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

April 1, 2022

AECOM
1001 Bishop Street, Suite 1600
Honolulu, Hawaii 96813

Attn: Alethea Ramos

Title: Report of Data: Case 97221

Project: 60571032 CV18F0126 Red Hill Fuel Storage, HI

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

Dear Ms. Ramos:

Eight water samples were received August 20, 2021. Written results for the requested analyses are being provided on this April 1, 2022.

Revision: For the EPA 8015B analysis, standard tracibility logbook copies are included. For the EPA 8270D analysis, revised raw data for sample ERH1592 are included.

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 97221
TABLE OF CONTENTS

LABORATORY NAME: *APPL, Inc.*

CASE NARRATIVE

Case Narrative

ARF: 97221

Project: 60571032 CV18F0126 Red Hill Fuel Storage. HI

Sample Receipt Information:

Eight water samples were received August 20, 2021 at 3.1°C, and 10.1°C. The sample group was assigned Analytical Request Form (ARF) number 97221.

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 analyzed.

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

For the EPA 8270D SIM analysis, the sample was extracted according to EPA method 3520C.

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

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 SGC: In the silica gel cleaned 210823A-BLK, one surrogate recovers above the upper control limit.

In the silica gel cleaned 210823A-LCS/LSCD, Oil recovers above the upper control limit.

SDG	Received	Client ID	APPL ID	Collected DateTime	Matrix	Method	Method Description
97221	8/20/2021	ERH1591	BA38280	8/19/2021 9:58:00 AM	WATER	EPA 8260B	EPA 8260B BTEX WATER
97221	8/20/2021	ERH1591	BA38280	8/19/2021 9:58:00 AM	WATER	EPA 8260B	EPA 8260B GRO WATER
97221	8/20/2021	ERH1592	BA38281	8/19/2021 10:15:00 AM	WATER	EPA 8260B	EPA 8260B BTEX WATER
97221	8/20/2021	ERH1592	BA38281	8/19/2021 10:15:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH WATER L-L SGC
97221	8/20/2021	ERH1592	BA38281	8/19/2021 10:15:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ
97221	8/20/2021	ERH1592	BA38281	8/19/2021 10:15:00 AM	WATER	EPA 8260B	EPA 8260B GRO WATER
97221	8/20/2021	ERH1592	BA38281	8/19/2021 10:15:00 AM	WATER	8270D-SIM	EPA 8270D SIM LIQ-LIQ
97221	8/20/2021	ERH1593	BA38282	8/19/2021 11:25:00 AM	WATER	EPA 8260B	EPA 8260B BTEX WATER
97221	8/20/2021	ERH1593	BA38282	8/19/2021 11:25:00 AM	WATER	EPA 8260B	EPA 8260B GRO WATER
97221	8/20/2021	ERH1594	BA38283	8/19/2021 11:40:00 AM	WATER	EPA 8260B	EPA 8260B BTEX WATER
97221	8/20/2021	ERH1594	BA38283	8/19/2021 11:40:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH WATER L-L SGC
97221	8/20/2021	ERH1594	BA38283	8/19/2021 11:40:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ
97221	8/20/2021	ERH1594	BA38283	8/19/2021 11:40:00 AM	WATER	EPA 8260B	EPA 8260B GRO WATER
97221	8/20/2021	ERH1594	BA38283	8/19/2021 11:40:00 AM	WATER	8270D-SIM	EPA 8270D SIM LIQ-LIQ
97221	8/20/2021	ERH1595	BA38284	8/19/2021 12:25:00 PM	WATER	EPA 8260B	EPA 8260B BTEX WATER
97221	8/20/2021	ERH1595	BA38284	8/19/2021 12:25:00 PM	WATER	EPA 8260B	EPA 8260B GRO WATER
97221	8/20/2021	ERH1596	BA38285	8/19/2021 12:40:00 PM	WATER	EPA 8260B	EPA 8260B BTEX WATER
97221	8/20/2021	ERH1596	BA38285	8/19/2021 12:40:00 PM	WATER	EPA 8015B-eHL	EPA 8015B TPH WATER L-L SGC
97221	8/20/2021	ERH1596	BA38285	8/19/2021 12:40:00 PM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ
97221	8/20/2021	ERH1596	BA38285	8/19/2021 12:40:00 PM	WATER	EPA 8260B	EPA 8260B GRO WATER
97221	8/20/2021	ERH1596	BA38285	8/19/2021 12:40:00 PM	WATER	8270D-SIM	EPA 8270D SIM LIQ-LIQ
97221	8/20/2021	ERH1597	BA38286	8/19/2021 8:45:00 AM	WATER	EPA 8260B	EPA 8260B BTEX WATER
97221	8/20/2021	ERH1597	BA38286	8/19/2021 8:45:00 AM	WATER	EPA 8260B	EPA 8260B GRO WATER
97221	8/20/2021	ERH1598	BA38287	8/19/2021 8:50:00 AM	WATER	EPA 8260B	EPA 8260B BTEX WATER
97221	8/20/2021	ERH1598	BA38287	8/19/2021 8:50:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH WATER L-L SGC
97221	8/20/2021	ERH1598	BA38287	8/19/2021 8:50:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ
97221	8/20/2021	ERH1598	BA38287	8/19/2021 8:50:00 AM	WATER	EPA 8260B	EPA 8260B GRO WATER
97221	8/20/2021	ERH1598	BA38287	8/19/2021 8:50:00 AM	WATER	8270D-SIM	EPA 8270D SIM LIQ-LIQ
97221	8/20/2021	ERH1592 BLANK	BA38288	8/19/2021 10:15:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ
97221	8/20/2021	ERH1594 BLANK	BA38289	8/19/2021 11:40:00 AM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ
97221	8/20/2021	ERH1596 BLANK	BA38290	8/19/2021 12:40:00 PM	WATER	EPA 8015B-eHL	EPA 8015B TPH LIQ-LIQ
97221	8/20/2021	ERH1598 BLANK	BA38291	8/19/2021 8:50:00 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 97221

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** # **52642,52643**
RAD Screen (Y/N): **Y** pH (Y/N): **Y**
Turn Around Type: **1 WEEK**

Received by: **MSA**
Date Received: **08/20/21** Time: **10:15**
Delivered by: **FEDEX**
Shuttle Custody Seals (Y/N): **Y** Time Zone: **-10**
Chest Temp(s): **3.1,10.1°C**
Color: **VFRG/E-Brown**
Samples Chilled until Placed in Refrig/Freezer: **Y**
Project Manager: **Libby Cheesebor**
QC Report Type: **DVP4DOD/EQUIS/HI**
Due Date: **08/27/21**

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

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

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.	ERH1591	LCSD	BA38280W	08/19/21	09:58	$86BTOTXDOD5W, $GASBL, $GRO86BW -- See Comments
2.	ERH1592	LCSD	BA38281W	08/19/21	10:15	$86BTOTXDOD5W, $DOC53SGCW5LIQ, $DOC53W5LIQ, $GASBL, $GRO86BW, $SIM53LIQ51 -- See Comments
3.	ERH1593	LCSD	BA38282W	08/19/21	11:25	$86BTOTXDOD5W, $GASBL, $GRO86BW -- See Comments
4.	ERH1594	LCSD	BA38283W	08/19/21	11:40	$86BTOTXDOD5W, $DOC53SGCW5LIQ, $DOC53W5LIQ, $GASBL, $GRO86BW, $SIM53LIQ51 -- See Comments

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

5.	ERH1595	LCSD	BA38284W	08/19/21 12:25	$86BTOTXDOD5W, $GASBL, $GRO86BW -- See Comments
6.	ERH1596	LCSD	BA38285W	08/19/21 12:40	$86BTOTXDOD5W, $DOC53SGCW5LIQ, $DOC53W5LIQ, $GASBL, $GRO86BW, $SIM53LIQ51 -- See Comments
7.	ERH1597	LCSD	BA38286W	08/19/21 08:45	$86BTOTXDOD5W, $GASBL, $GRO86BW -- See Comments
8.	ERH1598	LCSD	BA38287W	08/19/21 08:50	$86BTOTXDOD5W, $DOC53SGCW5LIQ, $DOC53W5LIQ, $GASBL, $GRO86BW, $SIM53LIQ51 -- See Comments
9.	ERH1592 BLANK	LCSD	BA38288W	08/19/21 10:15	$RHBLKETBLK -- See Comments
10.	ERH1594 BLANK	LCSD	BA38289W	08/19/21 11:40	$RHBLKETBLK -- See Comments
11.	ERH1596 BLANK	LCSD	BA38290W	08/19/21 12:40	$RHBLKETBLK -- See Comments
12.	ERH1598 BLANK	LCSD	BA38291W	08/19/21 08:50	$RHBLKETBLK -- See Comments

APPL Sample Receipt Form

ARF# **97221**

Sample	Container Type	Count	p
BA38280	[13] VOAs - HCL	4	NA
BA38281	[13] VOAs - HCL	4	NA
	[17] Amber Liter	2	NA
	[39] Amber Liter, HCL prsvd	2	1.6
BA38282	[13] VOAs - HCL	4	NA
BA38283	[13] VOAs - HCL	4	NA
	[17] Amber Liter	2	NA
	[39] Amber Liter, HCL prsvd	2	1.6
BA38284	[13] VOAs - HCL	4	NA
BA38285	[13] VOAs - HCL	4	NA
	[17] Amber Liter	2	NA
	[39] Amber Liter, HCL prsvd	2	1.6
BA38286	[13] VOAs - HCL	4	NA
BA38287	[13] VOAs - HCL	4	NA
	[17] Amber Liter	2	NA
	[39] Amber Liter, HCL prsvd	2	1.6
BA38288	[39] Amber Liter, HCL prsvd	1	NA
BA38289	[39] Amber Liter, HCL prsvd	1	NA
BA38290	[39] Amber Liter, HCL prsvd	1	NA
BA38291	[39] Amber Liter, HCL prsvd	1	NA

Sample	Container Type	Count	p

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

97221

C.O.C. 52642

1/2

Report to: PLEASE PRINT

Company Name: ___ Phone: ___

Address: ___

AECOM
1001 Bishop St., Suite 1600
Honolulu, HI 96813
Attn: Alethea Ramos (808)521-3051
Alethea.Ramos@aecom.com
CV_18F0126 / 60571032

Attn: ___

Email: ___

Invoice to: PLEASE PRINT

Company Name: ___ Phone: ___

Address: ___

AECOM
1001 Bishop St., Suite 1600
Honolulu, HI 96813
Attn: Sheree Smith (808)521-3051
Sheree.Smith@aecom.com
USAImaging@aecom.com

Attn: ___

Email: ___

Project Name/Number: CV-18F0126 ~~CV-60571032~~

Purchase Order Number:

Sampler (Print): CMF NL DM

Sampler (Signature):

Date Shipped: 8/19/21

Carrier: Fed Ex

Waybill No.:

Comments:

Sample Identification	Location	Date Collected	Time Collected	Time Zone	No. of Containers	Matrix: Aq	Sed.	Soil	BTEX 8260	TPH-G 8260	TPH-DRO 8015	TPH-DRO SGC 8015	PAHs SIM 8270D SIM	
ERH1591	TripBlank	8/19/21	9:58	HST	4	X			X	X				
ERH1592	RHMW-01R		1015		8	X			X	X	X	X	X	
ERH1593	TripBlank		11:25		4	X			X	X				
ERH1594	RHMW-02		11:40		8	X			X	X	X	X	X	
ERH1595	TripBlank		12:25		0	X			X	X				
ERH1596	RHMW-03		12:40		0	X			X	X	X	X	X	
ERH1597	TripBlank		08:45		0	X			X	X				
ERH1598	RHSF		08:50		0	X							X	

TPH-DRO and PAHs need liquid-liquid extractions;
*naphthalene
1-methylnaphthalene
2-methylnaphthalene

CB 8/18/21

11 of 508

Shuttle Temperature: 12.0/10.1 R3 @ 5.0/3.9°C

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

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

Relinquished by sampler:	Date	Time	Received by:	Relinquished by:	Date	Time	Received by:
Relinquished by: Cindy Brownson	Date 8/19/21	Time 1530	Received by:	Relinquished by:	Date 8-20-21	Time 815	Received at lab by:

White: Return to client with report Yellow: Laboratory Copy See reverse side for Container Preservative and Sampling Information

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. 52643 2/2

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

Project Name/Number: 60571032 /CV_18F0126
Purchase Order Number:
Sampler (Print): CMF NL DM
Sampler (Signature):

Sample Identification	Location	Date Collected	Time Collected	Time Zone	No. of Containers	Matrix: Aq	Sed.	Soil	Analysis Requested/Method Number: BTEX 8260	TPH-G 8260	TPH-D/O 8015	TPH-D/O SGC 8015	PAHs Short List 8270D SIM
ERH1591	TripBlank	8/19/21	9:58	HST	0	X			X	X			
ERH1592	RHMW-01R		1015		0	X			X	X	X	X	X*
ERH1593	~~RHMW-02~~ TripBlank		11:25		0	X			X	X			
ERH1594	RHMW-02		11:40		0	X			X	X	X	X	X*
ERH1595	TripBlank		12:25		4	X			X	X			
ERH1596	RHMW-03		12:40		8	X			X	X	X	X	X*
ERH1597	TripBlank		08:45		4	X			X	X			
ERH1598	RHSF		08:50		8	X			X	X	X	X	X*
									CB 8/19/21				

Date Shipped: 8/19/21
Carrier: Fed Ex
Waybill No.:
Comments:

12 of 508

TPH-D/O and PAHs need Liquid-liquid extractions;
*naphthalene
1-methylnaphthalene
2-methylnaphthalene

Shuttle Temperature: R3C 12.0/10.1°C

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

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

Relinquished by sampler:	Date	Time	Received by:	Relinquished by:	Date	Time	Received by:
Relinquished by: Cindy Bowerson	8/19/21	1530			8-23-21	9:20	Received at lab by:

White: Return to client with report Yellow: Laboratory Copy See reverse side for Container Preservative and Sampling Information

COOLER RECEIPT FORM

ARF: 97221

1) Project: 60571032 CV18F0126 Red Hill Fuel Storage Date Received: 8/20/2021

2) Coolers: Number of Coolers: 2

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

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

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

6) ~~NO~~ / YES Were cooler temperatures acceptable?

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

8) Cooler temp(s): In °C. Thermometer Temp / Corrected Temp
1: 5.0/3.1 2: 12.0/10.1 3: _____ 4: _____ 5: _____ 6: _____
7: _____ 8: _____ 9: _____ 10: _____ 11: _____ 12: _____

Chain of custody:

9) YES Was a chain of custody received?

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

Sample Labels:

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

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

Sample Containers:

13) YES Were all containers sealed in separate bags?

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

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

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

17) Yes Were bubbles present in volatile samples?
If yes, the following were received with air bubbles:
Larger than a pea: _____
Smaller than a pea: BA38282W4, BA38286W3W4

Preservation Hold time:

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

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

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

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

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

23) NA If "yes", are the unpreserved VOA vials noted in the ADD TEST FIELD on the ARF?
pH strip lot number: HC029115
Lab notified if pH was not adequate: _____

Notes/Deficiencies:

2nd cooler arrived 8/23/21 at 9:20am.

CUSTODY SEAL
APPL, Inc. (559) 275-2175
Initials CB Date 8/18/21

Personnel receiving samples: MS Second reviewer: MS
Personnel labeling samples: DR
Project manager notified: MS Date/Time of notification 8/20/2021
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: 97221

Sample ID: ERH1592

APPL ID: BA38281

Sample Collection Date: 08/19/21

QCG: #DOC53-210823A-268200

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	08/23/21	09/19/21
EPA 8015B-e	OIL (C24-C40)	190 J	320	300.0	150.0	ug/L	08/23/21	09/19/21
EPA 8015B-e	SURROGATE: (R) DECANOIC ACID (S)	0.0	0-1			%	08/23/21	09/19/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	103	60-142			%	08/23/21	09/19/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	84.0	56-125			%	08/23/21	09/19/21

J = Estimated value.

Quant Method:	DOC0830.M
Run #:	916121
Instrument:	Apollo
Sequence:	210916
Dilution Factor:	1
Initials:	LA

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

EPA 8015B TPH LIQ-LIQ

AECOM
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Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1592

APPL ID: BA38281

Sample Collection Date: 08/19/21

QCG: #DOC53W5L-210823-26820

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8015B-e	DIESEL (C10-C24)	230 J	320	300.0	150.0	ug/L	08/23/21	09/03/21
EPA 8015B-e	OIL (C24-C40)	310 J	320	300.0	150.0	ug/L	08/23/21	09/03/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	84.7	60-142			%	08/23/21	09/03/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	66.0	56-125			%	08/23/21	09/03/21

J = Estimated value.

Quant Method:	DOC0830.M
Run #:	903017
Instrument:	APOLLO
Sequence:	210903
Dilution Factor:	1
Initials:	LA

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

EPA 8015B TPH WATER L-L SGC

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APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1594

APPL ID: BA38283

Sample Collection Date: 08/19/21

QCG: #DOC53-210823A-268200

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8015B-e	DIESEL (C10-C24)	340	320	300.0	150.0	ug/L	08/23/21	09/19/21
EPA 8015B-e	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	08/23/21	09/19/21
EPA 8015B-e	SURROGATE: (R) DECANOIC ACID (S)	0.0	0-1			%	08/23/21	09/19/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	133	60-142			%	08/23/21	09/19/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	107	56-125			%	08/23/21	09/19/21

Quant Method:	DOC0830.M
Run #:	916122
Instrument:	Apollo
Sequence:	210916
Dilution Factor:	1
Initials:	LA

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

EPA 8015B TPH LIQ-LIQ

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APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1594

APPL ID: BA38283

Sample Collection Date: 08/19/21

QCG: #DOC53W5L-210823-26820

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8015B-e	DIESEL (C10-C24)	3300	320	300.0	150.0	ug/L	08/23/21	09/03/21
EPA 8015B-e	OIL (C24-C40)	470	320	300.0	150.0	ug/L	08/23/21	09/03/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	117	60-142			%	08/23/21	09/03/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	94.5	56-125			%	08/23/21	09/03/21

Quant Method:	DOC0830.M
Run #:	903018
Instrument:	APOLLO
Sequence:	210903
Dilution Factor:	1
Initials:	LA

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

EPA 8015B TPH WATER L-L SGC

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APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1596

APPL ID: BA38285

Sample Collection Date: 08/19/21

QCG: #DOC53-210823A-268200

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	08/23/21	09/19/21
EPA 8015B-e	OIL (C24-C40)	190 J	320	300.0	150.0	ug/L	08/23/21	09/19/21
EPA 8015B-e	SURROGATE: (R) DECANOIC ACID (S)	0.0	0-1			%	08/23/21	09/19/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	85.4	60-142			%	08/23/21	09/19/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	68.1	56-125			%	08/23/21	09/19/21

J = Estimated value.

Quant Method:	DOC0830.M
Run #:	916123
Instrument:	Apollo
Sequence:	210916
Dilution Factor:	1
Initials:	LA

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

EPA 8015B TPH LIQ-LIQ

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908 North Temperance Avenue
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Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1596

APPL ID: BA38285

Sample Collection Date: 08/19/21

QCG: #DOC53W5L-210823-26820

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8015B-e	DIESEL (C10-C24)	270 J	320	300.0	150.0	ug/L	08/23/21	09/03/21
EPA 8015B-e	OIL (C24-C40)	520	320	300.0	150.0	ug/L	08/23/21	09/03/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	91.6	60-142			%	08/23/21	09/03/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	70.4	56-125			%	08/23/21	09/03/21

J = Estimated value.

Quant Method:	DOC0830.M
Run #:	903019
Instrument:	APOLLO
Sequence:	210903
Dilution Factor:	1
Initials:	LA

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

EPA 8015B TPH WATER L-L SGC

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908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1598

APPL ID: BA38287

Sample Collection Date: 08/19/21

QCG: #DOC53-210823A-268200

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	08/23/21	09/19/21
EPA 8015B-e	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	08/23/21	09/19/21
EPA 8015B-e	SURROGATE: (R) DECANOIC ACID (S)	0.0	0-1			%	08/23/21	09/19/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	91.9	60-142			%	08/23/21	09/19/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	76.8	56-125			%	08/23/21	09/19/21

Quant Method:	DOC0830.M
Run #:	916124
Instrument:	Apollo
Sequence:	210916
Dilution Factor:	1
Initials:	LA

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

EPA 8015B TPH LIQ-LIQ

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908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1598

APPL ID: BA38287

Sample Collection Date: 08/19/21

QCG: #DOC53W5L-210823-26820

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	08/23/21	09/03/21
EPA 8015B-e	OIL (C24-C40)	320	320	300.0	150.0	ug/L	08/23/21	09/03/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	109	60-142			%	08/23/21	09/03/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	85.1	56-125			%	08/23/21	09/03/21

Quant Method:	DOC0830.M
Run #:	903020
Instrument:	APOLLO
Sequence:	210903
Dilution Factor:	1
Initials:	LA

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

EPA 8015B TPH LIQ-LIQ

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Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1592 BLANK

APPL ID: BA38288

Sample Collection Date: 08/19/21

QCG: #RHBLK-210823A-268289

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8015B-e	DIESEL (C10-C24)	150 J	320	300.0	150.0	ug/L	08/23/21	08/28/21
EPA 8015B-e	OIL (C24-C40)	210 J	320	300.0	150.0	ug/L	08/23/21	08/28/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	104	60-142			%	08/23/21	08/28/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	84.6	56-125			%	08/23/21	08/28/21

J = Estimated value.

Quant Method:	DOC0823.M
Run #:	824211
Instrument:	Apollo
Sequence:	210824
Dilution Factor:	1
Initials:	KAB

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

EPA 8015B TPH LIQ-LIQ

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Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1594 BLANK

APPL ID: BA38289

Sample Collection Date: 08/19/21

QCG: #RHBLK-210823A-268289

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	08/23/21	08/28/21
EPA 8015B-e	OIL (C24-C40)	210 J	320	300.0	150.0	ug/L	08/23/21	08/28/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	101	60-142			%	08/23/21	08/28/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	90.9	56-125			%	08/23/21	08/28/21

J = Estimated value.

Quant Method:	DOC0823.M
Run #:	824213
Instrument:	Apollo
Sequence:	210824
Dilution Factor:	1
Initials:	KAB

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

EPA 8015B TPH LIQ-LIQ

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Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1596 BLANK

APPL ID: BA38290

Sample Collection Date: 08/19/21

QCG: #RHBLK-210823A-268289

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	08/23/21	08/28/21
EPA 8015B-e	OIL (C24-C40)	210 J	320	300.0	150.0	ug/L	08/23/21	08/28/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	101	60-142			%	08/23/21	08/28/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	86.9	56-125			%	08/23/21	08/28/21

J = Estimated value.

Quant Method:	DOC0823.M
Run #:	824214
Instrument:	Apollo
Sequence:	210824
Dilution Factor:	1
Initials:	KAB

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

EPA 8015B TPH LIQ-LIQ

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Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1598 BLANK

APPL ID: BA38291

Sample Collection Date: 08/19/21

QCG: #RHBLK-210823A-268289

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8015B-e	DIESEL (C10-C24)	150 J	320	300.0	150.0	ug/L	08/23/21	08/28/21
EPA 8015B-e	OIL (C24-C40)	220 J	320	300.0	150.0	ug/L	08/23/21	08/28/21
EPA 8015B-e	SURROGATE: OCTACOSANE (S)	104	60-142			%	08/23/21	08/28/21
EPA 8015B-e	SURROGATE: ORTHO-TERPHENYL (S)	94.9	56-125			%	08/23/21	08/28/21

J = Estimated value.

Quant Method:	DOC0823.M
Run #:	824215
Instrument:	Apollo
Sequence:	210824
Dilution Factor:	1
Initials:	KAB

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

EPA 8270D SIM LIQ-LIQ

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Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1592

APPL ID: BA38281

Sample Collection Date: 08/19/21

QCG: #SIM53-210823A-267386

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
8270D-SIM	1-METHYLNAPHTHALENE	0.19 J	0.2	0.10	0.04	ug/L	08/23/21	08/27/21
8270D-SIM	2-METHYLNAPHTHALENE	0.089 J	0.2	0.10	0.04	ug/L	08/23/21	08/27/21
8270D-SIM	NAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	08/23/21	08/27/21
8270D-SIM	SURROGATE: 2-METHYLNAPHTHALEN	84.5	39-114			%	08/23/21	08/27/21
8270D-SIM	SURROGATE: FLUORANTHENE-D10 (S	89.2	58-120			%	08/23/21	08/27/21

J = Estimated value.

Quant Method:	L0715.M
Run #:	0809L222
Instrument:	Linus
Sequence:	L210809
Dilution Factor:	1
Initials:	LSI

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

EPA 8270D SIM LIQ-LIQ

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Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1594

APPL ID: BA38283

Sample Collection Date: 08/19/21

QCG: #SIM53-210823A-267386

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
8270D-SIM	1-METHYLNAPHTHALENE	53	0.4	0.20	0.08	ug/L	08/23/21	08/27/21
8270D-SIM	2-METHYLNAPHTHALENE	49	0.4	0.20	0.08	ug/L	08/23/21	08/27/21
8270D-SIM	NAPHTHALENE	110	0.4	0.20	0.08	ug/L	08/23/21	08/27/21
8270D-SIM	SURROGATE: 2-METHYLNAPHTHALEN	101	39-114			%	08/23/21	08/27/21
8270D-SIM	SURROGATE: FLUORANTHENE-D10 (S	101	58-120			%	08/23/21	08/27/21

Quant Method: L0715.M
Run #: 0809L223
Instrument: Linus
Sequence: L210809
Dilution Factor: 2
Initials: LSI

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

EPA 8270D SIM LIQ-LIQ

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Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1596

APPL ID: BA38285

Sample Collection Date: 08/19/21

QCG: #SIM53-210823A-267386

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	08/23/21	08/27/21
8270D-SIM	2-METHYLNAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	08/23/21	08/27/21
8270D-SIM	NAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	08/23/21	08/27/21
8270D-SIM	SURROGATE: 2-METHYLNAPHTHALEN	91.0	39-114			%	08/23/21	08/27/21
8270D-SIM	SURROGATE: FLUORANTHENE-D10 (S	94.2	58-120			%	08/23/21	08/27/21

Quant Method:	L0715.M
Run #:	0809L224
Instrument:	Linus
Sequence:	L210809
Dilution Factor:	1
Initials:	LSI

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

EPA 8270D SIM LIQ-LIQ

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Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1598

APPL ID: BA38287

Sample Collection Date: 08/19/21

QCG: #SIM53-210823A-267386

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	08/23/21	08/27/21
8270D-SIM	2-METHYLNAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	08/23/21	08/27/21
8270D-SIM	NAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	08/23/21	08/27/21
8270D-SIM	SURROGATE: 2-METHYLNAPHTHALEN	79.1	39-114			%	08/23/21	08/27/21
8270D-SIM	SURROGATE: FLUORANTHENE-D10 (S	97.6	58-120			%	08/23/21	08/27/21

Quant Method:	L0715.M
Run #:	0809L225
Instrument:	Linus
Sequence:	L210809
Dilution Factor:	1
Initials:	LSI

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

EPA 8260B BTEX WATER

AECOM
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Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1591

APPL ID: BA38280

Sample Collection Date: 08/19/21

QCG: #86BTO-210827AM-268062

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	08/27/21	08/27/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	08/27/21	08/27/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	08/27/21	08/27/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	08/27/21	08/27/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	103	81-118			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	99.1	85-114			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	101	80-119			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	95.3	89-112			%	08/27/21	08/27/21

Quant Method:	MGAS0825.M
Run #:	0827M15
Instrument:	Max
Sequence:	210825
Dilution Factor:	1
Initials:	DA

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

EPA 8260B BTEX WATER

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Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1592

APPL ID: BA38281

Sample Collection Date: 08/19/21

QCG: #86BTO-210827AM-268062

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	08/27/21	08/27/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	08/27/21	08/27/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	08/27/21	08/27/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	08/27/21	08/27/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	110	81-118			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	103	85-114			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	101	80-119			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	97.0	89-112			%	08/27/21	08/27/21

Quant Method:	MGAS0825.M
Run #:	0827M16
Instrument:	Max
Sequence:	210825
Dilution Factor:	1
Initials:	DA

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

EPA 8260B BTEX WATER

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1593

APPL ID: BA38282

Sample Collection Date: 08/19/21

QCG: #86BTO-210827AM-268062

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	08/27/21	08/27/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	08/27/21	08/27/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	08/27/21	08/27/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	08/27/21	08/27/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	99.0	81-118			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	97.4	85-114			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	96.0	80-119			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	98.6	89-112			%	08/27/21	08/27/21

Quant Method:	MGAS0825.M
Run #:	0827M17
Instrument:	Max
Sequence:	210825
Dilution Factor:	1
Initials:	DA

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

EPA 8260B BTEX WATER

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1594

APPL ID: BA38283

Sample Collection Date: 08/19/21

QCG: #86BTO-210827AM-268062

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	08/27/21	08/27/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	08/27/21	08/27/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	08/27/21	08/27/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	08/27/21	08/27/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	105	81-118			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	95.1	85-114			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	99.2	80-119			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	96.7	89-112			%	08/27/21	08/27/21

Quant Method:	MGAS0825.M
Run #:	0827M18
Instrument:	Max
Sequence:	210825
Dilution Factor:	1
Initials:	DA

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

EPA 8260B BTEX WATER

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1595

APPL ID: BA38284

Sample Collection Date: 08/19/21

QCG: #86BTO-210827AM-268062

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	08/27/21	08/27/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	08/27/21	08/27/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	08/27/21	08/27/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	08/27/21	08/27/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	101	81-118			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	95.0	85-114			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	102	80-119			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	95.2	89-112			%	08/27/21	08/27/21

Quant Method:	M0825SUR.M
Run #:	0827M19
Instrument:	Max
Sequence:	210825
Dilution Factor:	1
Initials:	DA

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

EPA 8260B BTEX WATER

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1596

APPL ID: BA38285

Sample Collection Date: 08/19/21

QCG: #86BTO-210827AM-268062

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	08/27/21	08/27/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	08/27/21	08/27/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	08/27/21	08/27/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	08/27/21	08/27/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	111	81-118			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	95.8	85-114			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	103	80-119			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	94.9	89-112			%	08/27/21	08/27/21

Quant Method:	MGAS0825.M
Run #:	0827M20
Instrument:	Max
Sequence:	210825
Dilution Factor:	1
Initials:	DA

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

EPA 8260B BTEX WATER

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1597

APPL ID: BA38286

Sample Collection Date: 08/19/21

QCG: #86BTO-210827AM-268062

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	08/27/21	08/27/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	08/27/21	08/27/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	08/27/21	08/27/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	08/27/21	08/27/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	96.7	81-118			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	95.2	85-114			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	95.8	80-119			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	96.1	89-112			%	08/27/21	08/27/21

Quant Method:	M0825W.M
Run #:	0827M21
Instrument:	Max
Sequence:	210825
Dilution Factor:	1
Initials:	DA

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

EPA 8260B BTEX WATER

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1598

APPL ID: BA38287

Sample Collection Date: 08/19/21

QCG: #86BTO-210827AM-268062

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	08/27/21	08/27/21
EPA 8260B	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	08/27/21	08/27/21
EPA 8260B	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	08/27/21	08/27/21
EPA 8260B	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	08/27/21	08/27/21
EPA 8260B	SURROGATE: 1,2-DICHLOROETHANE-	105	81-118			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	101	85-114			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: DIBROMOFLUOROMETH	101	80-119			%	08/27/21	08/27/21
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	95.9	89-112			%	08/27/21	08/27/21

Quant Method:	MGAS0825.M
Run #:	0827M22
Instrument:	Max
Sequence:	210825
Dilution Factor:	1
Initials:	DA

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

EPA 8260B GRO WATER

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1591

APPL ID: BA38280

Sample Collection Date: 08/19/21

QCG: #GRO86-210827AM-268125

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	08/27/21	08/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	99.1	85-114			%	08/27/21	08/27/21

Quant Method:	MGAS0825.M
Run #:	0827M15
Instrument:	Max
Sequence:	210825
Dilution Factor:	1
Initials:	LPO

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

EPA 8260B GRO WATER

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1592

APPL ID: BA38281

Sample Collection Date: 08/19/21

QCG: #GRO86-210827AM-268125

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	08/27/21	08/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	103	85-114			%	08/27/21	08/27/21

Quant Method:	MGAS0825.M
Run #:	0827M16
Instrument:	Max
Sequence:	210825
Dilution Factor:	1
Initials:	LPO

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

EPA 8260B GRO WATER

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

ARF: 97221

Sample ID: ERH1593

APPL ID: BA38282

Sample Collection Date: 08/19/21

QCG: #GRO86-210827AM-268125

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	08/27/21	08/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	97.4	85-114			%	08/27/21	08/27/21

Quant Method:	MGAS0825.M
Run #:	0827M17
Instrument:	Max
Sequence:	210825
Dilution Factor:	1
Initials:	LPO

Printed: 9/22/2021 8:41:32 AM

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

EPA 8260B GRO WATER

AECOM
1001 Bishop Street, Suite 1600
Honolulu, HI 96813

Attn: Alethea Ramos

Project: 60571032 CV18F0126 Red Hill Fuel Storage

Sample ID: ERH1594

Sample Collection Date: 08/19/21

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 97221

APPL ID: BA38283

QCG: #GRO86-210827AM-268125

Method	Analyte	Result	LOQ	LOD	DL	Units	Extraction Date	Analysis Date
EPA 8260B	GASOLINE RANGE ORGANICS	85 ++	20	18.0	8.6	ug/L	08/27/21	08/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	95.1	85-114			%	08/27/21	08/27/21

++(G3) The analyst has noted that the chromatogram of this sample includes higher boiling hydrocarbons.

Quant Method:	MGAS0825.M
Run #:	0827M18
Instrument:	Max
Sequence:	210825
Dilution Factor:	1
Initials:	LPO

Printed: 9/22/2021 8:41:32 AM
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: 97221

Sample ID: ERH1595

APPL ID: BA38284

Sample Collection Date: 08/19/21

QCG: #GRO86-210827AM-268125

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	08/27/21	08/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	95.0	85-114			%	08/27/21	08/27/21

Quant Method:	MGAS0825.M
Run #:	0827M19
Instrument:	Max
Sequence:	210825
Dilution Factor:	1
Initials:	LPO

Printed: 9/22/2021 8:41:32 AM

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: 97221

Sample ID: ERH1596

APPL ID: BA38285

Sample Collection Date: 08/19/21

QCG: #GRO86-210827AM-268125

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	08/27/21	08/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	95.8	85-114			%	08/27/21	08/27/21

Quant Method:	MGAS0825.M
Run #:	0827M20
Instrument:	Max
Sequence:	210825
Dilution Factor:	1
Initials:	LPO

Printed: 9/22/2021 8:41:32 AM

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: 97221

Sample ID: ERH1597

APPL ID: BA38286

Sample Collection Date: 08/19/21

QCG: #GRO86-210827AM-268125

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	08/27/21	08/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	95.2	85-114			%	08/27/21	08/27/21

Quant Method:	MGAS0825.M
Run #:	0827M21
Instrument:	Max
Sequence:	210825
Dilution Factor:	1
Initials:	LPO

Printed: 9/22/2021 8:41:32 AM

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: 97221

Sample ID: ERH1598

APPL ID: BA38287

Sample Collection Date: 08/19/21

QCG: #GRO86-210827AM-268125

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	08/27/21	08/27/21
EPA 8260B	SURROGATE: 4-BROMOFLUOROBENZ	101	85-114			%	08/27/21	08/27/21

Quant Method:	MGAS0825.M
Run #:	0827M22
Instrument:	Max
Sequence:	210825
Dilution Factor:	1
Initials:	LPO

Printed: 9/22/2021 8:41:32 AM

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

QC FORMS

EPA 8015B-eHL

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97221

Case No: 97221 Date Analyzed: 9/18/2021

Matrix: WATER Instrument: Apollo

APPL ID.	Client Sample No.	SURROGATE: (R) DECANOIC ACID (S)			SURROGATE: OCTACOSANE (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
210823A-BLK	Blank	0-1	0.0		60-142	144	#
210823A-LCS	Lab Control Spike	0-1	0.0		60-142	122	
210823A-LCSD	Lab Control SpikeD	0-1	0.0		60-142	128	
BA38281	ERH1592	0-1	0.0		60-142	103	
BA38283	ERH1594	0-1	0.0		60-142	133	
BA38285	ERH1596	0-1	0.0		60-142	85.4	
BA38287	ERH1598	0-1	0.0		60-142	91.9	

Comments: Batch: #DOC53-210823A

= Recovery outside of Control Limits on Sample.

EPA 8015B-eHL

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97221

Case No: 97221 Date Analyzed: 9/18/2021

Matrix: WATER Instrument: Apollo

APPL ID.	Client Sample No.	SURROGATE: ORTHO-TERPHENYL (S)					
		Limits	Result	Qualifier	Limits	Result	Qualifier
210823A-BLK	Blank	56-125	117				
210823A-LCS	Lab Control Spike	56-125	110				
210823A-LCSD	Lab Control SpikeD	56-125	112				
BA38281	ERH1592	56-125	84.0				
BA38283	ERH1594	56-125	107				
BA38285	ERH1596	56-125	68.1				
BA38287	ERH1598	56-125	76.8				

Comments: Batch: #DOC53-210823A

EPA 8015B-eHL

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97221

Case No: 97221 Date Analyzed: 9/1/2021

Matrix: WATER Instrument: APOLLO

APPL ID.	Client Sample No.	SURROGATE: OCTACOSANE (S)			SURROGATE: ORTHO-TERPHENYL (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
210823-BLK	Blank	60-142	107		56-125	85.9	
210823-LCS	Lab Control Spike	60-142	115		56-125	102	
BA38281	ERH1592	60-142	84.7		56-125	66.0	
BA38283	ERH1594	60-142	117		56-125	94.5	
BA38285	ERH1596	60-142	91.6		56-125	70.4	
BA38287	ERH1598	60-142	109		56-125	85.1	
210823-LCSD	Lab Control SpikeD	60-142	94.7		56-125	94.0	

Comments: Batch: #DOC53W5L-2108

EPA 8015B-eHL

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97221

Case No: 97221 Date Analyzed: 8/28/2021

Matrix: WATER Instrument: Apollo

APPL ID.	Client Sample No.	SURROGATE: OCTACOSANE (S)			SURROGATE: ORTHO-TERPHENYL (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
210823A-BLK	Blank	60-142	101		56-125	85.0	
210823A-LCS	Lab Control Spike	60-142	107		56-125	97.3	
210823A-LCSD	Lab Control SpikeD	60-142	100		56-125	82.7	
BA38288	ERH1592 BLANK	60-142	104		56-125	84.6	
BA38289	ERH1594 BLANK	60-142	101		56-125	90.9	
BA38290	ERH1596 BLANK	60-142	101		56-125	86.9	
BA38291	ERH1598 BLANK	60-142	104		56-125	94.9	

Comments: Batch: #RHBLK-210823A

EPA 8015B-eH

Form 4

Blank Summary

Lab Name: APPL, Inc. SDG No: 97221

Case No: 97221 Date Analyzed: 9/18/2021

Matrix: WATER Instrument: Apollo

Blank ID: 210823A-BLK Time Analyzed: 2128

APPL ID.	Client Sample No.	File ID.	Date Analyzed
210823A-BLK	Blank	916115	9/18/2021 2128
210823A-LCS	Lab Control Spike	916116	9/18/2021 2157
210823A-LCSD	Lab Control SpikeD	916117	9/18/2021 2225
BA38281	ERH1592	916121	9/19/2021 0019
BA38283	ERH1594	916122	9/19/2021 0047
BA38285	ERH1596	916123	9/19/2021 0116
BA38287	ERH1598	916124	9/19/2021 0144

Comments: Batch: #DOC53-210823A

EPA 8015B-eH

Form 4

Blank Summary

Lab Name: APPL, Inc. SDG No: 97221

Case No: 97221 Date Analyzed: 9/1/2021

Matrix: WATER Instrument: APOLLO

Blank ID: 210823-BLK Time Analyzed: 1732

APPL ID.	Client Sample No.	File ID.	Date Analyzed
210823-BLK	Blank	830110	9/1/2021 1732
210823-LCS	Lab Control Spike	830111	9/1/2021 1801
BA38281	ERH1592	903017	9/3/2021 1747
BA38283	ERH1594	903018	9/3/2021 1815
BA38285	ERH1596	903019	9/3/2021 1843
BA38287	ERH1598	903020	9/3/2021 1912
210823-LCSD	Lab Control SpikeD	907101	9/9/2021 1135

Comments: Batch: #DOC53W5L-2108

EPA 8015B-eH

Form 4

Blank Summary

Lab Name: APPL, Inc. SDG No: 97221

Case No: 97221 Date Analyzed: 8/28/2021

Matrix: WATER Instrument: Apollo

Blank ID: 210823A-BLK Time Analyzed: 1859

APPL ID.	Client Sample No.	File ID.	Date Analyzed
210823A-BLK	Blank	824207	8/28/2021 1859
210823A-LCS	Lab Control Spike	824208	8/28/2021 1928
210823A-LCSD	Lab Control SpikeD	824209	8/28/2021 1957
BA38288	ERH1592 BLANK	824211	8/28/2021 2054
BA38289	ERH1594 BLANK	824213	8/28/2021 2151
BA38290	ERH1596 BLANK	824214	8/28/2021 2220
BA38291	ERH1598 BLANK	824215	8/28/2021 2249

Comments: Batch: #RHBLK-210823A

Method Blank
EPA 8015B TPH WATER L-L SGC

Blank Name/QCG: **210823W-38281 - 268200**
Batch ID: #DOC53-210823A

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	8/23/2021	9/18/2021
BLANK	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	8/23/2021	9/18/2021
BLANK	SURROGATE: (R) DECANOIC AC	0.0	0-1			%	8/23/2021	9/18/2021
BLANK	SURROGATE: OCTACOSANE (S)	144 #	60-142			%	8/23/2021	9/18/2021
BLANK	SURROGATE: ORTHO-TERPHEN	117	56-125			%	8/23/2021	9/18/2021

= Recovery (or RPD) is outside QC limits.

Quant Method: DOC0830.M
Run #: 916115
Instrument: Apollo
Sequence: 210916
Initials: LA

GC SC-Blank-REG MDLs-DOD
Printed: 9/26/2021 10:09:51 AM

Method Blank
EPA 8015B TPH LIQ-LIQ

Blank Name/QCG: **210823W-38281 - 268208**
Batch ID: #DOC53W5L-210823

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	8/23/2021	9/1/2021
BLANK	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	8/23/2021	9/1/2021
BLANK	SURROGATE: OCTACOSANE (S)	107	60-142			%	8/23/2021	9/1/2021
BLANK	SURROGATE: ORTHO-TERPHEN	85.9	56-125			%	8/23/2021	9/1/2021

Quant Method: DOC0830.M
Run #: 830110
Instrument: APOLLO
Sequence: 210830
Initials: LA

GC SC-Blank-REG MDLs-DOD
Printed: 9/26/2021 10:09:51 AM

Method Blank
EPA 8015B TPH LIQ-LIQ

Blank Name/QCG: **210823W-38288 - 268289**
Batch ID: #RHBLK-210823A

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	8/23/2021	8/28/2021
BLANK	OIL (C24-C40)	300.0 U	320	300.0	150.0	ug/L	8/23/2021	8/28/2021
BLANK	SURROGATE: OCTACOSANE (S)	101	60-142			%	8/23/2021	8/28/2021
BLANK	SURROGATE: ORTHO-TERPHEN	85.0	56-125			%	8/23/2021	8/28/2021

Quant Method: DOC0823.M
Run #: 824207
Instrument: Apollo
Sequence: 210824
Initials: KAB

GC SC-Blank-REG MDLs-DOD
Printed: 9/26/2021 10:09:51 AM

EPA 8015B-eH

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	97221
Case No:	97221	Date Analyzed:	9/18/2021
Matrix:	WATER	Instrument:	Apollo
LCS ID:	210823A-LCS	Time Analyzed:	2157

APPL ID.	Client Sample No.	File ID.	Date Analyzed
210823A-BLK	Blank	916115	9/18/2021 2128
210823A-LCS	Lab Control Spike	916116	9/18/2021 2157
210823A-LCSD	Lab Control SpikeD	916117	9/18/2021 2225
BA38281	ERH1592	916121	9/19/2021 0019
BA38283	ERH1594	916122	9/19/2021 0047
BA38285	ERH1596	916123	9/19/2021 0116
BA38287	ERH1598	916124	9/19/2021 0144

Comments: Batch: #DOC53-210823A

EPA 8015B-eH

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	97221
Case No:	97221	Date Analyzed:	9/1/2021
Matrix:	WATER	Instrument:	APOLLO
LCS ID:	210823-LCS	Time Analyzed:	1801

APPL ID.	Client Sample No.	File ID.	Date Analyzed
210823-BLK	Blank	830110	9/1/2021 1732
210823-LCS	Lab Control Spike	830111	9/1/2021 1801
BA38281	ERH1592	903017	9/3/2021 1747
BA38283	ERH1594	903018	9/3/2021 1815
BA38285	ERH1596	903019	9/3/2021 1843
BA38287	ERH1598	903020	9/3/2021 1912
210823-LCSD	Lab Control SpikeD	907101	9/9/2021 1135

Comments: Batch: #DOC53W5L-2108

EPA 8015B-eH

Form 4

LCS Summary

Lab Name: APPL, Inc. SDG No: 97221

Case No: 97221 Date Analyzed: 8/28/2021

Matrix: WATER Instrument: Apollo

LCS ID: 210823A-LCS Time Analyzed: 1928

APPL ID.	Client Sample No.	File ID.	Date Analyzed
210823A-BLK	Blank	824207	8/28/2021 1859
210823A-LCS	Lab Control Spike	824208	8/28/2021 1928
210823A-LCSD	Lab Control SpikeD	824209	8/28/2021 1957
BA38288	ERH1592 BLANK	824211	8/28/2021 2054
BA38289	ERH1594 BLANK	824213	8/28/2021 2151
BA38290	ERH1596 BLANK	824214	8/28/2021 2220
BA38291	ERH1598 BLANK	824215	8/28/2021 2249

Comments: Batch: #RHBLK-210823A

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

APPL ID: **210823W-38281 LCS - 268200**
Batch ID: #DOC53-210823A

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	1920	1960	96.0	98.0	36-132	2.1	30
OIL (C24-C40)	2000	2340	2510	117 #	126 #	41-113	7.0	30
SURROGATE: (R) DECANOIC ACID (S)	10.00	0	0	0.0	0.0	0-1		
SURROGATE: OCTACOSANE (S)	150	183	192	122	128	60-142		
SURROGATE: ORTHO-TERPHENYL (S)	150	165	168	110	112	56-125		

= Recovery is outside QC limits.

Comments:

Primary	SPK	DUP
Quant Method :	DOC0830.M	DOC0830.M
Extraction Date :	8/23/2021	8/23/2021
Analysis Date :	9/18/2021	9/18/2021
Instrument :	Apollo	Apollo
Run :	916116	916117
Initials :	LA	

Laboratory Control Spike Recoveries
EPA 8015B TPH LIQ-LIQ

APPL ID: **210823W-38281 LCS - 268208**
Batch ID: #DOC53W5L-210823

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
DIESEL (C10-C24)	2000	2090	2030	105	102	36-132	2.9	30
OIL (C24-C40)	2000	2210	1840	111	92.0	41-113	18.3	30
SURROGATE: OCTACOSANE (S)	150	173	142	115	94.7	60-142		
SURROGATE: ORTHO-TERPHENYL (S)	150	153	141	102	94.0	56-125		

Comments:

Primary	SPK	DUP
Quant Method :	DOC0830.M	DOC0830.M
Extraction Date :	8/23/2021	8/23/2021
Analysis Date :	9/1/2021	9/9/2021
Instrument :	APOLLO	APOLLO
Run :	830111	907101
Initials :	LA	

Laboratory Control Spike Recoveries
EPA 8015B TPH LIQ-LIQ

APPL ID: **210823W-38288 LCS - 268289**
Batch ID: #RHBLK-210823A

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	173	134	NA	NA	36-132		30
OIL (C24-C40)	0	277	198	NA	NA	41-113		30
SURROGATE: OCTACOSANE (S)	150	160	150	107	100	60-142		
SURROGATE: ORTHO-TERPHENYL (S)	150	146	124	97.3	82.7	56-125		

Comments:

Primary	SPK	DUP
Quant Method :	DOC0823.M	DOC0823.M
Extraction Date :	8/23/2021	8/23/2021
Analysis Date :	8/28/2021	8/28/2021
Instrument :	Apollo	Apollo
Run :	824208	824209
Initials :	KAB	

8270D-SIM

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97221

Case No: 97221 Date Analyzed: 8/27/2021

Matrix: WATER Instrument: Linus

APPL ID.	Client Sample No.	SURROGATE: 2-METHYLNAPHTHALENE-D10 (S)			SURROGATE: FLUORANTHENE-D10 (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
210823A-BLK	Blank	39-114	94.7		58-120	113	
210823A-LCS	Lab Control Spike	39-114	88.0		58-120	106	
BA38281	ERH1592	39-114	84.5		58-120	89.2	
BA38283	ERH1594	39-114	101		58-120	101	
BA38285	ERH1596	39-114	91.0		58-120	94.2	
BA38287	ERH1598	39-114	79.1		58-120	97.6	
210823A-LCSD	Lab Control SpikeD	39-114	89.4		58-120	107	

Comments: Batch: #SIM53-210823A

8270D-SIM

Form 4

Blank Summary

Lab Name: APPL, Inc. SDG No: 97221

Case No: 97221 Date Analyzed: 8/27/2021

Matrix: WATER Instrument: Linus

Blank ID: 210823A-BLK Time Analyzed: 1134

APPL ID.	Client Sample No.	File ID.	Date Analyzed
210823A-BLK	Blank	0809L219	8/27/2021 1134
210823A-LCS	Lab Control Spike	0809L220	8/27/2021 1156
BA38281	ERH1592	0809L222	8/27/2021 1240
BA38283	ERH1594	0809L223	8/27/2021 1303
BA38285	ERH1596	0809L224	8/27/2021 1325
BA38287	ERH1598	0809L225	8/27/2021 1347
210823A-LCSD	Lab Control SpikeD	0809L226	8/27/2021 1409

Comments: Batch: #SIM53-210823A

Method Blank
EPA 8270D SIM LIQ-LIQ

APPL Inc.
908 North Temperance Avenu
Clovis, CA 93611

Blank Name/QCG: **210823W-38281 - 267386**
Batch ID: #SIM53-210823A

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	8/23/2021	8/27/2021
BLANK	2-METHYLNAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	8/23/2021	8/27/2021
BLANK	NAPHTHALENE	0.10 U	0.2	0.10	0.04	ug/L	8/23/2021	8/27/2021
BLANK	SURROGATE: 2-METHYLNAPHT	94.7	39-114			%	8/23/2021	8/27/2021
BLANK	SURROGATE: FLUORANTHENE-	113	58-120			%	8/23/2021	8/27/2021

Quant Method:L0715.M
Run #:0809L219
Instrument:Linus
Sequence:L210809
Initials:LSI

GC SC-Blank-REG MDLs-DOD
Printed: 8/27/2021 2:53:05 PM

8270D-SIM

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	97221
Case No:	97221	Date Analyzed:	8/27/2021
Matrix:	WATER	Instrument:	Linus
LCS ID:	210823A-LCS	Time Analyzed:	1156

APPL ID.	Client Sample No.	File ID.	Date Analyzed
210823A-BLK	Blank	0809L219	8/27/2021 1134
210823A-LCS	Lab Control Spike	0809L220	8/27/2021 1156
BA38281	ERH1592	0809L222	8/27/2021 1240
BA38283	ERH1594	0809L223	8/27/2021 1303
BA38285	ERH1596	0809L224	8/27/2021 1325
BA38287	ERH1598	0809L225	8/27/2021 1347
210823A-LCSD	Lab Control SpikeD	0809L226	8/27/2021 1409

Comments: Batch: #SIM53-210823A

Laboratory Control Spike Recoveries
EPA 8270D SIM LIQ-LIQ

APPL ID: **210823W-38281 LCS - 267386**
Batch ID: #SIM53-210823A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
1-METHYLNAPHTHALENE	5.00	4.52	4.82	90.4	96.4	41-115	6.4	20
2-METHYLNAPHTHALENE	5.00	4.56	4.88	91.2	97.6	39-114	6.8	20
NAPHTHALENE	5.00	4.47	4.74	89.4	94.8	43-114	5.9	20
SURROGATE: 2-METHYLNAPHTHALEN	5.00	4.40	4.47	88.0	89.4	39-114		
SURROGATE: FLUORANTHENE-D10 (S)	5.00	5.32	5.34	106	107	58-120		

Comments:

Primary	SPK	DUP
Quant Method :	L0715.M	L0715.M
Extraction Date :	8/23/2021	8/23/2021
Analysis Date :	8/27/2021	8/27/2021
Instrument :	Linus	Linus
Run :	0809L220	0809L226
Initials :	LSI	

Form 5
Tune Summary

Lab Name: APPL Inc. SDG No:
Case No: Date Analyzed: 7/15/2021
Matrix: Water Instrument: Linus
ID: 0715L003.D Time Analyzed: 8:48

	Client Sample No.	APPL ID.	File ID.	Date Analyzed
1		0.1 SIM 07/08/21	0715L004.D	7/15/2021 9:04
2		0.2 SIM 07/08/21	0715L005.D	7/15/2021 9:26
3		0.5 SIM 07/08/21	0715L006.D	7/15/2021 9:48
4		1 SIM 07/08/21	0715L007.D	7/15/2021 10:10
5		5 SIM 07/08/21	0715L008.D	7/15/2021 10:32
6		10 SIM 07/08/21	0715L009.D	7/15/2021 10:55
7		50 SIM 07/08/21	0715L010.D	7/15/2021 11:17
8		100 SIM 07/08/21	0715L011.D	7/15/2021 11:39
9		SS SIM 07/08/21	0715L012.D	7/15/2021 12:01
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				

m/e		
51	9.95 - 80.1% of mass 198	59.2
68	0 - 2.05% of mass 69	0.0
70	0 - 2% of mass 69	0.5
127	10 - 80% of mass 198	61.7
197	0 - 2% of mass 198	0.0
198	100 - 100% of mass 198	100.0
199	5 - 9% of mass 198	6.6
275	10 - 60% of mass 198	20.7
365	1 - 100% of mass 198	3.2
441	0.01 - 24% of mass 442	17.9
442	50 - 500% of mass 198	56.6
443	15 - 24% of mass 442	19.1

Form 5
Tune Summary

Lab Name: APPL Inc. SDG No: 97221
Case No: 97221 Date Analyzed: 8/27/2021
Matrix: Water Instrument: Linus
ID: 0809L217.D Time Analyzed: 10:51

	Client Sample No.	APPL ID.	File ID.	Date Analyzed
1		5 SIM 07/08/21 (2)	0809L218.D	8/27/2021 11:07
2	Blank	210823A BLK 1/1000	0809L219.D	8/27/2021 11:34
3	Lab Control Spike	210823A LCS-2 1/1000	0809L220.D	8/27/2021 11:56
4	ERH1592	BA38281W05 1/850	0809L222.D	8/27/2021 12:40
5	ERH1594	BA38283W06 1/850 DF2	0809L223.D	8/27/2021 13:03
6	ERH1596	BA38285W05 1/850	0809L224.D	8/27/2021 13:25
7	ERH1598	BA38287W06 1/850	0809L225.D	8/27/2021 13:47
8	Lab Control SpikeD	210823A LCSD-2 1/100	0809L226.D	8/27/2021 14:09
9		5 SIM 07/08/21 (4)	0809L227.D	8/27/2021 15:08
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				

m/e		
51	9.95 - 80.1% of mass 198	60.4
68	0 - 2.05% of mass 69	0.0
70	0 - 2% of mass 69	0.8
127	10 - 80% of mass 198	60.4
197	0 - 2% of mass 198	0.0
198	100 - 100% of mass 198	100.0
199	5 - 9% of mass 198	6.5
275	10 - 60% of mass 198	18.5
365	1 - 100% of mass 198	2.5
441	0.01 - 24% of mass 442	19.5
442	50 - 500% of mass 198	52.6
443	15 - 24% of mass 442	19.9

8A
INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: APPL Inc. Contract:

Lab Code: SDG No.:

Lab File ID (Standard): 0809L218.D Date Analyzed: 08/27/21

Instrument ID: Linus Time Analyzed: 11:07

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	57540	4.01	27083	6.01	43826	7.73
	UPPER LIMIT	115080	4.18	54166	6.18	87652	7.90
	LOWER LIMIT	28770	3.84	13542	5.84	21913	7.56
	SAMPLE NO.						
01	210823A BLK 1/1000	33028	4.02	15968	6.01	25416	7.73
02	210823A LCS-2 1/1000	32904	4.01	16087	6.01	26066	7.73
03	BA38281W05 1/850	32102	4.02	11664 *	6.01	25210	7.73
04	BA38283W06 1/850 DF2	32747	4.01	17280	6.01	28526	7.73
05	BA38285W05 1/850	33243	4.02	14417	6.01	25474	7.73
06	BA38287W06 1/850	33091	4.02	16129	6.01	26092	7.73
07	210823A LCSD-2 1/100	32927	4.01	15995	6.01	25929	7.73
08	5 SIM 07/08/21 (4)	54705	4.02	25614	6.01	40165	7.74
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 are not target

8A
INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: APPL Inc. Contract:

Lab Code: SDG No.:

Lab File ID (Standard): 0809L218.D Date Analyzed: 08/27/21

Instrument ID: Linus Time Analyzed: 11:07

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

		Chrysene-D12(IS)		Perylene-D12(IS)			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	64936	10.81	59061	13.17		
	UPPER LIMIT	129872	10.98	118122	13.34		
	LOWER LIMIT	32468	10.64	29531	13.00		
	SAMPLE NO.						
01	210823A BLK 1/1000	40254	10.81	34097	13.17		
02	210823A LCS-2 1/1000	41159	10.81	35558	13.17		
03	BA38281W05 1/850	36761	10.81	1526 *	13.18		
04	BA38283W06 1/850 DF2	44097	10.81	23654 *	13.17		
05	BA38285W05 1/850	38793	10.81	7551 *	13.18		
06	BA38287W06 1/850	42037	10.81	37258	13.17		
07	210823A LCSD-2 1/100	40921	10.81	36809	13.17		
08	5 SIM 07/08/21 (4)	62263	10.82	56212	13.18		
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 are not target

EPA 8260B

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97221

Case No: 97221 Date Analyzed: 8/27/2021

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
210827AM-LCS	Lab Control Spike	81-118	104		85-114	98.8	
210827AM-LCSD	Lab Control SpikeD	81-118	103		85-114	96.8	
210827AM-BLK	Blank	81-118	99.4		85-114	102	
BA38280	ERH1591	81-118	103		85-114	99.1	
BA38281	ERH1592	81-118	110		85-114	103	
BA38282	ERH1593	81-118	99.0		85-114	97.4	
BA38283	ERH1594	81-118	105		85-114	95.1	
BA38284	ERH1595	81-118	101		85-114	95.0	
BA38285	ERH1596	81-118	111		85-114	95.8	
BA38286	ERH1597	81-118	96.7		85-114	95.2	
BA38287	ERH1598	81-118	105		85-114	101	

Comments: Batch: #86BTO-210827AM

EPA 8260B

Form 2 & 8

Surrogate Recovery

Lab Name: APPL, Inc. SDG No: 97221

Case No: 97221 Date Analyzed: 8/27/2021

Matrix: WATER Instrument: Max

APPL ID.	Client Sample No.	SURROGATE: DIBROMOFLUOROMETHANE (S)			SURROGATE: TOLUENE-D8 (S)		
		Limits	Result	Qualifier	Limits	Result	Qualifier
210827AM-LCS	Lab Control Spike	80-119	99.6		89-112	98.4	
210827AM-LCSD	Lab Control SpikeD	80-119	100		89-112	92.8	
210827AM-BLK	Blank	80-119	98.0		89-112	99.7	
BA38280	ERH1591	80-119	101		89-112	95.3	
BA38281	ERH1592	80-119	101		89-112	97.0	
BA38282	ERH1593	80-119	96.0		89-112	98.6	
BA38283	ERH1594	80-119	99.2		89-112	96.7	
BA38284	ERH1595	80-119	102		89-112	95.2	
BA38285	ERH1596	80-119	103		89-112	94.9	
BA38286	ERH1597	80-119	95.8		89-112	96.1	
BA38287	ERH1598	80-119	101		89-112	95.9	

Comments: Batch: #86BTO-210827AM

EPA 8260B

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	97221
Case No:	97221	Date Analyzed:	8/27/2021
Matrix:	WATER	Instrument:	Max
Blank ID:	210827AM-BLK	Time Analyzed:	1342

APPL ID.	Client Sample No.	File ID.	Date Analyzed
210827AM-LCS	Lab Control Spike	0827M09	8/27/2021 1244
210827AM-LCSD	Lab Control SpikeD	0827M10	8/27/2021 1312
210827AM-BLK	Blank	0827M11	8/27/2021 1342
BA38280	ERH1591	0827M15	8/27/2021 1542
BA38281	ERH1592	0827M16	8/27/2021 1610
BA38282	ERH1593	0827M17	8/27/2021 1637
BA38283	ERH1594	0827M18	8/27/2021 1705
BA38284	ERH1595	0827M19	8/27/2021 1733
BA38285	ERH1596	0827M20	8/27/2021 1801
BA38286	ERH1597	0827M21	8/27/2021 1829
BA38287	ERH1598	0827M22	8/27/2021 1857

Comments: Batch: #86BTO-210827AM

Method Blank
EPA 8260B BTEX WATER

Blank Name/QCG: **210827W-38280 - 268062**
Batch ID: #86BTO-210827AM

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	8/27/2021	8/27/2021
BLANK	ETHYLBENZENE	0.50 U	1.0	0.50	0.23	ug/L	8/27/2021	8/27/2021
BLANK	TOLUENE	0.30 U	1.0	0.30	0.15	ug/L	8/27/2021	8/27/2021
BLANK	XYLENES (TOTAL)	0.30 U	2.0	0.30	0.15	ug/L	8/27/2021	8/27/2021
BLANK	SURROGATE: 1,2-DICHLOROET	99.4	81-118			%	8/27/2021	8/27/2021
BLANK	SURROGATE: 4-BROMOFLUOR	102	85-114			%	8/27/2021	8/27/2021
BLANK	SURROGATE: DIBROMOFLUOR	98.0	80-119			%	8/27/2021	8/27/2021
BLANK	SURROGATE: TOLUENE-D8 (S)	99.7	89-112			%	8/27/2021	8/27/2021

Quant Method: MGAS0825.
Run #: 0827M11
Instrument: Max
Sequence: 210825
Initials: DA

GC SC-Blank-REG MDLs-DOD
Printed: 9/20/2021 5:29:42 PM

EPA 8260B

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	97221
Case No:	97221	Date Analyzed:	8/27/2021
Matrix:	WATER	Instrument:	Max
LCS ID:	210827AM-LCS	Time Analyzed:	1244

APPL ID.	Client Sample No.	File ID.	Date Analyzed	
210827AM-LCS	Lab Control Spike	0827M09	8/27/2021	1244
210827AM-LCSD	Lab Control SpikeD	0827M10	8/27/2021	1312
210827AM-BLK	Blank	0827M11	8/27/2021	1342
BA38280	ERH1591	0827M15	8/27/2021	1542
BA38281	ERH1592	0827M16	8/27/2021	1610
BA38282	ERH1593	0827M17	8/27/2021	1637
BA38283	ERH1594	0827M18	8/27/2021	1705
BA38284	ERH1595	0827M19	8/27/2021	1733
BA38285	ERH1596	0827M20	8/27/2021	1801
BA38286	ERH1597	0827M21	8/27/2021	1829
BA38287	ERH1598	0827M22	8/27/2021	1857

Comments: Batch: #86BTO-210827AM

Laboratory Control Spike Recoveries
EPA 8260B BTEX WATER

APPL ID: **210827W-38280 LCS - 268062**
Batch ID: #86BTO-210827AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
BENZENE	10.00	10.5	9.69	105	96.9	79-120	8.0	20
ETHYLBENZENE	10.00	10.4	10.1	104	101	79-121	2.9	20
TOLUENE	10.00	10.3	10.1	103	101	80-121	2.0	20
XYLENES (TOTAL)	30.0	31.3	28.9	104	96.3	79-121	8.0	20
SURROGATE: 1,2-DICHLOROETHANE-D	25.0	26.0	25.8	104	103	81-118		
SURROGATE: 4-BROMOFLUOROBENZE	25.0	24.7	24.2	98.8	96.8	85-114		
SURROGATE: DIBROMOFLUOROMETH	25.0	24.9	25.1	99.6	100	80-119		
SURROGATE: TOLUENE-D8 (S)	25.0	24.6	23.2	98.4	92.8	89-112		

Comments:

Primary	SPK	DUP
Quant Method :	M0825W.M	M0825W.M
Extraction Date :	8/27/2021	8/27/2021
Analysis Date :	8/27/2021	8/27/2021
Instrument :	Max	Max
Run :	0827M09	0827M10
Initials :	DA	

Form 5
Tune Summary

Lab Name: APPL Inc. SDG No:
Case No: Date Analyzed: 8/25/2021
Matrix: Water Instrument: Max
ID: 0825M11.D Time Analyzed: 14:47

	Client Sample No.	APPL ID.	File ID.	Date Analyzed
1		0.3ug/L VOC STD 8/25	0825M12.D	8/25/2021 15:15
2		0.5ug/L VOC STD 8/25	0825M13.D	8/25/2021 15:43
3		1ug/L VOC STD 8/25/2	0825M14.D	8/25/2021 16:11
4		2ug/L VOC STD 8/25/2	0825M15.D	8/25/2021 16:39
5		5ug/L VOC STD 8/25/2	0825M16.D	8/25/2021 17:07
6		10ug/L VOC STD 8/25/	0825M17.D	8/25/2021 17:35
7		20ug/L VOC STD 8/25/	0825M18.D	8/25/2021 18:03
8		40ug/L VOC STD 8/25/	0825M19.D	8/25/2021 18:31
9		100ug/L VOC STD 8/25	0825M20.D	8/25/2021 18:59
10		(SS) 10ug/L VOC STD	0825M22.D	8/25/2021 19:55
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				

m/e		
50	15 - 40% of mass 95	17.5
75	30 - 60.04% of mass 95	54.3
95	100 - 200% of mass 95	100.0
96	5 - 9% of mass 95	7.2
173	0 - 2% of mass 174	0.0
174	50 - 200% of mass 95	131.6
175	5 - 9.02% of mass 174	7.7
176	94.9 - 101% of mass 174	97.9
177	5 - 9% of mass 176	6.8

Form 5
Tune Summary

Lab Name: APPL Inc. SDG No: 97221
Case No: 97221 Date Analyzed: 8/27/2021
Matrix: Water Instrument: Max
ID: 0827M02.D Time Analyzed: 9:28

	Client Sample No.	APPL ID.	File ID.	Date Analyzed
1		210827A CCV 10ug/L	0827M03.D	8/27/2021 9:56
2	Lab Control Spike	210827A LCS 10ug/L	0827M04.D	8/27/2021 10:24
3	Lab Control SpikeD	210827A LCSD 10ug/L	0827M05.D	8/27/2021 10:52
4	Blank	210827A BLK	0827M11.D	8/27/2021 13:42
5	ERH1592	BA38281W01	0827M16.D	8/27/2021 16:10
6	ERH1593	BA38282W01	0827M17.D	8/27/2021 16:37
7	ERH1594	BA38283W01	0827M18.D	8/27/2021 17:05
8	ERH1595	BA38284W01	0827M19.D	8/27/2021 17:33
9	ERH1596	BA38285W01	0827M20.D	8/27/2021 18:01
10	ERH1597	BA38286W01	0827M21.D	8/27/2021 18:29
11	ERH1598	BA38287W01	0827M22.D	8/27/2021 18:57
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				

m/e		
50	15 - 40% of mass 95	19.0
75	30 - 60.04% of mass 95	54.0
95	100 - 200% of mass 95	100.0
96	5 - 9% of mass 95	7.2
173	0 - 2% of mass 174	0.0
174	50 - 200% of mass 95	133.1
175	5 - 9.02% of mass 174	7.3
176	94.9 - 101% of mass 174	98.0
177	5 - 9% of mass 176	5.9

8A
INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: APPL Inc. Contract:

Lab Code: SDG No.:

Lab File ID (Standard): 0825M18.D Date Analyzed: 08/25/21

Instrument ID: Max Time Analyzed: 18:03

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

		Fluorobenzene (IS)		Chlorobenzene-D5 (IS)		1,4-Dichlorobenzene-D (IS)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	258006	6.21	222674	9.41	141752	11.75
	UPPER LIMIT	516012	6.38	445348	9.58	283504	11.92
	LOWER LIMIT	129003	6.04	111337	9.24	70876	11.58
	SAMPLE NO.						
01	210827A CCV 10ug/L	234422	6.24	205256	9.43	132841	11.76
02	210827A LCS 10ug/L	234088	6.24	198273	9.43	130736	11.76
03	210827A LCSD 10ug/L	240030	6.24	205894	9.43	134304	11.76
04	210827A BLK	242071	6.24	197867	9.43	121157	11.76
05	BA38280W01	232165	6.24	201278	9.43	121954	11.76
06	BA38281W01	230086	6.24	197593	9.43	125948	11.76
07	BA38282W01	243307	6.24	193355	9.43	121846	11.76
08	BA38283W01	232482	6.24	197405	9.43	124139	11.76
09	BA38284W01	235309	6.24	203072	9.43	129223	11.76
10	BA38285W01	229689	6.24	198560	9.43	126908	11.76
11	BA38286W01	233783	6.24	198843	9.43	125041	11.76
12	BA38287W01	223142	6.24	188660	9.43	117226	11.76
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: 97221

Case No: 97221 Date Analyzed: 8/27/2021

Matrix: WATER Instrument: Max

APPL ID.	Client Sample No.	SURROGATE: 4-BROMOFLUOROBENZENE (S)					
		Limits	Result	Qualifier	Limits	Result	Qualifier
210827AM-LCS	Lab Control Spike	85-114	99.2				
210827AM-LCSD	Lab Control SpikeD	85-114	99.6				
210827AM-BLK	Blank	85-114	102				
BA38280	ERH1591	85-114	99.1				
BA38281	ERH1592	85-114	103				
BA38282	ERH1593	85-114	97.4				
BA38283	ERH1594	85-114	95.1				
BA38284	ERH1595	85-114	95.0				
BA38285	ERH1596	85-114	95.8				
BA38286	ERH1597	85-114	95.2				
BA38287	ERH1598	85-114	101				

Comments: Batch: #GRO86-210827A

EPA 8260B

Form 4

Blank Summary

Lab Name:	APPL, Inc.	SDG No:	97221
Case No:	97221	Date Analyzed:	8/27/2021
Matrix:	WATER	Instrument:	Max
Blank ID:	210827AM-BLK	Time Analyzed:	1342

APPL ID.	Client Sample No.	File ID.	Date Analyzed
210827AM-LCS	Lab Control Spike	0827M06	8/27/2021 1120
210827AM-LCSD	Lab Control SpikeD	0827M07	8/27/2021 1148
210827AM-BLK	Blank	0827M11	8/27/2021 1342
BA38280	ERH1591	0827M15	8/27/2021 1542
BA38281	ERH1592	0827M16	8/27/2021 1610
BA38282	ERH1593	0827M17	8/27/2021 1637
BA38283	ERH1594	0827M18	8/27/2021 1705
BA38284	ERH1595	0827M19	8/27/2021 1733
BA38285	ERH1596	0827M20	8/27/2021 1801
BA38286	ERH1597	0827M21	8/27/2021 1829
BA38287	ERH1598	0827M22	8/27/2021 1857

Comments: Batch: #GRO86-210827A

Method Blank
EPA 8260B GRO WATER

APPL Inc.
908 North Temperance Avenu
Clovis, CA 93611

Blank Name/QCG: **210827W-38280 - 268125**
Batch ID: #GRO86-210827AM

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	8/27/2021	8/27/2021
BLANK	SURROGATE: 4-BROMOFLUOR	102	85-114			%	8/27/2021	8/27/2021

Quant Method: MGAS0825.
Run #: 0827M11
Instrument: Max
Sequence: 210825
Initials: LPO

GC SC-Blank-REG MDLs-DOD
Printed: 9/22/2021 8:41:44 AM

EPA 8260B

Form 4

LCS Summary

Lab Name:	APPL, Inc.	SDG No:	97221
Case No:	97221	Date Analyzed:	8/27/2021
Matrix:	WATER	Instrument:	Max
LCS ID:	210827AM-LCS	Time Analyzed:	1120

APPL ID.	Client Sample No.	File ID.	Date Analyzed	
210827AM-LCS	Lab Control Spike	0827M06	8/27/2021	1120
210827AM-LCSD	Lab Control SpikeD	0827M07	8/27/2021	1148
210827AM-BLK	Blank	0827M11	8/27/2021	1342
BA38280	ERH1591	0827M15	8/27/2021	1542
BA38281	ERH1592	0827M16	8/27/2021	1610
BA38282	ERH1593	0827M17	8/27/2021	1637
BA38283	ERH1594	0827M18	8/27/2021	1705
BA38284	ERH1595	0827M19	8/27/2021	1733
BA38285	ERH1596	0827M20	8/27/2021	1801
BA38286	ERH1597	0827M21	8/27/2021	1829
BA38287	ERH1598	0827M22	8/27/2021	1857

Comments: Batch: #GRO86-210827A

Laboratory Control Spike Recoveries
EPA 8260B GRO WATER

APPL ID: **210827W-38280 LCS - 268125**
Batch ID: #GRO86-210827AM

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	278	245	92.7	81.7	78-122	12.6	20
SURROGATE: 4-BROMOFLUOROBENZE	25.0	24.8	24.9	99.2	99.6	85-114		

Comments:

Primary	SPK	DUP
Quant Method :	MGAS0825.M	MGAS0825.M
Extraction Date :	8/27/2021	8/27/2021
Analysis Date :	8/27/2021	8/27/2021
Instrument :	Max	Max
Run :	0827M06	0827M07
Initials :	LPO	

ORGANICS

Calibration Data

TPH Extractables
DOC0831

Form 6
Initial Calibration

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

			830004.D	830005.D	830006.D	830007.D	830008.D	830009.D	830010.D								
		Compound	1	2	3	4	5	6	7				Avg	%RSD	Type	r^2	Q
1	HATM	Diesel (C10-C24)	1996096	2096504	2044980	1954573	1978127	1986289	2080607				2019597	2.7	HATM		
2	HBTML	Motor Oil (C24-C40)	4145119	2435540	1673061	1536974	1493779	1466134	1500171				2035825	49	HBTM	1.000	
3	SA	Ortho-Terphenyl(S)	2853226	2657484	2628989	2539846	2469795	2419311	2566361				2590716	5.5	SA		
4	SA	Octacosane(S)	2110335	1874119	1915976	1916647	1876549	1864260	1926753				1926377	4.4	SA		
5																	
6																	
7																	
8																	
9																	
10																	
11																	
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32																	
33																	
34																	
35																	

1.751305

Quantitation Report (Not Reviewed)

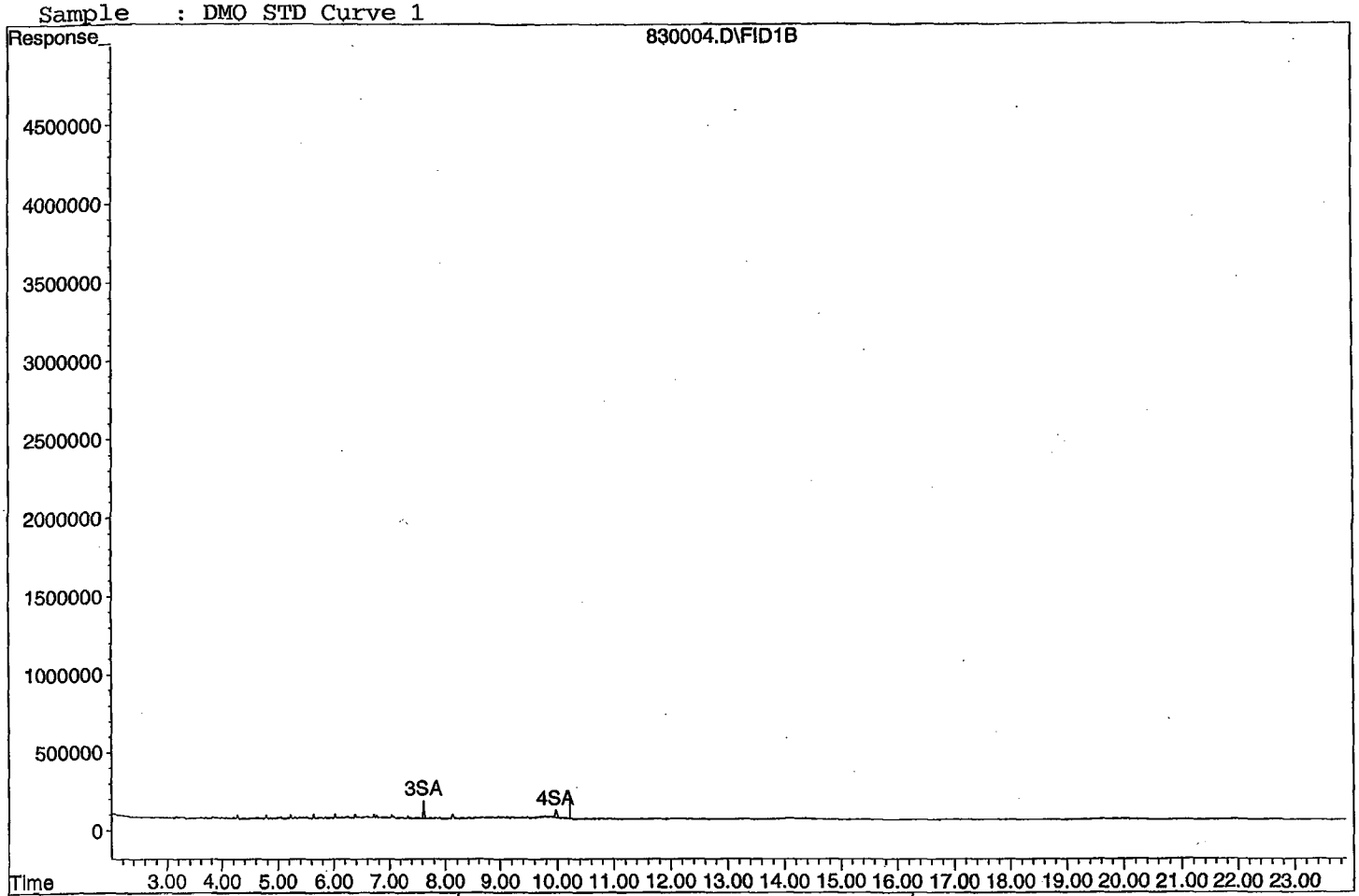
Data File : G:\APOLLO\DATA\210830\830004.D Vial: 4
Acq On : 8-30-21 14:23:31 Operator: KA
Sample : DMO STD Curve 1 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 8 12:55 2021 Quant Results File: DOC0830.RES

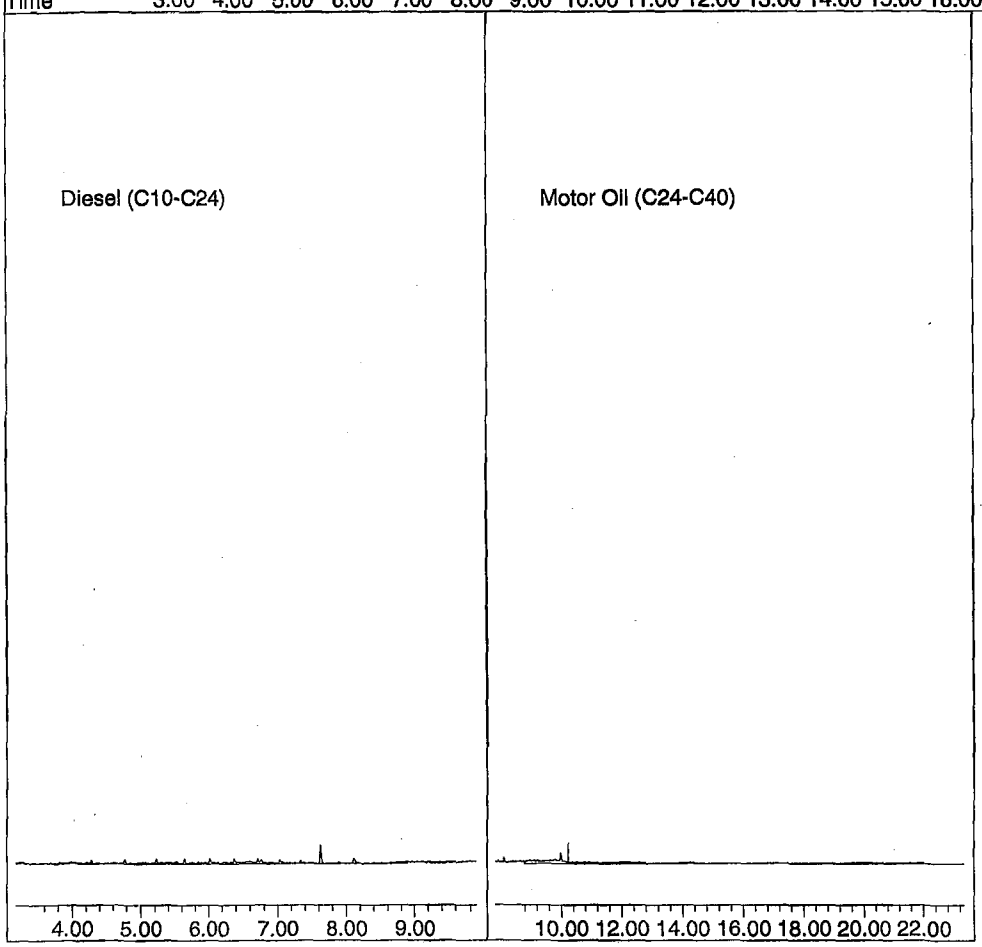
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

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

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

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





Quantitation Report (Not Reviewed)

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

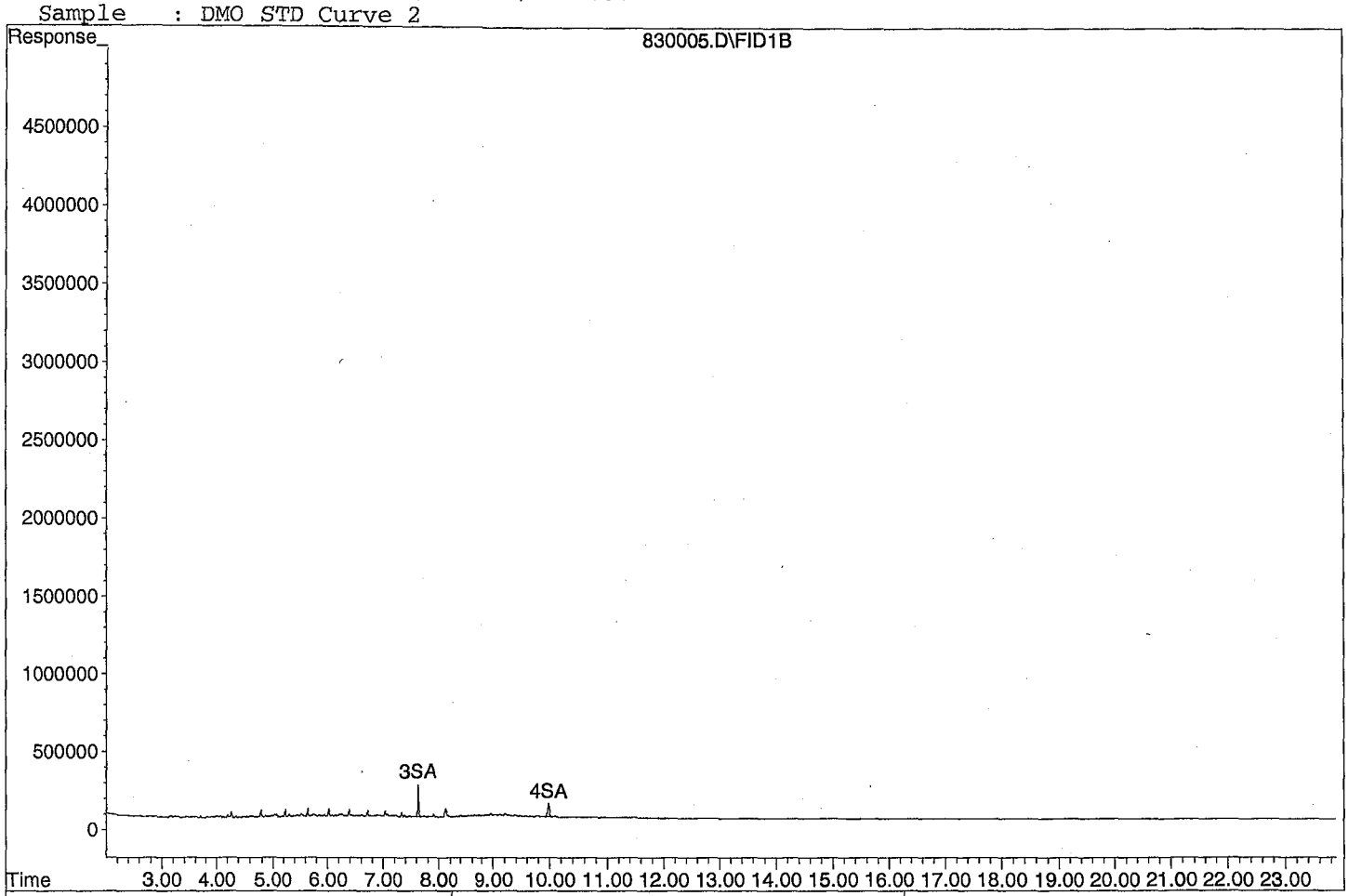
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

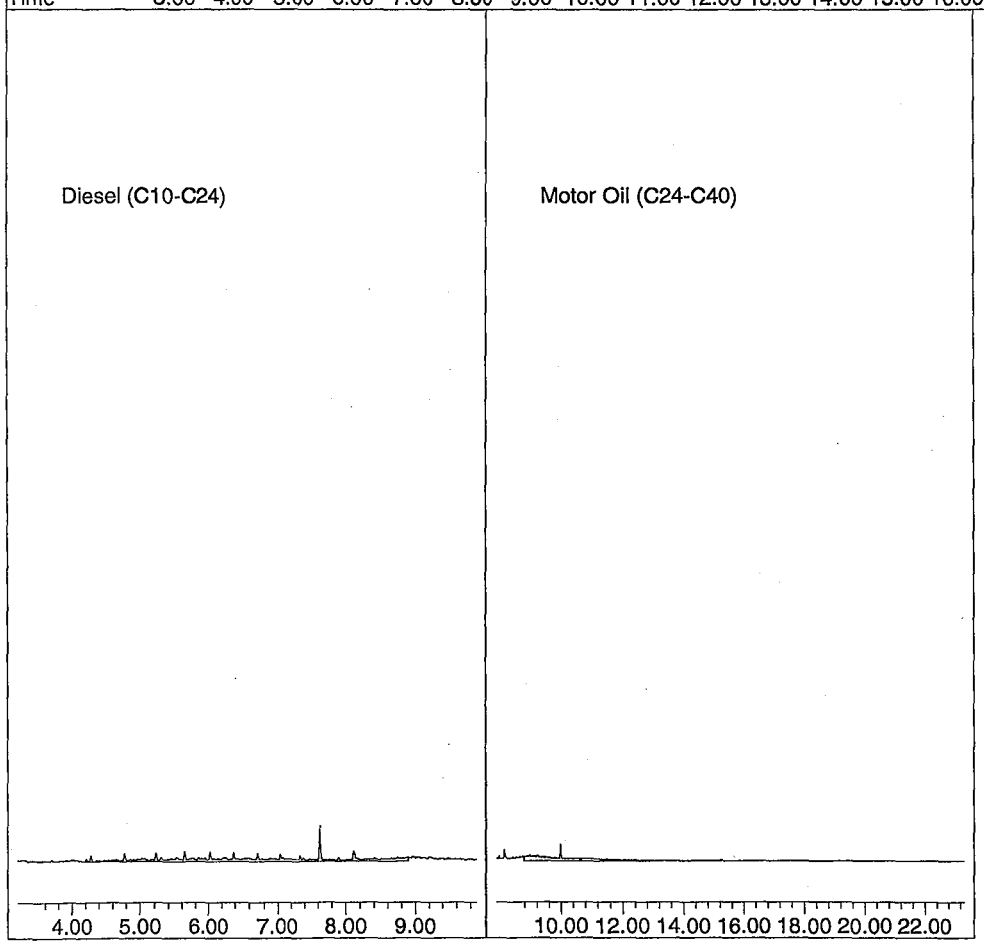
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

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

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





Quantitation Report (Not Reviewed)

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

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

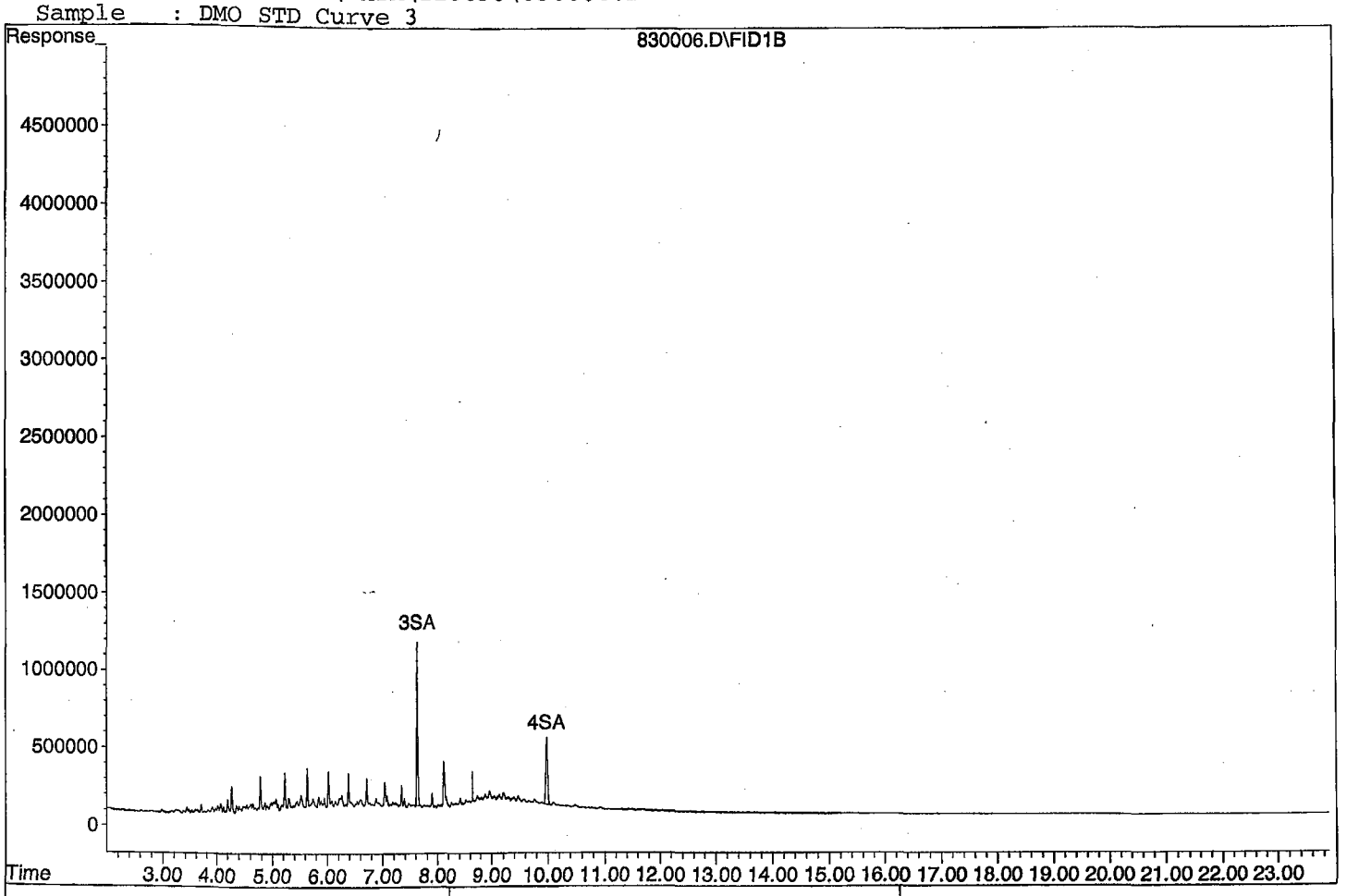
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

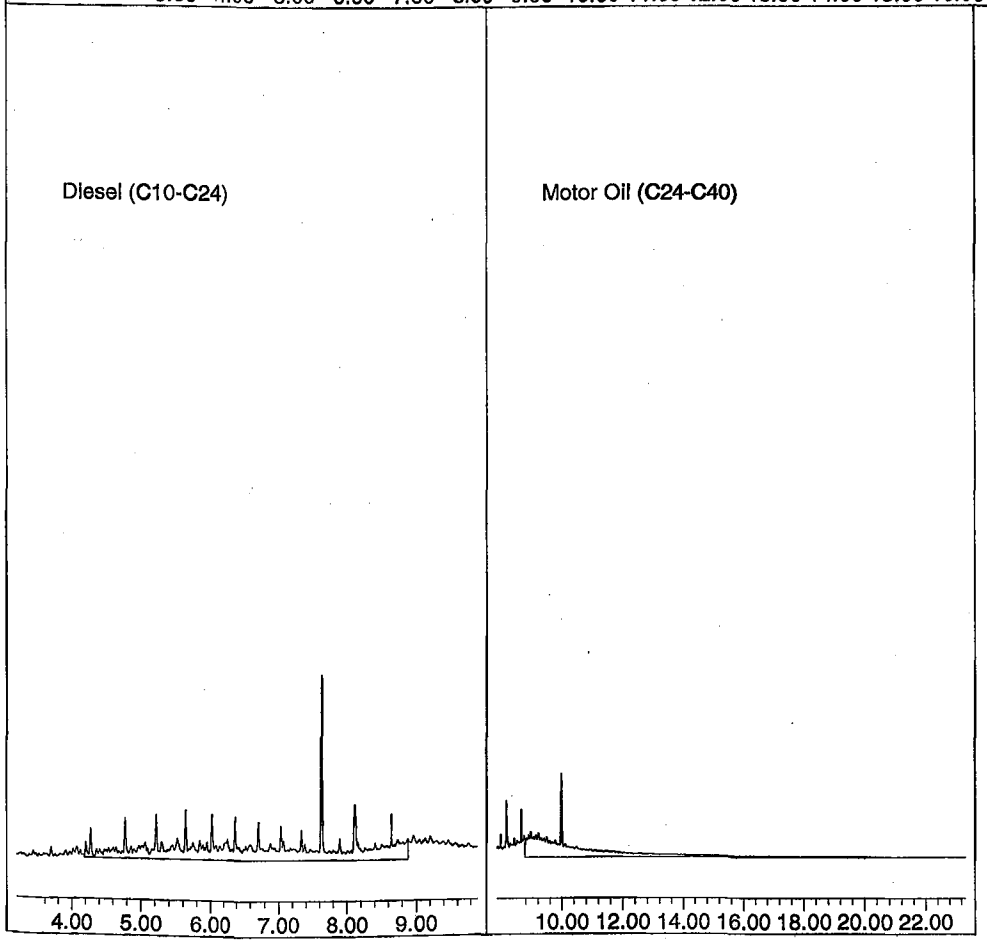
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	13144947	2.537 ppb
Surrogate Spike 30.000	Recovery =		8.46%
4) SA Octacosane(S)	9.98	9579881	2.487 ppb
Surrogate Spike 30.000	Recovery =		8.29%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	204498046	50.628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

Target Compounds

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

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





Quantitation Report (Not Reviewed)

