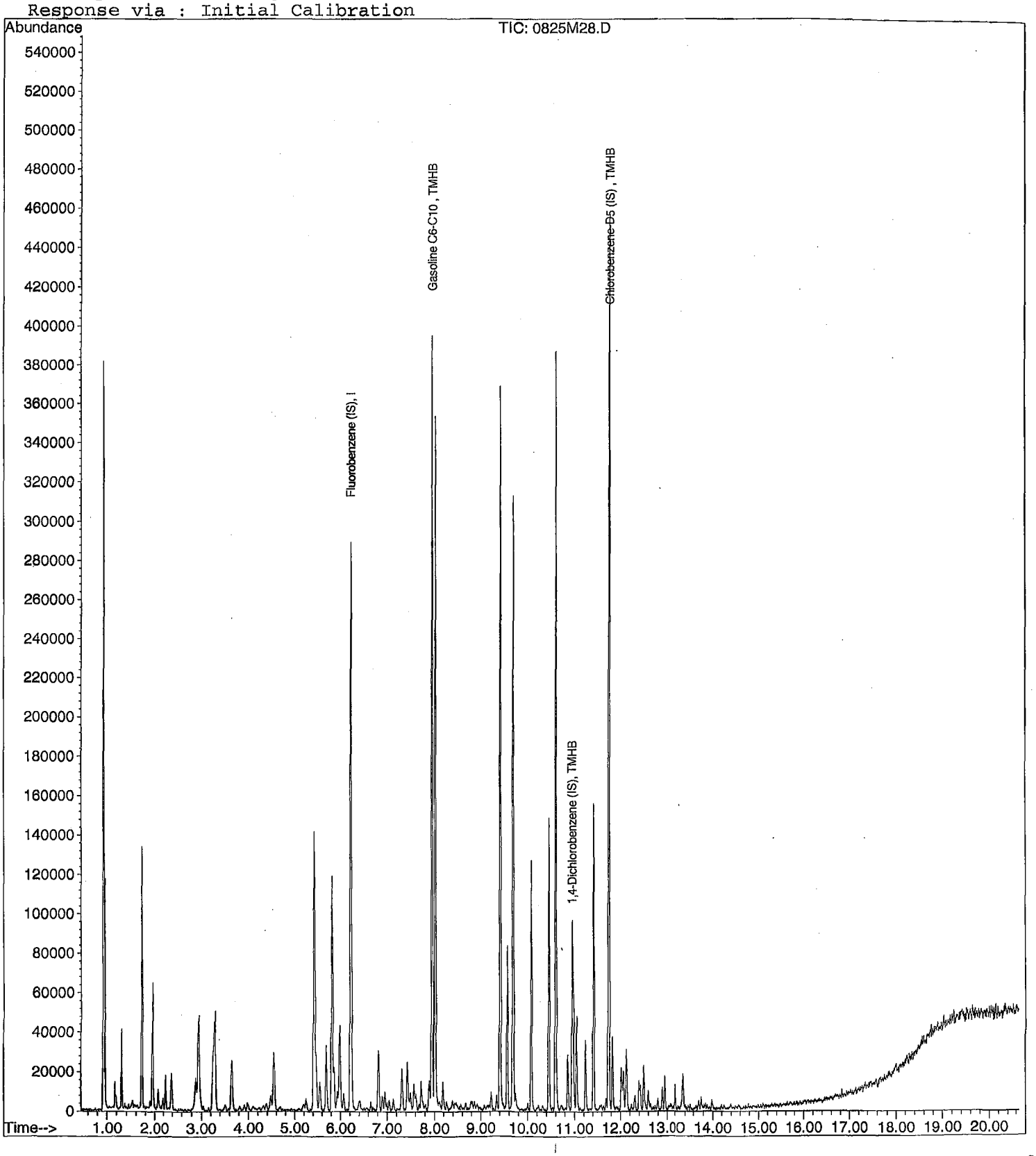
Quantitation Report

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

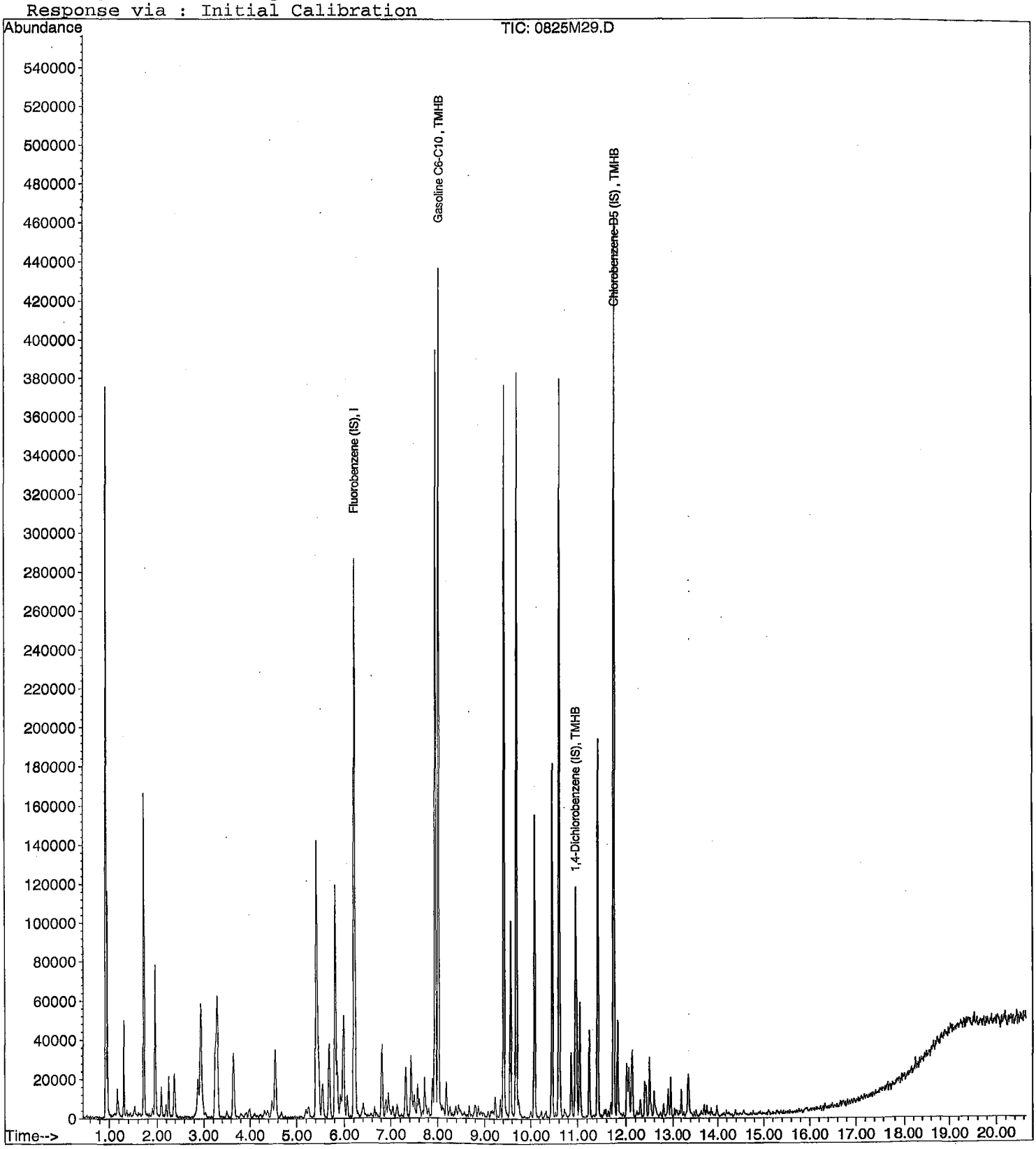
Quantitation Report

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
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							
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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

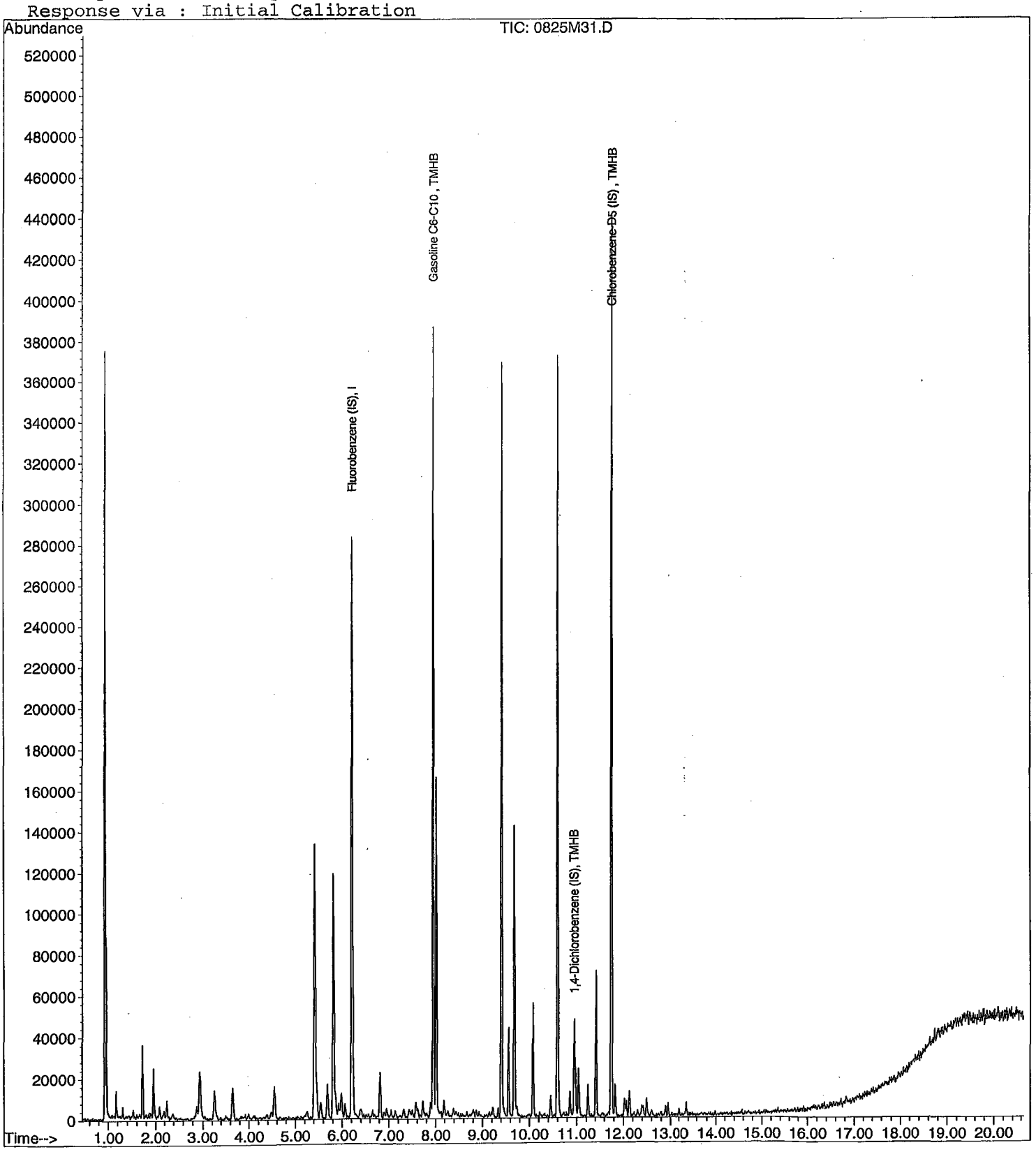
Quantitation Report

Data File : M:\MAX\DATA\210825\0825M31.D
Acq On : 26 Aug 21 00:06
Sample : (SS) 300ug/L GAS STD 8/25/21
Misc : IS&S 6/4/21