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

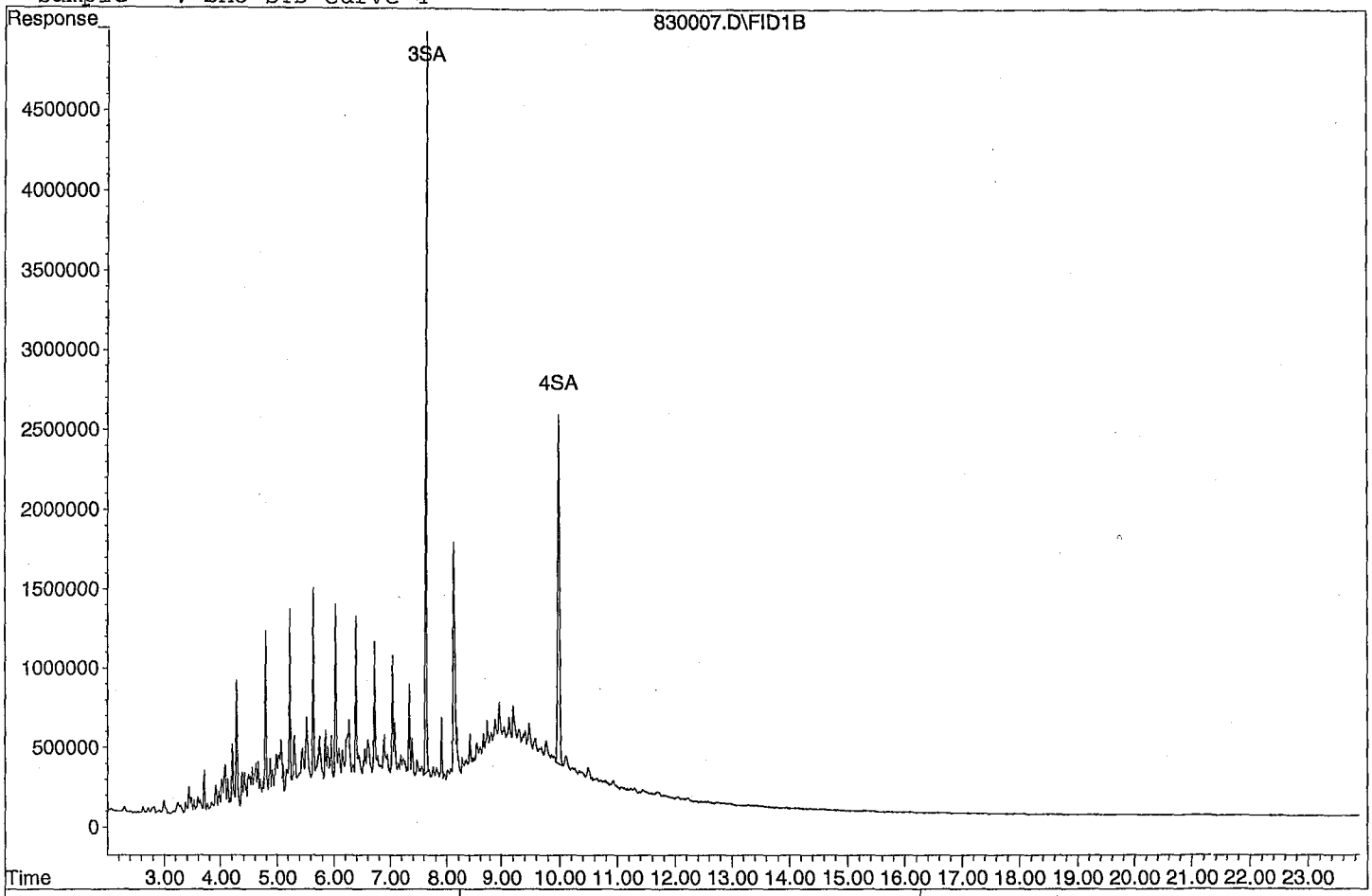
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

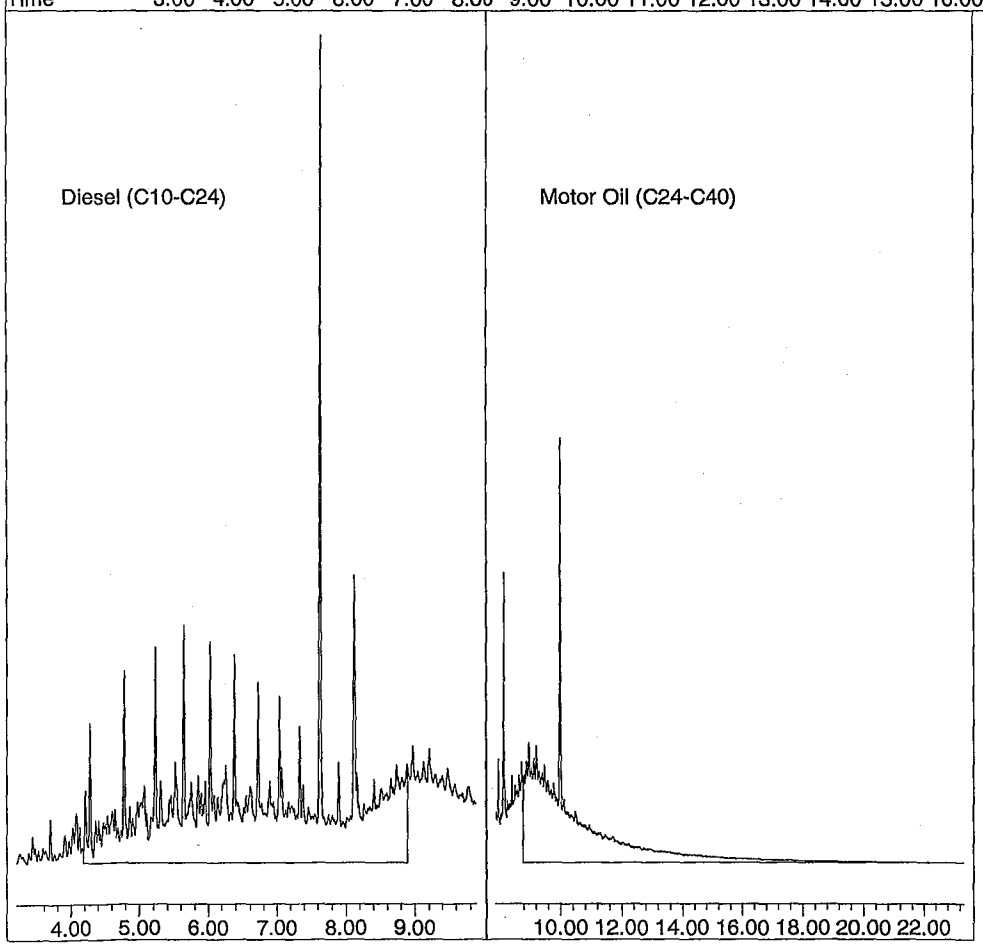
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

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

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





Quantitation Report (Not Reviewed)

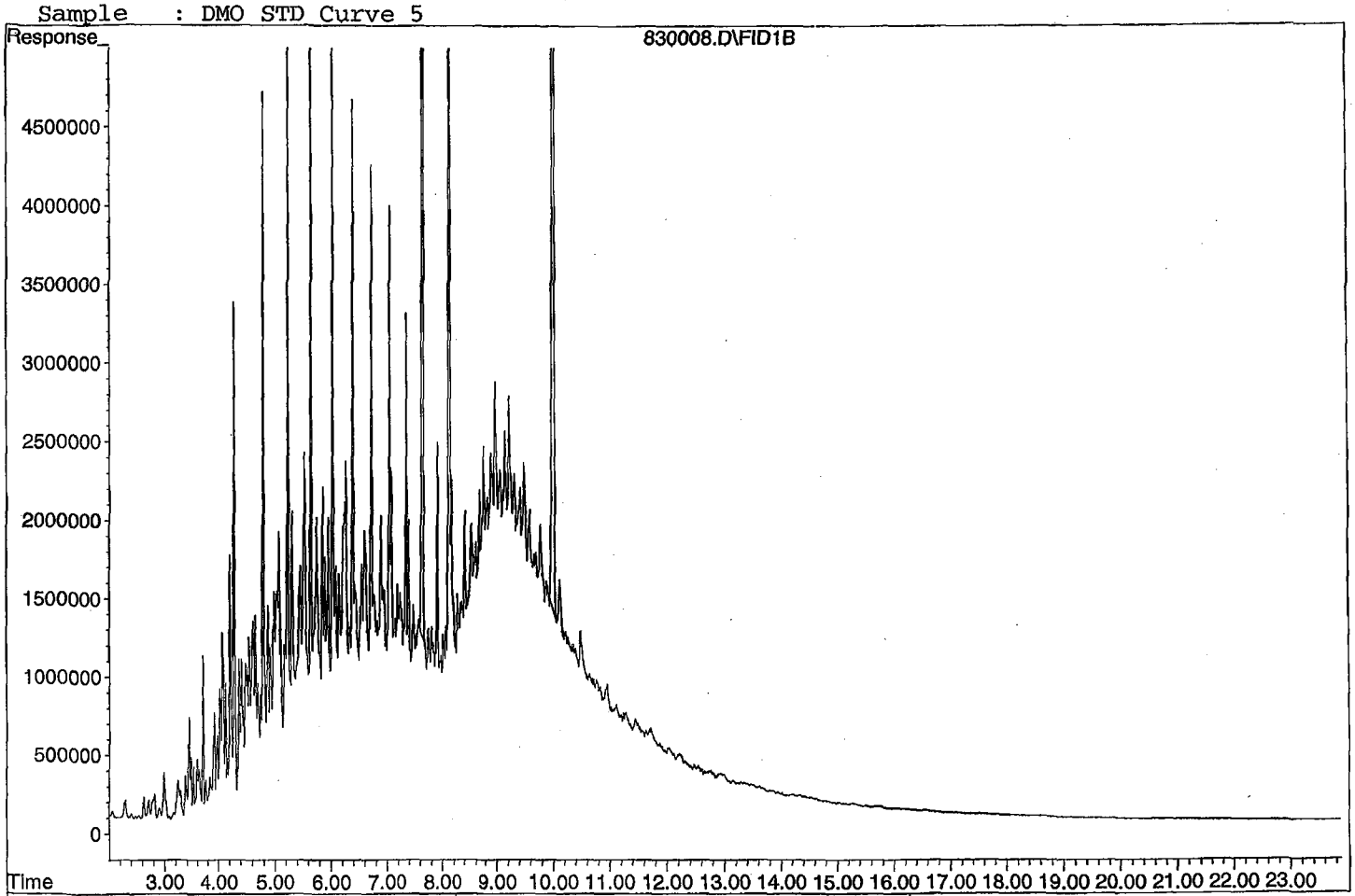
Data File : G:\APOLLO\DATA\210830\830008.D Vial: 8
Acq On : 8-30-21 16:17:29 Operator: KA
Sample : DMO STD Curve 5 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 8 12:55 2021 Quant Results File: DOC0830.RES

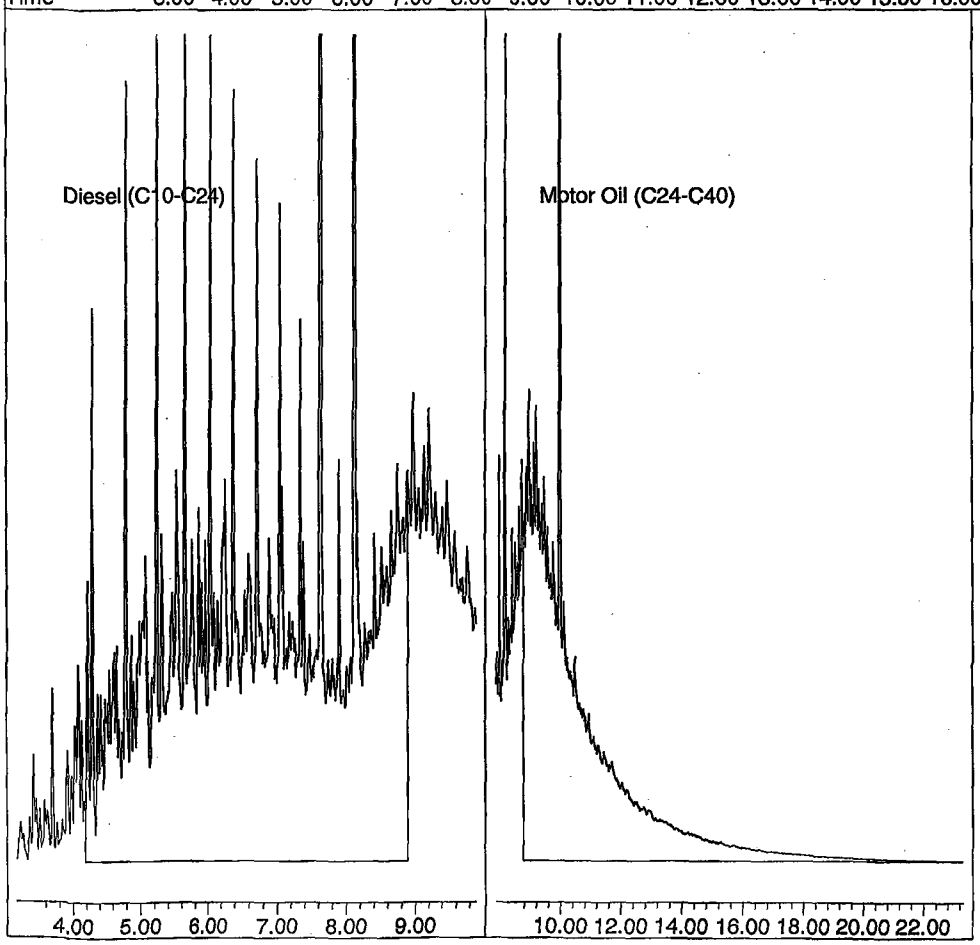
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

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

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

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





Quantitation Report (Not Reviewed)

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

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

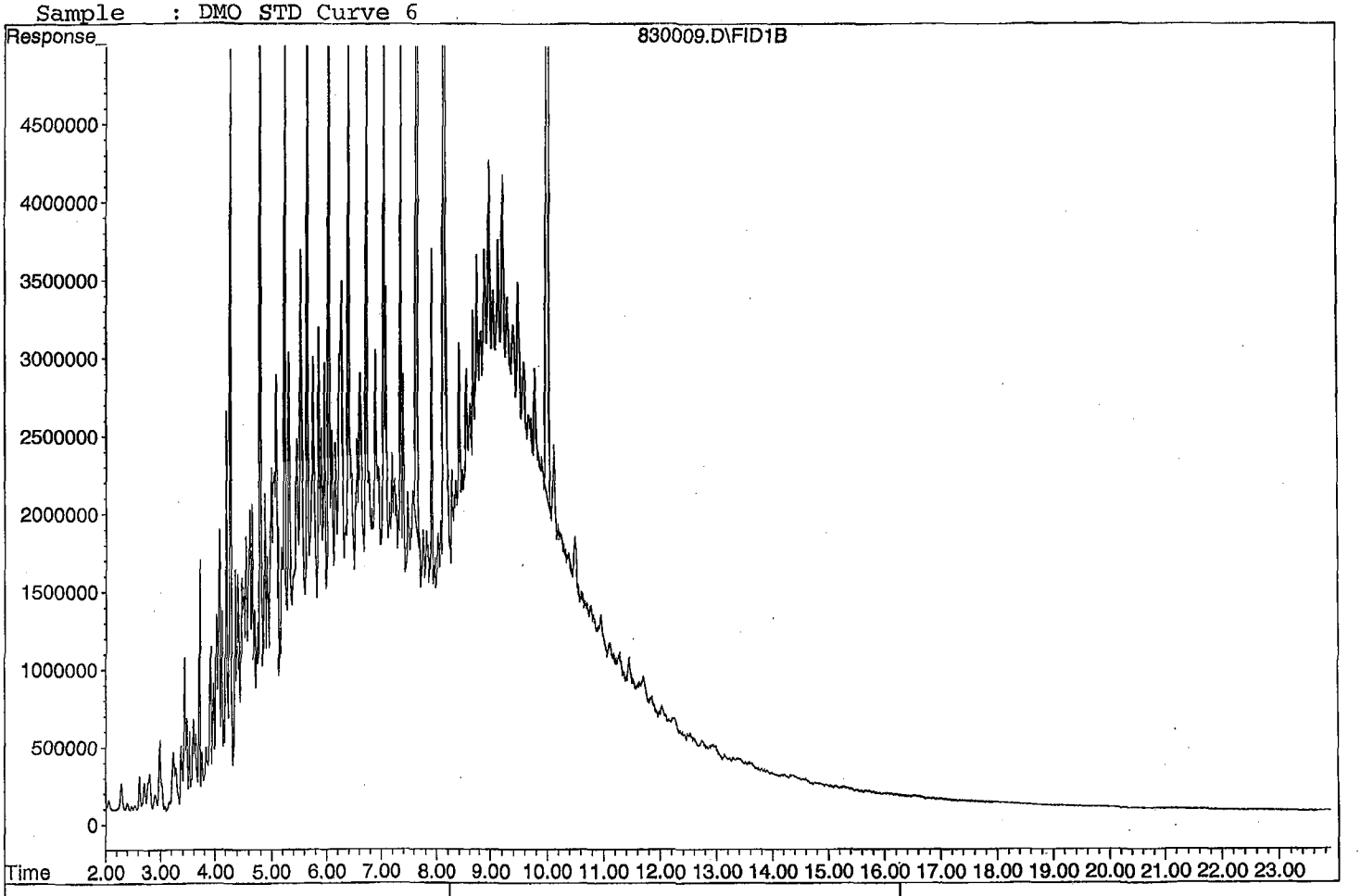
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

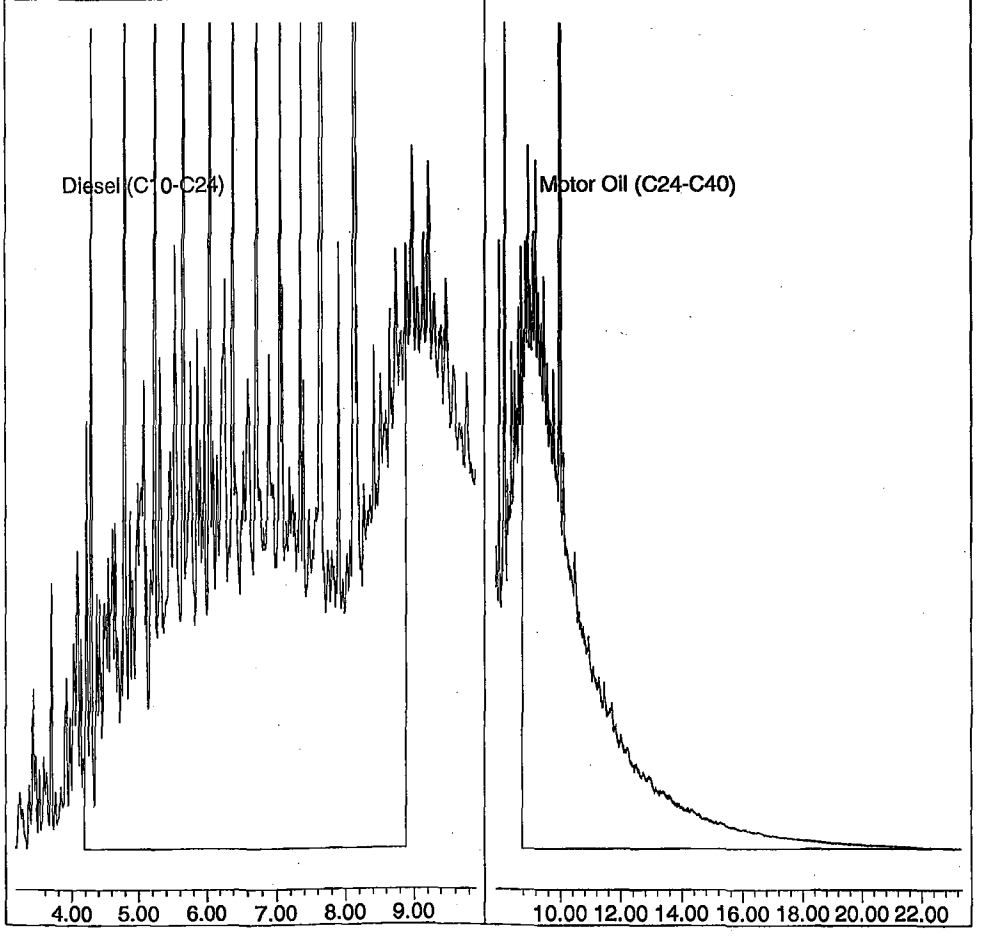
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
3) SA Ortho-Terphenyl(S)	7.63	362896579	70.038	ppb
Surrogate Spike 30.000		Recovery =	233.46%	
4) SA Octacosane(S)	10.00	279638971	72.582	ppb
Surrogate Spike 30.000		Recovery =	241.94%	
Target Compounds				
1) HATM Diesel (C10-C24)	6.54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

Target Compounds

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

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





Quantitation Report (Not Reviewed)

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

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

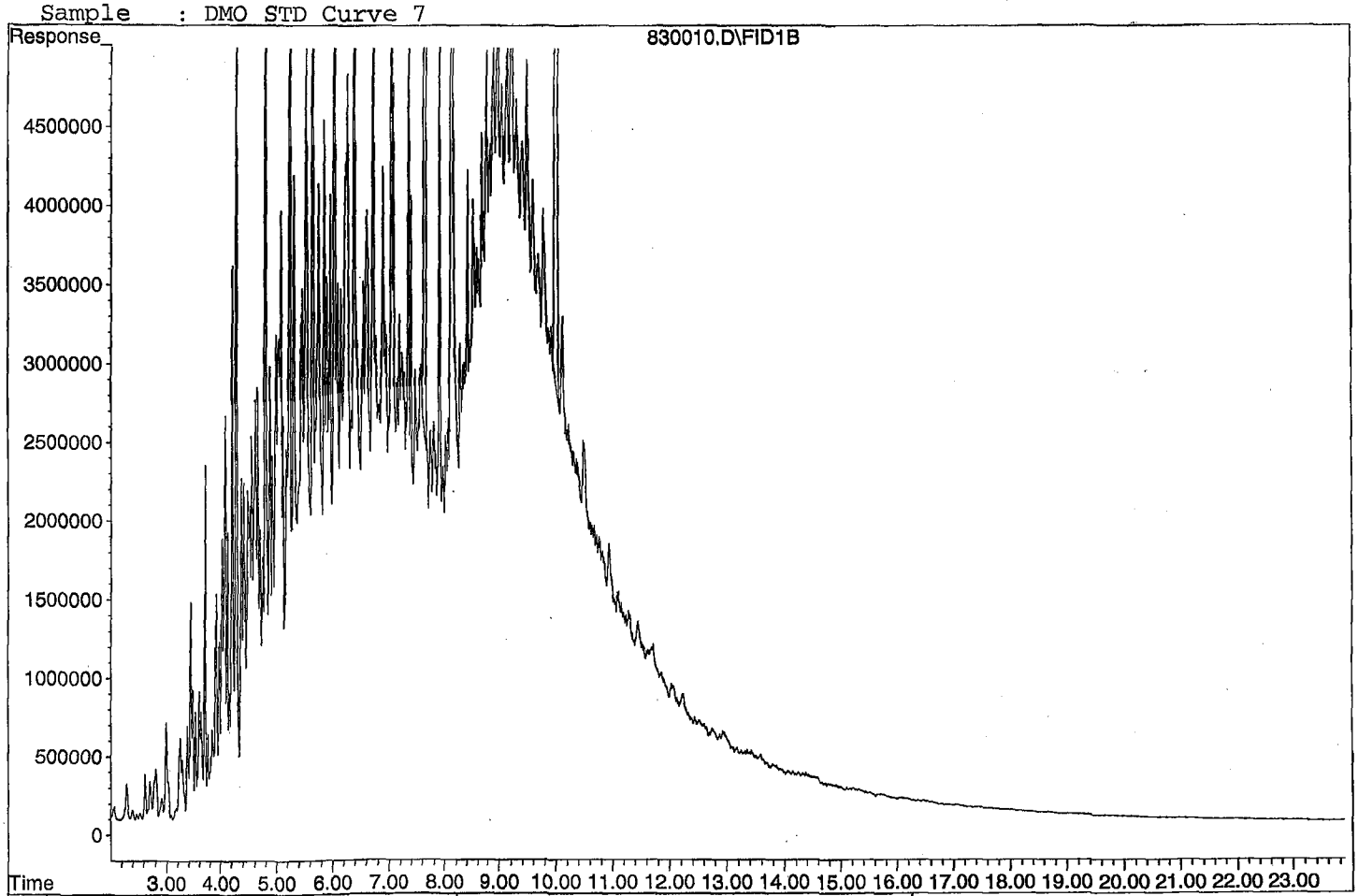
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

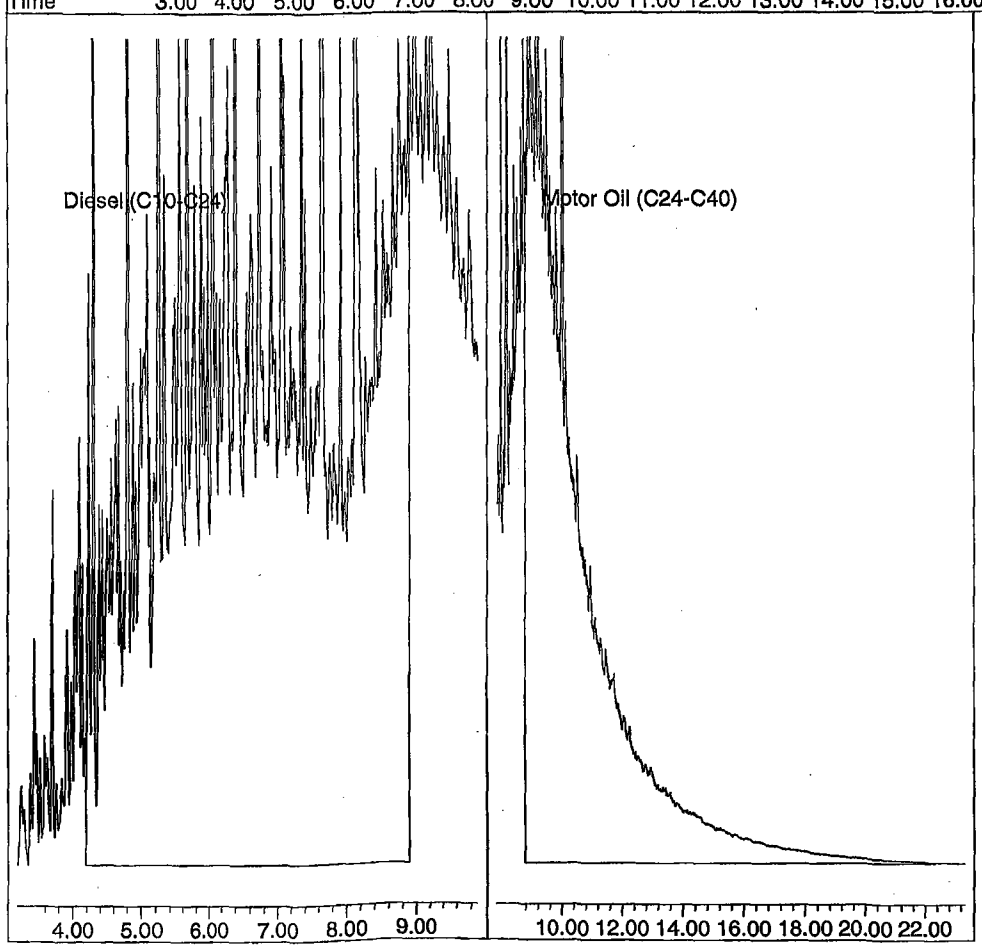
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
3) SA Ortho-Terphenyl(S)	7.64	513272150	99.060	ppb
Surrogate Spike 30.000	Recovery =		330.20%	
4) SA Octacosane(S)	10.00	385350648	100.020	ppb
Surrogate Spike 30.000	Recovery =		333.40%	
Target Compounds				
1) HATM Diesel (C10-C24)	6.54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

Target Compounds

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

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





TPH Extractables
DOC0831

Form 7

Second Source Calibration

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

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

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

Quantitation Report (Not Reviewed)

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

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

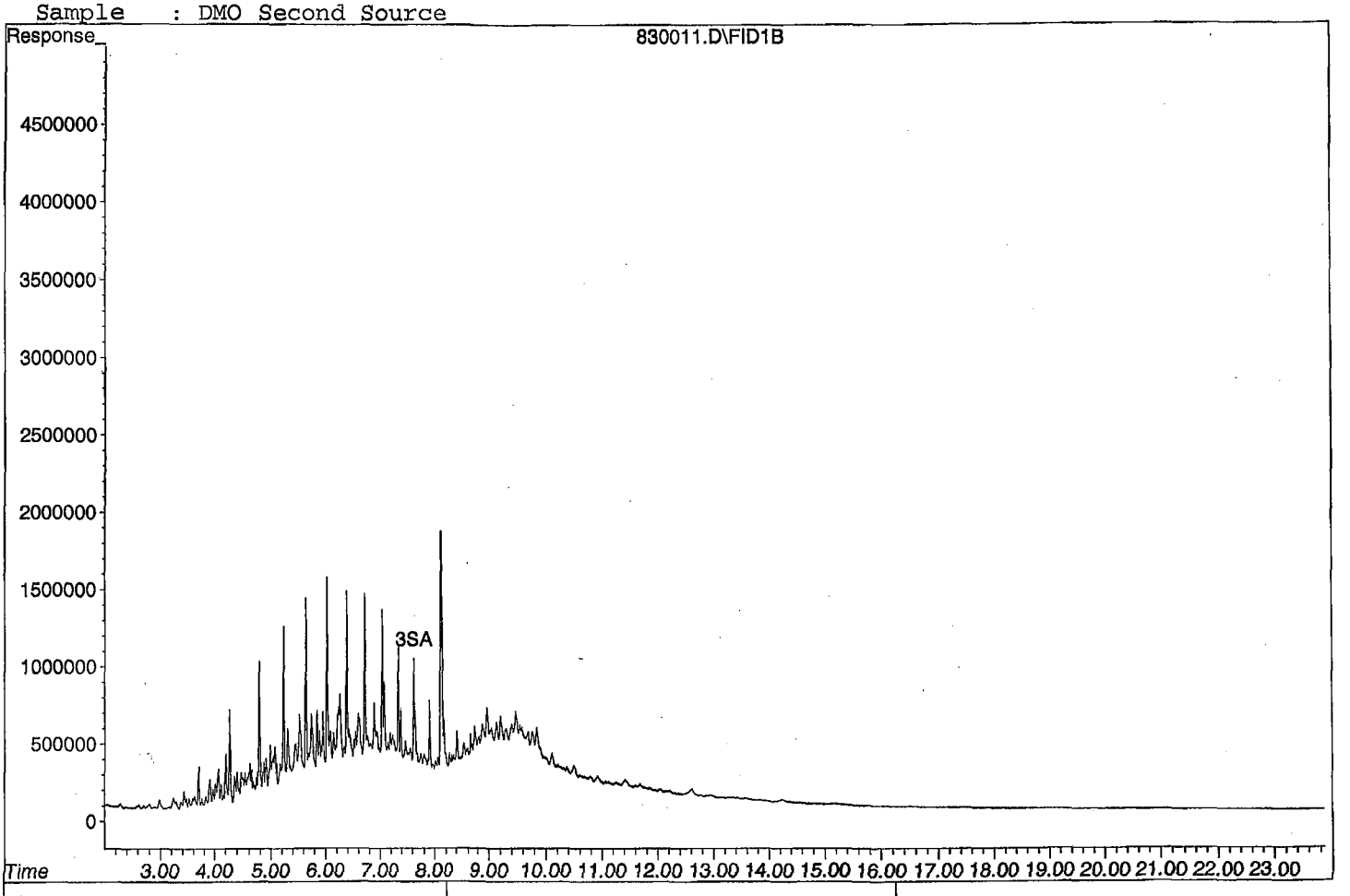
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

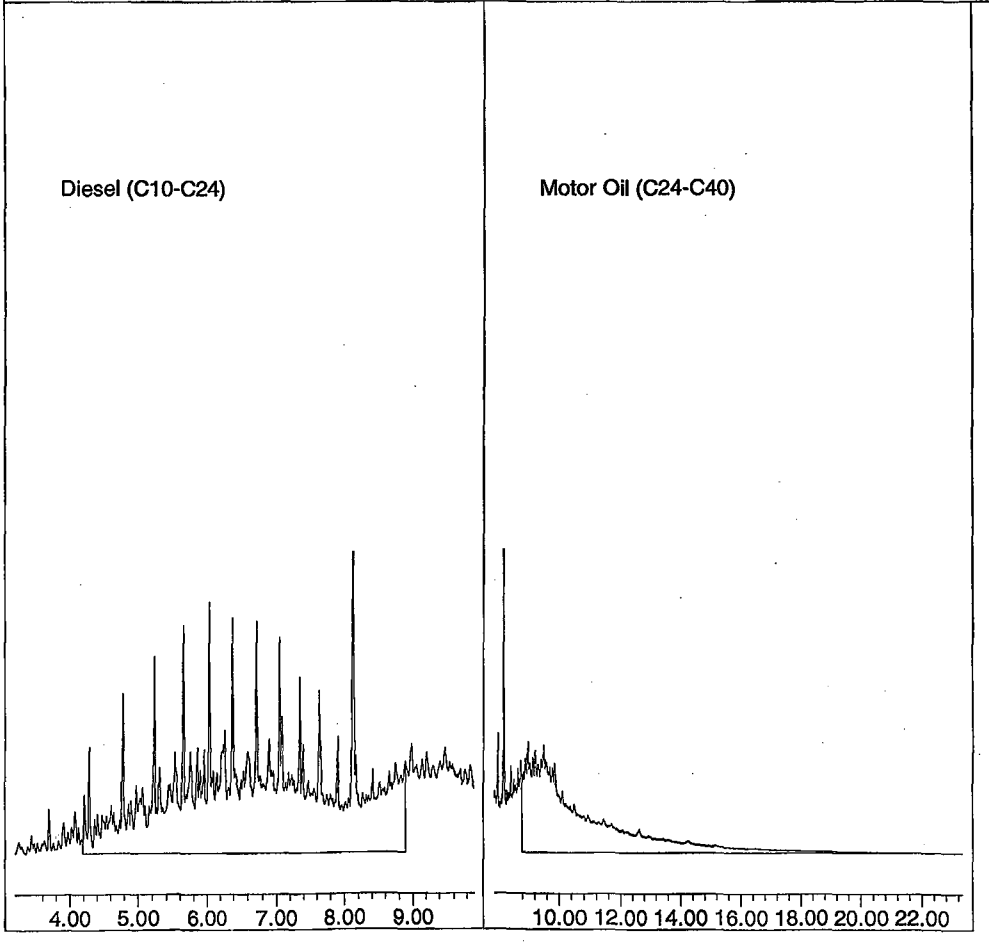
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
3) SA Ortho-Terphenyl(S)	7.62	4475122	0.864	ppb
Surrogate Spike 30.000		Recovery =	2.88%	
4) SA Octacosane(S)	9.98	-56148	N.D.	ppb
Surrogate Spike 30.000		Recovery =	0.00%	
Target Compounds				
1) HATM Diesel (C10-C24)	6.54	1110816428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

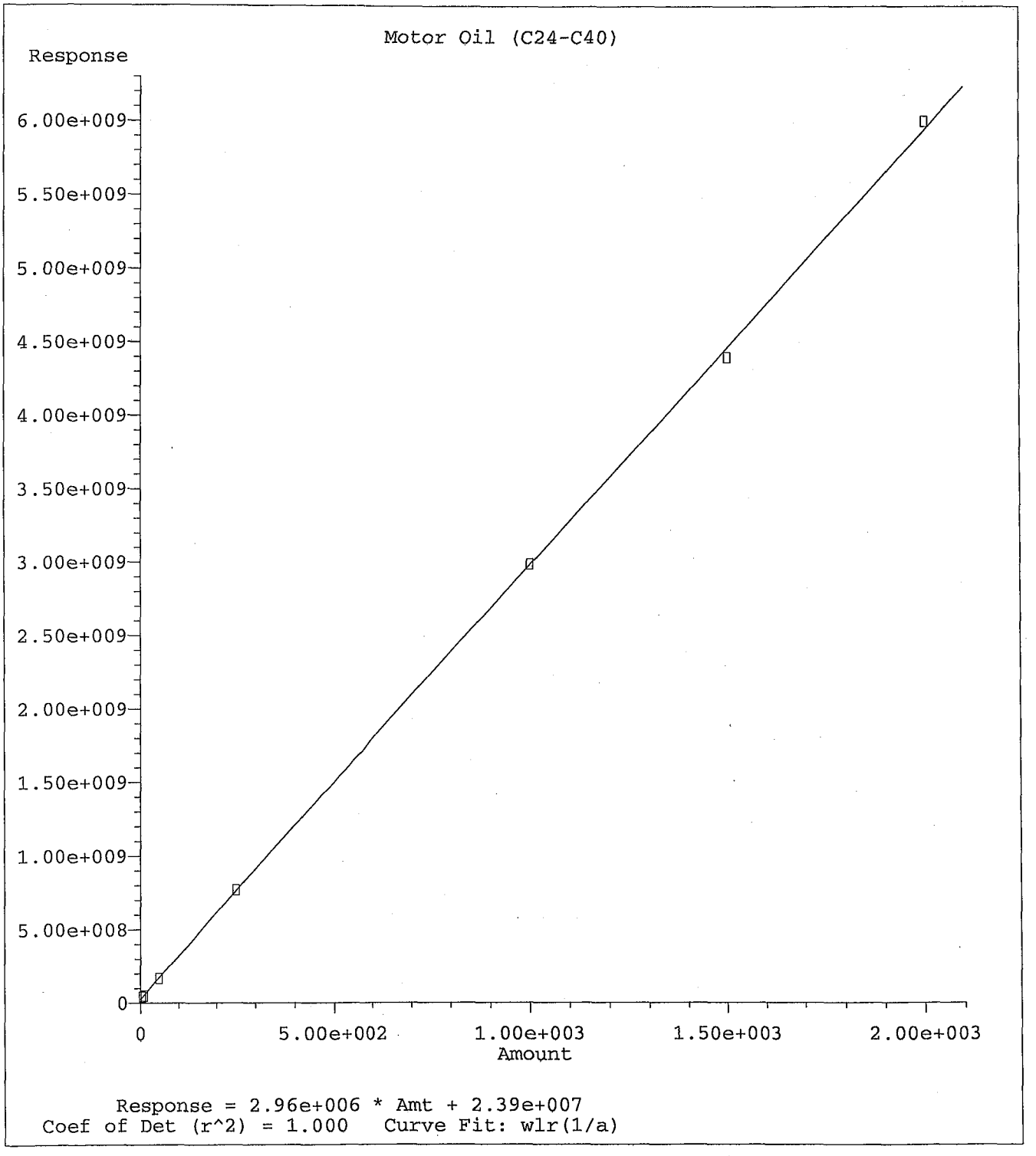
Target Compounds

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

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







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

TPH Extractables
DOC0830

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 9/1/2021
Instrument: Apollo
Initial Cal. Date: 8/30/2021
Data File: 830109.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2019600	2201840	9.0	HATM	
2	HBTM	Motor Oil (C24-C40)	2035830	1766450	13	HBTML	16
3	SA	Ortho-Terphenyl(S)	2590720	2957340	14	SA	
4	SA	Octacosane(S)	1926380	2208000	15	SA	
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		Average			12.8		

Quantitation Report (Not Reviewed)

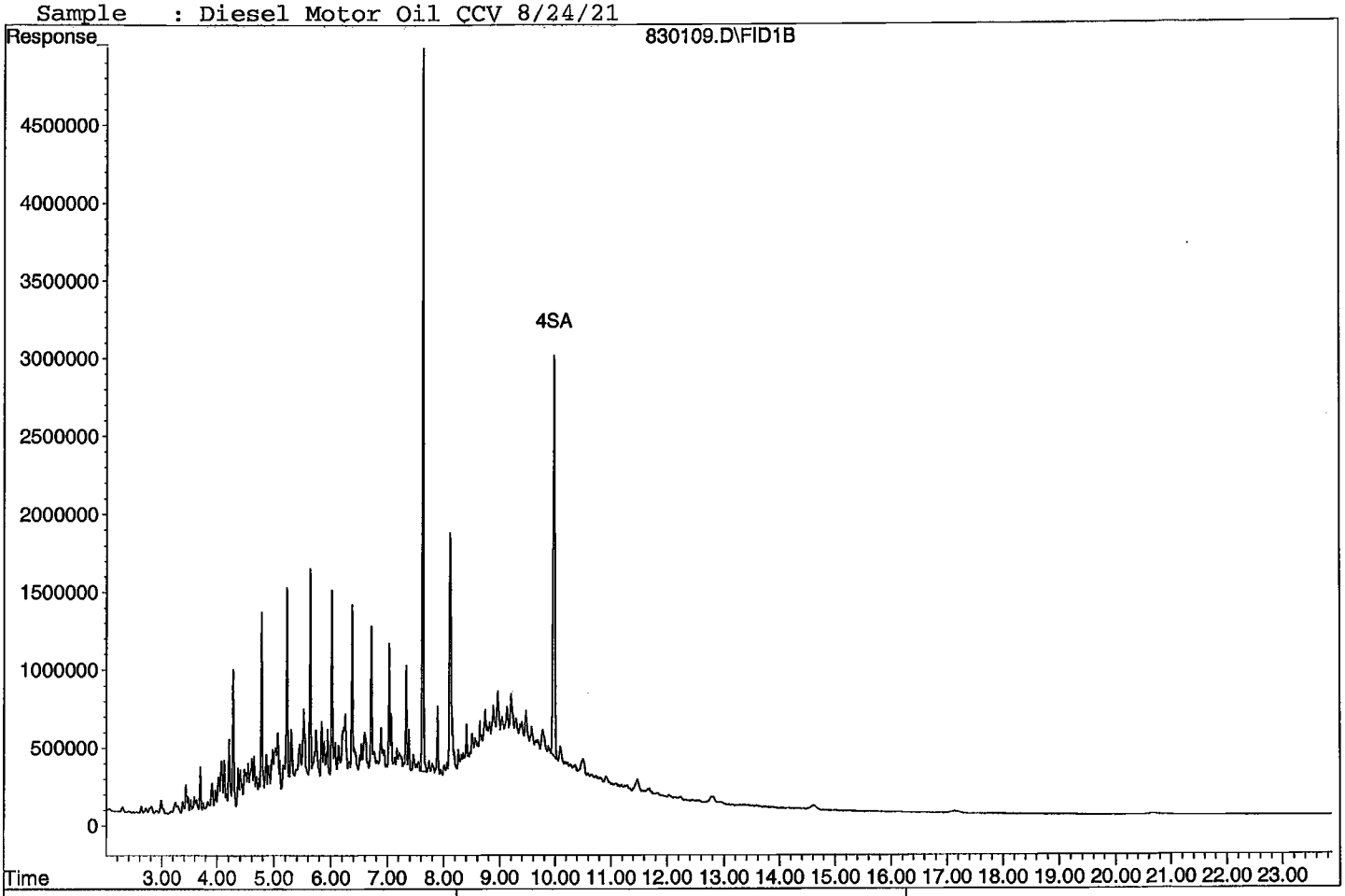
Data File : G:\APOLLO\DATA\210830\830109.D Vial: 9
Acq On : 9-1-21 17:04:37 Operator: KA
Sample : Diesel Motor Oil CCV 8/24/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 1 18:13 2021 Quant Results File: DQC0831.RES

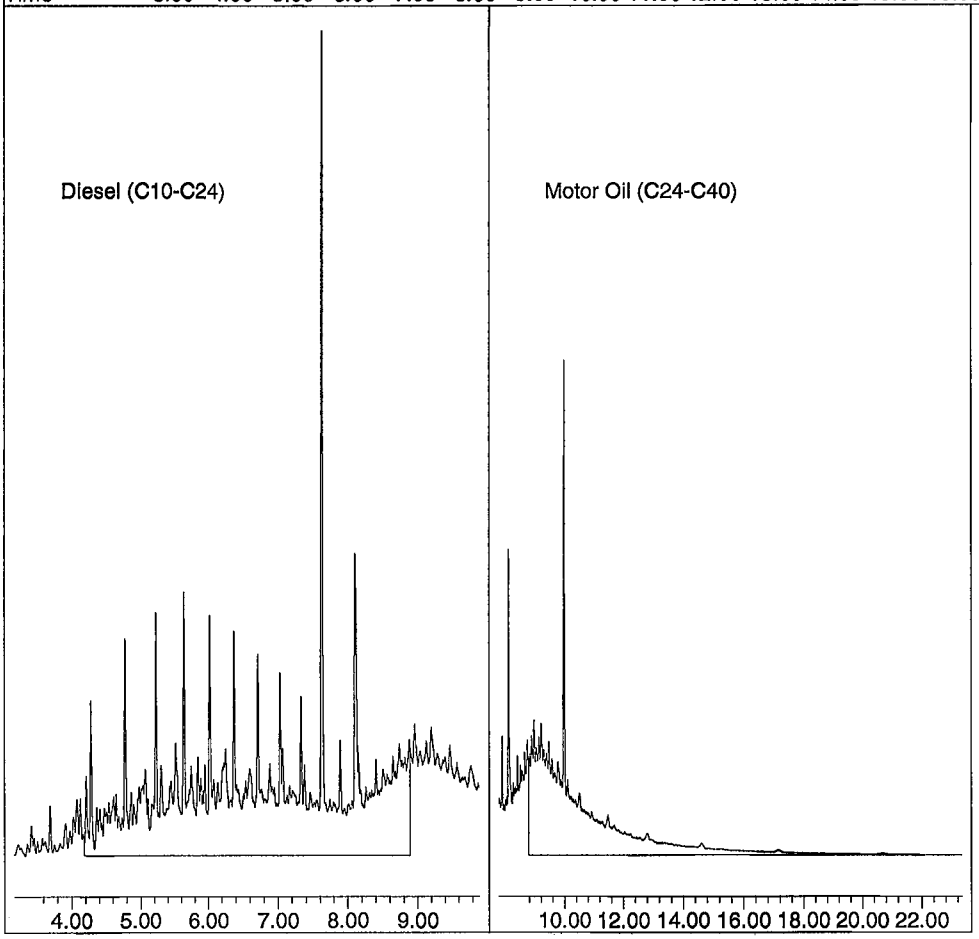
Method : G:\APOLLO\DATA\210830\DQC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 10:23:52 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	73933412	14.269 ppb
Surrogate Spike 30.000		Recovery =	47.56%
4) SA Octacosane(S)	9.98	55199888	14.327 ppb
Surrogate Spike 30.000		Recovery =	47.76%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	1100920505	272.560 ppb
2) HBTM Motor Oil (C24-C40)	15.55	883227115	290.460 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\210830\830109.D
Sample : Diesel Motor Oil CCV 8/24/21





TPH Extractables
DOC0830

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 9/1/2021
Instrument: Apollo
Initial Cal. Date: 8/30/2021
Data File: 830111.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2019600	2107940	4.4	HATM	
2	HBTM	Motor Oil (C24-C40)	2035830	1666120	18	HBTML	11
3	SA	Ortho-Terphenyl(S)	2590720	2643770	2.0	SA	
4	SA	Octacosane(S)	1926380	2218650	15	SA	
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40							
		Average			9.9		

Quantitation Report (QT Reviewed)

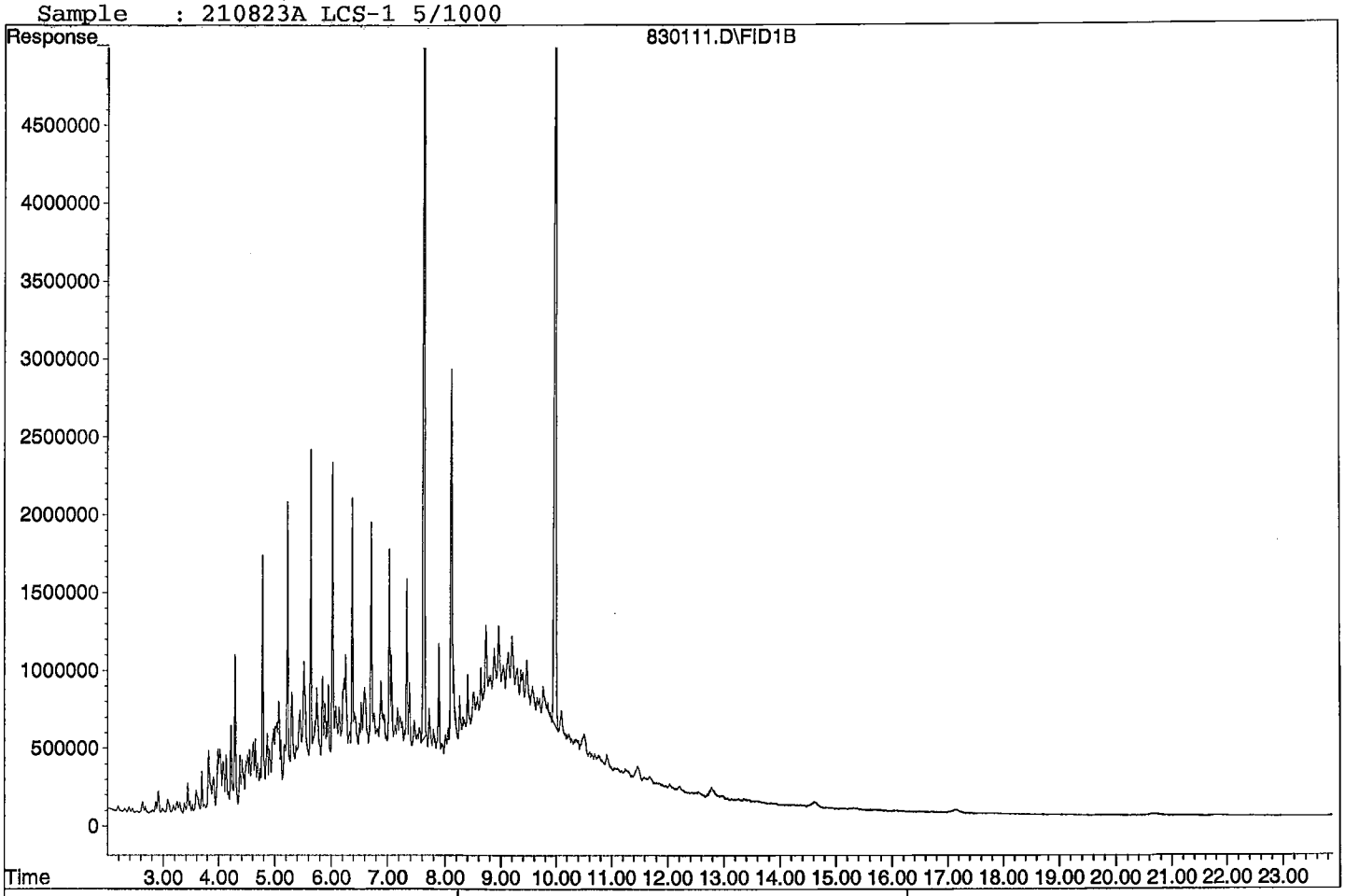
Data File : G:\APOLLO\DATA\210830\830111.D Vial: 11
Acq On : 9-1-21 18:01:16 Operator: KA
Sample : 210823A LCS-1 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 8 17:09 2021 Quant Results File: DOC0830.RES

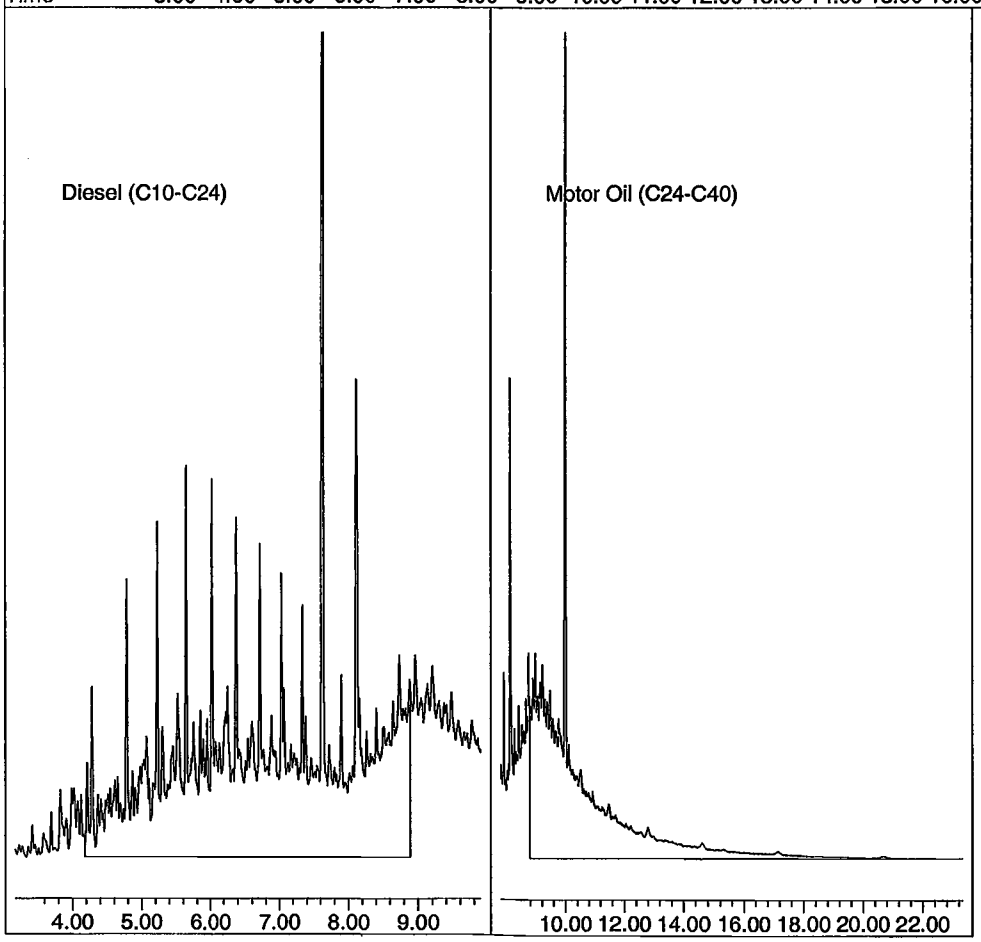
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 10:23:52 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	158626412	153.072 ppb
Surrogate Spike 150.000		Recovery =	102.05%
4) SA Octacosane(S)	9.98	133118828	172.758 ppb
Surrogate Spike 150.000		Recovery =	115.17%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	1686353441	2087.488 ppb
2) HBTM Motor Oil (C24-C40)	15.55	1332895507	2212.250 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\210830\830111.D
Sample : 210823A LCS-1 5/1000





TPH Extractables
DOC0830

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 9/3/2021
Instrument: Apollo
Initial Cal. Date: 8/30/2021
Data File: 903010.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2019600	2069420	2.5	HATM	
2	HBTM	Motor Oil (C24-C40)	2035830	1706730	16	HBTML	12
3	SA	Ortho-Terphenyl(S)	2590720	2600050	0.36	SA	
4	SA	Octacosane(S)	1926380	2079200	7.9	SA	
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		Average			6.7		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210903\903010.D Vial: 10
Acq On : 9-3-21 14:26:57 Operator: KA
Sample : Diesel Motor Oil CCV 9/03/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 3 14:54 2021 Quant Results File: DOC0830.RES

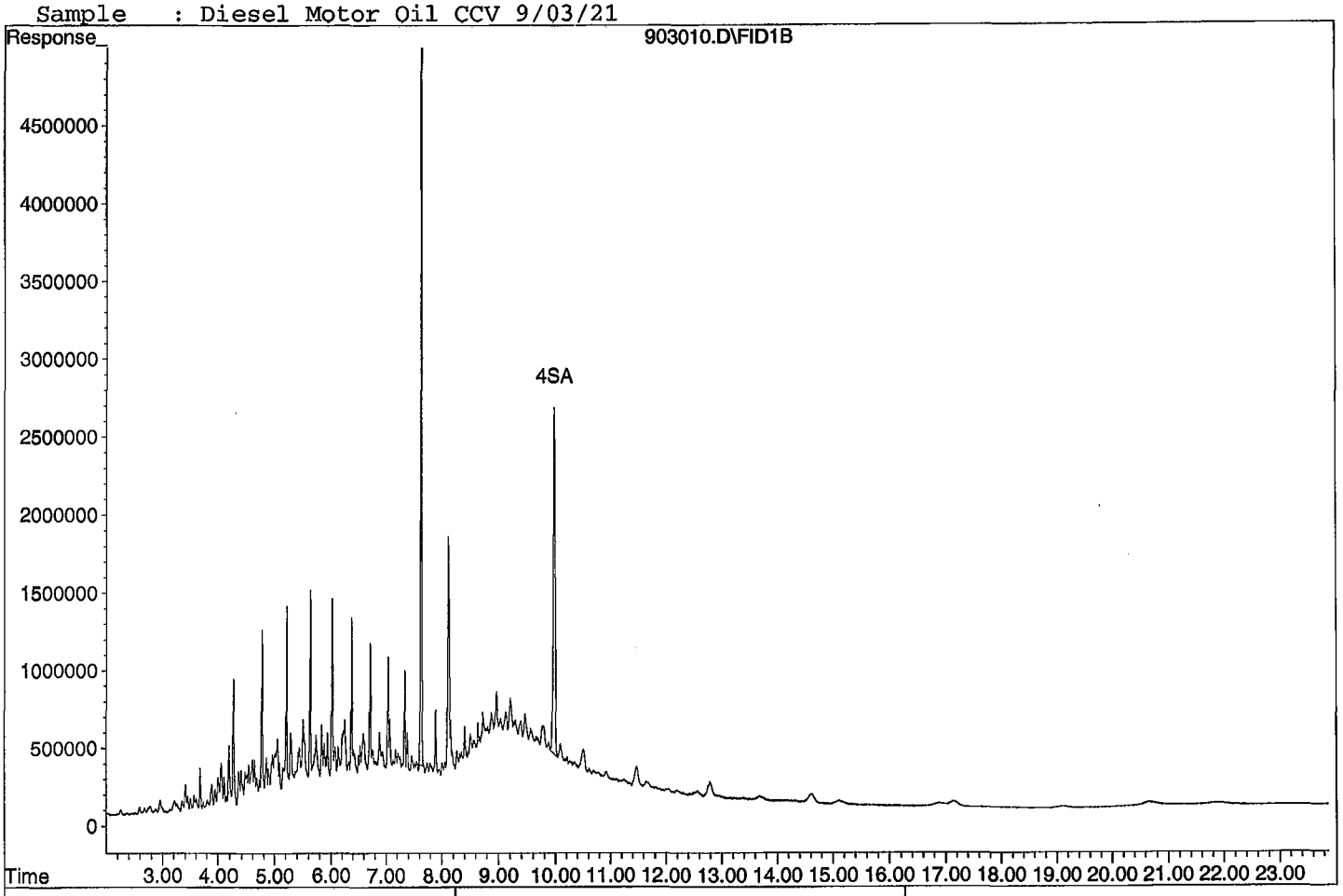
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 10:23:52 2021
Response via : Multiple Level Calibration

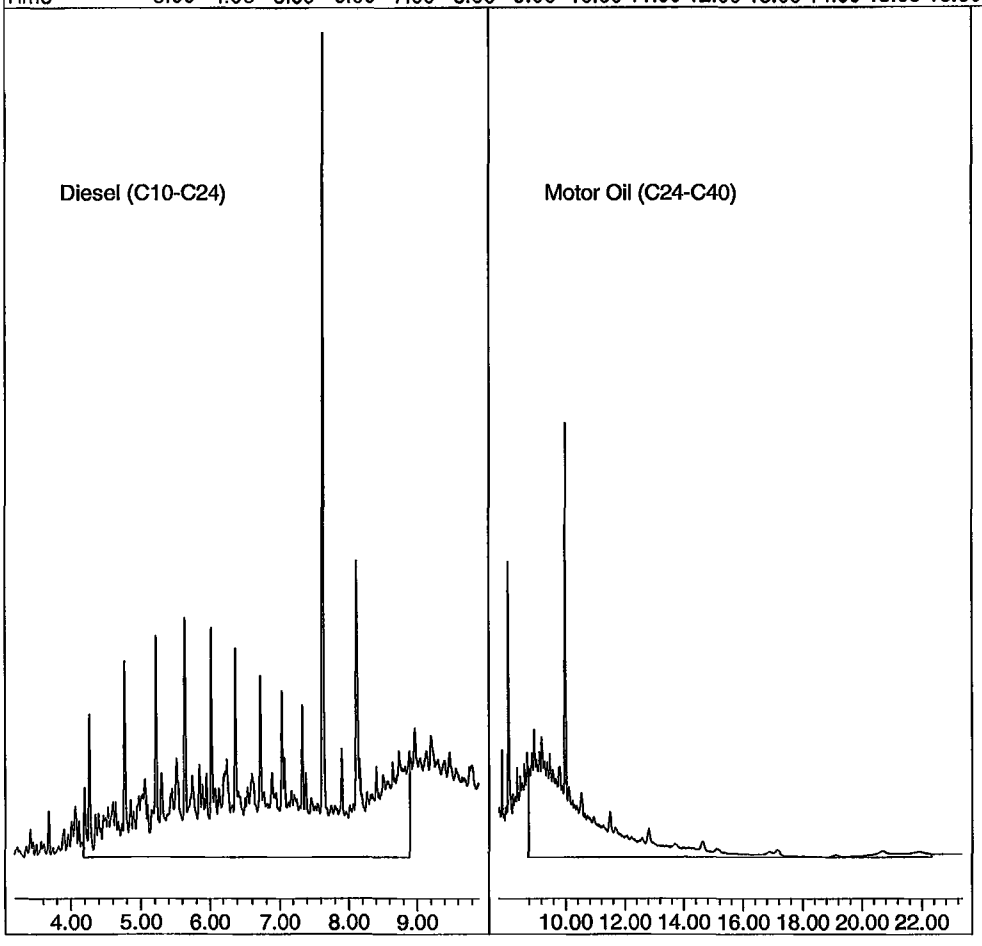
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.62	65001341	12.545 ppb
Surrogate Spike 30.000		Recovery =	41.82%
4) SA Octacosane(S)	9.98	51979947	13.492 ppb
Surrogate Spike 30.000		Recovery =	44.97%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	1034708039	256.167 ppb
2) HBTM Motor Oil (C24-C40)	15.55	853365976	280.367 ppb

Target Compounds

Data File: G:\APOLLO\DATA\210903\903010.D
Sample : Diesel Motor Oil CCV 9/03/21





TPH Extractables
DOC0830

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 9/3/2021
Instrument: Apollo
Initial Cal. Date: 8/30/2021
Data File: 903021.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2019600	2124310	5.2	HATM	
2	HBTM	Motor Oil (C24-C40)	2035830	1698470	17	HBTML	12
3	SA	Ortho-Terphenyl(S)	2590720	2772920	7.0	SA	
4	SA	Octacosane(S)	1926380	2117190	9.9	SA	
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		Average			9.8		

Quantitation Report (Not Reviewed)

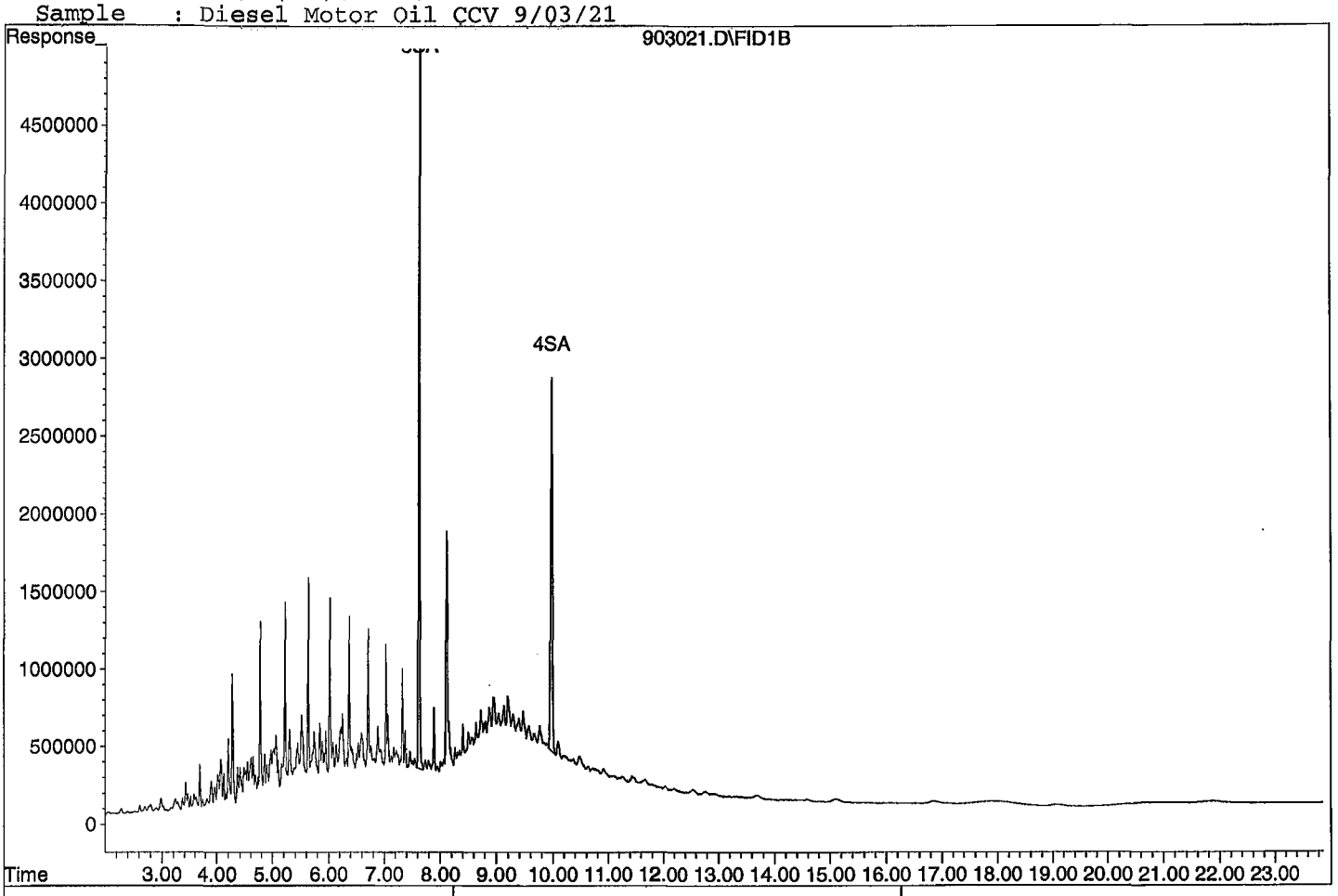
Data File : G:\APOLLO\DATA\210903\903021.D Vial: 21
Acq On : 9-3-21 19:40:41 Operator: KA
Sample : Diesel Motor Oil CCV 9/03/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 4 11:15 2021 Quant Results File: DOC0830.RES

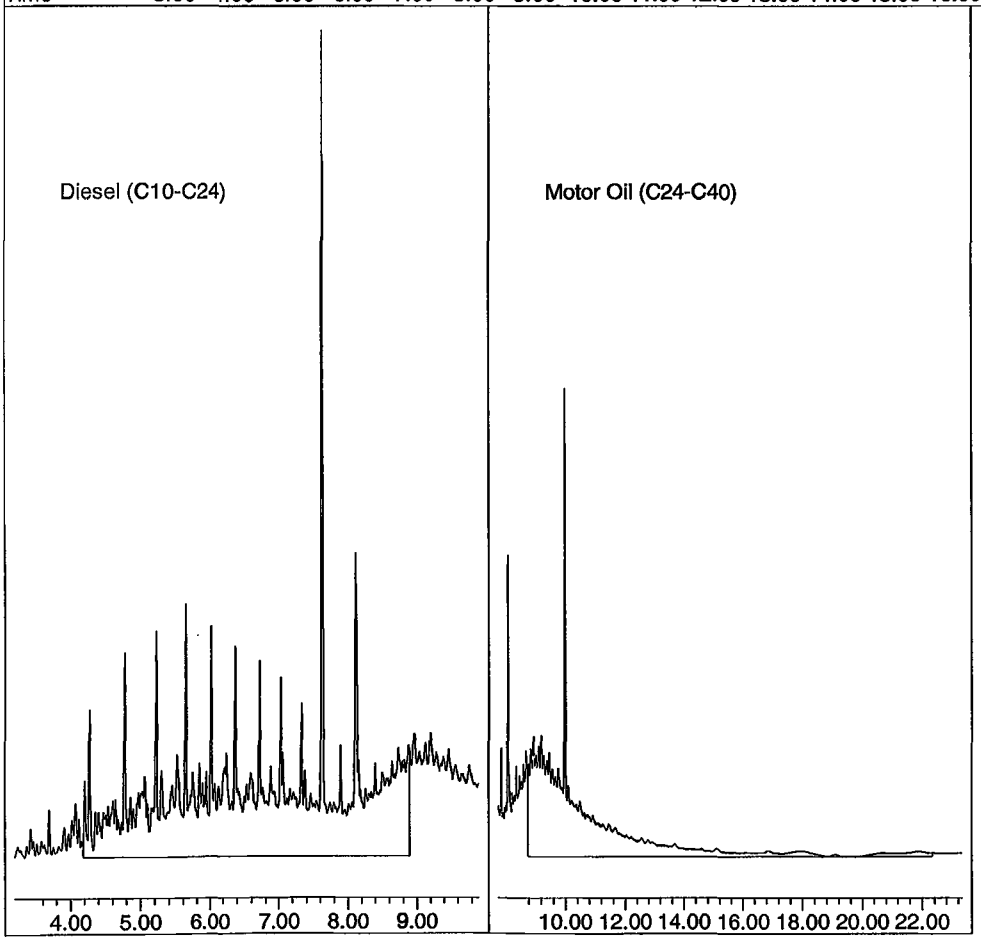
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 10:23:52 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.62	69322952	13.379 ppb
Surrogate Spike 30.000		Recovery =	44.60%
4) SA Octacosane(S)	9.97	52929702	13.738 ppb
Surrogate Spike 30.000		Recovery =	45.79%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	1062153214	262.962 ppb
2) HBTM Motor Oil (C24-C40)	15.55	849236932	278.971 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\210903\903021.D
Sample : Diesel Motor Oil CCV 9/03/21





TPH Extractables
DOC0830

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 9/9/2021
Instrument: Apollo
Initial Cal. Date: 8/30/2021
Data File: 907092.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2019600	2166510	7.3	HATM	
2	HBTM	Motor Oil (C24-C40)	2035830	1514860	26	HBTML	0.82
3	SA	Ortho-Terphenyl(S)	2590720	2574440	0.63	SA	
4	SA	Octacosane(S)	1926380	1886340	2.1	SA	
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		Average			9.0		

Quantitation Report (Not Reviewed)

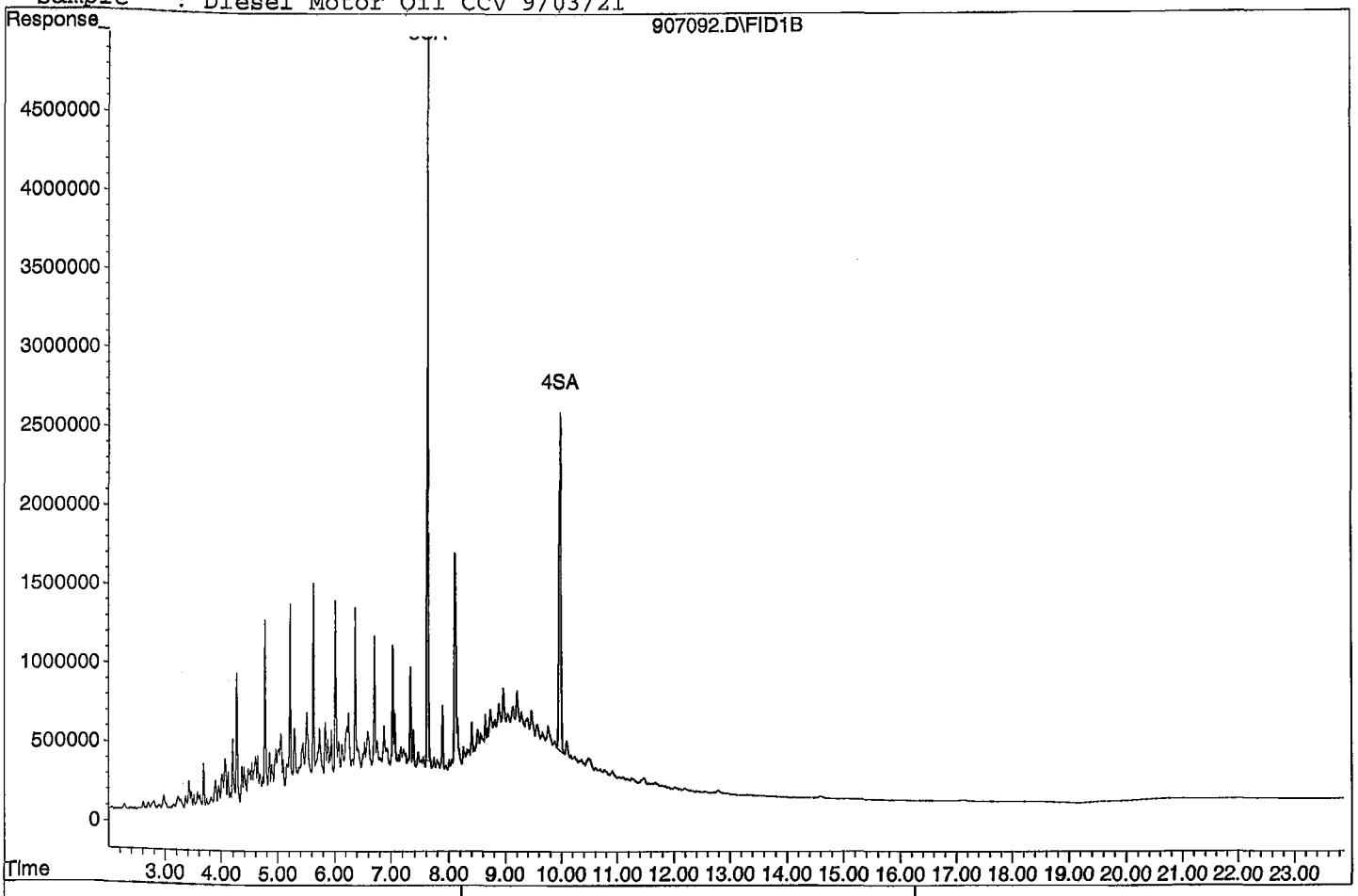
Data File : G:\APOLLO\DATA\210907\907092.D Vial: 92
Acq On : 9-9-21 7:20:33 Operator: KA
Sample : Diesel Motor Oil CCV 9/03/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 23 11:51 2021 Quant Results File: DOC0830.RES

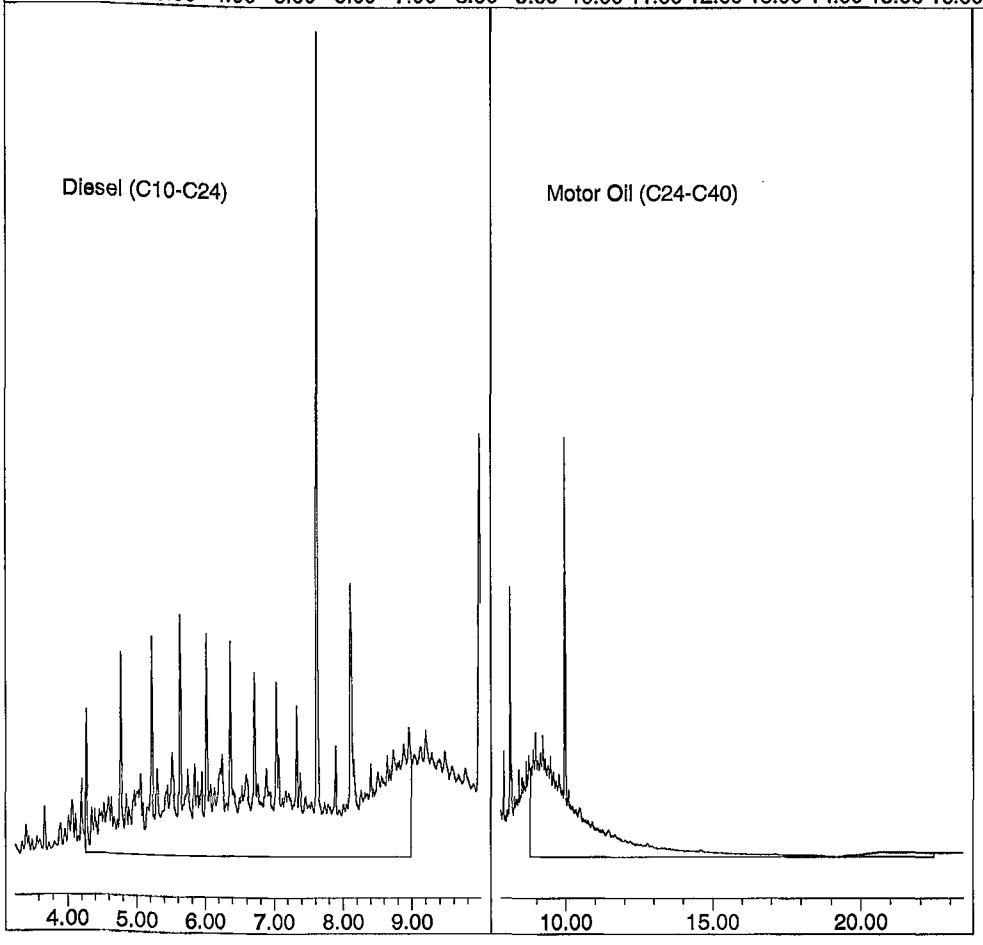
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 10:23:52 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.62	64360916	12.421 ppb
Surrogate Spike 30.000	Recovery =		41.40%
4) SA Octacosane(S)	9.97	47158469	12.240 ppb
Surrogate Spike 30.000	Recovery =		40.80%
Target Compounds			
1) HATM Diesel (C10-C24)	6.63	1083255709	268.186 ppb
2) HBTM Motor Oil (C24-C40)	15.62	757431463	247.941 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\210907\907092.D
Sample : Diesel Motor Oil CCV 9/03/21





TPH Extractables
DOC0830

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 9/9/2021
Instrument: Apollo
Initial Cal. Date: 8/30/2021
Data File: 907104.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2019600	2312160	14	HATM	
2	HBTM	Motor Oil (C24-C40)	2035830	1556950	24	HBTML	2.0
3	SA	Ortho-Terphenyl(S)	2590720	2896070	12	SA	
4	SA	Octacosane(S)	1926380	1935490	0.47	SA	
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		Average			12.6		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210907\907104.D Vial: 4
Acq On : 9-9-21 13:00:58 Operator: KA
Sample : Diesel Motor Oil CCV 9/03/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 23 11:51 2021 Quant Results File: DOC0830.RES

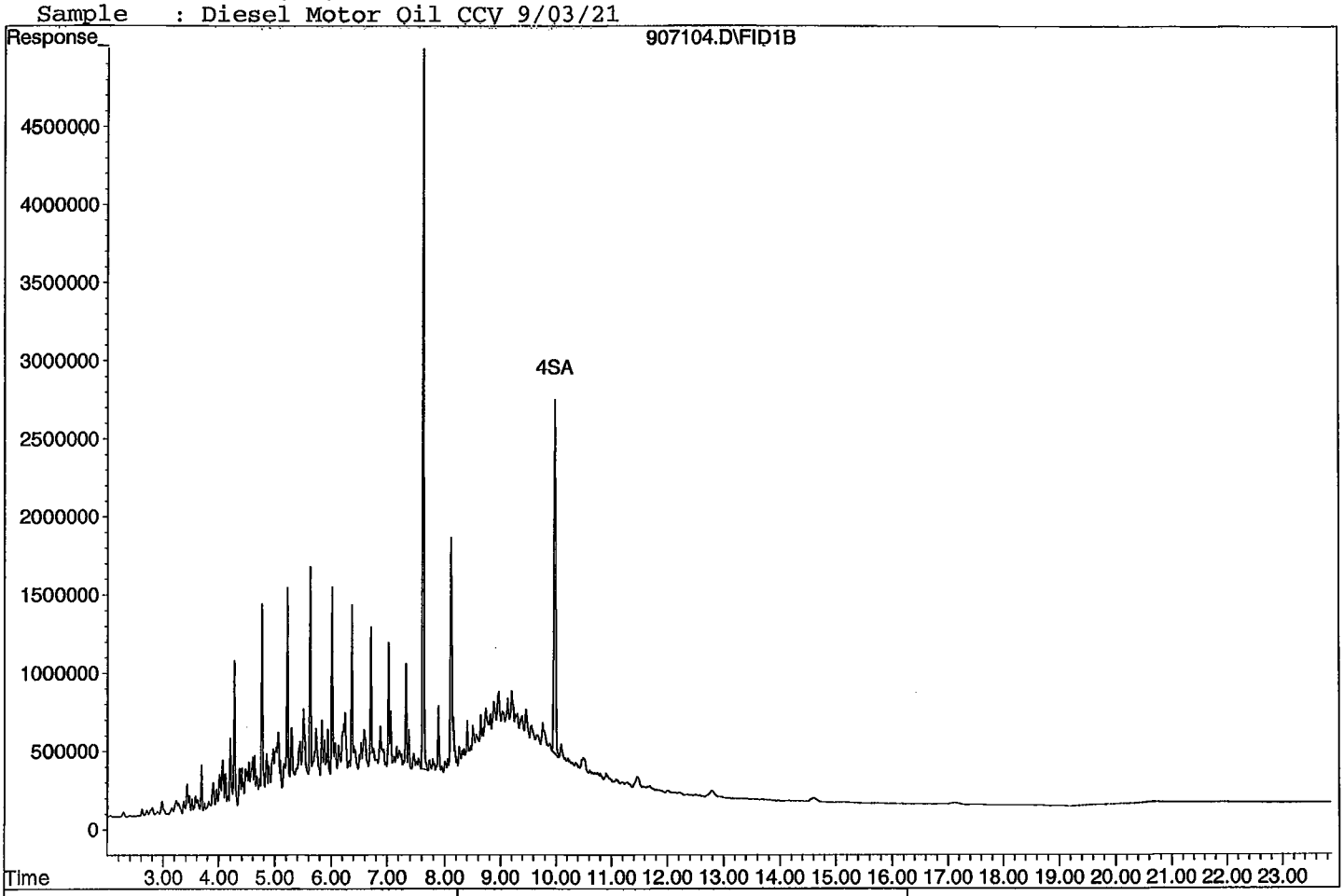
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 10:23:52 2021
Response via : Multiple Level Calibration

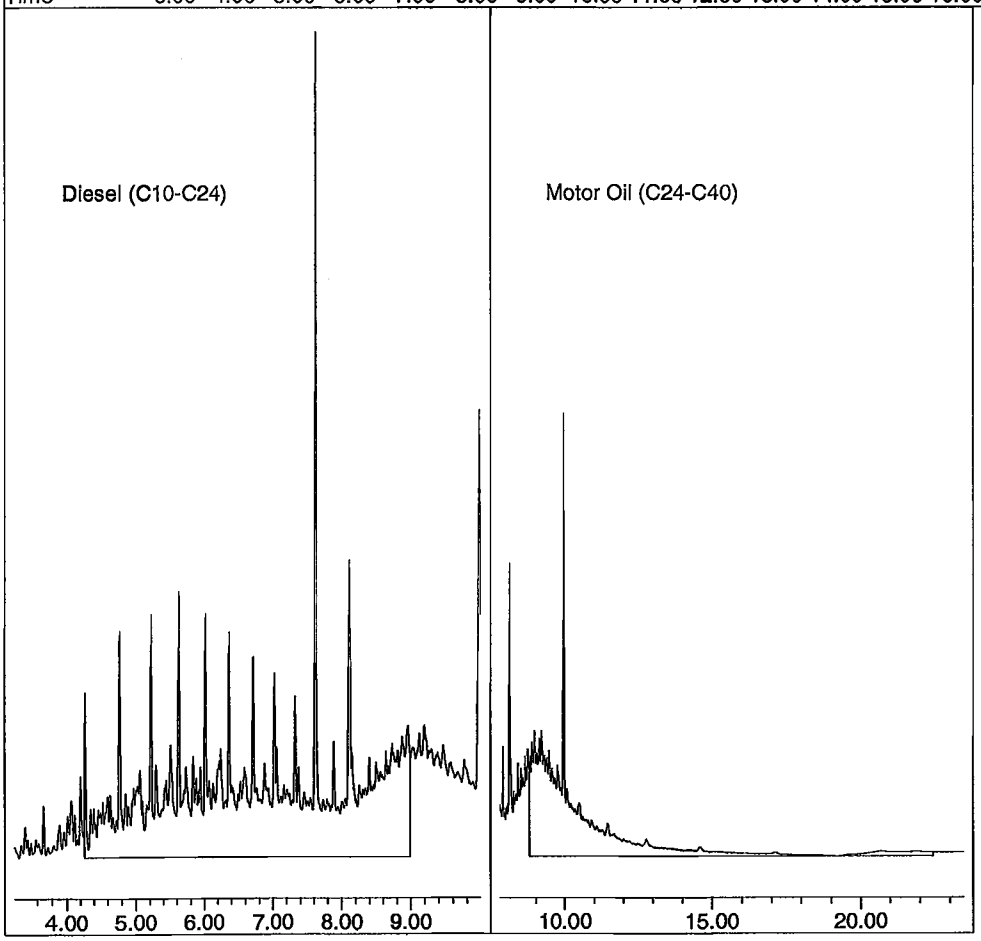
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.62	72401812	13.973 ppb
Surrogate Spike 30.000	Recovery =		46.58%
4) SA Octacosane(S)	9.97	48387331	12.559 ppb
Surrogate Spike 30.000	Recovery =		41.86%
Target Compounds			
1) HATM Diesel (C10-C24)	6.63	1156080399	286.216 ppb
2) HBTM Motor Oil (C24-C40)	15.62	778477144	255.054 ppb

Target Compounds

Data File: G:\APOLLO\DATA\210907\907104.D
Sample : Diesel Motor Oil CCV 9/03/21





ORGANICS

Raw Data

Quantitation Report (QT Reviewed)

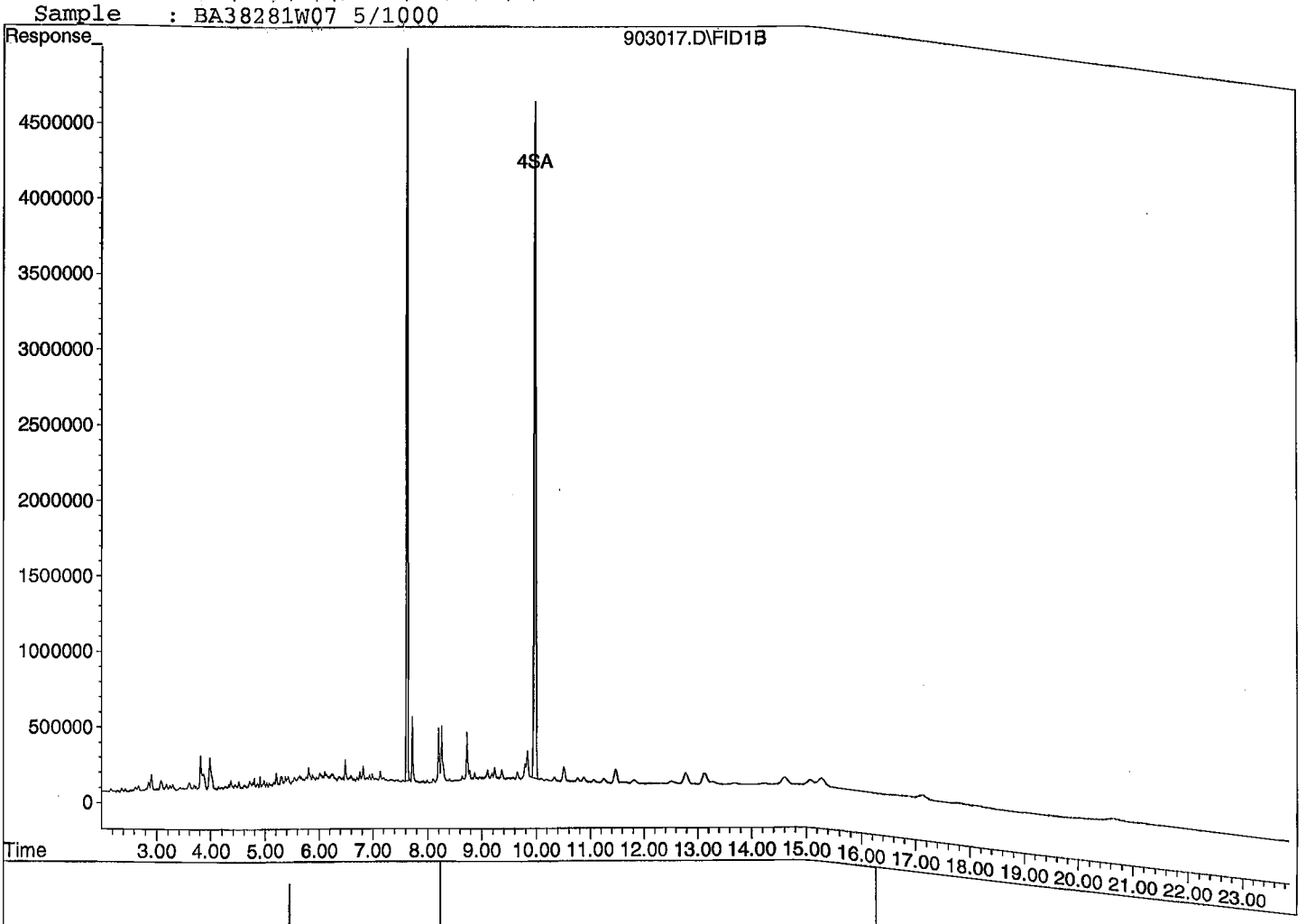
Data File : G:\APOLLO\DATA\210903\903017.D Vial: 17
Acq On : 9-3-21 17:47:25 Operator: KA
Sample : BA38281W07 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 8 17:16 2021 Quant Results File: DOC0830.RES

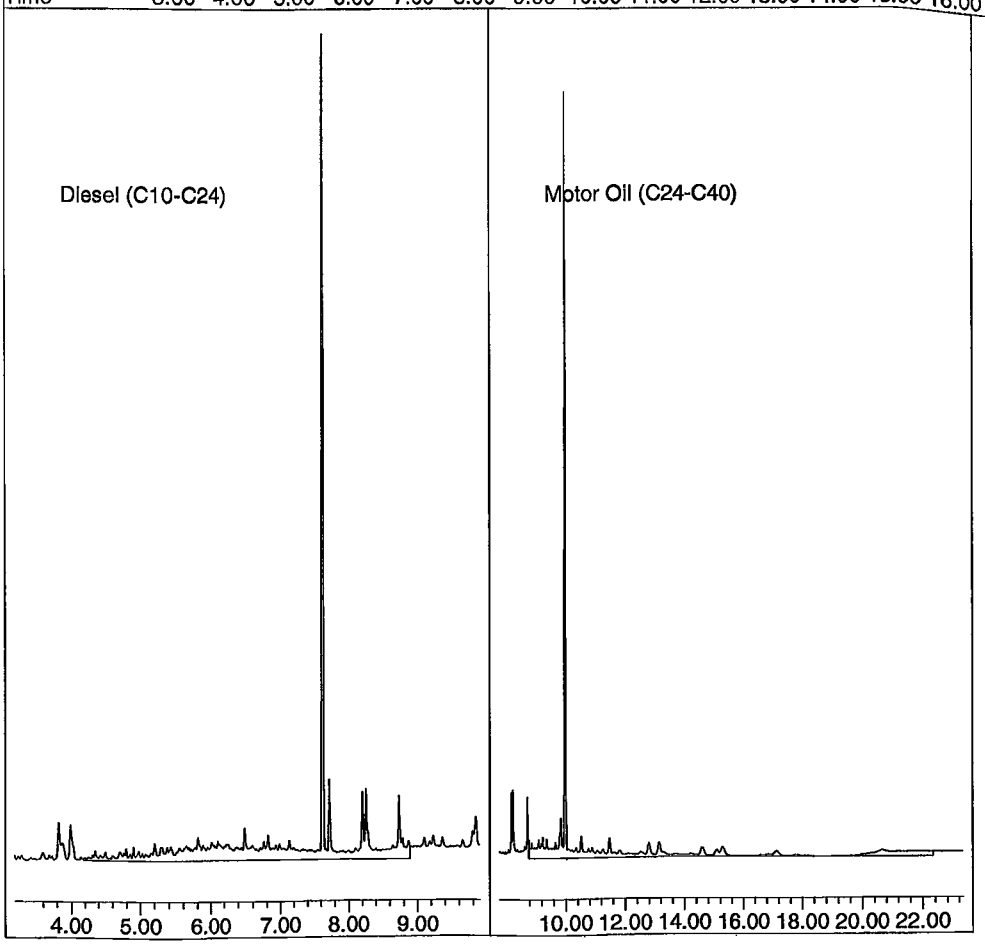
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 10:23:52 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.62	102531841	98.942 ppb
Surrogate Spike 150.000		Recovery =	65.96%
4) SA Octacosane(S)	9.97	97863955	127.005 ppb
Surrogate Spike 150.000		Recovery =	84.67%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	188467380	233.298 ppb
2) HBTM Motor Oil (C24-C40)	15.55	206909906	309.309 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\210903\903017.D
Sample : BA38281W07 5/1000





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\210903\903018.D Vial: 18
Acq On : 9-3-21 18:15:36 Operator: KA
Sample : BA38283W08 5/1040 Inst : Apollo
Misc : water Multiplr: 4.81
IntFile : events.e
Quant Time: Sep 8 17:16 2021 Quant Results File: DOC0830.RES

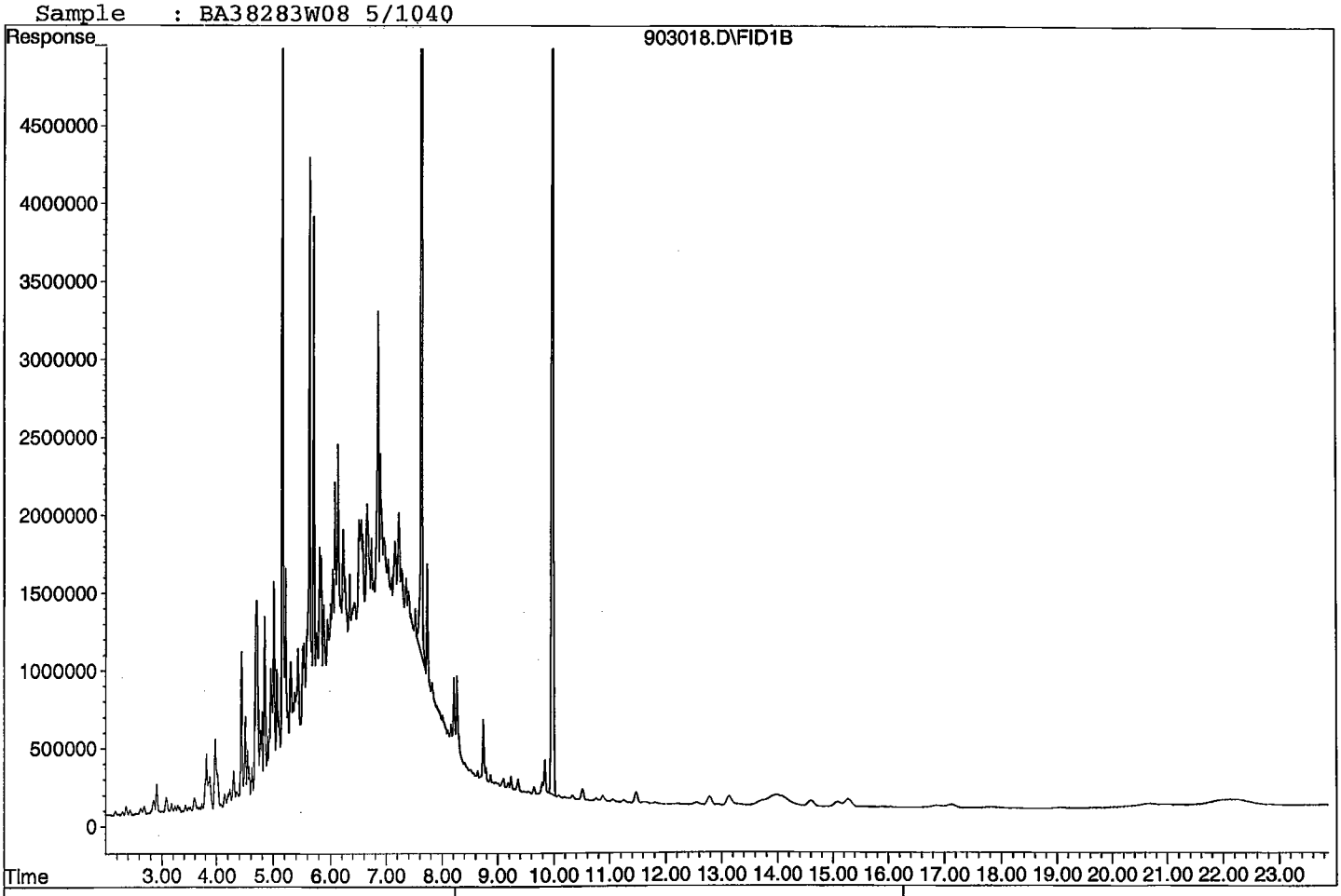
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 10:23:52 2021
Response via : Multiple Level Calibration

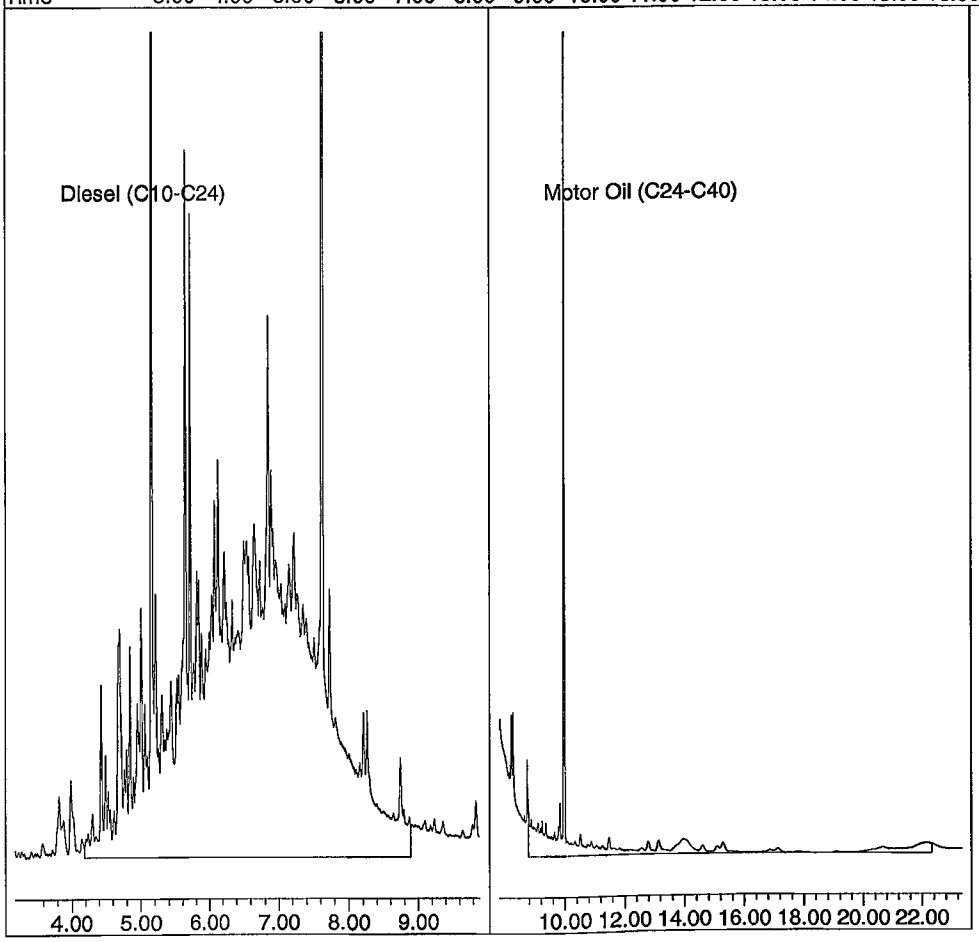
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.62	146835788	136.244 ppb
Surrogate Spike 144.231		Recovery =	94.46%
4) SA Octacosane(S)	9.97	134933370	168.378 ppb
Surrogate Spike 144.231		Recovery =	116.74%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	2771603993	3298.929 ppb
2) HBTM Motor Oil (C24-C40)	15.55	313928081	471.320 ppb

Target Compounds

Data File: G:\APOLLO\DATA\210903\903018.D
Sample : BA38283W08 5/1040





Quantitation Report (QT Reviewed)

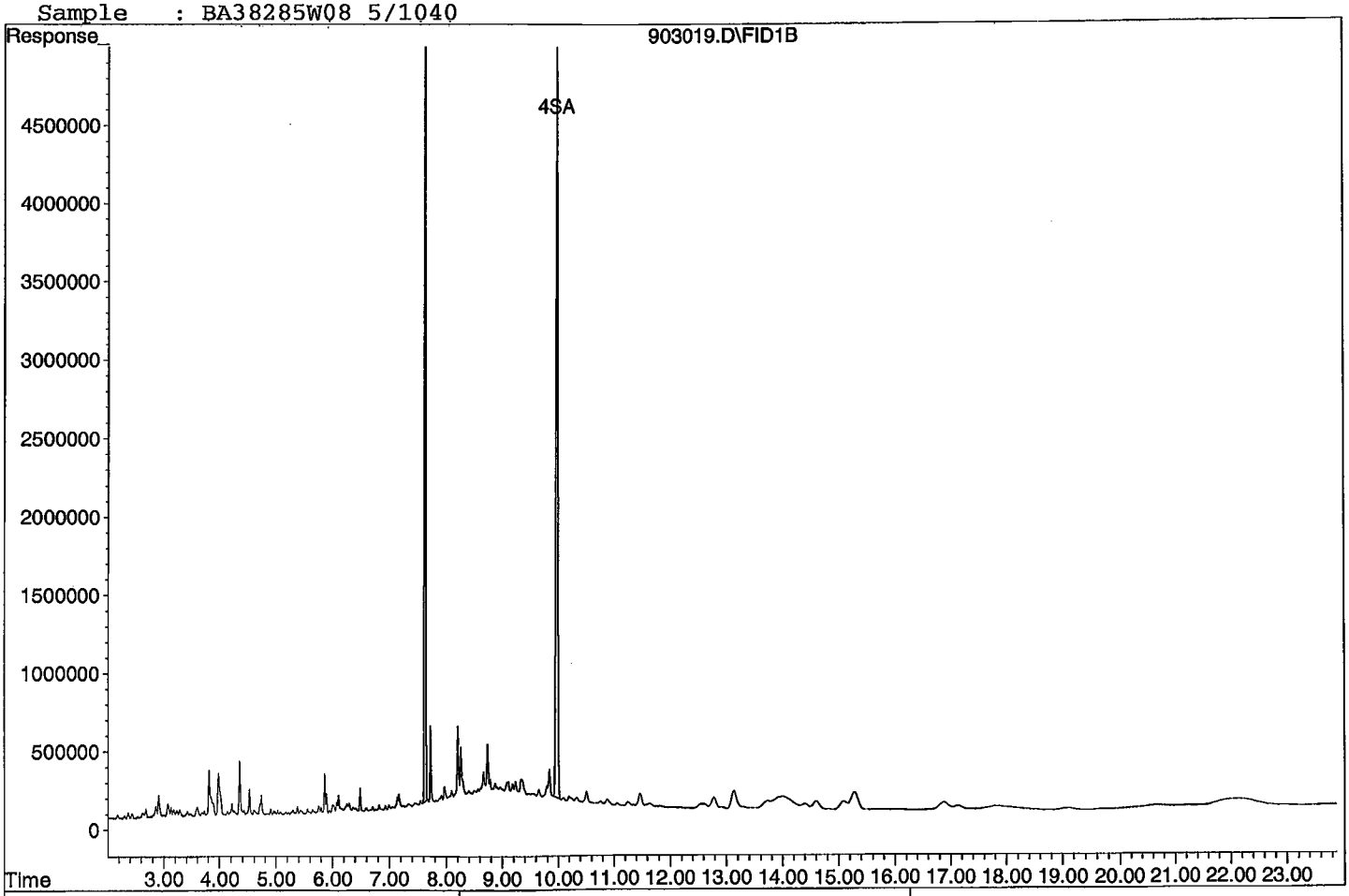
Data File : G:\APOLLO\DATA\210903\903019.D Vial: 19
Acq On : 9-3-21 18:43:59 Operator: KA
Sample : BA38285W08 5/1040 Inst : Apollo
Misc : water Multiplr: 4.81
IntFile : events.e
Quant Time: Sep 8 17:16 2021 Quant Results File: DOC0830.RES

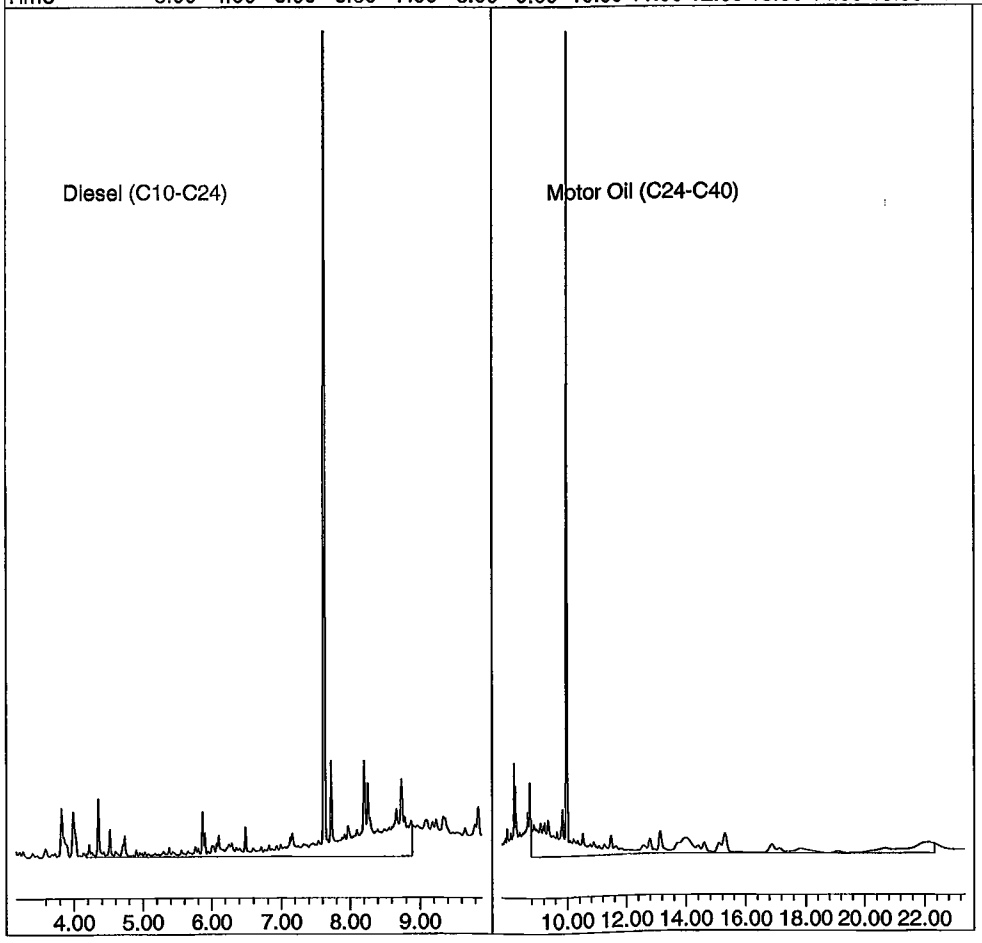
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 10:23:52 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.62	109491662	101.594 ppb
Surrogate Spike 144.231		Recovery =	70.44%
4) SA Octacosane(S)	9.97	105847944	132.083 ppb
Surrogate Spike 144.231		Recovery =	91.58%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	224226485	266.888 ppb
2) HBTM Motor Oil (C24-C40)	15.55	344222736	520.549 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\210903\903019.D
Sample : BA38285W08 5/1040





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\210903\903020.D
Acq On : 9-3-21 19:12:21
Sample : BA38287W08 5/1000
Misc : water
IntFile : events.e
Quant Time: Sep 8 17:16 2021 Quant Results File: DOC0830.RES

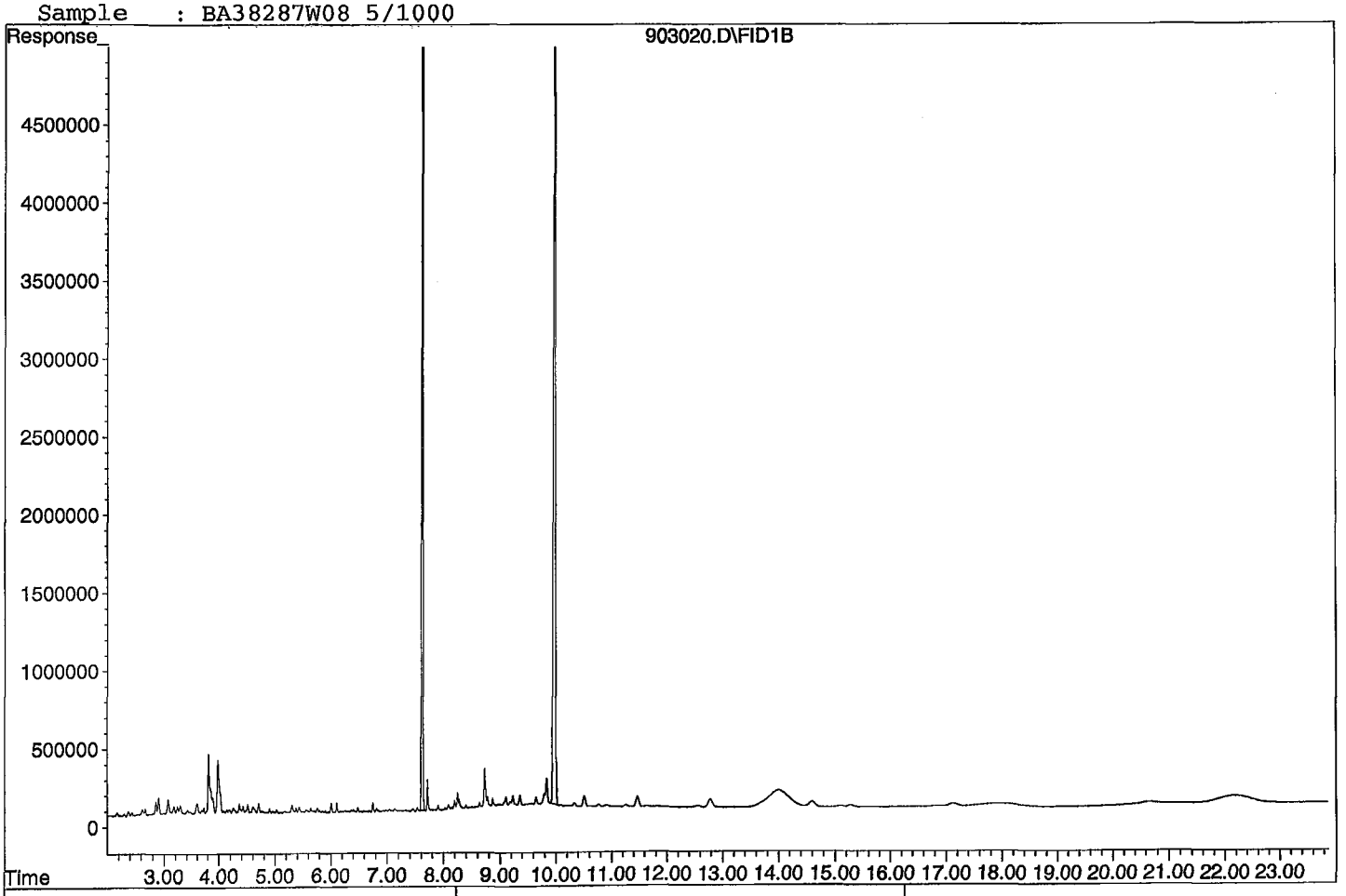
Vial: 20
Operator: KA
Inst : Apollo
Multiplr: 5.00

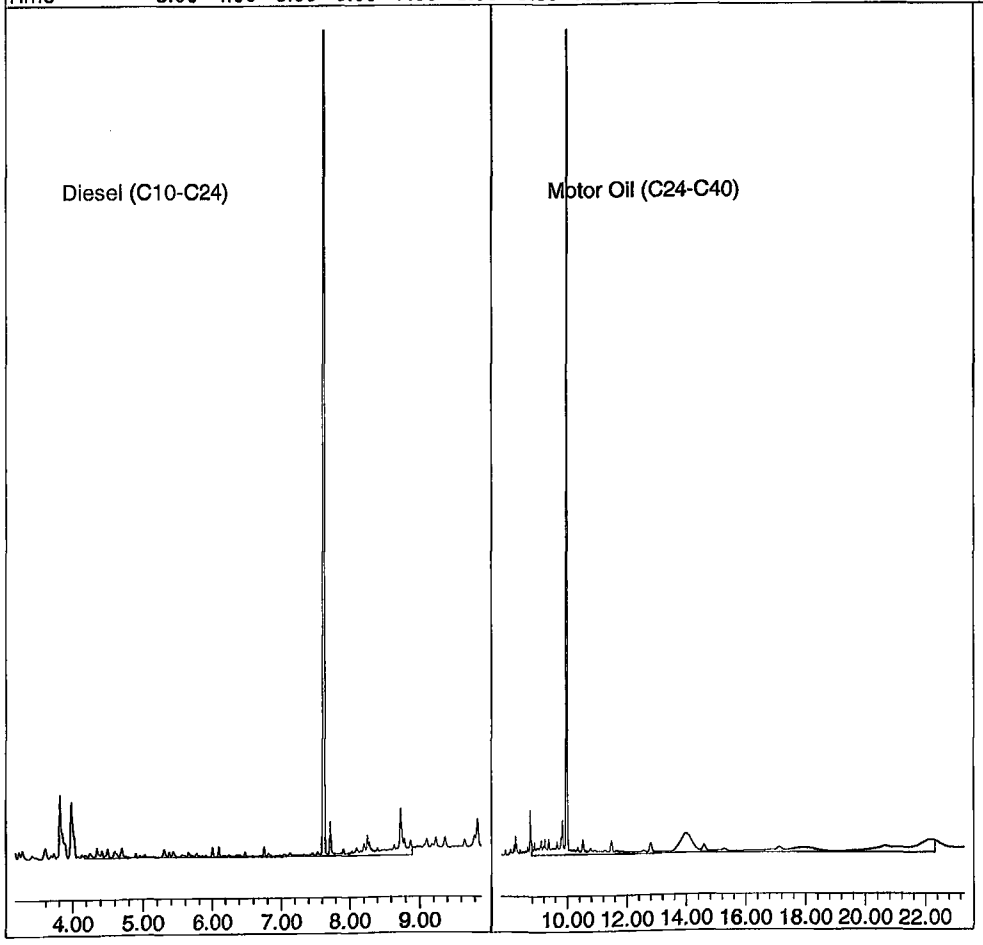
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 10:23:52 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.62	132289025	127.657 ppb
Surrogate Spike 150.000		Recovery =	85.10%
4) SA Octacosane(S)	9.97	126182154	163.756 ppb
Surrogate Spike 150.000		Recovery =	109.17%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	56223775	69.598 ppb
2) HBTM Motor Oil (C24-C40)	15.55	212649050	319.009 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\210903\903020.D
Sample : BA38287W08 5/1000





Quantitation Report (QT Reviewed)

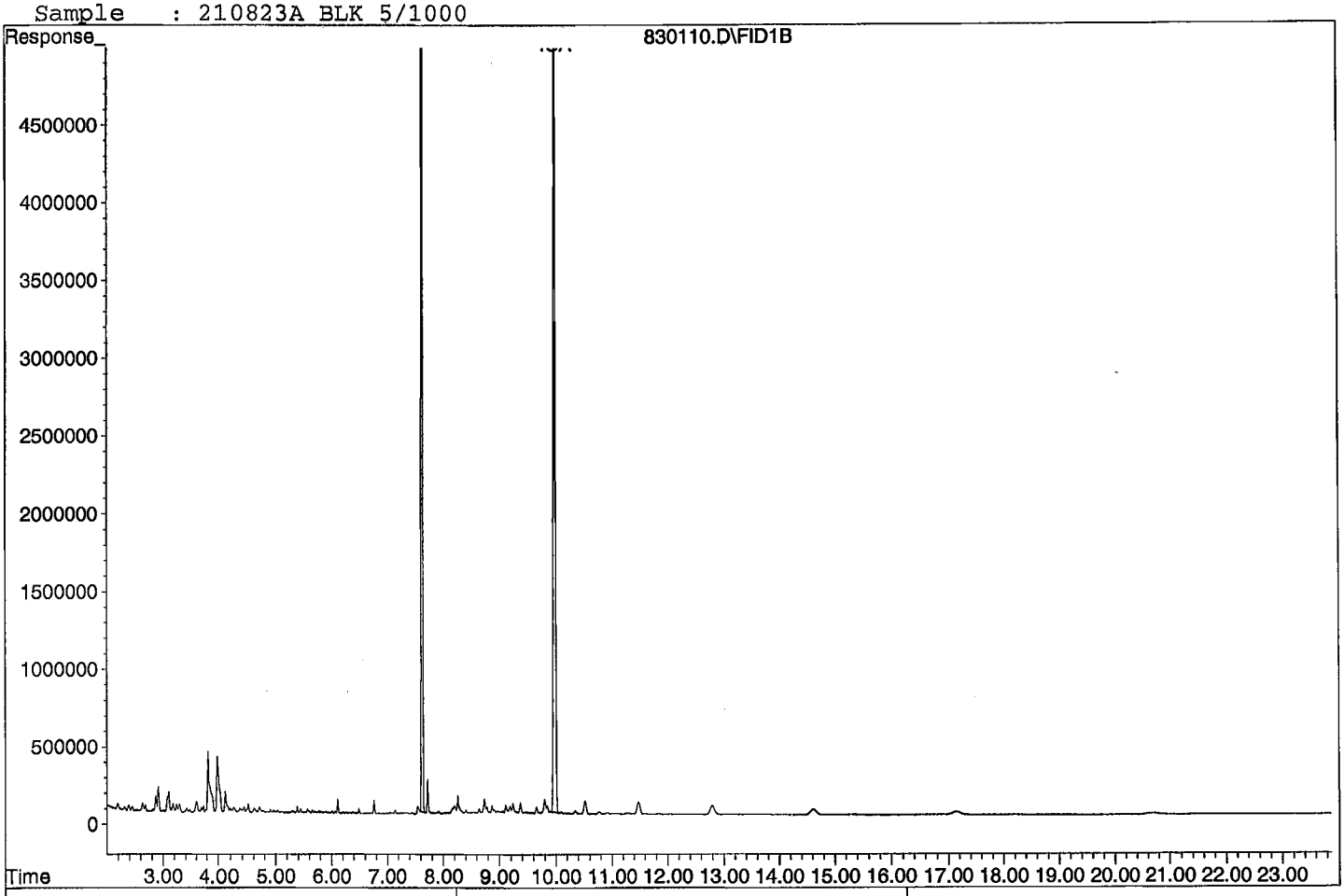
Data File : G:\APOLLO\DATA\210830\830110.D Vial: 10
Acq On : 9-1-21 17:32:54 Operator: KA
Sample : 210823A BLK 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 8 17:08 2021 Quant Results File: DOC0830.RES

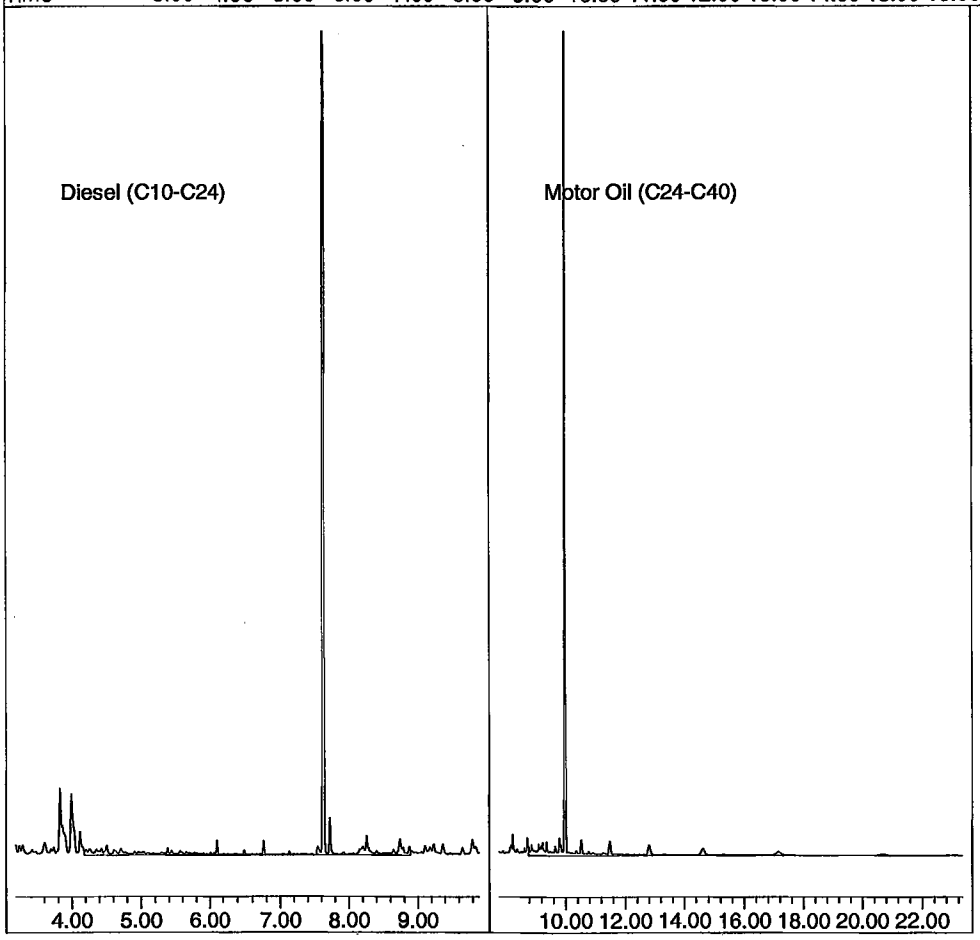
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 10:23:52 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	133554019	128.878 ppb
Surrogate Spike 150.000		Recovery =	85.92%
4) SA Octacosane(S)	9.98	123402627	160.149 ppb
Surrogate Spike 150.000		Recovery =	106.77%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	43998647	54.465 ppb
2) HBTM Motor Oil (C24-C40)	15.55	78608343	92.477 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\210830\830110.D
Sample : 210823A BLK 5/1000





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\210830\830111.D Vial: 11
Acq On : 9-1-21 18:01:16 Operator: KA
Sample : 210823A LCS-1 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 8 17:09 2021 Quant Results File: DOC0830.RES

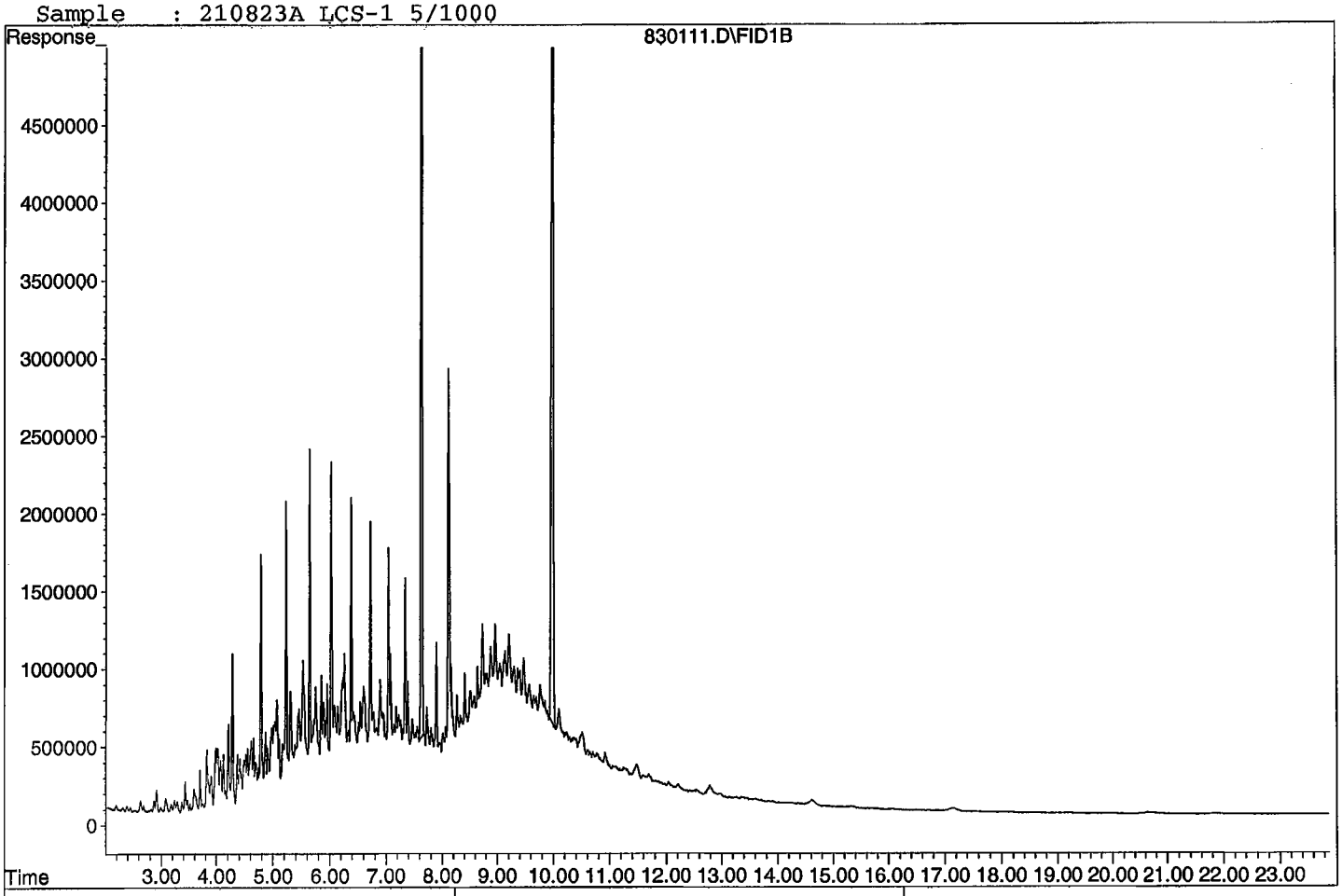
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 10:23:52 2021
Response via : Multiple Level Calibration

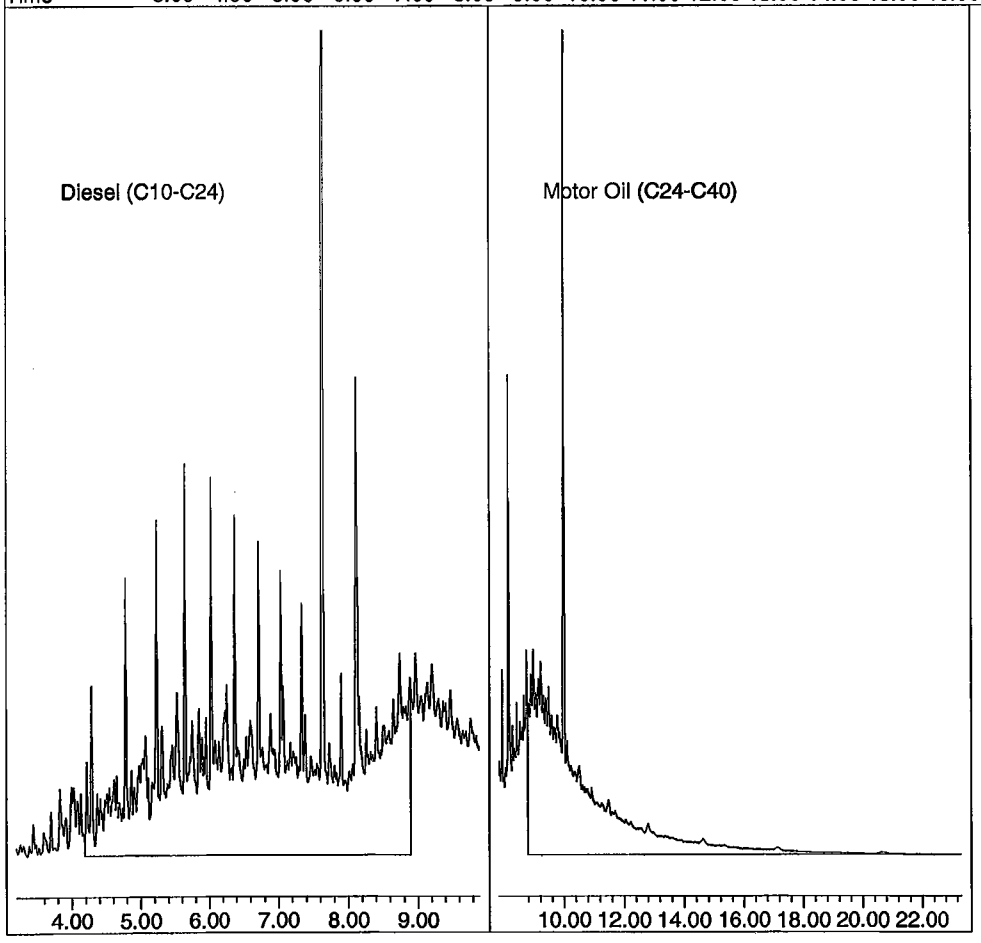
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	158626412	153.072 ppb
Surrogate Spike 150.000		Recovery =	102.05%
4) SA Octacosane(S)	9.98	133118828	172.758 ppb
Surrogate Spike 150.000		Recovery =	115.17%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	1686353441	2087.488 ppb
2) HBTM Motor Oil (C24-C40)	15.55	1332895507	2212.250 ppb

Target Compounds

Data File: G:\APOLLO\DATA\210830\830111.D
Sample : 210823A LCS-1 5/1000





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210907\907101.D Vial: 1
Acq On : 9-9-21 11:35:46 Operator: KA
Sample : 210823A LCSD-1 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 23 11:51 2021 Quant Results File: DOC0830.RES

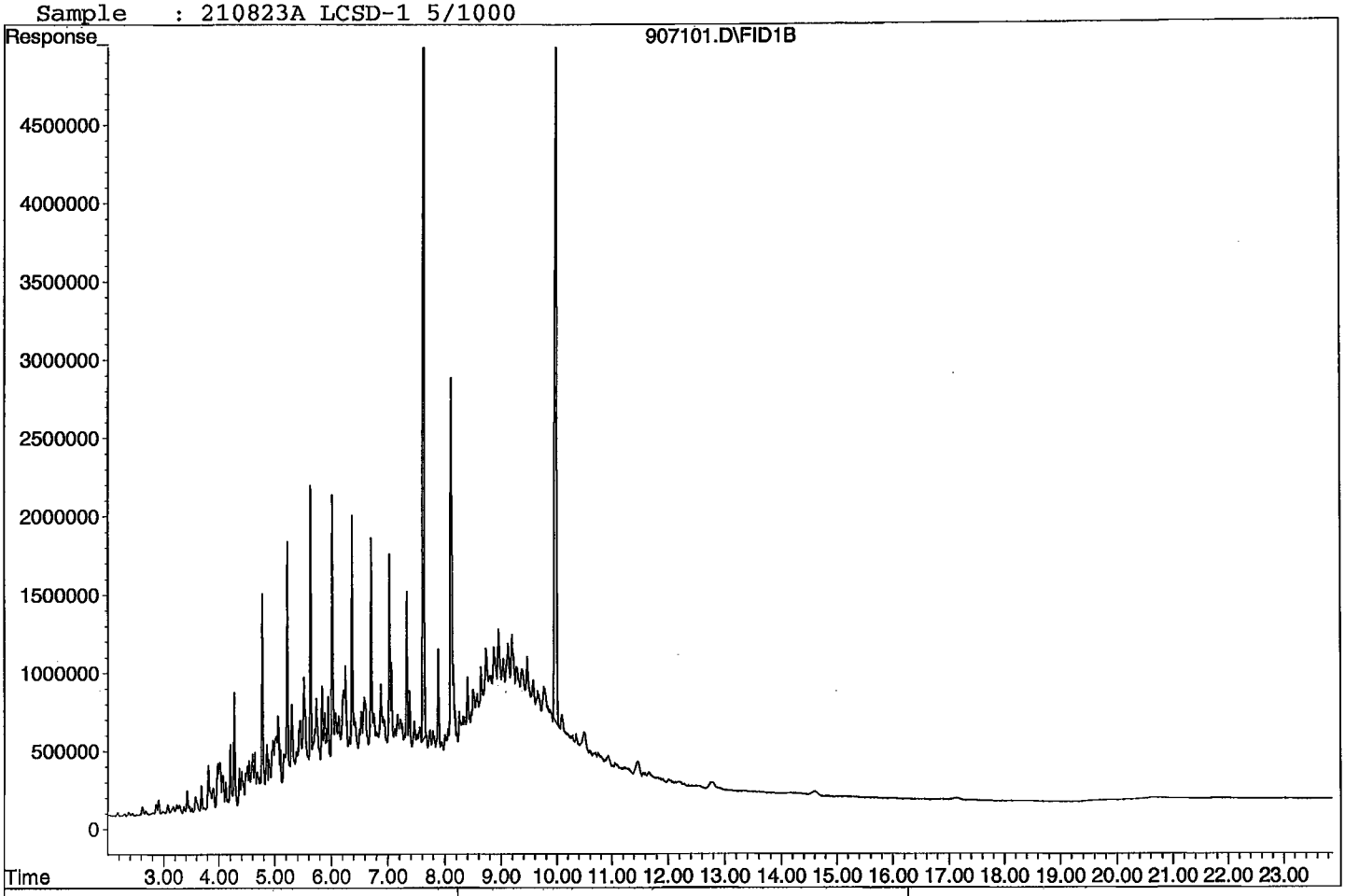
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 10:23:52 2021
Response via : Multiple Level Calibration

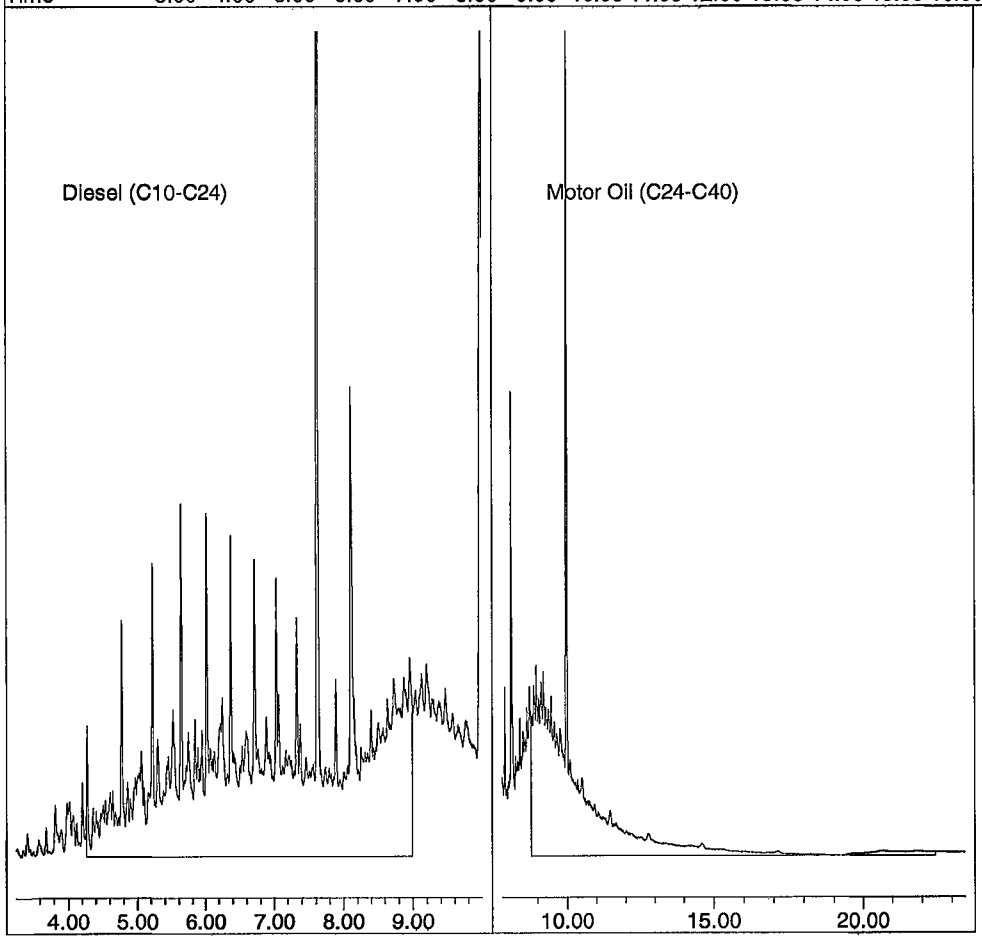
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.62	146624985	141.491 ppb
Surrogate Spike 150.000		Recovery =	94.33%
4) SA Octacosane(S)	9.98	109548641	142.169 ppb
Surrogate Spike 150.000		Recovery =	94.78%
Target Compounds			
1) HATM Diesel (C10-C24)	6.63	1636290737	2025.517 ppb
2) HBTM Motor Oil (C24-C40)	15.62	1112976380	1840.582 ppb
Target Compounds			

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

Data File: G:\APOLLO\DATA\210907\907101.D
Sample : 210823A LCSD-1 5/1000





Diesel / Motor Oil Calibration Curve

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

Prepared By (Initials): KA

Methylene Chloride
Lot No. 60338

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

Diesel / Motor Oil Second Source

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

Prepared By (Initials): SS

Methylene Chloride Lot No. 58059

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

Diesel / Motor Oil CCV

Prepared: 9/3/2021
Expires: 9/3/2022
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: 9/03/21 A0164485-52822, A0166510-52664 and 52818, and CL15902-51797	**9/3/2022**	**10/31/2027 12/31/2027 5/31/2026**	1250uL	10mL	MC	250

Diesel / Motor Oil CCV

Prepared: 8/24/2021
Expires: 8/24/2022

Prepared By (Initials): KA

Methylene Chloride
Lot No. 61117

Initial Standard Information							Final Standard Information			
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	**Prepared 8/23/21 A0164485-52662, A0165510-52666, CL16893-52844**	**8/23/2022**	**10/31/2027 03/31/2028 5/31/2026**	1250uL	10mL	MC	250

Diesel Motor Oil Mix

Prepared: 7/19/2021

Prepared By (Initials): MB

Expires: 7/19/2022

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Diesel Fuel #2	Restek	31258	50,000	A0164485-52660,52480,52661	6/28/2022	2/28/2027	4.00 mL	8.0 mL	NA	25,000
Motor Oil Composite	Restek	31464	50,000	A0166510-52665,52666.52667	6/28/2022	9/30/2027	4.00 mL			25,000

THC Surrogate

Prepared: 8/16/2021 **KA**

Expires: 8/16/2022

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
O-terphenyl / Octacosane Mix	Phenova	ALO-130161	600	**CL16893-52843**	**8/16/2022**	**5/31/2026**	N/A	N/A	N/A	600

Organic Extraction Worksheet

Method	Continuous Liq/Liq TPH- 3520C w/SGC	Extraction Set	210823A	Extraction Method	LIQ005SGC	Units	mL

Spiked ID 1	Diesel Motor Oil Mix 7-19-21 7-19-22		Surrogate ID 1	THC Surrogate 8-16-21 8-16-22	
Spiked ID 2	Decanoic 1000ug/mL Acid Solution		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:		
Spiked ID 8			Ext. End Time:		
			GC Requires Extract By:		

pH1	2		Water Bath Temp 1 °C	
pH2			Water Bath Temp 2 °C	
pH3			Water Bath Temp 3 °C	

Spiked By: YL **Date** 8/24/2021 **Witnessed By:** SR **Date** 8/24/2021

	Sample	Sample Container	Spike Amount	Spike ID	Surrogate Amount	Surrogate ID	Extract Amount	Final Volume	pH	Extract Date/Time	Comments
1	210823A Blk		0.050	2	0.250	1 equip	1000	5	2	08/23/21 16:38	*
2	210823A LCS-1		0.080,0.050	1,2	0.250	1 equip	1000	5	2	08/23/21 16:38	*
3	210823A LCSD-1		0.080,0.050	1,2	0.250	1 equip	1000	5	2	08/23/21 16:38	*
4	BA38152	BA38152W10	0.050	2	0.250	1 equip	1000	5	2	08/23/21 16:38	97207 *
5	BA38175	BA38175W10	0.050	2	0.250	1 equip	1020	5	2	08/23/21 16:38	97211 *
6	BA38176	BA38176W10	0.050	2	0.250	1 equip	1000	5	2	08/23/21 16:38	97211 *
7	BA38254	BA38254W09			0.250	1 equip	1040	5	2	08/23/21 16:38	97217
8	BA38281	BA38281W07	0.050	2	0.250	1 equip	1000	5	2	08/23/21 16:38	97221 *
9	BA38283	BA38283W08	0.050	2	0.250	1 equip	1040	5	2	08/23/21 16:38	97221 *
10	BA38285	BA38285W08	0.050	2	0.250	1 equip	1040	5	2	08/23/21 16:38	97221 *
11	BA38287	BA38287W08	0.050	2	0.250	1 equip	1000	5	2	08/23/21 16:38	97221 *
12	BA38376	BA38376W08			0.250	1 equip	1030	5	2	08/24/21 11:35	97230
13	BA38380	BA38380W14			0.250	1 equip	1040	5	2	08/24/21 11:35	97230

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

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

	Technician's Initials
Scanned By	
Sample Preparation	
Extraction	
Concentration	

Modified	8/27/2021 11:36:47 AM

Reviewed By: **Date**

Injection Log

Directory: G:\APOLLO\DATA\210830\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	4	830004.D	1	DMO STD Curve 1	water	8-30-21 14:23:31
2	5	830005.D	1	DMO STD Curve 2	water	8-30-21 14:52:00
3	6	830006.D	1	DMO STD Curve 3	water	8-30-21 15:20:31
4	7	830007.D	1	DMO STD Curve 4	water	8-30-21 15:48:59
5	8	830008.D	1	DMO STD Curve 5	water	8-30-21 16:17:29
6	9	830009.D	1	DMO STD Curve 6	water	8-30-21 16:45:57
7	10	830010.D	1	DMO STD Curve 7	water	8-30-21 17:14:26
8	11	830011.D	1	DMO Second Source	water	8-30-21 17:43:02
1	9	830109.D	1	Diesel Motor Oil CCV 8/24/21	water	9-1-21 17:04:37
2	10	830110.D	5	210823A BLK 5/1000	water	9-1-21 17:32:54
3	11	830111.D	5	210823A LCS-1 5/1000 / CCV	water	9-1-21 18:01:16
4	10	903010.D	1	Diesel Motor Oil CCV 9/03/21	water	9-3-21 14:26:57
5	17	903017.D	5	BA38281W07 5/1000	water	9-3-21 17:47:25
6	18	903018.D	4.80769	BA38283W08 5/1040	water	9-3-21 18:15:36
7	19	903019.D	4.80769	BA38285W08 5/1040	water	9-3-21 18:43:59
8	20	903020.D	5	BA38287W08 5/1000	water	9-3-21 19:12:21
9	21	903021.D	1	Diesel Motor Oil CCV 9/03/21	water	9-3-21 19:40:41
10	92	907092.D	1	Diesel Motor Oil CCV 9/03/21	water	9-9-21 7:20:33
11	1	907101.D	5	210823A LCSD-1 5/1000	water	9-9-21 11:35:46
12	4	907104.D	1	Diesel Motor Oil CCV 9/03/21	water	9-9-21 13:00:58

ORGANICS

Calibration Data

TPH Extractables
DOC0831

Form 6
Initial Calibration

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

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

Quantitation Report (Not Reviewed)

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

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

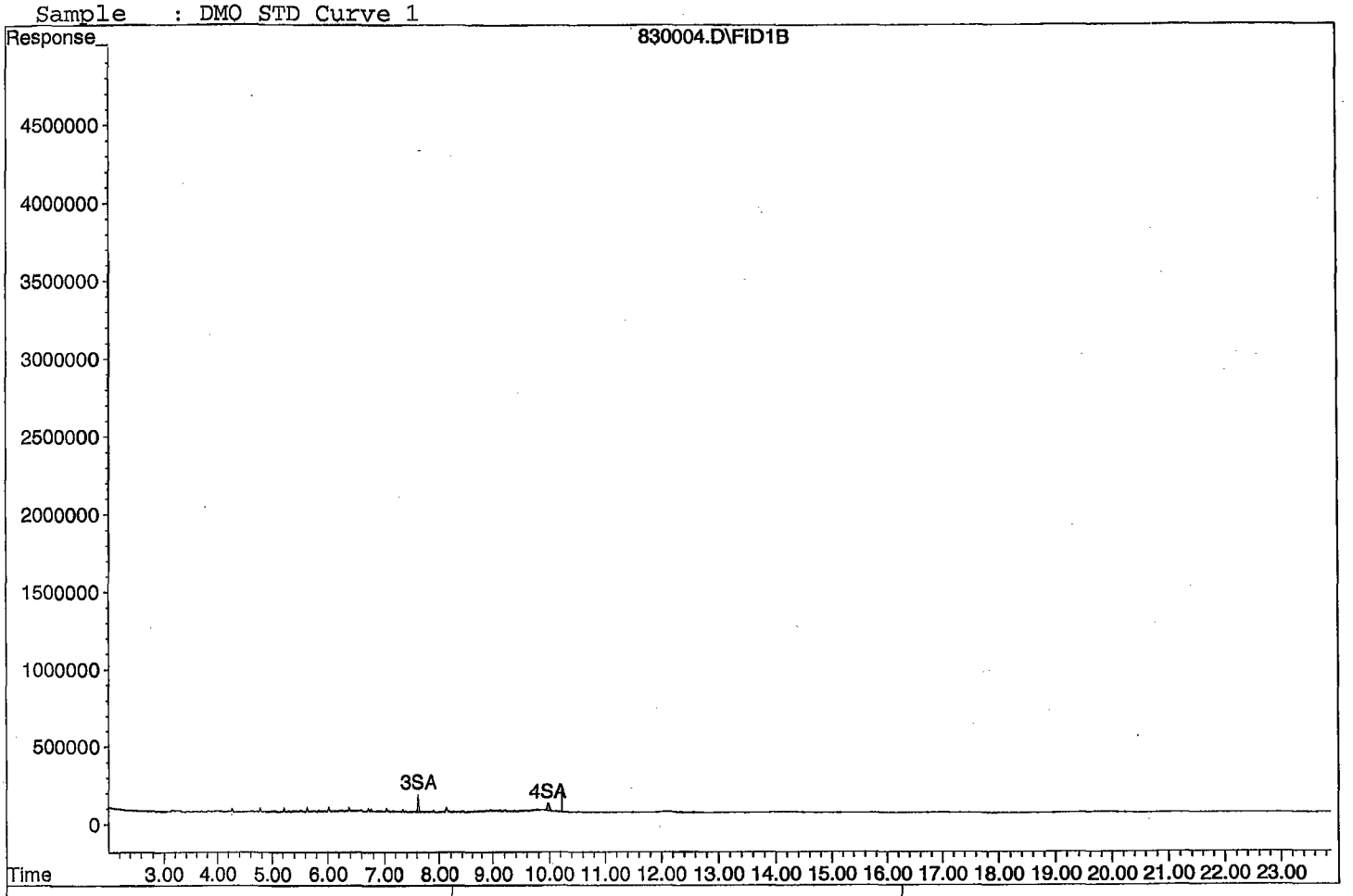
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

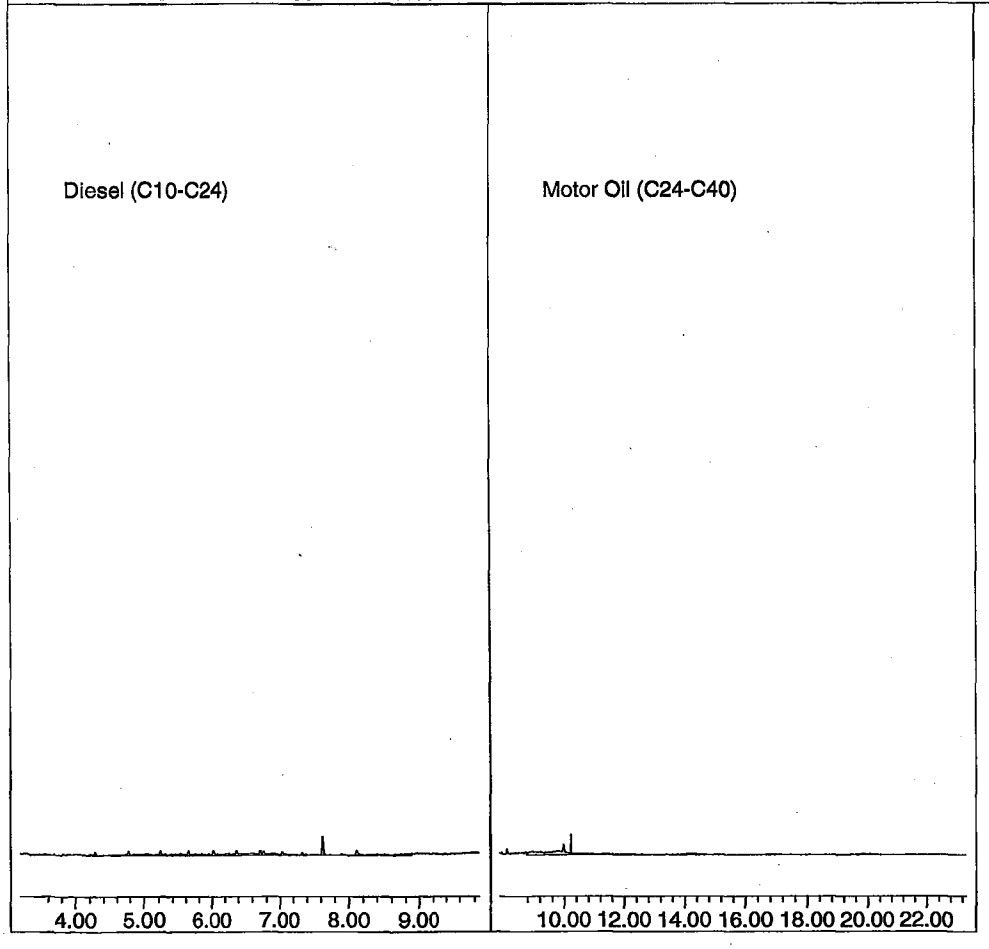
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	1426613	0.275 ppb
Surrogate Spike 30.000	Recovery =		0.92%
4) SA Octacosane(S)	9.98	1055167	0.274 ppb
Surrogate Spike 30.000	Recovery =		0.91%
Target Compounds			
1) HATM Diesel (C10-C24)	6.54	19960961	4.942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

Target Compounds

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

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





Quantitation Report (Not Reviewed)

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

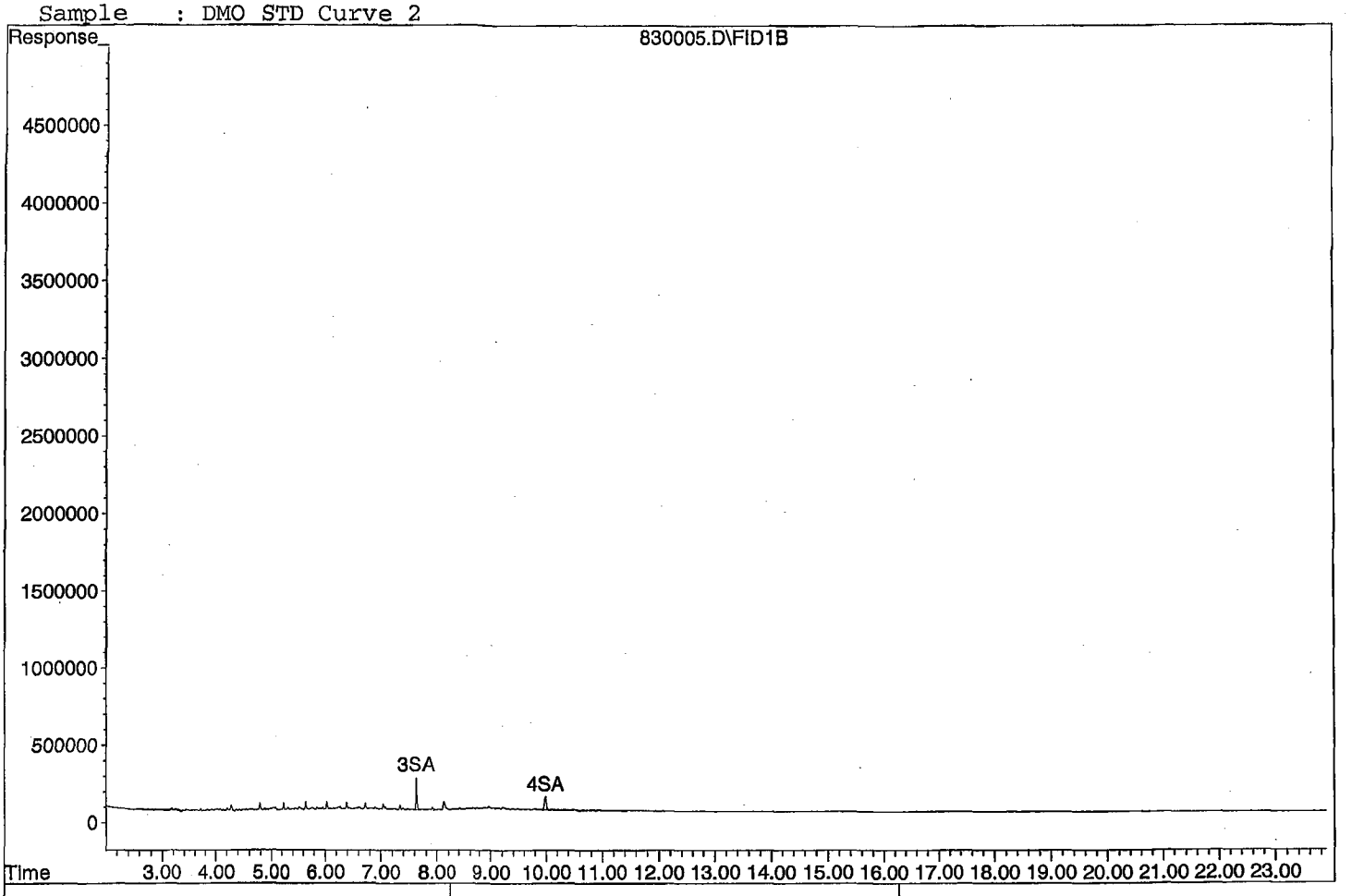
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

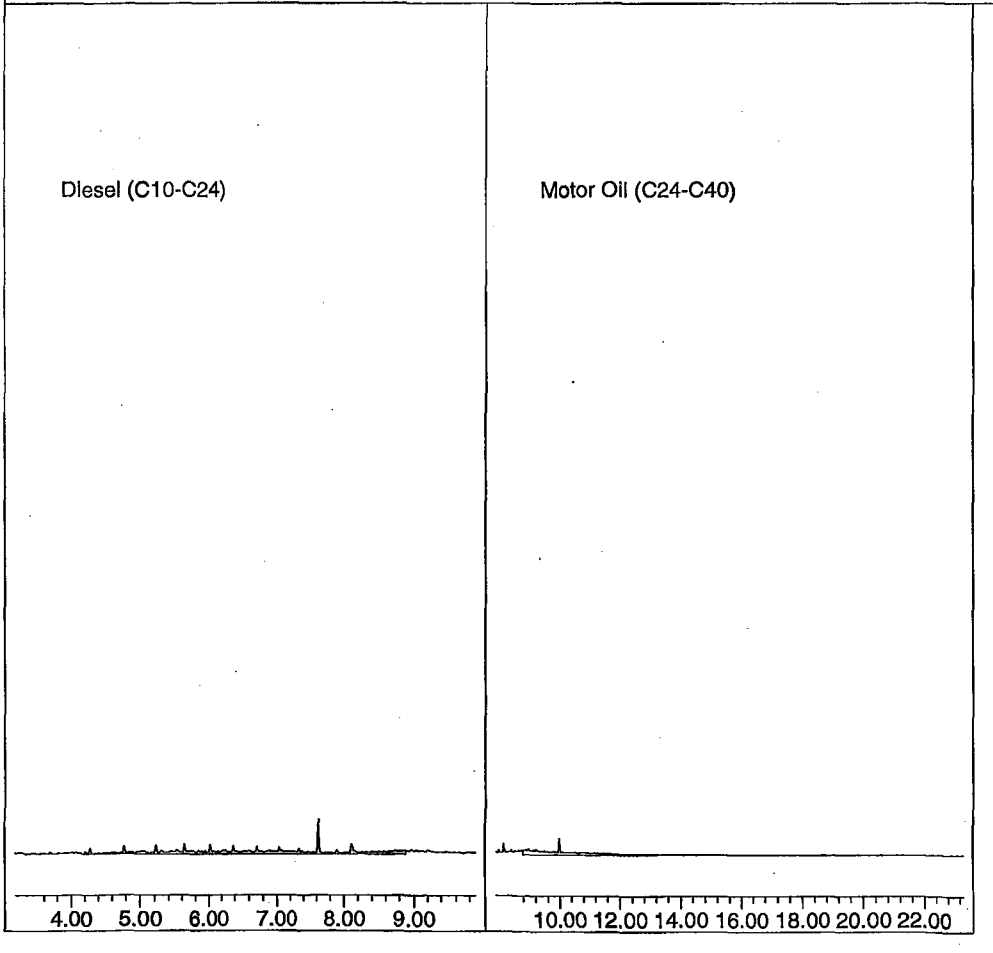
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

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

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





Quantitation Report (Not Reviewed)

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

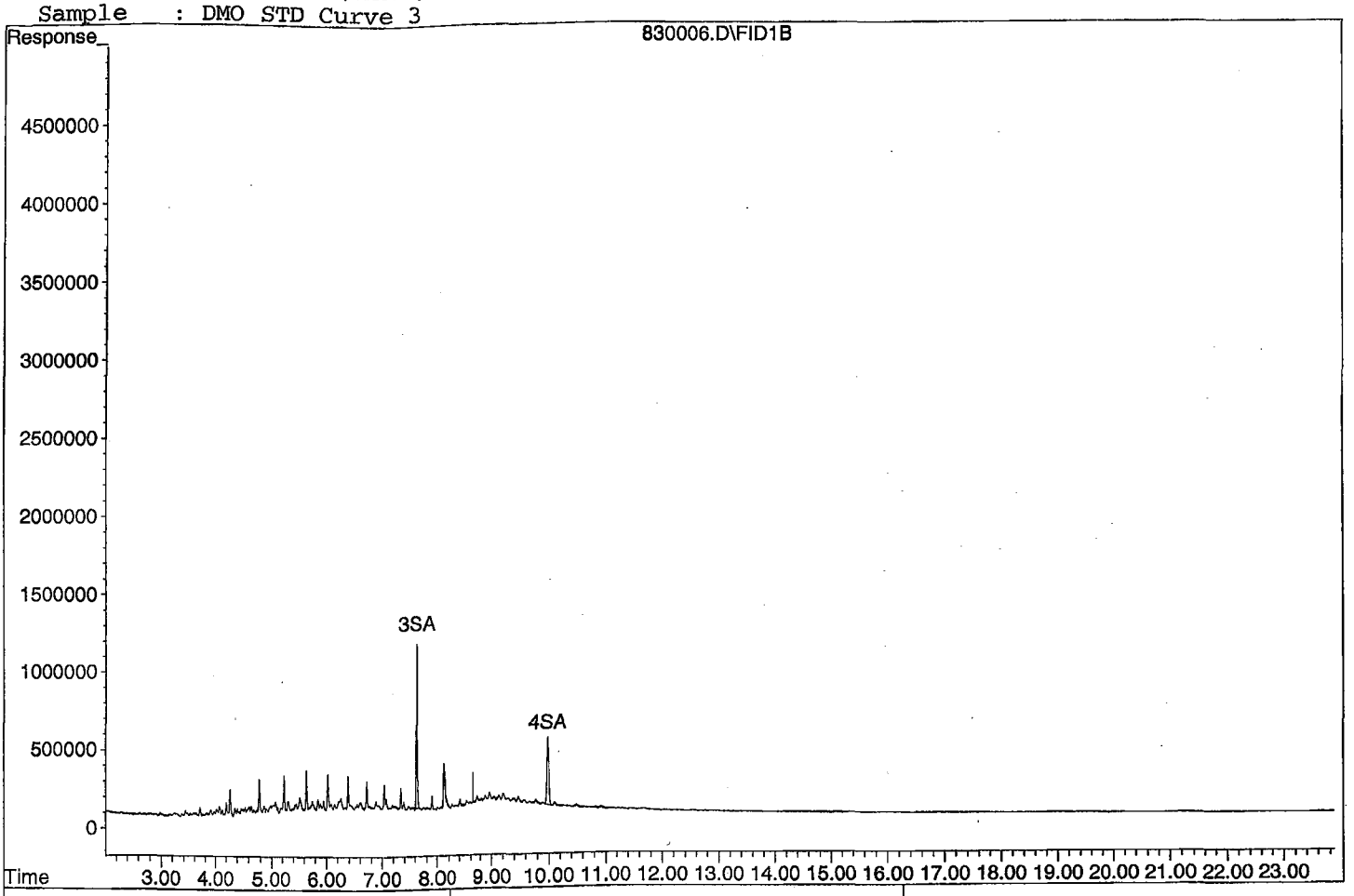
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

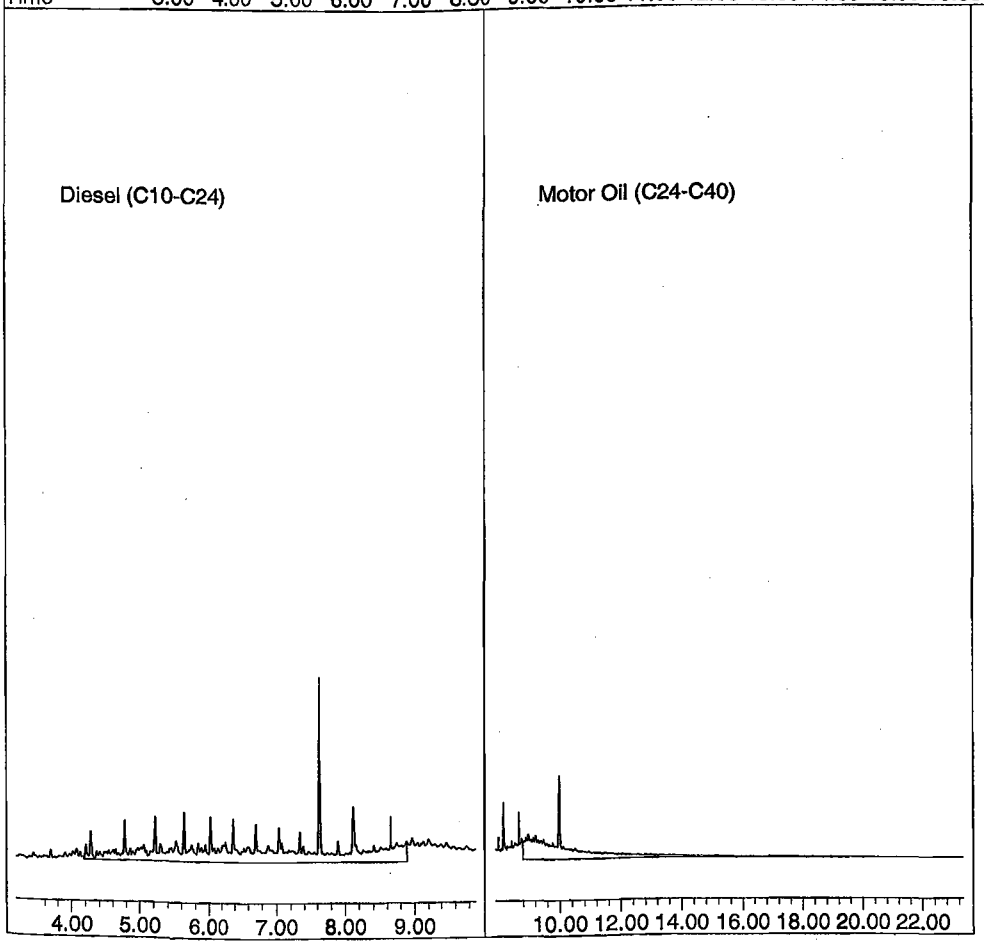
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

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

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





Quantitation Report (Not Reviewed)

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

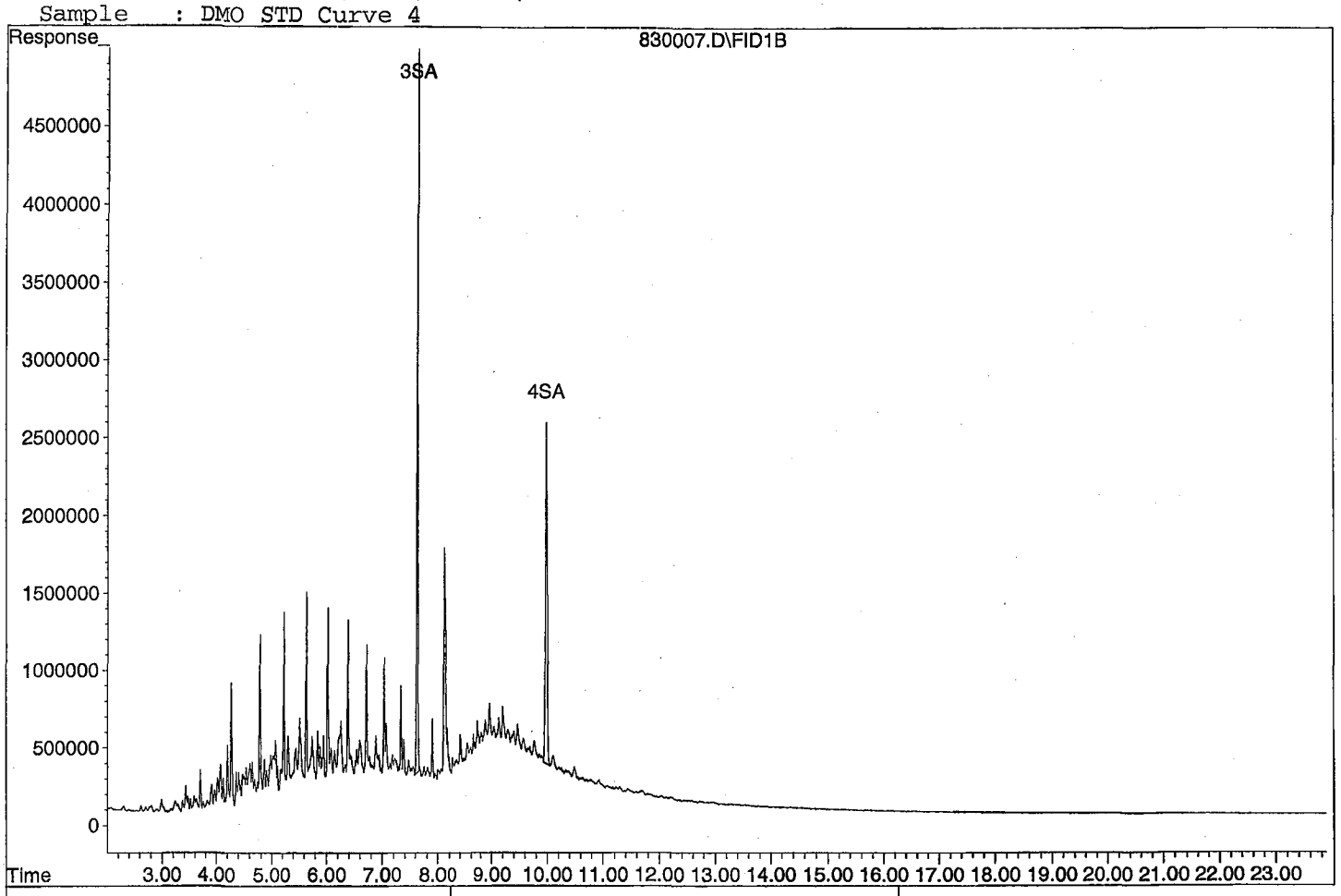
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

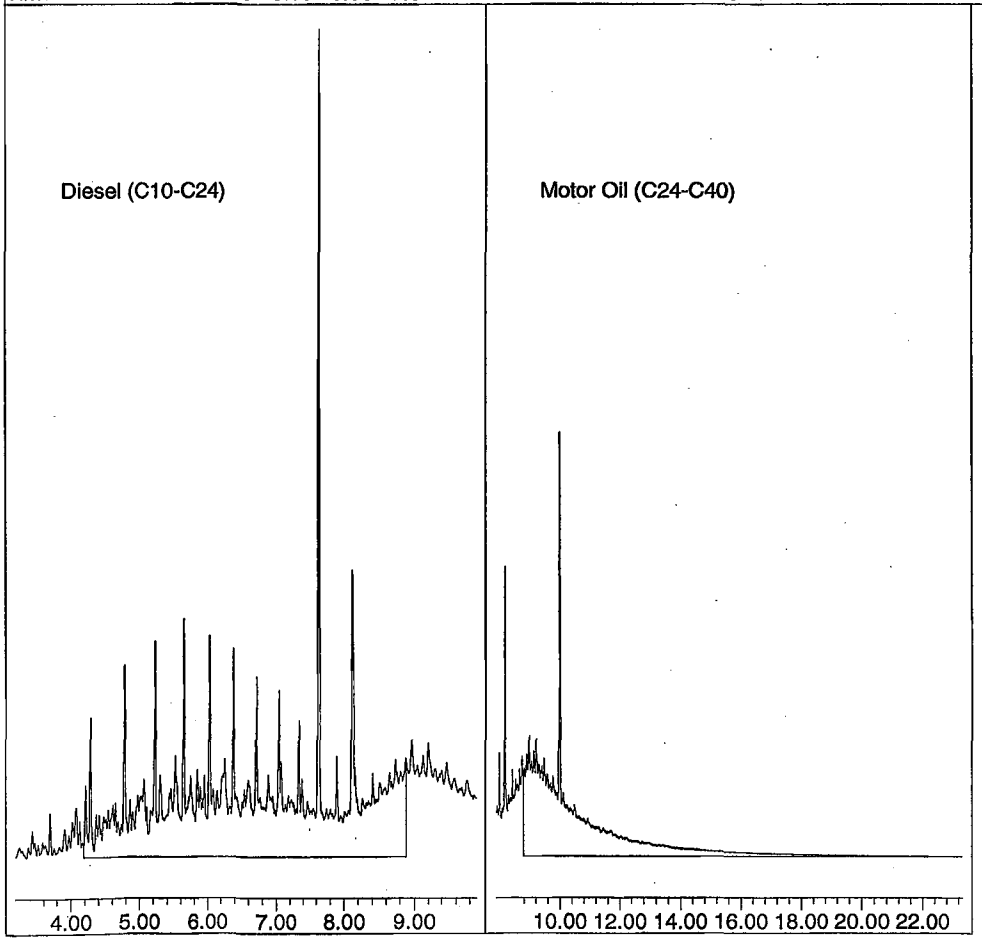
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

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

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





Quantitation Report (Not Reviewed)

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

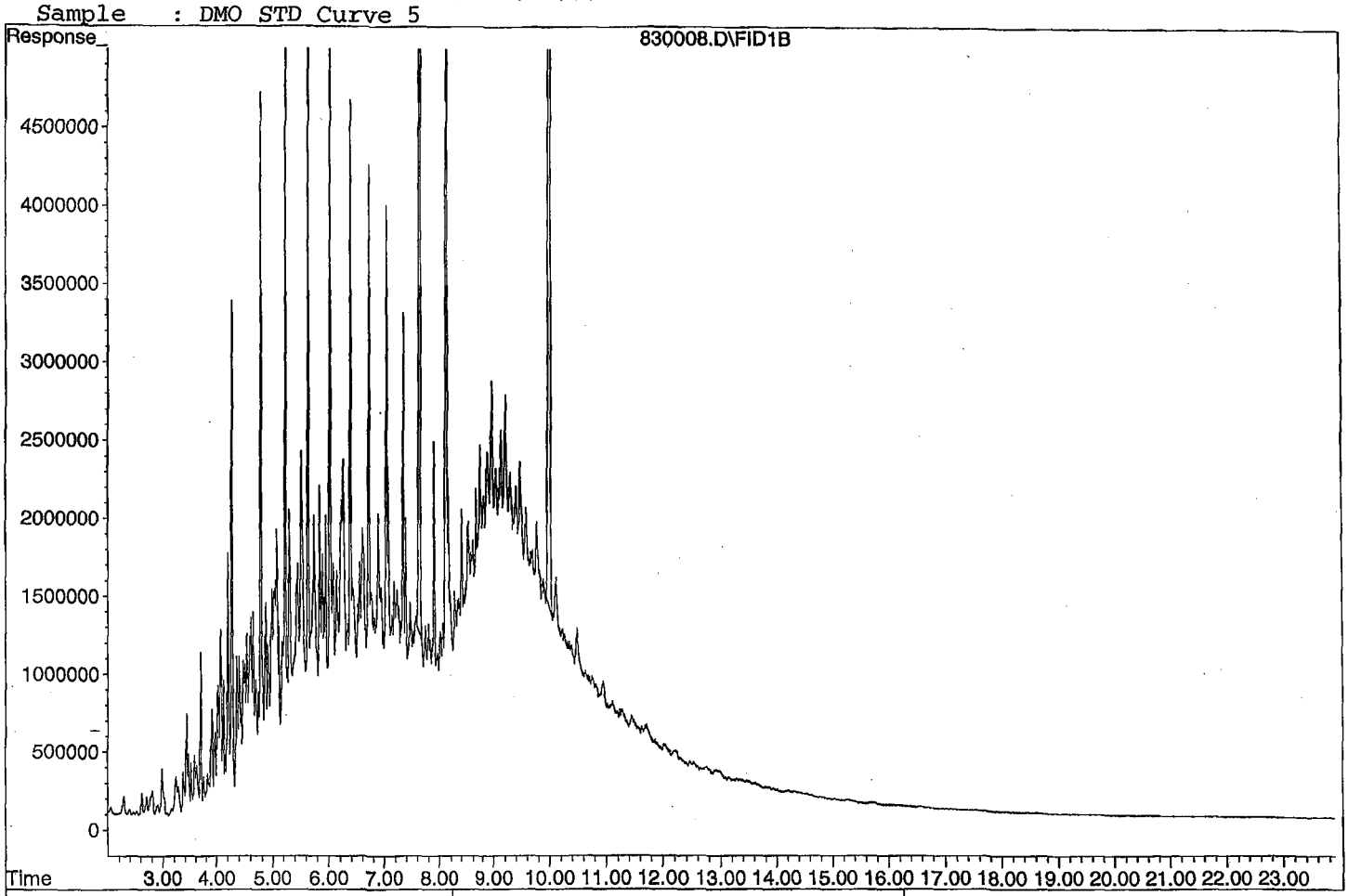
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

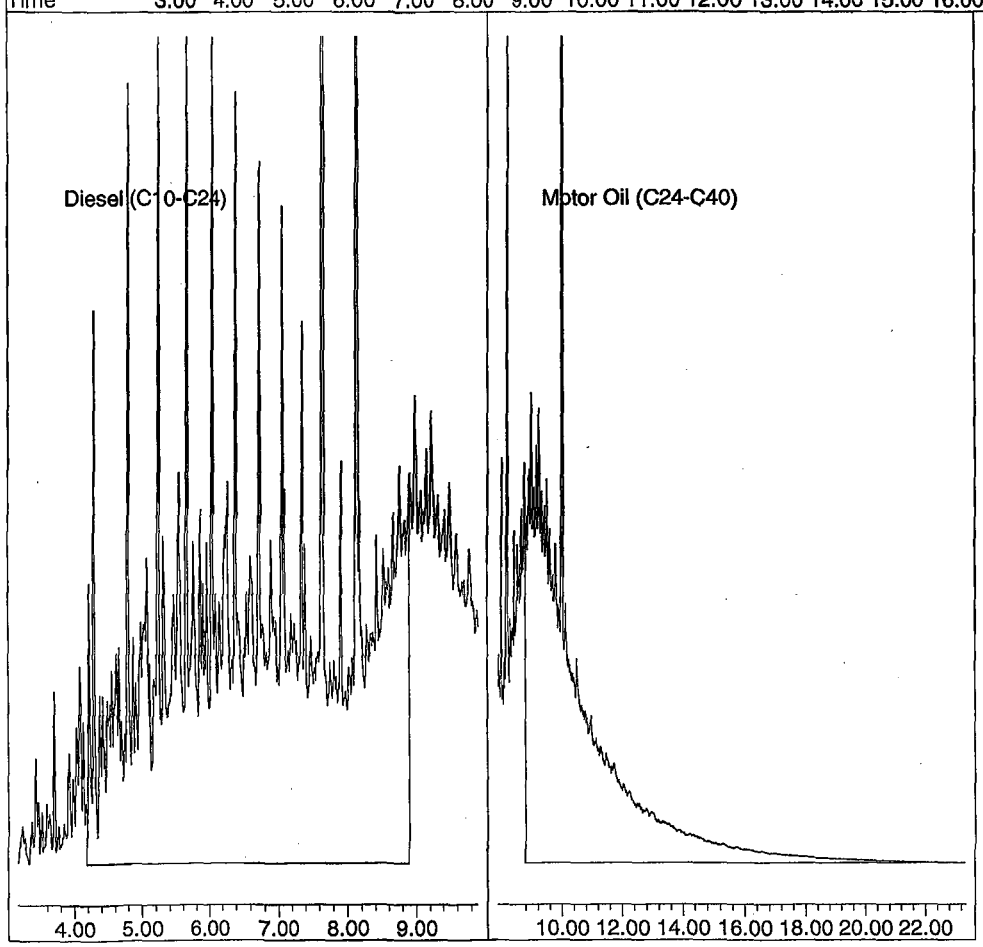
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

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

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





Quantitation Report (Not Reviewed)

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

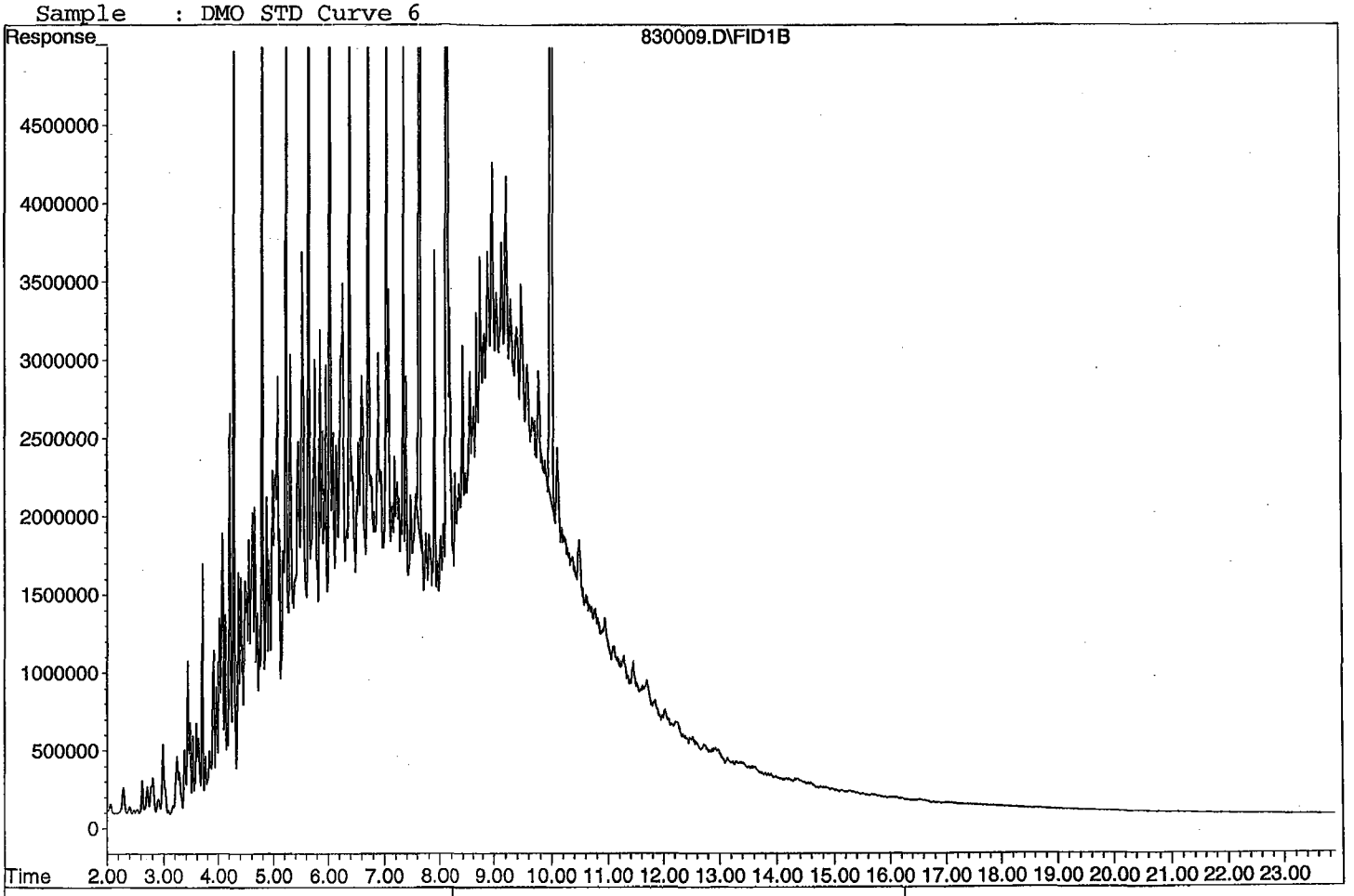
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

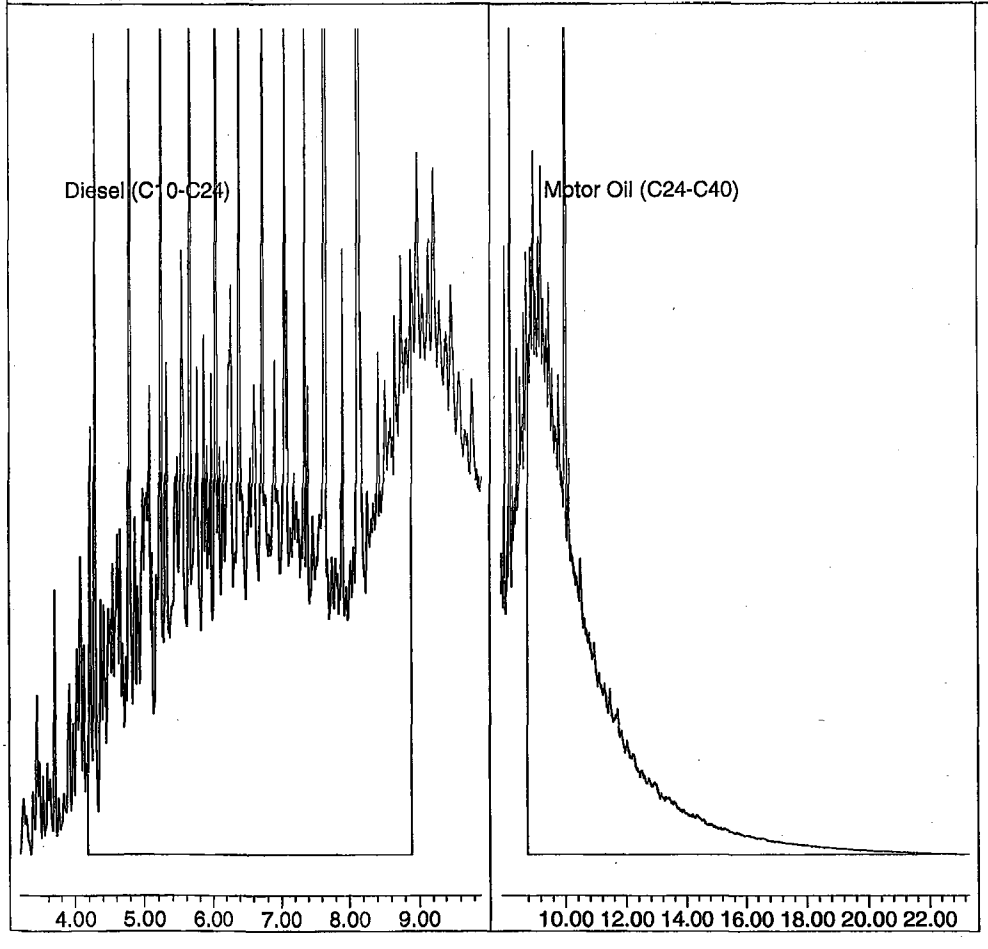
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

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

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





Quantitation Report (Not Reviewed)

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

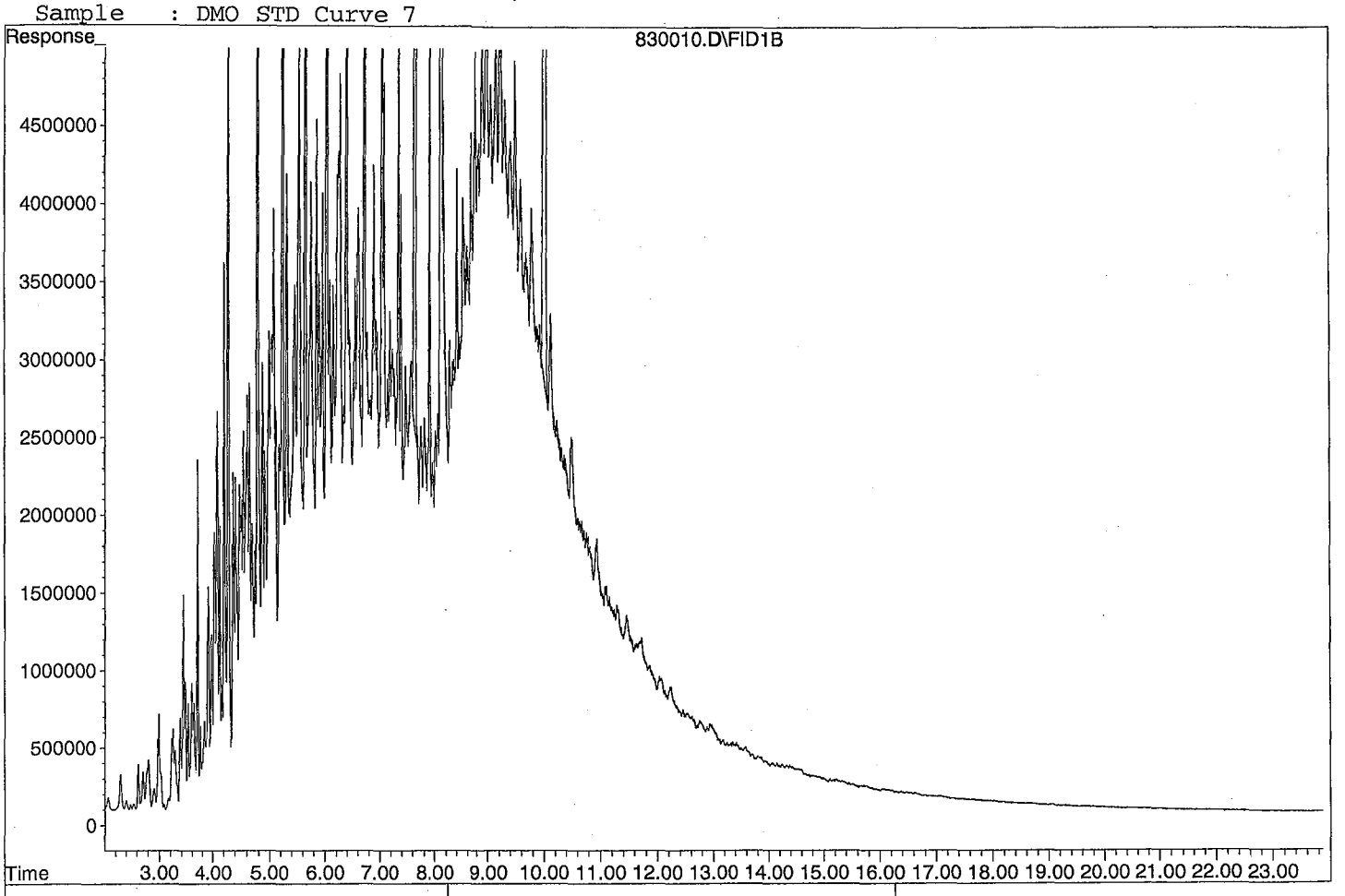
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

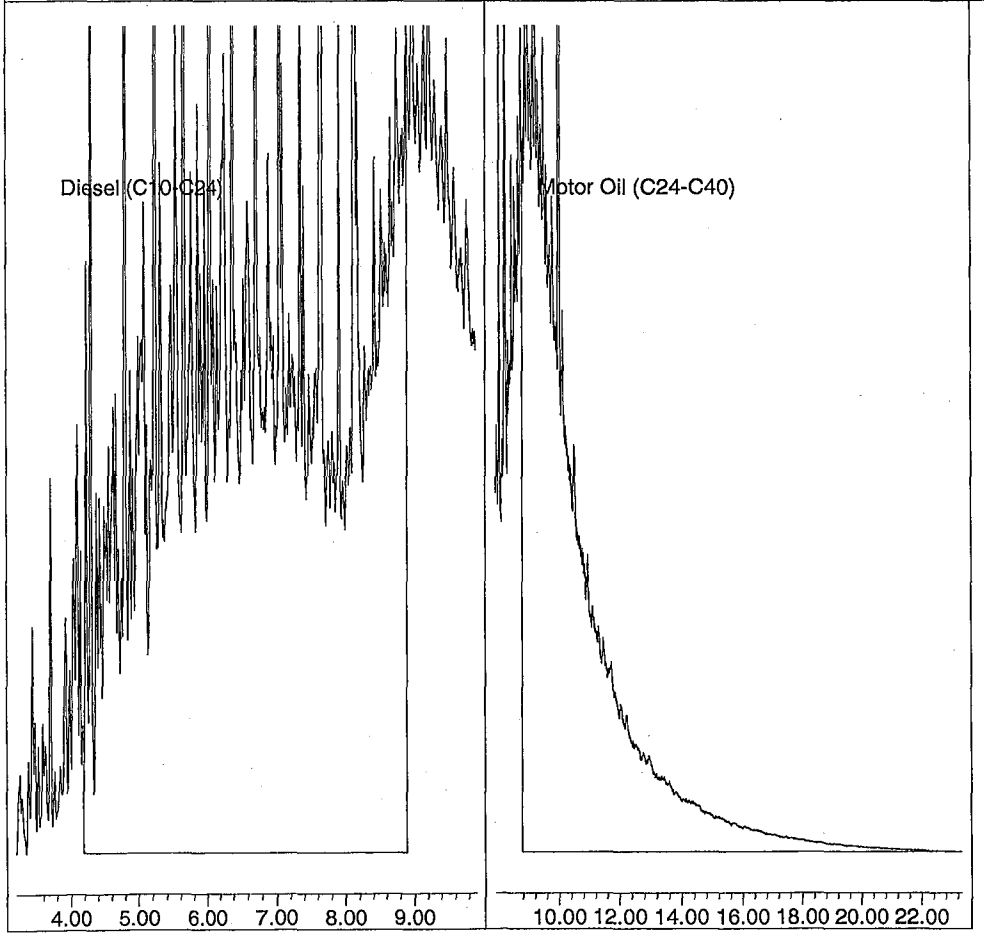
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

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

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





TPH Extractables
DOC0831

Form 7

Second Source Calibration

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

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

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

Quantitation Report (Not Reviewed)

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

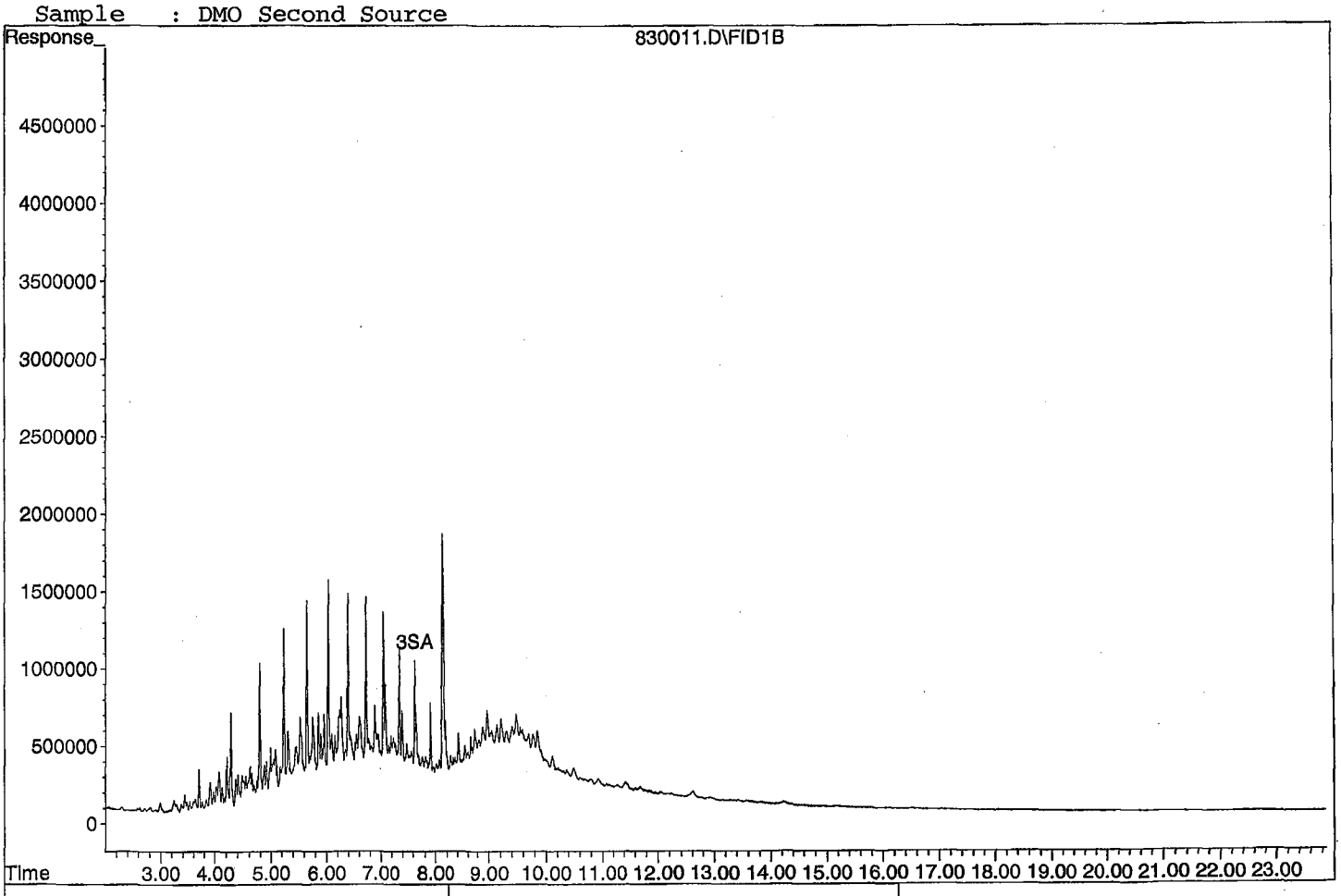
Method : G:\APOLLO\DATA\210830\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 31 09:20:02 2021
Response via : Multiple Level Calibration