Vial: 21
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: 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 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)																
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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

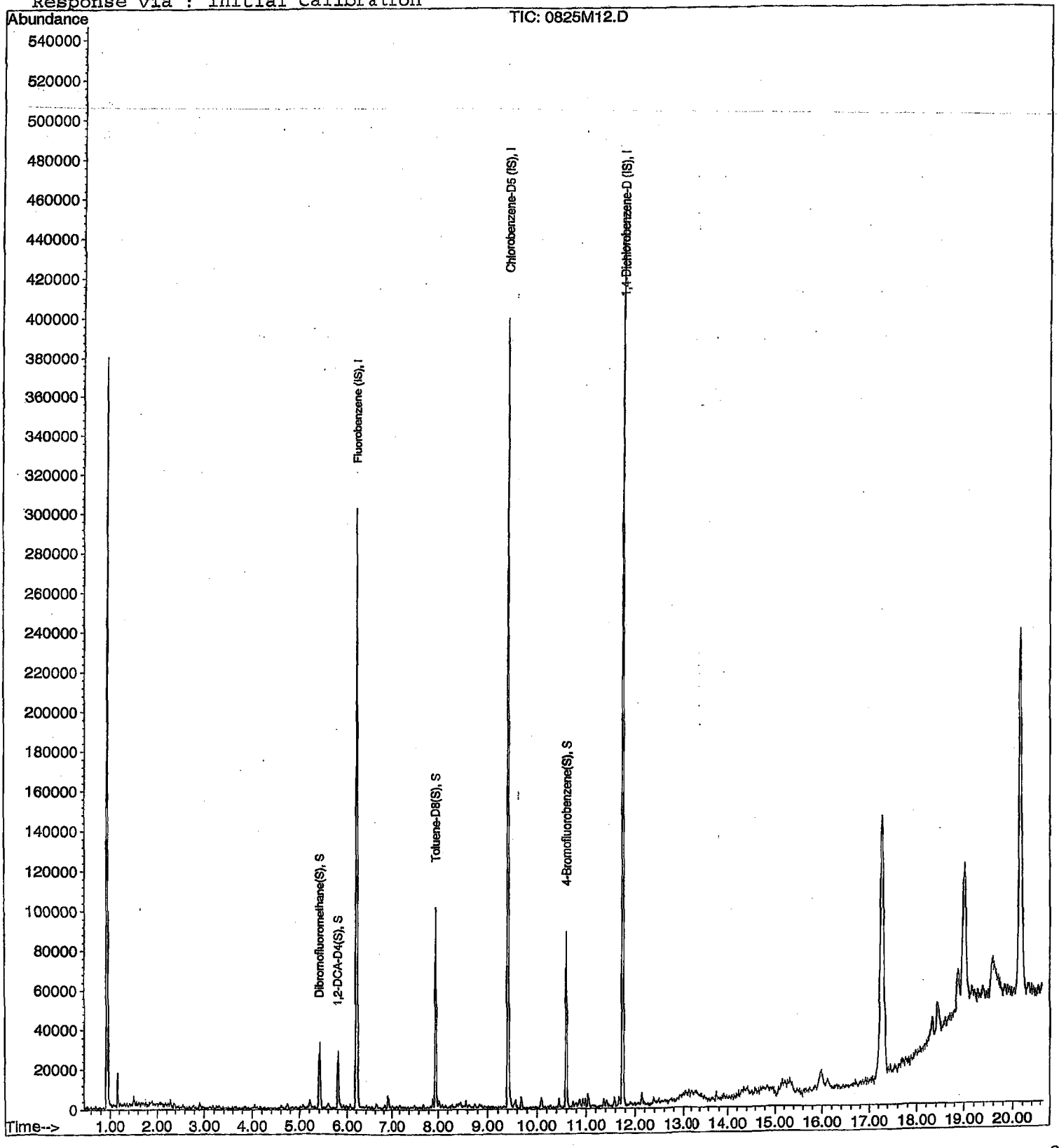
Quantitation Report

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 Vial: 3
Acq On : 25 Aug 21 15:43 Operator: LP,DG,CH
Sample : 0.5ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 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

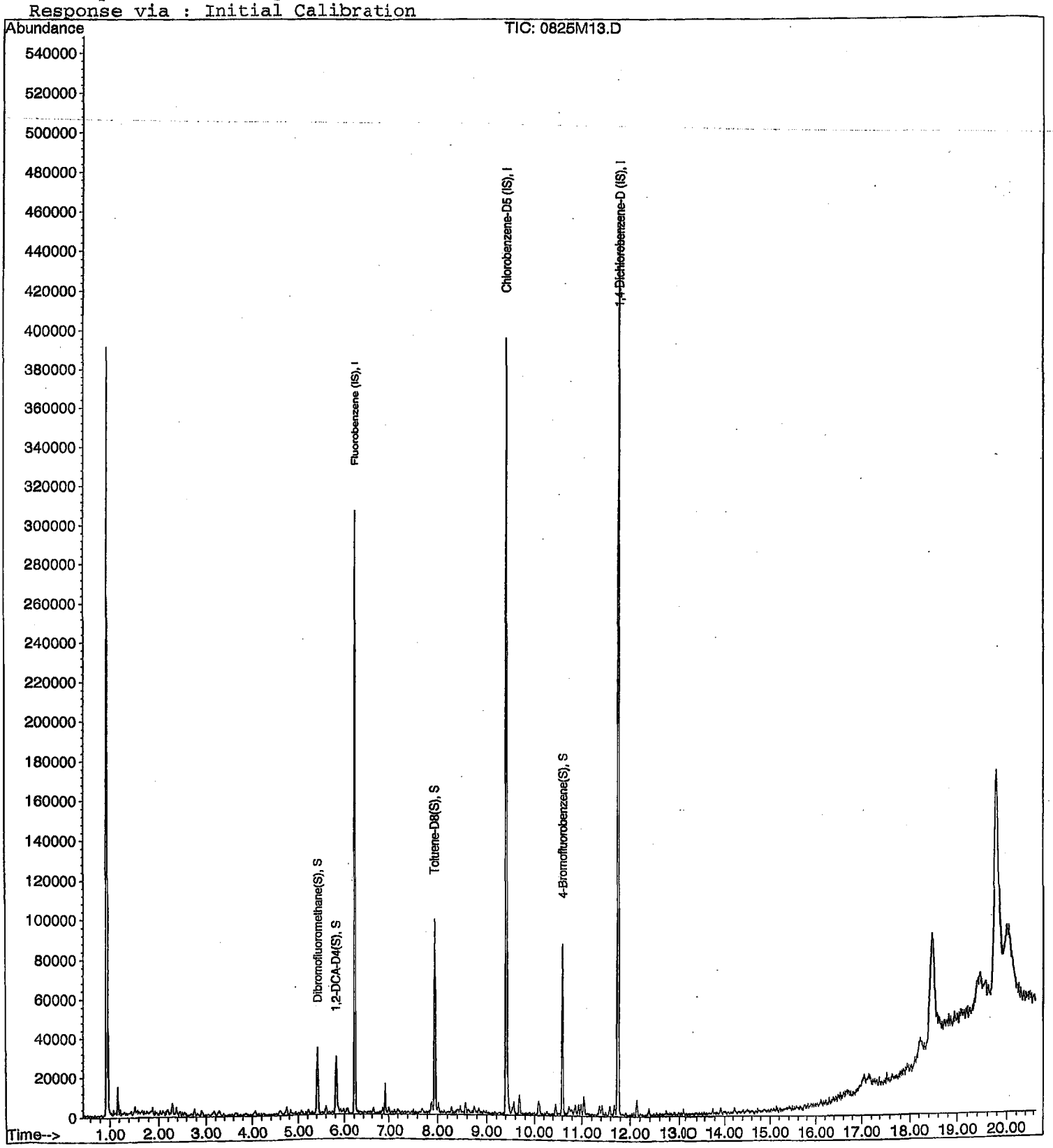
Data File : M:\MAX\DATA\210825\0825M13.D
Acq On : 25 Aug 21 15:43
Sample : 0.5ug/L VOC STD 8/25/21
Misc : IS&S 6/4/21

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

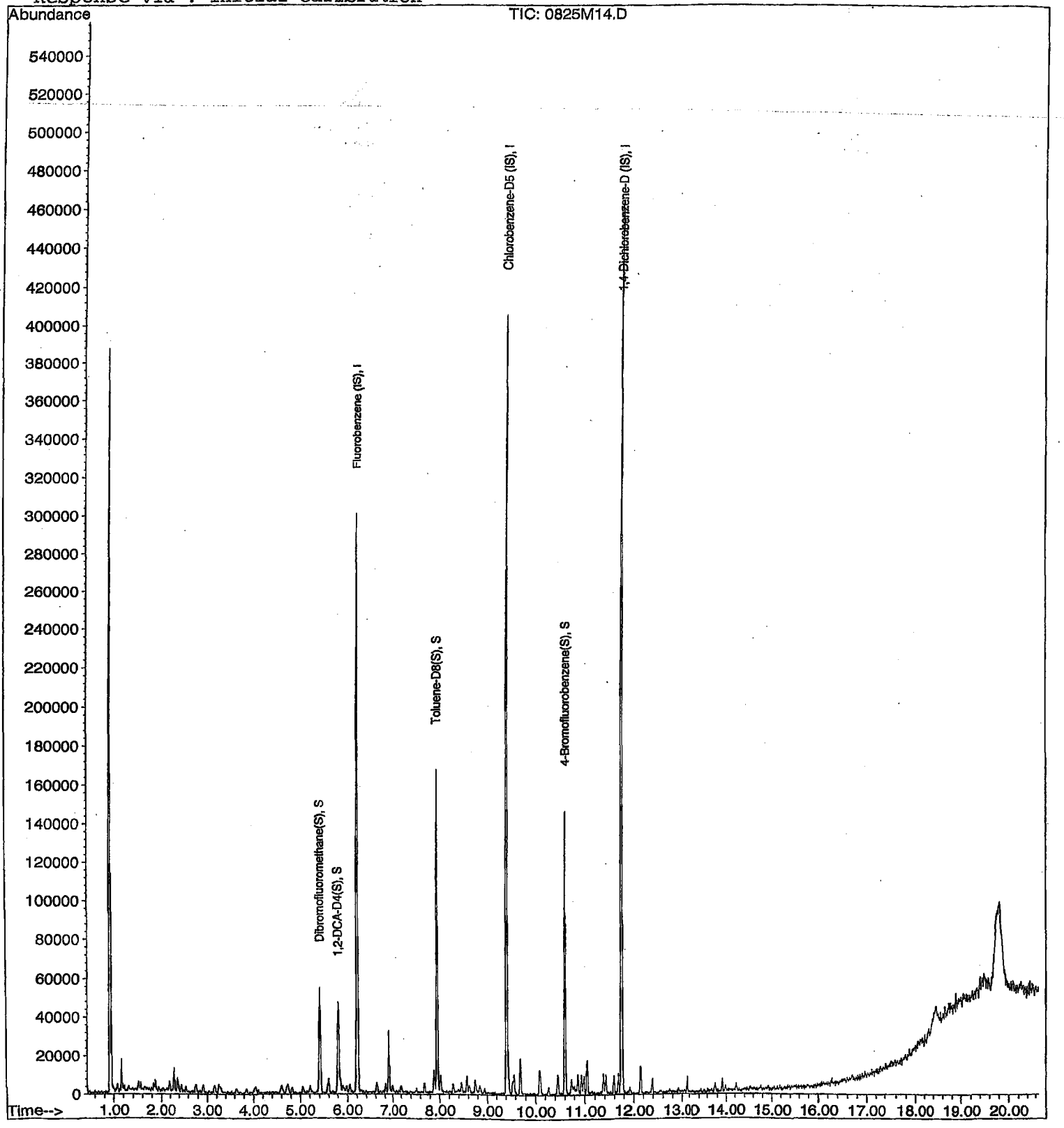
Quantitation Report

Data File : M:\MAX\DATA\210825\0825M14.D
Acq On : 25 Aug 21 16:11
Sample : 1ug/L VOC STD 8/25/21
Misc : IS&S 6/4/21