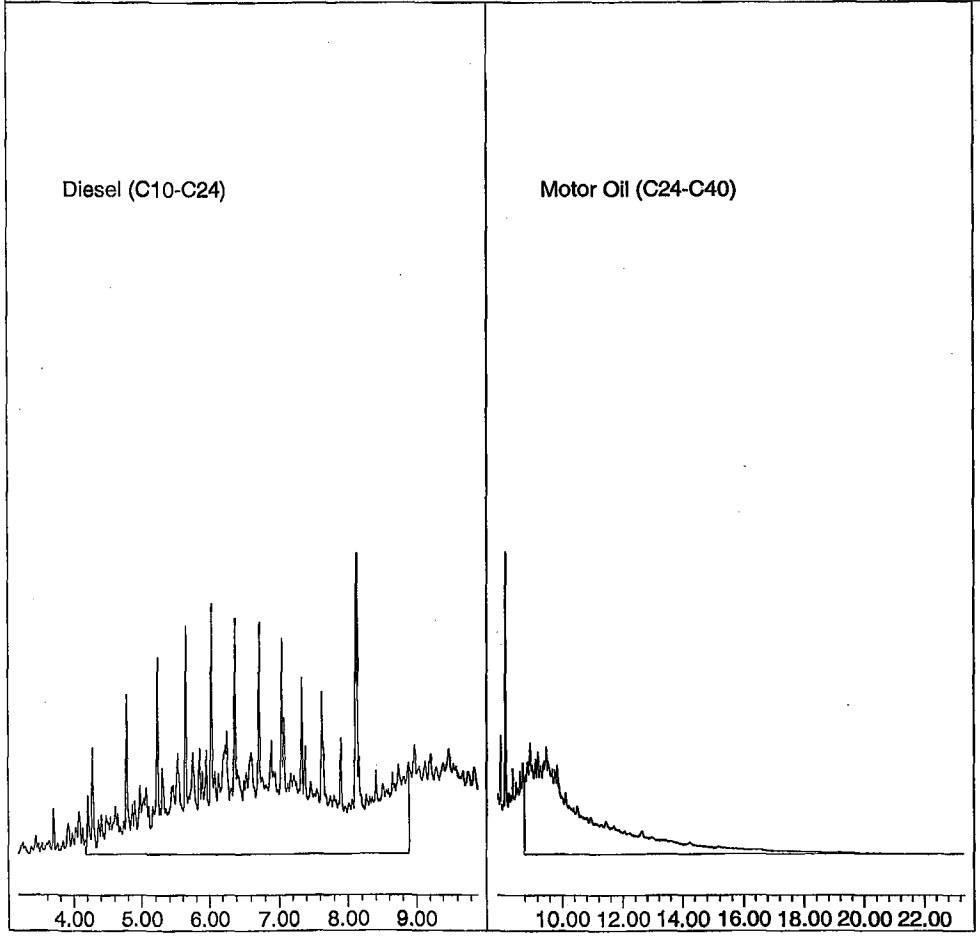
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

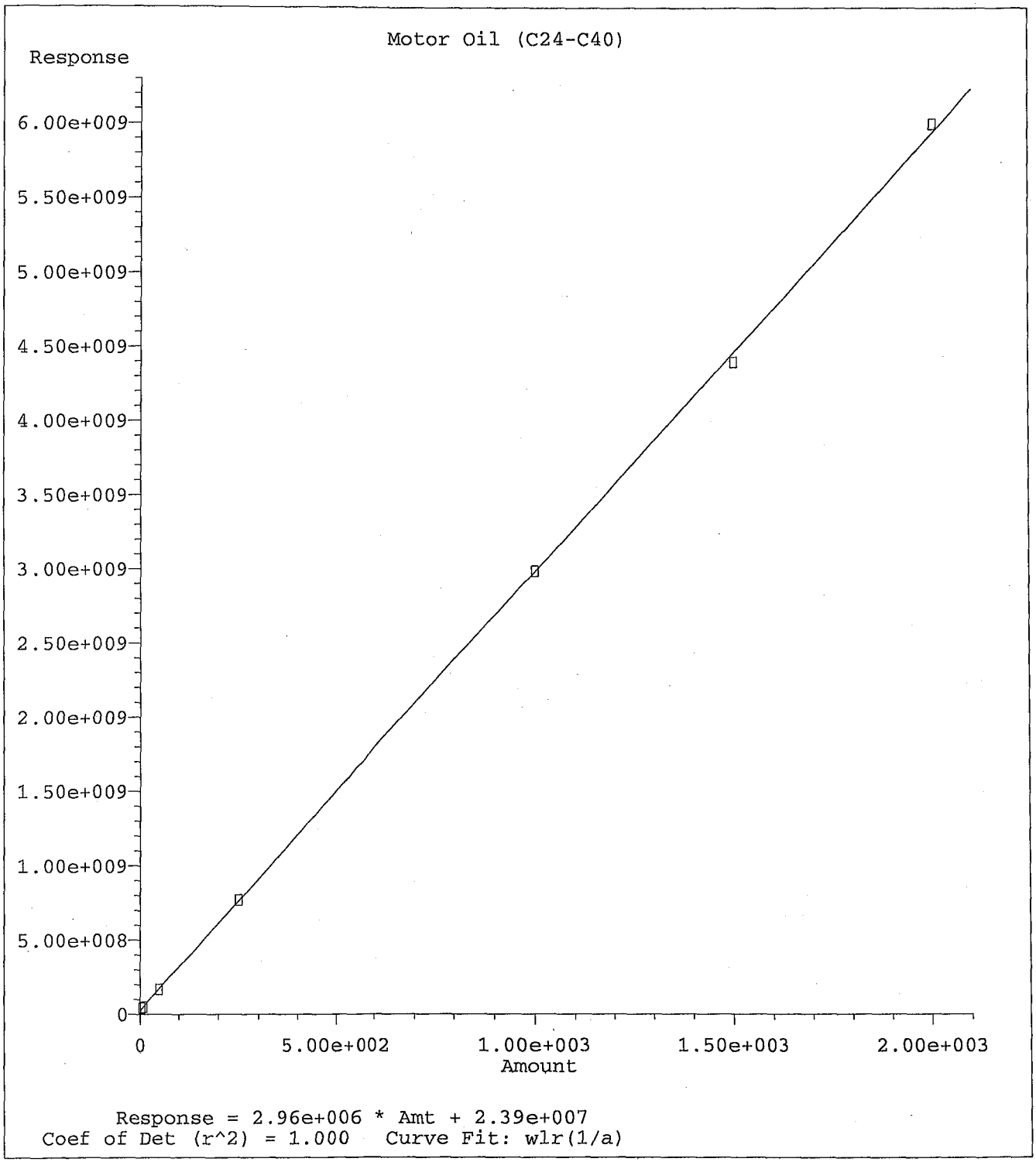
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
3) SA Ortho-Terphenyl(S)	7.62	4475122	0.864	ppb
Surrogate Spike 30.000	Recovery =		2.88%	
4) SA Octacosane(S)	9.98	-56148	N.D.	ppb
Surrogate Spike 30.000	Recovery =		0.00%	
Target Compounds				
1) HATM Diesel (C10-C24)	6.54	1110816428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

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

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







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

TPH Extractables
DEC0911

Form 6
Initial Calibration

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

911002.D 911003.D 911004.D 911005.D 911006.D 911007.D

		Compound	1	2	3	4	5	6					Avg	%RSD	Type	r^2	Q
1	SC	Decanoic Acid(S)	883995	1084261	1313446	1384667	1522107	1509937					1283069	20	SC		*
2																	
3																	
4																	
5																	
6																	
7																	
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35																	

0.562142

Quantitation Report (Not Reviewed)

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

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

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

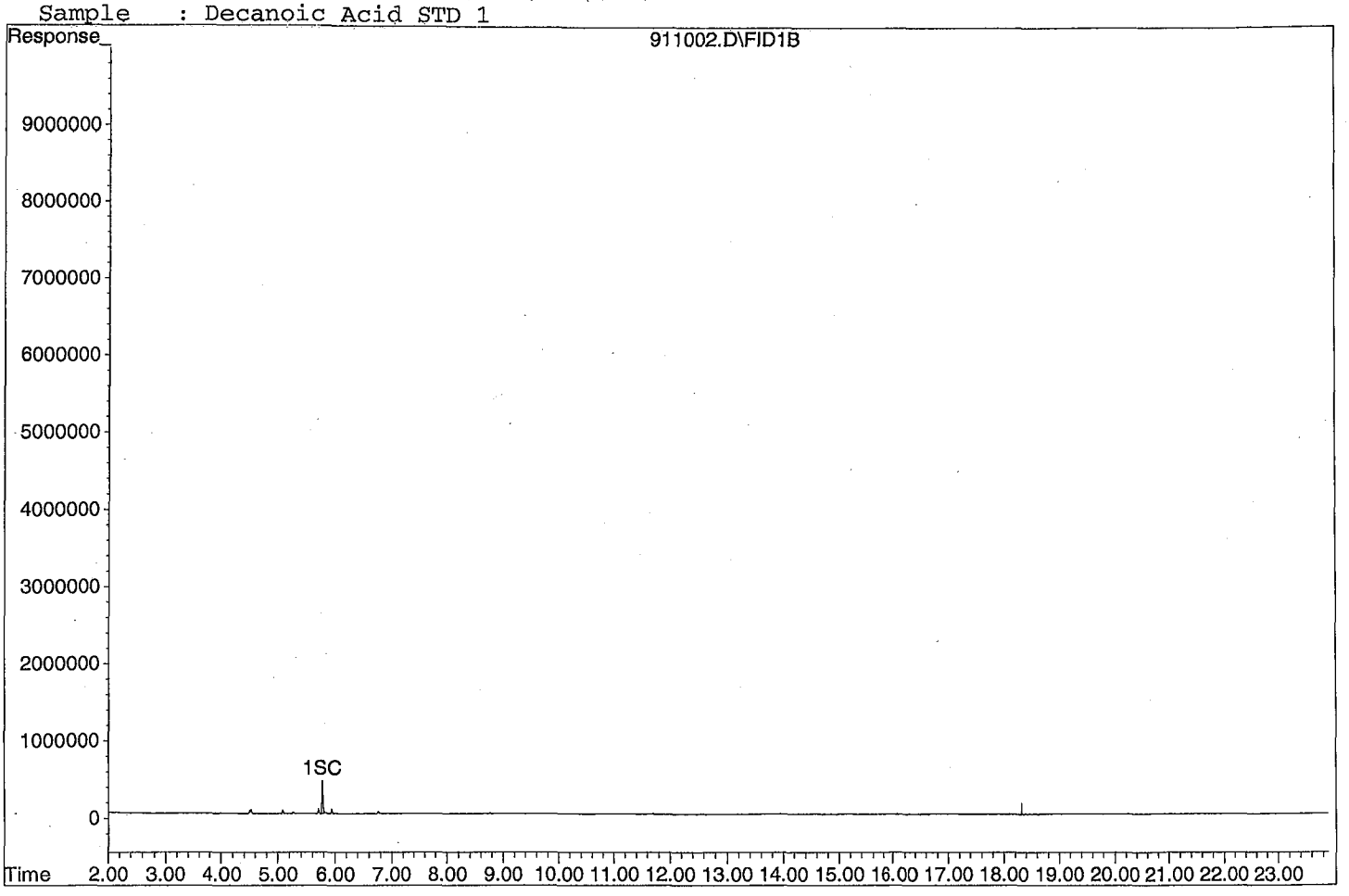
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) SC Decanoic Acid(S)	5.77	5303968	2.067 ppb
Surrogate Spike 24.000		Recovery =	8.61%
Target Compounds			

Target Compounds

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

Quantitation Report

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



Quantitation Report (Not Reviewed)

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

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

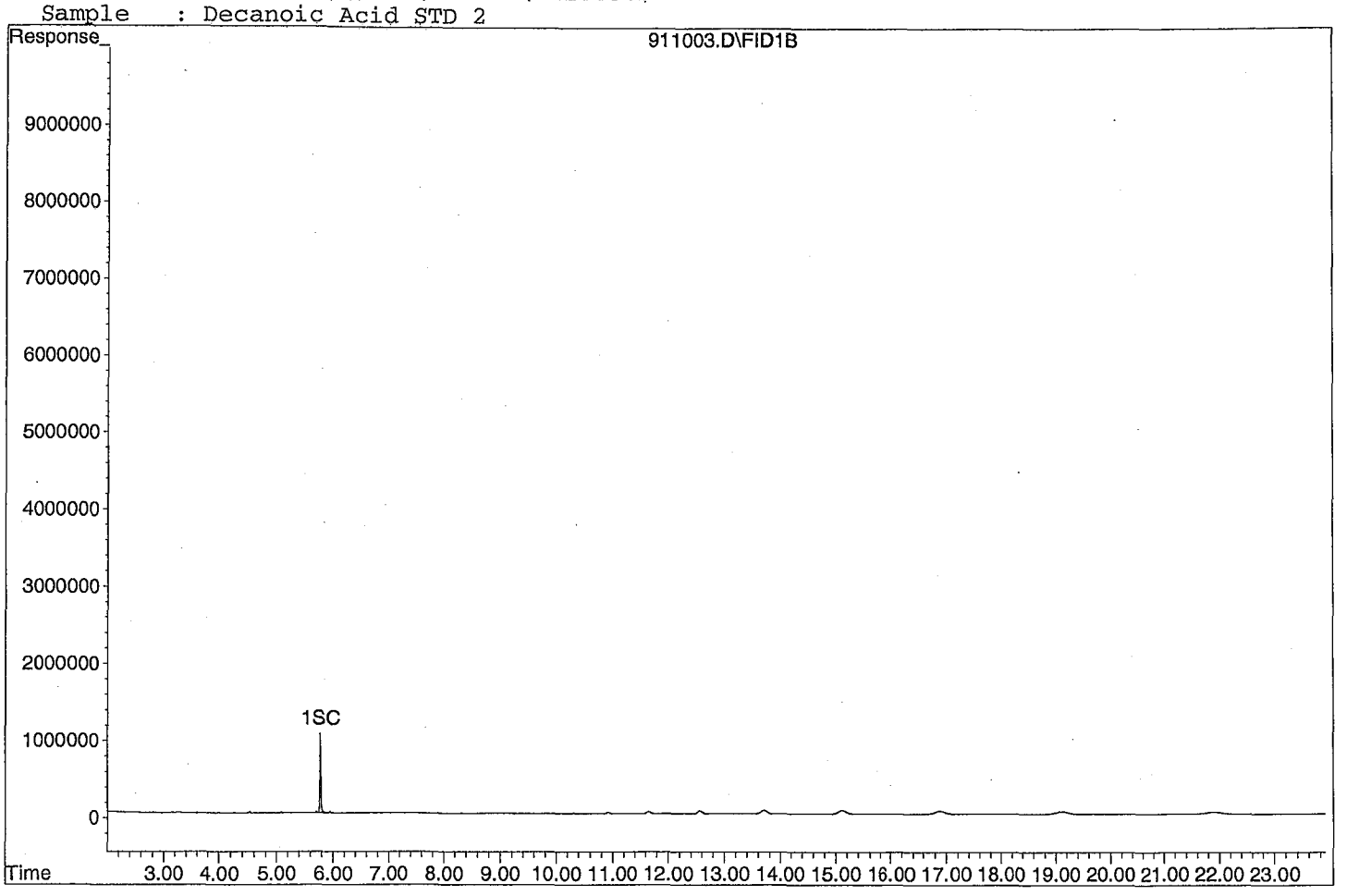
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

(f)=RT Delta > 1/2 Window (m)=manual int.
911003.D DEC0911.M Thu Sep 23 17:12:51 2021 Page 1

Quantitation Report

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



Quantitation Report (Not Reviewed)

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

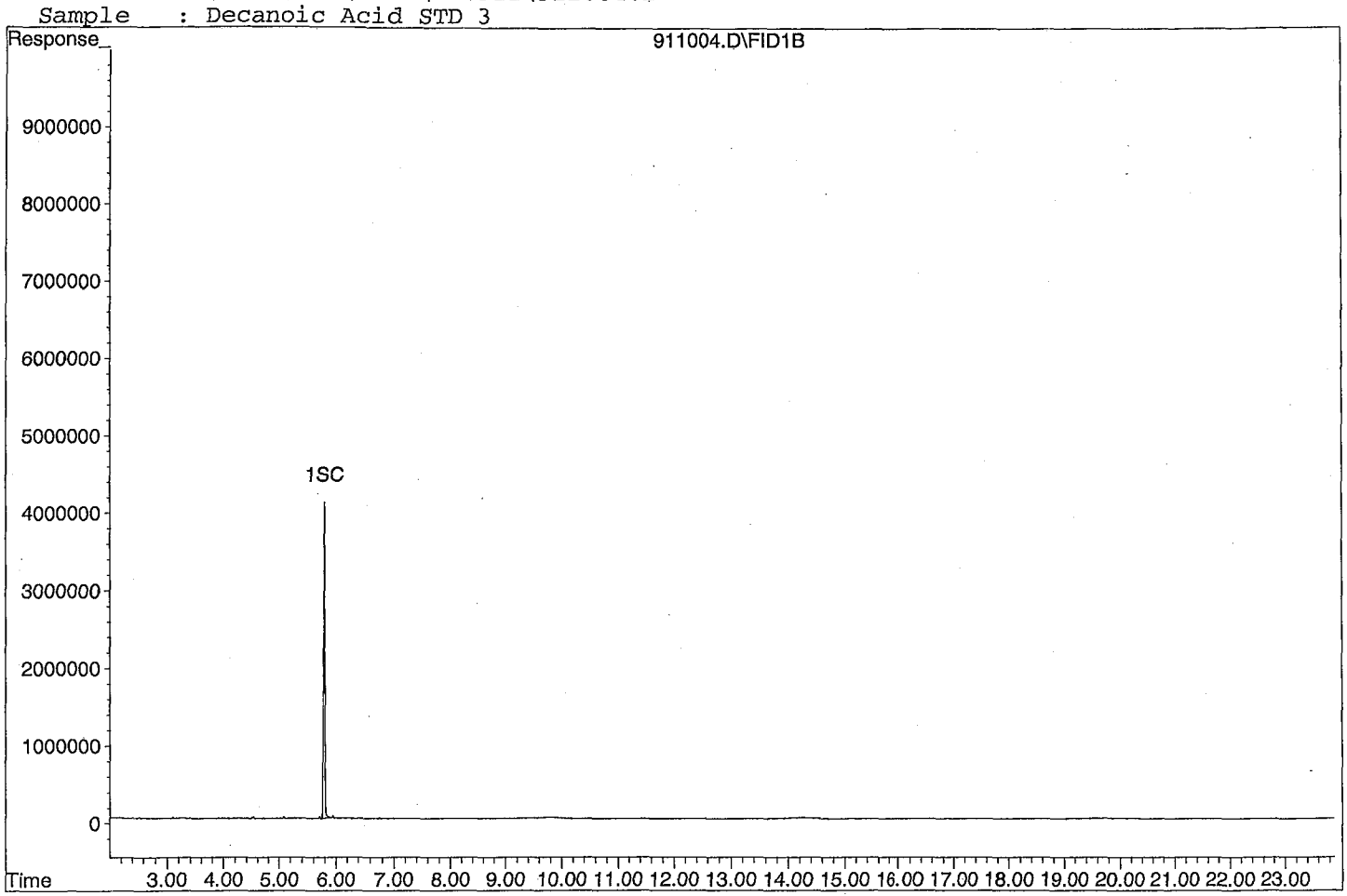
Method : G:\APOLLO\DATA\210808\DEC0911.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Sep 13 09:30:16 2021
Response via : Multiple Level Calibration

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

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

Quantitation Report

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



Quantitation Report (Not Reviewed)

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

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

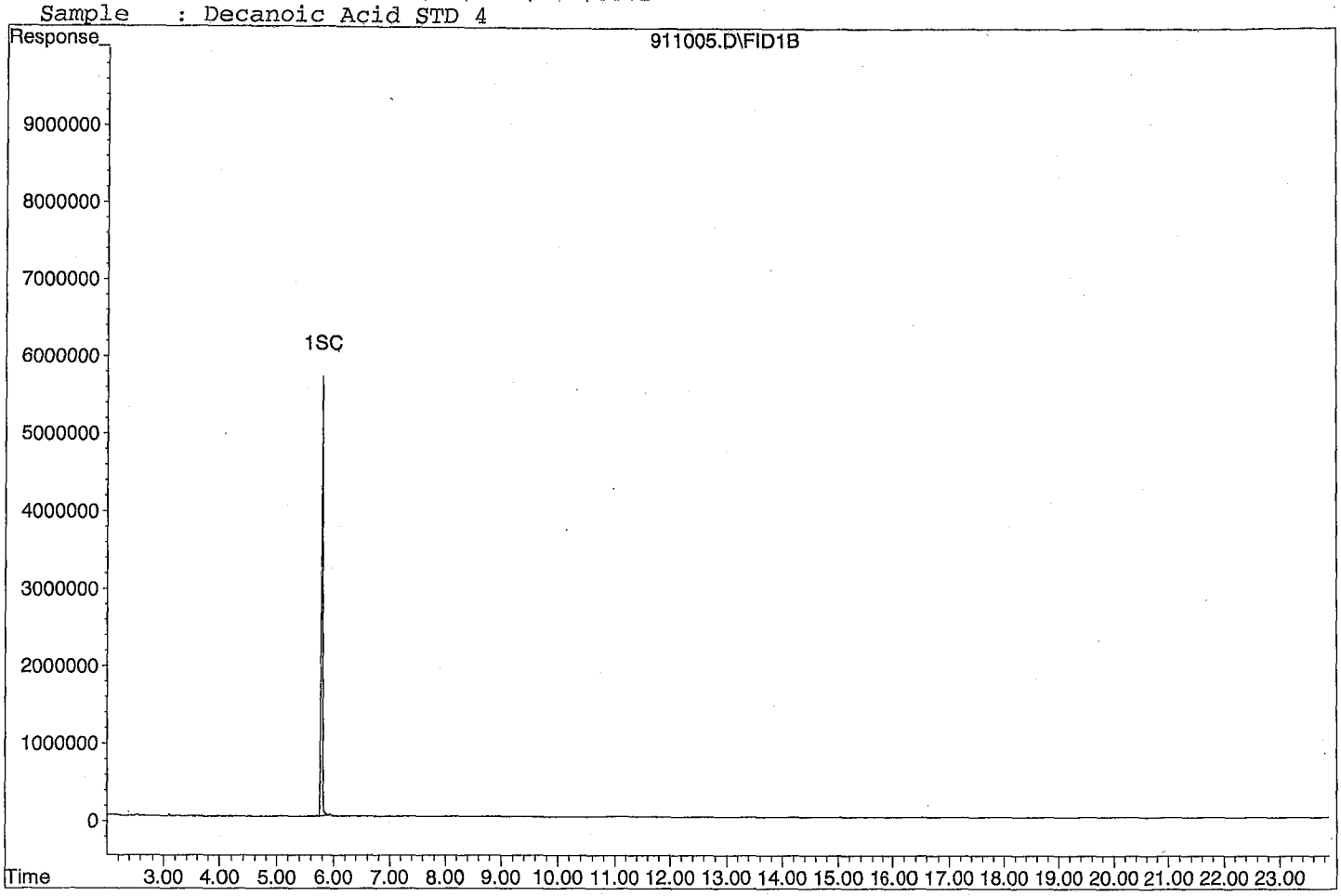
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

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

Quantitation Report

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



Quantitation Report (Not Reviewed)

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

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

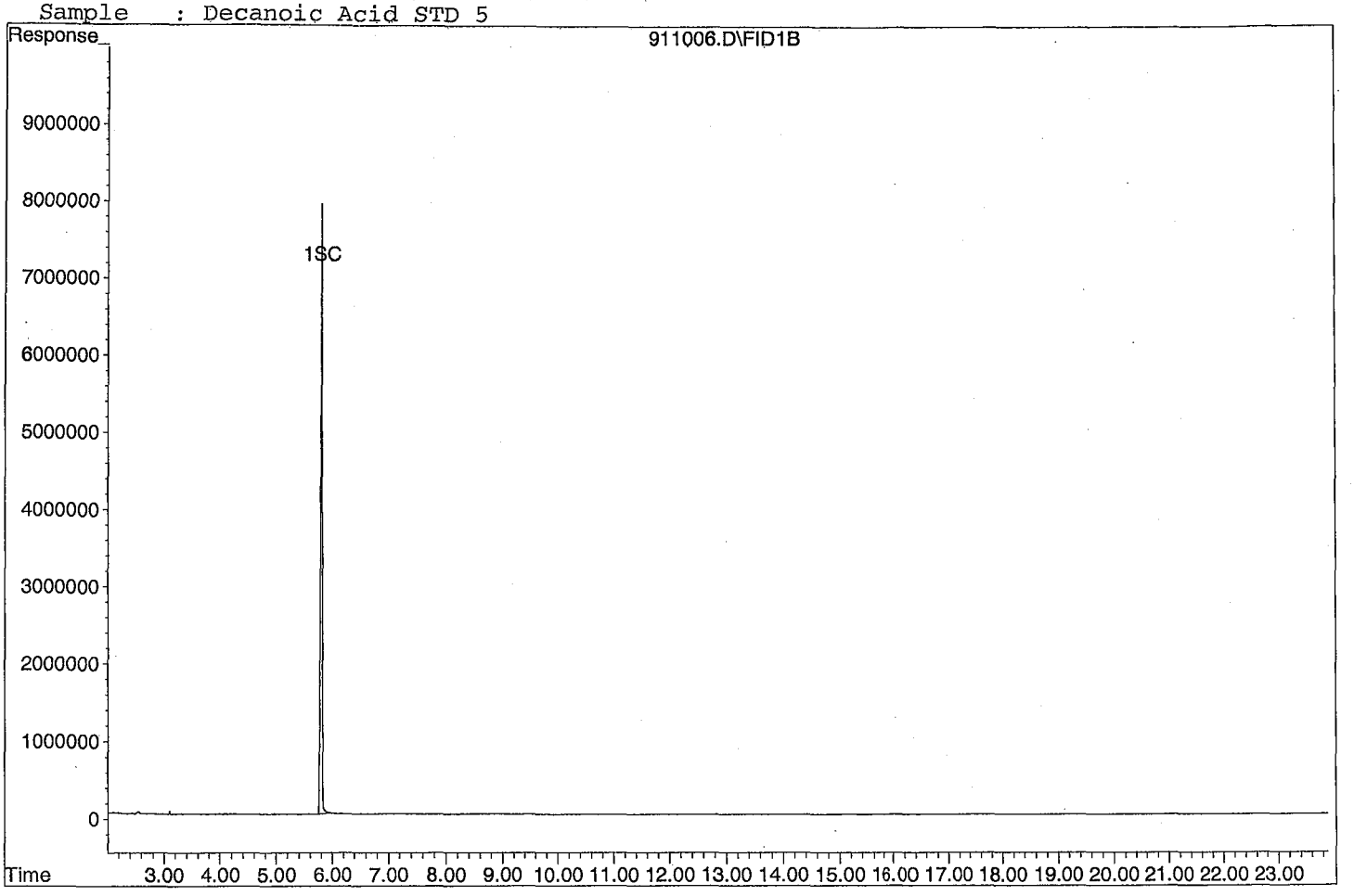
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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

(f)=RT Delta > 1/2 Window (m)=manual int.
911006.D DEC0911.M Thu Sep 23 17:16:04 2021 Page 1

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

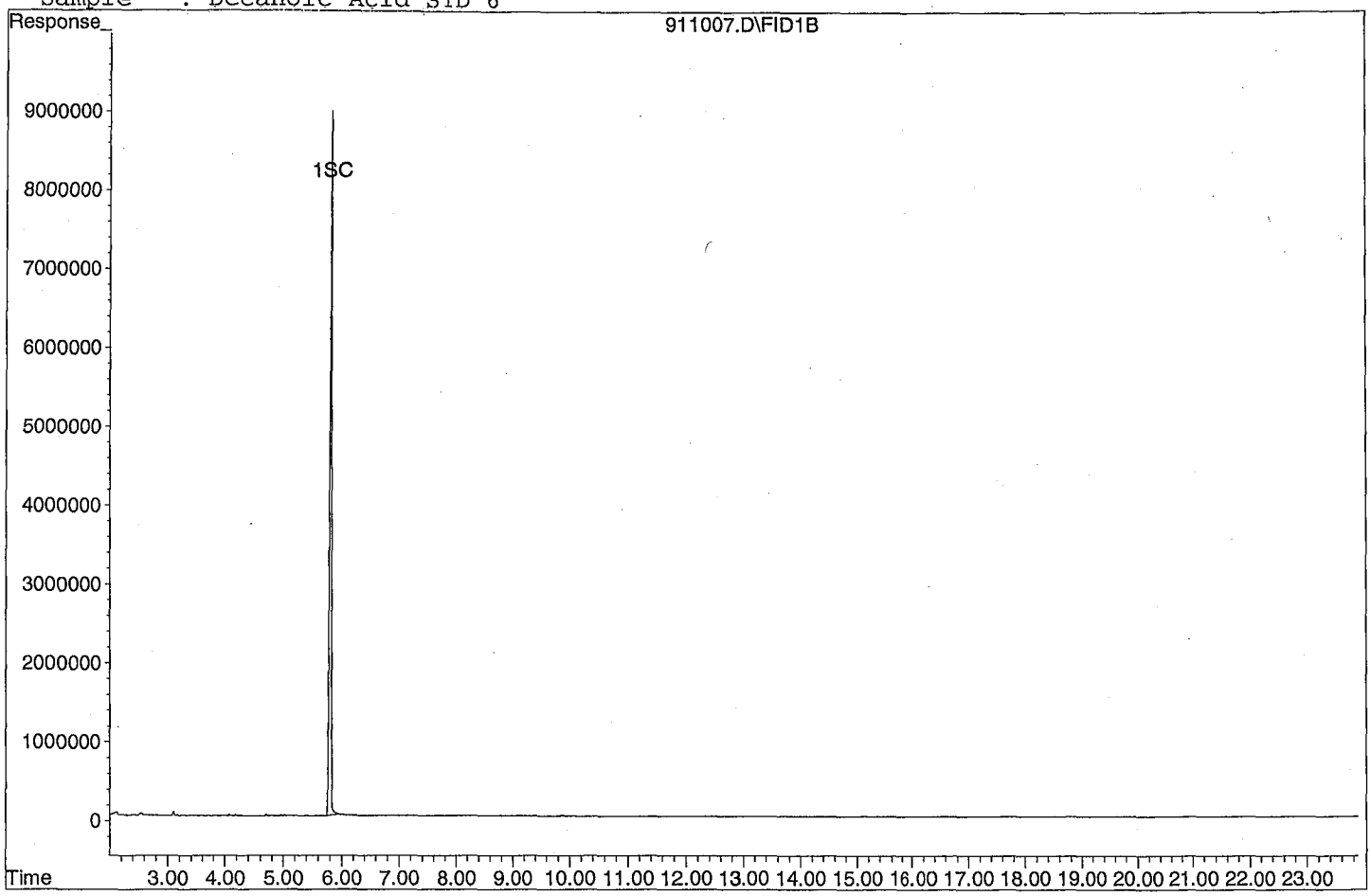
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

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.
911007.D DEC0911.M Thu Sep 23 17:16:37 2021 Page 1

Quantitation Report

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



TPH Extractables
DOC0831

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 9/18/2021
Instrument: Apollo
Initial Cal. Date: 8/30/2021
Data File: 916113.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2019600	2117110	4.8	HATM	
2	HBTM	Motor Oil (C24-C40)	2035830	1512390	26	HBTML	0.99
3	SA	Ortho-Terphenyl(S)	2590720	2632070	1.6	SA	
4	SA	Octacosane(S)	1926380	1702000	12	SA	
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
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18							
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28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
		Average			11.1		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210916\916113.D Vial: 13
Acq On : 9-18-21 20:32:06 Operator: KA
Sample : Diesel Motor Oil CCV 9/17/21 Inst : Apollo
Misc : Water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 23 9:26 2021 Quant Results File: DOC0830.RES

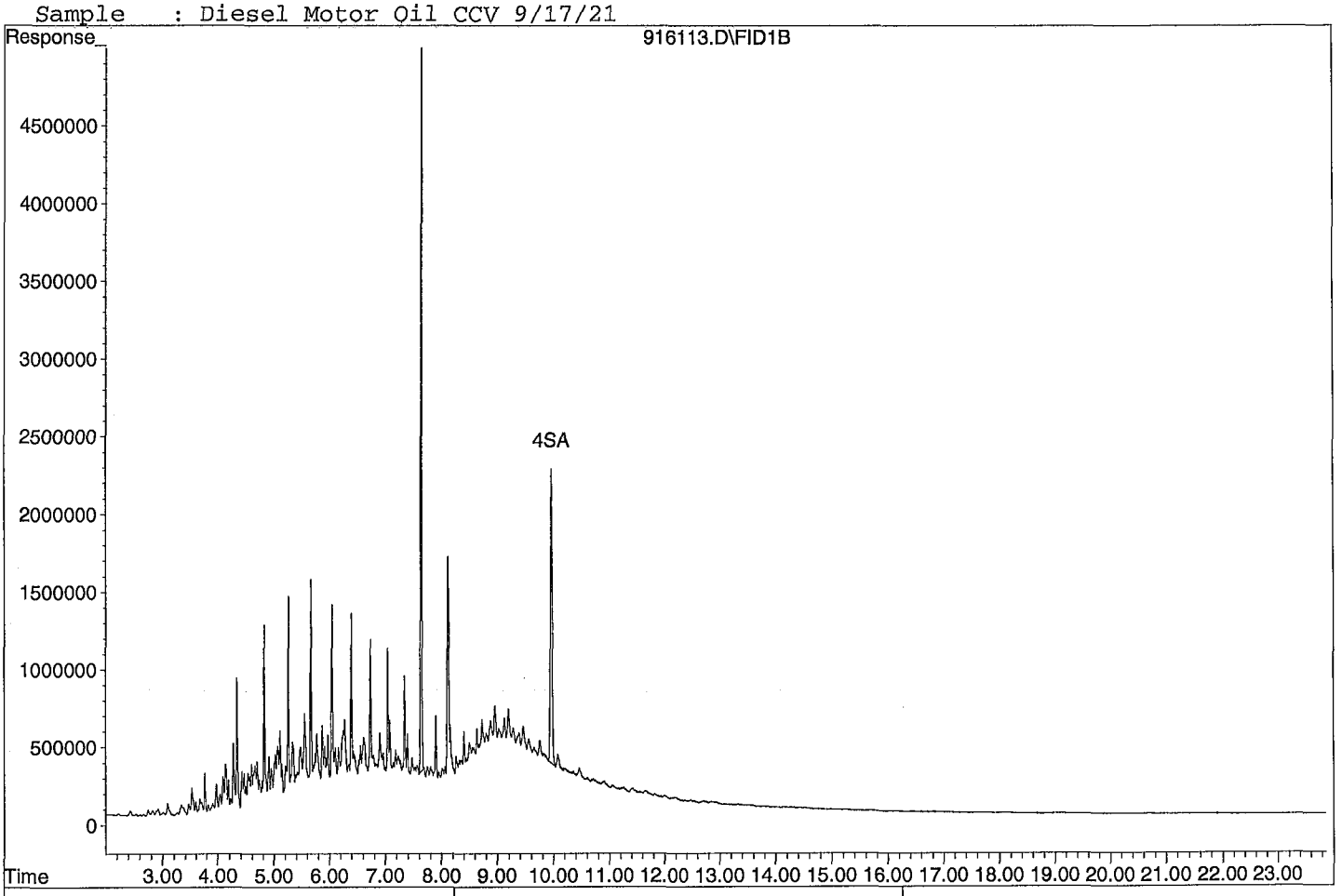
Method : G:\APOLLO\DATA\210911\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Sep 20 10:29:43 2021
Response via : Multiple Level Calibration

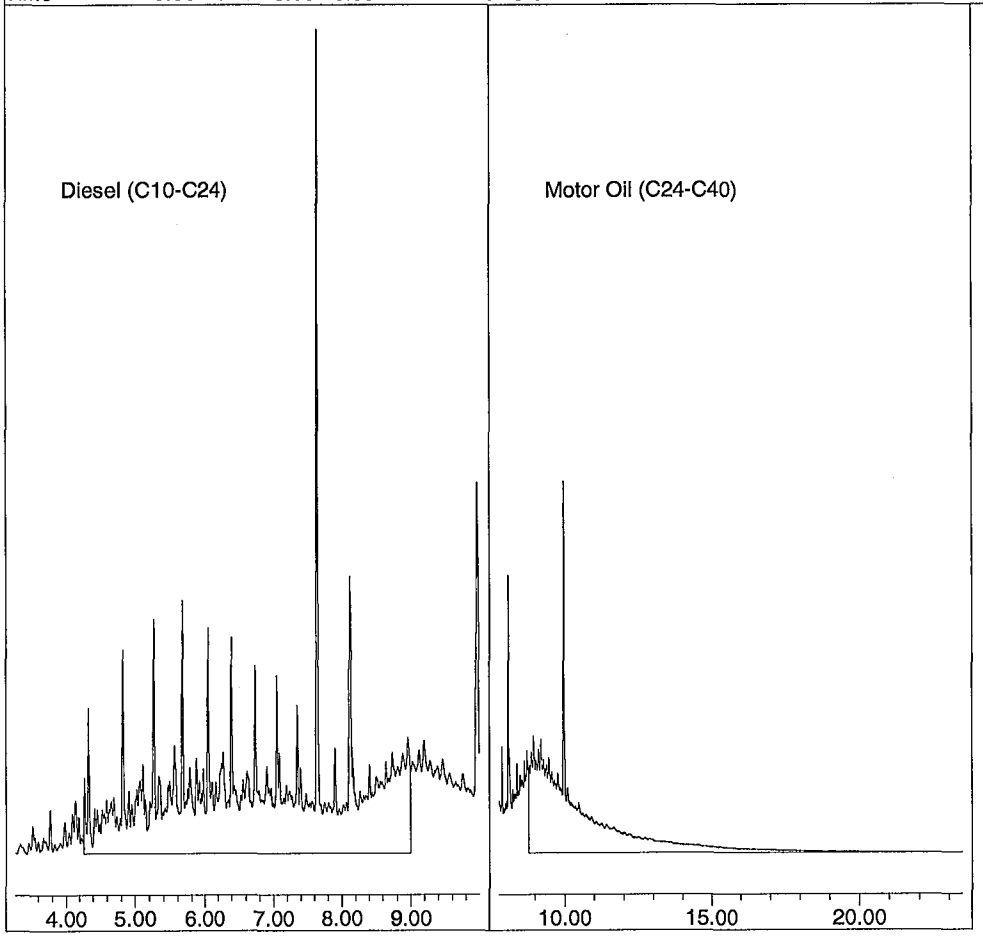
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	65801702	12.700 ppb
Surrogate Spike 30.000	Recovery =		42.33%
4) SA Octacosane(S)	9.96	42550090	11.044 ppb
Surrogate Spike 30.000	Recovery =		36.81%
Target Compounds			
1) HATM Diesel (C10-C24)	6.63	1058557247	262.071 ppb
2) HBTM Motor Oil (C24-C40)	15.62	756194855	247.523 ppb

Target Compounds

Data File: G:\APOLLO\DATA\210916\916113.D
Sample : Diesel Motor Oil CCV 9/17/21





TPH Extractables
DEC0911

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 9/18/2021
Instrument: Apollo
Initial Cal. Date: 9/11/2021
Data File: 916114.D

		Compound	MEAN	CCRF	%D	%Drift	
1	SC	Decanoic Acid(S)	1283070	1255480	2.2	SC	
2							
3							
4							
5							
6							
7							
8							
9							
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30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
		Average			2.2		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210916\916114.D Vial: 14
Acq On : 9-18-21 21:00:29 Operator: KA
Sample : Decanoic Acid CCV 8/27/21 Inst : Apollo
Misc : Water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:02 2021 Quant Results File: DEC0911.RES

Method : G:\APOLLO\DATA\210911\DEC0911.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Sep 13 09:30:16 2021
Response via : Multiple Level Calibration

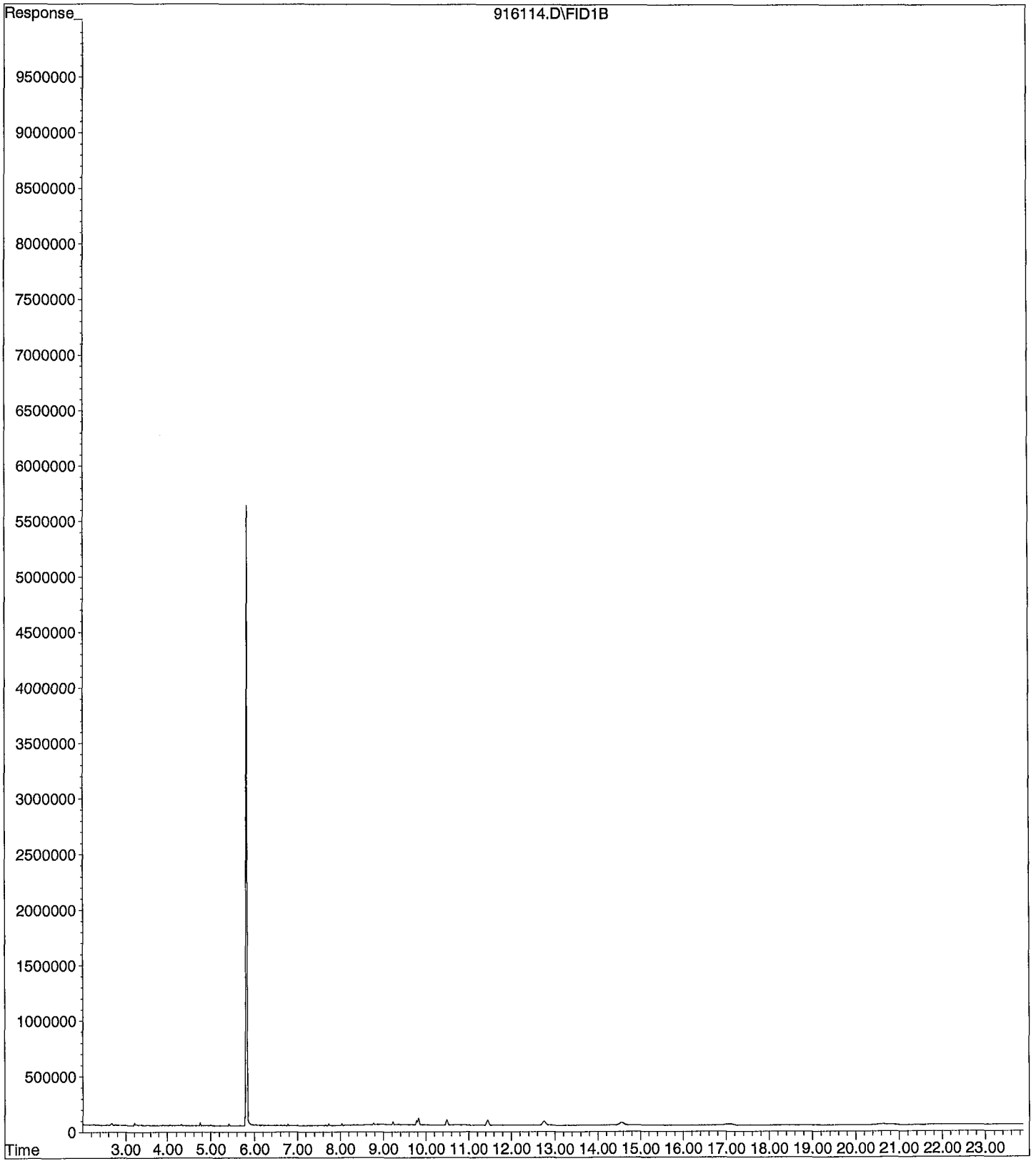
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) SC Decanoic Acid(S)	5.83	90394377	35.226 ppb
Surrogate Spike 24.000	Recovery	=	146.78%

Target Compounds

Target Compounds

File : G:\APOLLO\DATA\210916\916114.D
Operator : KA
Acquired : 9-18-21 21:00:29 using AcqMethod TPHSN.M
Instrument : Apollo
Sample Name: Decanoic Acid CCV 8/27/21
Misc Info : Water
Vial Number: 14



TPH Extractables
DOC0831

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 9/19/2021
Instrument: Apollo
Initial Cal. Date: 8/30/2021
Data File: 916131.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2019600	2058240	1.9	HATM	
2	HBTM	Motor Oil (C24-C40)	2035830	1526880	25	HBTML	0.01
3	SA	Ortho-Terphenyl(S)	2590720	2544850	1.8	SA	
4	SA	Octacosane(S)	1926380	1593810	17	SA	
5							
6							
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34							
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36							
37							
38							
39							
40							
		Average			11.4		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210916\916131.D Vial: 31
Acq On : 9-19-21 5:02:05 Operator: KA
Sample : Diesel Motor Oil CCV 9/17/21 Inst : Apollo
Misc : Water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:04 2021 Quant Results File: DOC0830.RES

Method : G:\APOLLO\DATA\210911\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Sep 20 10:29:43 2021
Response via : Multiple Level Calibration

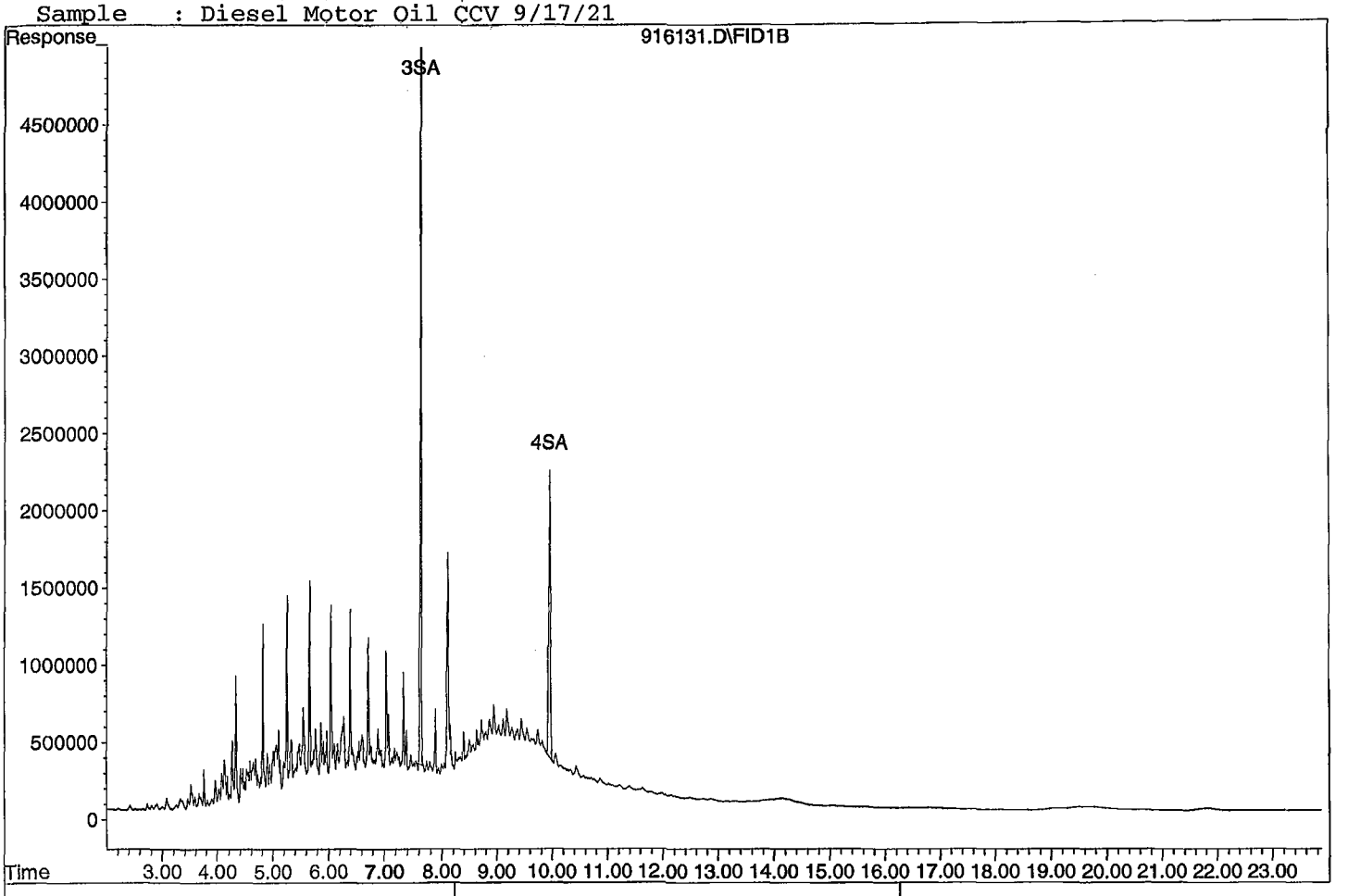
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

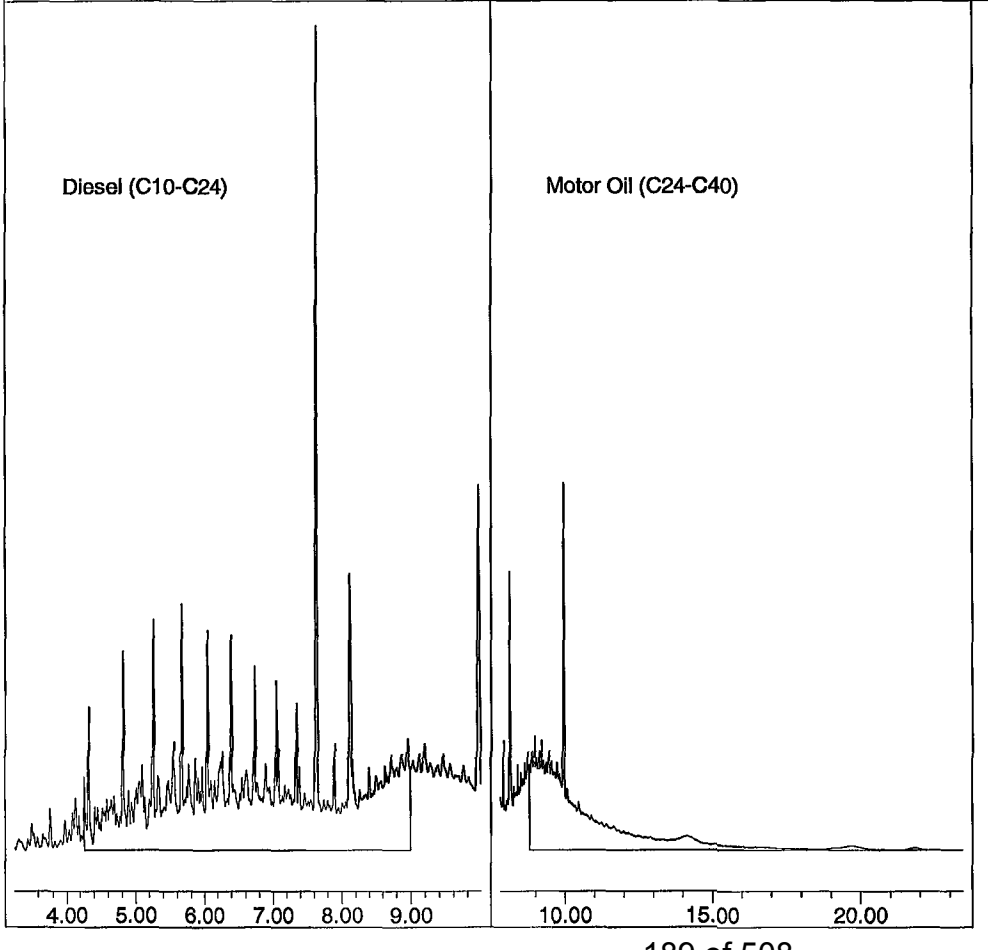
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	63621305	12.279 ppb
Surrogate Spike 30.000		Recovery =	40.93%
4) SA Octacosane(S)	9.95	39845171	10.342 ppb
Surrogate Spike 30.000		Recovery =	34.47%
Target Compounds			
1) HATM Diesel (C10-C24)	6.63	1029122055	254.784 ppb
2) HBTM Motor Oil (C24-C40)	15.62	763437785	249.971 ppb
Target Compounds			

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

Quantitation Report

Data File: G:\APOLLO\DATA\210916\916131.D
Sample : Diesel Motor Oil CCV 9/17/21





TPH Extractables
DEC0911

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 9/19/2021
Instrument: Apollo
Initial Cal. Date: 9/11/2021
Data File: 916132.D

		Compound	MEAN	CCRF	%D	%Drift	
1	SC	Decanoic Acid(S)	1283070	1126980	12	SC	
2							
3							
4							
5							
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38							
39							
40							
		Average			12.0		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210916\916132.D Vial: 32
Acq On : 9-19-21 5:30:15 Operator: KA
Sample : Decanoic Acid CCV 8/27/21 Inst : Apollo
Misc : Water Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:03 2021 Quant Results File: DEC0911.RES

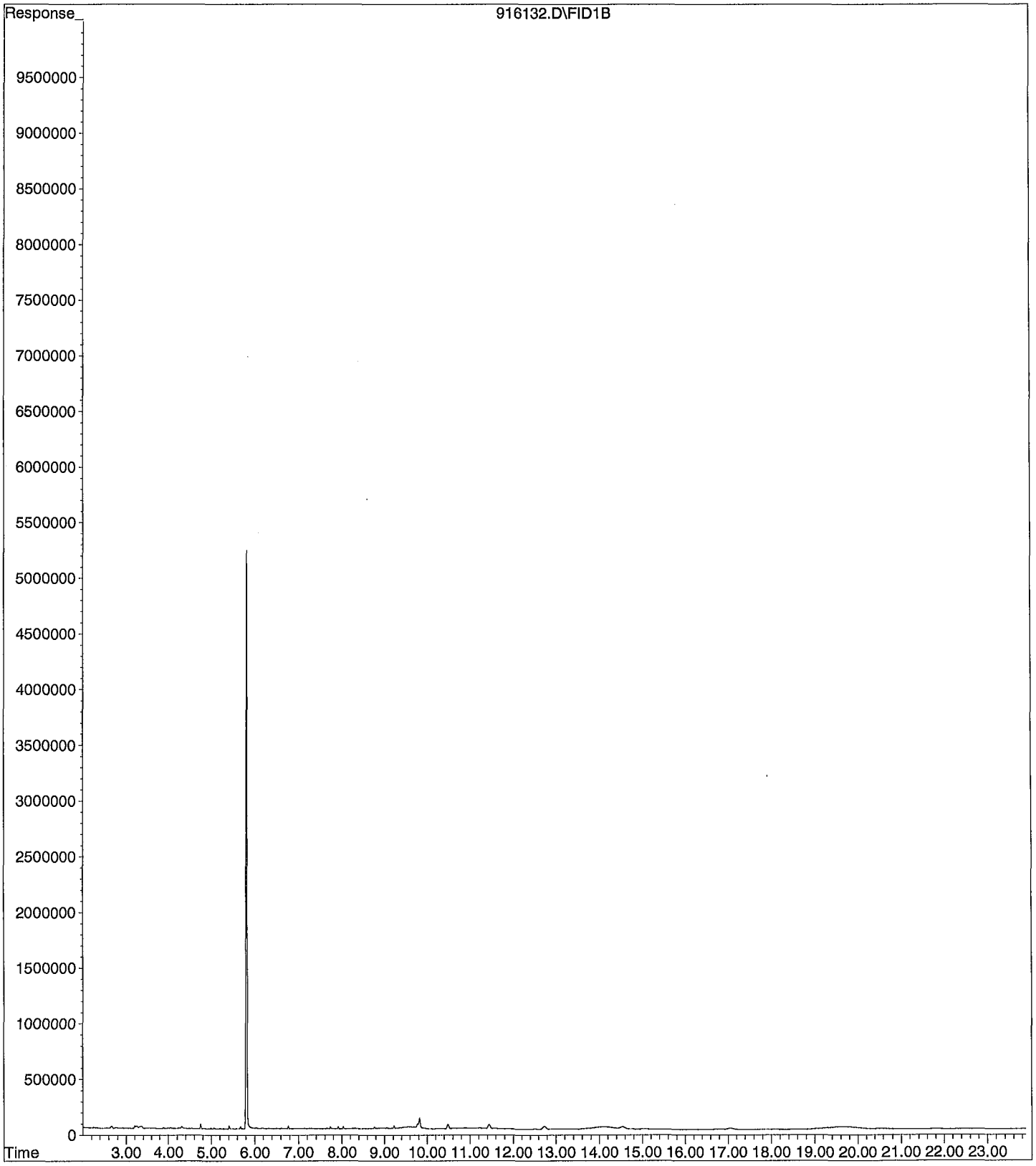
Method : G:\APOLLO\DATA\210911\DEC0911.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Sep 13 09:30:16 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) SC Decanoic Acid(S)	5.82	81142208	31.620 ppb
Surrogate Spike 24.000		Recovery =	131.75%
Target Compounds			
Target Compounds			

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

File : G:\APOLLO\DATA\210916\916132.D
Operator : KA
Acquired : 9-19-21 5:30:15 using AcqMethod TPHSN.M
Instrument : Apollo
Sample Name: Decanoic Acid CCV 8/27/21
Misc Info : Water
Vial Number: 32



ORGANICS

Raw Data

Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\210916\916121.D Vial: 21
Acq On : 9-19-21 0:19:21 Operator: KA
Sample : BA38281W07 5/1000 SG Inst : Apollo
Misc : Water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 23 9:31 2021 Quant Results File: DEC0911.RES

Method : G:\APOLLO\DATA\210911\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)	0.00	0	N.D. ppb
Surrogate Spike 120.000		Recovery =	0.00%
Target Compounds			
Target Compounds			

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

Quantitation Report (Not Reviewed)

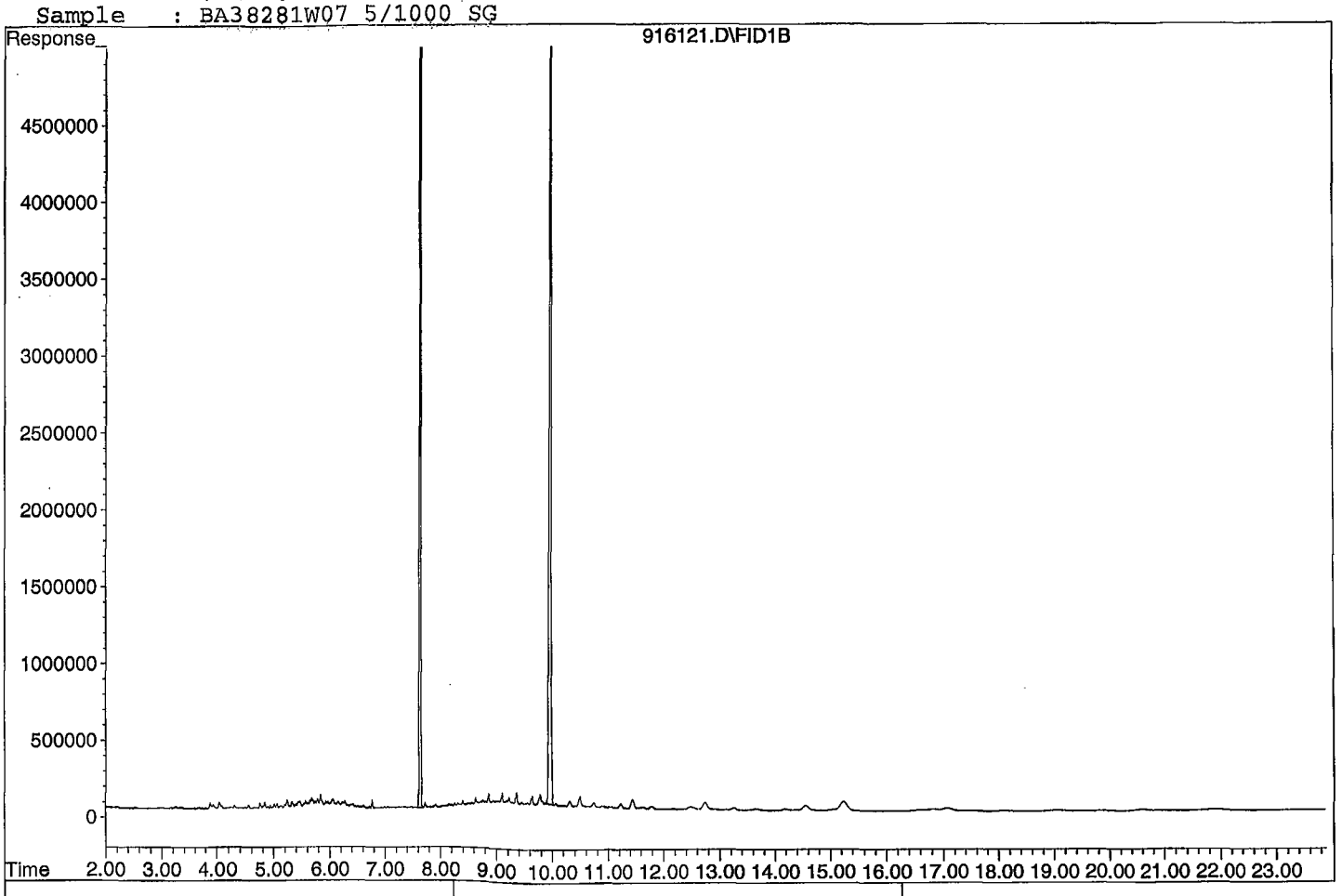
Data File : G:\APOLLO\DATA\210916\916121.D Vial: 21
Acq On : 9-19-21 0:19:21 Operator: KA
Sample : BA38281W07 5/1000 SG Inst : Apollo
Misc : Water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 23 9:28 2021 Quant Results File: DOC0830.RES

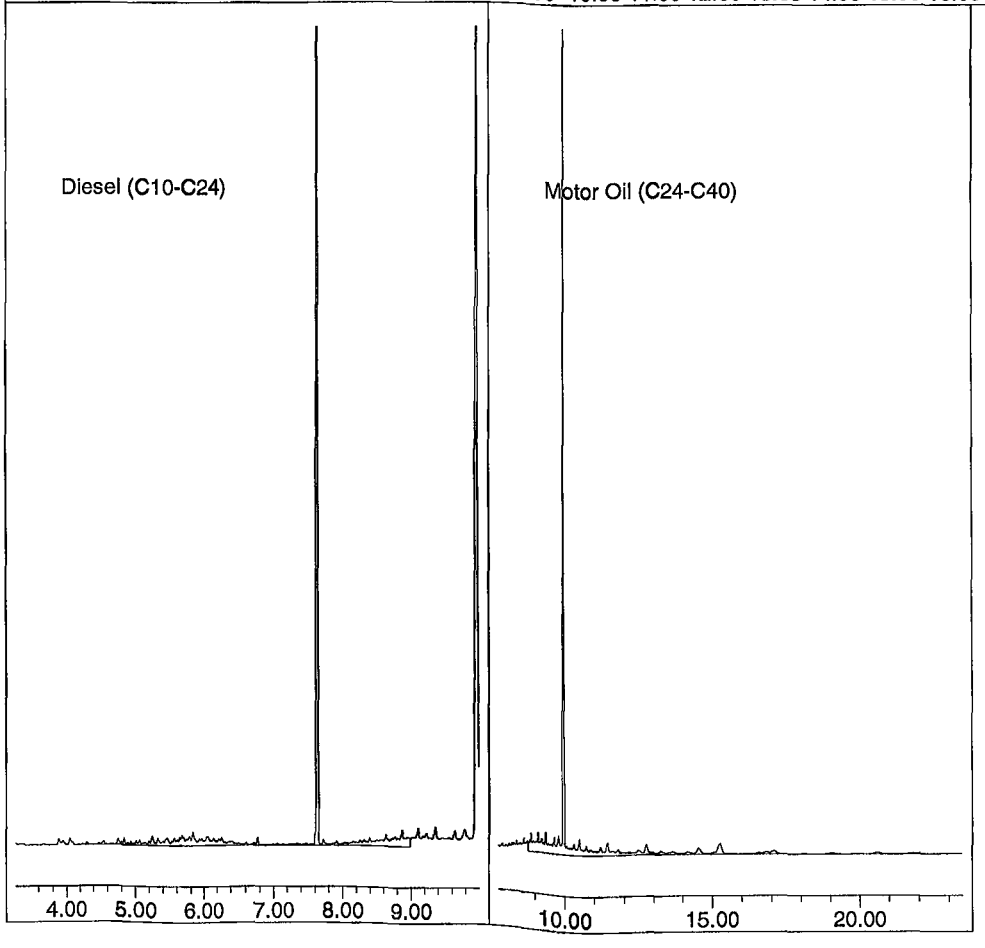
Method : G:\APOLLO\DATA\210911\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Sep 20 10:29:43 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	130620665	126.047 ppb
Surrogate Spike 150.000		Recovery =	84.03%
4) SA Octacosane(S)	9.96	118987298	154.419 ppb
Surrogate Spike 150.000		Recovery =	102.95%
Target Compounds			
1) HATM Diesel (C10-C24)	6.63	56979145	70.533 ppb
2) HBTM Motor Oil (C24-C40)	15.62	137584435	192.148 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\210916\916121.D
Sample : BA38281W07 5/1000 SG





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\210916\916122.D Vial: 22
Acq On : 9-19-21 0:47:42 Operator: KA
Sample : BA38283W08 5/1040 SG Inst : Apollo
Misc : Water Multiplr: 4.81
IntFile : events.e
Quant Time: Sep 23 9:33 2021 Quant Results File: DEC0911.RES

Method : G:\APOLLO\DATA\210911\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)	0.00	0	N.D.	ppb d
Surrogate Spike 115.385		Recovery =	0.00%	
Target Compounds				
Target Compounds				

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210916\916122.D Vial: 22
Acq On : 9-19-21 0:47:42 Operator: KA
Sample : BA38283W08 5/1040 SG Inst : Apollo
Misc : Water Multiplr: 4.81
IntFile : events.e
Quant Time: Sep 23 9:28 2021 Quant Results File: DOC0830.RES

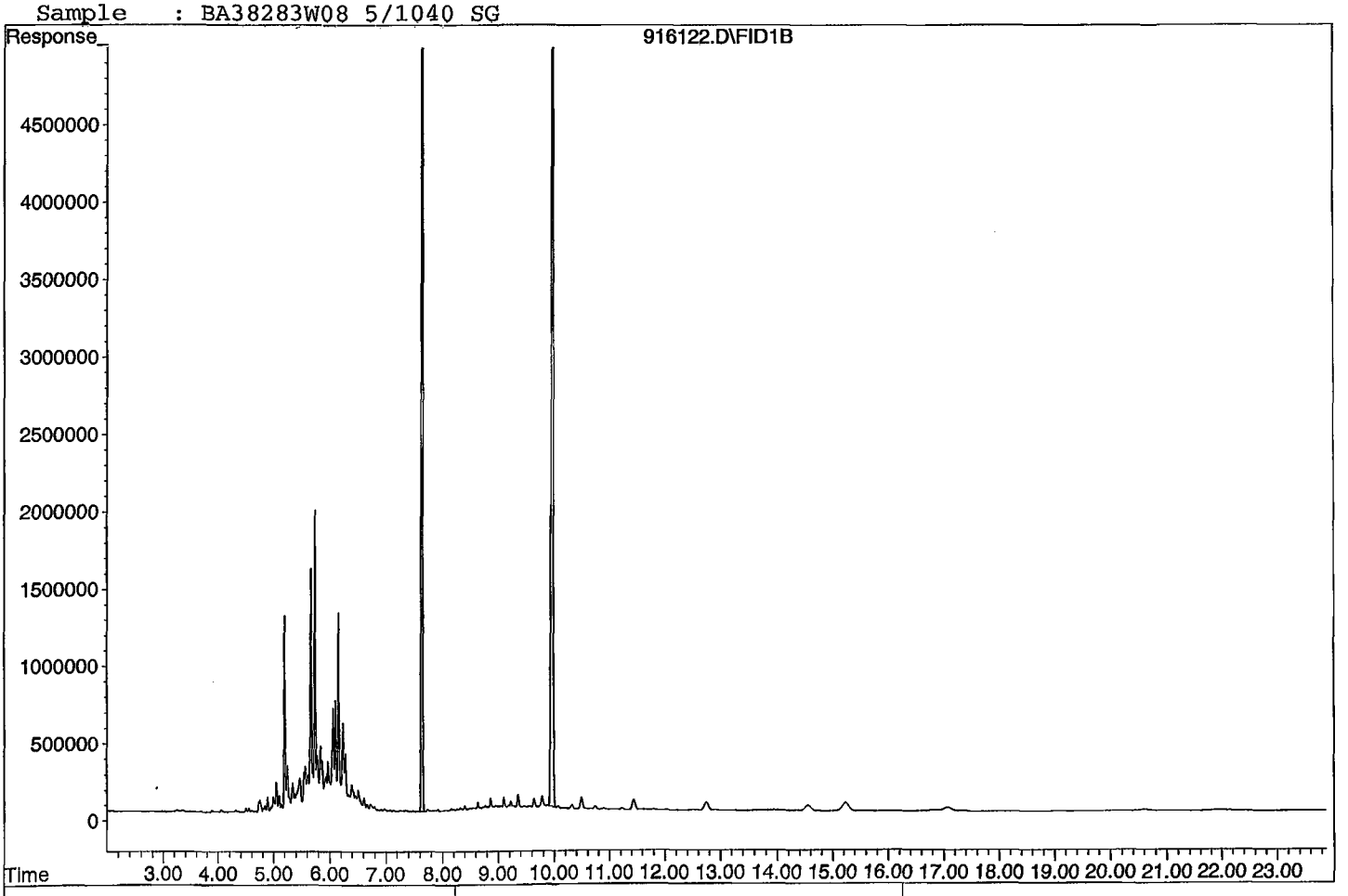
Method : G:\APOLLO\DATA\210911\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Sep 20 10:29:43 2021
Response via : Multiple Level Calibration

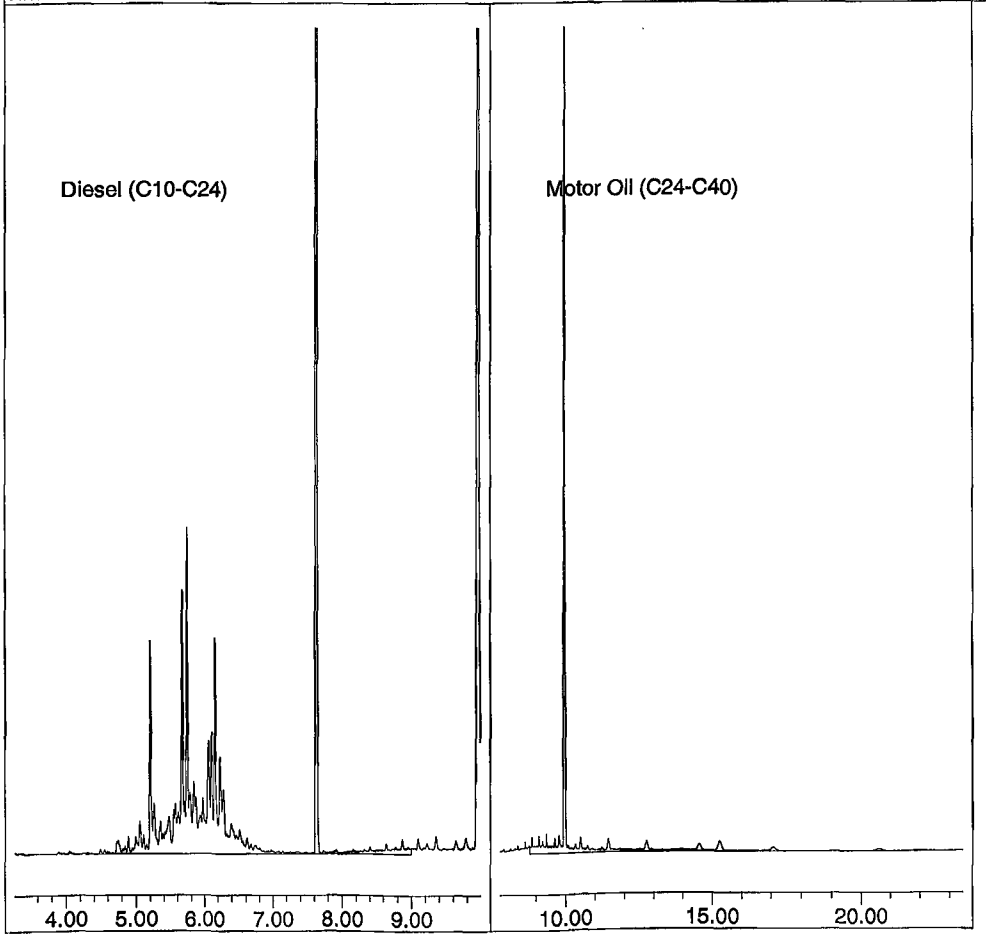
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	165731183	153.777 ppb
Surrogate Spike 144.231		Recovery =	106.62%
4) SA Octacosane(S)	9.96	153575860	191.641 ppb
Surrogate Spike 144.231		Recovery =	132.87%
Target Compounds			
1) HATM Diesel (C10-C24)	6.63	282344674	336.064 ppb
2) HBTM Motor Oil (C24-C40)	15.62	109437997	139.019 ppb

Target Compounds

Data File: G:\APOLLO\DATA\210916\916122.D
Sample : BA38283W08 5/1040 SG





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\210916\916123.D Vial: 23
Acq On : 9-19-21 1:16:03 Operator: KA
Sample : BA38285W08 5/1040 SG Inst : Apollo
Misc : Water Multiplr: 4.81
IntFile : events.e
Quant Time: Sep 23 9:31 2021 Quant Results File: DEC0911.RES

Method : G:\APOLLO\DATA\210911\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)	0.00	0	N.D. ppb
Surrogate Spike 115.385		Recovery =	0.00%
Target Compounds			
Target Compounds			

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210916\916123.D Vial: 23
Acq On : 9-19-21 1:16:03 Operator: KA
Sample : BA38285W08 5/1040 SG Inst : Apollo
Misc : Water Multiplr: 4.81
IntFile : events.e
Quant Time: Sep 23 9:28 2021 Quant Results File: DOC0830.RES

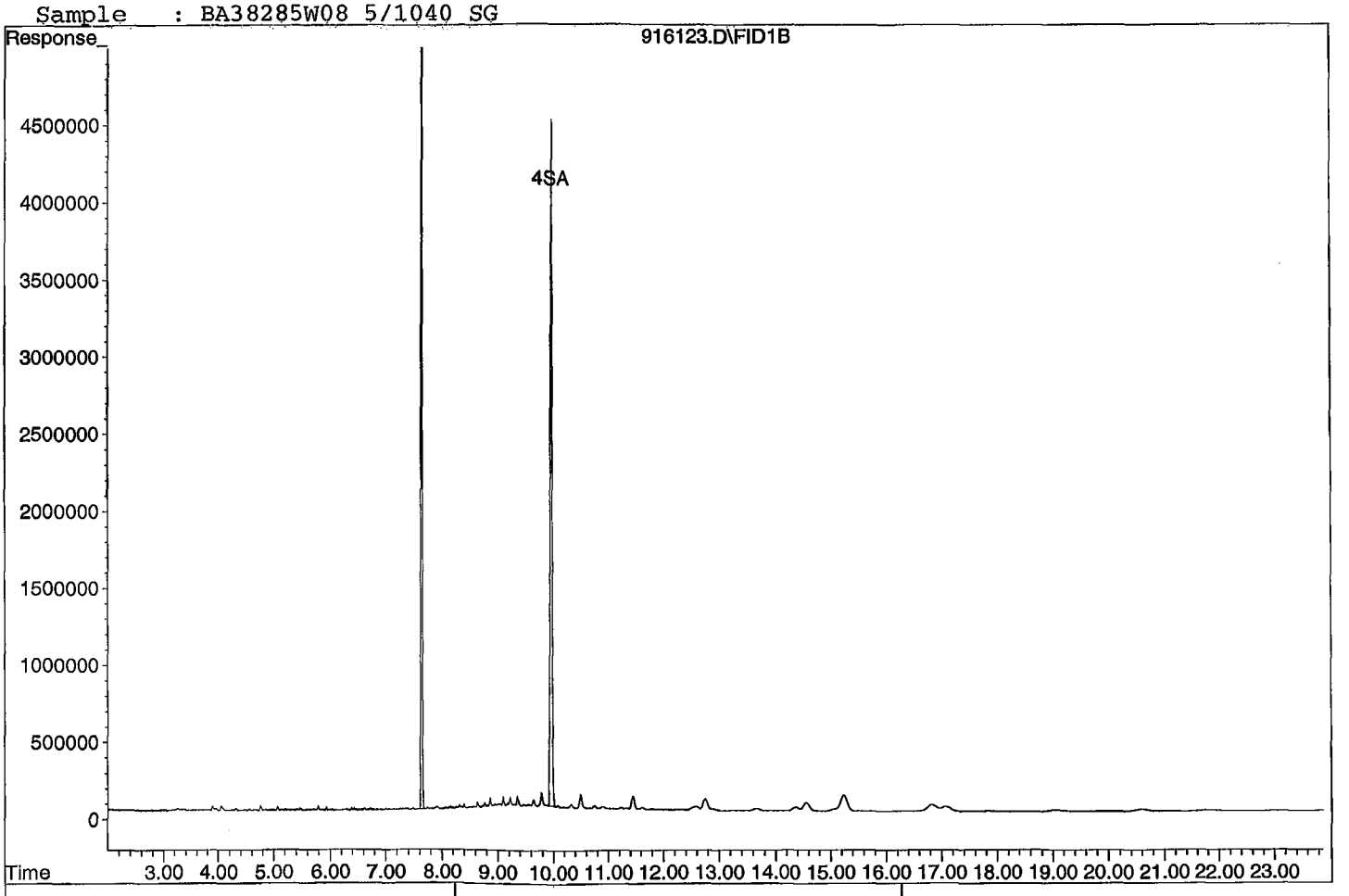
Method : G:\APOLLO\DATA\210911\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Sep 20 10:29:43 2021
Response via : Multiple Level Calibration

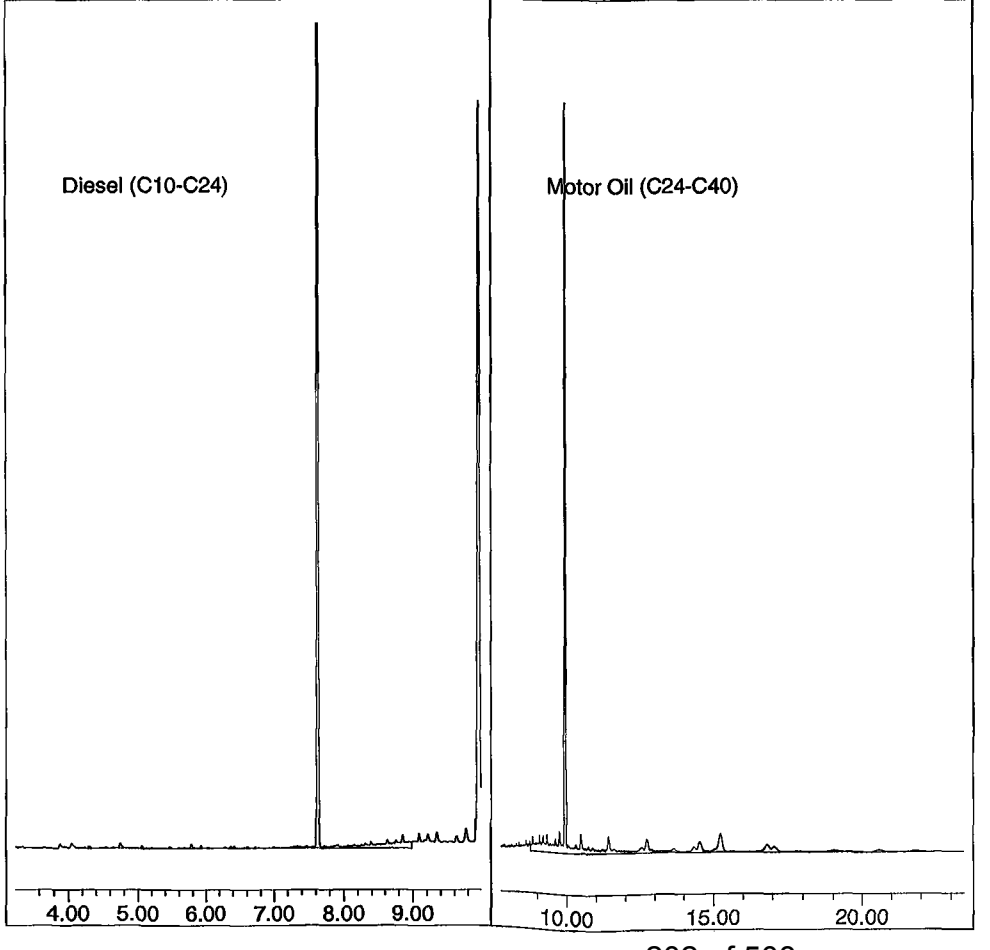
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	105923186	98.283 ppb
Surrogate Spike 144.231		Recovery =	68.14%
4) SA Octacosane(S)	9.96	98660259	123.114 ppb
Surrogate Spike 144.231		Recovery =	85.36%
Target Compounds			
1) HATM Diesel (C10-C24)	6.63	26494949	31.536 ppb
2) HBTM Motor Oil (C24-C40)	15.62	139498711	187.868 ppb
Target Compounds			

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

Data File: G:\APOLLO\DATA\210916\916123.D
Sample : BA38285W08 5/1040 SG





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\210916\916124.D Vial: 24
Acq On : 9-19-21 1:44:22 Operator: KA
Sample : BA38287W08 5/1000 SG Inst : Apollo
Misc : Water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 23 9:31 2021 Quant Results File: DEC0911.RES

Method : G:\APOLLO\DATA\210911\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)	0.00	0	N.D. ppb
Surrogate Spike 120.000		Recovery =	0.00%
Target Compounds			
Target Compounds			

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

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210916\916124.D Vial: 24
Acq On : 9-19-21 1:44:22 Operator: KA
Sample : BA38287W08 5/1000 SG Inst : Apollo
Misc : Water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 23 9:28 2021 Quant Results File: DOC0830.RES

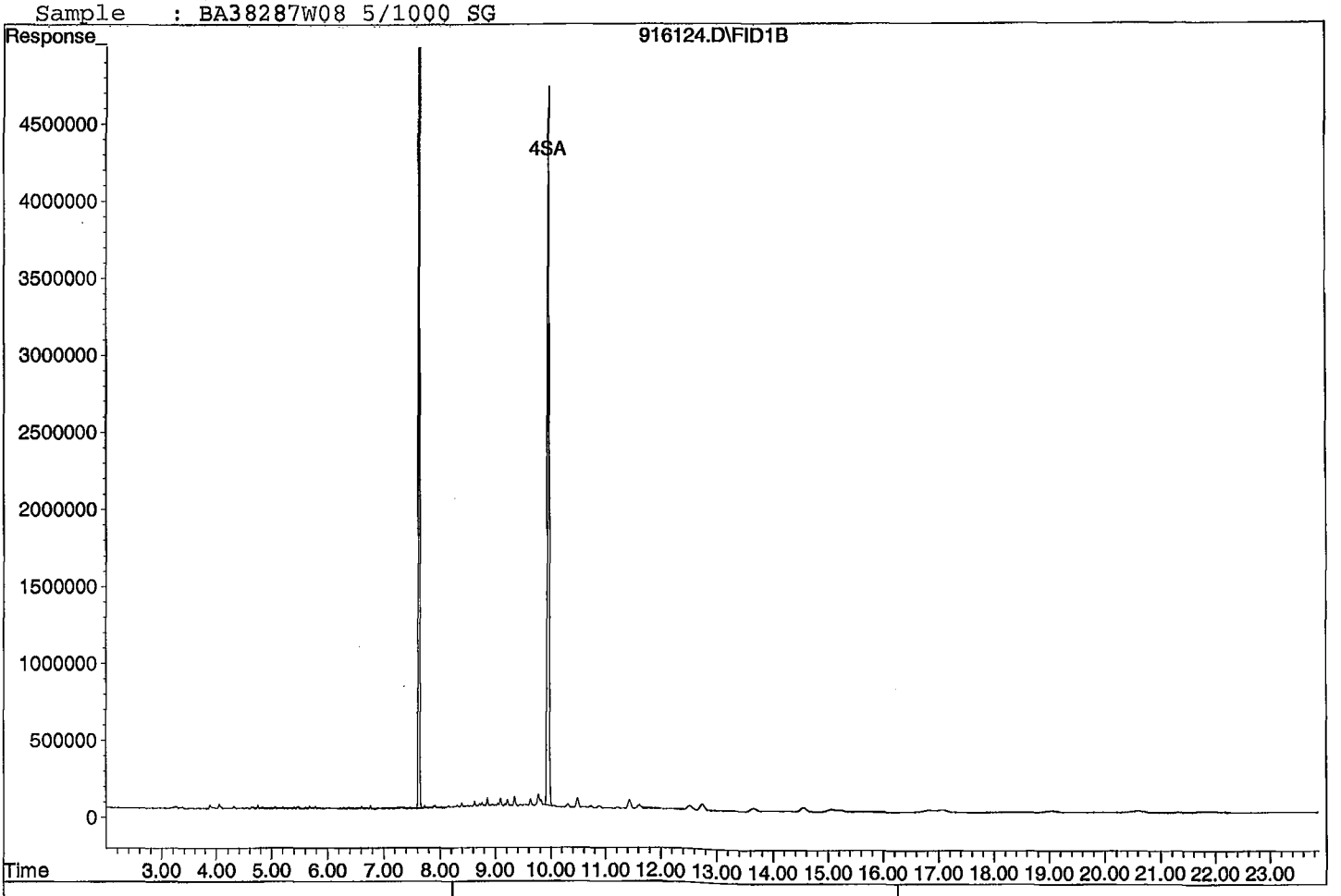
Method : G:\APOLLO\DATA\210911\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Sep 20 10:29:43 2021
Response via : Multiple Level Calibration

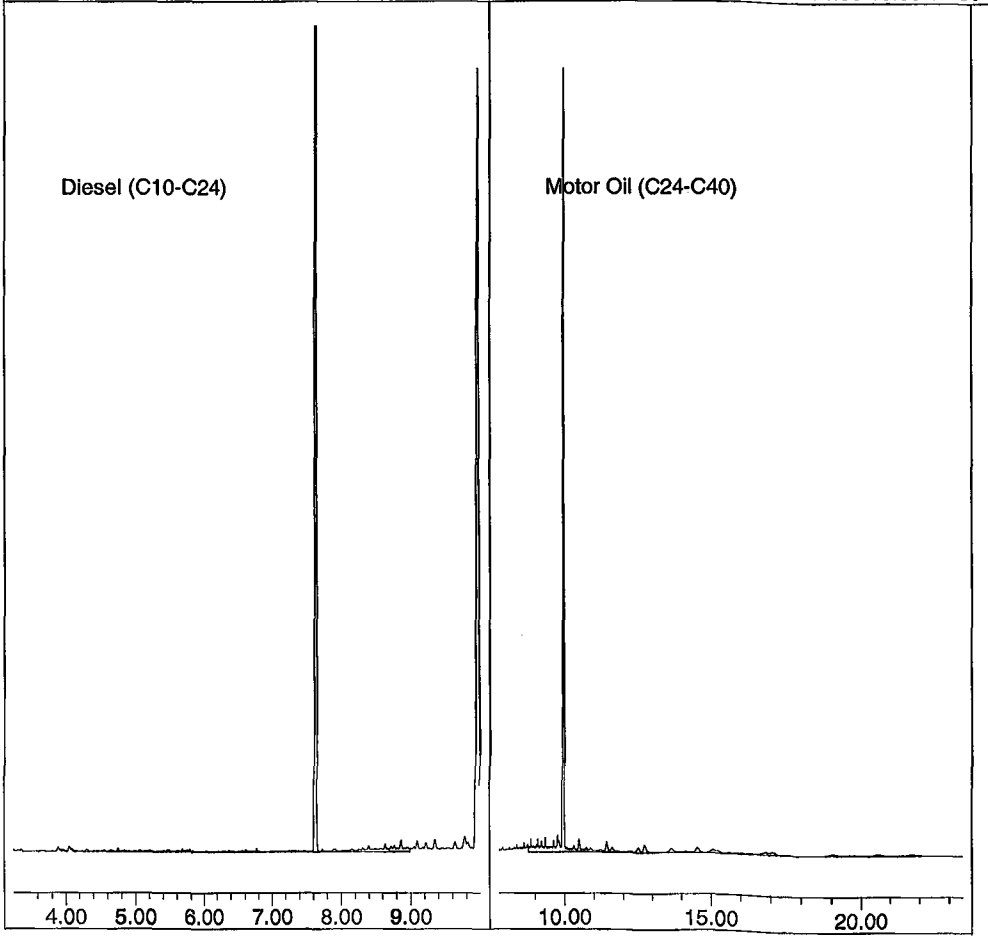
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	119439518	115.257 ppb
Surrogate Spike 150.000		Recovery =	76.84%
4) SA Octacosane(S)	9.96	106159907	137.771 ppb
Surrogate Spike 150.000		Recovery =	91.85%
Target Compounds			
1) HATM Diesel (C10-C24)	6.63	20105972	24.889 ppb
2) HBTM Motor Oil (C24-C40)	15.62	82655906	99.318 ppb

Target Compounds

Data File: G:\APOLLO\DATA\210916\916124.D
Sample : BA38287W08 5/1000 SG





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\210916\916115.D Vial: 15
Acq On : 9-18-21 21:28:56 Operator: KA
Sample : 210823A BLK 5/1000 SG Inst : Apollo
Misc : Water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 23 9:30 2021 Quant Results File: DEC0911.RES

Method : G:\APOLLO\DATA\210911\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)	0.00	0	N.D. ppb
Surrogate Spike 120.000		Recovery =	0.00%
Target Compounds			
Target Compounds			

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210916\916115.D Vial: 15
Acq On : 9-18-21 21:28:56 Operator: KA
Sample : 210823A BLK 5/1000 SG Inst : Apollo
Misc : Water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 23 9:28 2021 Quant Results File: DOC0830.RES

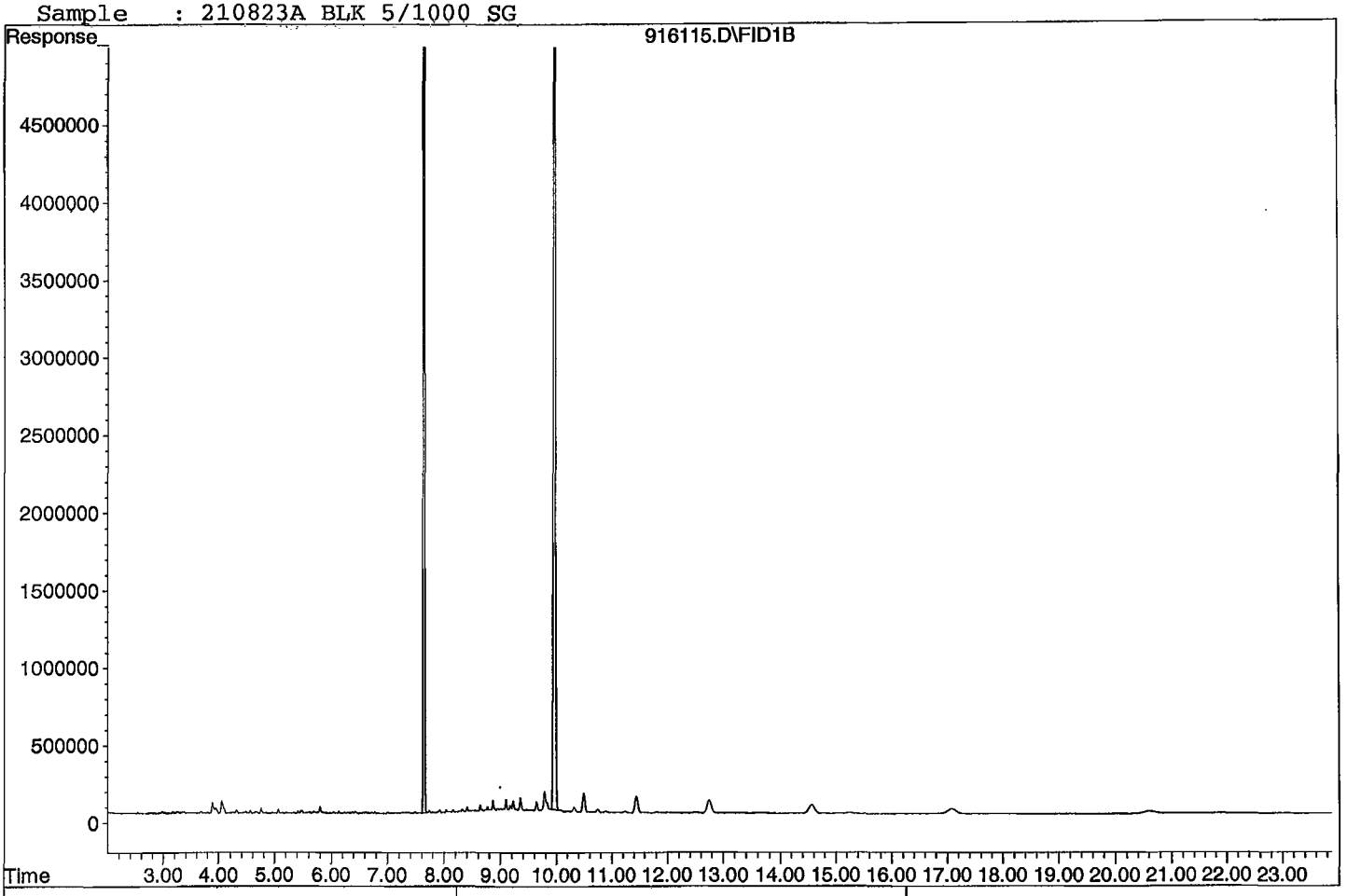
Method : G:\APOLLO\DATA\210911\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Sep 20 10:29:43 2021
Response via : Multiple Level Calibration

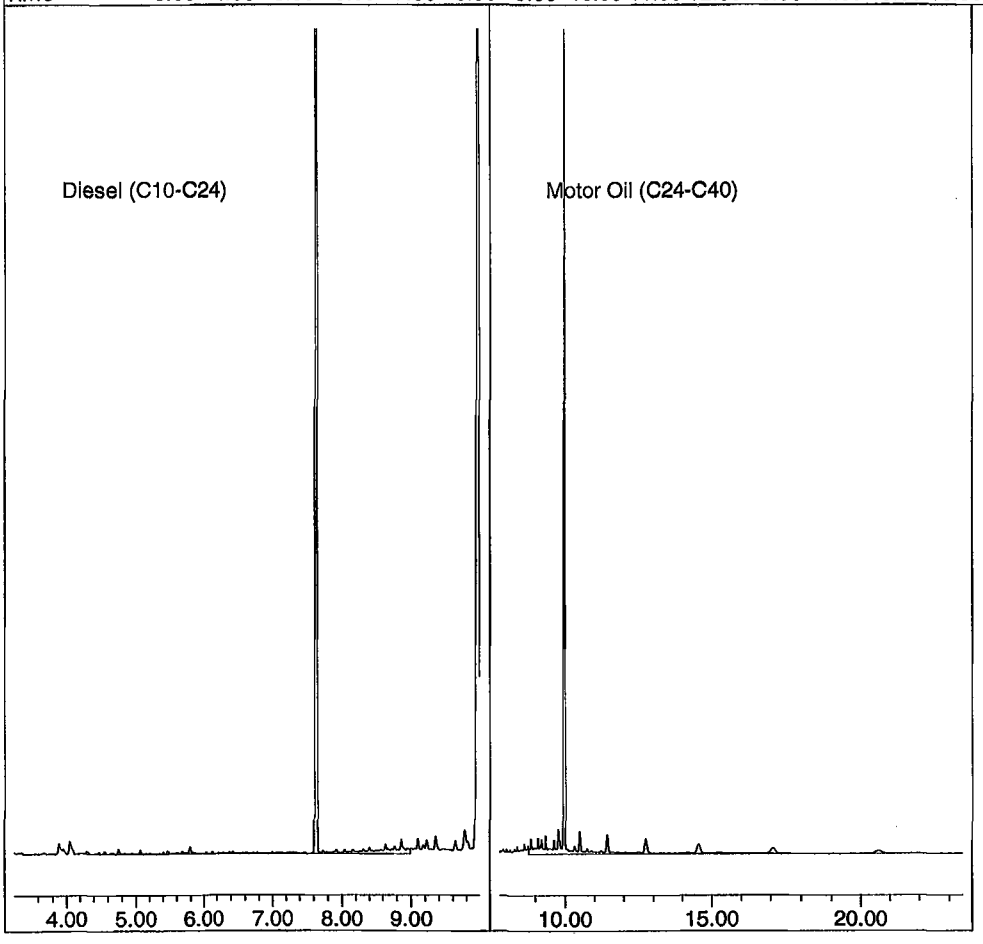
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	182226906	175.846 ppb
Surrogate Spike 150.000		Recovery =	117.23%
4) SA Octacosane(S)	9.96	166648556	216.272 ppb
Surrogate Spike 150.000		Recovery =	144.18%
Target Compounds			
1) HATM Diesel (C10-C24)	6.63	24764136	30.655 ppb
2) HBTM Motor Oil (C24-C40)	15.62	94870765	119.961 ppb
Target Compounds			

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

Data File: G:\APOLLO\DATA\210916\916115.D
Sample : 210823A BLK 5/1000 SG





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\210916\916116.D Vial: 16
Acq On : 9-18-21 21:57:24 Operator: KA
Sample : 210823A LCS-1 5/1000 SG Inst : Apollo
Misc : Water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 23 9:31 2021 Quant Results File: DEC0911.RES

Method : G:\APOLLO\DATA\210911\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)	0.00	0	N.D.	ppb d
Surrogate Spike 120.000		Recovery =	0.00%	
Target Compounds				
Target Compounds				

(f)=RT Delta > 1/2 Window

(m)=manual int.
916116.D DEC0911.M Thu Sep 23 09:51:43 2021 Page 1

Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\210916\916116.D Vial: 16
Acq On : 9-18-21 21:57:24 Operator: KA
Sample : 210823A LCS-1 5/1000 SG Inst : Apollo
Misc : Water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 23 9:28 2021 Quant Results File: DOC0830.RES

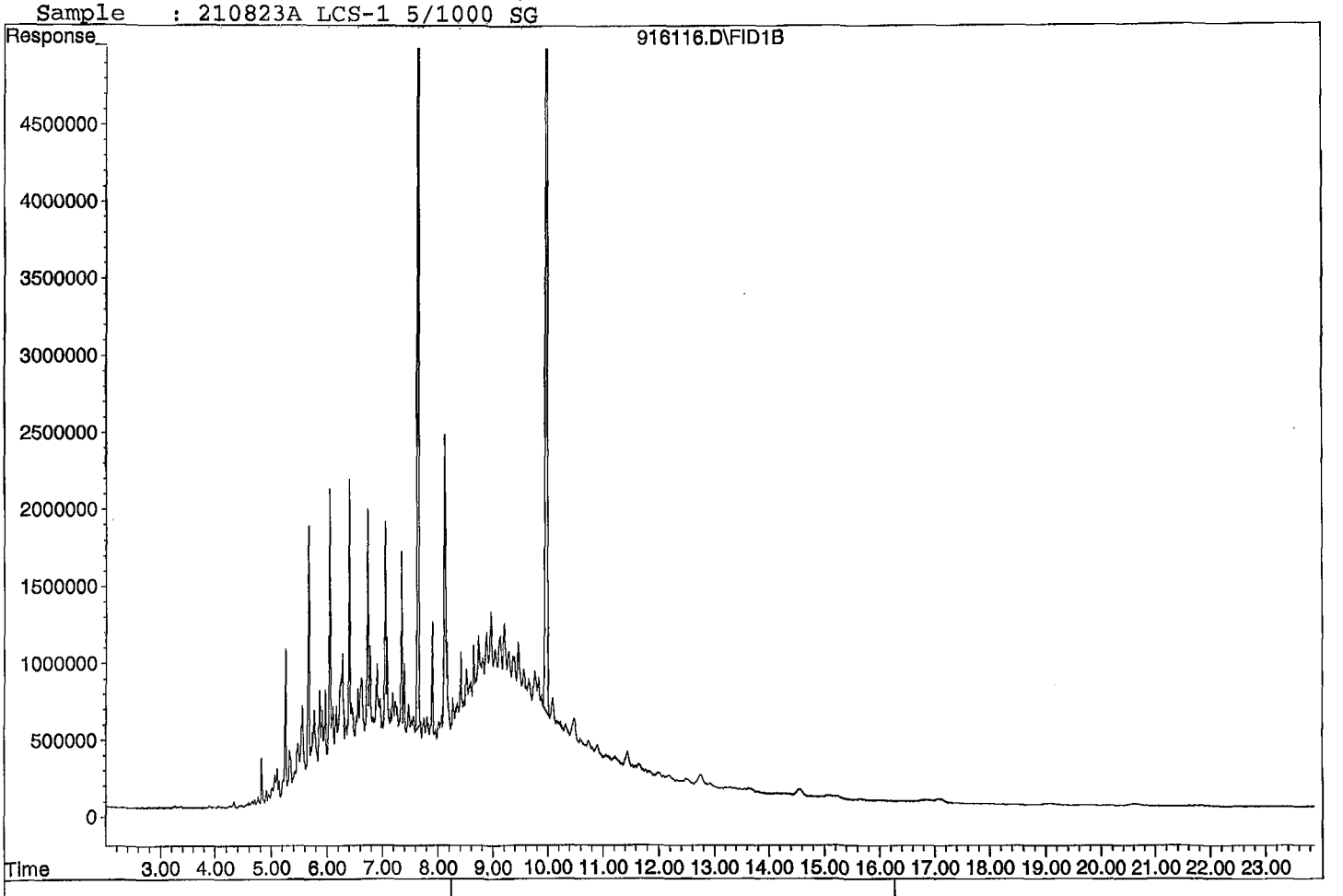
Method : G:\APOLLO\DATA\210911\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Sep 20 10:29:43 2021
Response via : Multiple Level Calibration

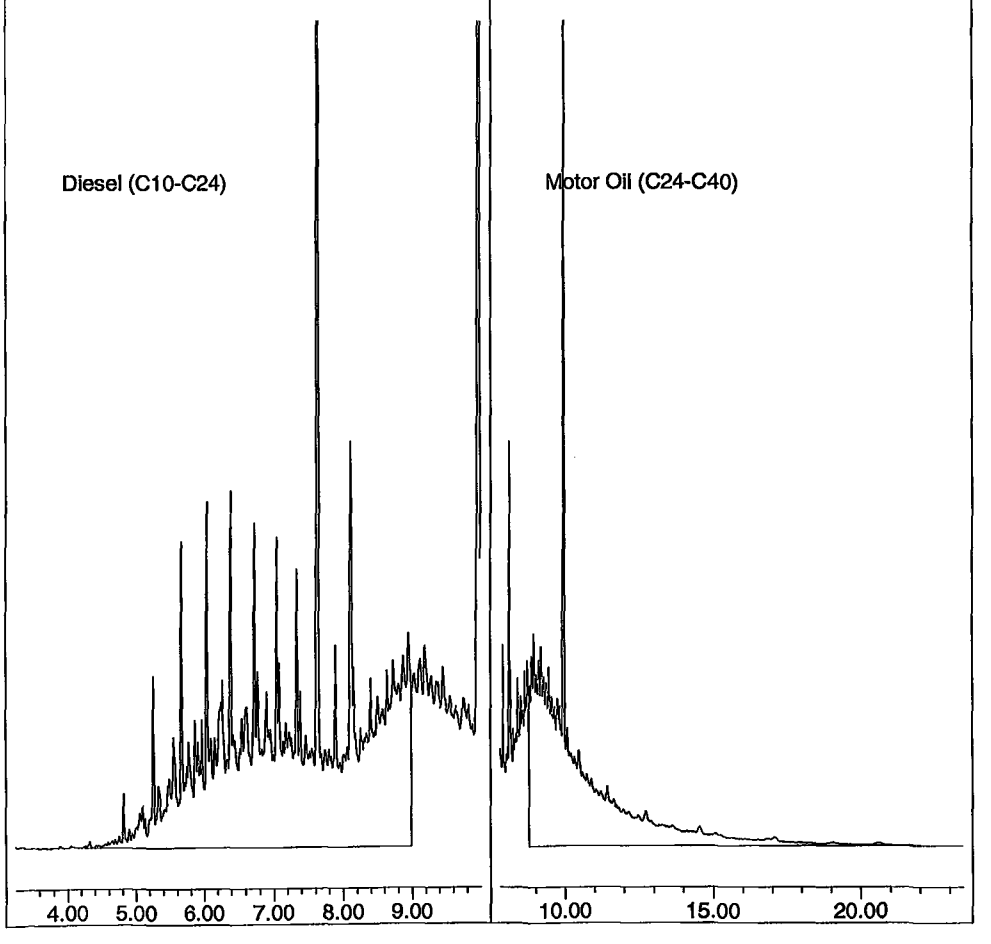
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	170608052	164.634 ppb
Surrogate Spike 150.000		Recovery =	109.76%
4) SA Octacosane(S)	9.96	140743537	182.653 ppb
Surrogate Spike 150.000		Recovery =	121.77%
Target Compounds			
1) HATM Diesel (C10-C24)	6.63	1548361416	1916.672 ppb
2) HBTM Motor Oil (C24-C40)	15.62	1407487220	2338.312 ppb

Target Compounds

Data File: G:\APOLLO\DATA\210916\916116.D
Sample : 210823A LCS-1 5/1000 SG





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\210916\916117.D
Acq On : 9-18-21 22:25:51
Sample : 210823A LCSD-1 5/1000 SG
Misc : Water
IntFile : events.e
Quant Time: Sep 23 9:32 2021 Quant Results File: DEC0911.RES

Vial: 17
Operator: KA
Inst : Apollo
Multiplr: 5.00

Method : G:\APOLLO\DATA\210911\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)	0.00	0	N.D.	ppb	d
Surrogate Spike 120.000		Recovery =	0.00%		
Target Compounds					
Target Compounds					

(f)=RT Delta > 1/2 Window

(m)=manual int.