Vial: 4
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\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

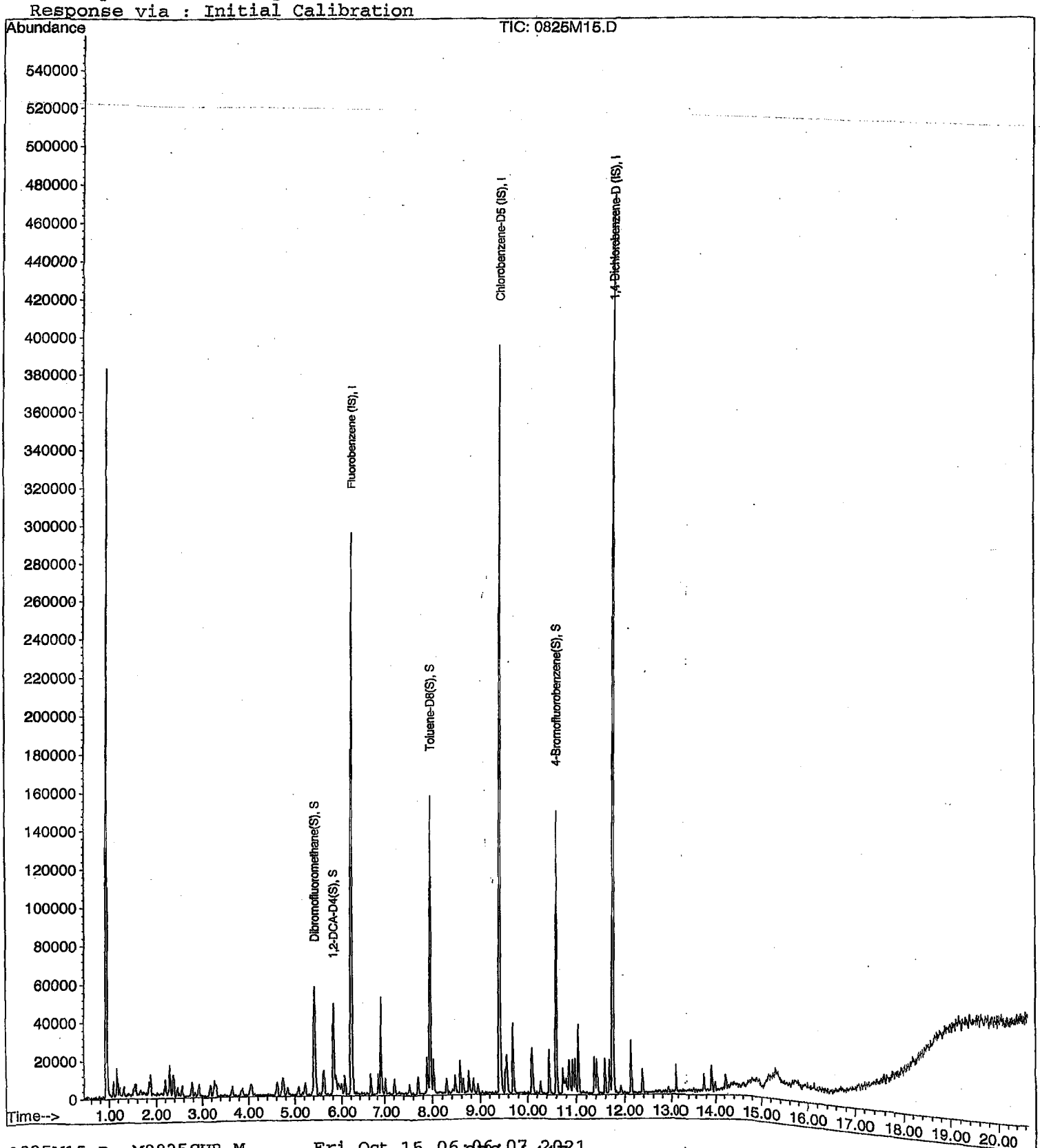
Quantitation Report

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

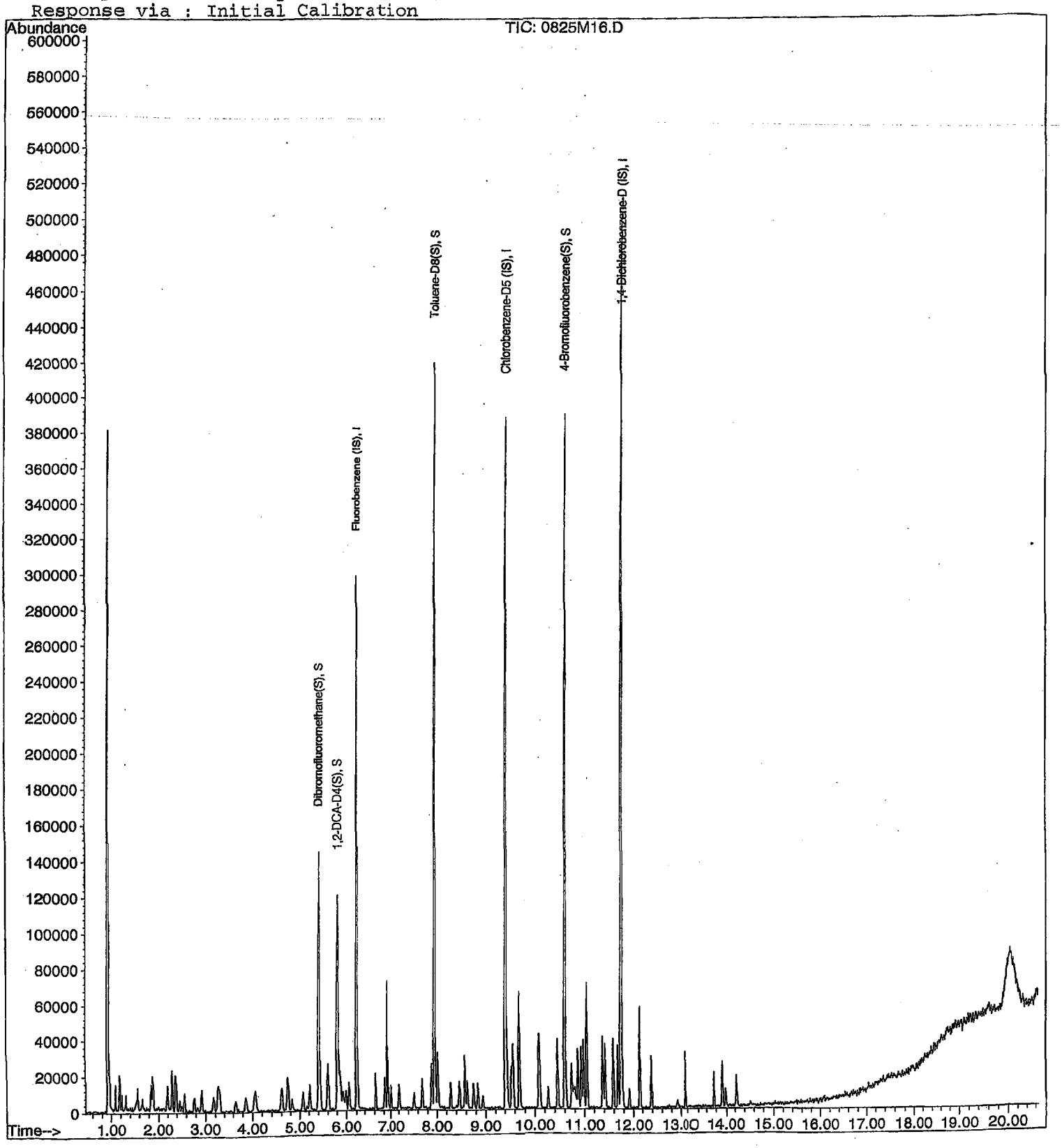
Quantitation Report

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

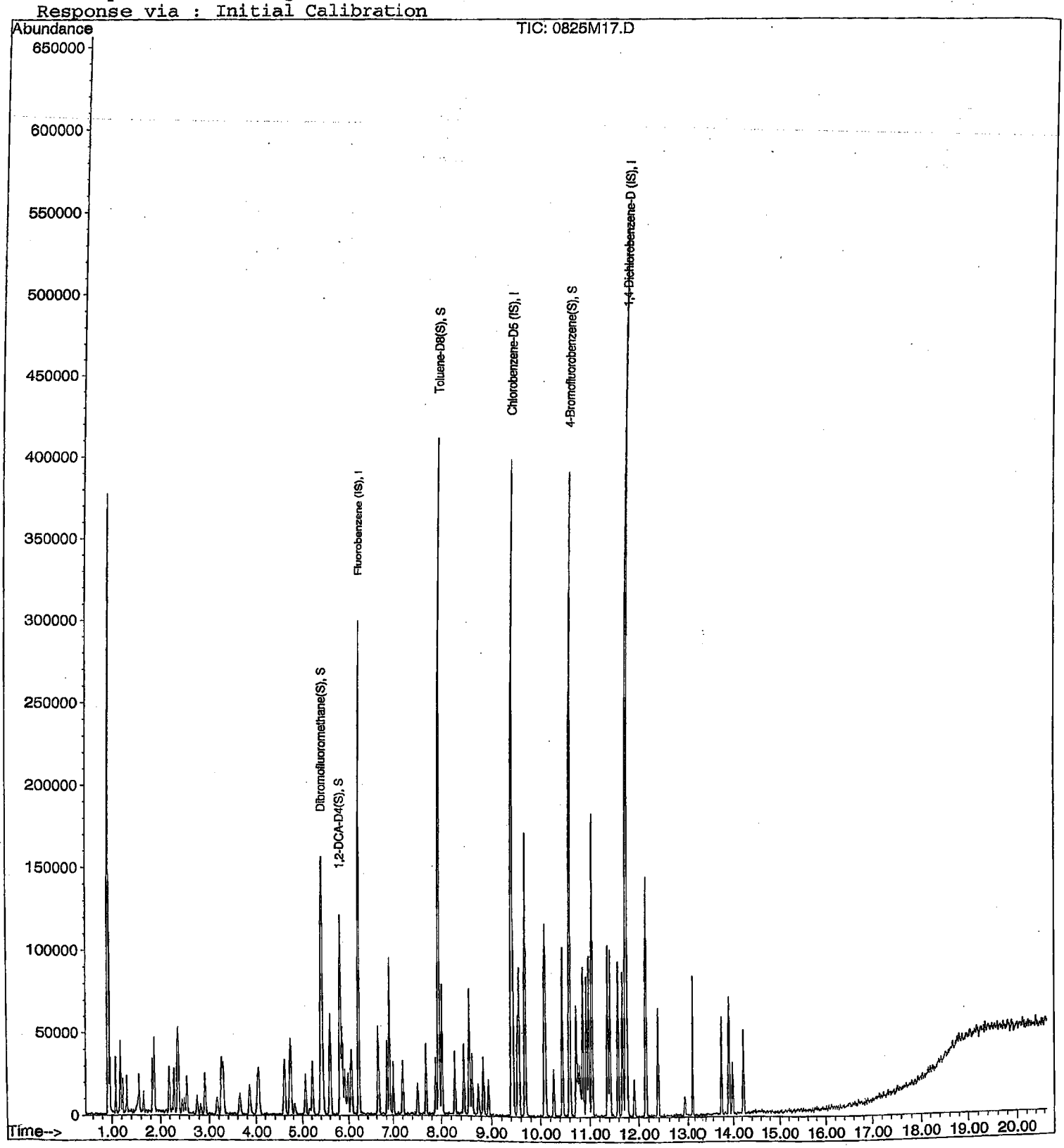
Quantitation Report

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

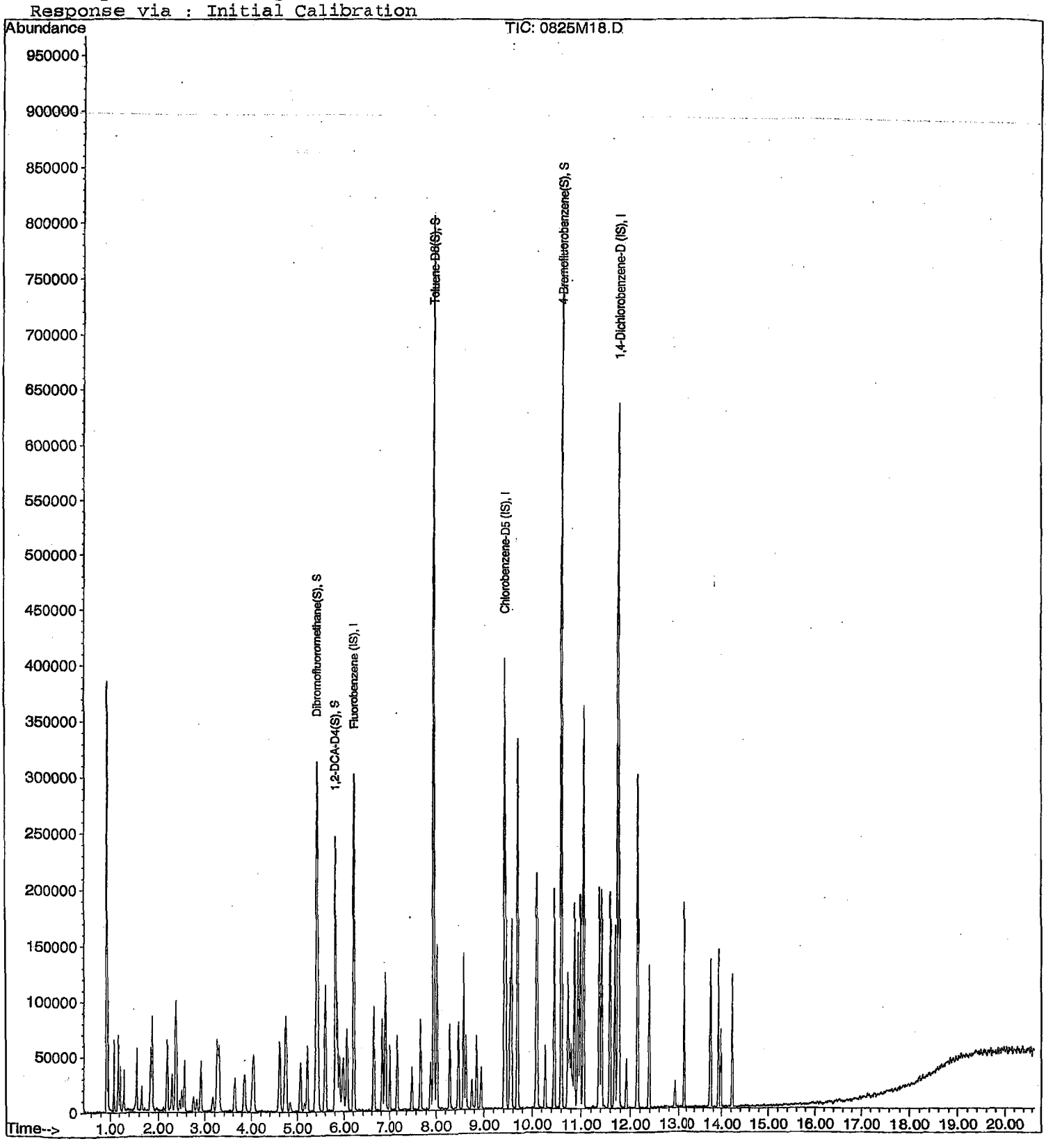