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210916\916117.D Vial: 17
Acq On : 9-18-21 22:25:51 Operator: KA
Sample : 210823A LCSD-1 5/1000 SG Inst : Apollo
Misc : Water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 23 9:28 2021 Quant Results File: DOC0830.RES

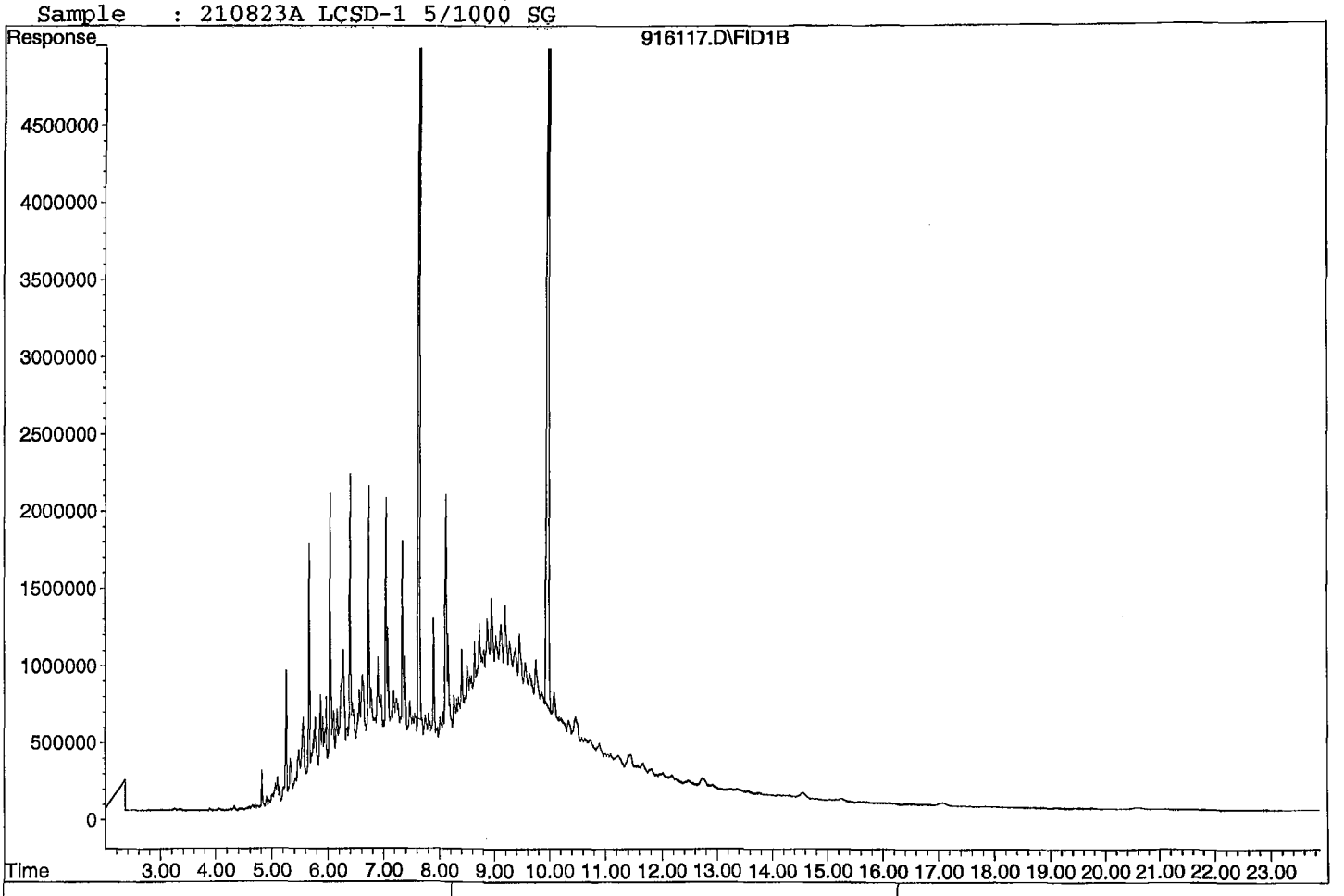
Method : G:\APOLLO\DATA\210911\DOC0830.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Mon Sep 20 10:29:43 2021
Response via : Multiple Level Calibration

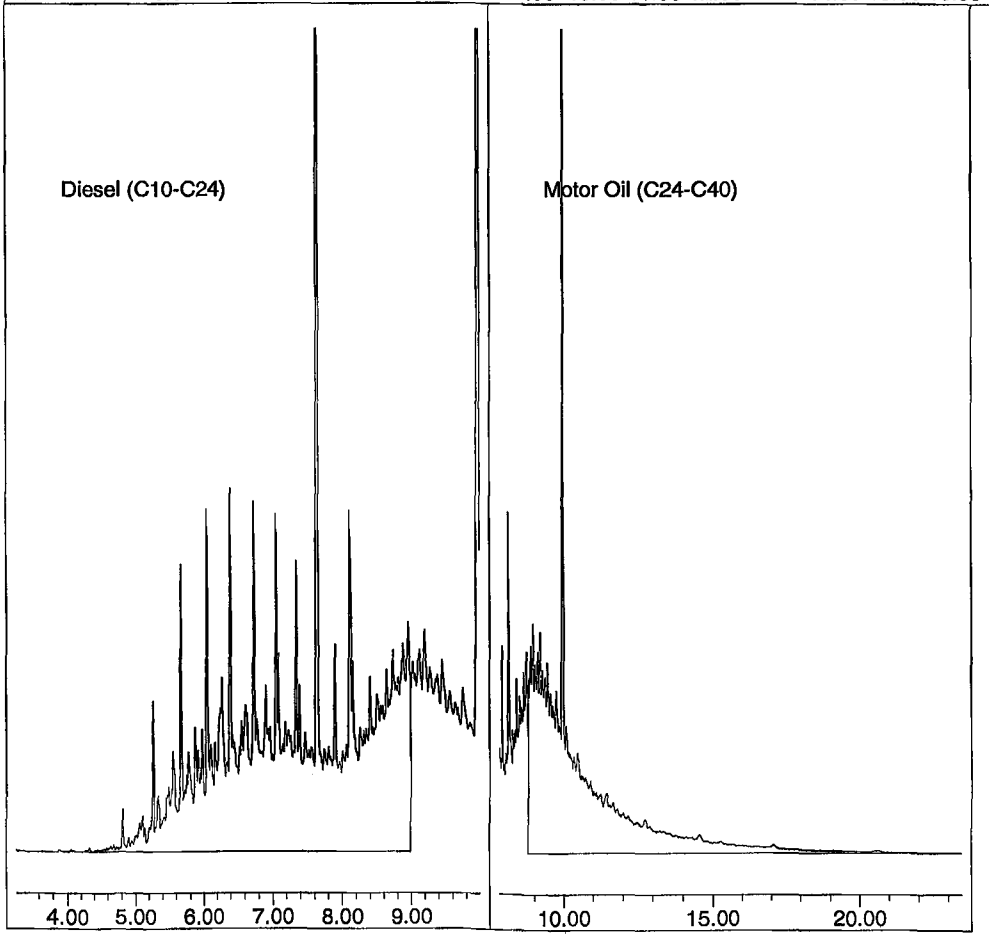
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.63	174560354	168.448 ppb
Surrogate Spike 150.000		Recovery =	112.30%
4) SA Octacosane(S)	9.96	148114440	192.219 ppb
Surrogate Spike 150.000		Recovery =	128.15%
Target Compounds			
1) HATM Diesel (C10-C24)	6.63	1579683487	1955.444 ppb
2) HBTM Motor Oil (C24-C40)	15.62	1508626045	2509.238 ppb
Target Compounds			

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

Data File: G:\APOLLO\DATA\210916\916117.D
Sample : 210823A LCSD-1 5/1000 SG





Diesel Motor Oil Calibration Curve

Prep'd By (Initials) **MB**

Prep Date **7/2/2021**

Exp Date **7/2/2022**

						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc. (ug/mL)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Solvent	Final Standard Conc (ug/mL)
Diesel Motor Oil Calibration STD -2	AAPL	Diesel /Motor Oil 1	10	**4/21/2021**	**5/6/2022**	100 uL	200 uL	**MC**	5
Diesel Motor Oil Calibration STD-3	AAPL	Diesel /Motor Oil 2	50	**4/21/2021**	**5/6/2022**	200 uL	1 mL	**MC**	10
Diesel Motor Oil Calibration STD	Restek	Diesel /Motor Oil 3	2000	**4/21/2021**	**5/6/2022**	25 uL	1mL	**MC**	50
Diesel Motor Oil Calibration STD	Restek	Diesel /Motor Oil 4	2000	**4/21/2021**	**5/6/2022**	125 uL	1mL	**MC**	250
Diesel Motor Oil Calibration STD	Restek	Diesel /Motor Oil 5	2000	**4/21/2021**	**5/6/2022**	500 uL	1 mL	**MC**	1000
Diesel Motor Oil Calibration STD	Restek	Diesel /Motor Oil 6	2000	**4/21/2021**	**5/6/2022**	750 uL	1 mL	**MC**	1500
Diesel Motor Oil Calibration STD	Restek	Diesel /Motor Oil 7	2000	**4/21/2021**	**5/6/2022**	100uL	100 uL	**MC**	2000

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

Diesel / Motor Oil Second Source

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

Prepared By (Initials): SS

Methylene Chloride Lot No. 58059

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

Diesel / Motor Oil CCV

Prepared: 9/17/2021
Expires: 9/17/2022

Prepared By (Initials): KA

Methylene Chloride
Lot No. 61117

Standard							Final Standard Information			
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: 9/17/21 A0164485-52822, A0168842-52820, CL16893-52844**	**9/17/2022**	**10/31/2027 03/31/2028 5/31/2026**	1250uL	10mL	MC	250

Decanoic Acid CCV

Prepared: 8/27/2021 **Prepared By (Initials): KA**

Expires: 8/27/2022

Methylene Chloride Lot No. 61117

Initial Standard Information							Final Standard			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Decanoic Acid	O2SI	72766	1,000	**070821-52687**	8/27/2022	**7/8/2024**	360uL	10mL	MC	36

Diesel Motor Oil Mix

Prepared: 7/19/2021
Expires: 7/19/2022

Prepared By (initials): MB

Initial Standard Information							Final Standard Information			
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	Standard Conc. (ug/mL)
Diesel Fuel #2	Restek	31258	50,000	A0164485-52660,52480,52661	6/28/2022	2/28/2027	4.00 mL	8.0 mL	NA	25,000
Motor Oil Composite	Restek	31464	50,000	A0166510-52665,52666.52667	6/28/2022	9/30/2027	4.00 mL			25,000

Decanoic Acid Spike

Prepared: 9/4/2021

Expires: 9/4/2022

Prepared By (Initials): KA

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Decanoic Acid Spike	Absolute	72766	1,000	**070821-52689**	**9/4/2022**	**7/8/2024**	N/A	N/A	N/A	1,000

THC Surrogate

Prepared: 8/16/2021 **KA**

Expires: 8/16/2022

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
O-terphenyl / Octacosane Mix	Phenova	ALO-130161	600	**CL16893-52843**	**8/16/2022**	**5/31/2026**	N/A	N/A	N/A	600

Organic Extraction Worksheet

Method	Continuous Liq/Liq TPH- 3520C w/SGC	Extraction Set	210823A	Extraction Method	LIQ005SGC	Units	mL

Spiked ID 1	Diesel Motor Oil Mix 7-19-21 7-19-22		Surrogate ID 1	THC Surrogate 8-16-21 8-16-22	
Spiked ID 2	Decanoic 1000ug/mL Acid Solution		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:		
Spiked ID 8			Ext. End Time:		
			GC Requires Extract By:		

pH1	2		Water Bath Temp 1 °C	
pH2			Water Bath Temp 2 °C	
pH3			Water Bath Temp 3 °C	

Spiked By: YL **Date** 8/24/2021 **Witnessed By:** SR **Date** 8/24/2021

	Sample	Sample Container	Spike Amount	Spike ID	Surrogate Amount	Surrogate ID	Extract Amount	Final Volume	pH	Extract Date/Time	Comments
1	210823A Blk		0.050	2	0.250	1 equip	1000	5	2	08/23/21 16:38	*
2	210823A LCS-1		0.080,0.050	1,2	0.250	1 equip	1000	5	2	08/23/21 16:38	*
3	210823A LCSD-1		0.080,0.050	1,2	0.250	1 equip	1000	5	2	08/23/21 16:38	*
4	BA38152	BA38152W10	0.050	2	0.250	1 equip	1000	5	2	08/23/21 16:38	97207 *
5	BA38175	BA38175W10	0.050	2	0.250	1 equip	1020	5	2	08/23/21 16:38	97211 *
6	BA38176	BA38176W10	0.050	2	0.250	1 equip	1000	5	2	08/23/21 16:38	97211 *
7	BA38254	BA38254W09			0.250	1 equip	1040	5	2	08/23/21 16:38	97217
8	BA38281	BA38281W07	0.050	2	0.250	1 equip	1000	5	2	08/23/21 16:38	97221 *
9	BA38283	BA38283W08	0.050	2	0.250	1 equip	1040	5	2	08/23/21 16:38	97221 *
10	BA38285	BA38285W08	0.050	2	0.250	1 equip	1040	5	2	08/23/21 16:38	97221 *
11	BA38287	BA38287W08	0.050	2	0.250	1 equip	1000	5	2	08/23/21 16:38	97221 *
12	BA38376	BA38376W08			0.250	1 equip	1030	5	2	08/24/21 11:35	97230
13	BA38380	BA38380W14			0.250	1 equip	1040	5	2	08/24/21 11:35	97230

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

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

	Technician's Initials
Scanned By	
Sample Preparation	
Extraction	
Concentration	

Modified	8/27/2021 11:36:47 AM

Reviewed By: **Date**

Injection Log

Directory: G:\APOLLO\DATA\210702\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	5	702005.D	1	DMO STD-1 07/02/21	water	7-2-21 14:35:23
2	6	702006.D	1	DMO STD-2 07/02/21	water	7-2-21 15:03:41
3	7	702007.D	1	DMO STD-3 07/02/21	water	7-2-21 15:32:00
4	8	702008.D	1	DMO STD-4 07/02/21	water	7-2-21 16:01:03
5	9	702009.D	1	DMO STD-5 07/02/21	water	7-2-21 16:29:22
6	10	702010.D	1	DMO STD-6 07/02/21	water	7-2-21 16:57:44
7	11	702011.D	1	DMO STD-7 07/02/21	water	7-2-21 17:26:03
8	12	702012.D	1	DMO STD-SS 07/02/21	water	7-2-21 17:54:24
9	2	911002.D	1	Decanoic Acid STD 1	water	9-11-21 10:22:53
10	3	911003.D	1	Decanoic Acid STD 2	water	9-11-21 10:51:11
11	4	911004.D	1	Decanoic Acid STD 3	water	9-11-21 11:19:39
12	5	911005.D	1	Decanoic Acid STD 4	water	9-11-21 11:48:04
13	6	911006.D	1	Decanoic Acid STD 5	water	9-11-21 12:16:37
14	7	911007.D	1	Decanoic Acid STD 6	water	9-11-21 12:45:02
15	13	916113.D	1	Diesel Motor Oil CCV 9/17/21	Water	9-18-21 20:32:06
16	14	916114.D	1	Decanoic Acid CCV 8/27/21	Water	9-18-21 21:00:29
17	15	916115.D	5	210823A BLK 5/1000 SG	Water	9-18-21 21:28:56
18	16	916116.D	5	210823A LCS-1 5/1000 SG	Water	9-18-21 21:57:24
19	17	916117.D	5	210823A LCSD-1 5/1000 SG	Water	9-18-21 22:25:51
20	21	916121.D	5	BA38281W07 5/1000 SG	Water	9-19-21 0:19:21
21	22	916122.D	4.80769	BA38283W08 5/1040 SG	Water	9-19-21 0:47:42
22	23	916123.D	4.80769	BA38285W08 5/1040 SG	Water	9-19-21 1:16:03
23	24	916124.D	5	BA38287W08 5/1000 SG	Water	9-19-21 1:44:22
24	31	916131.D	1	Diesel Motor Oil CCV 9/17/21	Water	9-19-21 5:02:05
25	32	916132.D	1	Decanoic Acid CCV 8/27/21	Water	9-19-21 5:30:15

ORGANICS

Calibration Data

TPH Extractables
DOC0823

Form 6
Initial Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Initial Cal. Date: 8/23/2021
Matrix: Water Instrument: Apollo Initials: KA

		Compound	1	2	3	4	5	6	7				Avg	%RSD	Type	r^2	Q
			823003.D	823004.D	823005.D	823006.D	823007.D	823008.D	823009.D								
1	HATML	Diesel (C10-C24)	5178390	3314799	2393411	2117814	2081239		2147290				2872157	43	HATM	1.000	
2	HBTM	Motor Oil (C24-C40)		2341319	1757653	1666238	1620332	1805322	1657277				1808023	15	HBTM		
3	SA	Ortho-Terphenyl(S)	3565944	2794027	2683036	2584173	2476235	2582536	2582862				2752688	14	SA		
4	SA	*Octacosane(S)*	2615496	2071028	2036167	1983348	1937095	2168069	2046820				2122575	11	SA		
5																	
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7																	
8																	
9																	
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34																	
35																	

2.336817

Quantitation Report (Not Reviewed)

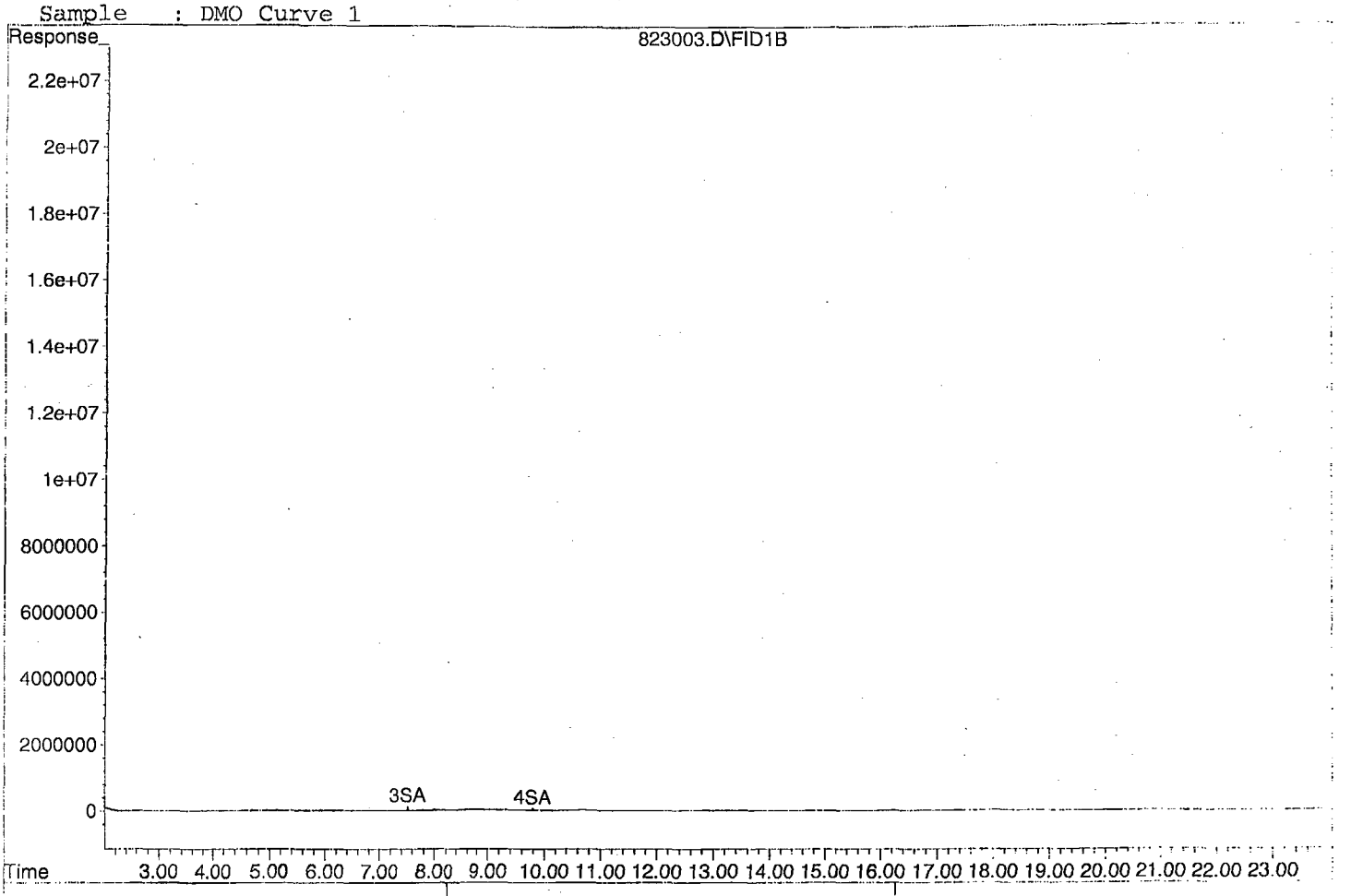
Data File : G:\APOLLO\DATA\210823\823003.D Vial: 3
Acq On : 8-23-21 18:21:55 Operator: KA
Sample : DMO Curve 1 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 24 9:03 2021 Quant Results File: DOC0823.RES

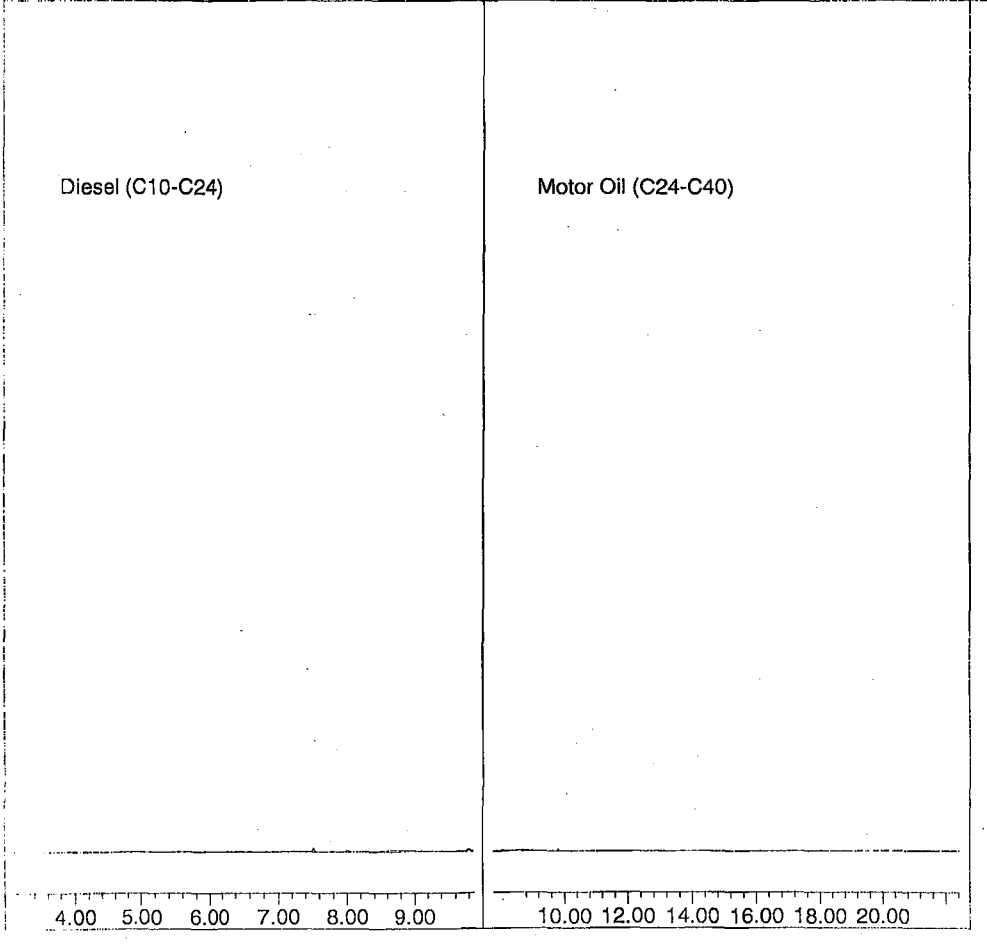
Method : G:\APOLLO\DATA\210823\DOC0823.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 24 09:02:26 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.52	1782972	0.324 ppb
Surrogate Spike 30.000	Recovery	=	1.08%
4) SA Octacosane(S)	9.80	1307748	0.308 ppb
Surrogate Spike 30.000	Recovery	=	1.03%
Target Compounds			
1) HATM Diesel (C10-C24)	6.48	51783897	5.622 ppb
2) HBTM Motor Oil (C24-C40)	15.05	49545102	13.701 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\210823\823003.D
Sample : DMO Curve 1





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210823\823004.D Vial: 4
Acq On : 8-23-21 18:50:30 Operator: KA
Sample : DMO Curve 2 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 24 9:03 2021 Quant Results File: DOC0823.RES

Method : G:\APOLLO\DATA\210823\DOC0823.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 24 09:02:26 2021
Response via : Multiple Level Calibration

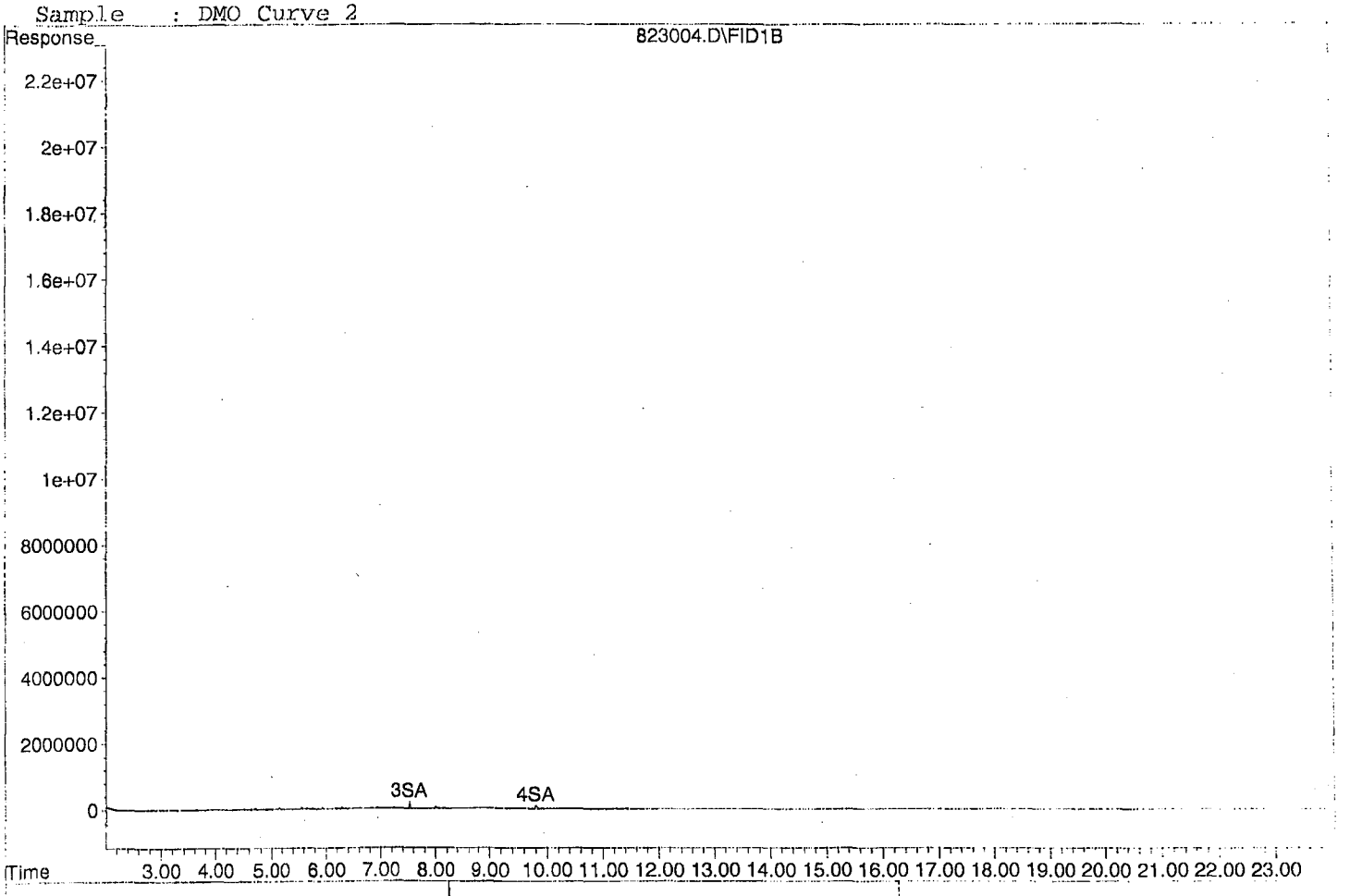
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

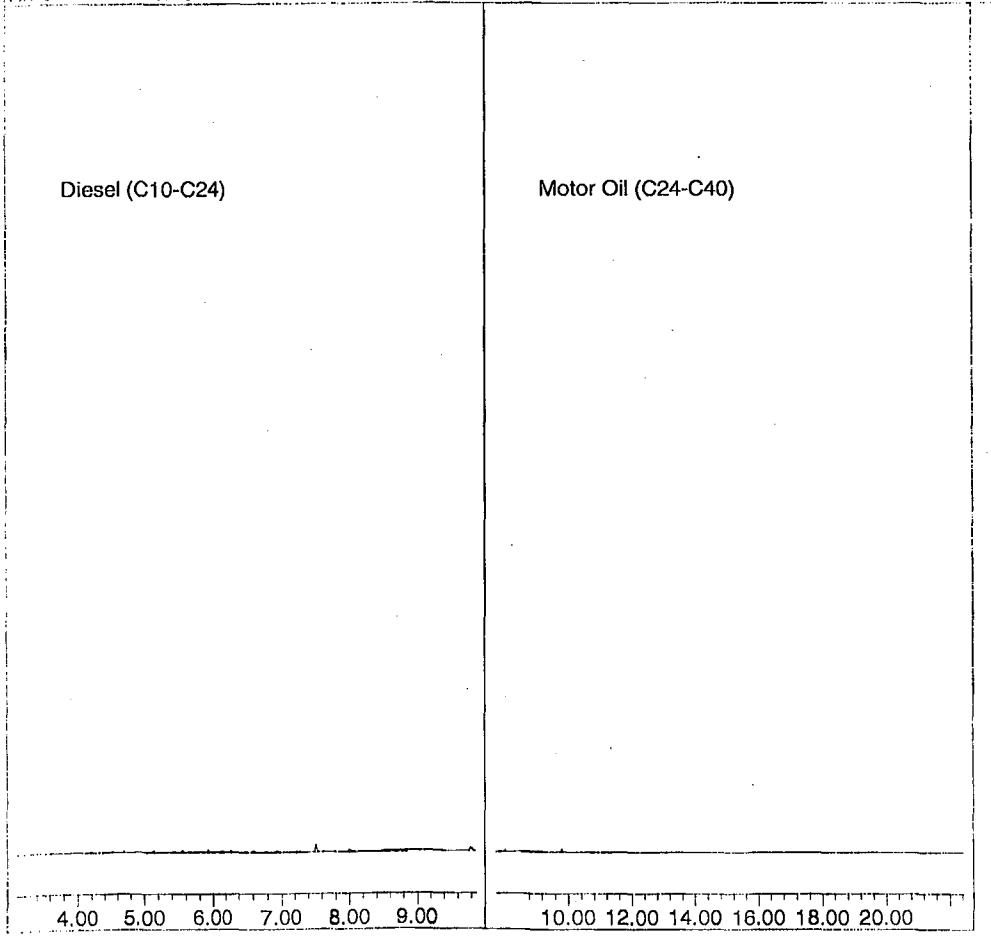
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.52	2794027	0.508 ppb
Surrogate Spike 30.000	Recovery =		1.69%
4) SA Octacosane(S)	9.80	2071028	0.488 ppb
Surrogate Spike 30.000	Recovery =		1.63%
Target Compounds			
1) HATM Diesel (C10-C24)	6.48	66295984	9.059 ppb
2) HBTM Motor Oil (C24-C40)	15.05	46826374	12.950 ppb

Target Compounds

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

Data File: G:\APOLLO\DATA\210823\823004.D
Sample : DMO Curve 2





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210823\823005.D Vial: 5
Acq On : 8-23-21 19:18:55 Operator: KA
Sample : DMO Curve 3 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 24 9:03 2021 Quant Results File: DOC0823.RES

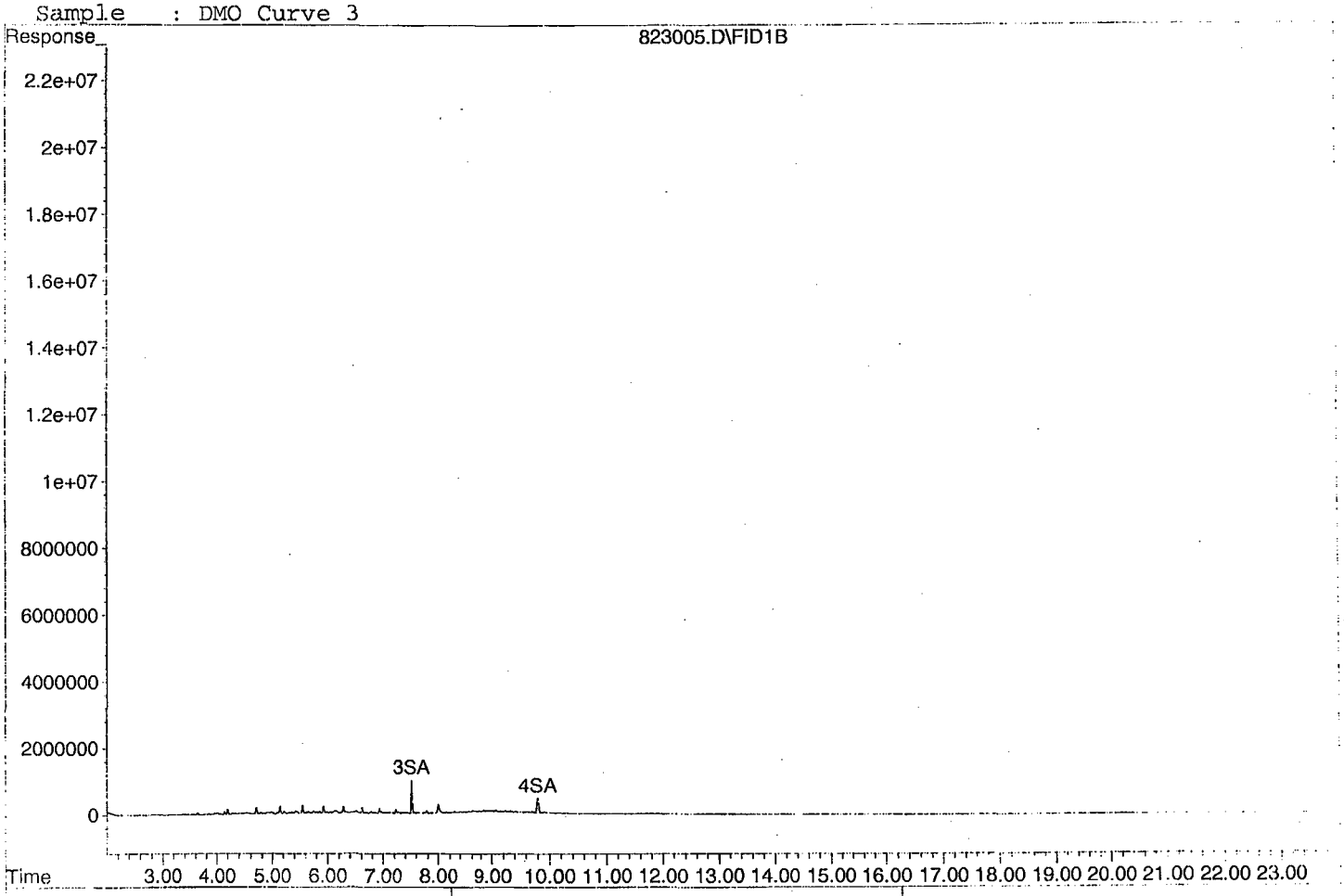
Method : G:\APOLLO\DATA\210823\DOC0823.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 24 09:02:26 2021
Response via : Multiple Level Calibration

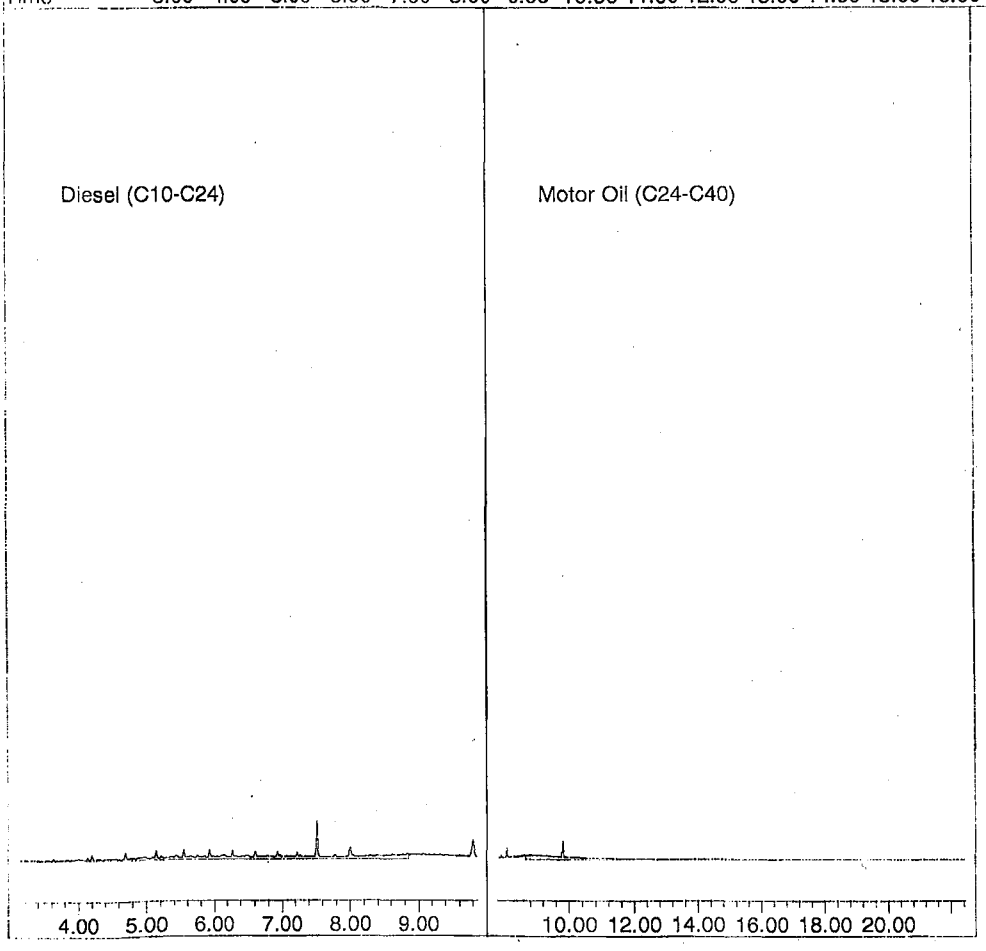
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.52	13415180	2.437 ppb
Surrogate Spike 30.000	Recovery =		8.12%
4) SA Octacosane(S)	9.80	10180835	2.398 ppb
Surrogate Spike 30.000	Recovery =		7.99%
Target Compounds			
1) HATM Diesel (C10-C24)	6.48	239341099	50.034 ppb
2) HBTM Motor Oil (C24-C40)	15.05	175765333	48.607 ppb
Target Compounds			

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

Data File: G:\APOLLO\DATA\210823\823005.D
Sample : DMO Curve 3





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210823\823006.D Vial: 6
Acq On : 8-23-21 19:47:24 Operator: KA
Sample : DMO Curve 4 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 24 9:03 2021 Quant Results File: DOC0823.RES

Method : G:\APOLLO\DATA\210823\DOC0823.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 24 09:02:26 2021
Response via : Multiple Level Calibration

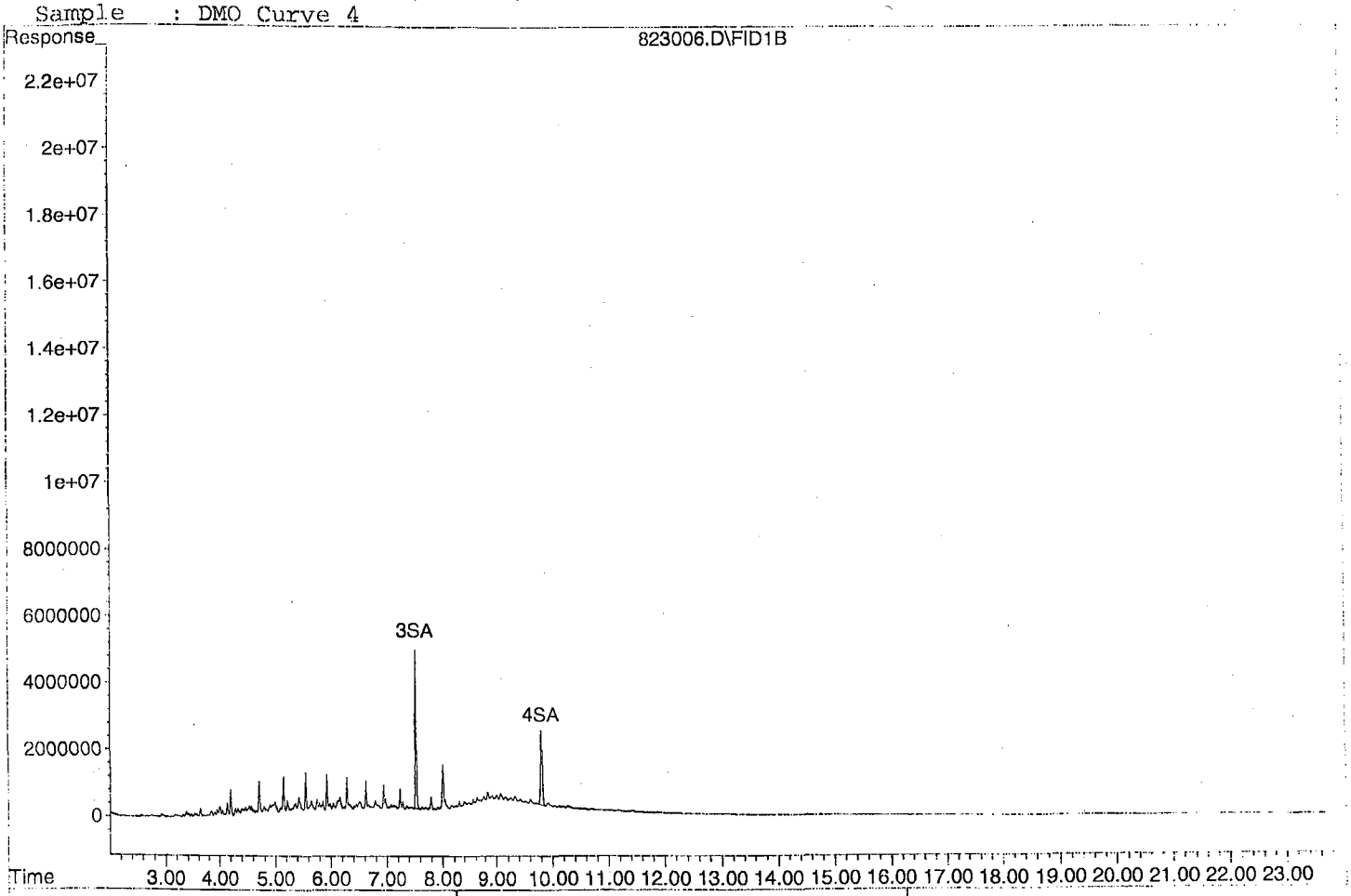
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

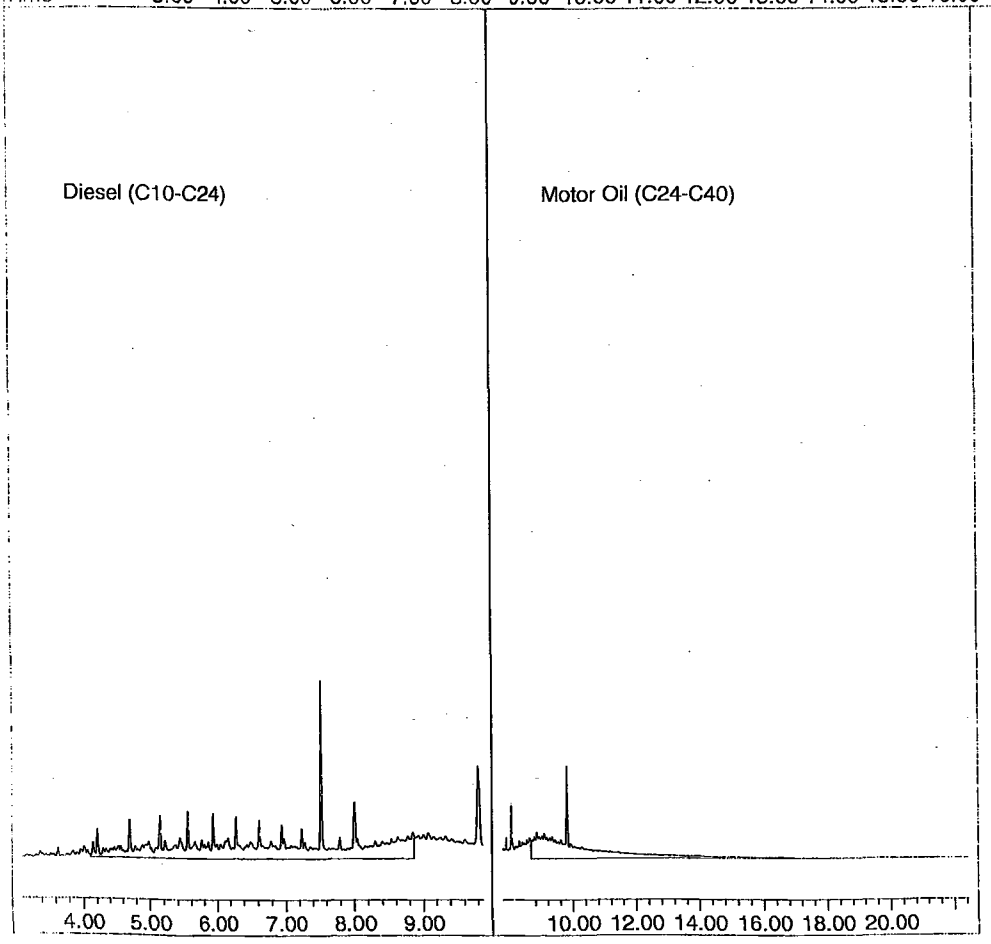
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.52	64604332	11.735 ppb
Surrogate Spike 30.000	Recovery =		39.12%
4) SA Octacosane(S)	9.80	49583699	11.680 ppb
Surrogate Spike 30.000	Recovery =		38.93%
Target Compounds			
1) HATM Diesel (C10-C24)	6.48	1058907009	244.099 ppb
2) HBTM Motor Oil (C24-C40)	15.05	833119001	230.395 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data File: G:\APOLLO\DATA\210823\823006.D
Sample : DMO Curve 4





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210823\823007.D Vial: 7
Acq On : 8-23-21 20:15:46 Operator: KA
Sample : DMO Curve 5 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 24 9:03 2021 Quant Results File: DOC0823.RES

Method : G:\APOLLO\DATA\210823\DOC0823.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 24 09:02:26 2021
Response via : Multiple Level Calibration

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

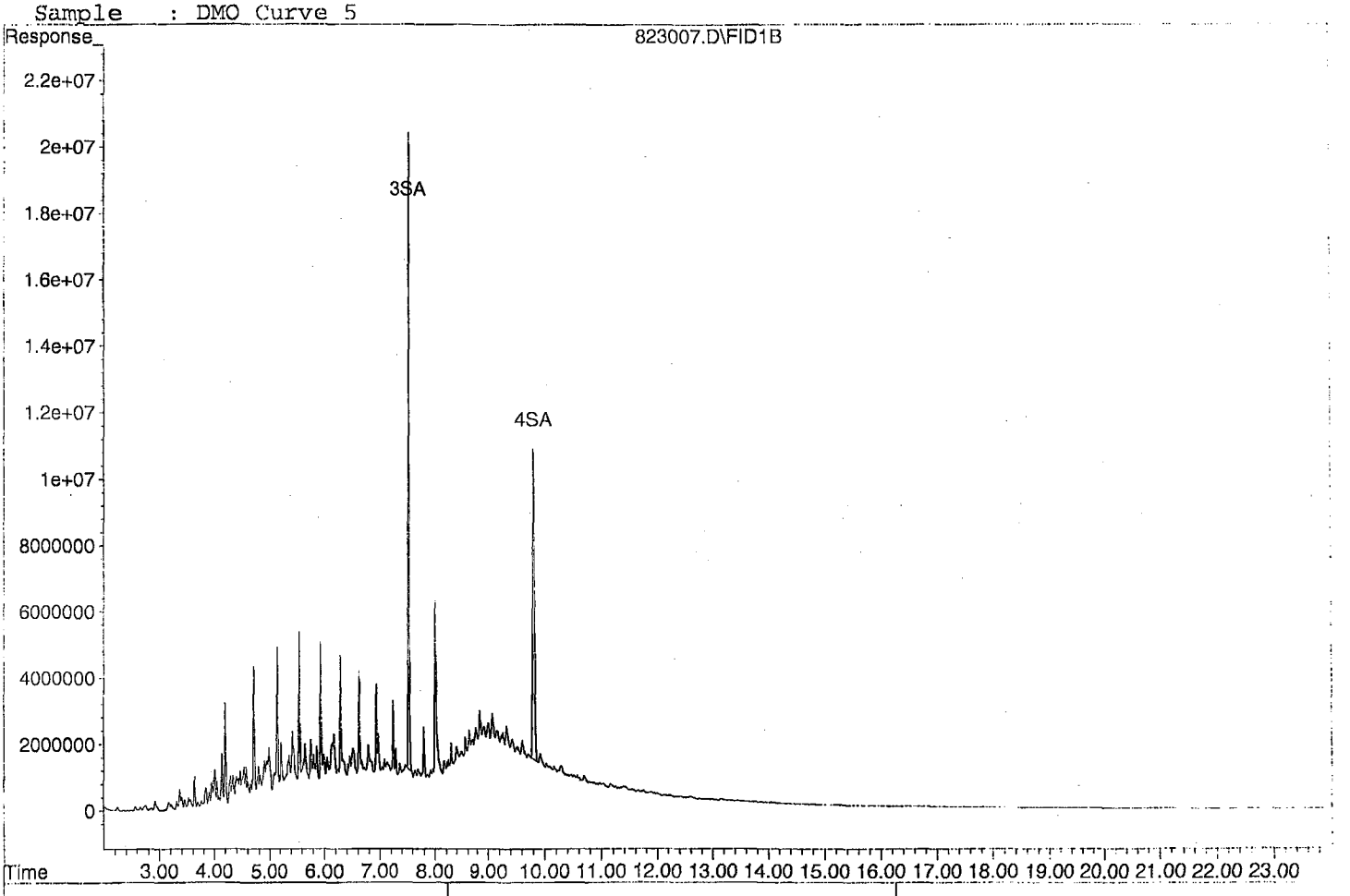
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
3) SA Ortho-Terphenyl(S)	7.52	247623480	44.978	ppb
Surrogate Spike 30.000	Recovery =		149.93%	
4) SA Octacosane(S)	9.81	193709477	45.631	ppb
Surrogate Spike 30.000	Recovery =		152.10%	
Target Compounds				
1) HATM Diesel (C10-C24)	6.48	4162477075	978.995	ppb
2) HBTM Motor Oil (C24-C40)	15.05	3240663961	896.190	ppb

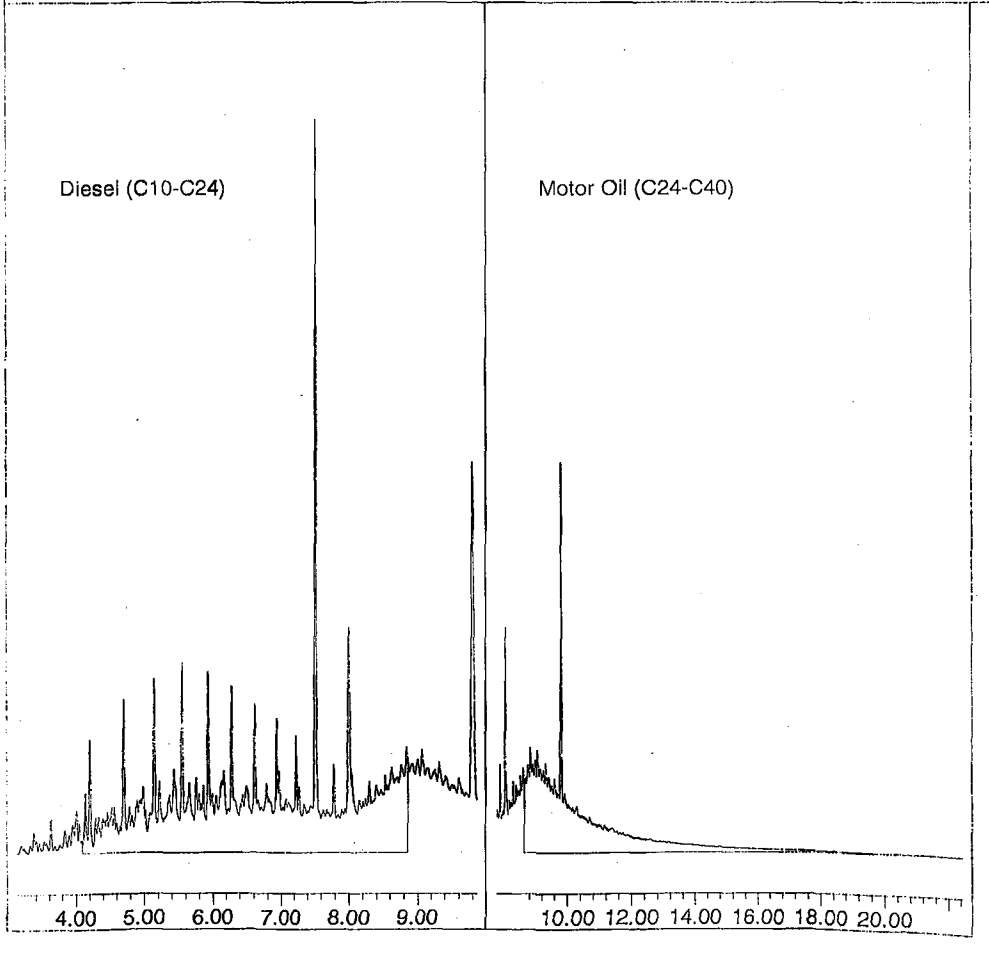
Target Compounds

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

Quantitation Report

Data File: G:\APOLLO\DATA\210823\823007.D
Sample : DMO Curve 5





823007.D DOC0823.M Tue Aug 24 09:15:56 2021

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210823\823008.D Vial: 8
Acq On : 8-23-21 20:44:20 Operator: KA
Sample : DMO Curve 6 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 24 9:03 2021 Quant Results File: DOC0823.RES

Method : G:\APOLLO\DATA\210823\DOC0823.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 24 09:02:26 2021
Response via : Multiple Level Calibration

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

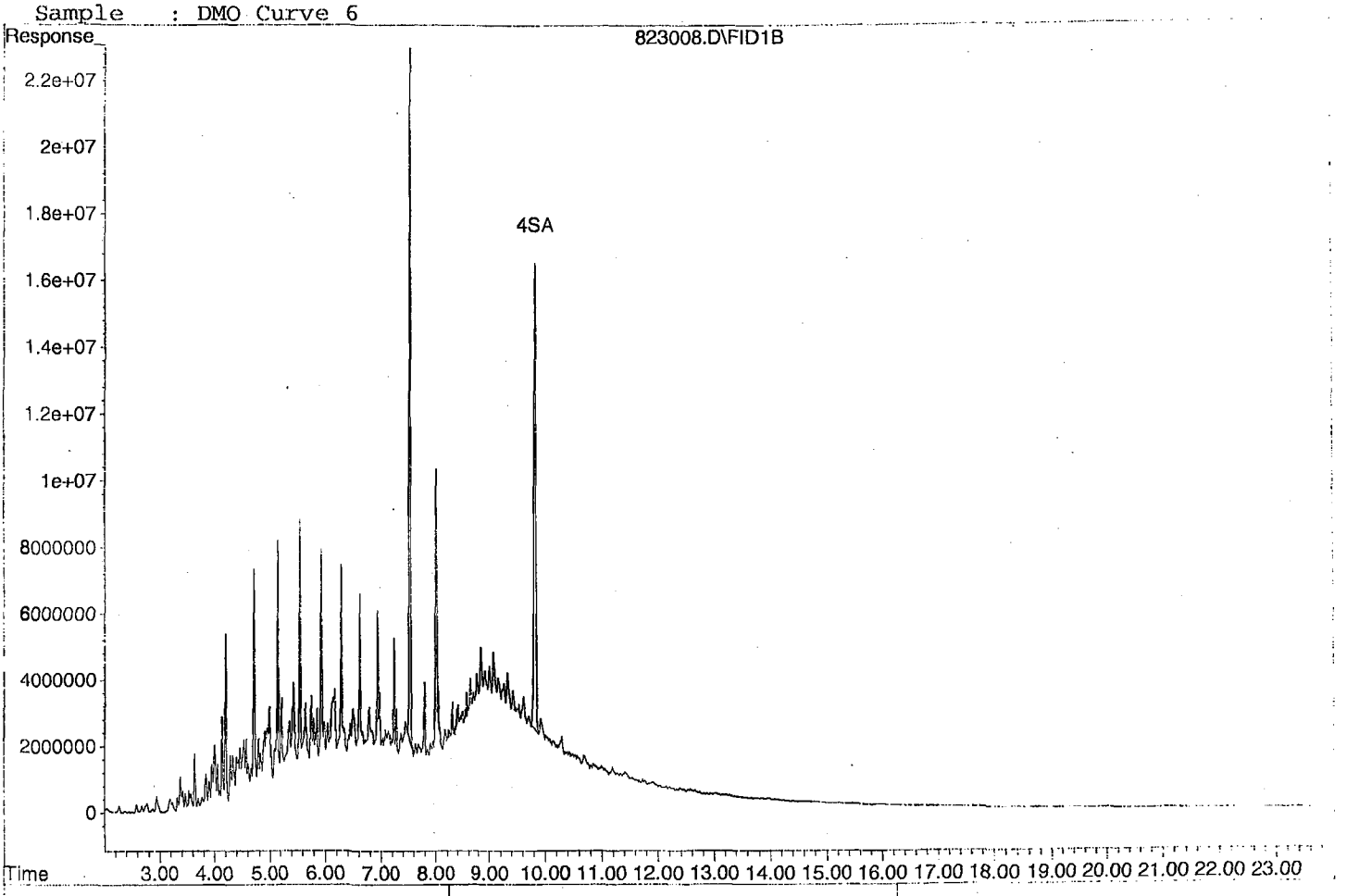
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
3) SA Ortho-Terphenyl(S)	7.52	387380335	70.364	ppb
Surrogate Spike 30.000	Recovery =		234.55%	
4) SA Octacosane(S)	9.82	325210308	76.608	ppb
Surrogate Spike 30.000	Recovery =		255.36%	
Target Compounds				
1) HATM Diesel (C10-C24)	6.48	7048711833	1662.427	ppb
2) HBTM Motor Oil (C24-C40)	15.05	5415964502	1497.758	ppb

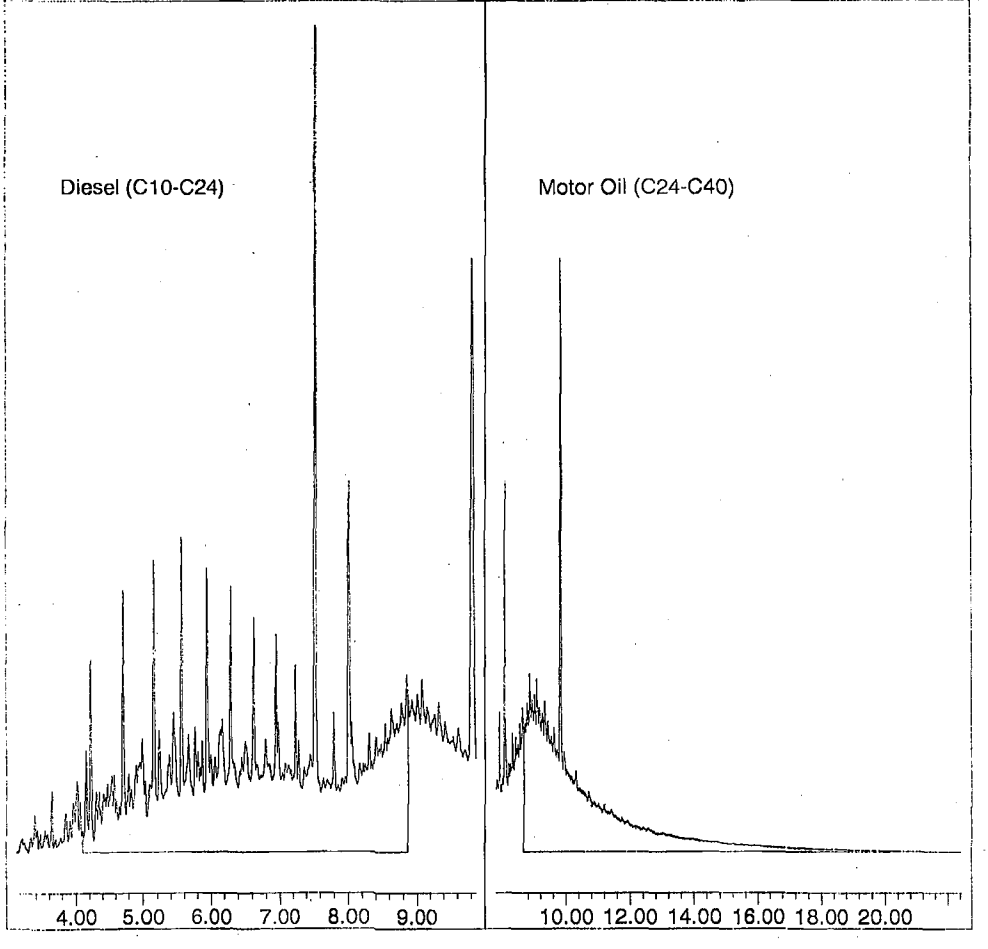
Target Compounds

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

Quantitation Report

Data File: G:\APOLLO\DATA\210823\823008.D
Sample : DMO Curve 6





Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210823\823009.D Vial: 9
Acq On : 8-23-21 21:12:52 Operator: KA
Sample : DMO Curve 7 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 24 9:03 2021 Quant Results File: DOC0823.RES

Method : G:\APOLLO\DATA\210823\DOC0823.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 24 09:02:26 2021
Response via : Multiple Level Calibration

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

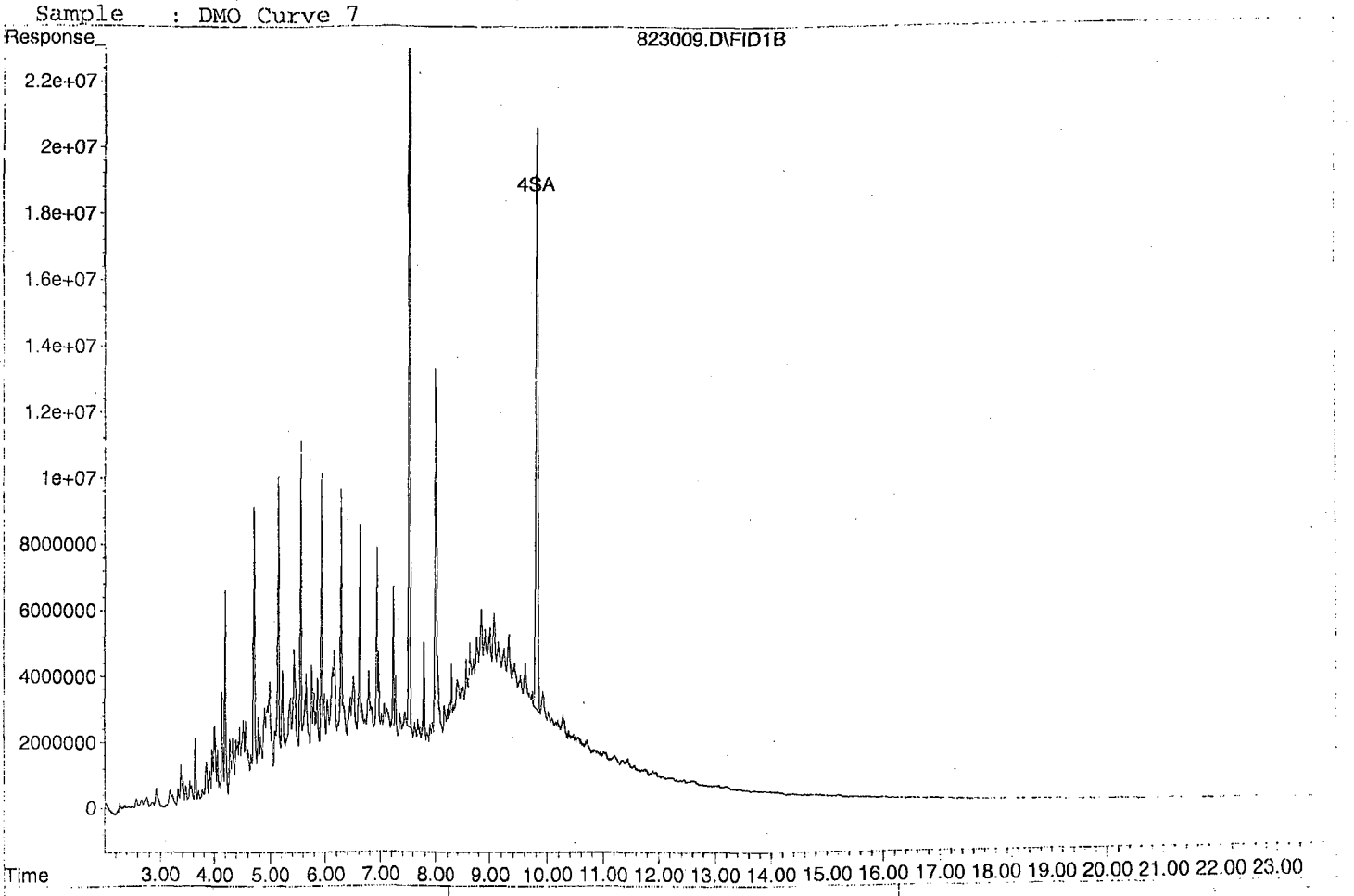
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
3) SA Ortho-Terphenyl(S)	7.53	516572475	93.831	ppb
Surrogate Spike 30.000		Recovery =	312.77%	
4) SA Octacosane(S)	9.82	409363905	96.431	ppb
Surrogate Spike 30.000		Recovery =	321.44%	
Target Compounds				
1) HATM Diesel (C10-C24)	6.48	8589160086	2027.191	ppb
2) HBTM Motor Oil (C24-C40)	15.05	6629109744	1833.248	ppb

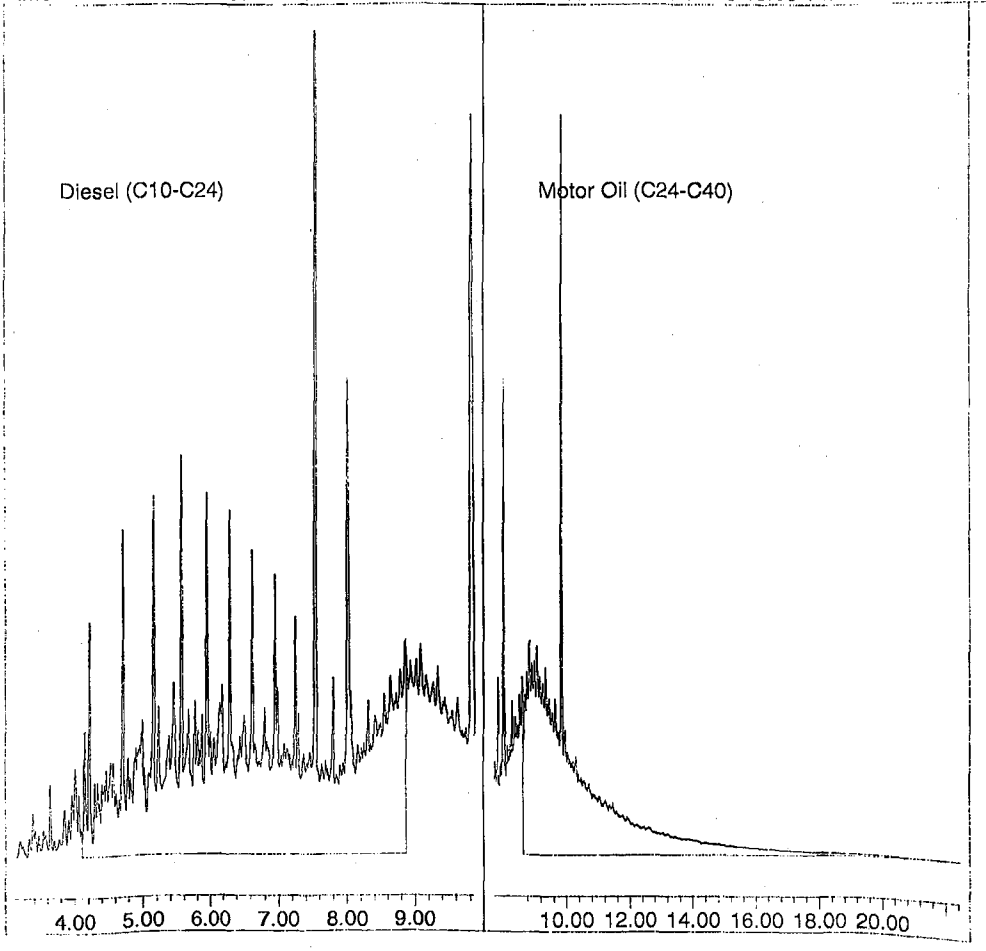
Target Compounds

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

Quantitation Report

Data File: G:\APOLLO\DATA\210823\823009.D
Sample : DMO Curve 7





823009.D DOC0823.M Tue Aug 24 09:15:49 2021

TPH Extractables
DOC0823

Form 7

Second Source Calibration

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

SDG No:
Date Analyzed: 8/23/2021
Instrument: Apollo
Initial Cal. Date: 8/23/2021
Data File: 823010.D

		Compound	MEAN	CCRF	%D		%Drift
1	HATM	Diesel (C10-C24)	2872160	2402860	16	HATML	11
2	HBTM	Motor Oil (C24-C40)	1808020	1847660	2.2	HBTM	
3							
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		Average			9.1		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210823\823010.D Vial: 10
Acq On : 8-23-21 21:41:26 Operator: KA
Sample : DMO Second Source Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 24 9:03 2021 Quant Results File: DOC0823.RES

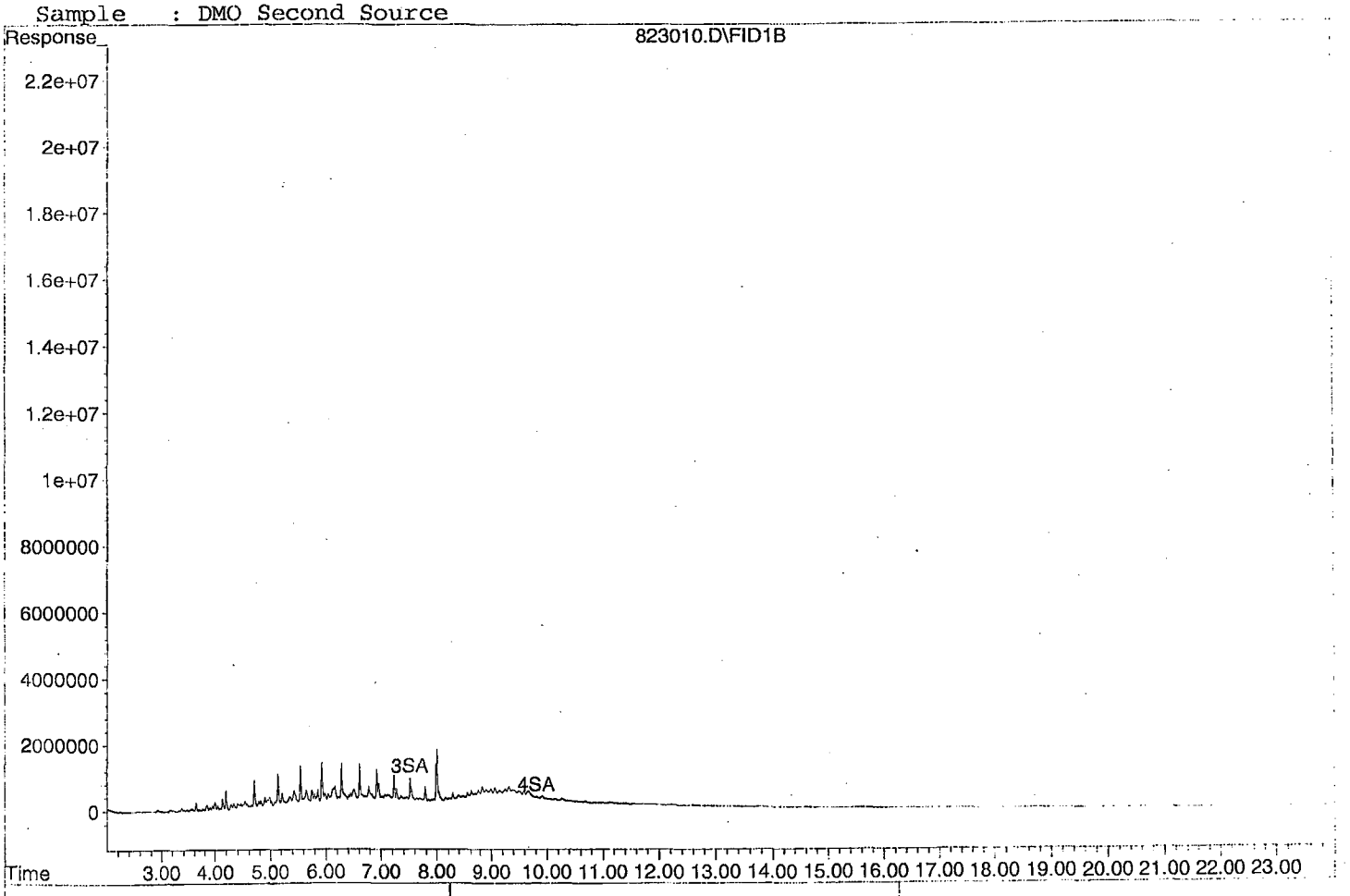
Method : G:\APOLLO\DATA\210823\DOC0823.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Tue Aug 24 09:02:26 2021
Response via : Multiple Level Calibration

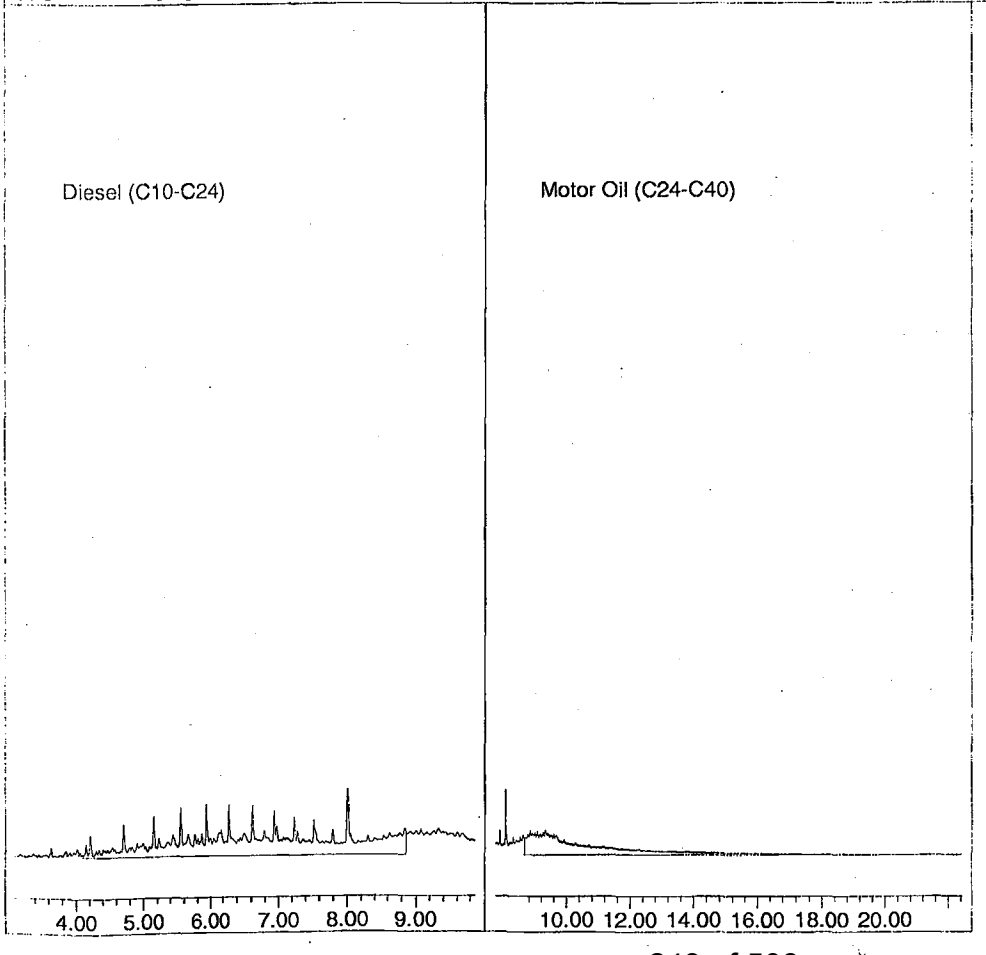
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

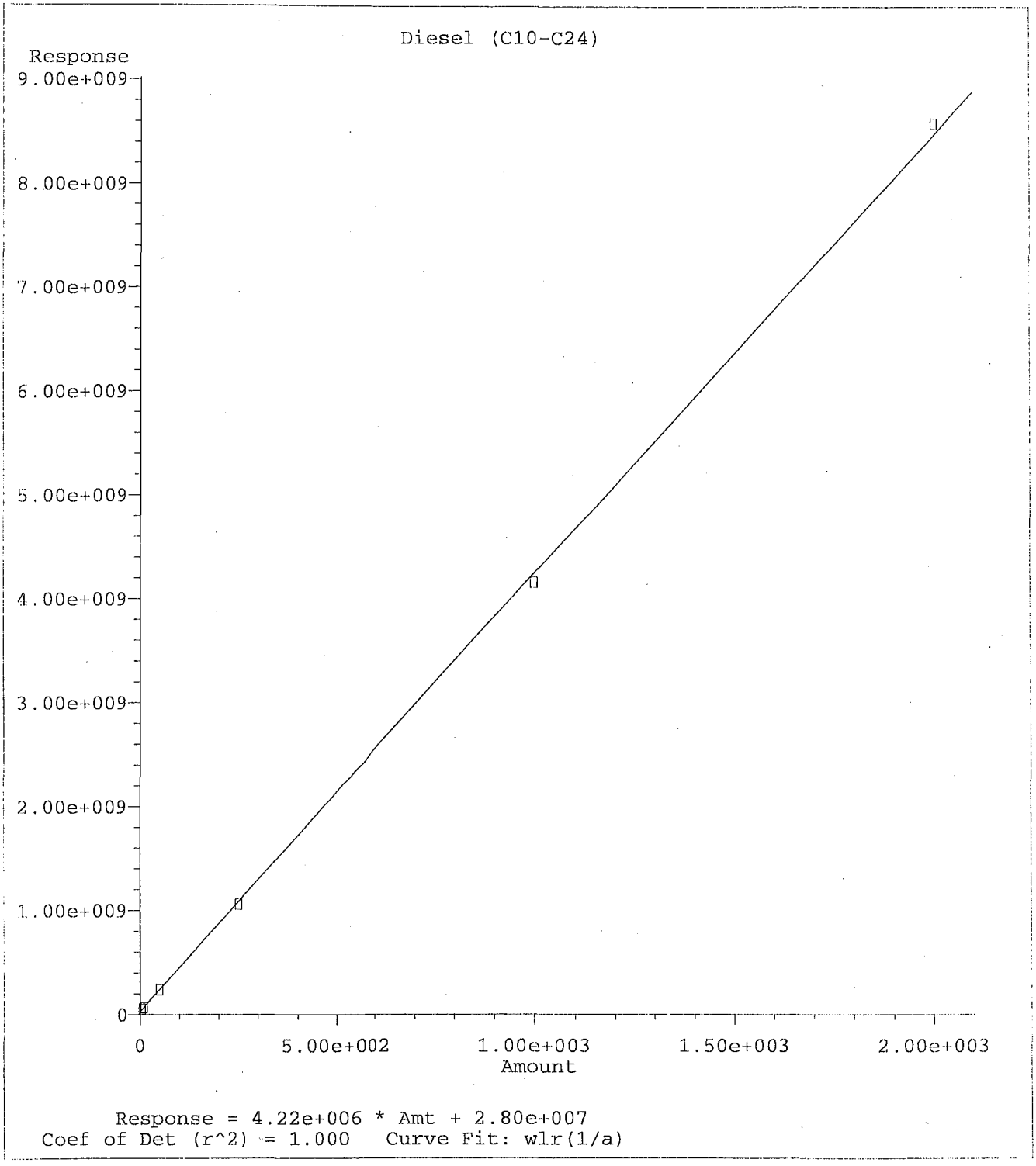
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.52	4634646	0.842 ppb
Surrogate Spike 30.000	Recovery	=	2.81%
4) SA Octacosane(S)	9.82	28821	0.007 ppb
Surrogate Spike 30.000	Recovery	=	0.02%
Target Compounds			
1) HATM Diesel (C10-C24)	6.48	1201427982	277.847 ppb
2) HBTM Motor Oil (C24-C40)	15.05	923832014	255.481 ppb
Target Compounds			

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

Data File: G:\APOLLO\DATA\210823\823010.D
Sample : DMO Second Source







Method Name: G:\APOLLO\DATA\210823\DOC0823.M
Calibration Table Last Updated: Tue Aug 24 09:02:26 2021

TPH Extractables
DOC0823

Form 7
Continuing Calibration

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

SDG No:
Date Analyzed: 8/28/2021
Instrument: Apollo
Initial Cal. Date: 8/23/2021
Data File: 824195.D

		Compound	MEAN	CCRF	%D		%Drift
1	HATM	Diesel (C10-C24)	2872160	2210820	23	HATML	2.0
2	HBTM	Motor Oil (C24-C40)	1808560	1683540	6.9	HBTM	
3	SA	Ortho-Terphenyl(S)	2781050	2844280	2.3	SA	
4	SA	Octacosane(S)	2114990	2125020	0.47	SA	
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		Average			8.2		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210824\824195.D Vial: 95
Acq On : 8-28-21 11:44:42 Operator: KA
Sample : Diesel Motor Oil CCV 8/24/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 28 13:28 2021 Quant Results File: DOC0823.RES

Method : G:\APOLLO\DATA\210823\DOC0823.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 11:41:10 2021
Response via : Multiple Level Calibration

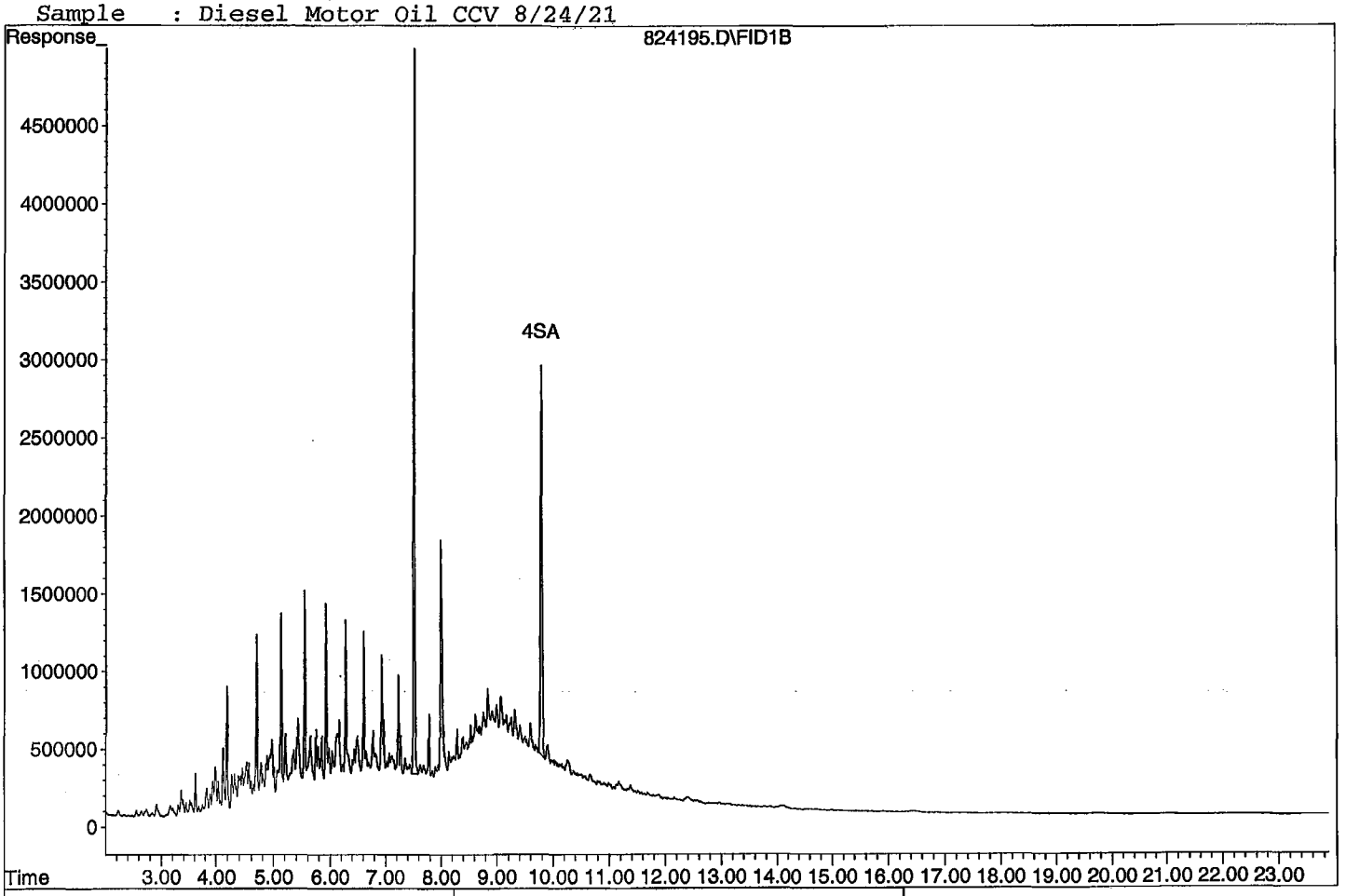
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