Quantitation Report

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

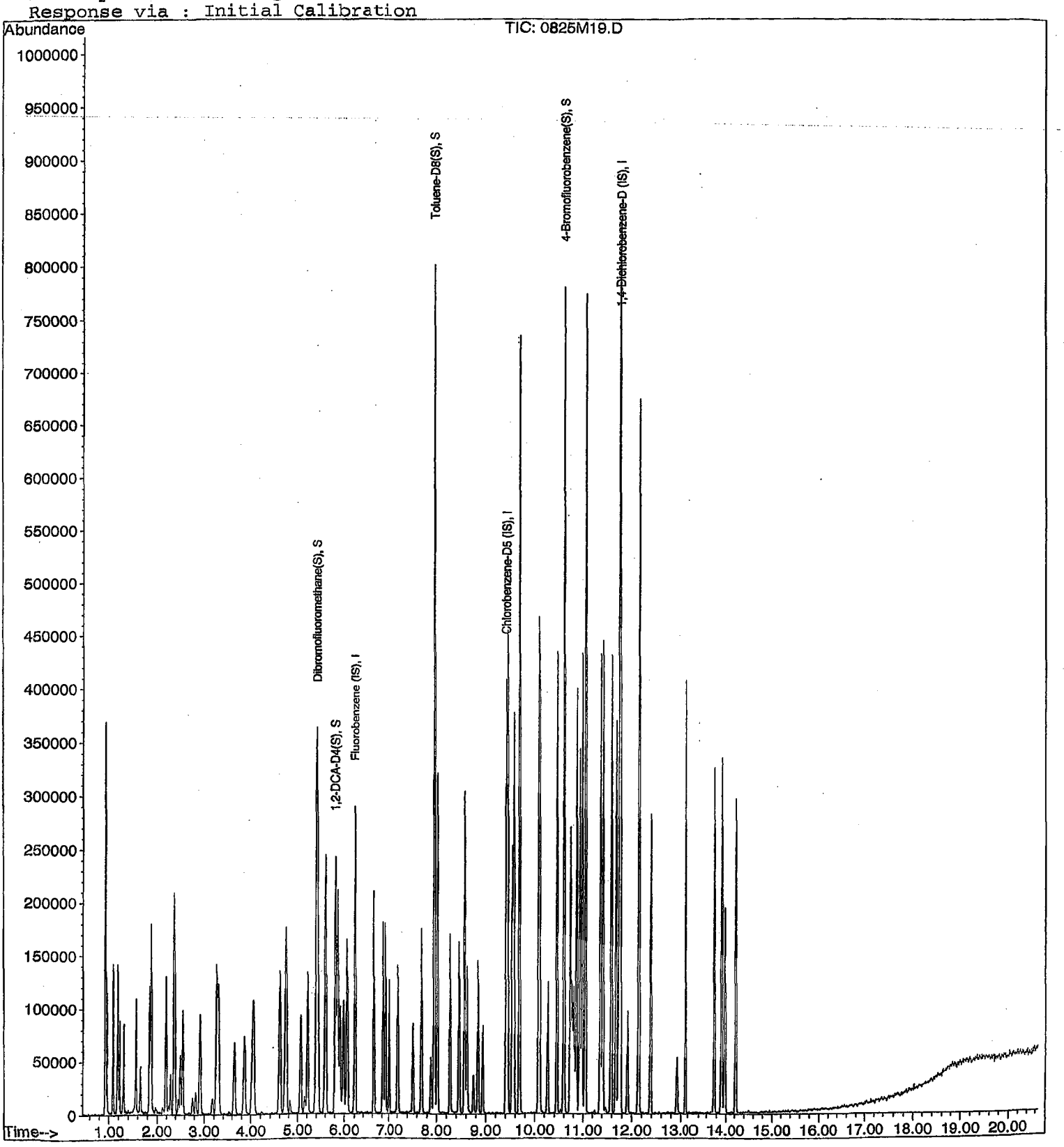
Quantitation Report

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

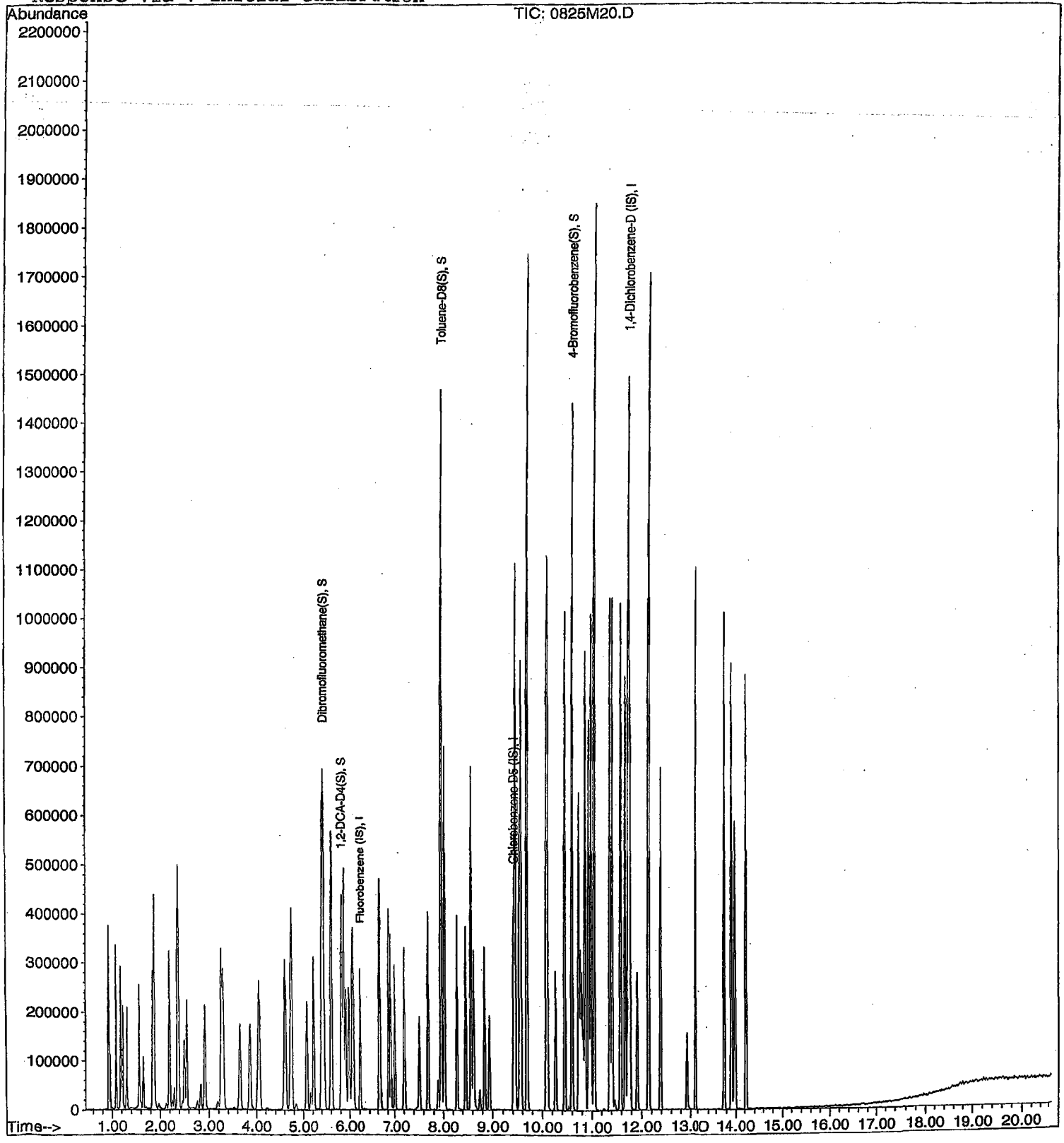
Quantitation Report

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

Continuing Calibration

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

SDG No:
Date Analyzed: 9 Nov 21 10:25
Instrument: Max
Initial Cal. Date: 8/25/2021
Data File: 1109M06.D