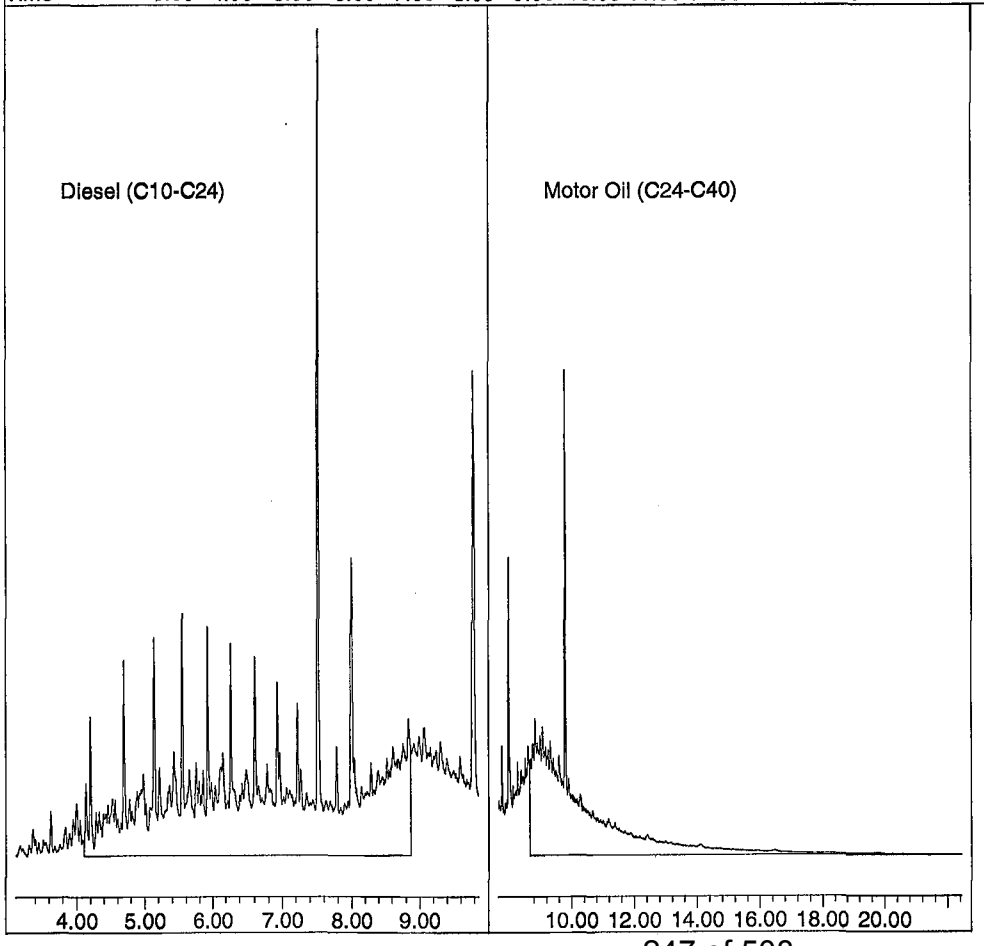
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	71106941	12.784 ppb
Surrogate Spike 30.000		Recovery =	42.61%
4) SA Octacosane(S)	9.78	53125449	12.559 ppb
Surrogate Spike 30.000		Recovery =	41.86%
Target Compounds			
1) HATM Diesel (C10-C24)	6.48	1105410176	255.111 ppb
2) HBTM Motor Oil (C24-C40)	15.05	841770876	232.718 ppb

Target Compounds

(f)=RT Delta > 1/2 Window (m)=manual int.
824195.D DOC0823.M Fri Sep 24 12:46:40 2021 Page 1

Data File: G:\APOLLO\DATA\210824\824195.D
Sample : Diesel Motor Oil CCV 8/24/21





TPH Extractables
DOC0823

Form 7
Continuing Calibration

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

SDG No:
Date Analyzed: 8/28/2021
Instrument: Apollo
Initial Cal. Date: 8/23/2021
Data File: 824212.D

		Compound	MEAN	CCRF	%D		%Drift
1	HATM	Diesel (C10-C24)	2872160	2222510	23	HATML	2.6
2	HBTM	Motor Oil (C24-C40)	1808560	1690190	6.5	HBTM	
3	SA	Ortho-Terphenyl(S)	2781050	2791620	0.38	SA	
4	SA	Octacosane(S)	2114990	2148150	1.6	SA	
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		Average			7.9		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210824\824212.D Vial: 12
Acq On : 8-28-21 21:23:06 Operator: KA
Sample : Diesel Motor Oil CCV 8/24/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 30 7:53 2021 Quant Results File: DOC0823.RES

Method : G:\APOLLO\DATA\210823\DOC0823.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 11:41:10 2021
Response via : Multiple Level Calibration

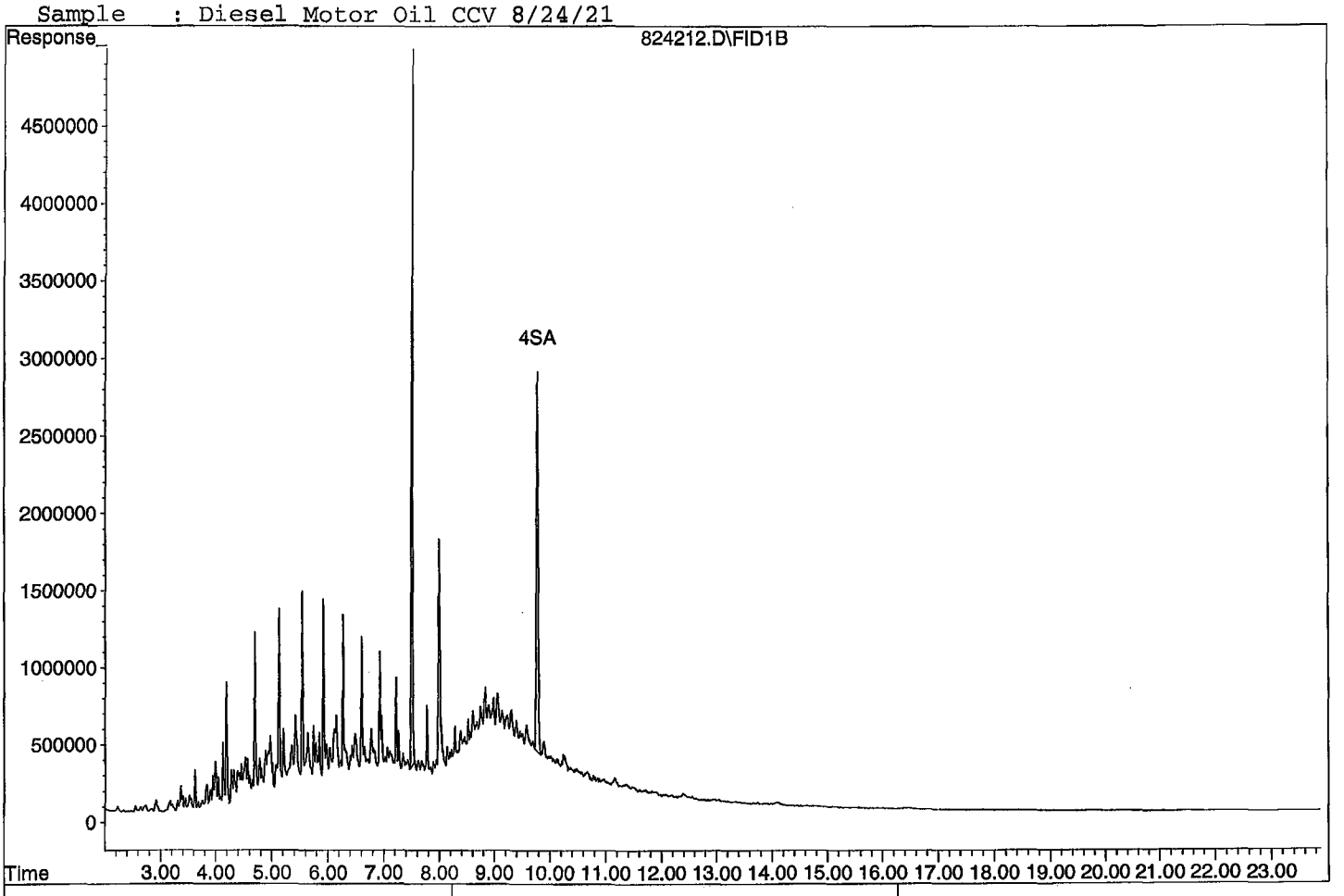
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

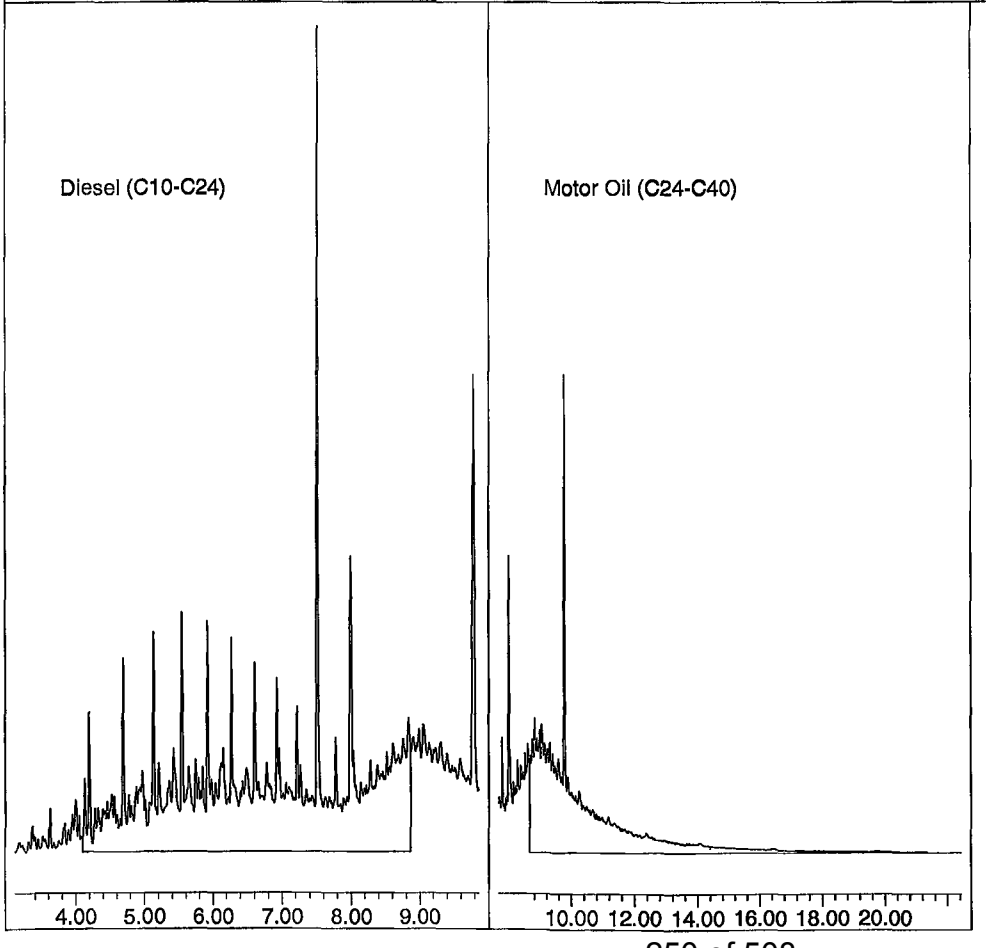
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	69790623	12.548 ppb
Surrogate Spike 30.000	Recovery =		41.83%
4) SA Octacosane(S)	9.78	53703651	12.696 ppb
Surrogate Spike 30.000	Recovery =		42.32%
Target Compounds			
1) HATM Diesel (C10-C24)	6.48	1111254619	256.495 ppb
2) HBTM Motor Oil (C24-C40)	15.05	845094360	233.637 ppb

Target Compounds

(f)=RT Delta > 1/2 Window (m)=manual int.
824212.D DOC0823.M Fri Sep 24 12:46:52 2021 Page 1

Data File: G:\APOLLO\DATA\210824\824212.D
Sample : Diesel Motor Oil CCV 8/24/21





TPH Extractables
DOC0823

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 8/28/2021
Instrument: Apollo
Initial Cal. Date: 8/23/2021
Data File: 824216.D

		Compound	MEAN	CCRF	%D	%Drift	
1	HATM	Diesel (C10-C24)	2872160	2462740	14	HATML	14
2	HBTM	Motor Oil (C24-C40)	1808560	1915900	5.9	HBTM	
3	SA	Ortho-Terphenyl(S)	2781050	3164510	14	SA	
4	SA	Octacosane(S)	2114990	2406930	14	SA	
5							
6							
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37							
38							
39							
40							
		Average			12.0		

Quantitation Report (Not Reviewed)

Data File : G:\APOLLO\DATA\210824\824216.D Vial: 16
Acq On : 8-28-21 23:17:52 Operator: KA
Sample : Diesel Motor Oil CCV 8/24/21 Inst : Apollo
Misc : water Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 30 7:55 2021 Quant Results File: DOC0823.RES

Method : G:\APOLLO\DATA\210823\DOC0823.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 11:41:10 2021
Response via : Multiple Level Calibration

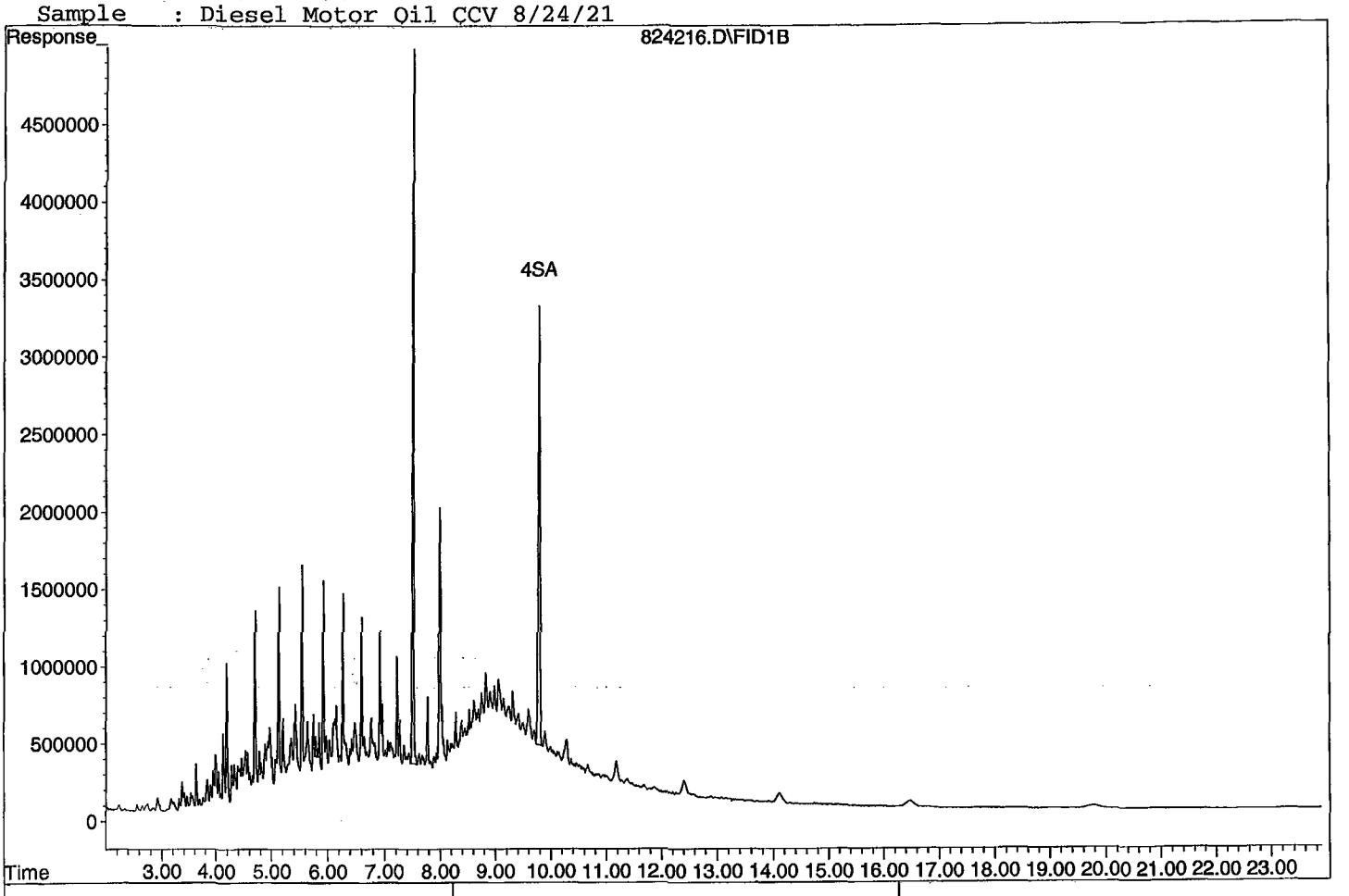
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

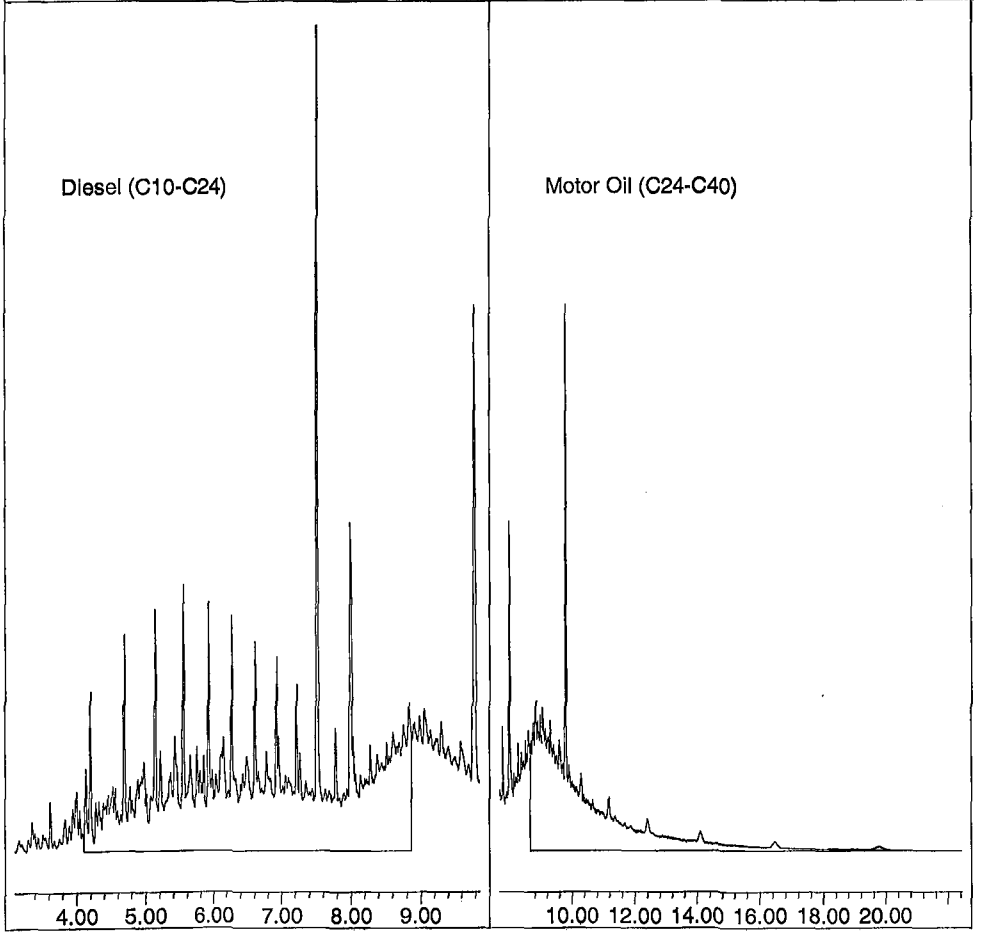
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	79112675	14.224 ppb
Surrogate Spike 30.000	Recovery =		47.41%
4) SA Octacosane(S)	9.78	60173309	14.225 ppb
Surrogate Spike 30.000	Recovery =		47.42%
Target Compounds			
1) HATM Diesel (C10-C24)	6.48	1231368091	284.936 ppb
2) HBTM Motor Oil (C24-C40)	15.05	957948905	264.837 ppb

Target Compounds

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

Data File: G:\APOLLO\DATA\210824\824216.D
Sample : Diesel Motor Oil CCV 8/24/21





ORGANICS

Raw Data

Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\210824\824211.D Vial: 11
Acq On : 8-28-21 20:54:26 Operator: KA
Sample : BA38288W01 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 8 13:49 2021 Quant Results File: DOC0823.RES

Method : G:\APOLLO\DATA\210823\DOC0823.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 11:41:10 2021
Response via : Multiple Level Calibration

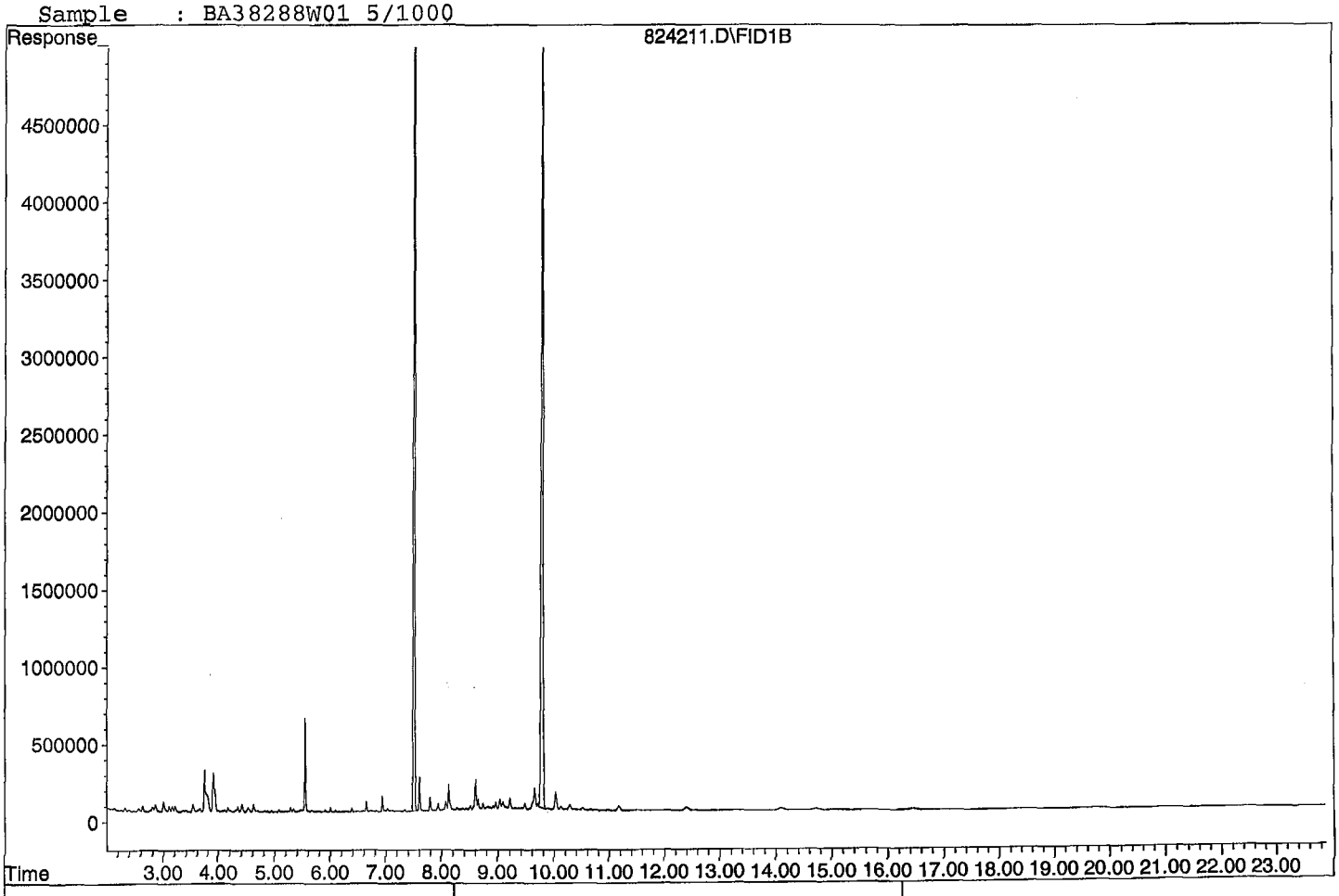
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

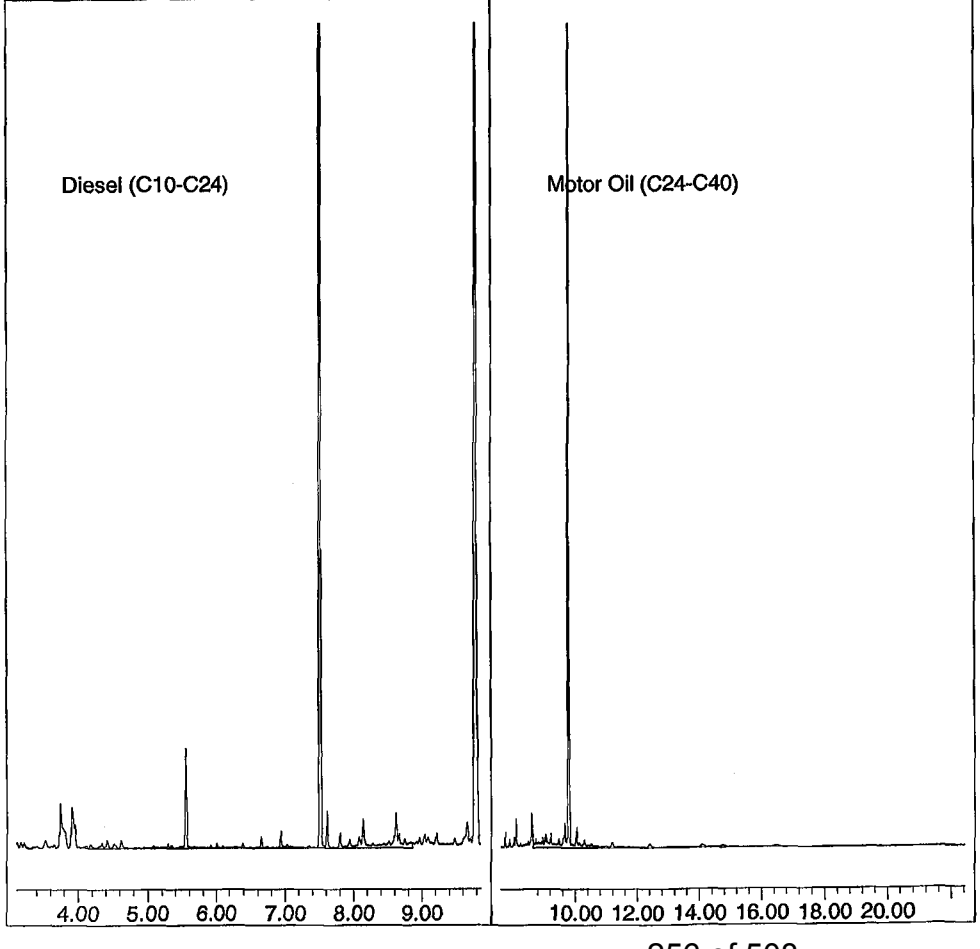
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	10112662	126.941 ppb
Surrogate Spike 150.000		Recovery =	84.63%
4) SA Octacosane(S)	9.78	5820416	156.214 ppb
Surrogate Spike 150.000		Recovery =	104.14%
Target Compounds			
1) HATM Diesel (C10-C24)	6.48	167149419	152.523 ppb
2) HBTM Motor Oil (C24-C40)	15.05	175068863	210.926 ppb

Target Compounds

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

Data File: G:\APOLLO\DATA\210824\824211.D
Sample : BA38288W01 5/1000





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\210824\824213.D Vial: 13
Acq On : 8-28-21 21:51:51 Operator: KA
Sample : BA38289W01 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 8 13:49 2021 Quant Results File: DOC0823.RES

Method : G:\APOLLO\DATA\210823\DOC0823.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 11:41:10 2021
Response via : Multiple Level Calibration

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

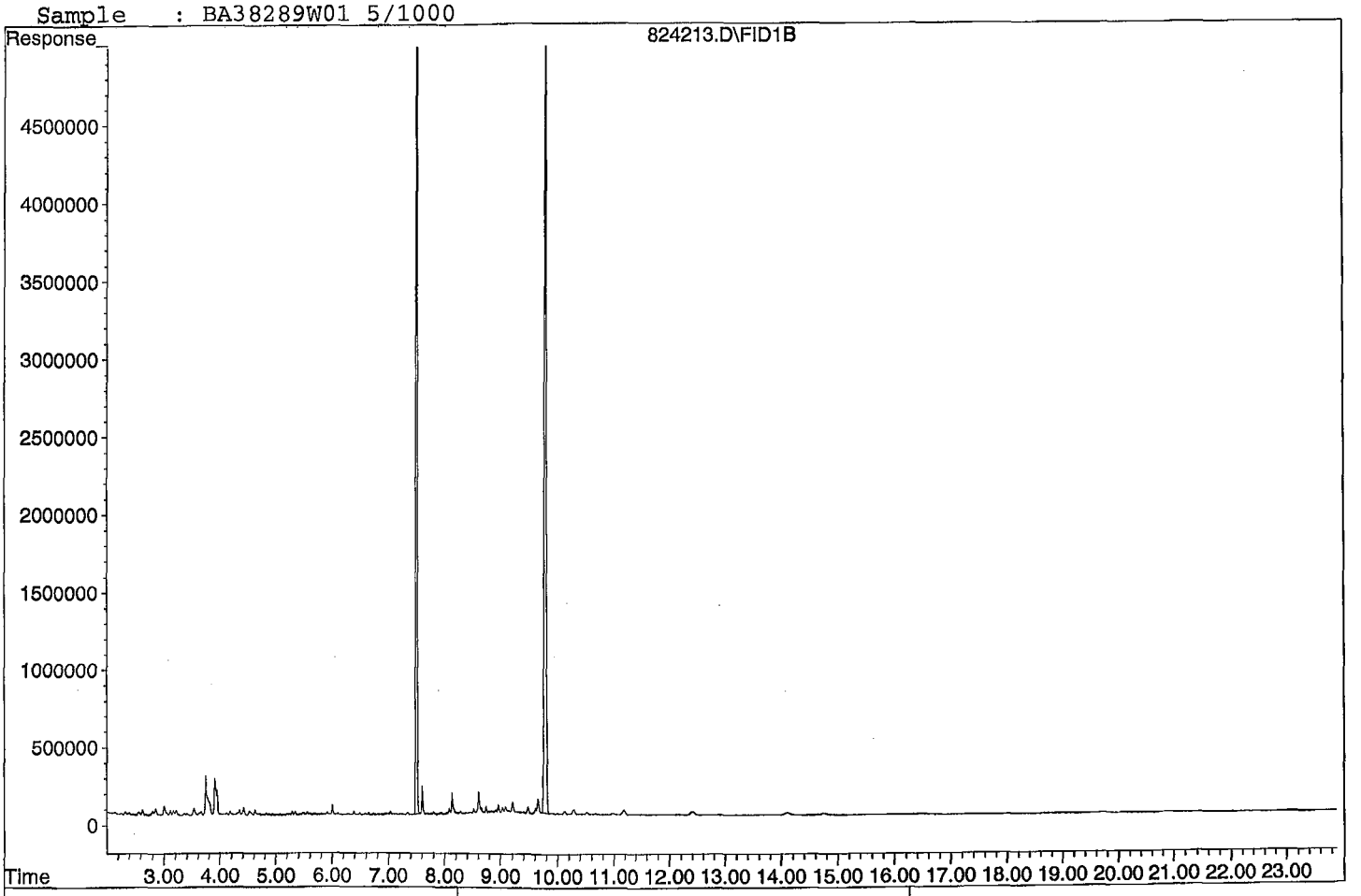
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	10866686	136.406 ppb
Surrogate Spike 150.000		Recovery =	90.94%
4) SA Octacosane(S)	9.78	5652071	151.696 ppb
Surrogate Spike 150.000		Recovery =	101.13%
Target Compounds			
1) HATM Diesel (C10-C24)	6.48	154529642	138.817 ppb
2) HBTM Motor Oil (C24-C40)	15.05	173840505	209.203 ppb

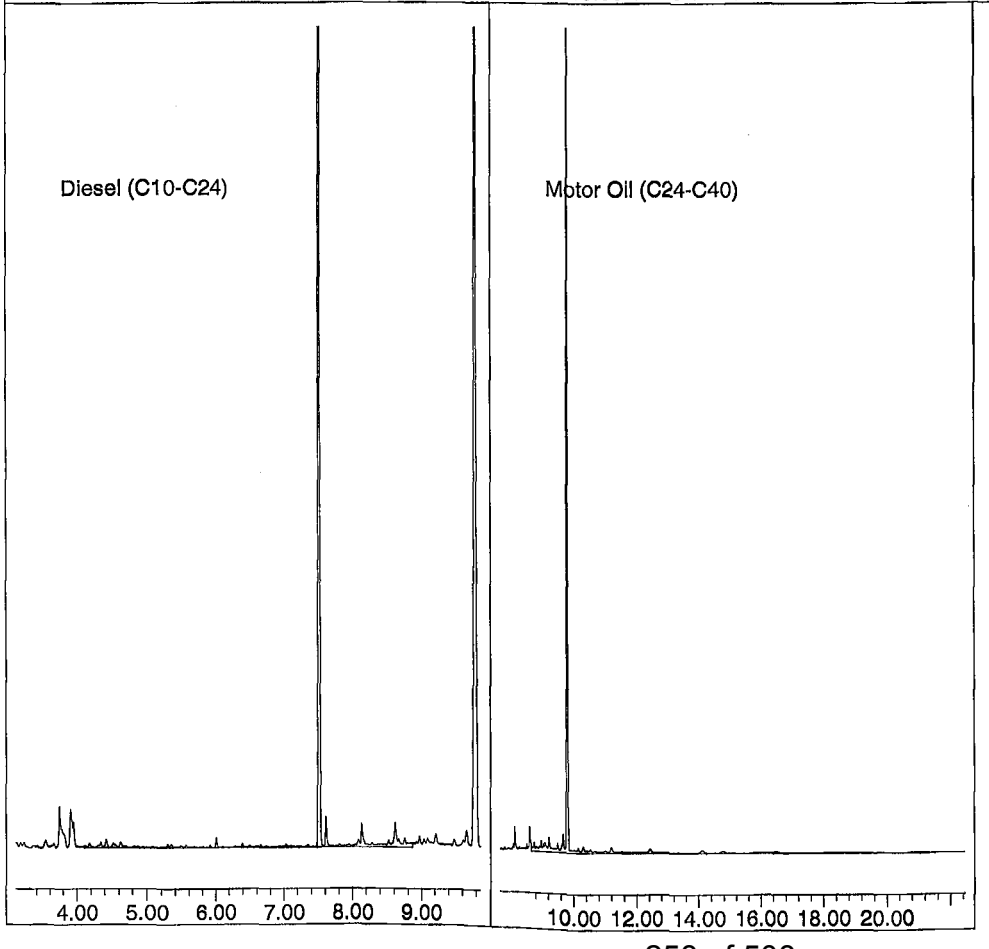
Target Compounds

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

Quantitation Report

Data File: G:\APOLLO\DATA\210824\824213.D
Sample : BA38289W01 5/1000





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\210824\824214.D Vial: 14
Acq On : 8-28-21 22:20:33 Operator: KA
Sample : BA38290W01 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 8 13:49 2021 Quant Results File: DOC0823.RES

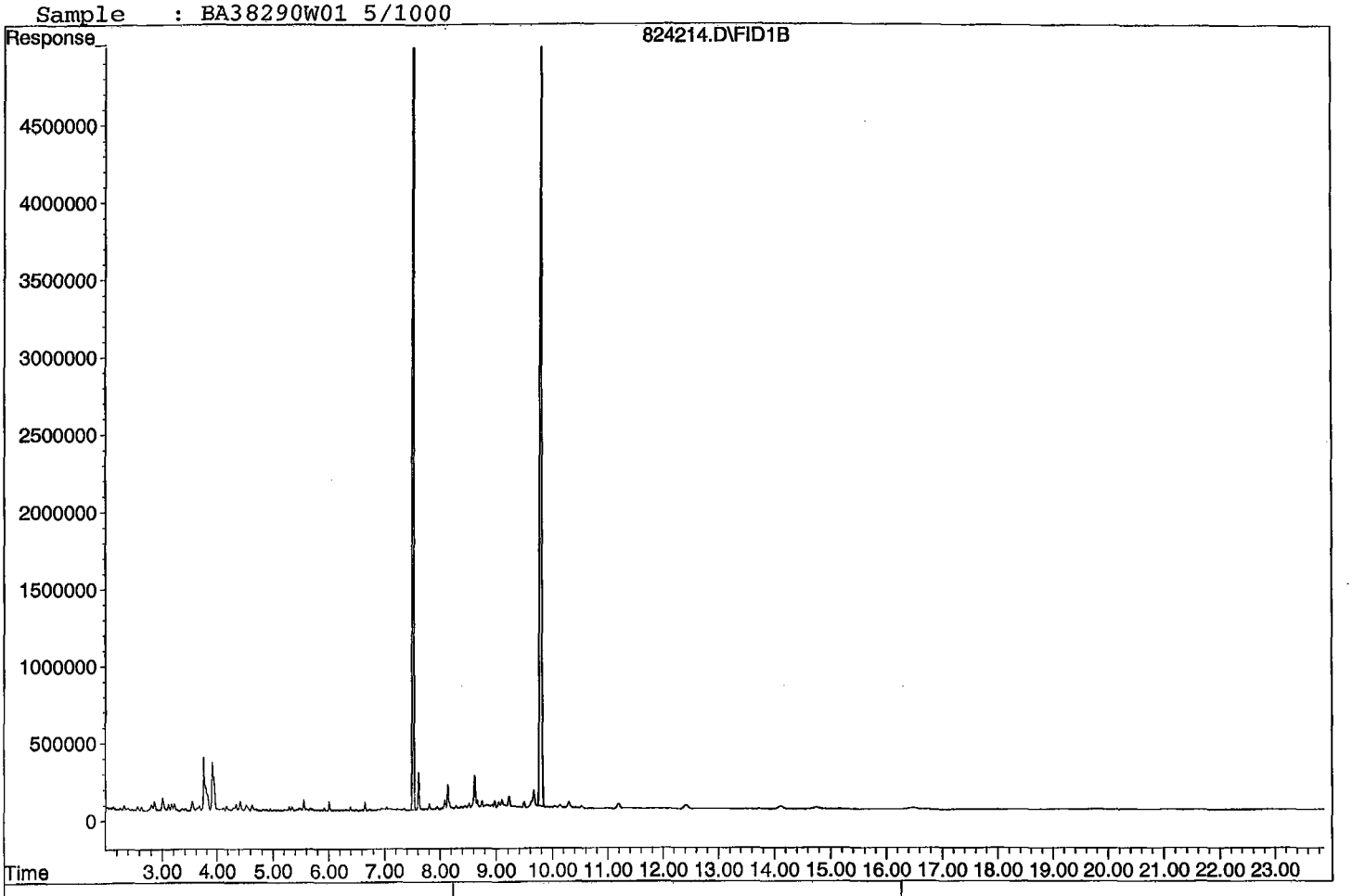
Method : G:\APOLLO\DATA\210823\DOC0823.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 11:41:10 2021
Response via : Multiple Level Calibration

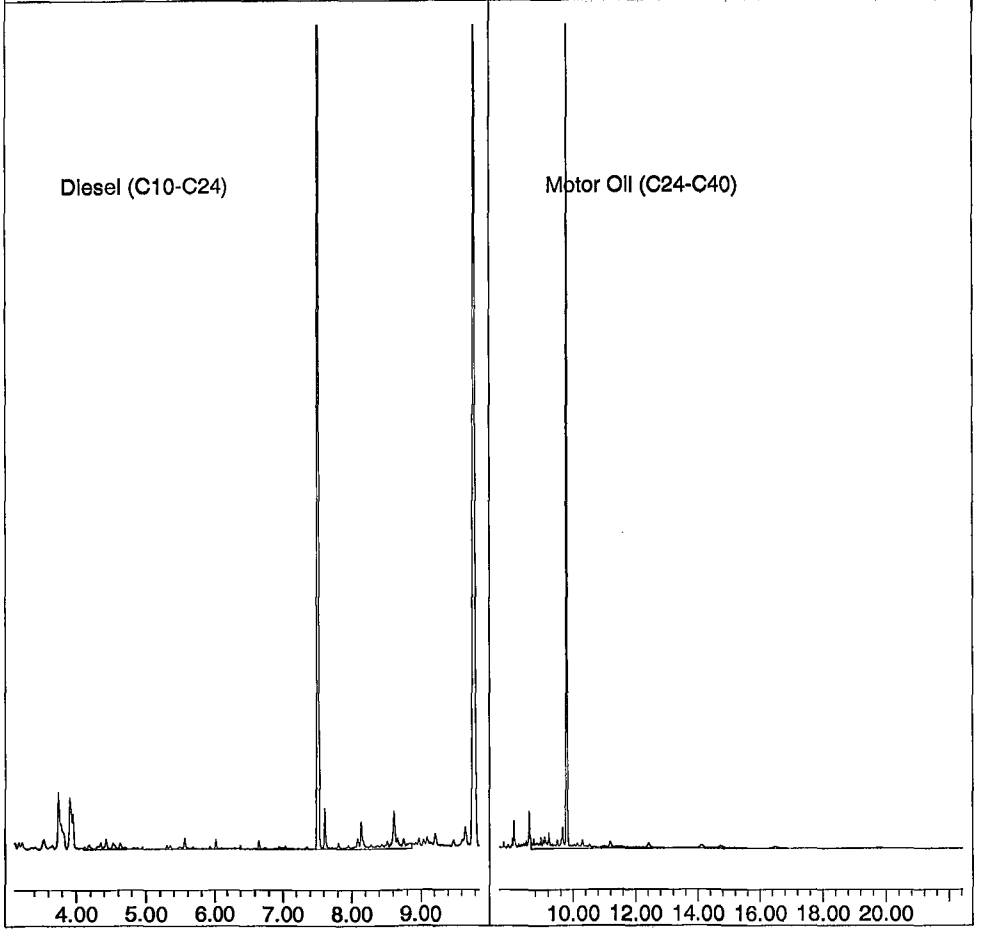
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	10387365	130.389 ppb
Surrogate Spike 150.000		Recovery =	86.93%
4) SA Octacosane(S)	9.78	5651778	151.688 ppb
Surrogate Spike 150.000		Recovery =	101.13%
Target Compounds			
1) HATM Diesel (C10-C24)	6.48	158972340	143.642 ppb
2) HBTM Motor Oil (C24-C40)	15.05	173365798	208.537 ppb
Target Compounds			

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

Data File: G:\APOLLO\DATA\210824\824214.D
Sample : BA38290W01 5/1000





Quantitation Report (QT Reviewed)

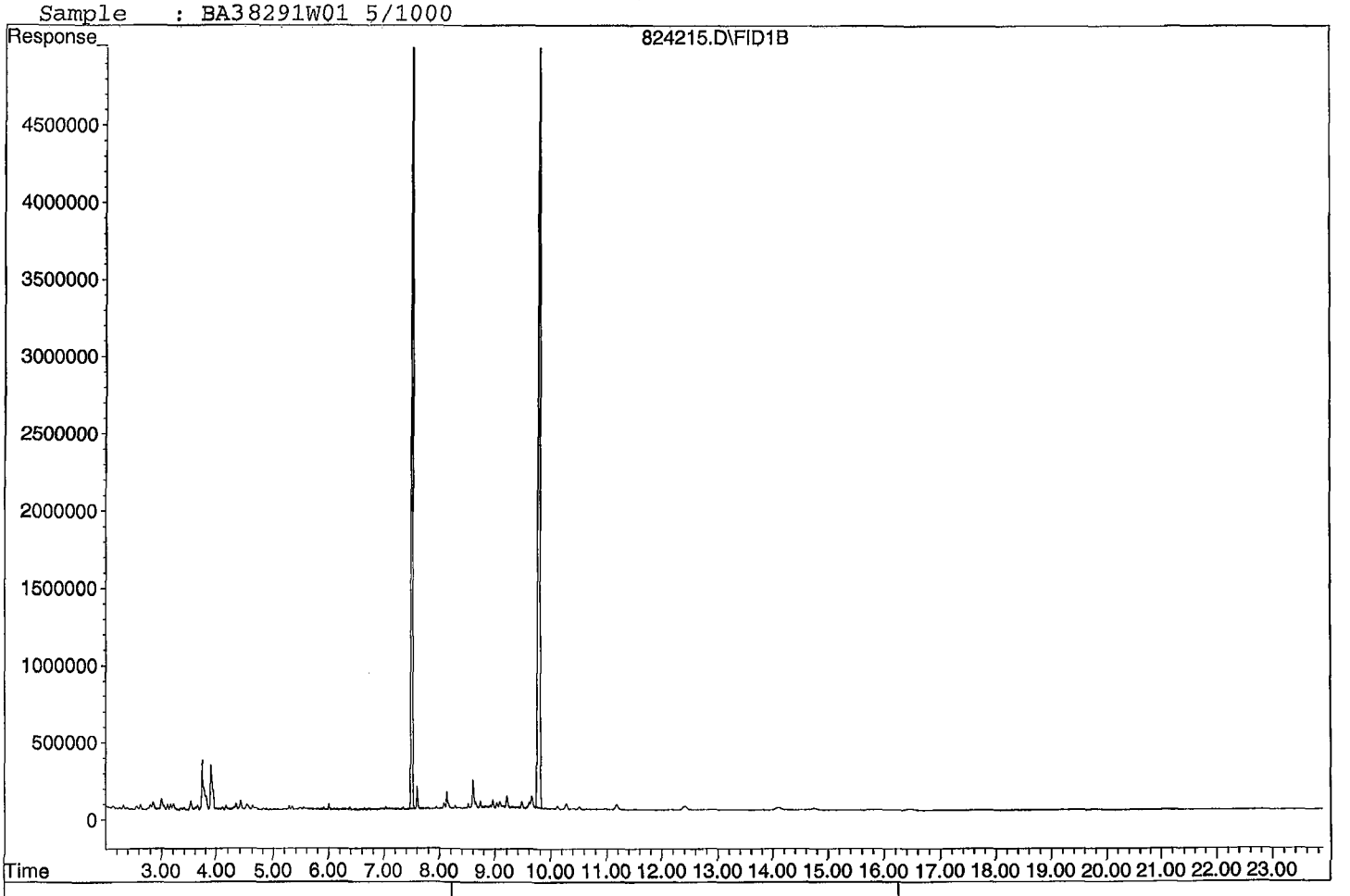
Data File : G:\APOLLO\DATA\210824\824215.D Vial: 15
Acq On : 8-28-21 22:49:14 Operator: KA
Sample : BA38291W01 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 8 13:50 2021 Quant Results File: DOC0823.RES

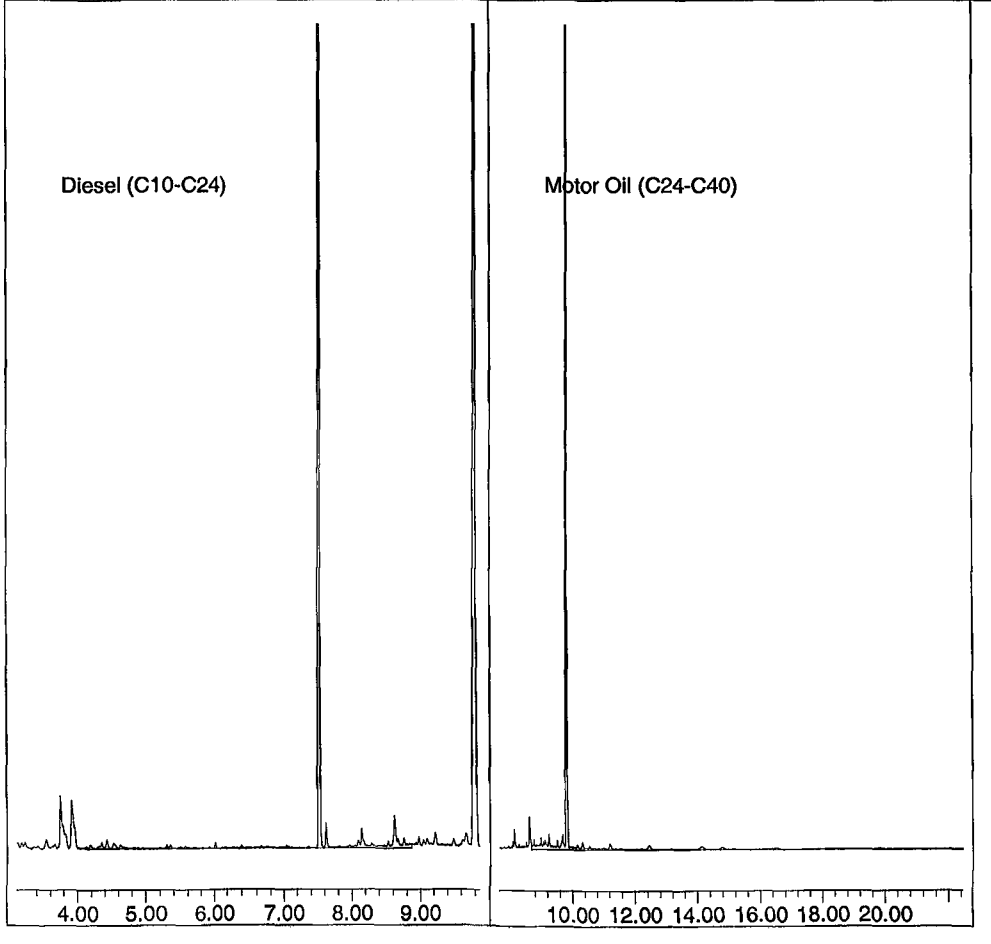
Method : G:\APOLLO\DATA\210823\DOC0823.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 11:41:10 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	11336477	142.303 ppb
Surrogate Spike 150.000		Recovery =	94.87%
4) SA Octacosane(S)	9.79	5821728	156.250 ppb
Surrogate Spike 150.000		Recovery =	104.17%
Target Compounds			
1) HATM Diesel (C10-C24)	6.48	163723392	148.802 ppb
2) HBTM Motor Oil (C24-C40)	15.05	182961958	222.001 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\210824\824215.D
Sample : BA38291W01 5/1000





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\210824\824207.D Vial: 7
Acq On : 8-28-21 18:59:39 Operator: KA
Sample : 210823A BLK 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 8 13:49 2021 Quant Results File: DOC0823.RES

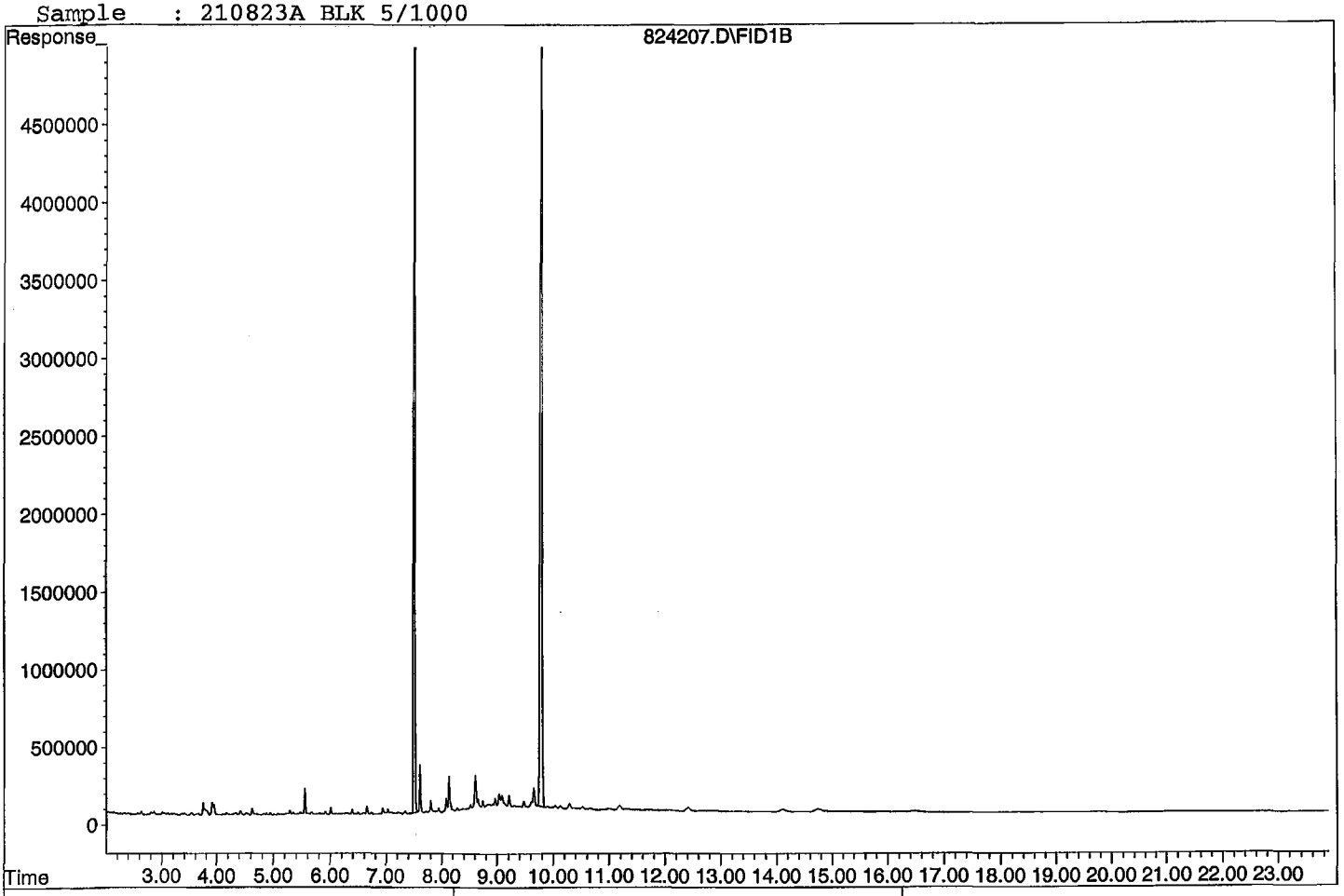
Method : G:\APOLLO\DATA\210823\DOC0823.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 11:41:10 2021
Response via : Multiple Level Calibration

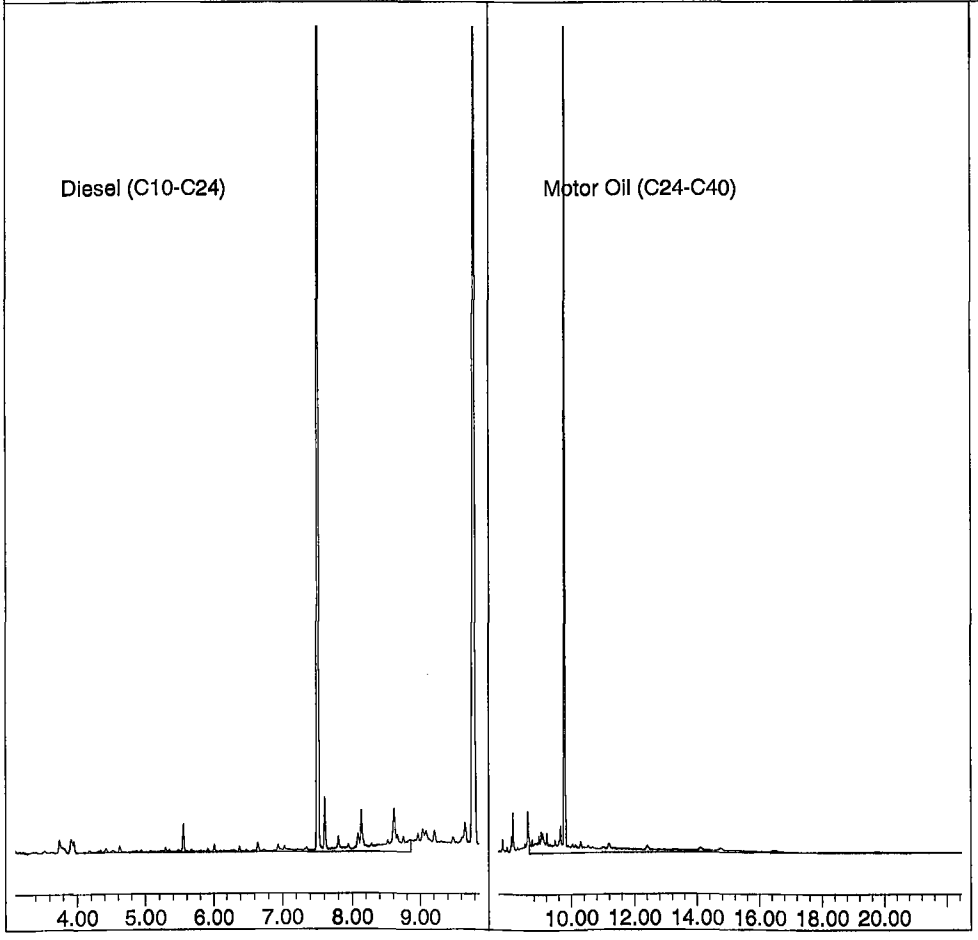
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	10158515	127.516 ppb
Surrogate Spike 150.000		Recovery =	85.01%
4) SA Octacosane(S)	9.78	5636267	151.272 ppb
Surrogate Spike 150.000		Recovery =	100.85%
Target Compounds			
1) HATM Diesel (C10-C24)	6.48	185034261	171.949 ppb
2) HBTM Motor Oil (C24-C40)	15.05	244943522	308.970 ppb

Target Compounds

Data File: G:\APOLLO\DATA\210824\824207.D
Sample : 210823A BLK 5/1000





Quantitation Report (QT Reviewed)

Data File : G:\APOLLO\DATA\210824\824208.D Vial: 8
Acq On : 8-28-21 19:28:21 Operator: KA
Sample : 210823A LCS-1 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 8 13:49 2021 Quant Results File: DOC0823.RES

Method : G:\APOLLO\DATA\210823\DOC0823.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 11:41:10 2021
Response via : Multiple Level Calibration

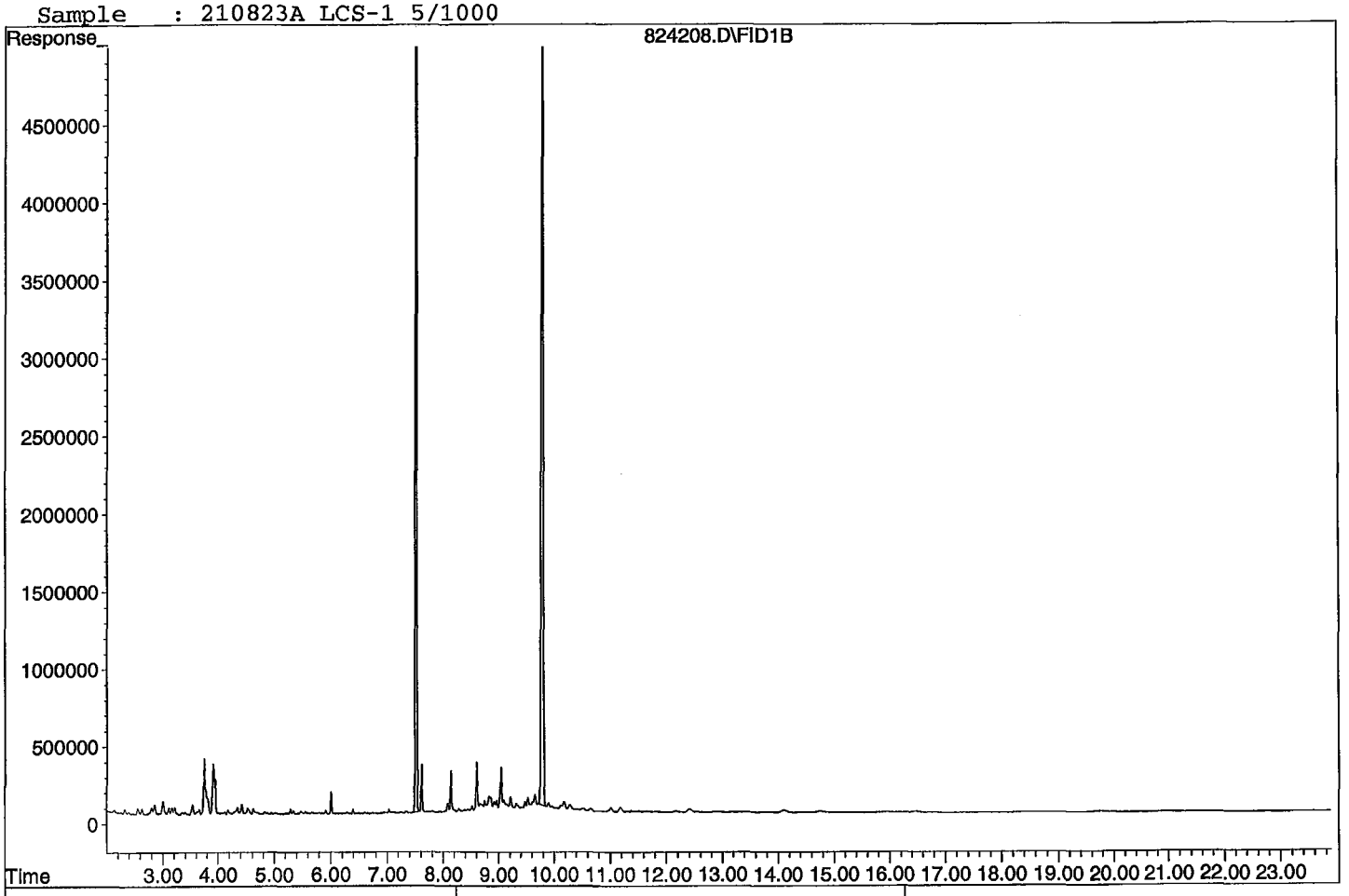
Volume Inj. : 2UL
Signal Phase : DB-5
Signal Info : FID02A

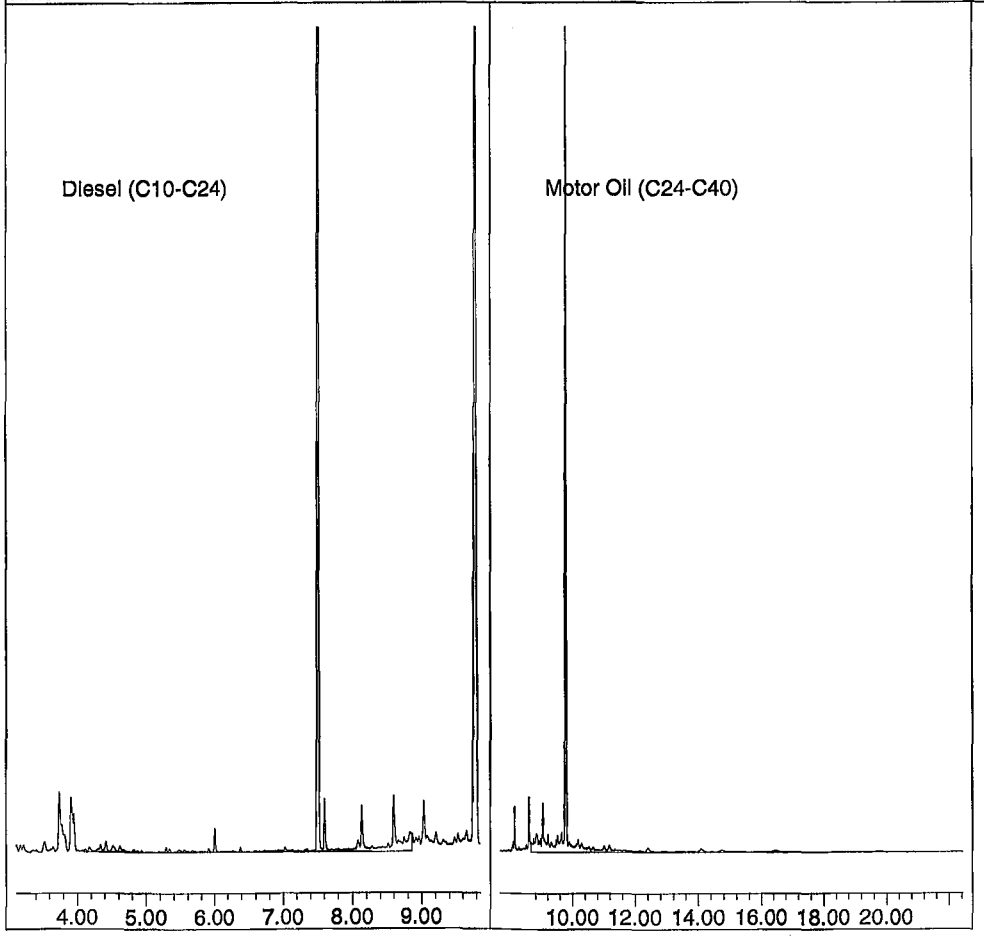
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	11601929	145.635 ppb
Surrogate Spike 150.000		Recovery =	97.09%
4) SA Octacosane(S)	9.78	5960707	159.980 ppb
Surrogate Spike 150.000		Recovery =	106.65%
Target Compounds			
1) HATM Diesel (C10-C24)	6.48	185743831	172.720 ppb
2) HBTM Motor Oil (C24-C40)	15.05	222339853	277.254 ppb
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.
824208.D DOC0823.M Fri Sep 24 12:46:44 2021 Page 1

Data File: G:\APOLLO\DATA\210824\824208.D
Sample : 210823A LCS-1 5/1000





Quantitation Report (QT Reviewed)

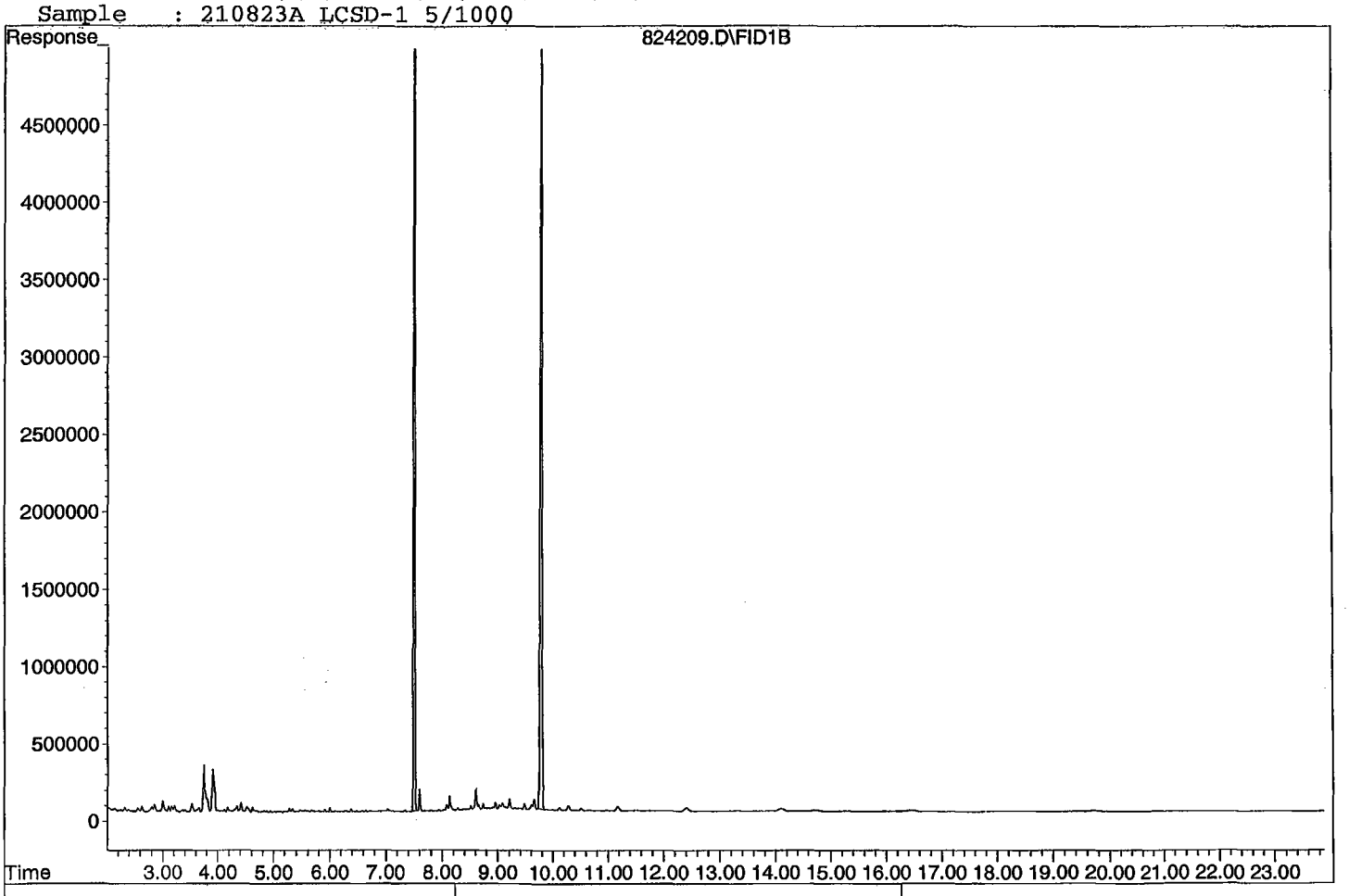
Data File : G:\APOLLO\DATA\210824\824209.D Vial: 9
Acq On : 8-28-21 19:57:04 Operator: KA
Sample : 210823A LCSD-1 5/1000 Inst : Apollo
Misc : water Multiplr: 5.00
IntFile : events.e
Quant Time: Sep 8 13:49 2021 Quant Results File: DOC0823.RES

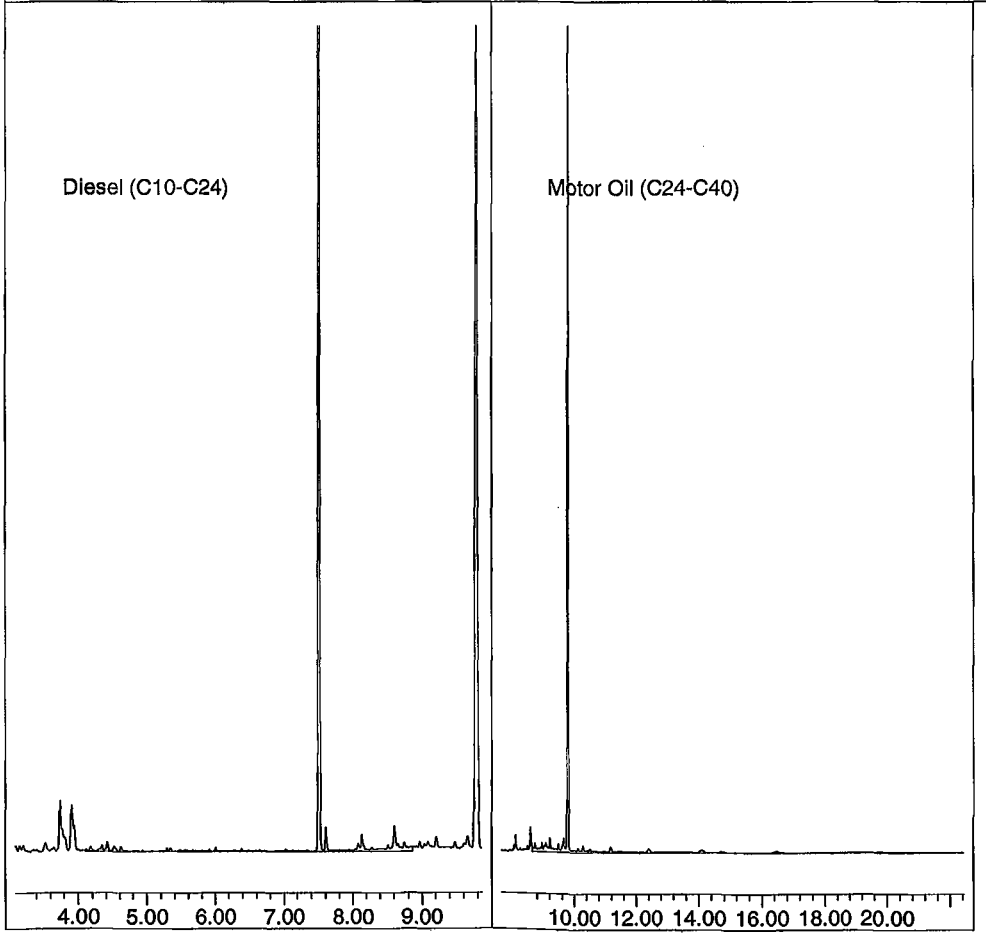
Method : G:\APOLLO\DATA\210823\DOC0823.M (Chemstation Integrator)
Title : 8015 B&C
Last Update : Thu Sep 23 11:41:10 2021
Response via : Multiple Level Calibration

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
3) SA Ortho-Terphenyl(S)	7.51	9891208	124.161 ppb
Surrogate Spike 150.000		Recovery =	82.77%
4) SA Octacosane(S)	9.78	5578812	149.730 ppb
Surrogate Spike 150.000		Recovery =	99.82%
Target Compounds			
1) HATM Diesel (C10-C24)	6.48	150099716	134.005 ppb
2) HBTM Motor Oil (C24-C40)	15.05	165959798	198.145 ppb
Target Compounds			

Data File: G:\APOLLO\DATA\210824\824209.D
Sample : 210823A LCSD-1 5/1000





Diesel / Motor Oil Calibration Curve

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

Prepared By (Initials): KA

Methylene Chloride
Lot No. 60338

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

Diesel / Motor Oil Second Source

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

Prepared By (Initials): SS

Methylene Chloride Lot No. 58059

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

Diesel / Motor Oil CCV

Prepared: 9/3/2021
Expires: 9/3/2022
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: 9/03/21 A0164485-52822, A0166510-52664 and 52818, and CL15902-51797	**9/3/2022**	**10/31/2027 12/31/2027 5/31/2026**	1250uL	10mL	MC	250

Diesel / Motor Oil CCV

Prepared: 8/24/2021
Expires: 8/24/2022

Prepared By(Initials): KA

Methylene Chloride
Lot No. 61117

Initial Standard Information							Final Standard Information			
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	**Prepared 8/23/21 A0164485-52662, A0165510-52666, CL16893-52844**	**8/23/2022**	**10/31/2027 03/31/2028 5/31/2026**	1250uL	10mL	MC	250

Diesel Motor Oil Mix

Prepared: 7/19/2021 **Prepared By (Initials): MB**

Expires: 7/19/2022

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Diesel Fuel #2	Restek	31258	50,000	A0164485-52660,52480,52661	6/28/2022	2/28/2027	4.00 mL	8.0 mL	NA	25,000
Motor Oil Composite	Restek	31464	50,000	A0166510-52665,52666.52667	6/28/2022	9/30/2027	4.00 mL			25,000

THC Surrogate

Prepared: 8/16/2021 **KA**

Expires: 8/16/2022

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier Part No.	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr.)	Exp. Date (Manufacturer)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
O-terphenyl / Octacosane Mix	Phenova	ALO-130161	600	**CL16893-52843**	**8/16/2022**	**5/31/2026**	N/A	N/A	N/A	600

Organic Extraction Worksheet

Method	Continuous Liq/Liq TPH-Diesel/MO 3520C	Extraction Set	210823A	Extraction Method	LIQ005	Units	mL

Spiked ID 1			Surrogate ID 1	THC Surrogate 8-16-21 8-16-22	
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:	08/23/21 19:00	
Spiked ID 8			Ext. End Time:	08/24/21 13:10	
			GC Requires Extract By:		

pH1	2	08/23/21 16:10	Water Bath Temp 1 °C	
pH2			Water Bath Temp 2 °C	
pH3			Water Bath Temp 3 °C	

Spiked By: YL **Date** 8/23/2021 **Witnessed By:** SR **Date** 8/23/2021

	Sample	Sample Container	Spike Amount	Spike ID	Surrogate Amount	Surrogate ID	Extract Amount	Final Volume	pH	Extract Date/Time	Comments
1	210823A Blk				0.250	1 equip	1000	5	2	08/23/21 16:35	
2	210823A LCS-1				0.250	1 equip	1000	5	2	08/23/21 16:35	
3	210823A LCSD-1				0.250	1 equip	1000	5	2	08/23/21 16:35	
4	BA38152 Blk				0.250	1 equip	1000	5	2	08/23/21 16:35	97207 SAME SAMPLE
5	BA38288	BA38288W01			0.250	1 equip	1000	5	2	08/23/21 16:35	97221
6	BA38289	BA38289W01			0.250	1 equip	1000	5	2	08/23/21 16:35	97221
7	BA38290	BA38290W01			0.250	1 equip	1000	5	2	08/23/21 16:35	97221
8	BA38291	BA38291W01			0.250	1 equip	1000	5	2	08/23/21 16:35	97221
9	BA39952	BA39952W01			0.250	1 equip	1000	5	2	08/23/21 16:35	97207 SAME SAMPLE

Solvent and Lot#	
1+1 HCL (5mLs)	60282
PH Strips	HC155968
Dicholormethane	61117
Filter Paper	400181
Sodium Sulfate	16L295203

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

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

Modified	8/25/2021 7:03:26 AM

Reviewed By: **Date**

Injection Log

Directory: G:\APOLLO\DATA\210823\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	3	823003.D	1	DMO Curve 1	water	8-23-21 18:21:55
2	4	823004.D	1	DMO Curve 2	water	8-23-21 18:50:30
3	5	823005.D	1	DMO Curve 3	water	8-23-21 19:18:55
4	6	823006.D	1	DMO Curve 4	water	8-23-21 19:47:24
5	7	823007.D	1	DMO Curve 5	water	8-23-21 20:15:46
6	8	823008.D	1	DMO Curve 6	water	8-23-21 20:44:20
7	9	823009.D	1	DMO Curve 7	water	8-23-21 21:12:52
8	10	823010.D	1	DMO Second Source	water	8-23-21 21:41:26
9	95	824195.D	1	Diesel Motor Oil CCV 8/24/21	water	8-28-21 11:44:42
10	7	824207.D	5	210823A BLK 5/1000	water	8-28-21 18:59:39
11	8	824208.D	5	210823A LCS-1 5/1000	water	8-28-21 19:28:21
12	9	824209.D	5	210823A LCSD-1 5/1000	water	8-28-21 19:57:04
13	11	824211.D	5	BA38288W01 5/1000	water	8-28-21 20:54:26
14	12	824212.D	1	Diesel Motor Oil CCV 8/24/21	water	8-28-21 21:23:06
15	13	824213.D	5	BA38289W01 5/1000	water	8-28-21 21:51:51
16	14	824214.D	5	BA38290W01 5/1000	water	8-28-21 22:20:33
17	15	824215.D	5	BA38291W01 5/1000	water	8-28-21 22:49:14
18	16	824216.D	1	Diesel Motor Oil CCV 8/24/21	water	8-28-21 23:17:52

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: 07/15/21
Matrix: Instrument: Linus Initials: MA

			0715L004.D	0715L005.D	0715L006.D	0715L007.D	0715L008.D	0715L009.D	0715L010.D	0715L011.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	1.257	1.260	1.246	1.216	1.169	1.100	1.113	1.047			1.2	6.9	TM			0.700
3	S	2-Methylnaphthalene-D10 (2M	1.239	1.257	1.232	1.222	1.131	1.199	1.098	1.077			1.2	5.9	S			
4	TM	2-Methylnaphthalene	0.7305	0.7238	0.7496	0.7220	0.7135	0.6858	0.6454	0.5605			0.69	8.9	TM			0.400
5	TM	1-Methylnaphthalene	0.7705	0.7476	0.7699	0.7451	0.7235	0.6853	0.6403	0.5499			0.70	11	TM			
6	I	Acenaphthene-D10(IS)																
7	TM	Acenaphthylene	4.989	5.144	5.085	4.999	5.120	4.805	4.385	3.583			4.8	11	TM			0.900
8	*TM	Acenaphthene	1.472	1.465	1.373	1.330	1.351	1.224	1.075	0.9328			1.3	15	*TM			0.900
9	TM	Fluorene	1.688	1.692	1.703	1.635	1.683	1.591	1.371	1.214			1.6	12	TM			0.900
10	I	Phenanthrene-D10(IS)																
11	TM	Phenanthrene	1.508	1.490	1.497	1.440	1.413	1.377	1.144	0.9430			1.4	15	TM			0.700
12	TM	Anthracene	1.328	1.313	1.335	1.309	1.340	1.291	1.073	0.8556			1.2	14	TM			0.700
13	S	Fluoranthene-D10 (FRT)	1.955	1.983	1.974	2.003	1.875	2.031	1.885	1.678			1.9	5.9	S			
14	*TM	Fluoranthene	2.111	2.170	2.261	2.247	2.226	2.161	1.716	1.406			2.0	15	*TM			0.600
15	I	Chrysene-D12(IS)																
16	TM	Pyrene	1.531	1.551	1.590	1.541	1.534	1.462	1.341	1.240			1.5	8.2	TM			0.600
17	TM	Benz (a) anthracene	1.367	1.318	1.340	1.282	1.331	1.304	1.302	1.219			1.3	3.4	TM			0.800
18	TM	Chrysene	1.552	1.512	1.496	1.419	1.393	1.313	1.193	1.032			1.4	13	TM			0.700
19	TM	Indeno (1,2,3-cd) pyrene	1.265	1.247	1.256	1.231	1.313	1.299	1.341	1.265			1.3	2.9	TM			0.500
20	I	Perylene-D12(IS)																
21	TM	Benzo (b) fluoranthene	1.208	1.100	1.221	1.296	1.394	1.346	1.364	1.307			1.3	7.6	TM			0.700
22	TM	Benzo (k) fluoranthene	1.498	1.577	1.548	1.432	1.496	1.458	1.058	1.182			1.4	13	TM			0.700
23	*TM	Benzo (a) pyrene	1.162	1.085	1.229	1.232	1.312	1.284	1.271	1.154			1.2	6.3	*TM			0.700
24	TM	Dibenz (a,h) anthracene	1.053	1.113	1.137	1.153	1.229	1.193	1.117	1.041			1.1	5.7	TM			0.400
25	TM	Benzo (g,h,i) perylene	1.232	1.233	1.229	1.224	1.291	1.252	1.187	1.112			1.2	4.3	TM			0.500
26																		
27																		
28																		
29																		
30																		
31																		
32																		
33																		
34																		
35																		

Quantitation Report (Not Reviewed)

Data File : M:\LINUS\DATA\L210715\0715L004.D Vial: 4
Acq On : 15 Jul 21 9:04 Operator: LS
Sample : 0.1 SIM 07/08/21 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Jul 15 12:01 2021 Quant Results File: L0715.RES

Quant Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:59:44 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Napthalene-D8(IS)	4.05	136	37575	2.50000	ppb		0.00
6) Acenaphthene-D10(IS)	6.05	164	18144	2.50000	ppb		0.00
10) Phenanthrene-D10(IS)	7.77	188	29646	2.50000	ppb		0.01
15) Chrysene-D12(IS)	10.87	240	41394	2.50000	ppb		0.00
20) Perylene-D12(IS)	13.25	264	37425	2.50000	ppb		0.00
System Monitoring Compounds							
3) 2-Methylnaphthalene-D10 (2	4.83	152	931	0.05241	ppb		0.01
Spiked Amount 5.000			Recovery =	1.040%			
13) Fluoranthene-D10 (FRT)	9.16	212	1159	0.05082	ppb		0.01
Spiked Amount 5.000			Recovery =	1.020%			
Target Compounds							Qvalue
2) Naphthalene	4.07	128	1889	0.10687	ppb		99
4) 2-Methylnaphthalene	4.87	142	1098	0.10566	ppb		97
5) 1-Methylnaphthalene	4.97	142	1158	0.10944	ppb		97
7) Acenaphthylene	5.89	152	3621	0.10473	ppb		99
8) Acenaphthene	6.08	154	1068	0.11517	ppb		98
9) Fluorene	6.69	166	1225	0.10736	ppb		99
11) Phenanthrene	7.80	178	1788	0.11158	ppb		99
12) Anthracene	7.86	178	1575	0.10793	ppb		96
14) Fluoranthene	9.18	202	2503	0.10361	ppb		96
16) Pyrene	9.43	202	2535	0.10389	ppb	#	89
17) Benz (a) anthracene	10.86	228	2263	0.10450	ppb		98
18) Chrysene	10.90	228	2570	0.11381	ppb		99
19) Indeno (1,2,3-cd) pyrene	14.76	276	2095	0.09907	ppb	#	87
21) Benzo (b) fluoranthene	12.58	252	1809	0.09444	ppb		98
22) Benzo (k) fluoranthene	12.64	252	2243	0.10655	ppb		97
23) Benzo (a) pyrene	13.16	252	1739	0.09553	ppb		97
24) Dibenz (a,h) anthracene	14.79	278	1576	0.09322	ppb		96
25) Benzo (g,h,i) perylene	15.11	276	1845	0.10102	ppb		96

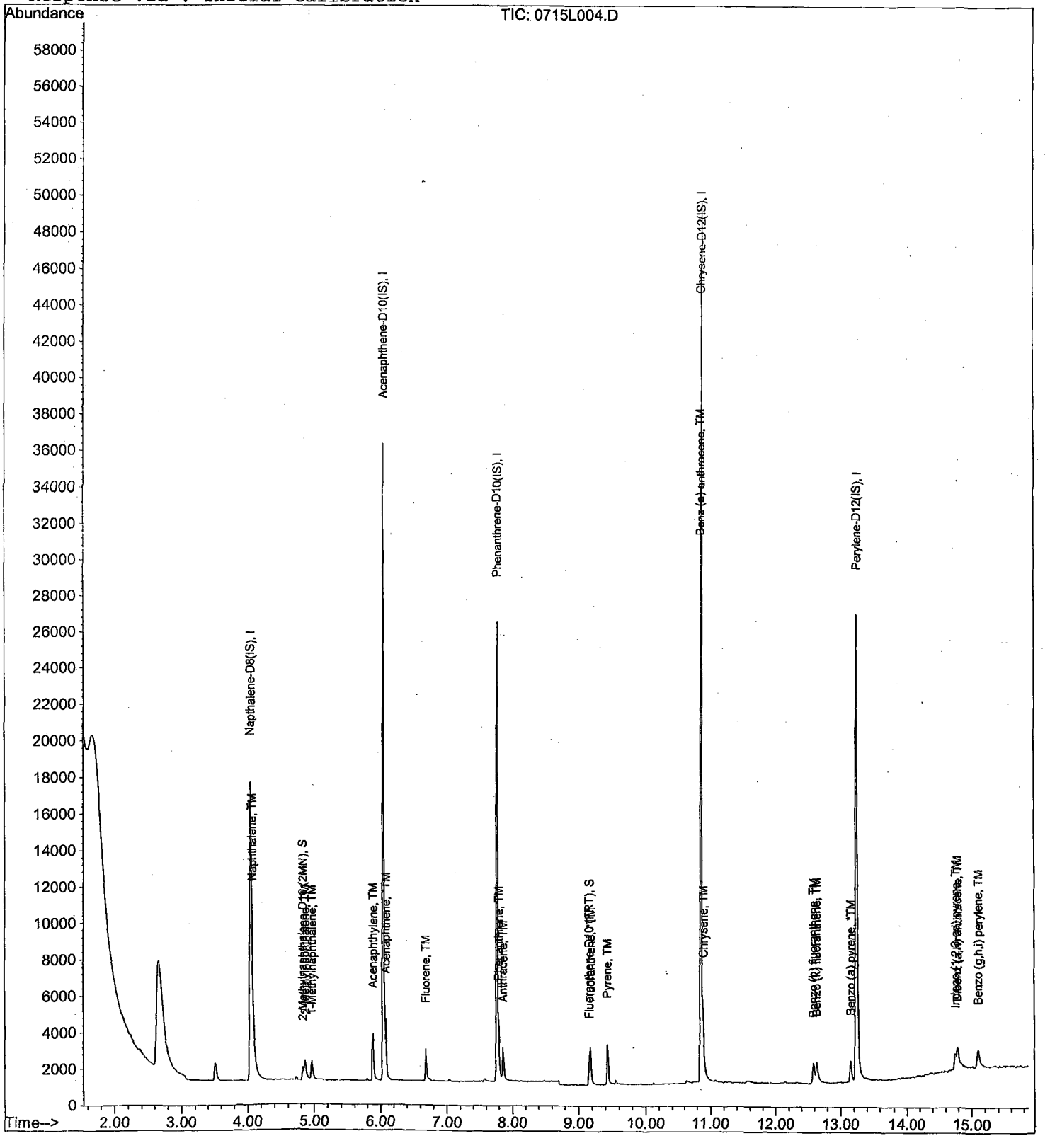
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\LINUS\DATA\L210715\0715L004.D Vial: 4
Acq On : 15 Jul 21 9:04 Operator: LS
Sample : 0.1 SIM 07/08/21 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Jul 15 12:01 2021 Quant Results File: L0715.RES

Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:59:44 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\LINUS\DATA\L210715\0715L005.D Vial: 5
Acq On : 15 Jul 21 9:26 Operator: LS
Sample : 0.2 SIM 07/08/21 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Jul 15 12:01 2021 Quant Results File: L0715.RES

Quant Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:59:44 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Napthalene-D8(IS)	4.05	136	35629	2.50000	ppb		0.00
6) Acenaphthene-D10(IS)	6.05	164	17068	2.50000	ppb		0.00
10) Phenanthrene-D10(IS)	7.77	188	28139	2.50000	ppb		0.01
15) Chrysene-D12(IS)	10.87	240	39487	2.50000	ppb		0.00
20) Perylene-D12(IS)	13.25	264	35556	2.50000	ppb		0.00
System Monitoring Compounds							
3) 2-Methylnaphthalene-D10 (2	4.83	152	1792	0.10639	ppb		0.01
Spiked Amount 5.000			Recovery =	2.120%			
13) Fluoranthene-D10 (FRT)	9.16	212	2232	0.10312	ppb		0.01
Spiked Amount 5.000			Recovery =	2.060%			
Target Compounds							Qvalue
2) Naphthalene	4.07	128	3591	0.21425	ppb		98
4) 2-Methylnaphthalene	4.87	142	2063	0.20937	ppb		99
5) 1-Methylnaphthalene	4.96	142	2131	0.21239	ppb		98
7) Acenaphthylene	5.88	152	7024	0.21596	ppb		98
8) Acenaphthene	6.08	154	2000	0.22927	ppb		97
9) Fluorene	6.69	166	2311	0.21530	ppb		97
11) Phenanthrene	7.80	178	3355	0.22058	ppb		99
12) Anthracene	7.86	178	2955	0.21334	ppb		99
14) Fluoranthene	9.17	202	4886	0.21307	ppb	#	93
16) Pyrene	9.43	202	4900	0.21052	ppb	#	90
17) Benz (a) anthracene	10.86	228	4165	0.20162	ppb		99
18) Chrysene	10.90	228	4777	0.22175	ppb		98
19) Indeno (1,2,3-cd) pyrene	14.75	276	3940	0.19531	ppb	#	97
21) Benzo (b) fluoranthene	12.58	252	3130	0.17199	ppb		97
22) Benzo (k) fluoranthene	12.64	252	4487	0.22436	ppb		96
23) Benzo (a) pyrene	13.16	252	3087	0.17849	ppb		100
24) Dibenz (a,h) anthracene	14.79	278	3166	0.19712	ppb		96
25) Benzo (g,h,i) perylene	15.10	276	3507	0.20212	ppb		98

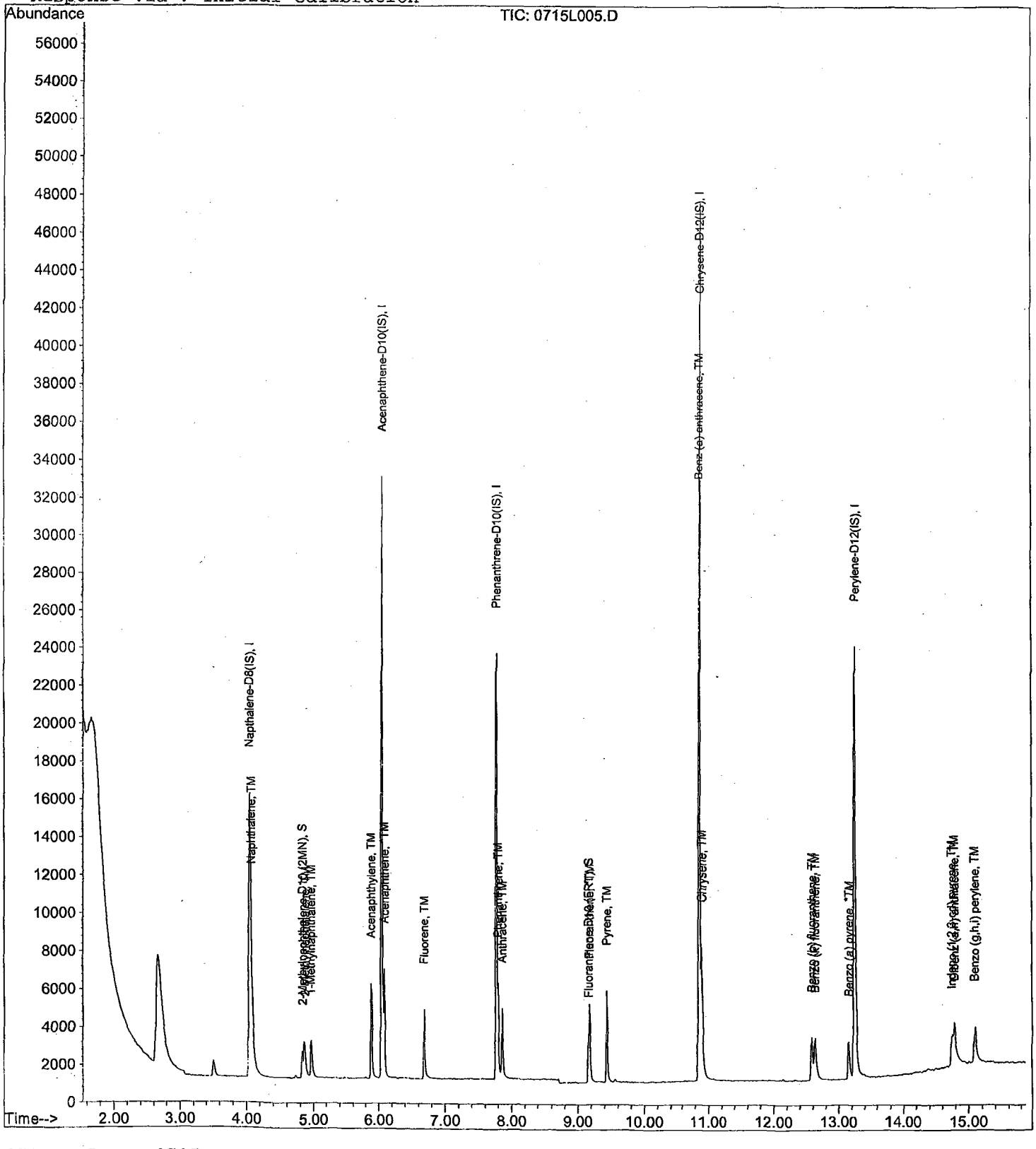
(#) = qualifier out of range (m) = manual integration
0715L005.D L0715.M Wed Jul 21 11:23:20 2021

Quantitation Report

Data File : M:\LINUS\DATA\L210715\0715L005.D Vial: 5
Acq On : 15 Jul 21 9:26 Operator: LS
Sample : 0.2 SIM 07/08/21 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Jul 15 12:01 2021 Quant Results File: L0715.RES

Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:59:44 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\LINUS\DATA\L210715\0715L006.D Vial: 6
Acq On : 15 Jul 21 9:48 Operator: LS
Sample : 0.5 SIM 07/08/21 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Jul 15 12:01 2021 Quant Results File: L0715.RES

Quant Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:59:44 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Napthalene-D8(IS)	4.05	136	35237	2.50000	ppb		0.00
6) Acenaphthene-D10(IS)	6.05	164	17128	2.50000	ppb		0.00
10) Phenanthrene-D10(IS)	7.77	188	27537	2.50000	ppb		0.01
15) Chrysene-D12(IS)	10.87	240	39592	2.50000	ppb		0.00
20) Perylene-D12(IS)	13.25	264	35596	2.50000	ppb		0.00
System Monitoring Compounds							
3) 2-Methylnaphthalene-D10 (2	4.83	152	4340	0.26053	ppb		0.01
Spiked Amount 5.000			Recovery =	5.220%			
13) Fluoranthene-D10 (FRT)	9.15	212	5435	0.25658	ppb		0.00
Spiked Amount 5.000			Recovery =	5.140%			
Target Compounds							Qvalue
2) Naphthalene	4.07	128	8783	0.52985	ppb		99
4) 2-Methylnaphthalene	4.85	142	5283	0.54212	ppb		100
5) 1-Methylnaphthalene	4.96	142	5426	0.54682	ppb		98
7) Acenaphthylene	5.88	152	17418	0.53366	ppb		99
8) Acenaphthene	6.08	154	4703	0.53724	ppb		96
9) Fluorene	6.69	166	5834	0.54161	ppb		98
11) Phenanthrene	7.80	178	8242	0.55372	ppb		99
12) Anthracene	7.86	178	7355	0.54262	ppb		99
14) Fluoranthene	9.17	202	12453	0.55494	ppb		96
16) Pyrene	9.43	202	12589	0.53943	ppb		96
17) Benz (a) anthracene	10.86	228	10607	0.51211	ppb		99
18) Chrysene	10.90	228	11846	0.54845	ppb		99
19) Indeno (1,2,3-cd) pyrene	14.75	276	9946	0.49172	ppb	#	92
21) Benzo (b) fluoranthene	12.58	252	8693	0.47712	ppb		97
22) Benzo (k) fluoranthene	12.63	252	11018	0.55031	ppb		98
23) Benzo (a) pyrene	13.15	252	8748	0.50524	ppb		96
24) Dibenz (a,h) anthracene	14.78	278	8092	0.50325	ppb		97
25) Benzo (g,h,i) perylene	15.10	276	8749	0.50366	ppb		93