		Compound	MEAN	CCRF	%D	%Drift	
1	I	Fluorobenzene (IS)	ISTD			I	
2	TMHB	Gasoline C6-C10	3.704	1.240	67	TMHBL	7.1
3	TMHB	Chlorobenzene-D5 (IS)	ISTD			TMHB	
4	TMHB	1,4-Dichlorobenzene (IS)	ISTD			TMHB	
5							
6							
7							
8							
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34							
35							
36							
37							
38							
39							
40							
		Average			67.0		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 9 Nov 21 10:25
Instrument: Max
Initial Cal. Date: 8/25/2021
Data File: 1109M06.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Fluorobenzene (IS)	ISTD			I	
2	S	Dibromofluoromethane(S)	0.3015	0.3422	13	S	
3	S	1,2-DCA-D4(S)	0.1981	0.2260	14	S	
4	I	Chlorobenzene-D5 (IS)	ISTD			I	
5	S	Toluene-D8(S)	1.172	1.151	1.8	S	
6	S	4-Bromofluorobenzene(S)	0.4574	0.4544	0.66	S	
7	I	1,4-Dichlorobenzene-D (IS)	ISTD			I	
8							
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30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
		Average			7.4		

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211108\1109M06.D Vial: 6
Acq On : 9 Nov 21 10:25 Operator: LP,DG,CH
Sample : 211109A CCV/LCS 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 9 11:05 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)	6.38	TIC	461074	25.00	ppb	0.16
3) Chlorobenzene-D5 (IS)	11.75	TIC	1189130m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	93968m	25.00	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	8.08	TIC	6860505m	278.84	ppb	100

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211108\1109M06.D Vial: 6
Acq On : 9 Nov 21 10:25 Operator: LP,DG,CH
Sample : 211109A CCV/LCS 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 11 12:20 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210922\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.38	96	382971	25.00	ppb	0.16
4) Chlorobenzene-D5 (IS)	9.53	117	362265	25.00	ppb	0.12
7) 1,4-Dichlorobenzene-D (IS)	11.85	152	227283	25.00	ppb	0.10
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.60	111	131034	28.37	ppb	0.18
Spiked Amount 25.000			Recovery =	113.484%		
3) 1,2-DCA-D4(S)	5.98	65	86552	28.52	ppb	0.17
Spiked Amount 25.000			Recovery =	114.064%		
5) Toluene-D8(S)	8.08	98	417042	24.55	ppb	0.13
Spiked Amount 25.000			Recovery =	98.196%		
6) 4-Bromofluorobenzene(S)	10.70	95	164602	24.84	ppb	0.11
Spiked Amount 25.000			Recovery =	99.340%		

Target Compounds Qvalue

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

Quantitation Report

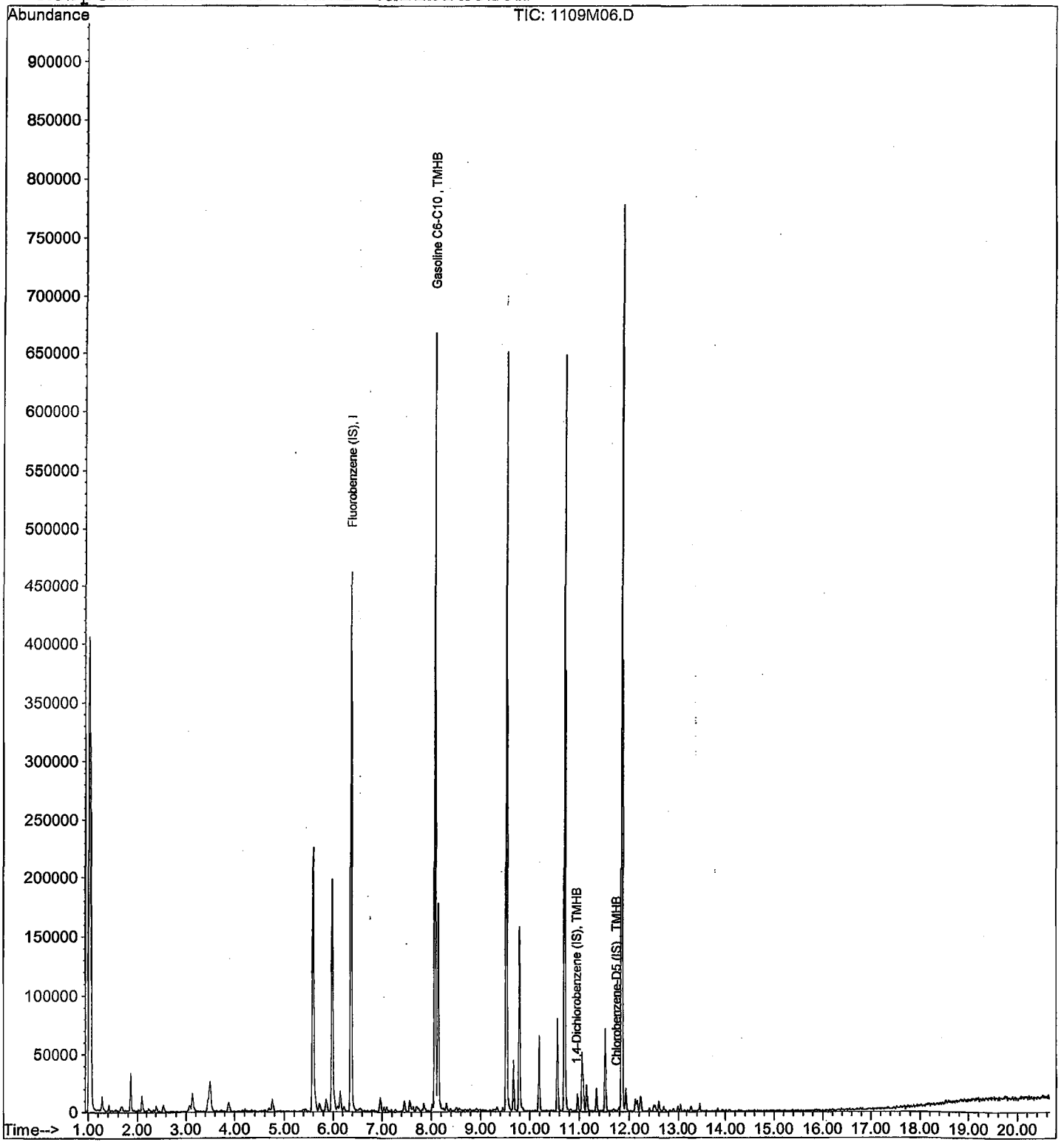
Data File : M:\MAX\DATA\211108\1109M06.D
Acq On : 9 Nov 21 10:25
Sample : 211109A CCV/LCS 300ug/L
Misc : IS&S 8/4/21

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

Quant Time: Nov 9 11:05 2021

Quant Results File: MGAS0825.RES

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



VOLATILE ORGANIC ANALYSIS
VOLATILE ORGANIC COMPOUNDS

Form 7

Ending Continuing Calibration

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

SDG No:
Date Analyzed: 11/10/2021
Instrument: Max
Initial Cal. Date: 8/25/2021
Data File: 1109M53.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Fluorobenzene (IS)	ISTD			I	
2	TMHB	Gasoline C6-C10	3.704	1.149	69	TMHBL	31
3	TMHB	Chlorobenzene-D5 (IS)	ISTD			TMHB	
4	TMHB	1,4-Dichlorobenzene (IS)	ISTD			TMHB	
5							
6							
7							
8							
9							
10							
11							
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34							
35							
36							
37							
38							
39							
40							
		Average			69.0		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Ending Continuing Calibration

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

SDG No:
Date Analyzed: 11/10/2021
Instrument: Max
Initial Cal. Date: 8/25/2021
Data File: 1109M53.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Fluorobenzene (IS)	ISTD			I	
2	S	Dibromofluoromethane(S)	0.3015	0.3266	8.3	S	
3	S	1,2-DCA-D4(S)	0.1981	0.2235	13	S	
4	I	Chlorobenzene-D5 (IS)	ISTD			I	
5	S	Toluene-D8(S)	1.172	1.165	0.60	S	
6	S	4-Bromofluorobenzene(S)	0.4574	0.4460	2.5	S	
7	I	1,4-Dichlorobenzene-D (IS)	ISTD			I	
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
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35							
36							
37							
38							
39							
40							
		Average			6.1		

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211108\1109M53.D Vial: 24
Acq On : 10 Nov 21 8:03 Operator: LP,DG,CH
Sample : Ending CCV 300ug/L 11/9/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 10 8:28 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)	6.38	TIC	484385	25.00 ppb	0.16
3) Chlorobenzene-D5 (IS)	11.75	TIC	1191809m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	84909m	25.00 ppb	0.00
System Monitoring Compounds					
Target Compounds					Qvalue
2) Gasoline C6-C10	8.08	TIC	6680313m	205.65 ppb	100

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211108\1109M53.D Vial: 24
Acq On : 10 Nov 21 8:03 Operator: LP,DG,CH
Sample : Ending CCV 300ug/L 11/9/21 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 11 12:20 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210922\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.38	96	410520	25.00	ppb	0.16
4) Chlorobenzene-D5 (IS)	9.53	117	367990	25.00	ppb	0.12
7) 1,4-Dichlorobenzene-D (IS)	11.85	152	227097	25.00	ppb	0.10
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.59	111	134076	27.08	ppb	0.18
Spiked Amount 25.000			Recovery =	108.324%		
3) 1,2-DCA-D4(S)	5.98	65	91752	28.20	ppb	0.17
Spiked Amount 25.000			Recovery =	112.804%		
5) Toluene-D8(S)	8.08	98	428802	24.85	ppb	0.13
Spiked Amount 25.000			Recovery =	99.396%		
6) 4-Bromofluorobenzene(S)	10.71	95	164131	24.38	ppb	0.11
Spiked Amount 25.000			Recovery =	97.516%		