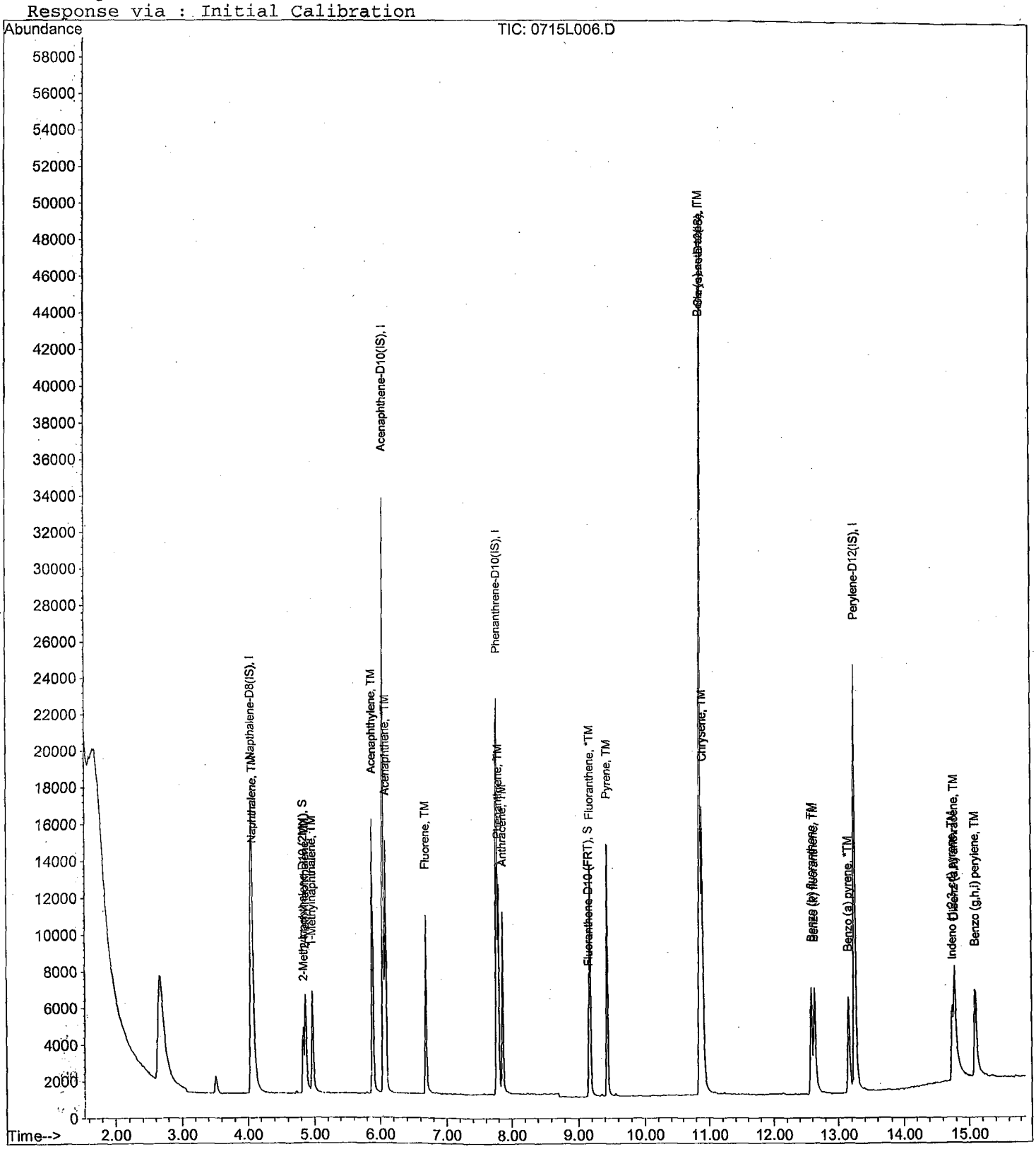
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\LINUS\DATA\L210715\0715L006.D Vial: 6
Acq On : 15 Jul 21 9:48 Operator: LS
Sample : 0.5 SIM 07/08/21 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Jul 15 12:01 2021 Quant Results File: L0715.RES

Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:59:44 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\LINUS\DATA\L210715\0715L007.D Vial: 7
Acq On : 15 Jul 21 10:10 Operator: LS
Sample : 1 SIM 07/08/21 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Jul 15 12:01 2021 Quant Results File: L0715.RES

Quant Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:59:44 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Napthalene-D8(IS)	4.05	136	38292	2.50000	ppb		0.00
6) Acenaphthene-D10(IS)	6.05	164	18623	2.50000	ppb		0.00
10) Phenanthrene-D10(IS)	7.77	188	29963	2.50000	ppb		0.01
15) Chrysene-D12(IS)	10.87	240	43524	2.50000	ppb		0.00
20) Perylene-D12(IS)	13.25	264	38871	2.50000	ppb		0.00
System Monitoring Compounds							
3) 2-Methylnaphthalene-D10 (2	4.82	152	9356	0.51684	ppb		0.00
Spiked Amount 5.000			Recovery = 10.340%				
13) Fluoranthene-D10 (FRT)	9.15	212	12003	0.52077	ppb		0.00
Spiked Amount 5.000			Recovery = 10.420%				
Target Compounds							Qvalue
2) Naphthalene	4.07	128	18630	1.03422	ppb		98
4) 2-Methylnaphthalene	4.85	142	11058	1.04419	ppb		97
5) 1-Methylnaphthalene	4.96	142	11413	1.05841	ppb		99
7) Acenaphthylene	5.88	152	37240	1.04938	ppb		99
8) Acenaphthene	6.08	154	9909	1.04107	ppb		97
9) Fluorene	6.69	166	12181	1.04006	ppb		96
11) Phenanthrene	7.80	178	17262	1.06581	ppb		99
12) Anthracene	7.86	178	15687	1.06361	ppb		98
14) Fluoranthene	9.17	202	26927	1.10278	ppb		99
16) Pyrene	9.43	202	26820	1.04539	ppb		98
17) Benz (a) anthracene	10.86	228	22324	0.98044	ppb		99
18) Chrysene	10.90	228	24706	1.04050	ppb		99
19) Indeno (1,2,3-cd) pyrene	14.75	276	21431	0.96381	ppb	#	87
21) Benzo (b) fluoranthene	12.57	252	20143	1.01241	ppb		99
22) Benzo (k) fluoranthene	12.63	252	22266	1.01841	ppb		99
23) Benzo (a) pyrene	13.15	252	19153	1.01299	ppb		100
24) Dibenz (a,h) anthracene	14.78	278	17922	1.02067	ppb		98
25) Benzo (g,h,i) perylene	15.08	276	19030	1.00321	ppb		100

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

Quantitation Report

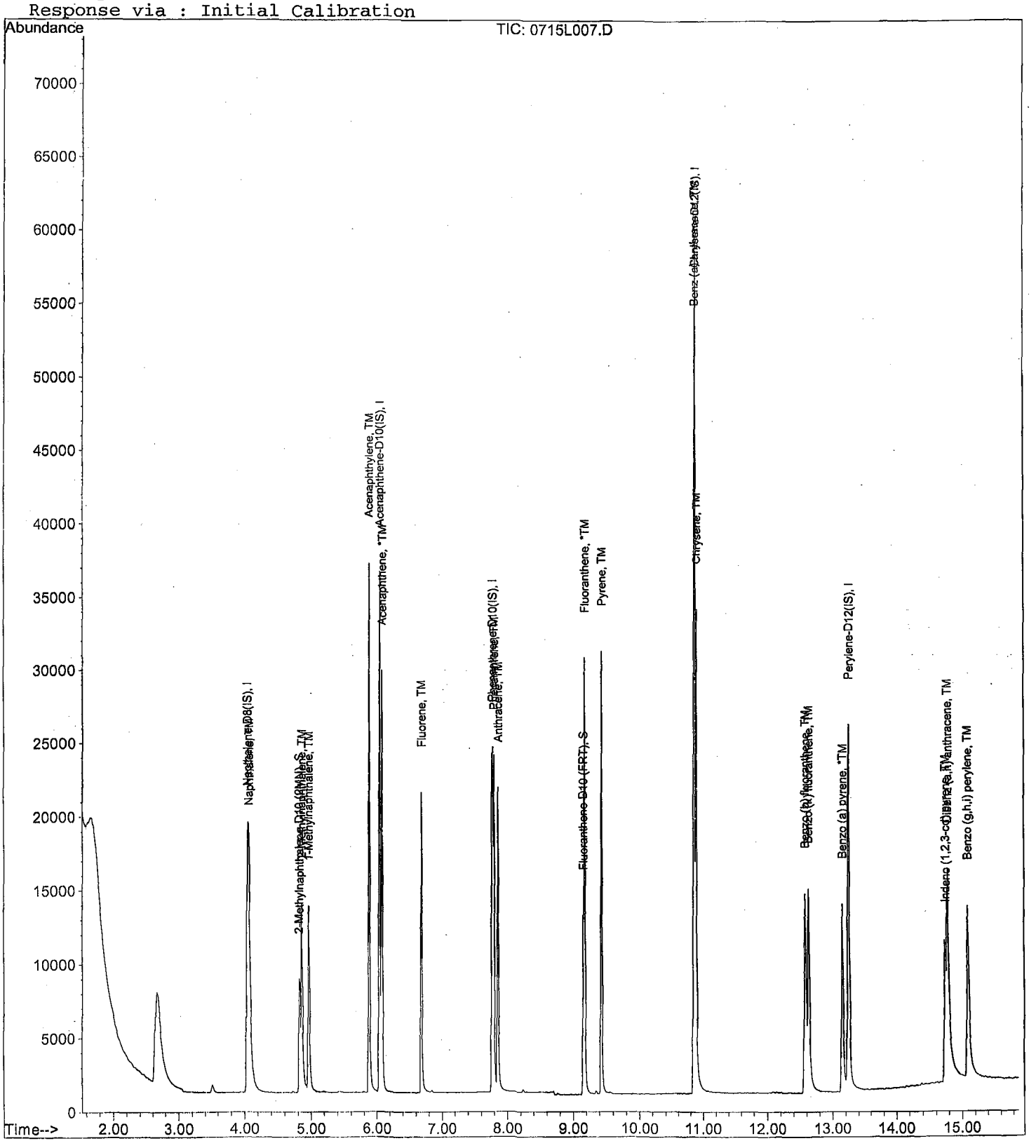
Data File : M:\LINUS\DATA\L210715\0715L007.D
Acq On : 15 Jul 21 10:10
Sample : 1 SIM 07/08/21
Misc :

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

Quant Time: Jul 15 12:01 2021

Quant Results File: L0715.RES

Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:59:44 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\LINUS\DATA\L210715\0715L008.D Vial: 8
Acq On : 15 Jul 21 10:32 Operator: LS
Sample : 5 SIM 07/08/21 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Jul 15 12:01 2021 Quant Results File: L0715.RES

Quant Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:59:44 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Napthalene-D8(IS)	4.05	136	34900	2.50000	ppb	0.00
6) Acenaphthene-D10(IS)	6.05	164	16606	2.50000	ppb	0.00
10) Phenanthrene-D10(IS)	7.76	188	27860	2.50000	ppb	0.00
15) Chrysene-D12(IS)	10.87	240	41147	2.50000	ppb	0.00
20) Perylene-D12(IS)	13.25	264	36706	2.50000	ppb	0.00
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.82	152	39468	2.39217	ppb	0.00
Spiked Amount 5.000			Recovery =	47.840%		
13) Fluoranthene-D10 (FRT)	9.15	212	52239	2.43756	ppb	0.00
Spiked Amount 5.000			Recovery =	48.760%		
Target Compounds						Qvalue
2) Naphthalene	4.07	128	81609	4.97072	ppb	100
4) 2-Methylnaphthalene	4.85	142	49805	5.16010	ppb	100
5) 1-Methylnaphthalene	4.96	142	50499	5.13829	ppb	100
7) Acenaphthylene	5.88	152	170062	5.37421	ppb	100
8) Acenaphthene	6.08	154	44879	5.28784	ppb	100
9) Fluorene	6.69	166	55904	5.35305	ppb	100
11) Phenanthrene	7.80	178	78705	5.22631	ppb	100
12) Anthracene	7.86	178	74665	5.44458	ppb	100
14) Fluoranthene	9.17	202	124013	5.46226	ppb	100
16) Pyrene	9.43	202	126257	5.20554	ppb	100
17) Benz (a) anthracene	10.86	228	109532	5.08837	ppb	100
18) Chrysene	10.90	228	114640	5.10702	ppb	100
19) Indeno (1,2,3-cd) pyrene	14.74	276	108069	5.14090	ppb	100
21) Benzo (b) fluoranthene	12.57	252	102359	5.44815	ppb	100
22) Benzo (k) fluoranthene	12.63	252	109857	5.32104	ppb	100
23) Benzo (a) pyrene	13.15	252	96348	5.39634	ppb	100
24) Dibenz (a,h) anthracene	14.78	278	90207	5.44038	ppb	100
25) Benzo (g,h,i) perylene	15.08	276	94778	5.29114	ppb	100

(#) = qualifier out of range (m) = manual integration
0715L008.D L0715.M Wed Jul 21 11:23:28 2021

Quantitation Report

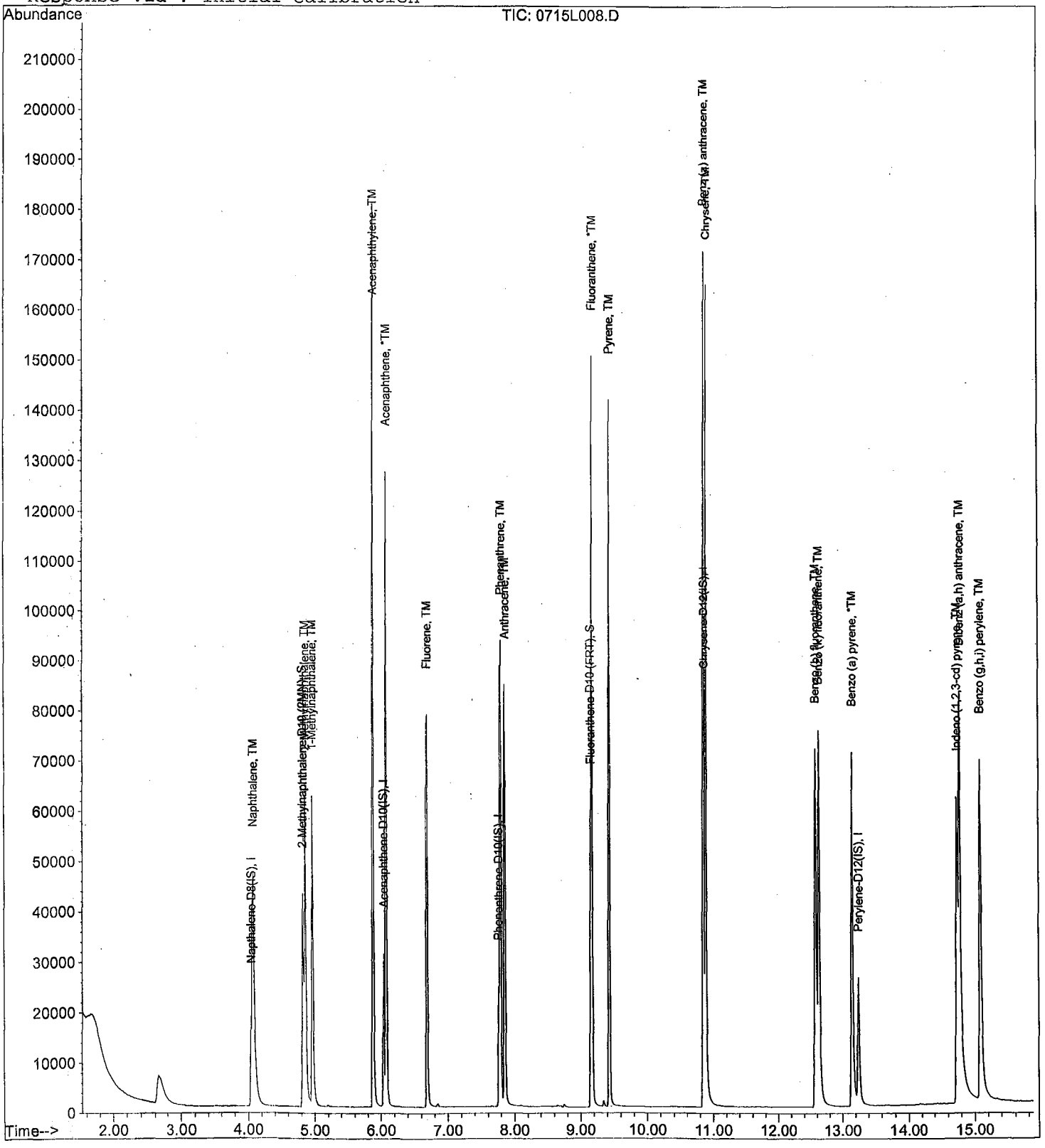
Data File : M:\LINUS\DATA\L210715\0715L008.D
Acq On : 15 Jul 21 10:32
Sample : 5 SIM 07/08/21
Misc :

Vial: 8
Operator: LS
Inst : Linus
Multiplr: 1.00

Quant Time: Jul 15 12:01 2021

Quant Results File: L0715.RES

Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:59:44 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\LINUS\DATA\L210715\0715L009.D Vial: 9
Acq On : 15 Jul 21 10:55 Operator: LS
Sample : 10 SIM 07/08/21 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Jul 15 12:01 2021 Quant Results File: L0715.RES

Quant Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:59:44 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Napthalene-D8(IS)	4.05	136	35868	2.50000	ppb		0.00
6) Acenaphthene-D10(IS)	6.05	164	17432	2.50000	ppb		0.00
10) Phenanthrene-D10(IS)	7.77	188	28073	2.50000	ppb		0.01
15) Chrysene-D12(IS)	10.87	240	41890	2.50000	ppb		0.00
20) Perylene-D12(IS)	13.25	264	38066	2.50000	ppb		0.00
System Monitoring Compounds							
3) 2-Methylnaphthalene-D10 (2	4.82	152	86019	5.07295	ppb		0.00
Spiked Amount 5.000			Recovery = 101.460%				
13) Fluoranthene-D10 (FRT)	9.15	212	114053	5.28152	ppb		0.00
Spiked Amount 5.000			Recovery = 105.640%				
Target Compounds							Qvalue
2) Naphthalene	4.07	128	157861	9.35565	ppb		100
4) 2-Methylnaphthalene	4.85	142	98389	9.91860	ppb		99
5) 1-Methylnaphthalene	4.96	142	98317	9.73381	ppb		99
7) Acenaphthylene	5.88	152	335060	10.08667	ppb		100
8) Acenaphthene	6.08	154	85339	9.57857	ppb		98
9) Fluorene	6.69	166	110925	10.11826	ppb		99
11) Phenanthrene	7.80	178	154599	10.18808	ppb		99
12) Anthracene	7.86	178	144986	10.49218	ppb		99
14) Fluoranthene	9.17	202	242662	10.60717	ppb		98
16) Pyrene	9.43	202	244903	9.91819	ppb		99
17) Benz (a) anthracene	10.86	228	218547	9.97265	ppb		99
18) Chrysene	10.90	228	220049	9.62894	ppb		99
19) Indeno (1,2,3-cd) pyrene	14.75	276	217707	10.17274	ppb	#	82
21) Benzo (b) fluoranthene	12.58	252	204889	10.51578	ppb		96
22) Benzo (k) fluoranthene	12.63	252	221936	10.36564	ppb		99
23) Benzo (a) pyrene	13.15	252	195436	10.55507	ppb		99
24) Dibenz (a,h) anthracene	14.78	278	181638	10.56321	ppb		98
25) Benzo (g,h,i) perylene	15.10	276	190634	10.26223	ppb	#	90

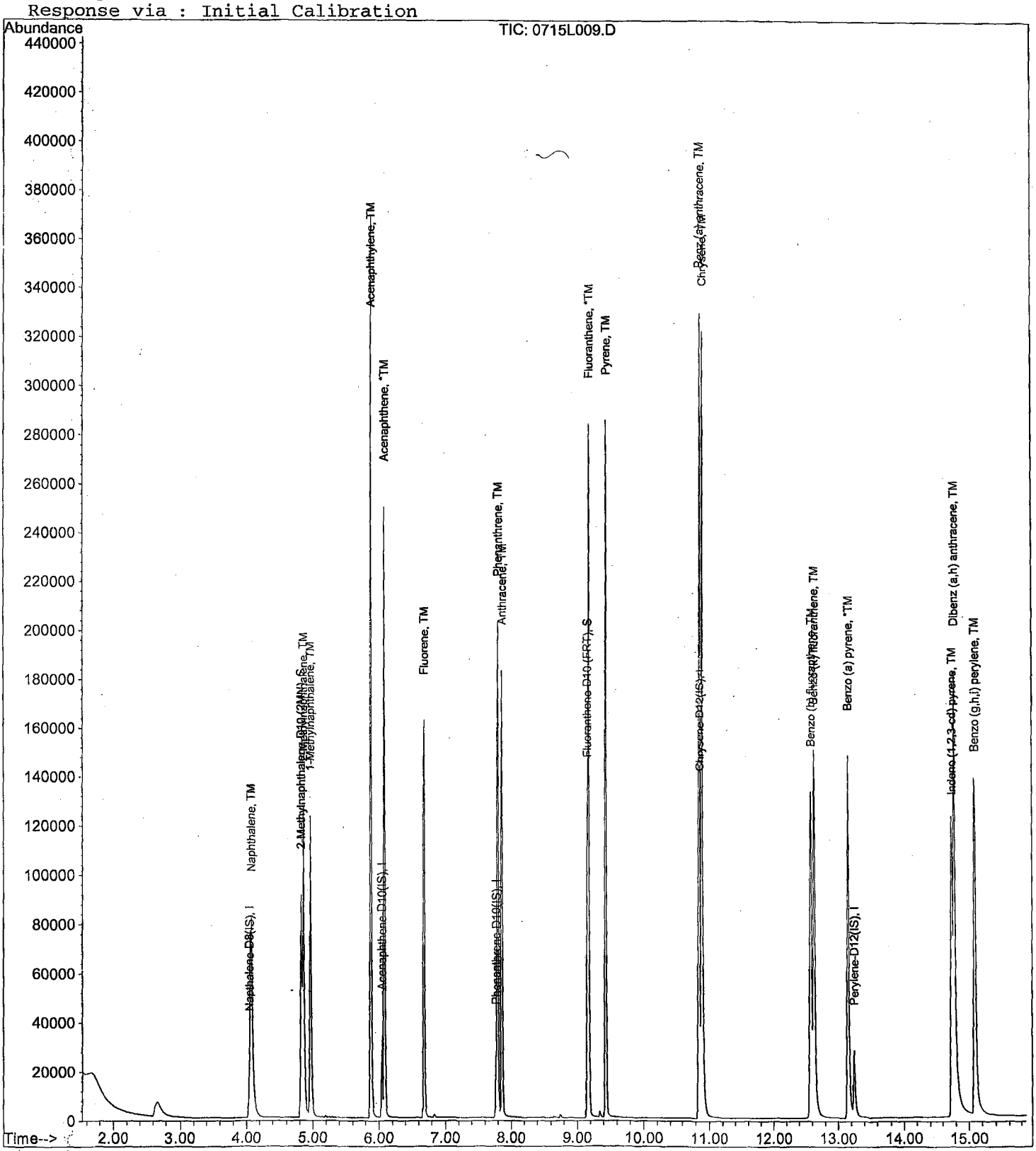
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\LINUS\DATA\L210715\0715L009.D Vial: 9
Acq On : 15 Jul 21 10:55 Operator: LS
Sample : 10 SIM 07/08/21 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Jul 15 12:01 2021 Quant Results File: L0715.RES

Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:59:44 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\LINUS\DATA\L210715\0715L010.D Vial: 10
Acq On : 15 Jul 21 11:17 Operator: LS
Sample : 50 SIM 07/08/21 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Jul 15 12:01 2021 Quant Results File: L0715.RES

Quant Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:59:44 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Napthalene-D8(IS)	4.05	136	36547	2.50000 ppb		0.00
6) Acenaphthene-D10(IS)	6.05	164	17383	2.50000 ppb		0.00
10) Phenanthrene-D10(IS)	7.77	188	29211	2.50000 ppb		0.01
15) Chrysene-D12(IS)	10.88	240	39425	2.50000 ppb		0.01
20) Perylene-D12(IS)	13.26	264	37524	2.50000 ppb		0.01
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.82	152	401356	23.23009 ppb		0.00
Spiked Amount 5.000			Recovery	= 464.600%		
13) Fluoranthene-D10 (FRT)	9.16	212	550772	24.51130 ppb		0.01
Spiked Amount 5.000			Recovery	= 490.220%		
Target Compounds						Qvalue
2) Naphthalene	4.07	128	813650	47.32519 ppb		99
4) 2-Methylnaphthalene	4.85	142	471771	46.67566 ppb		100
5) 1-Methylnaphthalene	4.96	142	467996	45.47282 ppb		99
7) Acenaphthylene	5.88	152	1524552	46.02460 ppb		100
8) Acenaphthene	6.08	154	373563	42.04744 ppb		95
9) Fluorene	6.69	166	476607	43.59728 ppb		97
11) Phenanthrene	7.80	178	668058	42.30991 ppb		97
12) Anthracene	7.86	178	626693	43.58499 ppb		98
14) Fluoranthene	9.18	202	1002621	42.11889 ppb		96
16) Pyrene	9.44	202	1057437	45.50211 ppb		97
17) Benz (a) anthracene	10.87	228	1026510	49.76999 ppb		98
18) Chrysene	10.92	228	940494	43.72743 ppb		98
19) Indeno (1,2,3-cd) pyrene	14.77	276	1057002	52.47832 ppb	#	97
21) Benzo (b) fluoranthene	12.61	252	1023928	53.31142 ppb		98
22) Benzo (k) fluoranthene	12.61	252	794214	37.63000 ppb		97
23) Benzo (a) pyrene	13.18	252	953842	52.25902 ppb		95
24) Dibenz (a,h) anthracene	14.81	278	837991	49.43750 ppb		97
25) Benzo (g,h,i) perylene	15.14	276	890985	48.65641 ppb	#	91

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

Quantitation Report

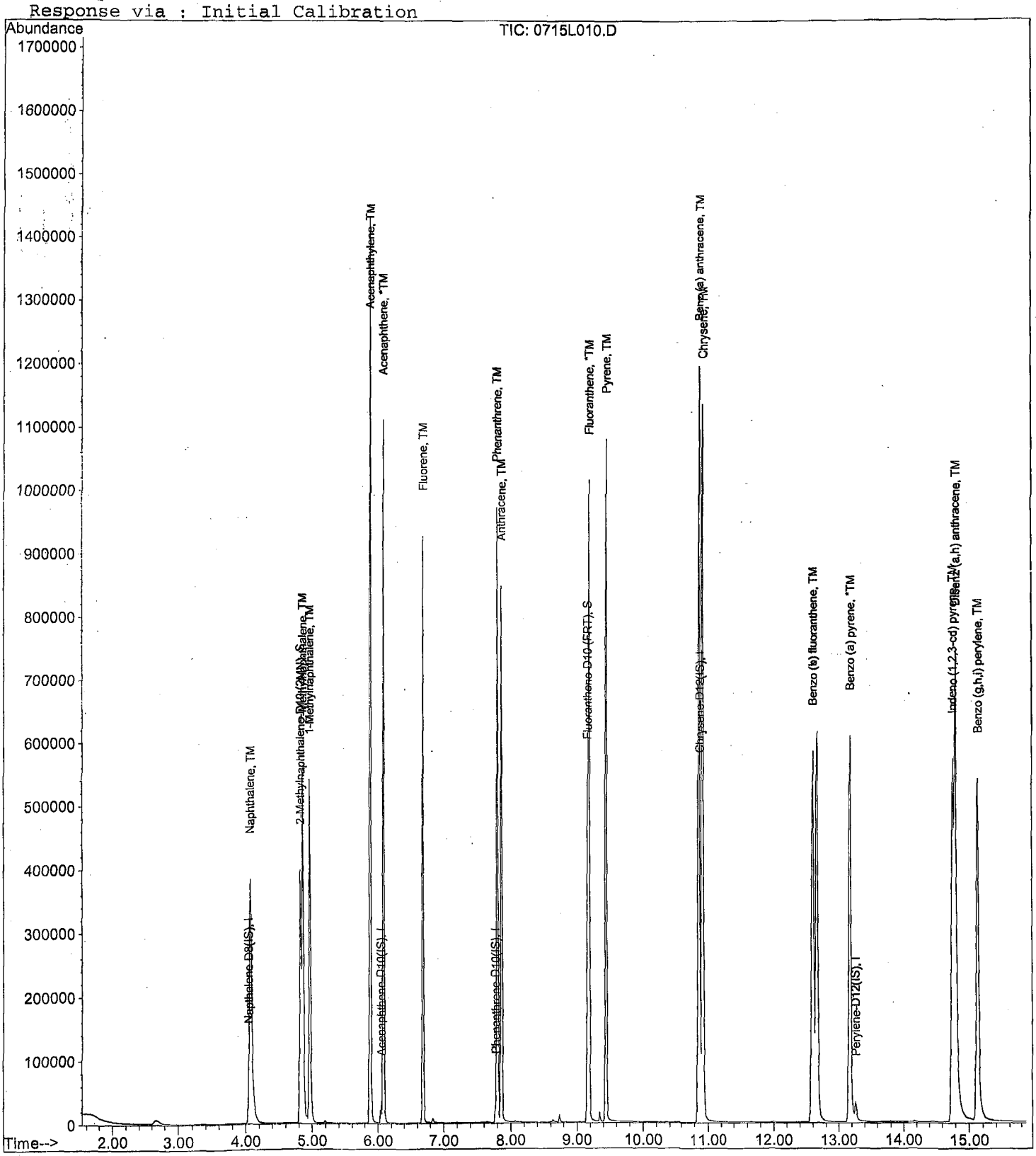
Data File : M:\LINUS\DATA\L210715\0715L010.D
Acq On : 15 Jul 21 11:17
Sample : 50 SIM 07/08/21
Misc :

Vial: 10
Operator: LS
Inst : Linus
Multiplr: 1.00

Quant Time: Jul 15 12:01 2021

Quant Results File: L0715.RES

Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:59:44 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\LINUS\DATA\L210715\0715L011.D Vial: 11
Acq On : 15 Jul 21 11:39 Operator: LS
Sample : 100 SIM 07/08/21 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Jul 15 11:57 2021 Quant Results File: L0715.RES

Quant Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:46:14 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Napthalene-D8(IS)	4.05	136	36883	2.50000	ppb		0.00
6) Acenaphthene-D10(IS)	6.05	164	18122	2.50000	ppb		0.00
10) Phenanthrene-D10(IS)	7.77	188	29730	2.50000	ppb		0.01
15) Chrysene-D12(IS)	10.89	240	37481	2.50000	ppb		0.02
20) Perylene-D12(IS)	13.27	264	36407	2.50000	ppb		0.02
System Monitoring Compounds							
3) 2-Methylnaphthalene-D10 (2	4.82	152	794559	45.52658	ppb		0.00
Spiked Amount 5.000			Recovery = 910.540%				
13) Fluoranthene-D10 (FRT)	9.16	212	997955	44.13325	ppb		0.01
Spiked Amount 5.000			Recovery = 882.660%				
Target Compounds							Qvalue
2) Naphthalene	4.07	128	1544178	89.58960	ppb		99
4) 2-Methylnaphthalene	4.85	142	826986	80.69037	ppb		99
5) 1-Methylnaphthalene	4.97	142	811288	77.77037	ppb		96
7) Acenaphthylene	5.89	152	2597584	75.02671	ppb		99
8) Acenaphthene	6.10	154	676149	72.52712	ppb		96
9) Fluorene	6.69	166	880169	76.71349	ppb		97
11) Phenanthrene	7.81	178	1121420	69.30355	ppb		97
12) Anthracene	7.87	178	1017515	68.86605	ppb		97
14) Fluoranthene	9.19	202	1672602	69.01829	ppb		99
16) Pyrene	9.45	202	1858619	84.00631	ppb		100
17) Benz (a) anthracene	10.88	228	1827248	93.64884	ppb		97
18) Chrysene	10.93	228	1547735	75.43253	ppb		97
19) Indeno (1,2,3-cd) pyrene	14.81	276	1896751	97.96829	ppb	#	90
21) Benzo (b) fluoranthene	12.63	252	1903776	101.37883	ppb		97
22) Benzo (k) fluoranthene	12.69	252	1720612m	83.19054	ppb		96
23) Benzo (a) pyrene	13.20	252	1680263	93.93694	ppb		98
24) Dibenz (a,h) anthracene	14.85	278	1516110	90.39323	ppb	#	91
25) Benzo (g,h,i) perylene	15.17	276	1618716	89.57454	ppb		98

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

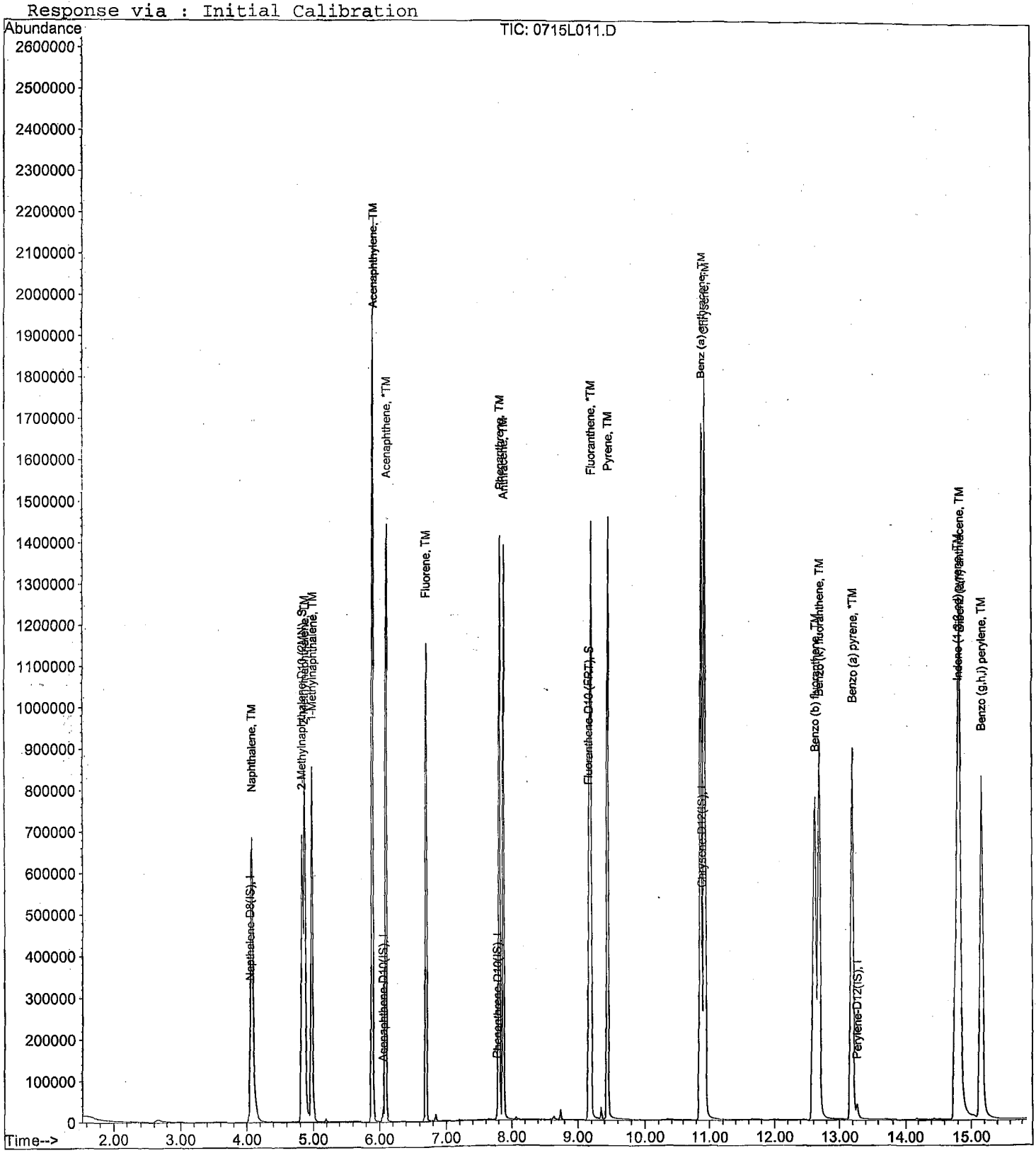
Quantitation Report

Data File : M:\LINUS\DATA\L210715\0715L011.D
Acq On : 15 Jul 21 11:39
Sample : 100 SIM 07/08/21
Misc :

Vial: 11
Operator: LS
Inst : Linus
Multiplr: 1.00

Quant Time: Jul 15 11:57 2021 Quant Results File: L0715.RES

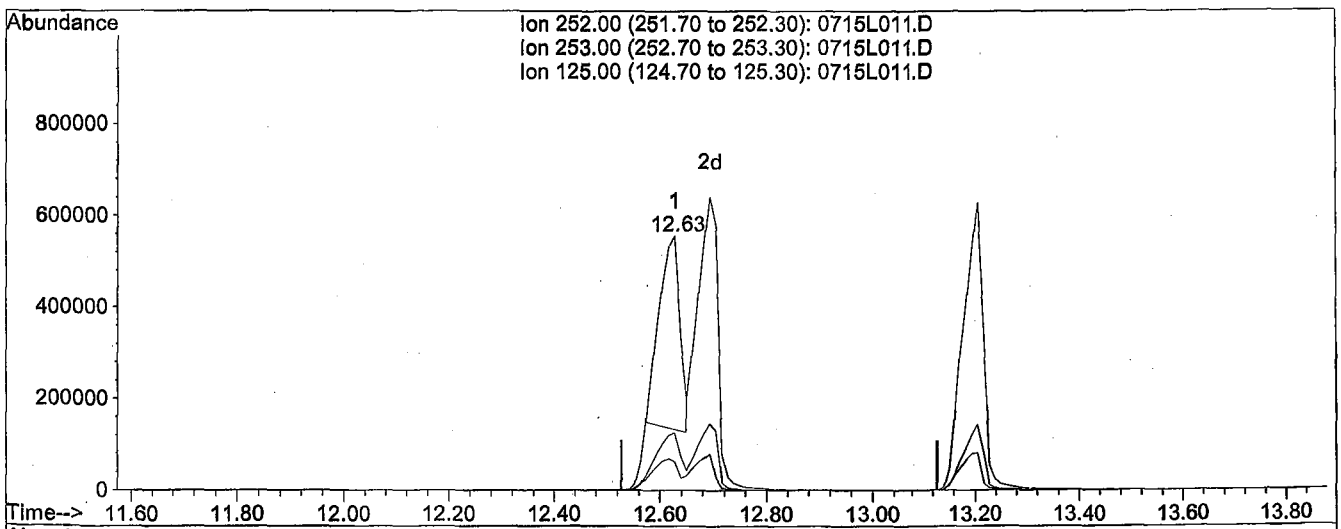
Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:59:44 2021
Response via : Initial Calibration

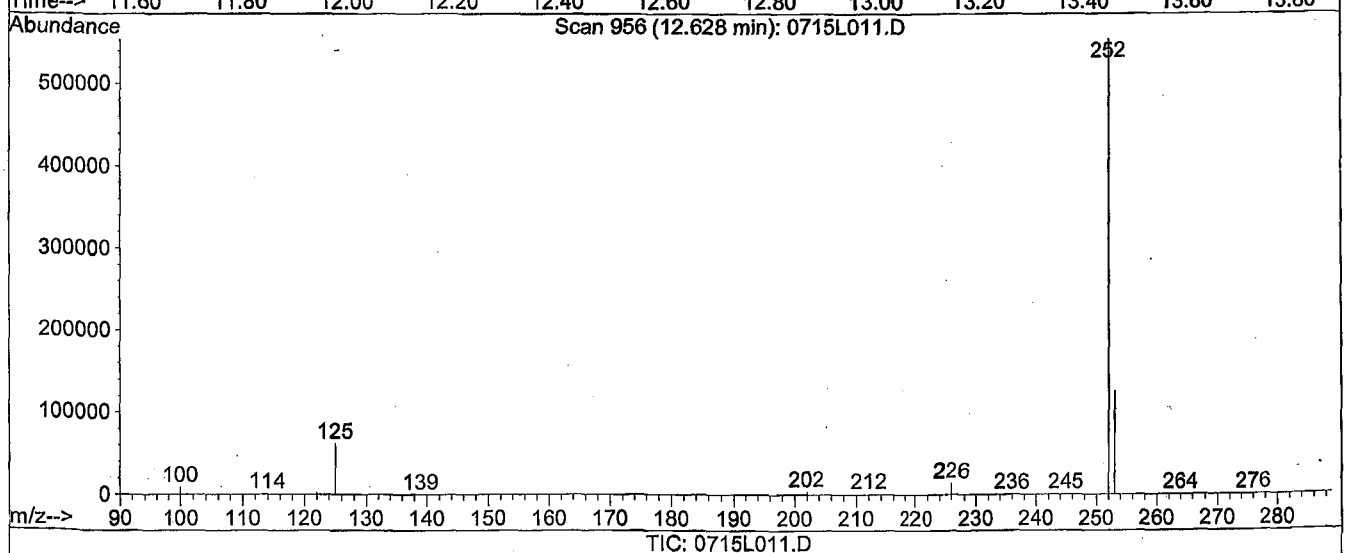


Quantitation Report

Data File : M:\LINUS\DATA\L210715\0715L011.D Vial: 11
Acq On : 15 Jul 21 11:39 Operator: LS
Sample : 100 SIM 07/08/21 Inst : Linus
Misc : Multiplr: 1.00
Quant Time: Jul 15 11:55 2021 Quant Results File: temp.res

Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:46:14 2021
Response via : Multiple Level Calibration





TIC: 0715L011.D

(22) Benzo (k) fluoranthene (TM)

12.63min 54.6037ppb

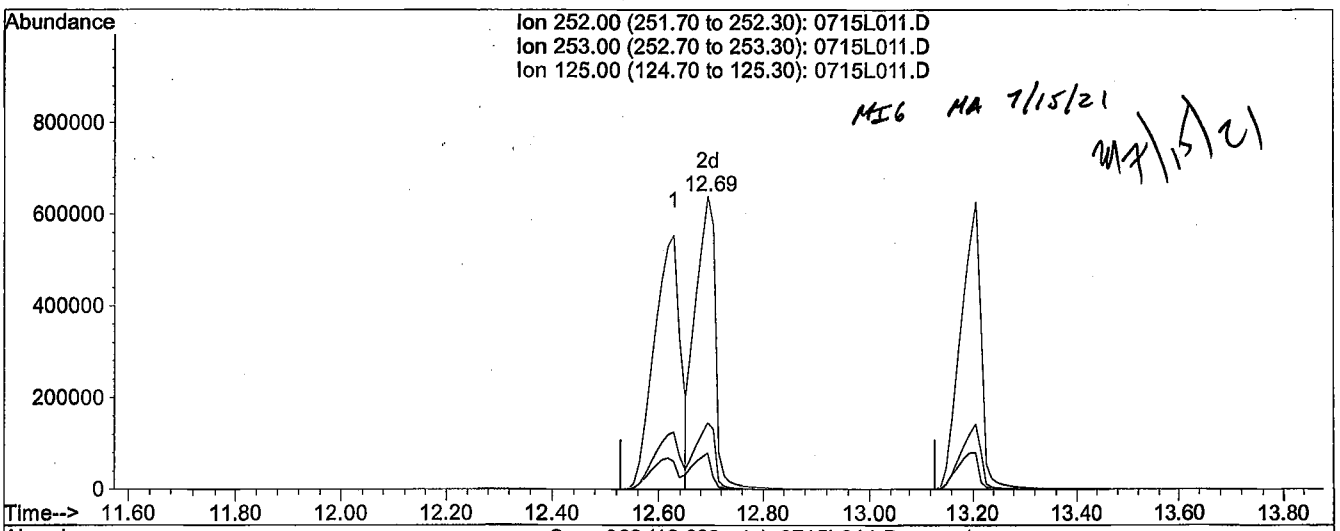
response 1129357

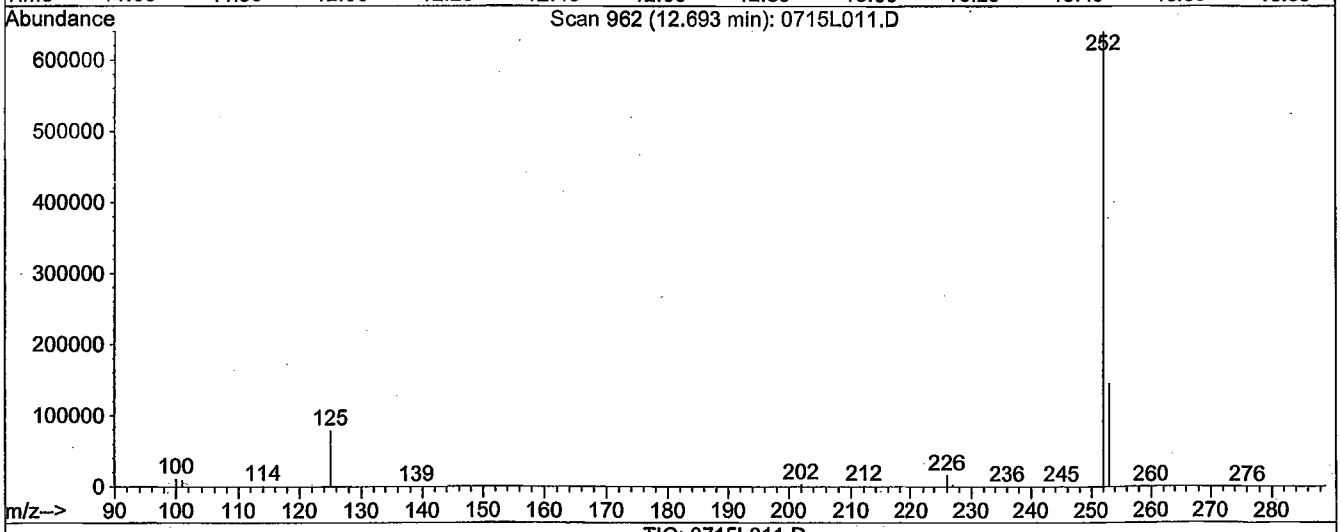
Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.01
125.00	11.60	9.12
0.00	0.00	0.00

Quantitation Report

Data File : M:\LINUS\DATA\L210715\0715L011.D Vial: 11
Acq On : 15 Jul 21 11:39 Operator: LS
Sample : 100 SIM 07/08/21 Inst : Linus
Misc : Multiplr: 1.00
Quant Time: Jul 15 11:57 2021 Quant Results File: temp.res

Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:46:14 2021
Response via : Multiple Level Calibration





TIC: 0715L011.D

(22) Benzo (k) fluoranthene (TM)

12.69min 83.1905ppb m

response 1720612

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.72
125.00	11.60	12.41
0.00	0.00	0.00

0715L011.D L0715.M Thu Jul 15 11:57:28 2021

PAH by GCMS SIM
EPA 8270 SIM

Form 7

Second Source Calibration

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

SDG No:
Date Analyzed: 07/15/21
Instrument: Linus
Initial Cal. Date: 07/15/21
Data File: 0715L012.D

		Compound	MEAN	CCRF	%D		%Drift
1	TM	Naphthalene	1.176	1.134	3.6	TM	
2	TM	2-Methylnaphthalene	0.6914	0.6741	2.5	TM	
3	TM	1-Methylnaphthalene	0.7040	0.6729	4.4	TM	
4	TM	Acenaphthylene	4.764	4.857	1.9	TM	
5	*TM	Acenaphthene	1.278	1.247	2.4	*TM	
6	TM	Fluorene	1.572	1.574	0.12	TM	
7	TM	Phenanthrene	1.351	1.313	2.8	TM	
8	TM	Anthracene	1.231	1.319	7.2	TM	
9	*TM	Fluoranthene	2.037	2.089	2.5	*TM	
10	TM	Pyrene	1.474	1.455	1.3	TM	
11	TM	Benz (a) anthracene	1.308	1.270	2.9	TM	
12	TM	Chrysene	1.364	1.261	7.5	TM	
13	TM	Indeno (1,2,3-cd) pyrene	1.277	1.265	0.97	TM	
14	TM	Benzo (b) fluoranthene	1.280	1.335	4.3	TM	
15	TM	Benzo (k) fluoranthene	1.406	1.404	0.14	TM	
16	*TM	Benzo (a) pyrene	1.216	1.304	7.2	*TM	
17	TM	Dibenz (a,h) anthracene	1.129	1.171	3.7	TM	
18	TM	Benzo (g,h,i) perylene	1.220	1.228	0.64	TM	
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
		Average			3.1		

PAH by GCMS SIM
EPA 8270 SIM

Quantitation Report (Not Reviewed)

Data File : M:\LINUS\DATA\L210715\0715L012.D Vial: 12
Acq On : 15 Jul 21 12:01 Operator: LS
Sample : SS SIM 07/08/21 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Jul 15 12:31 2021 Quant Results File: L0715.RES

Quant Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:59:44 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Napthalene-D8(IS)	4.05	136	37378	2.500	ppb	0.00
6) Acenaphthene-D10(IS)	6.05	164	17835	2.500	ppb	0.00
10) Phenanthrene-D10(IS)	7.76	188	29548	2.500	ppb	0.00
15) Chrysene-D12(IS)	10.87	240	43782	2.500	ppb	0.00
20) Perylene-D12(IS)	13.25	264	38667	2.500	ppb	0.00
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.82	152	17	0.001	ppb	0.00
Spiked Amount 5.000			Recovery =	0.020%		
13) Fluoranthene-D10 (FRT)	9.15	212	215	0.009	ppb	0.00
Spiked Amount 5.000			Recovery =	0.180%		
Target Compounds						Qvalue
2) Naphthalene	4.07	128	84756	4.820	ppb	99
4) 2-Methylnaphthalene	4.85	142	50390	4.875	ppb	99
5) 1-Methylnaphthalene	4.96	142	50302	4.779	ppb	100
7) Acenaphthylene	5.88	152	173233	5.097	ppb	100
8) Acenaphthene	6.08	154	44498	4.882	ppb	100
9) Fluorene	6.69	166	56146	5.006	ppb	98
11) Phenanthrene	7.80	178	77621	4.860	ppb	99
12) Anthracene	7.86	178	77939	5.359	ppb	100
14) Fluoranthene	9.17	202	123463	5.127	ppb	100
16) Pyrene	9.43	202	127364	4.935	ppb	98
17) Benz (a) anthracene	10.86	228	111240	4.857	ppb	99
18) Chrysene	10.90	228	110421	4.623	ppb	100
19) Indeno (1,2,3-cd) pyrene	14.74	276	110758	4.952	ppb	97
21) Benzo (b) fluoranthene	12.57	252	103205	5.215	ppb	99
22) Benzo (k) fluoranthene	12.63	252	108595	4.993	ppb	99
23) Benzo (a) pyrene	13.15	252	100824	5.361	ppb	99
24) Dibenz (a,h) anthracene	14.78	278	90571	5.185	ppb	99
25) Benzo (g,h,i) perylene	15.08	276	94948	5.032	ppb	98

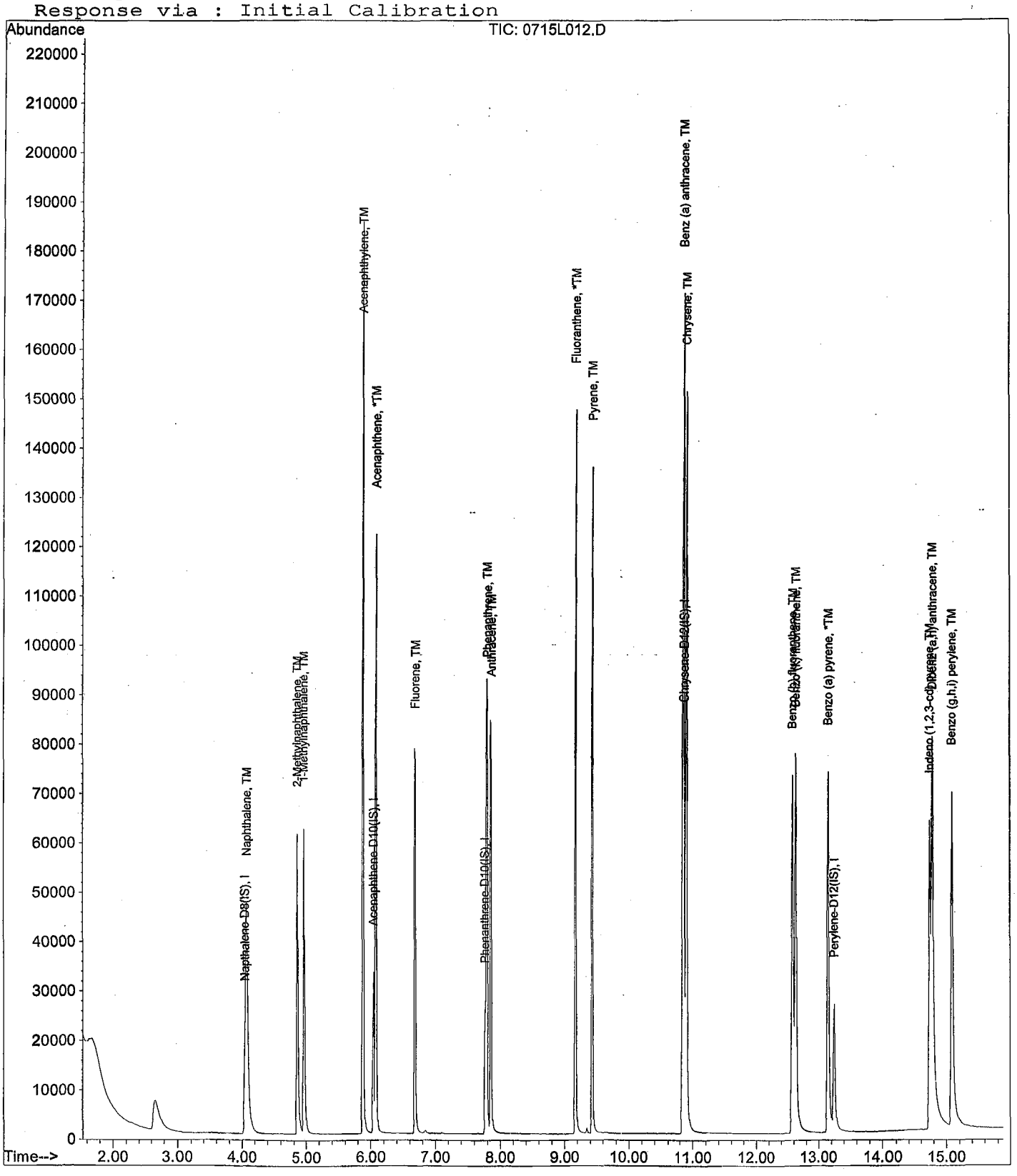
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\LINUS\DATA\L210715\0715L012.D Vial: 12
Acq On : 15 Jul 21 12:01 Operator: LS
Sample : SS SIM 07/08/21 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Jul 15 12:31 2021 Quant Results File: L0715.RES

Method : M:\LINUS\DATA\L210715\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Thu Jul 15 11:59:44 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: 8/25/2021
Instrument: Linus
Initial Cal. Date: 7/15/2021
Data File: 0809L214.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Napthalene-D8(IS)	ISTD			I	
2	TM	Naphthalene	1.176	1.144	2.7	TM	
3	S	2-Methylnaphthalene-D10 (2MN)	1.182	1.237	4.7	S	
4	TM	2-Methylnaphthalene	0.6914	0.6899	0.22	TM	
5	TM	1-Methylnaphthalene	0.7040	0.6963	1.1	TM	
6	I	Acenaphthene-D10(IS)	ISTD			I	
7	TM	Acenaphthylene	4.764	5.052	6.0	TM	
8	*TM	Acenaphthene	1.278	1.267	0.82	*TM	
9	TM	Fluorene	1.572	1.582	0.64	TM	
10	I	Phenanthrene-D10(IS)	ISTD			I	
11	TM	Phenanthrene	1.351	1.337	1.1	TM	
12	TM	Anthracene	1.231	1.288	4.7	TM	
13	S	Fluoranthene-D10 (FRT)	1.923	2.193	14	S	
14	*TM	Fluoranthene	2.037	2.278	12	*TM	
15	I	Chrysene-D12(IS)	ISTD			I	
16	TM	Pyrene	1.474	1.538	4.4	TM	
17	TM	Benz (a) anthracene	1.308	1.219	6.8	TM	
18	TM	Chrysene	1.364	1.355	0.63	TM	
19	TM	Indeno (1,2,3-cd) pyrene	1.277	1.090	15	TM	
20	I	Perylene-D12(IS)	ISTD			I	
21	TM	Benzo (b) fluoranthene	1.280	1.163	9.1	TM	
22	TM	Benzo (k) fluoranthene	1.406	1.629	16	TM	
23	*TM	Benzo (a) pyrene	1.216	1.238	1.8	*TM	
24	TM	Dibenz (a,h) anthracene	1.129	1.050	7.0	TM	
25	TM	Benzo (g,h,i) perylene	1.220	1.146	6.1	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:\LINUS\DATA\L210809\0809L214.D Vial: 14
Acq On : 25 Aug 21 12:33 Operator: LS
Sample : 5 SIM 07/08/21 (2) Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Aug 25 13:17 2021 Quant Results File: L0715.RES

Quant Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	4.01	136	43210	2.50000 ppb	-0.04
6) Acenaphthene-D10(IS)	6.01	164	20302	2.50000 ppb	-0.04
10) Phenanthrene-D10(IS)	7.73	188	32946	2.50000 ppb	-0.04
15) Chrysene-D12(IS)	10.81	240	49989	2.50000 ppb	-0.05
20) Perylene-D12(IS)	13.17	264	42420	2.50000 ppb	-0.08
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.78	152	53472	2.61767 ppb	-0.04
Spiked Amount 5.000			Recovery =	52.360%	
13) Fluoranthene-D10 (FRT)	9.11	212	72262	2.85133 ppb	-0.04
Spiked Amount 5.000			Recovery =	57.020%	
Target Compounds					Qvalue
2) Naphthalene	4.03	128	98845	4.86269 ppb	100
4) 2-Methylnaphthalene	4.82	142	59619	4.98898 ppb	98
5) 1-Methylnaphthalene	4.93	142	60177	4.94547 ppb	97
7) Acenaphthylene	5.84	152	205117	5.30195 ppb	99
8) Acenaphthene	6.05	154	51455	4.95894 ppb	97
9) Fluorene	6.65	166	64246	5.03189 ppb	100
11) Phenanthrene	7.75	178	88101	4.94712 ppb	97
12) Anthracene	7.81	178	84885	5.23428 ppb	97
14) Fluoranthene	9.13	202	150115	5.59124 ppb	98
16) Pyrene	9.39	202	153814	5.22000 ppb	96
17) Benz (a) anthracene	10.80	228	121881	4.66055 ppb	99
18) Chrysene	10.85	228	135495	4.96842 ppb	100
19) Indeno (1,2,3-cd) pyrene	14.67	276	108983	4.26737 ppb #	89
21) Benzo (b) fluoranthene	12.49	252	98706	4.54604 ppb	99
22) Benzo (k) fluoranthene	12.54	252	138243	5.79400 ppb	99
23) Benzo (a) pyrene	13.07	252	104994	5.08848 ppb	99
24) Dibenz (a,h) anthracene	14.70	278	89091	4.64932 ppb	99
25) Benzo (g,h,i) perylene	15.01	276	97240	4.69735 ppb	94

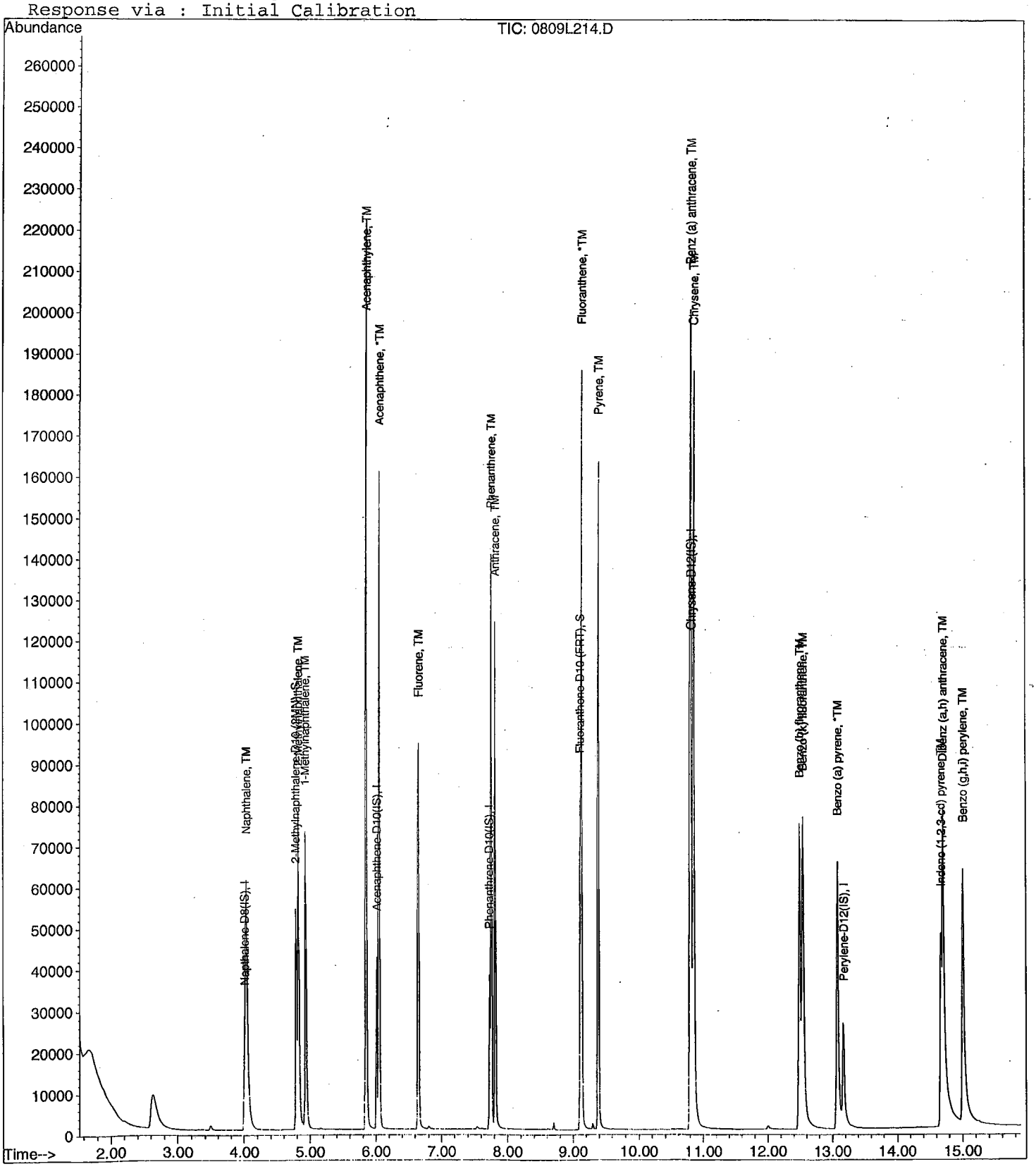
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\LINUS\DATA\L210809\0809L214.D Vial: 14
Acq On : 25 Aug 21 12:33 Operator: LS
Sample : 5 SIM 07/08/21 (2) Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Aug 25 13:17 2021 Quant Results File: L0715.RES

Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 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: 8/27/2021
Instrument: Linus
Initial Cal. Date: 7/15/2021
Data File: 0809L218.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Napthalene-D8(IS)	ISTD			I	
2	TM	Naphthalene	1.176	1.143	2.8	TM	
3	S	2-Methylnaphthalene-D10 (2MN)	1.182	1.230	4.1	S	
4	TM	2-Methylnaphthalene	0.6914	0.6911	0.05	TM	
5	TM	1-Methylnaphthalene	0.7040	0.6891	2.1	TM	
6	I	Acenaphthene-D10(IS)	ISTD			I	
7	TM	Acenaphthylene	4.764	4.923	3.3	TM	
8	*TM	Acenaphthene	1.278	1.234	3.5	*TM	
9	TM	Fluorene	1.572	1.544	1.8	TM	
10	I	Phenanthrene-D10(IS)	ISTD			I	
11	TM	Phenanthrene	1.351	1.320	2.3	TM	
12	TM	Anthracene	1.231	1.269	3.1	TM	
13	S	Fluoranthene-D10 (FRT)	1.923	2.187	14	S	
14	*TM	Fluoranthene	2.037	2.196	7.8	*TM	
15	I	Chrysene-D12(IS)	ISTD			I	
16	TM	Pyrene	1.474	1.521	3.2	TM	
17	TM	Benz (a) anthracene	1.308	1.264	3.3	TM	
18	TM	Chrysene	1.364	1.355	0.63	TM	
19	TM	Indeno (1,2,3-cd) pyrene	1.277	1.230	3.7	TM	
20	I	Perylene-D12(IS)	ISTD			I	
21	TM	Benzo (b) fluoranthene	1.280	1.274	0.41	TM	
22	TM	Benzo (k) fluoranthene	1.406	1.467	4.3	TM	
23	*TM	Benzo (a) pyrene	1.216	1.253	3.0	*TM	
24	TM	Dibenz (a,h) anthracene	1.129	1.125	0.41	TM	
25	TM	Benzo (g,h,i) perylene	1.220	1.186	2.8	TM	
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
		Average			3.3		

Quantitation Report (Not Reviewed)

Data File : M:\LINUS\DATA\L210809\0809L218.D Vial: 18
Acq On : 27 Aug 21 11:07 Operator: LS
Sample : 5 SIM 07/08/21 (2) Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Aug 27 11:26 2021 Quant Results File: L0715.RES

Quant Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Napthalene-D8(IS)	4.01	136	57540	2.50000	ppb		-0.04
6) Acenaphthene-D10(IS)	6.01	164	27083	2.50000	ppb		-0.04
10) Phenanthrene-D10(IS)	7.73	188	43826	2.50000	ppb		-0.04
15) Chrysene-D12(IS)	10.81	240	64936	2.50000	ppb		-0.05
20) Perylene-D12(IS)	13.17	264	59061	2.50000	ppb		-0.08
System Monitoring Compounds							
3) 2-Methylnaphthalene-D10 (2	4.78	152	70770	2.60167	ppb		-0.04
Spiked Amount 5.000			Recovery = 52.040%				
13) Fluoranthene-D10 (FRT)	9.11	212	95845	2.84301	ppb		-0.04
Spiked Amount 5.000			Recovery = 56.860%				
Target Compounds							Qvalue
2) Naphthalene	4.03	128	131517	4.85868	ppb		100
4) 2-Methylnaphthalene	4.82	142	79526	4.99747	ppb		99
5) 1-Methylnaphthalene	4.93	142	79304	4.89426	ppb		98
7) Acenaphthylene	5.84	152	266647	5.16669	ppb		100
8) Acenaphthene	6.05	154	66814	4.82693	ppb		96
9) Fluorene	6.65	166	83631	4.91014	ppb		100
11) Phenanthrene	7.75	178	115741	4.88573	ppb		97
12) Anthracene	7.81	178	111248	5.15690	ppb		97
14) Fluoranthene	9.13	202	192491	5.38971	ppb		98
16) Pyrene	9.39	202	197485	5.15938	ppb		98
17) Benz (a) anthracene	10.80	228	164201	4.83355	ppb		98
18) Chrysene	10.85	228	176003	4.96826	ppb		98
19) Indeno (1,2,3-cd) pyrene	14.67	276	159757	4.81560	ppb		93
21) Benzo (b) fluoranthene	12.50	252	150535	4.97962	ppb	#	96
22) Benzo (k) fluoranthene	12.54	252	173229	5.21466	ppb		98
23) Benzo (a) pyrene	13.07	252	147975	5.15088	ppb		99
24) Dibenz (a,h) anthracene	14.70	278	132847	4.97940	ppb	#	93
25) Benzo (g,h,i) perylene	15.01	276	140129	4.86190	ppb		100

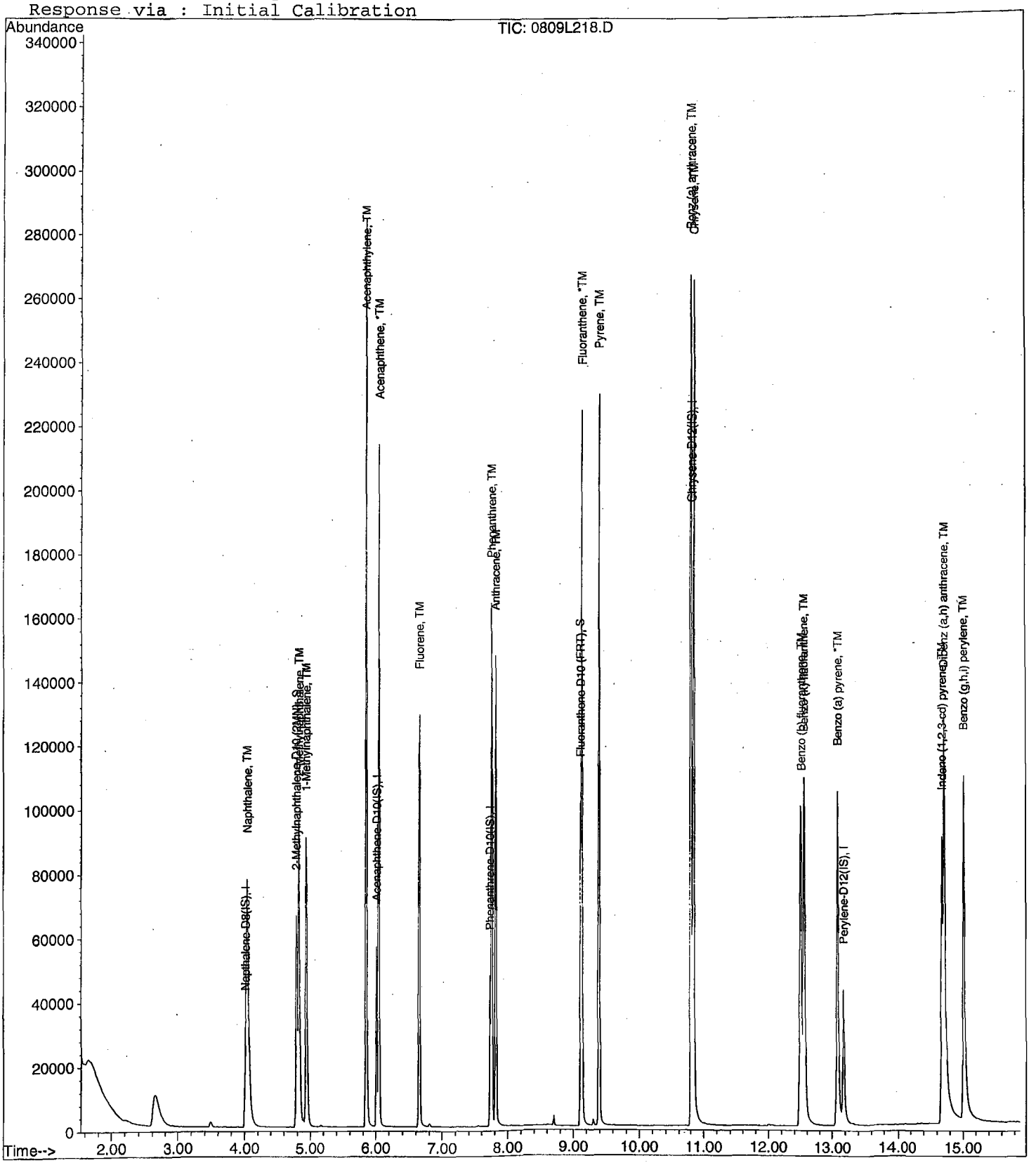
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\LINUS\DATA\L210809\0809L218.D Vial: 18
Acq On : 27 Aug 21 11:07 Operator: LS
Sample : 5 SIM 07/08/21 (2) Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Aug 27 11:26 2021 Quant Results File: L0715.RES

Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 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: 8/27/2021
Instrument: Linus
Initial Cal. Date: 7/15/2021
Data File: 0809L227.D

		Compound	MEAN	CCRF	%D	%Drift	
1	I	Napthalene-D8(IS)	ISTD			I	
2	TM	Naphthalene	1.176	1.199	2.0	TM	
3	S	2-Methylnaphthalene-D10 (2MN)	1.182	1.189	0.62	S	
4	TM	2-Methylnaphthalene	0.6914	0.7313	5.8	TM	
5	TM	1-Methylnaphthalene	0.7040	0.7253	3.0	TM	
6	I	Acenaphthene-D10(IS)	ISTD			I	
7	TM	Acenaphthylene	4.764	5.197	9.1	TM	
8	*TM	Acenaphthene	1.278	1.301	1.8	*TM	
9	TM	Fluorene	1.572	1.666	6.0	TM	
10	I	Phenanthrene-D10(IS)	ISTD			I	
11	TM	Phenanthrene	1.351	1.470	8.8	TM	
12	TM	Anthracene	1.231	1.381	12	TM	
13	S	Fluoranthene-D10 (FRT)	1.923	2.227	16	S	
14	*TM	Fluoranthene	2.037	2.435	20	*TM	
15	I	Chrysene-D12(IS)	ISTD			I	
16	TM	Pyrene	1.474	1.583	7.4	TM	
17	TM	Benz (a) anthracene	1.308	1.420	8.5	TM	
18	TM	Chrysene	1.364	1.370	0.42	TM	
19	TM	Indeno (1,2,3-cd) pyrene	1.277	1.293	1.3	TM	
20	I	Perylene-D12(IS)	ISTD			I	
21	TM	Benzo (b) fluoranthene	1.280	1.434	12	TM	
22	TM	Benzo (k) fluoranthene	1.406	1.494	6.2	TM	
23	*TM	Benzo (a) pyrene	1.216	1.345	11	*TM	
24	TM	Dibenz (a,h) anthracene	1.129	1.177	4.2	TM	
25	TM	Benzo (g,h,i) perylene	1.220	1.234	1.1	TM	
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
		Average			6.9		

Quantitation Report (Not Reviewed)

Data File : M:\LINUS\DATA\L210809\0809L227.D Vial: 27
Acq On : 27 Aug 21 15:08 Operator: LS
Sample : 5 SIM 07/08/21 (4) Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Aug 27 15:31 2021 Quant Results File: L0715.RES

Quant Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Napthalene-D8(IS)	4.02	136	54705	2.50000 ppb		-0.02
6) Acenaphthene-D10(IS)	6.01	164	25614	2.50000 ppb		-0.04
10) Phenanthrene-D10(IS)	7.74	188	40165	2.50000 ppb		-0.02
15) Chrysene-D12(IS)	10.82	240	62263	2.50000 ppb		-0.04
20) Perylene-D12(IS)	13.18	264	56212	2.50000 ppb		-0.07
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.79	152	65055	2.51551 ppb		-0.02
Spiked Amount 5.000			Recovery	= 50.320%		
13) Fluoranthene-D10 (FRT)	9.12	212	89447	2.89507 ppb		-0.03
Spiked Amount 5.000			Recovery	= 57.900%		
Target Compounds						Qvalue
2) Naphthalene	4.03	128	131213	5.09866 ppb		100
4) 2-Methylnaphthalene	4.83	142	80016	5.28884 ppb		97
5) 1-Methylnaphthalene	4.94	142	79353	5.15107 ppb		97
7) Acenaphthylene	5.84	152	266229	5.45444 ppb		99
8) Acenaphthene	6.05	154	66626	5.08940 ppb		93
9) Fluorene	6.65	166	85351	5.29852 ppb		99
11) Phenanthrene	7.76	178	118052	5.43751 ppb		100
12) Anthracene	7.82	178	110916	5.61016 ppb		99
14) Fluoranthene	9.14	202	195610	5.97626 ppb	#	91
16) Pyrene	9.39	202	197122	5.37098 ppb	#	91
17) Benz (a) anthracene	10.81	228	176774	5.42706 ppb		99
18) Chrysene	10.86	228	170554	5.02113 ppb		98
19) Indeno (1,2,3-cd) pyrene	14.68	276	161047	5.06289 ppb		85
21) Benzo (b) fluoranthene	12.50	252	161166	5.60150 ppb		99
22) Benzo (k) fluoranthene	12.55	252	167948	5.31192 ppb		100
23) Benzo (a) pyrene	13.08	252	151224	5.53077 ppb		98
24) Dibenz (a,h) anthracene	14.71	278	132331	5.21145 ppb		99
25) Benzo (g,h,i) perylene	15.02	276	138724	5.05710 ppb		94

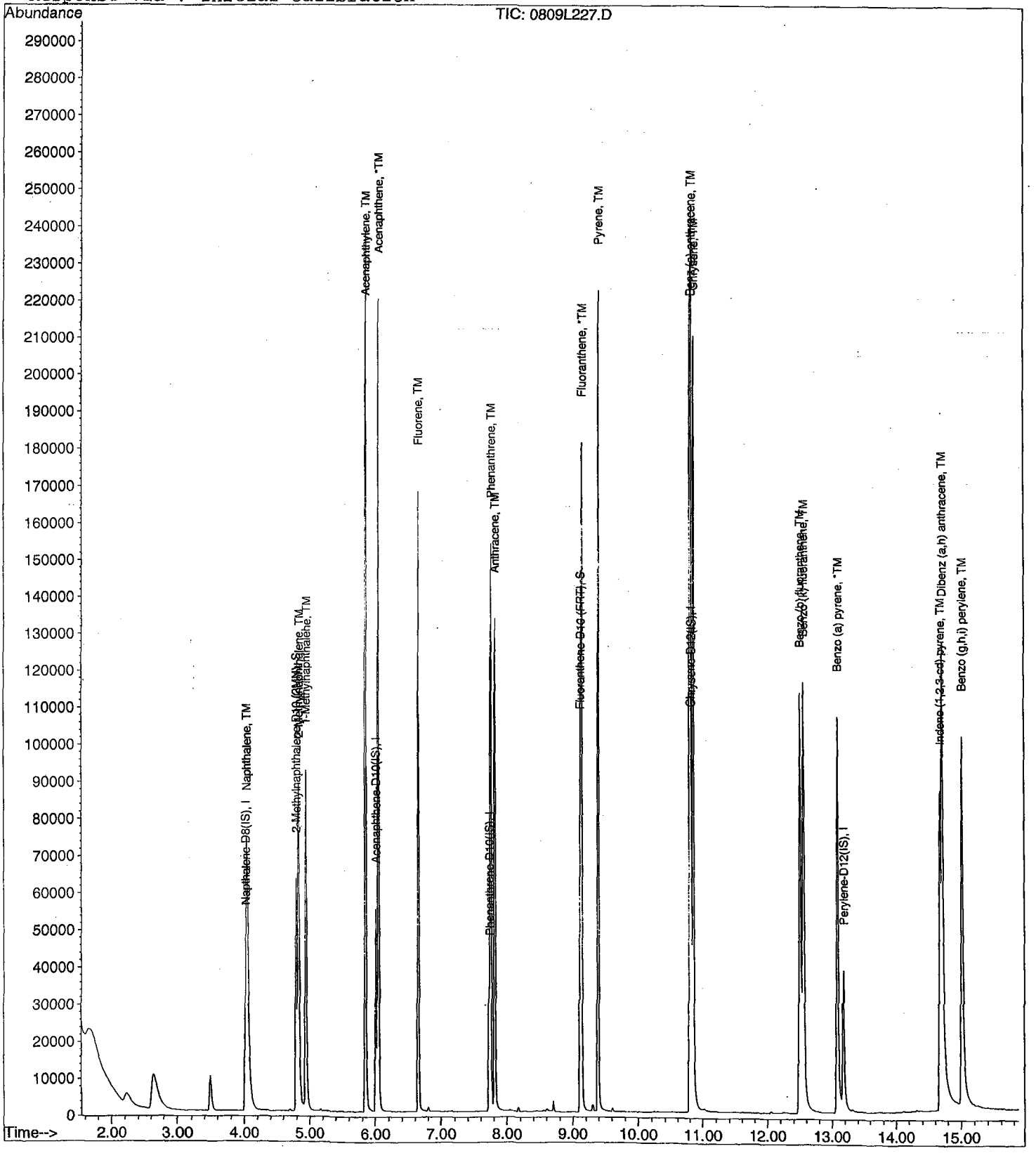
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\LINUS\DATA\L210809\0809L227.D Vial: 27
Acq On : 27 Aug 21 15:08 Operator: LS
Sample : 5 SIM 07/08/21 (4) Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Aug 27 15:31 2021 Quant Results File: L0715.RES

Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 2021
Response via : Initial Calibration



ORGANICS

Raw Data

Quantitation Report (QT Reviewed)

Data File : M:\LINUS\DATA\L210809\0809L222.D Vial: 22
Acq On : 27 Aug 21 12:40 Operator: LS
Sample : BA38281W05 1/850 Inst : Linus
Misc : Multiplr: 1.18

Quant Time: Aug 27 14:15 2021 Quant Results File: L0715.RES

Quant Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Napthalene-D8(IS)	4.02	136	32102	2.50	ppb	-0.02
6) Acenaphthene-D10(IS)	6.01	164	11664	2.50	ppb	-0.04
10) Phenanthrene-D10(IS)	7.73	188	25210	2.50	ppb	-0.04
15) Chrysene-D12(IS)	10.81	240	36761	2.50	ppb	-0.05
20) Perylene-D12(IS)	13.18	264	1526	2.50	ppb	-0.07
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.79	152	64131	4.97	ppb	-0.02
Spiked Amount 5.882			Recovery = 84.524%			
13) Fluoranthene-D10 (FRT)	9.11	212	86473	5.25	ppb	-0.04
Spiked Amount 5.882			Recovery = 89.182%			
Target Compounds						Qvalue
4) 2-Methylnaphthalene	4.83	142	675	0.09	ppb	97
5) 1-Methylnaphthalene	4.94	142	1481	0.19	ppb	98

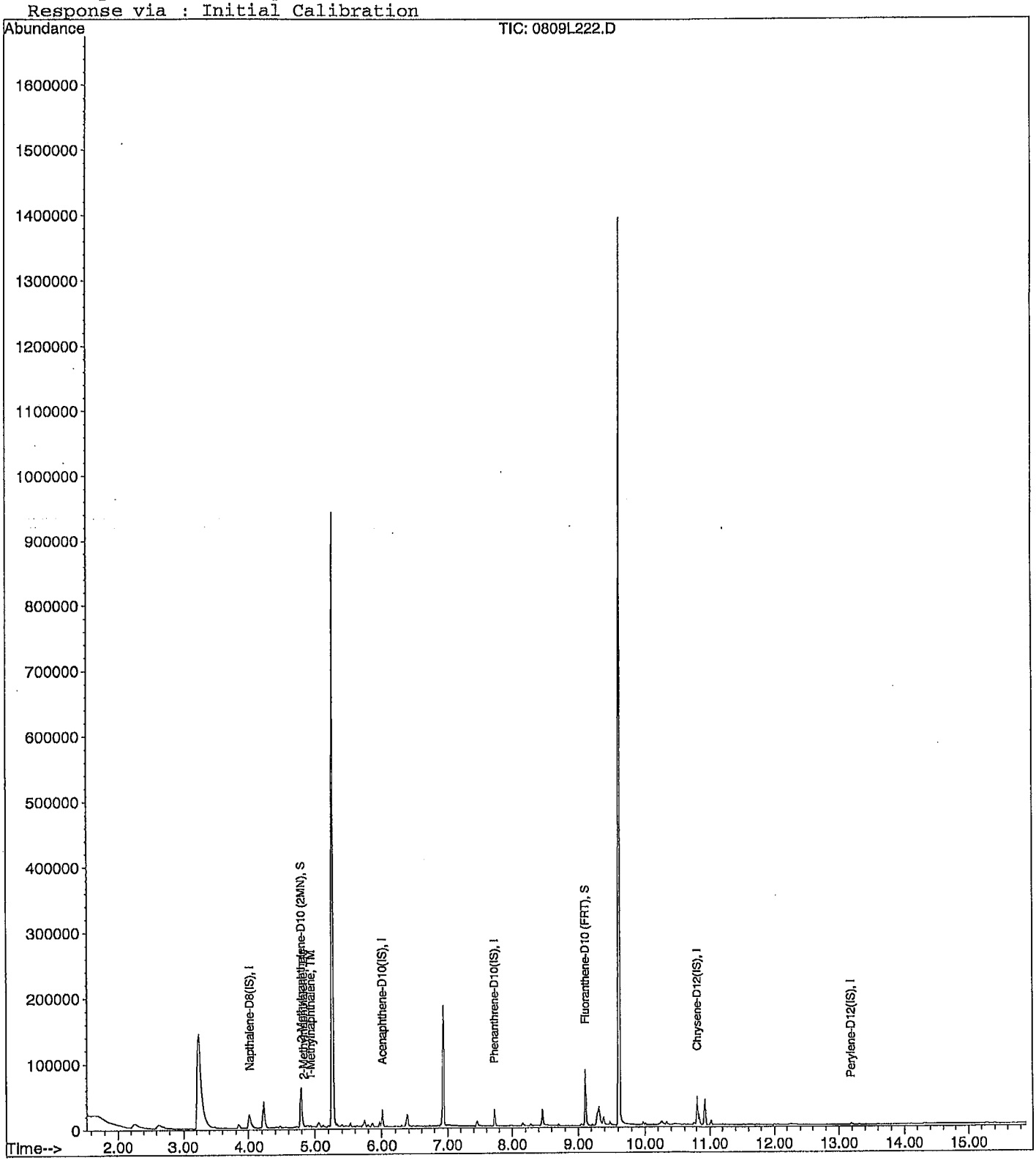
(#) = qualifier out of range (m) = manual integration
0809L222.D L0715.M Tue Oct 05 13:04:44 2021

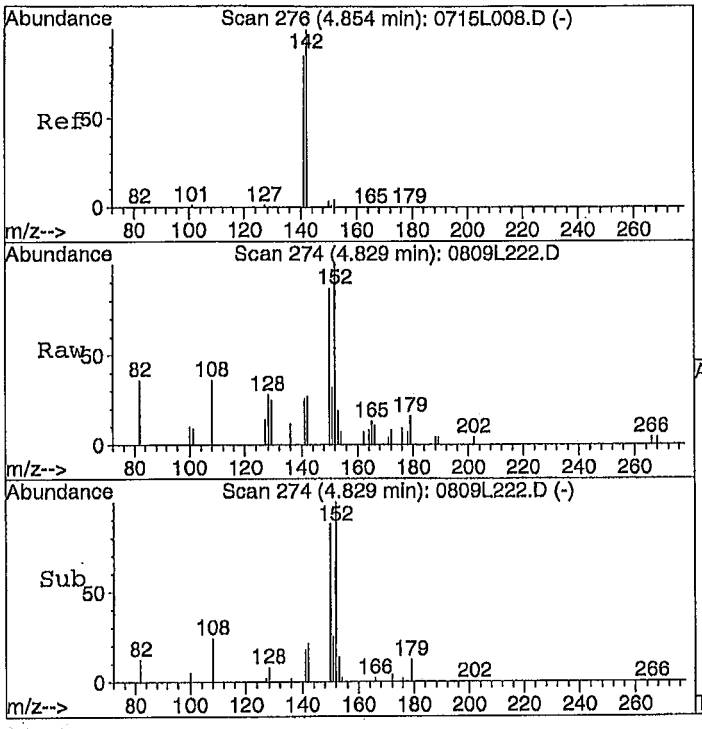
Quantitation Report

Data File : M:\LINUS\DATA\L210809\0809L222.D Vial: 22
Acq On : 27 Aug 21 12:40 Operator: LS
Sample : BA38281W05 1/850 Inst : Linus
Misc : Multiplr: 1.18

Quant Time: Aug 27 14:15 2021 Quant Results File: L0715.RES

Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 2021
Response via : Initial Calibration

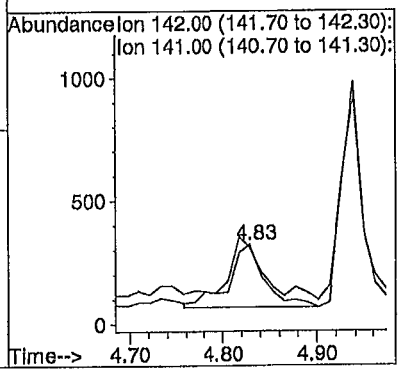


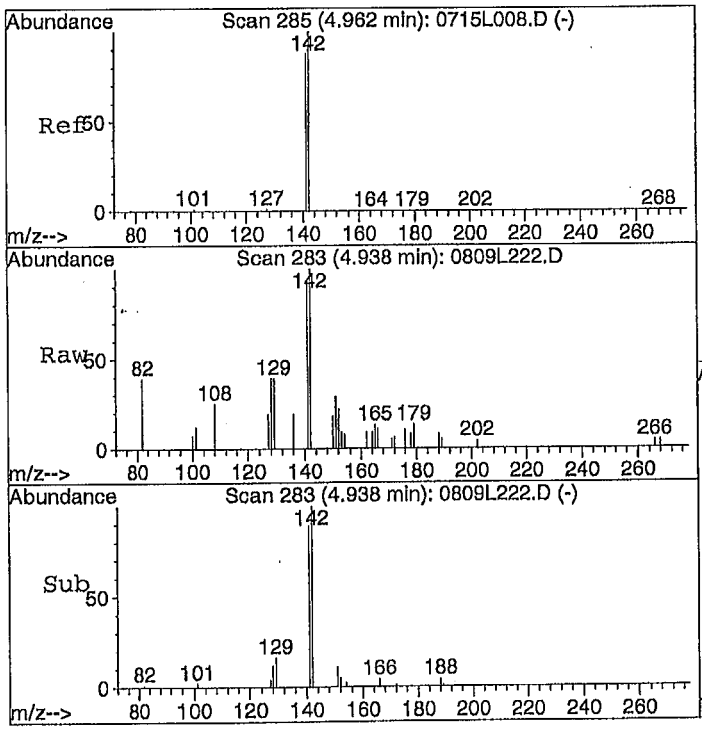


#4
2-Methylnaphthalene
Concen: 0.09 ppb
RT: 4.83 min Scan# 274
Delta R.T. -0.02 min
Lab File: 0809L222.D
Acq: 27 Aug 21 12:40

Tgt Ion:142 Resp: 675

Ion	Ratio	Lower	Upper
142	100		
141	83.1	59.9	111.2

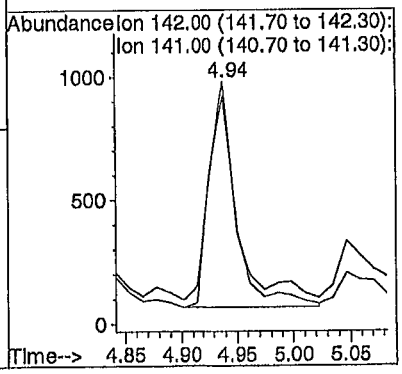




#5
1-Methylnaphthalene
Concen: 0.19 ppb
RT: 4.94 min Scan# 283
Delta R.T. -0.02 min
Lab File: 0809L222.D
Acq: 27 Aug 21 12:40

Tgt Ion:142 Resp: 1481

Ion	Ratio	Lower	Upper
142	100		
141	90.0	61.7	114.5



Quantitation Report (QT Reviewed)

Data File : M:\LINUS\DATA\L210809\0809L223.D Vial: 23
Acq On : 27 Aug 21 13:03 Operator: LS
Sample : BA38283W06 1/850 DF2 Inst : Linus
Misc : Multiplr: 2.35

Quant Time: Aug 27 14:17 2021 Quant Results File: L0715.RES

Quant Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Napthalene-D8(IS)	4.01	136	32747	2.50	ppb	-0.04
6) Acenaphthene-D10(IS)	6.01	164	17280	2.50	ppb	-0.04
10) Phenanthrene-D10(IS)	7.73	188	28526	2.50	ppb	-0.04
15) Chrysene-D12(IS)	10.81	240	44097	2.50	ppb	-0.05
20) Perylene-D12(IS)	13.17	264	23654	2.50	ppb	-0.08
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.79	152	38940	5.92	ppb	-0.02
Spiked Amount 5.882			Recovery = 100.606%			
13) Fluoranthene-D10 (FRT)	9.12	212	55631	5.97	ppb	-0.03
Spiked Amount 5.882			Recovery = 101.405%			
Target Compounds						Qvalue
2) Naphthalene	4.03	128	721273	110.17	ppb	98
4) 2-Methylnaphthalene	4.83	142	188845	49.06	ppb	96
5) 1-Methylnaphthalene	4.94	142	207268	52.89	ppb	98

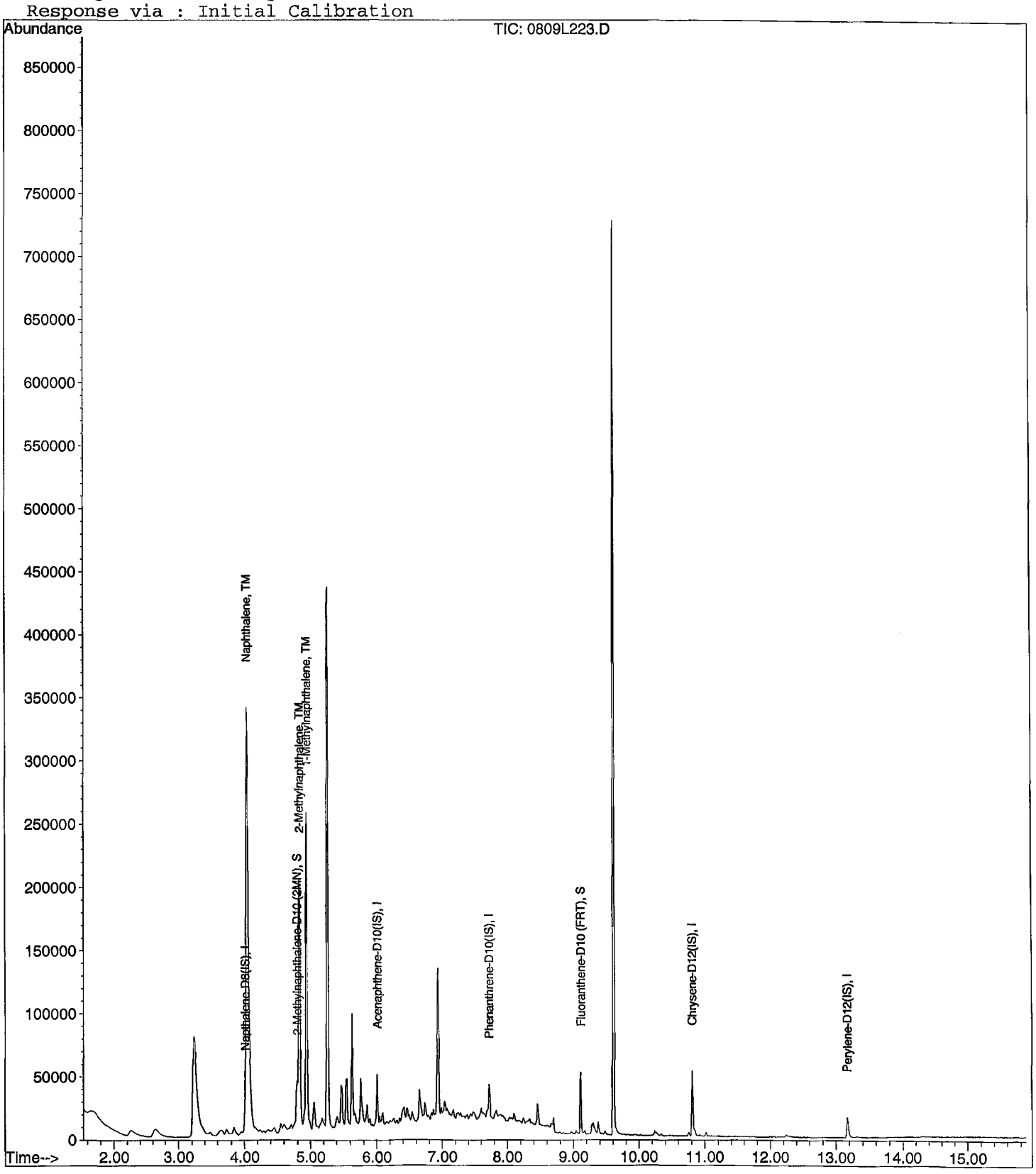
(#) = qualifier out of range (m) = manual integration