Target Compounds Qvalue

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

Quantitation Report

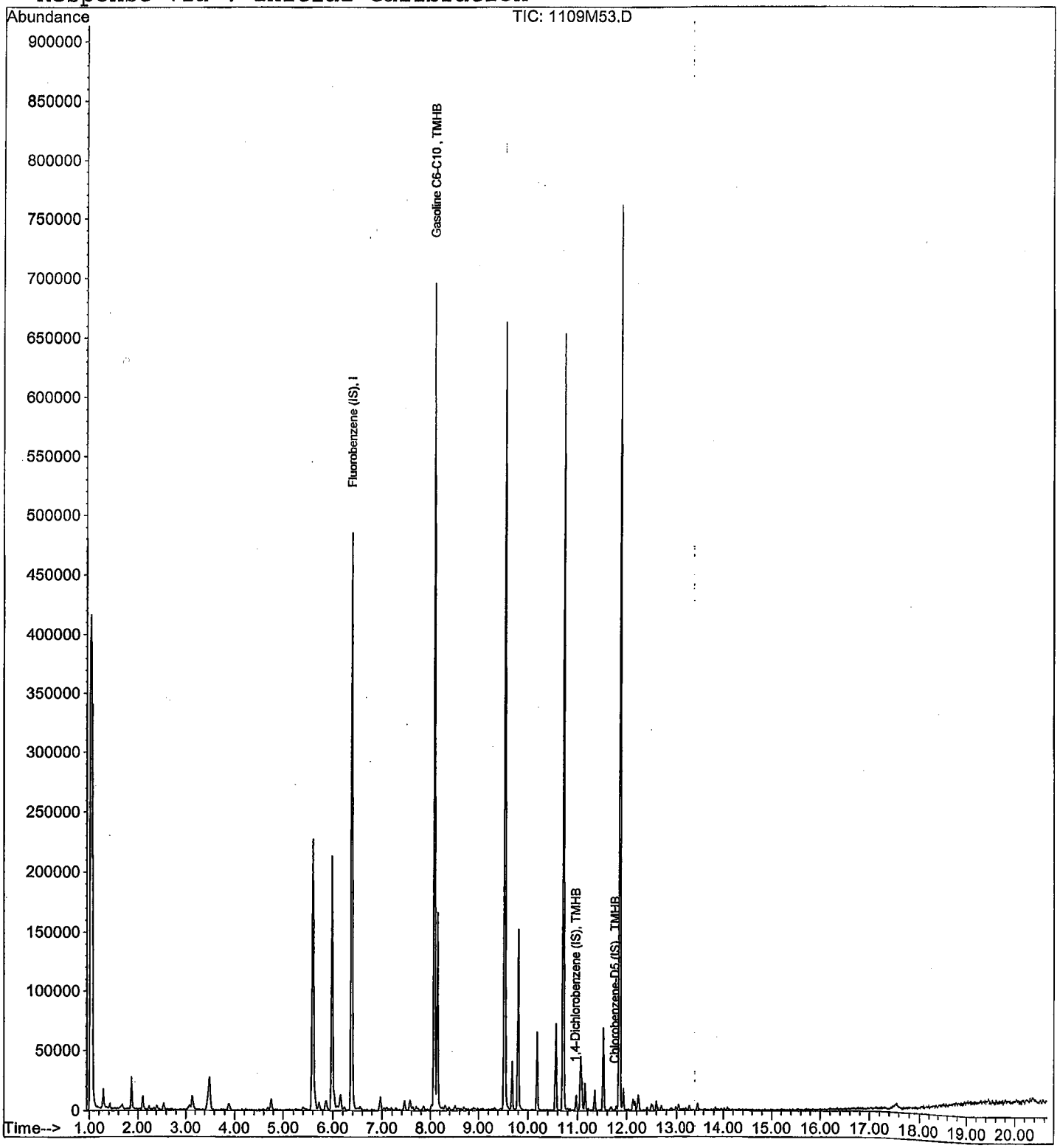
Data File : M:\MAX\DATA\211108\1109M53.D
Acq On : 10 Nov 21 8:03
Sample : Ending CCV 300ug/L 11/9/21
Misc : IS&S 8/4/21

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

Quant Time: Nov 10 8:28 2021

Quant Results File: MGAS0825.RES

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



ORGANICS
Raw Data

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211108\1109M12.D Vial: 12
Acq On : 9 Nov 21 13:15 Operator: LP,DG,CH
Sample : BA45104W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 12 11:22 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)	6.38	TIC	447967	25.00 ppb	0.16
3) Chlorobenzene-D5 (IS)	11.75	TIC	1119940m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	8248m	25.00 ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211108\1109M12.D Vial: 12
Acq On : 9 Nov 21 13:15 Operator: LP,DG,CH
Sample : BA45104W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 11 12:20 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210922\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.38	96	378429	25.00	ppb	0.16
4) Chlorobenzene-D5 (IS)	9.53	117	348516	25.00	ppb	0.11
7) 1,4-Dichlorobenzene-D (IS)	11.85	152	211154	25.00	ppb	0.10
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.59	111	127330	27.90	ppb	0.18
Spiked Amount 25.000			Recovery =	111.600%		
3) 1,2-DCA-D4(S)	5.98	65	86360	28.79	ppb	0.17
Spiked Amount 25.000			Recovery =	115.180%		
5) Toluene-D8(S)	8.08	98	414641	25.37	ppb	0.13
Spiked Amount 25.000			Recovery =	101.484%		
6) 4-Bromofluorobenzene(S)	10.70	95	155034	24.31	ppb	0.11
Spiked Amount 25.000			Recovery =	97.256%		

Target Compounds Qvalue

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

Quantitation Report

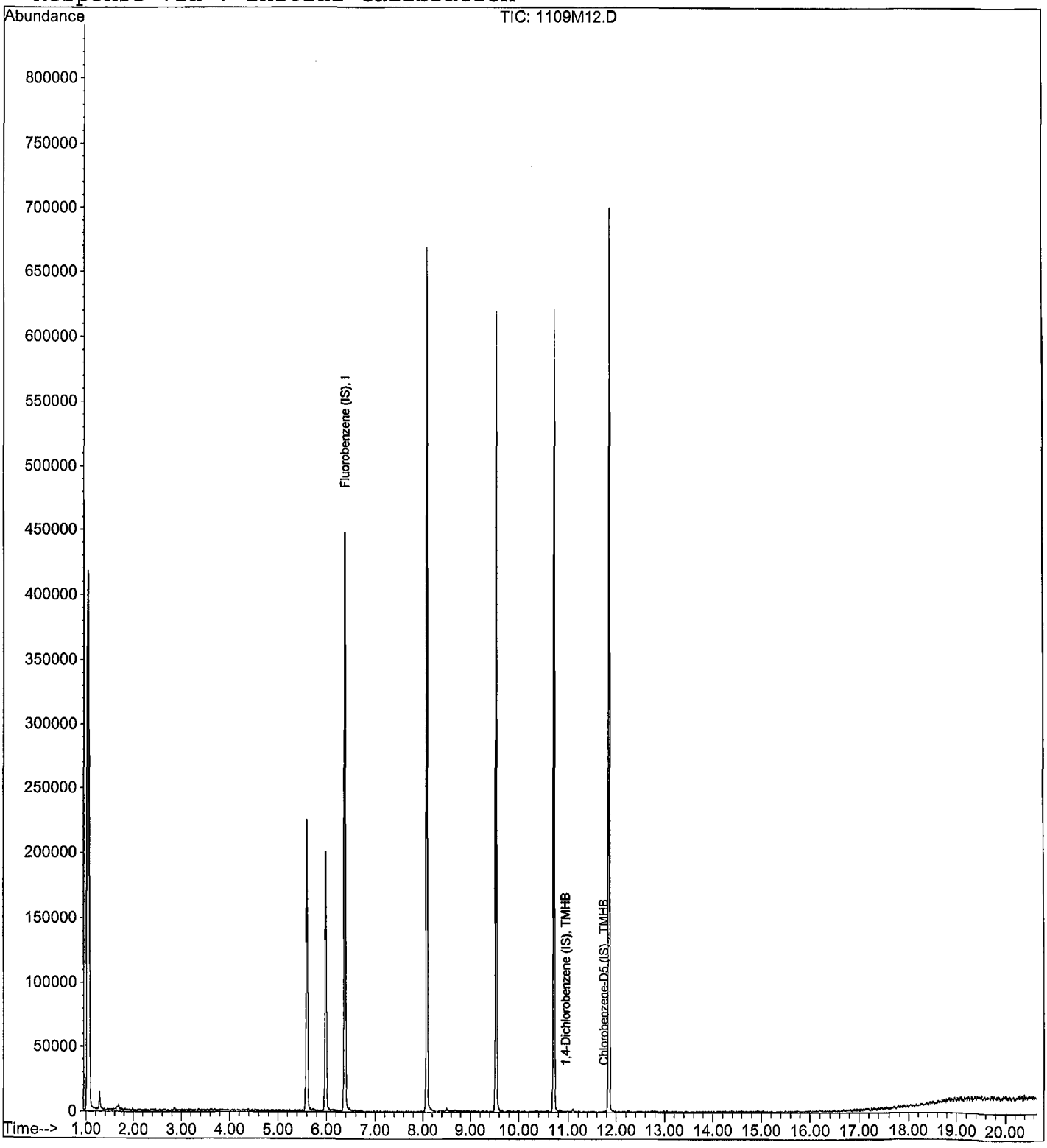
Data File : M:\MAX\DATA\211108\1109M12.D
Acq On : 9 Nov 21 13:15
Sample : BA45104W01
Misc : IS&S 8/4/21

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

Quant Time: Nov 12 11:22 2021

Quant Results File: MGAS0825.RES

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



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211108\1109M13.D Vial: 13
Acq On : 9 Nov 21 13:44 Operator: LP,DG,CH
Sample : BA45105W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 12 11:22 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	435826	25.00	ppb	0.16
3) Chlorobenzene-D5 (IS)	11.75	TIC	1094902m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	8291m	25.00	ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211108\1109M13.D
Acq On : 9 Nov 21 13:44
Sample : BA45105W01
Misc : IS&S 8/4/21

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

Quant Time: Nov 11 11:29 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	435826	25.00 ppb	0.16
3) Chlorobenzene-D5 (IS)	11.75	TIC	1094902m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	8291m	25.00 ppb	0.00
System Monitoring Compounds					
Target Compounds					Qvalue
2) Gasoline C6-C10	8.08	TIC	4849222m	26.41 ppb	100

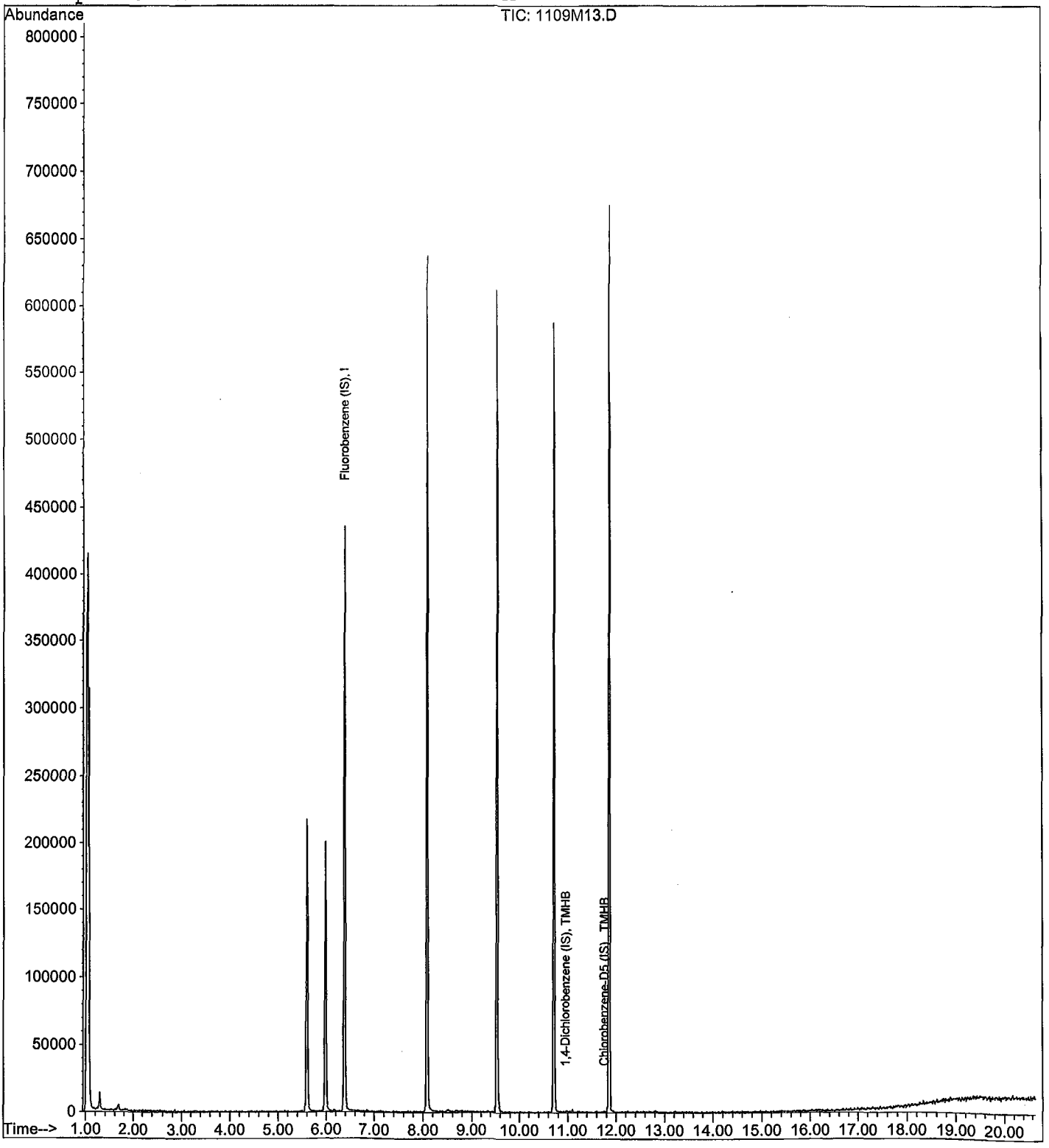
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211108\1109M13.D Vial: 13
Acq On : 9 Nov 21 13:44 Operator: LP,DG,CH
Sample : BA45105W01 Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 12 11:22 2021 Quant Results File: MGAS0825.RES

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



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211108\1109M07.D Vial: 7
Acq On : 9 Nov 21 10:53 Operator: LP,DG,CH
Sample : 211109A LCSD 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 9 11:30 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)	6.38	TIC	448272	25.00	ppb	0.16
3) Chlorobenzene-D5 (IS)	11.75	TIC	1181987m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	94459m	25.00	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	8.08	TIC	6829981m	302.84	ppb	100

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211108\1109M07.D Vial: 7
Acq On : 9 Nov 21 10:53 Operator: LP,DG,CH
Sample : 211109A LCSD 300ug/L Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 11 12:20 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210922\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.38	96	381243	25.00	ppb	0.16
4) Chlorobenzene-D5 (IS)	9.53	117	358782	25.00	ppb	0.11
7) 1,4-Dichlorobenzene-D (IS)	11.85	152	225315	25.00	ppb	0.10
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.60	111	128695	27.99	ppb	0.18
Spiked Amount 25.000			Recovery =	111.964%		
3) 1,2-DCA-D4(S)	5.98	65	87120	28.83	ppb	0.17
Spiked Amount 25.000			Recovery =	115.336%		
5) Toluene-D8(S)	8.08	98	422811	25.13	ppb	0.13
Spiked Amount 25.000			Recovery =	100.520%		
6) 4-Bromofluorobenzene(S)	10.70	95	162586	24.77	ppb	0.11
Spiked Amount 25.000			Recovery =	99.076%		

Target Compounds Qvalue

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

Quantitation Report

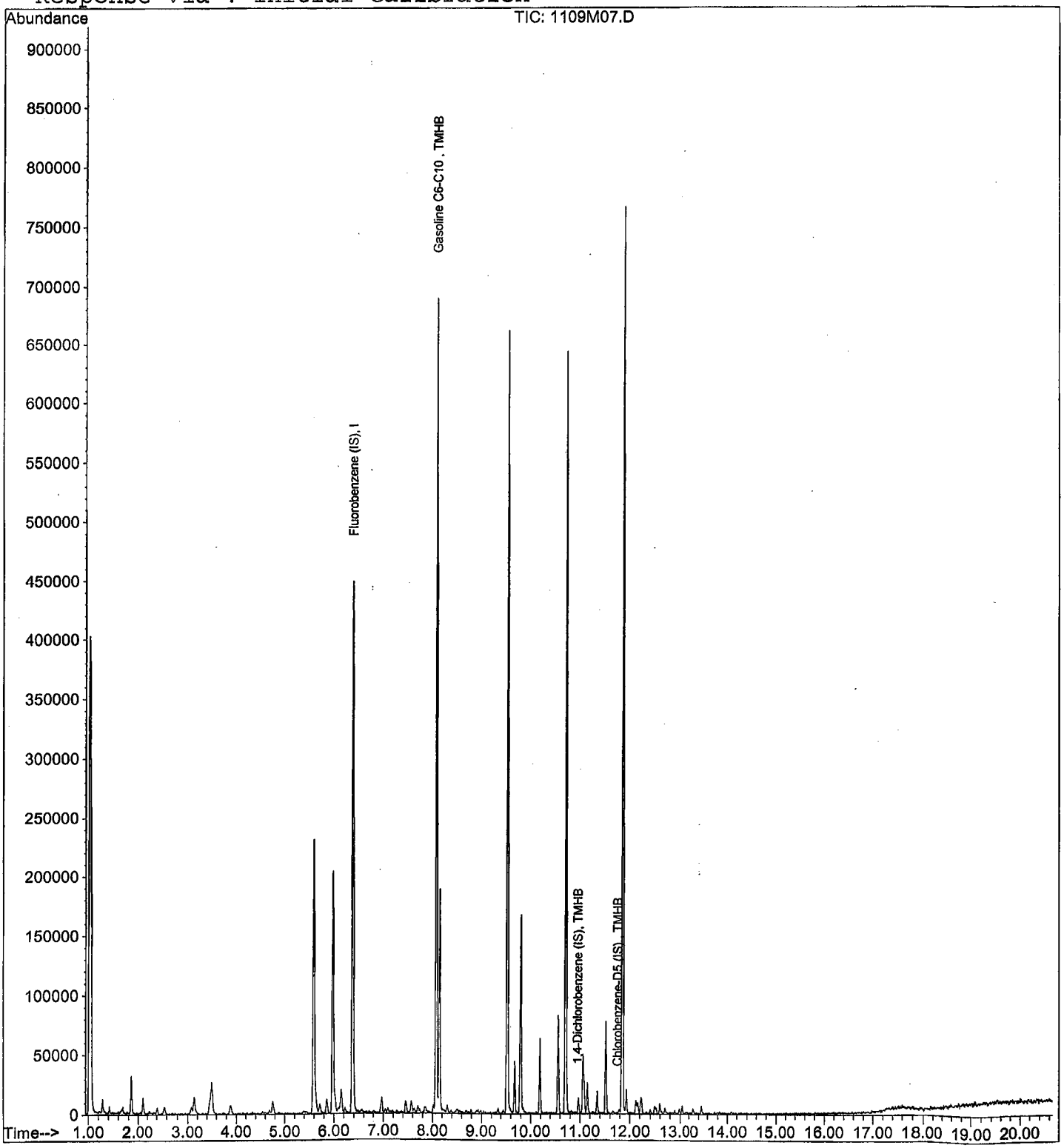
Data File : M:\MAX\DATA\211108\1109M07.D
Acq On : 9 Nov 21 10:53
Sample : 211109A LCSD 300ug/L
Misc : IS&S 8/4/21

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

Quant Time: Nov 9 11:30 2021

Quant Results File: MGAS0825.RES

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



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\211108\1109M08.D Vial: 8
Acq On : 9 Nov 21 11:22 Operator: LP,DG,CH
Sample : 211109A BLK Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 11 12:00 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)	6.38	TIC	447667	25.00	ppb	0.16
3) Chlorobenzene-D5 (IS)	11.75	TIC	1131886m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	11121m	25.00	ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\211108\1109M08.D Vial: 8
Acq On : 9 Nov 21 11:22 Operator: LP,DG,CH
Sample : 211109A BLK Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 11 12:20 2021 Quant Results File: M0825SUR.RES

Quant Method : M:\MAX\DATA\210922\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.38	96	377871	25.00	ppb	0.16
4) Chlorobenzene-D5 (IS)	9.53	117	344545	25.00	ppb	0.12
7) 1,4-Dichlorobenzene-D (IS)	11.85	152	212548	25.00	ppb	0.11
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.60	111	128047	28.10	ppb	0.18
Spiked Amount 25.000			Recovery =	112.392%		
3) 1,2-DCA-D4(S)	5.98	65	89912	30.02	ppb	0.17
Spiked Amount 25.000			Recovery =	120.092%		
5) Toluene-D8(S)	8.08	98	410777	25.42	ppb	0.13
Spiked Amount 25.000			Recovery =	101.696%		
6) 4-Bromofluorobenzene(S)	10.70	95	157629	25.01	ppb	0.11
Spiked Amount 25.000			Recovery =	100.024%		

Target Compounds Qvalue

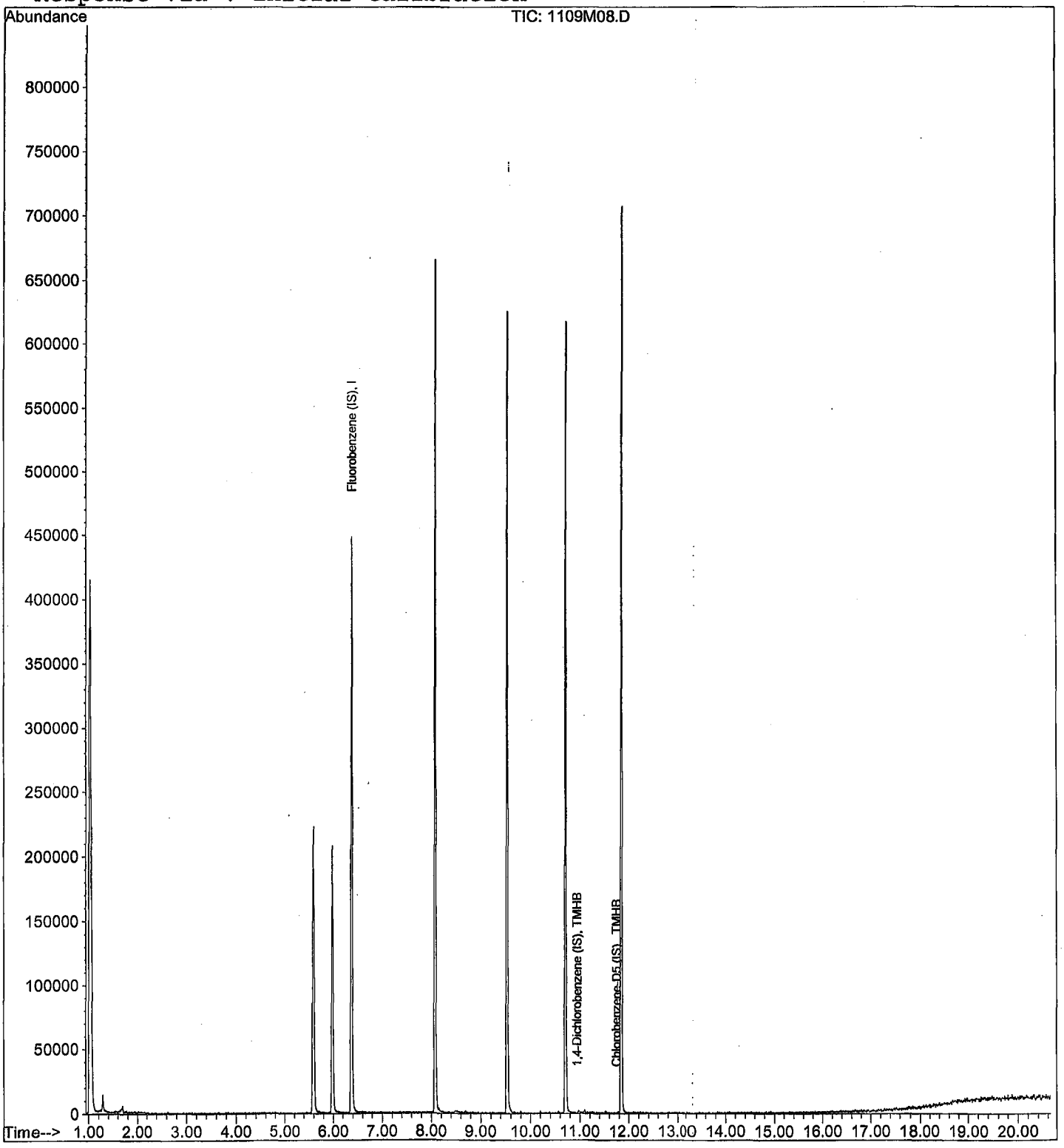
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\211108\1109M08.D Vial: 8
Acq On : 9 Nov 21 11:22 Operator: LP,DG,CH
Sample : 211109A BLK Inst : Max
Misc : IS&S 8/4/21 Multiplr: 1.00

Quant Time: Nov 11 12:00 2021 Quant Results File: MGAS0825.RES

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



MAX 8260 Standard Prep

MAX 8260 Water Calibration Curve

0.3ug/L

Prepared By (Initials): CH

Prepared: 8/25/2021

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 9	Various	0.3ug/L	5	Prepared 08/24/21	10/23/2021	N/A	3uL	50mL	P&T Water	0.3
VOA STD. 1	Absolute		50	Prepared 08/24/21	10/23/2021	N/A	5uL			5
VOA STD. 2	Phenova		100	Prepared 08/24/21	10/23/2021	N/A	2.5uL			5
VOA STD. TBA	Various		250	Prepared 08/24/21	9/8/2021	N/A	2uL			10

0.5ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 9	Various	0.5ug/L	5	Prepared 08/24/21	10/23/2021	N/A	5uL	50mL	P&T Water	0.5
VOA STD. 1	Absolute		50	Prepared 08/24/21	10/23/2021	N/A	10uL			10
VOA STD. 2	Phenova		100	Prepared 08/24/21	10/23/2021	N/A	5uL			10
VOA STD. TBA	Various		250	Prepared 08/24/21	9/8/2021	N/A	5uL			25

1.0ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 9	Various	1.0ug/L	5	Prepared 08/24/21	10/23/2021	N/A	10uL	50mL	P&T Water	1
VOA STD. 1	Absolute		50	Prepared 08/24/21	10/23/2021	N/A	20uL			20
VOA STD. 2	Phenova		100	Prepared 08/24/21	10/23/2021	N/A	10uL			20
VOA STD. TBA	Various		250	Prepared 08/24/21	9/8/2021	N/A	10uL			50

2.0ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 9	Various	2.0ug/L	5	Prepared 08/24/21	10/23/2021	N/A	20uL	50mL	P&T Water	2
VOA STD. 1	Absolute		50	Prepared 08/24/21	10/23/2021	N/A	30uL			30
VOA STD. 2	Phenova		100	Prepared 08/24/21	10/23/2021	N/A	15uL			30
VOA STD. TBA	Various		250	Prepared 08/24/21	9/8/2021	N/A	15uL			75

5ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 7	Various	5ug/L	50	Prepared 08/24/21	10/23/2021	N/A	5uL	50mL	P&T Water	5
VOA STD. 8	Phenova		50	Prepared 08/24/21	9/8/2021	N/A	5uL			5
VOA STD. 1	Absolute		50	Prepared 08/24/21	10/23/2021	N/A	40uL			40
VOA STD. 2	Phenova		100	Prepared 08/24/21	10/23/2021	N/A	20uL			20
VOA STD. TBA	Various		250	Prepared 08/24/21	9/8/2021	N/A	20uL			100

10ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 7	Various	10ug/L	50	Prepared 08/24/21	10/23/2021	N/A	10uL	50mL	P&T Water	10
VOA STD. 8	Phenova		50	Prepared 08/24/21	9/8/2021	N/A	10uL			10
VOA STD. 1	Absolute		50	Prepared 08/24/21	10/23/2021	N/A	50uL			50
VOA STD. 2	Phenova		100	Prepared 08/24/21	10/23/2021	N/A	25uL			50
VOA STD. TBA	Various		250	Prepared 08/24/21	9/8/2021	N/A	25uL			125

20ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 7	Various	20ug/L	50	Prepared 08/24/21	10/23/2021	N/A	20uL	50mL	P&T Water	20
VOA STD. 8	Phenova		50	Prepared 08/24/21	9/8/2021	N/A	20uL			20
VOA STD. 1	Absolute		50	Prepared 08/24/21	10/23/2021	N/A	60uL			60
VOA STD. 2	Phenova		100	Prepared 08/24/21	10/23/2021	N/A	30uL			60
VOA STD. TBA	Various		250	Prepared 08/24/21	9/8/2021	N/A	30uL			150

40ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 7	Various	40ug/L	50	Prepared 08/24/21	10/23/2021	N/A	40uL	50mL	P&T Water	40
VOA STD. 8	Phenova		50	Prepared 08/24/21	9/8/2021	N/A	40uL			40
VOA STD. 1	Absolute		50	Prepared 08/24/21	10/23/2021	N/A	80uL			80
VOA STD. 2	Phenova		100	Prepared 08/24/21	10/23/2021	N/A	40uL			80
VOA STD. TBA	Various		250	Prepared 08/24/21	9/8/2021	N/A	35uL			175

100ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 7	Various	100ug/L	50	Prepared 08/24/21	10/23/2021	N/A	100uL	50mL	P&T Water	100
VOA STD. 8	Phenova		50	Prepared 08/24/21	9/8/2021	N/A	100uL			100
VOA STD. 1	Absolute		50	Prepared 08/24/21	10/23/2021	N/A	100uL			100
VOA STD. 2	Phenova		100	Prepared 08/24/21	10/23/2021	N/A	50uL			100
VOA STD. TBA	Various		250	Prepared 08/24/21	9/8/2021	N/A	40uL			200

MAX 8260 Water Second Source (SS)

Prepared: 8/25/2021

Prepared By (Initials): CH

Expires: 9/8/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 3	Phenova	8260 Water SS	100	Prepared 08/24/21	10/23/2021	N/A	25uL	50mL	P&T Water	50
VOA STD. GASES	Phenova	8260 Water SS	50	Prepared 08/24/21	10/23/2021	N/A	10uL			10
VOA STD. 0	Phenova	8260 Water SS	50	Prepared 08/24/21	10/23/2021	N/A	10uL			10
VOA STD. 2-CEVE	Absolute	8260 Water SS	50	Prepared 08/24/21	8/24/2021	N/A	50uL			50
VOA STD. 6	Various	8260 Water SS	50	Prepared 08/24/21	9/8/2021	N/A	10uL			10
Voa STD. TBA	Various	8260 Water SS	250	Prepared 08/24/21	9/8/2021	N/A	25uL			250

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

Prepared: 8/25/2021

Prepared By (Initials): CH

Expires: 8/26/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA STD. 7	Various	CCV/ LCS	50	Prepared 08/24/21	10/23/2021	N/A	10uL	50mL	P&T Water	10
VOA STD. 8	Phenova	CCV/ LCS	50	Prepared 08/24/21	9/8/2021	N/A	10uL			10
VOA STD. 1	Absolute	CCV/ LCS	50	Prepared 08/24/21	10/23/2021	N/A	50uL			50
VOA STD. 2	Phenova	CCV/ LCS	100	Prepared 08/24/21	10/23/2021	N/A	25uL			50
VOA STD. TBA	Various	CCV/ LCS	250	Prepared 08/24/21	9/8/2021	N/A	25uL			250

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

Injection Log

Directory: M:\MAX\DATA\210825\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	2	0825M12.D	1	0.3ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 15:15
2	3	0825M13.D	1	0.5ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 15:43
3	4	0825M14.D	1	1ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 16:11
4	5	0825M15.D	1	2ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 16:39
5	6	0825M16.D	1	5ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 17:07
6	7	0825M17.D	1	10ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 17:35
7	8	0825M18.D	1	20ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 18:03
8	9	0825M19.D	1	40ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 18:31
9	10	0825M20.D	1	100ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 18:59
10	13	0825M23.D	1	20ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 20:23
11	14	0825M24.D	1	50ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 20:51
12	15	0825M25.D	1	100ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 21:19
13	16	0825M26.D	1	300ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 21:47
14	17	0825M27.D	1	600ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 22:14
15	18	0825M28.D	1	800ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 22:42
16	19	0825M29.D	1	1000ug/L GAS STD 8/25/21	IS&S 6/4/21	25 Aug 21 23:10
17	21	0825M31.D	1	(SS) 300ug/L GAS STD 8/25/21	IS&S 6/4/21	26 Aug 21 00:06

Injection Log

Directory: M:\MAX\DATA\211108\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	6	1109M06.D	1	211109A CCV/LCS 300ug/L	IS&S 8/4/21	9 Nov 21 10:25
2	7	1109M07.D	1	211109A LCSD 300ug/L	IS&S 8/4/21	9 Nov 21 10:53
3	8	1109M08.D	1	211109A BLK	IS&S 8/4/21	9 Nov 21 11:22
4	12	1109M12.D	1	BA45104W01	IS&S 8/4/21	9 Nov 21 13:15
5	13	1109M13.D	1	BA45105W01	IS&S 8/4/21	9 Nov 21 13:44
6	24	1109M53.D	1	Ending CCV 300ug/L 11/9/21	IS&S 8/4/21	10 Nov 21 8:03

INORGANIC ANALYSIS
Calibration and Raw Data

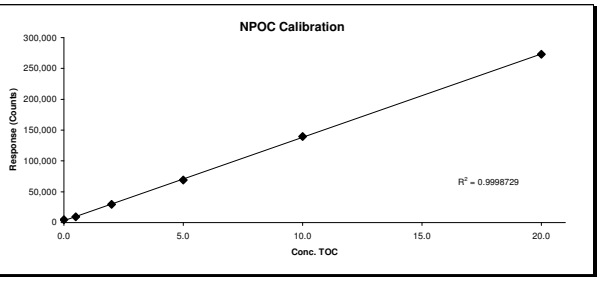
TOTAL ORGANIC CARBON

Method: WetChem | Units mg/L | Instrument: Tic Toc

Analyte: TOC | QCG: 211105A

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
2021-11-05	04:43 PM	QCB	1	3955	40mL	0.000	0	0.00	0.00		
2021-11-05	05:26 PM	211105A CCV 1	1	63165	40mL	0.000	4.387	4.39	0.00	5.00	87.7%
2021-11-05	06:08 PM	211105A CCB 1	1	2560	40mL	0.000	0	0.00	0.00		
2021-11-05	06:50 PM	211105A LCS	1	63683	40mL	0.000	4.535	4.54	0.02	5.00	90.7%
2021-11-05	07:32 PM	211105A LCSD	1	64482	40mL	0.000	4.594	4.59	0.10	5.00	91.9%
2021-11-05	08:13 PM	BA43145W05 DF5	5	59301	40mL	0.000	4.21	21.05	0.36		
2021-11-05	08:56 PM	BA43147W06 DF 5	5	51041	40mL	0.000	3.598	17.99	0.63		
2021-11-05	09:39 PM	BA44054W06	1	25518	40mL	0.000	1.707	1.71	0.01		
2021-11-05	10:20 PM	BA44667W01	1	25760	40mL	0.000	1.724	1.72	0.03		
2021-11-05	11:02 PM	BA45108W05	1	20599	40mL	0.000	1.343	1.34	0.11		
2021-11-05	11:45 PM	BA45110W06	1	45760	40mL	0.000	3.207	3.21	0.19		
2021-11-06	12:26 AM	BA45112W05	1	23232	40mL	0.000	1.538	1.54	0.16		
2021-11-06	01:08 AM	BA45114W05	1	7354	40mL	0.000	0.361	0.36	0.22		
2021-11-06	01:49 AM	BA45105W05	1	3477	40mL	0.000	0.074	0.07	0.05		
2021-11-06	02:31 AM	BA45100W05	1	3353	40mL	0.000	0.065	0.07	0.02		
2021-11-06	03:12 AM	211105A CCV 2	1	59423	40mL	0.000	4.11	4.11	0.04	5.00	82.2%
2021-11-06	03:55 AM	211105A CCB 2	1	1924	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