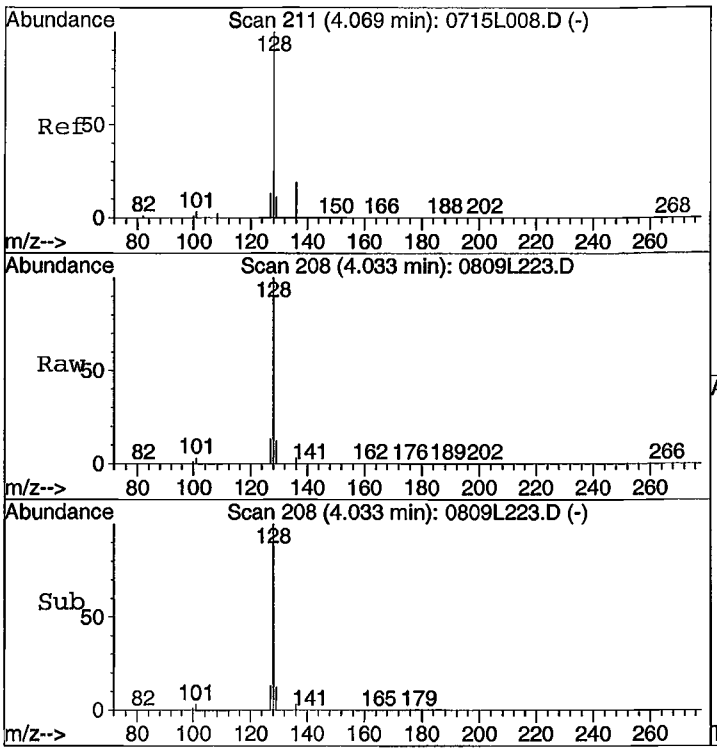
Quantitation Report

Data File : M:\LINUS\DATA\L210809\0809L223.D Vial: 23
Acq On : 27 Aug 21 13:03 Operator: LS
Sample : BA38283W06 1/850 DF2 Inst : Linus
Misc : Multiplr: 2.35

Quant Time: Aug 27 14:17 2021 Quant Results File: L0715.RES

Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 2021
Response via : Initial Calibration

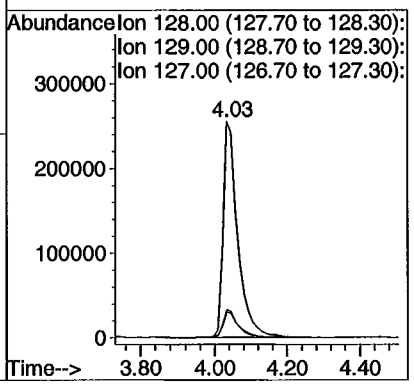


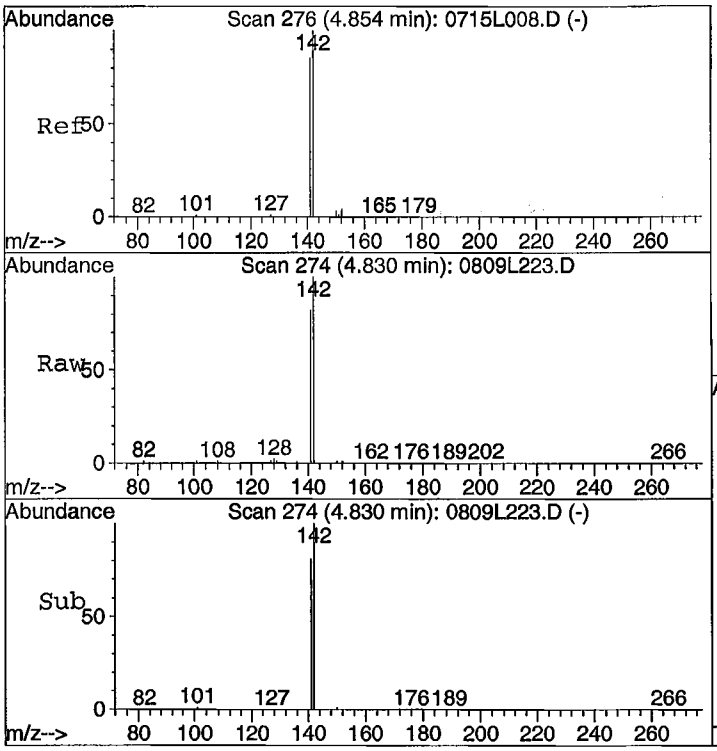


#2
Naphthalene
Concen: 110.17 ppb
RT: 4.03 min Scan# 208
Delta R.T. -0.04 min
Lab File: 0809L223.D
Acq: 27 Aug 21 13:03

Tgt Ion:128 Resp: 721273

Ion	Ratio	Lower	Upper
128	100		
129	11.9	7.6	14.2
127	13.0	8.9	16.5

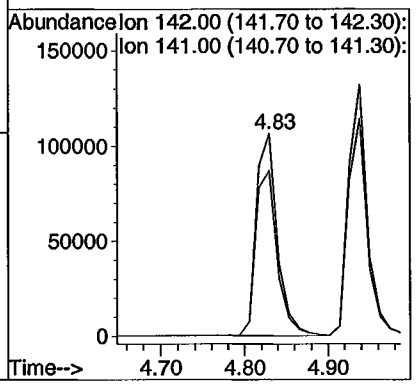


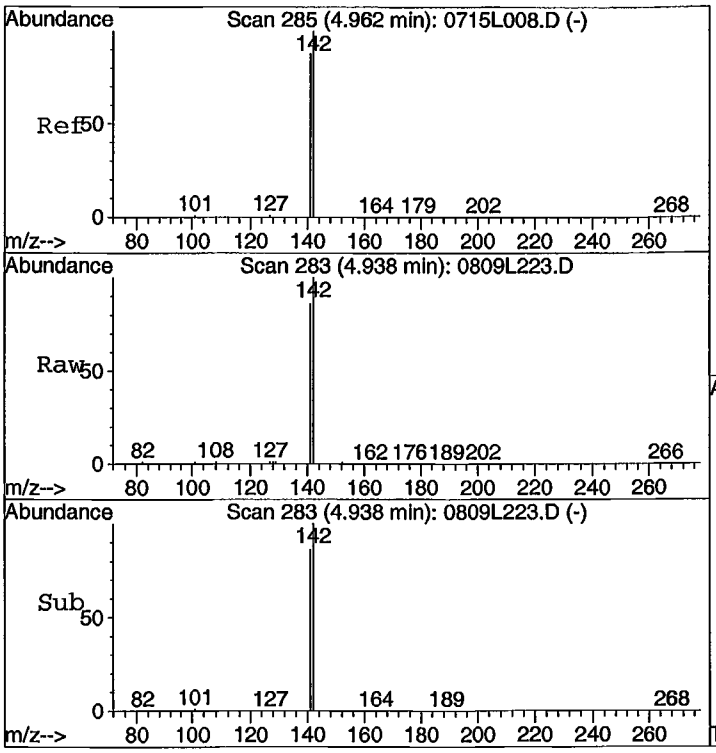


#4
2-Methylnaphthalene
Concen: 49.06 ppb
RT: 4.83 min Scan# 274
Delta R.T. -0.02 min
Lab File: 0809L223.D
Acq: 27 Aug 21 13:03

Tgt Ion:142 Resp: 188845

Ion	Ratio	Lower	Upper
142	100		
141	81.5	59.9	111.2

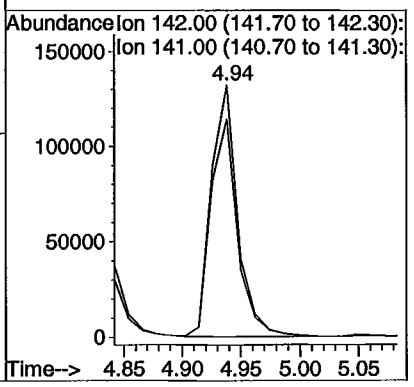




#5
1-Methylnaphthalene
Concen: 52.89 ppb
RT: 4.94 min Scan# 283
Delta R.T. -0.02 min
Lab File: 0809L223.D
Acq: 27 Aug 21 13:03

Tgt Ion:142 Resp: 207268

Ion	Ratio	Lower	Upper
142	100		
141	86.3	61.7	114.5



Quantitation Report (QT Reviewed)

Data File : M:\LINUS\DATA\L210809\0809L224.D Vial: 24
Acq On : 27 Aug 21 13:25 Operator: LS
Sample : BA38285W05 1/850 Inst : Linus
Misc : Multiplr: 1.18

Quant Time: Aug 27 14:19 2021 Quant Results File: L0715.RES

Quant Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Napthalene-D8(IS)	4.02	136	33243	2.50	ppb	-0.02
6) Acenaphthene-D10(IS)	6.01	164	14417	2.50	ppb	-0.04
10) Phenanthrene-D10(IS)	7.73	188	25474	2.50	ppb	-0.04
15) Chrysene-D12(IS)	10.81	240	38793	2.50	ppb	-0.05
20) Perylene-D12(IS)	13.18	264	7551	2.50	ppb	-0.07
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.79	152	71469	5.35	ppb	-0.02
Spiked Amount 5.882			Recovery = 90.950%			
13) Fluoranthene-D10 (FRT)	9.12	212	92280	5.54	ppb	-0.03
Spiked Amount 5.882			Recovery = 94.180%			

Target Compounds Qvalue

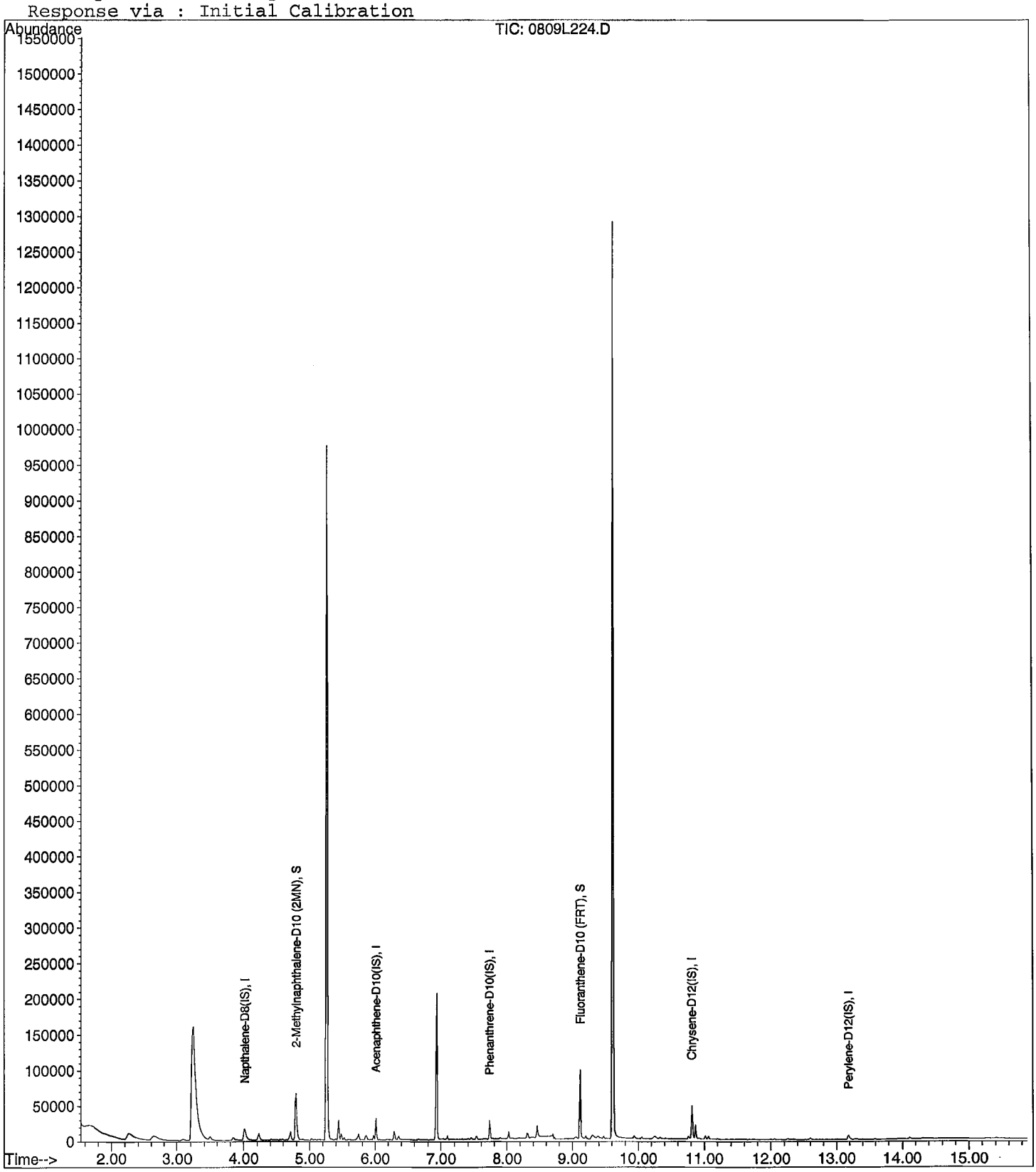
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\LINUS\DATA\L210809\0809L224.D Vial: 24
Acq On : 27 Aug 21 13:25 Operator: LS
Sample : BA38285W05 1/850 Inst : Linus
Misc : Multiplr: 1.18

Quant Time: Aug 27 14:19 2021 Quant Results File: L0715.RES

Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\LINUS\DATA\L210809\0809L225.D Vial: 25
Acq On : 27 Aug 21 13:47 Operator: LS
Sample : BA38287W06 1/850 Inst : Linus
Misc : Multiplr: 1.18

Quant Time: Aug 27 14:19 2021 Quant Results File: L0715.RES

Quant Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	4.02	136	33091	2.50 ppb	-0.02
6) Acenaphthene-D10(IS)	6.01	164	16129	2.50 ppb	-0.04
10) Phenanthrene-D10(IS)	7.73	188	26092	2.50 ppb	-0.04
15) Chrysene-D12(IS)	10.81	240	42037	2.50 ppb	-0.05
20) Perylene-D12(IS)	13.17	264	37258	2.50 ppb	-0.08
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.79	152	61845	4.65 ppb	-0.02
Spiked Amount 5.882			Recovery = 79.067%		
13) Fluoranthene-D10 (FRT)	9.11	212	97989	5.74 ppb	-0.04
Spiked Amount 5.882			Recovery = 97.648%		
Target Compounds					Qvalue

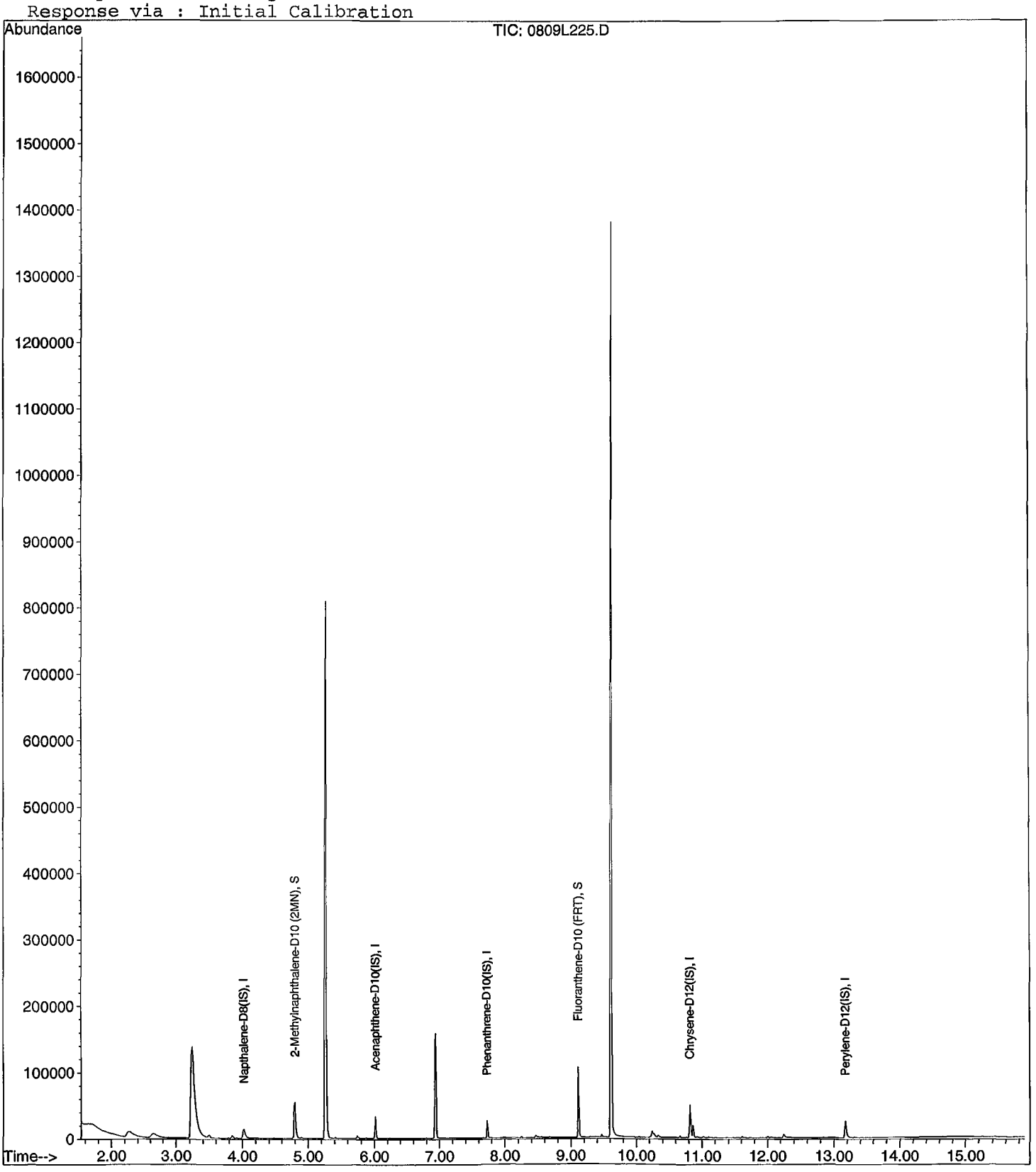
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\LINUS\DATA\L210809\0809L225.D Vial: 25
Acq On : 27 Aug 21 13:47 Operator: LS
Sample : BA38287W06 1/850 Inst : Linus
Misc : Multiplr: 1.18

Quant Time: Aug 27 14:19 2021 Quant Results File: L0715.RES

Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\LINUS\DATA\L210809\0809L219.D Vial: 19
Acq On : 27 Aug 21 11:34 Operator: LS
Sample : 210823A BLK 1/1000 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Aug 27 12:24 2021 Quant Results File: L0715.RES

Quant Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	4.02	136	33028	2.50 ppb	-0.02
6) Acenaphthene-D10(IS)	6.01	164	15968	2.50 ppb	-0.04
10) Phenanthrene-D10(IS)	7.73	188	25416	2.50 ppb	-0.04
15) Chrysene-D12(IS)	10.81	240	40254	2.50 ppb	-0.05
20) Perylene-D12(IS)	13.17	264	34097	2.50 ppb	-0.08
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.79	152	73936	4.74 ppb	-0.02
Spiked Amount 5.000			Recovery = 94.700%		
13) Fluoranthene-D10 (FRT)	9.11	212	110121	5.63 ppb	-0.04
Spiked Amount 5.000			Recovery = 112.660%		

Target Compounds Qvalue

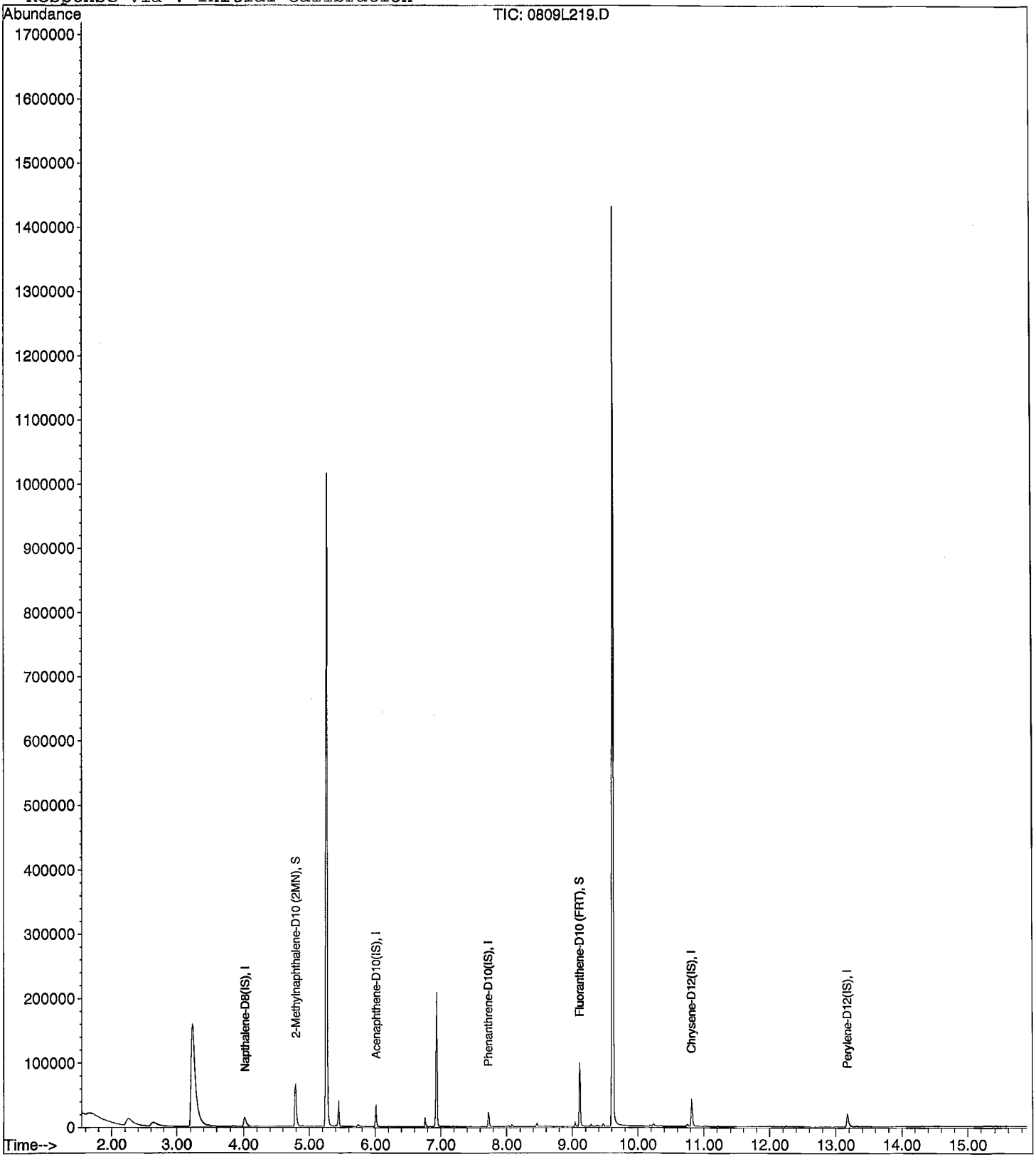
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\LINUS\DATA\L210809\0809L219.D Vial: 19
Acq On : 27 Aug 21 11:34 Operator: LS
Sample : 210823A BLK 1/1000 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Aug 27 12:24 2021 Quant Results File: L0715.RES

Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\LINUS\DATA\L210809\0809L220.D Vial: 20
Acq On : 27 Aug 21 11:56 Operator: LS
Sample : 210823A LCS-2 1/1000 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Aug 27 12:23 2021 Quant Results File: L0715.RES

Quant Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Napthalene-D8(IS)	4.01	136	32904	2.50	ppb	-0.04
6) Acenaphthene-D10(IS)	6.01	164	16087	2.50	ppb	-0.04
10) Phenanthrene-D10(IS)	7.73	188	26066	2.50	ppb	-0.04
15) Chrysene-D12(IS)	10.81	240	41159	2.50	ppb	-0.05
20) Perylene-D12(IS)	13.17	264	35558	2.50	ppb	-0.08
System Monitoring Compounds						
3) 2-Methylnaphthalene-D10 (2	4.79	152	68388	4.40	ppb	-0.02
Spiked Amount 5.000			Recovery =	87.920%		
13) Fluoranthene-D10 (FRT)	9.11	212	106648	5.32	ppb	-0.04
Spiked Amount 5.000			Recovery =	106.380%		
Target Compounds						Qvalue
2) Naphthalene	4.03	128	69189	4.47	ppb	99
4) 2-Methylnaphthalene	4.82	142	41483	4.56	ppb	98
5) 1-Methylnaphthalene	4.93	142	41865	4.52	ppb	97
7) Acenaphthylene	5.84	152	139715	4.56	ppb	99
8) Acenaphthene	6.05	154	35391	4.30	ppb	95
9) Fluorene	6.65	166	45570	4.50	ppb	99
11) Phenanthrene	7.75	178	64967	4.61	ppb	97
12) Anthracene	7.81	178	55149	4.30	ppb	97
14) Fluoranthene	9.13	202	113151	5.33	ppb	99
16) Pyrene	9.39	202	113838	4.69	ppb	99
17) Benz (a) anthracene	10.80	228	100031	4.65	ppb	99
18) Chrysene	10.85	228	105284	4.69	ppb	99
19) Indeno (1,2,3-cd) pyrene	14.67	276	91503	4.35	ppb	90
21) Benzo (b) fluoranthene	12.49	252	90036	4.95	ppb	100
22) Benzo (k) fluoranthene	12.54	252	100532	5.03	ppb	100
23) Benzo (a) pyrene	13.07	252	81162	4.69	ppb	100
24) Dibenz (a,h) anthracene	14.70	278	76415	4.76	ppb	96
25) Benzo (g,h,i) perylene	15.01	276	80218	4.62	ppb	96

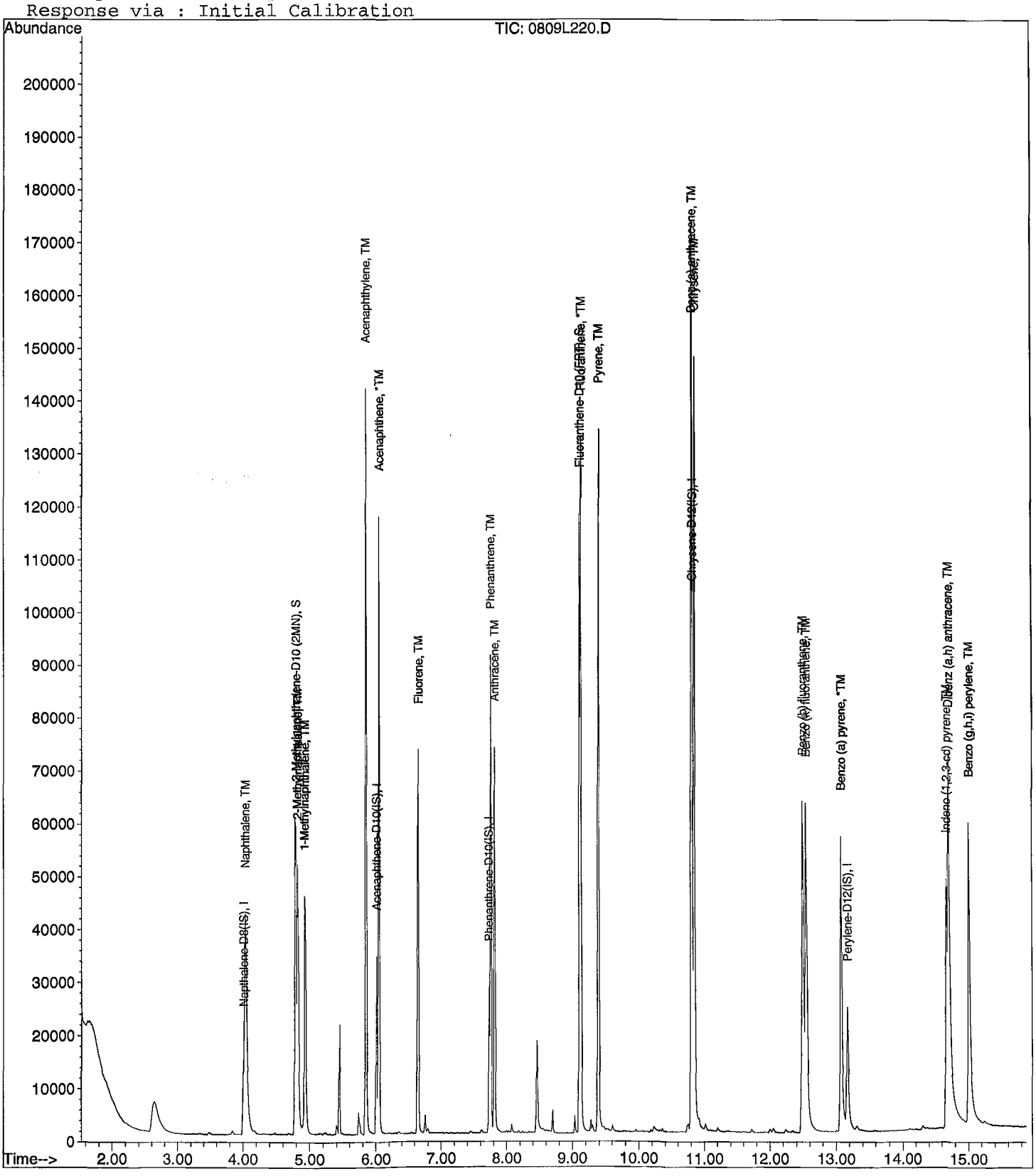
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\LINUS\DATA\L210809\0809L220.D Vial: 20
Acq On : 27 Aug 21 11:56 Operator: LS
Sample : 210823A LCS-2 1/1000 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Aug 27 12:23 2021 Quant Results File: L0715.RES

Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\LINUS\DATA\L210809\0809L226.D Vial: 26
Acq On : 27 Aug 21 14:09 Operator: LS
Sample : 210823A LCSD-2 1/1000 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Aug 27 14:42 2021 Quant Results File: L0715.RES

Quant Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 2021
Response via : Initial Calibration
DataAcq Meth : SIM_2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Napthalene-D8(IS)	4.01	136	32927	2.50 ppb	-0.04
6) Acenaphthene-D10(IS)	6.01	164	15995	2.50 ppb	-0.04
10) Phenanthrene-D10(IS)	7.73	188	25929	2.50 ppb	-0.04
15) Chrysene-D12(IS)	10.81	240	40921	2.50 ppb	-0.05
20) Perylene-D12(IS)	13.17	264	36809	2.50 ppb	-0.08
System Monitoring Compounds					
3) 2-Methylnaphthalene-D10 (2	4.79	152	69593	4.47 ppb	-0.02
Spiked Amount 5.000			Recovery =	89.420%	
13) Fluoranthene-D10 (FRT)	9.11	212	106410	5.34 ppb	-0.04
Spiked Amount 5.000			Recovery =	106.700%	
Target Compounds					Qvalue
2) Naphthalene	4.03	128	73349	4.74 ppb	100
4) 2-Methylnaphthalene	4.82	142	44404	4.88 ppb	97
5) 1-Methylnaphthalene	4.94	142	44732	4.82 ppb	97
7) Acenaphthylene	5.84	152	135990	4.46 ppb	99
8) Acenaphthene	6.05	154	37544	4.59 ppb	94
9) Fluorene	6.65	166	49384	4.91 ppb	100
11) Phenanthrene	7.75	178	67653	4.83 ppb	97
12) Anthracene	7.81	178	52535	4.12 ppb	97
14) Fluoranthene	9.13	202	118067	5.59 ppb	97
16) Pyrene	9.39	202	118239	4.90 ppb	97
17) Benz (a) anthracene	10.80	228	103710	4.84 ppb	98
18) Chrysene	10.85	228	110313	4.94 ppb	97
19) Indeno (1,2,3-cd) pyrene	14.67	276	98611	4.72 ppb	96
21) Benzo (b) fluoranthene	12.50	252	96247	5.11 ppb	97
22) Benzo (k) fluoranthene	12.54	252	109127	5.27 ppb	99
23) Benzo (a) pyrene	13.07	252	81120	4.53 ppb	98
24) Dibenz (a,h) anthracene	14.71	278	81570	4.91 ppb	98
25) Benzo (g,h,i) perylene	15.01	276	82748	4.61 ppb	99

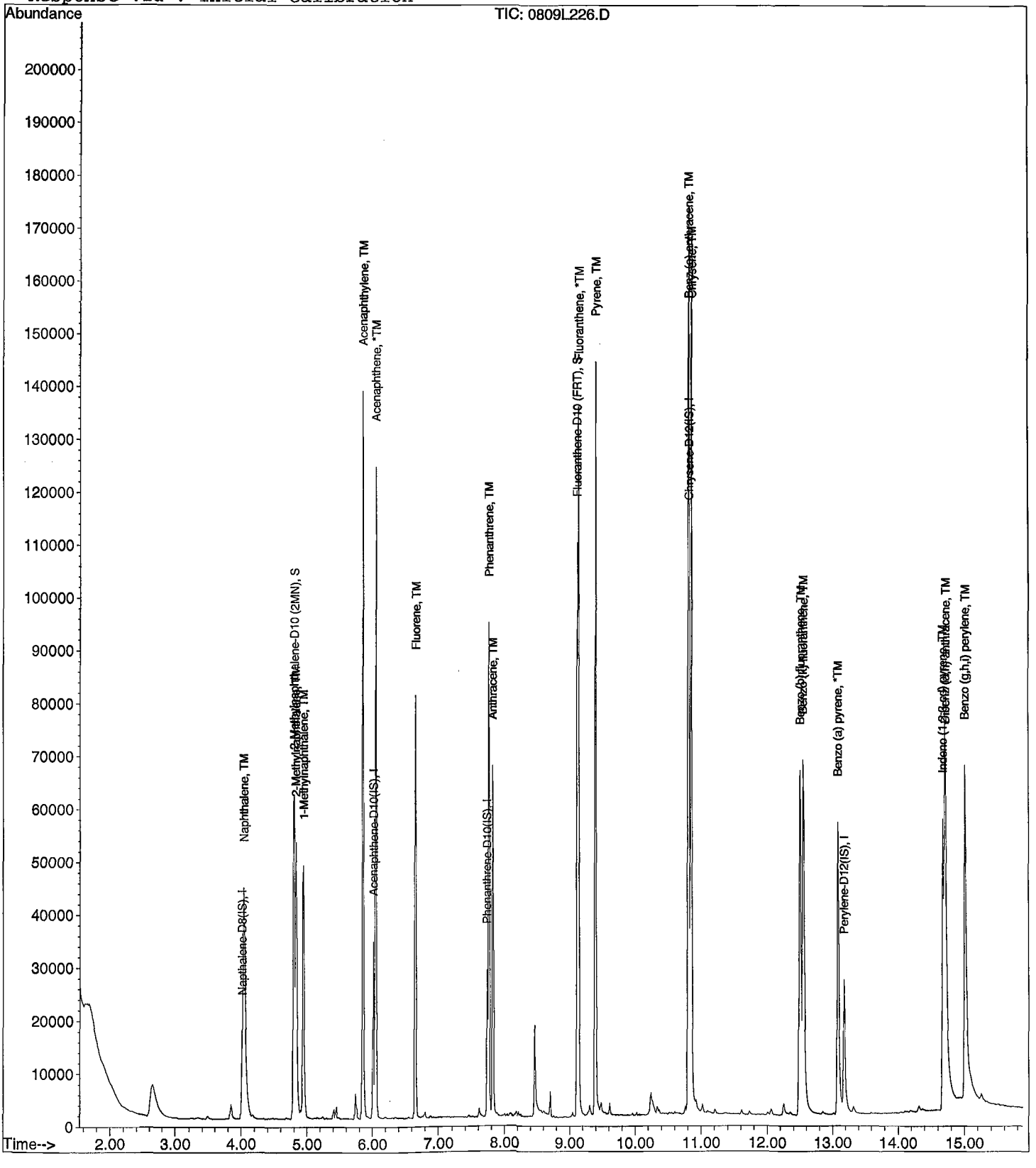
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\LINUS\DATA\L210809\0809L226.D Vial: 26
Acq On : 27 Aug 21 14:09 Operator: LS
Sample : 210823A LCSD-2 1/1000 Inst : Linus
Misc : Multiplr: 1.00

Quant Time: Aug 27 14:42 2021 Quant Results File: L0715.RES

Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270
Last Update : Wed Aug 18 17:06:06 2021
Response via : Initial Calibration



Organic Extraction Worksheet

Method	Continuous Liquid/Liquid SVOC 3520C	Extraction Set	210823A	Extraction Method	LIQ003	Units	mL

Spiked ID 1	8270T Spike 7-29-21 7-29-22		Surrogate ID 1	8270 Surrogate 7-19-21 5-19-22	
Spiked ID 2	Sim Spike 8-5-21 5-28-22		Surrogate ID 2	SIM Surrogate 4-8-21 4-8-22	
Spiked ID 3			Surrogate ID 3		
Spiked ID 4			Surrogate ID 4		
Spiked ID 5			Surrogate ID 5		
Spiked ID 6			Sufficient Vol for Matrix QC:	NO	
Spiked ID 7			Ext. Start Time:	08/23/21 19:00	
Spiked ID 8			Ext. End Time:	08/24/21 13:10	
			GC Requires Extract By:		

pH1	2	08/23/21 16:55	Water Bath Temp 1 °C	E-WB6 75/73 °C
pH2	14	08/24/21 14:30	Water Bath Temp 2 °C	
pH3			Water Bath Temp 3 °C	

Spiked By: YL **Date** 8/23/2021 **Witnessed By:** SR **Date** 8/23/2021

	Sample	Sample Container	Spike Amount	Spike ID	Surrogate Amount	Surrogate ID	Extract Amount	Final Volume	pH	Extract Date/Time	Comments
1	210823A Blk				0.200,0.050	1,2	1000	1	2/1	08/23/21 16:46	
						equip	E-HP12 E-WB6				
2	210823A LCS-1		1	1	0.200	1	1000	1	2/1	08/23/21 16:46	
						equip	E-HP13 E-WB6				
3	210823A LCS-2		0.125	2	0.050	2	1000	1	2/1	08/23/21 16:46	
						equip	E-HP14 E-WB6				
4	210823A LCSD-1		1	1	0.200	1	1000	1	2/1	08/23/21 16:46	
						equip	E-HP15 E-WB6				
5	210823A LCSD-2		0.125	2	0.050	2	1000	1	2/1	08/23/21 16:46	
						equip	E-HP16 E-WB6				
6	BA38152	BA38152W06			0.200,0.050	1,2	1040	1	2/1	08/23/21 16:46	97207
						equip	E-HP17 E-WB6				
7	BA38175	BA38175W06			0.200,0.050	1,2	1040	1	2/1	08/23/21 16:46	97211
						equip	E-HP19 E-WB6				
8	BA38176	BA38176W07			0.200,0.050	1,2	1040	1	2/1	08/23/21 16:46	97211
						equip	E-HP20 E-WB6				
9	BA38281	BA38281W05			0.200,0.050	1,2	850	1	2/1	08/23/21 16:46	97221
						equip	E-HP21 E-WB6				
10	BA38283	BA38283W06			0.200,0.050	1,2	850	1	2/1	08/23/21 16:46	97221
						equip	E-HP22 E-WB6				
11	BA38285	BA38285W05			0.200,0.050	1,2	850	1	2/1	08/23/21 16:46	97221
						equip	E-HP23 E-WB6				
12	BA38287	BA38287W06			0.200,0.050	1,2	850	1	2/1	08/23/21 16:46	97221
						equip	E-HP24 E-WB6				

Solvent and Lot#	
PH Strips	HC155968
Dichloromethane (DCM)	61117
1+1 H2SO4 (10mLs)	26820
10N NaOH (40mLs)	8-13-21
Filter Paper	400181
Na2SO4	16L295203

Extraction COC Transfer	
Extraction lab employee Initials	KY
GC analyst's initials	LS
Date	
Time	
Refrigerator	GC-C

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

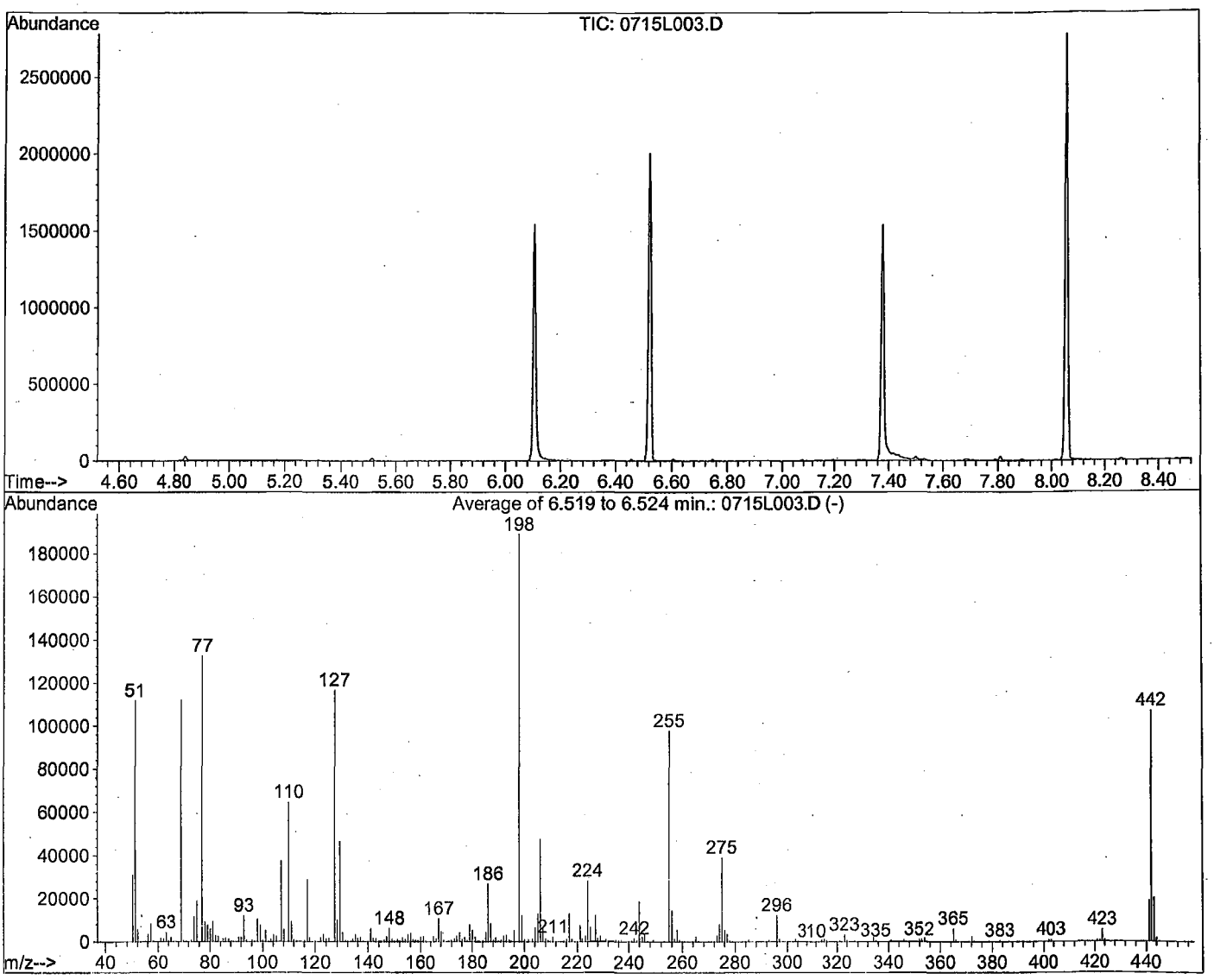
Modified	9/2/2021 11:05:27 AM

Reviewed By: KY **Date** 9/2/2021

DFTPP

Data File : M:\LINUS\DATA\L210715\0715L003.D Vial: 3
Acq On : 15 Jul 21 8:48 Operator: LS
Sample : SV TUNE 7/2/21 Inst : Linus
Misc : Multiplr: 1.00

Method : M:\LINUS\DATA\L210715\L0324.M (RTE Integrator)
Title : EPA 8270



AutoFind: Scans 1580, 1581, 1582; Background Corrected with Scan 1572

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	59.2	111892	PASS
68	69	0.00	2	0.0	0	PASS
70	69	0.00	2	0.5	615	PASS
127	198	10	80	61.7	116643	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	188928	PASS
199	198	5	9	6.6	12463	PASS
275	198	10	60	20.7	39029	PASS
365	198	1	100	3.2	6011	PASS
441	442	0.01	24	17.9	19195	PASS
442	198	50	500	56.6	107027	PASS
443	442	15	24	19.1	20450	PASS

Data File Name:	**0715L003.D**
Data File Path:	**M:\LINUS\DATA\L210715**
Operator:	**LS**
Date Acquired:	**15 Jul 2021 08:48**
Method File:	**DFTPP2.M**
Sample Name:	**SV TUNE 7/2/21**
Vial Number:	**3**
Instrument Name:	**Linus**

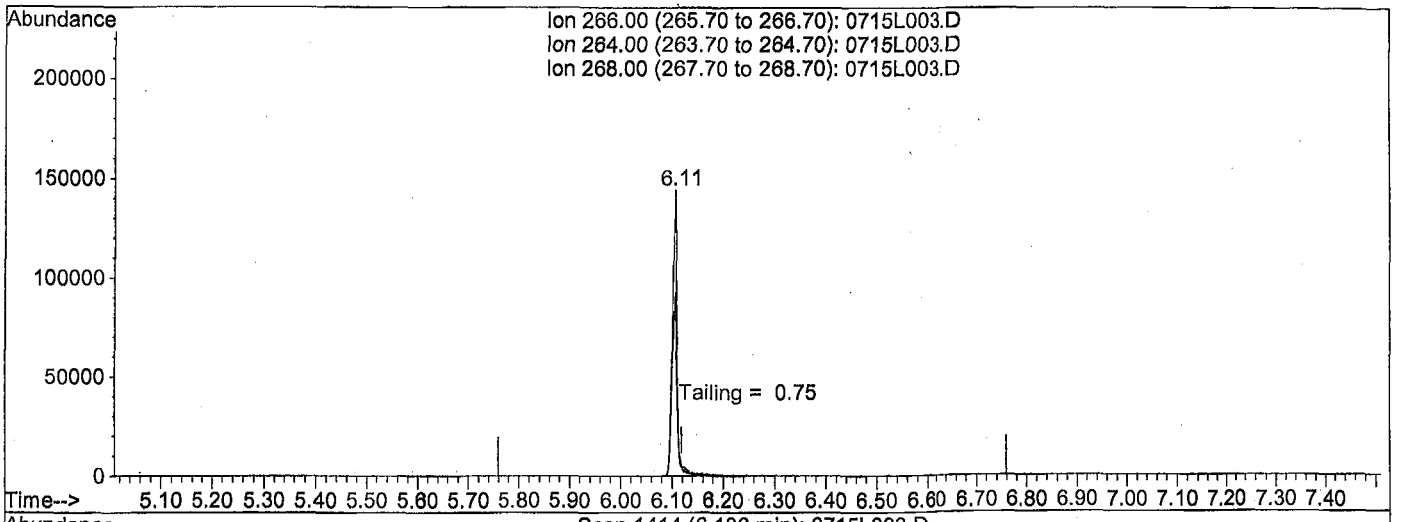
#	Name	Ret Time	Target Response
1)	DDT	8.08	19115000
2)	DDD	7.83	189890
3)	DDE	7.55	0

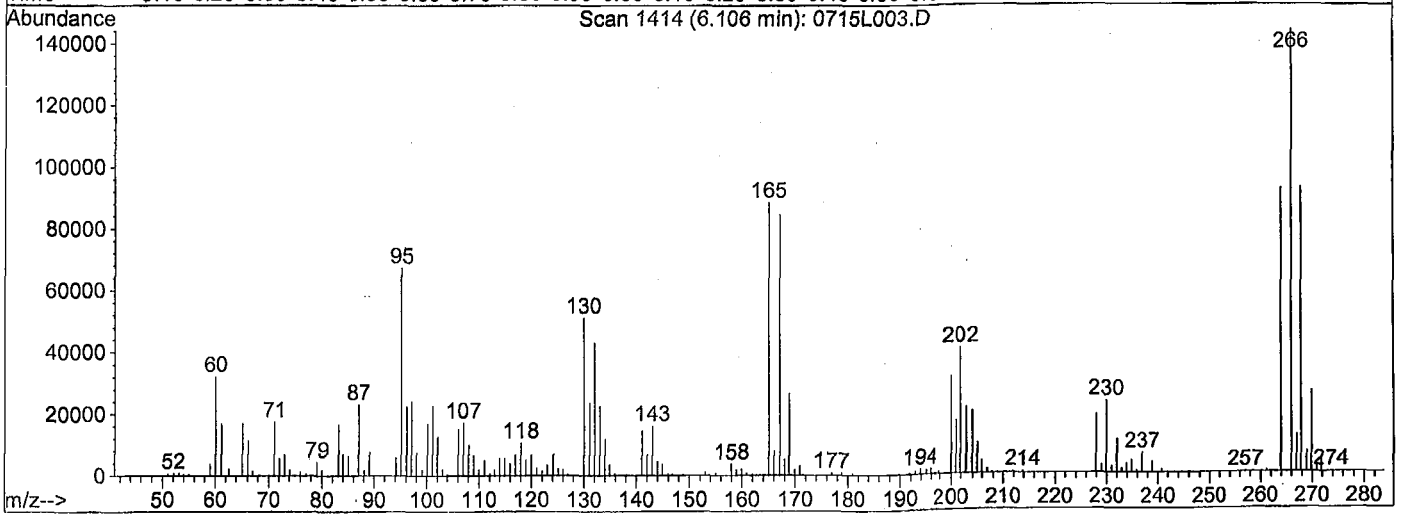
Breakdown **0.98**

Quantitation Report

Data File : M:\LINUS\DATA\L210715\0715L003.D Vial: 3
Acq On : 15 Jul 21 8:48 Operator: LS
Sample : SV TUNE 7/2/21 Inst : Linus
Misc : Multiplr: 1.00
Quant Time: Jul 15 8:58 2021 Quant Results File: temp.res

Method : M:\LINUS\DATA\L210715\DFTPP2.M (Chemstation Integrator)
Title :
Last Update : Wed Jun 23 11:24:41 2021
Response via : Single Level Calibration





TIC: 0715L003.D

(5) Pentachlorophenol

6.11min 0.0000

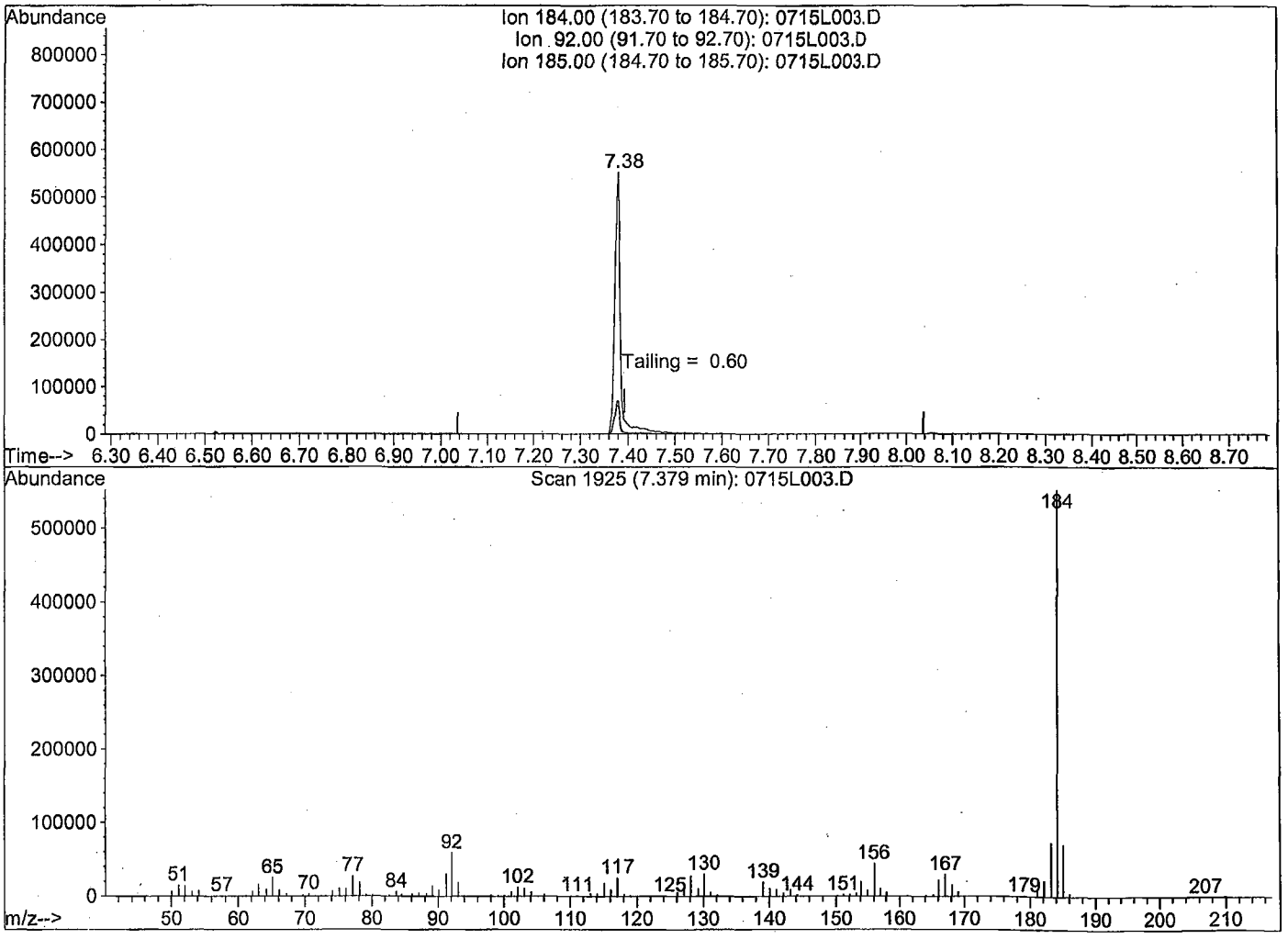
response 965084

Ion	Exp%	Act%
266.00	100	100
264.00	60.60	66.64
268.00	65.30	65.09
0.00	0.00	0.00

Quantitation Report

Data File : M:\LINUS\DATA\L210715\0715L003.D Vial: 3
Acq On : 15 Jul 21 8:48 Operator: LS
Sample : SV TUNE 7/2/21 Inst : Linus
Misc : Multiplr: 1.00
Quant Time: Jul 15 8:58 2021 Quant Results File: temp.res

Method : M:\LINUS\DATA\L210715\DFTPP2.M (Chemstation Integrator)
Title :
Last Update : Wed Jun 23 11:24:41 2021
Response via : Single Level Calibration



TIC: 0715L003.D

(6) Benzidine

7.38min 0.0000

response 4007933

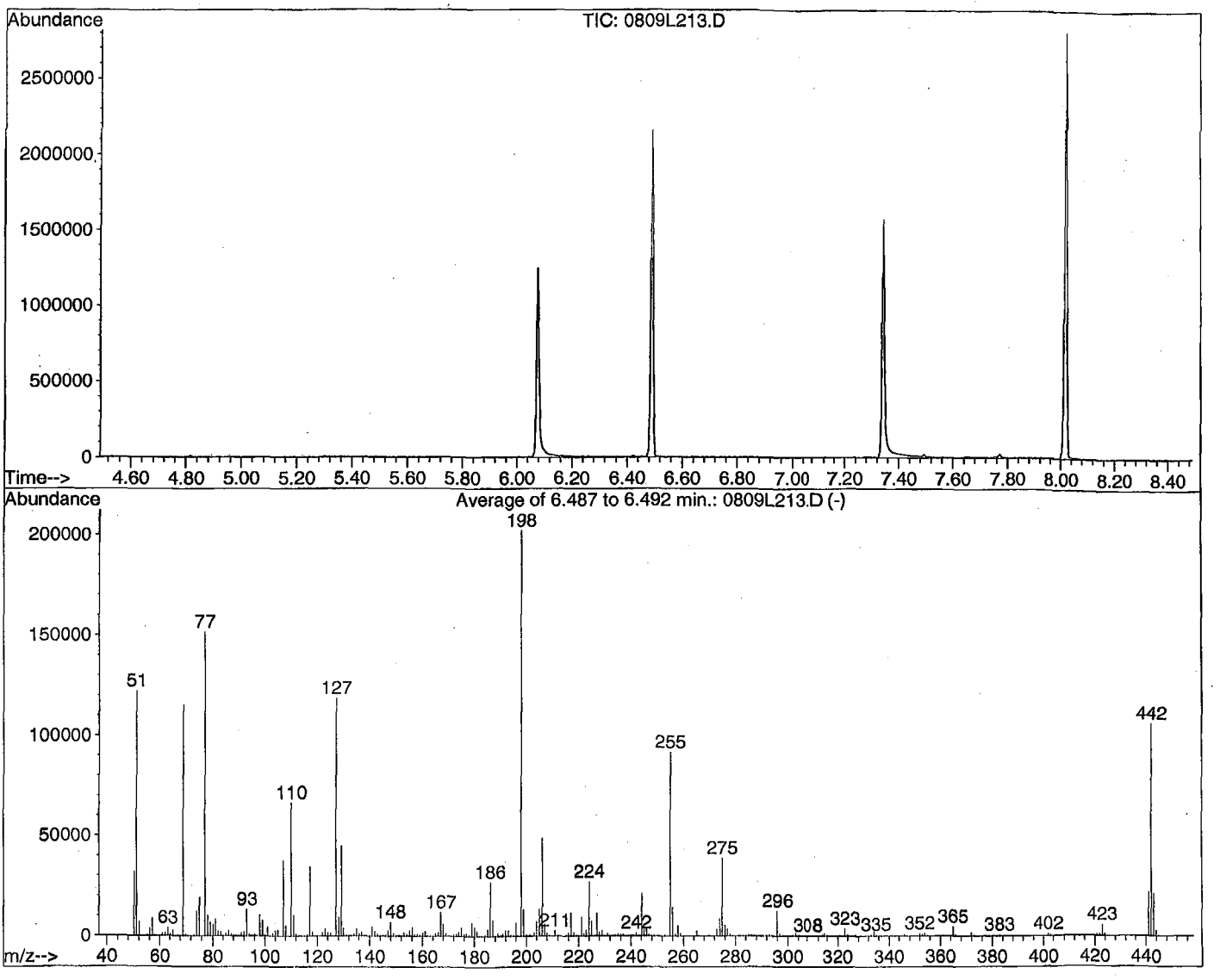
Ion	Exp%	Act%
184.00	100	100
92.00	7.20	11.22#
185.00	13.60	14.15
0.00	0.00	0.00

DFTPP

Data File : M:\LINUS\DATA\L210809\0809L213.D
Acq On : 25 Aug 21 12:17
Sample : SV TUNE 7/2/21
Misc :

Vial: 13
Operator: LS
Inst : Linus
Multiplr: 1.00

Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270



AutoFind: Scans 1567, 1568, 1569; Background Corrected with Scan 1559

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	60.4	122185	PASS
68	69	0.00	2	0.0	0	PASS
70	69	0.00	2	0.7	790	PASS
127	198	10	80	58.6	118464	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	202219	PASS
199	198	5	9	6.5	13178	PASS
275	198	10	60	19.1	38664	PASS
365	198	1	100	2.3	4623	PASS
441	442	0.01	24	20.6	21952	PASS
442	198	50	500	52.8	106757	PASS
443	442	15	24	19.9	21267	PASS

Data File Name:	**0809L213.D**
Data File Path:	**M:\LINUS\DATA\L210809**
Operator:	**LS**
Date Acquired:	**25 Aug 2021 12:17**
Method File:	**DFTPP2.M**
Sample Name:	**SV TUNE 7/2/21**
Vial Number:	**13**
Instrument Name:	**Linus**

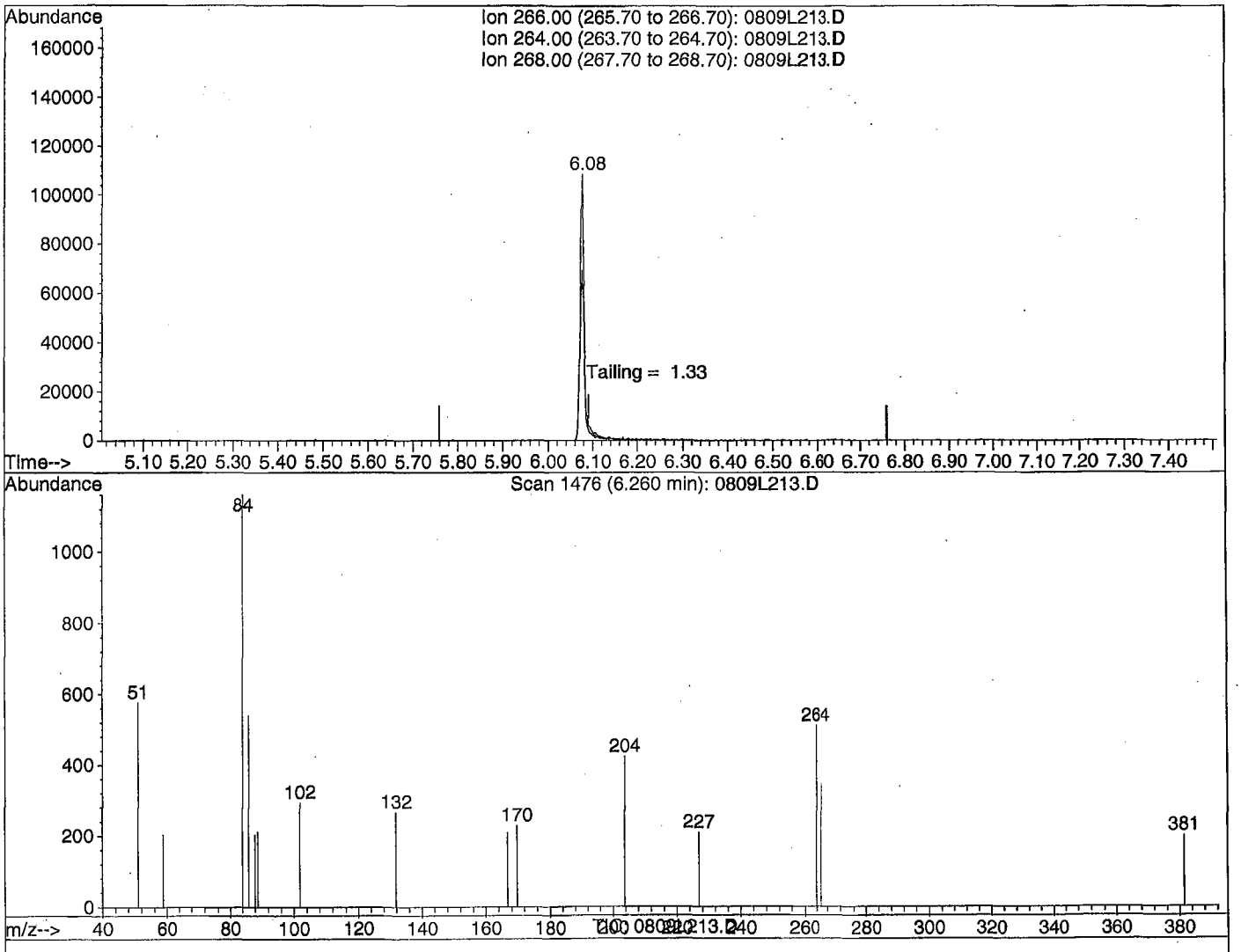
#	Name	Ret Time	Target Response
1)	DDT	8.08	17598200
2)	DDD	7.83	174284
3)	DDE	7.55	0

Breakdown **0.98**

Quantitation Report

Data File : M:\LINUS\DATA\L210809\0809L213.D Vial: 13
Acq On : 25 Aug 21 12:17 Operator: LS
Sample : SV TUNE 7/2/21 Inst : Linus
Misc : Multiplr: 1.00
Quant Time: Aug 25 13:19 2021 Quant Results File: temp.res

Method : M:\LINUS\DATA\L210809\DFTPP2.M (Chemstation Integrator)
Title :
Last Update : Wed Jun 23 11:24:41 2021
Response via : Single Level Calibration



(5) Pentachlorophenol

6.26min 0.0000

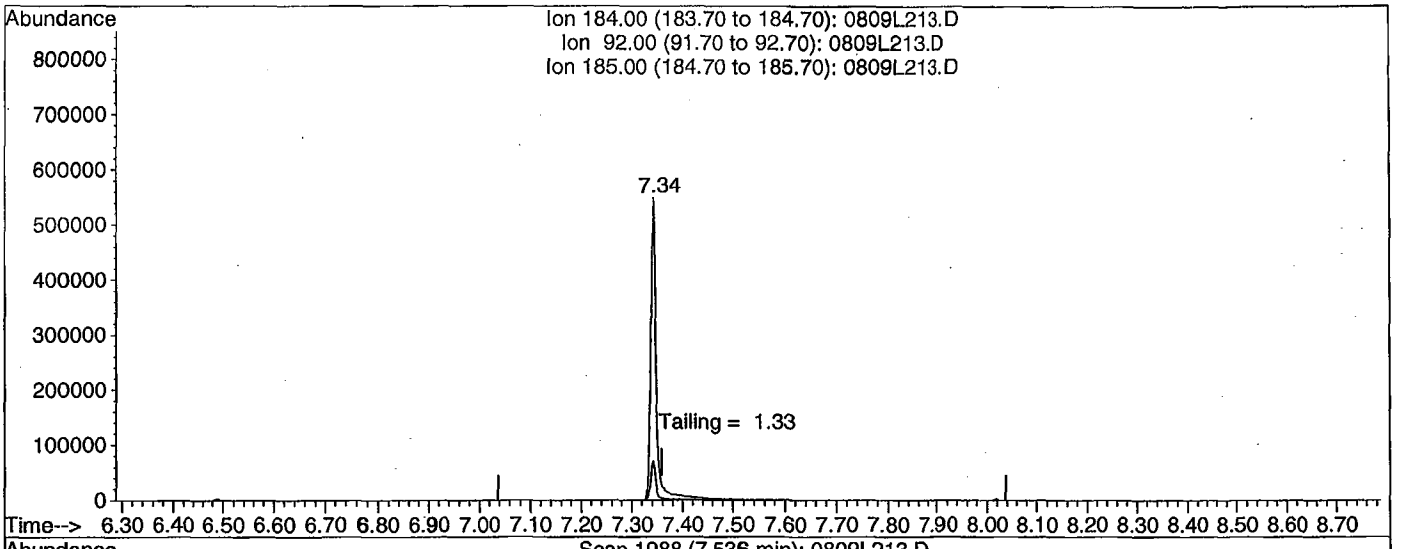
response 0

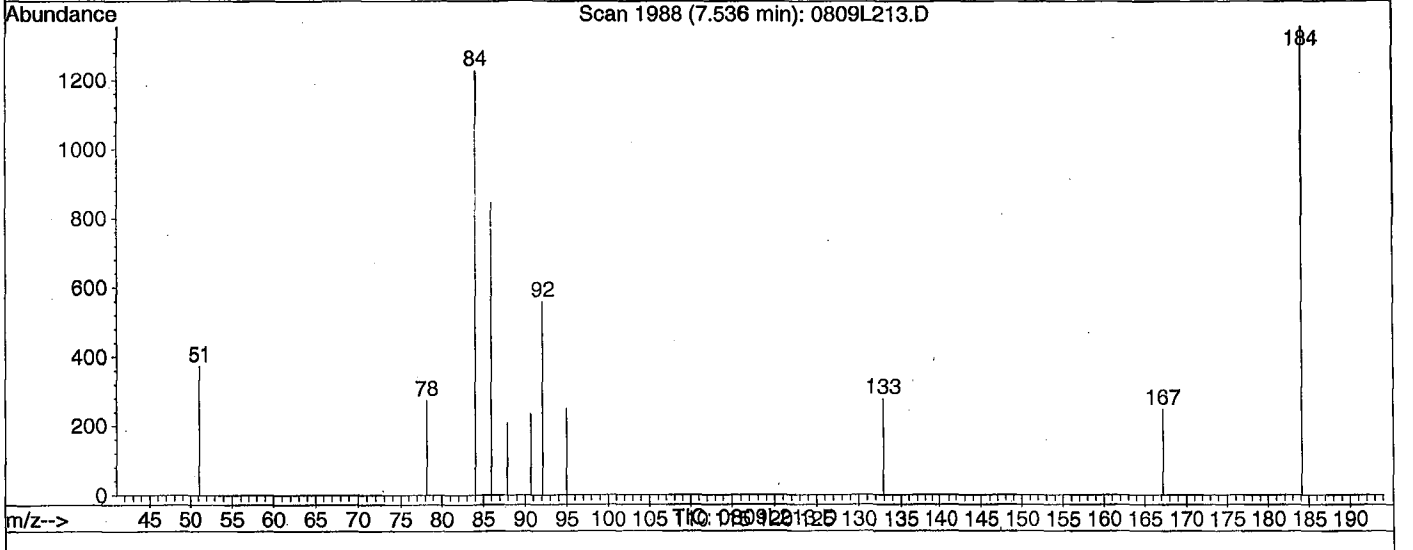
Ion	Exp%	Act%
266.00	100	0.00
264.00	60.60	0.00#
268.00	65.30	0.00#
0.00	0.00	0.00

Quantitation Report

Data File : M:\LINUS\DATA\L210809\0809L213.D Vial: 13
Acq On : 25 Aug 21 12:17 Operator: LS
Sample : SV TUNE 7/2/21 Inst : Linus
Misc : Multiplr: 1.00
Quant Time: Aug 25 13:19 2021 Quant Results File: temp.res

Method : M:\LINUS\DATA\L210809\DFTPP2.M (Chemstation Integrator)
Title :
Last Update : Wed Jun 23 11:24:41 2021
Response via : Single Level Calibration





(6) Benzidine

7.54min 0.0000

response 0

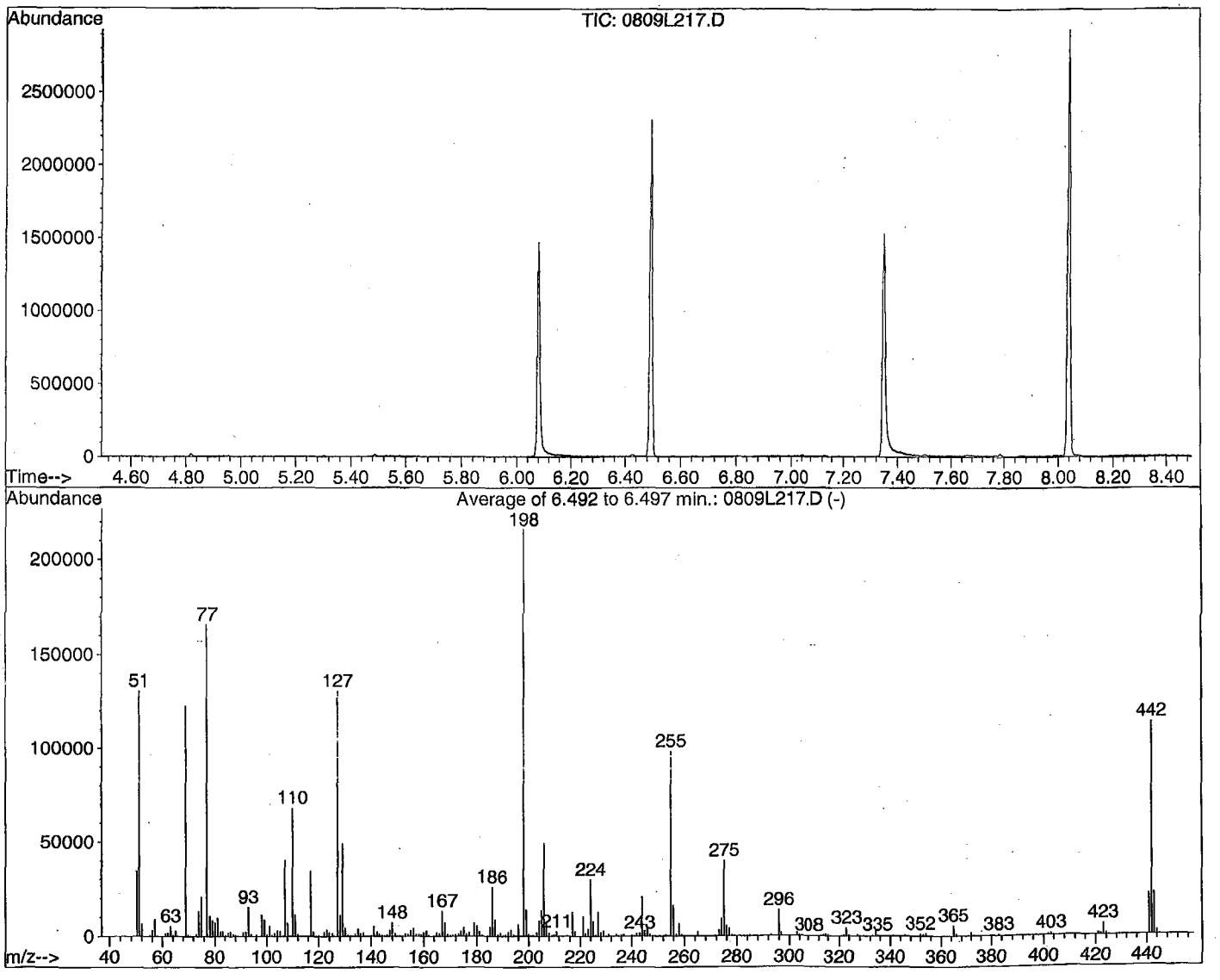
Ion	Exp%	Act%
184.00	100	0.00
92.00	7.20	0.00#
185.00	13.60	0.00#
0.00	0.00	0.00

DFTPP

Data File : M:\LINUS\DATA\L210809\0809L217.D
Acq On : 27 Aug 21 10:51
Sample : SV TUNE 7/2/21
Misc :

Vial: 17
Operator: LS
Inst : Linus
Multiplr: 1.00

Method : M:\LINUS\DATA\L210809\L0715.M (RTE Integrator)
Title : EPA 8270



AutoFind: Scans 1569, 1570, 1571; Background Corrected with Scan 1561

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	60.4	130619	PASS
68	69	0.00	2	0.0	0	PASS
70	69	0.00	2	0.8	976	PASS
127	198	10	80	60.4	130592	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	216235	PASS
199	198	5	9	6.5	14119	PASS
275	198	10	60	18.5	39963	PASS
365	198	1	100	2.5	5484	PASS
441	442	0.01	24	19.5	22120	PASS
442	198	50	500	52.6	113675	PASS
443	442	15	24	19.9	22637	PASS

Data File Name:	**0809L217.D**
Data File Path:	**M:\LINUS\DATA\L210809**
Operator:	**LS**
Date Acquired:	**27 Aug 2021 10:51**
Method File:	**DFTPP2.M**
Sample Name:	**SV TUNE 7/2/21**
Vial Number:	**17**
Instrument Name:	**Linus**

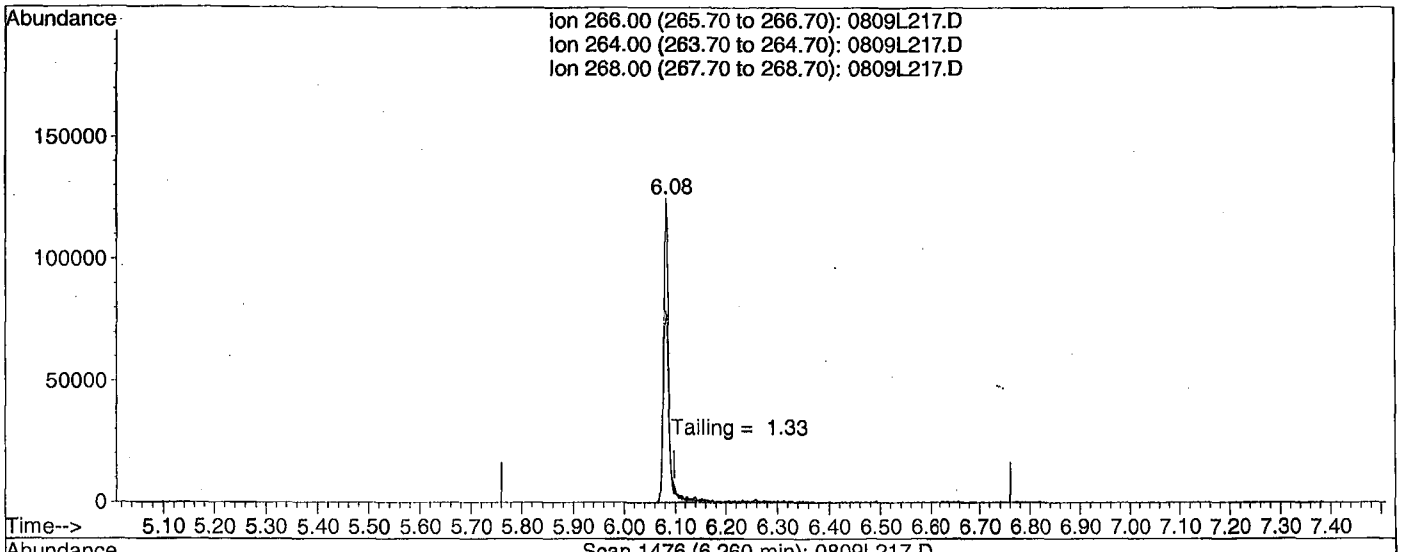
#	Name	Ret Time	Target Response
1)	DDT	8.08	19924300
2)	DDD	7.83	132274
3)	DDE	7.55	0

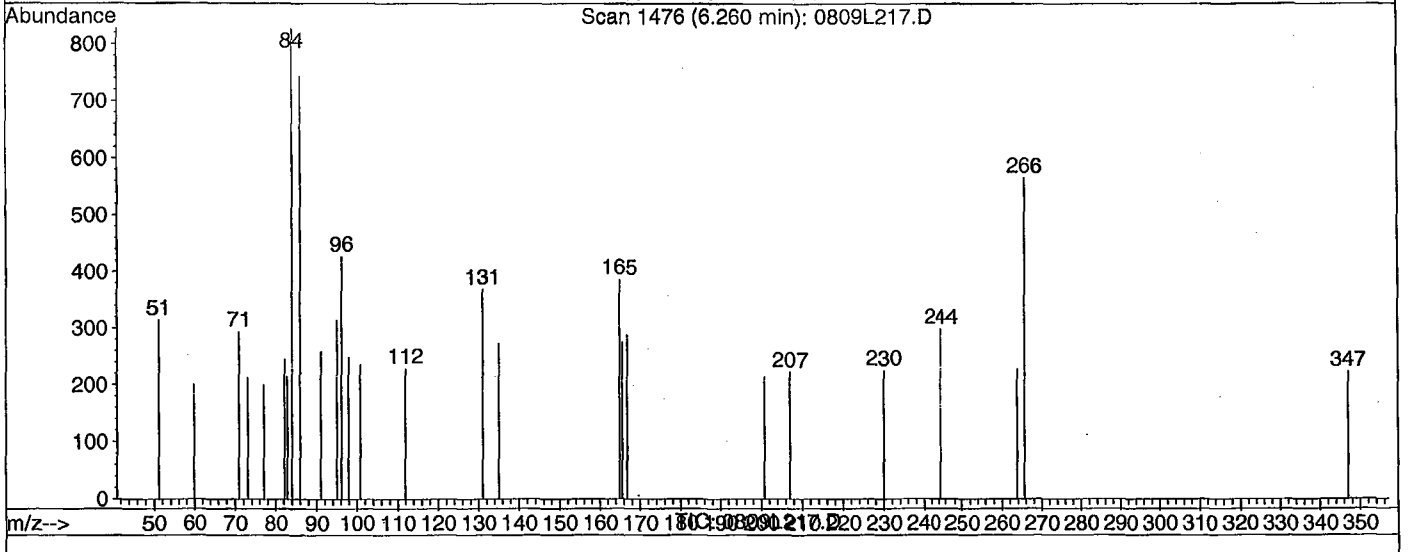
Breakdown **0.66**

Quantitation Report

Data File : M:\LINUS\DATA\L210809\0809L217.D Vial: 17
Acq On : 27 Aug 21 10:51 Operator: LS
Sample : SV TUNE 7/2/21 Inst : Linus
Misc : Multiplr: 1.00
Quant Time: Aug 27 11:27 2021 Quant Results File: temp.res

Method : M:\LINUS\DATA\L210809\DFTPP2.M (Chemstation Integrator)
Title :
Last Update : Wed Jun 23 11:24:41 2021
Response via : Single Level Calibration





(5) Pentachlorophenol

6.26min 0.0000

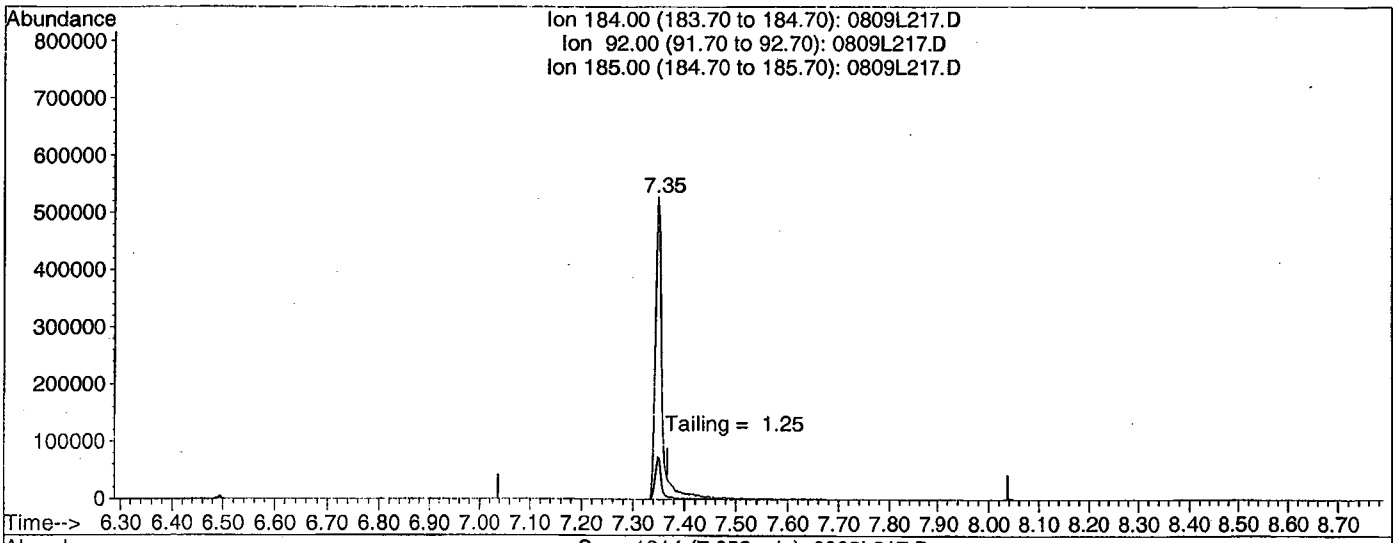
response 0

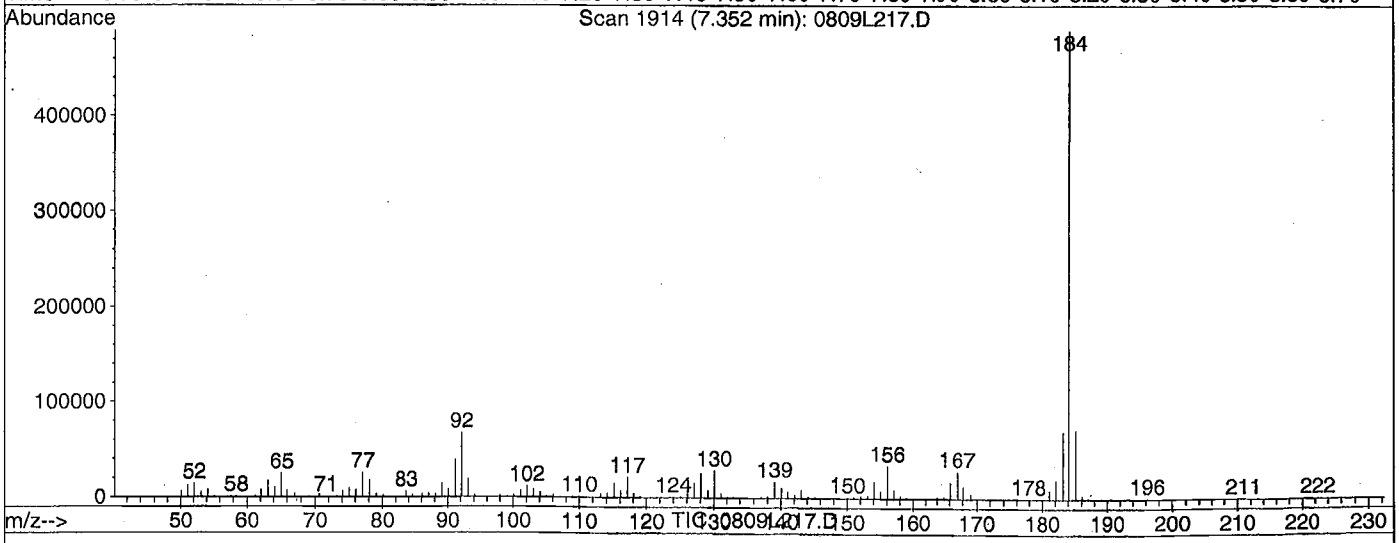
Ion	Exp%	Act%
266.00	100	0.00
264.00	60.60	0.00#
268.00	65.30	0.00#
0.00	0.00	0.00

Quantitation Report

Data File : M:\LINUS\DATA\L210809\0809L217.D Vial: 17
Acq On : 27 Aug 21 10:51 Operator: LS
Sample : SV TUNE 7/2/21 Inst : Linus
Misc : Multiplr: 1.00
Quant Time: Aug 27 11:27 2021 Quant Results File: temp.res

Method : M:\LINUS\DATA\L210809\DFTPP2.M (Chemstation Integrator)
Title :
Last Update : Wed Jun 23 11:24:41 2021
Response via : Single Level Calibration





(6) Benzidine

7.35min 0.0000

response 4423422

Ion	Exp%	Act%
184.00	100	100
92.00	7.20	12.95#
185.00	13.60	12.81
0.00	0.00	0.00

Name of Final Standard	**SIM Curve**	**Prep'd By (Initials)**	**LS**
Prep Date	**07/08/21**		
Exp Date	**06/17/22**		

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	**07/08/21**	**06/17/22**	10 uL	100uL	**MC 60338 90uL**	0.1 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**06/17/21**	**06/17/22**	2 uL	*	*	2.5ug/mL
1.0 ug/mL SIM	APPL	1.0 ug/mL SIM	1.0 ug/mL	**07/08/21**	**06/17/22**	20 uL	100uL	**MC 60338 80uL**	0.2 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**06/17/21**	**06/17/22**	2 uL	*	*	2.5ug/mL
5.0 ug/mL SIM	APPL	5.0 ug/mL SIM	5.0 ug/mL	**07/08/21**	**06/17/22**	10 uL	100uL	**MC 60338 90uL**	0.5 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**06/17/21**	**06/17/22**	2 uL	*	*	2.5ug/mL
5.0 ug/mL SIM	APPL	5.0 ug/mL SIM	5.0 ug/mL	**07/08/21**	**06/17/22**	20 uL	100uL	**MC 60338 80 uL**	1.0 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**06/17/21**	**06/17/22**	2 uL	*	*	2.5ug/mL
SIM STOCK	APPL	SIM STOCK	200 ug/mL	**06/17/21**	**06/17/22**	5 uL	200uL	**MC 60338 190 uL**	5.0 ug/mL
SIM SURROGATE	APPL	SIM SURR	100 ug/mL	**06/17/21**	**06/17/22**	5 uL	*	*	2.5ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**06/17/21**	**06/17/22**	4 uL	*	*	2.5ug/mL
SIM STOCK	APPL	SIM STOCK	200 ug/mL	**06/17/21**	**06/17/22**	5 uL	100 uL	**MC 60338 90 uL**	10 ug/mL
SIM SURROGATE	APPL	SIM SURR	100 ug/mL	**06/17/21**	**06/17/22**	5 uL	*	*	5 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**06/17/21**	**06/17/22**	2 uL	*	*	2.5ug/mL
SIM STOCK	APPL	SIM STOCK	200 ug/mL	**06/17/21**	**06/17/22**	25 uL	100uL	**MC 60338 50 uL**	50 ug/mL
SIM SURROGATE	APPL	SIM SURR	100 ug/mL	**06/17/21**	**06/17/22**	25 uL	*	*	25 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**06/17/21**	**06/17/22**	2 uL	*	*	2.5ug/mL
SIM STOCK	APPL	SIM STOCK	200 ug/mL	**06/17/21**	**06/17/22**	50 uL	100uL	**na**	100 ug/mL
SIM SURROGATE	APPL	SIM SURR	100 ug/mL	**06/17/21**	**06/17/22**	50 uL	*	*	50 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**06/17/21**	**06/17/22**	2 uL	*	*	2.5ug/mL

Name of Final Standard	**8270 PAH SIM Second Source**	**Prep'd By (Initials)**	**LS**
Prep Date	**07/08/21**		
Exp Date	**06/17/22**		

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	**06/17/21**	**06/17/22**	5 uL	200uL	**MC 60338 195uL**	5 ug/mL
SIM Internal Standard	APPL	SIM Internal Standard	125 ug/mL	**06/17/21**	**06/17/22**	4 uL	*	*	2.5ug/mL

Name of Final Standard	PAH SIM Stock (Ampule)	Prep'd By (Initials)	LS
Prep Date	06/17/21		
Exp Date	06/17/22		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Custom PAH SIM Mix	Phenova	ALO-130490	200 ug/mL	**CL13121-52443**	**12/31/22**	1000 uL	1mL	**NA**	200 ug/mL

Name of Final Standard	SIM Surrogate	Prep'd By (Initials)	LS
Prep Date	06/17/21		
Exp Date	06/17/22		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Sim Surrogate Deuterated	Restek	33913	2000 ug/mL	**A0161454-50793**	**05/31/26**	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	06/17/21		
Exp Date	06/17/22		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
SV Internal Standard	Restek	31206	2000 ug/mL	**A0162879-50593**	**06/30/26**	625uL	10mL	**MC 60338**	125 ug/mL

Name of Final Standard	SIM SS Stock (Ampule second source)	Prep'd By	LS
Prep Date	06/17/21		
Exp Date	06/17/22		

Initial Standard Information						Final Standard Information			
Name of Initial Standard (from contianer Label)	Supplier	Supplier P/N# (or APPL Mix Name)	Conc.(range)	Lot # with QA # (or reference to APPL prep date)	Exp Date	Aliquot from Stock	Final Volume	Final Solvent + Lot# (or APPL Prep Date)	Final Standard Conc (range)
Custom PAH SIM Mix	Phenova	ALO-130490	200 ug/mL	**CL13117-51757**	**12/31/22**	1000 uL	1mL	**NA**	200 ug/mL

Name of Final Standard	SIM Surrogate
Prep Date	04/08/21
Exp Date	04/08/22

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)
Sim Surrogate Deuterated	Restek	33913	2000 ug/mL	A0161454-50791, 50792, 50794	05/31/26	2.5mL	50 mL	Acetone #241320	100 ug/mL

Name of Final Standard	**SIM Spike**
Prep Date	*05/28/21*
Exp Date	**05/28/22**

Prep'd By (Initials) **LS**

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)
Custom PAH Sim Mix	Phenova	AL0-130490	200 ug/mL	**CL13121- 50767 50768 50769 50770**	**12/31/22**	5 mL	25 mL	**Acetone 0246130**	40 ug/mL

Injection Log

Directory: M:\LINUS\DATA\L210715\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	3	0715L003.D	1	SV TUNE 7/2/21		15 Jul 21 8:48
2	4	0715L004.D	1	0.1 SIM 07/08/21		15 Jul 21 9:04
3	5	0715L005.D	1	0.2 SIM 07/08/21		15 Jul 21 9:26
4	6	0715L006.D	1	0.5 SIM 07/08/21		15 Jul 21 9:48
5	7	0715L007.D	1	1 SIM 07/08/21		15 Jul 21 10:10
6	8	0715L008.D	1	5 SIM 07/08/21		15 Jul 21 10:32
7	9	0715L009.D	1	10 SIM 07/08/21		15 Jul 21 10:55
8	10	0715L010.D	1	50 SIM 07/08/21		15 Jul 21 11:17
9	11	0715L011.D	1	100 SIM 07/08/21		15 Jul 21 11:39
10	12	0715L012.D	1	SS SIM 07/08/21		15 Jul 21 12:01
11	13	0809L213.D	1	SV TUNE 7/2/21		25 Aug 21 12:17
12	14	0809L214.D	1	5 SIM 07/08/21 (2)		25 Aug 21 12:33
13	17	0809L217.D	1	SV TUNE 7/2/21		27 Aug 21 10:51
14	18	0809L218.D	1	5 SIM 07/08/21 (2)		27 Aug 21 11:07
15	19	0809L219.D	1	210823A BLK 1/1000		27 Aug 21 11:34
16	20	0809L220.D	1	210823A LCS-2 1/1000		27 Aug 21 11:56
17	22	0809L222.D	1.17647	BA38281W05 1/850		27 Aug 21 12:40
18	23	0809L223.D	2.35294	BA38283W06 1/850 DF2		27 Aug 21 13:03
19	24	0809L224.D	1.17647	BA38285W05 1/850		27 Aug 21 13:25
20	25	0809L225.D	1.17647	BA38287W06 1/850		27 Aug 21 13:47
21	26	0809L226.D	1	210823A LCSD-2 1/1000		27 Aug 21 14:09
22	27	0809L227.D	1	5 SIM 07/08/21 (4)		27 Aug 21 15:08

Method Injection Log

Directory: M:\MAX\DATA\210916

Line	Vial	FileName	Mult	SampleName	Misc Info	Injected
1	1	0916M00.D	1	25ug/L BFB STD 7/13/21	2ul	09/16/2021 12:33
2	1	0916M01.D	1	blk	IS&S 8/4/21	09/16/2021 13:01
3	2	0916M02.D	1	blk	IS&S 8/4/21	09/16/2021 13:29
4	3	0916M03.D	1	0.3ug/L VOC STD 9/15/21	IS&S 8/4/21	09/16/2021 13:57
5	4	0916M04.D	1	0.5ug/L VOC STD 9/15/21	IS&S 8/4/21	09/16/2021 14:25
6	5	0916M05.D	1	1.0ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 14:53
7	6	0916M06.D	1	2.0ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 15:21
8	7	0916M07.D	1	5.0ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 15:49
9	8	0916M08.D	1	10ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 16:17
10	9	0916M09.D	1	20ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 16:45
11	10	0916M10.D	1	40ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 17:13
12	11	0916M11.D	1	100ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 17:41
13	12	0916M12.D	1	25ug/L BFB STD 7/13/21	IS&S 8/4/21	09/16/2021 18:09
14	13	0916M13.D	1	(SS) 10ug/L VOC STD 9/16/	IS&S 8/4/21	09/16/2021 18:37
15	14	0916M14.D	1	210916A LCS 10ug/L	IS&S 8/4/21	09/16/2021 19:05
16	15	0916M15.D	1	210916A LCSD 10ug/L	IS&S 8/4/21	09/16/2021 19:33
17	16	0916M16.D	1	210916A CCV/LCS 300ug/L	IS&S 8/4/21	09/16/2021 20:01
18	17	0916M17.D	1	210916A LCSD 300ug/L	IS&S 8/4/21	09/16/2021 20:29
19	18	0916M18.D	1	210916A BLK	IS&S 8/4/21	09/16/2021 20:57
20	19	0916M19.D	1	BA40151W01	97439: $86CGALENA	09/16/2021 21:26
21	20	0916M20.D	1	BA40152W01	97439: $86CGALENA	09/16/2021 21:54
22	21	0916M21.D	1	BA40153W01	97439: $86CGALENA	09/16/2021 22:22
23	22	0916M22.D	1	BA40154W01	97439: $86CGALENA	09/16/2021 22:50
24	23	0916M23.D	1	BA40155W01	97439: $86CGALENA	09/16/2021 23:18
25	24	0916M24.D	1	BA40156W01	97439: $86CGALENA	09/16/2021 23:46
26	25	0916M25.D	1	BA40157W01	97439: $86CGALENA	09/17/2021 00:14
27	26	0916M26.D	1	BA40158W01	97439: $86CGALENA	09/17/2021 00:42
28	27	0916M27.D	1	BA40159W01	97439: $86CGALENA	09/17/2021 01:10
29	28	0916M28.D	1	BA40160W01	97439: $86CGALENA	09/17/2021 01:38
30	29	0916M29.D	1	BA40163W01	97439: $86CGALENA	09/17/2021 02:06
31	30	0916M30.D	1	BA40165W01	97439: $86CGALENA	09/17/2021 02:34
32	31	0916M31.D	1	BA40166W01	97439: $86CGALENA	09/17/2021 03:02
33	32	0916M32.D	1	BA40167W01	97439: $86CGALENA	09/17/2021 03:30
34	33	0916M33.D	1	BA40168W01	97439: $86CGALENA	09/17/2021 03:58
35	34	0916M34.D	1	BA40169W01	97439: $86CGALENA	09/17/2021 04:26
36	35	0916M35.D	1	BA40170W01	97439: $86CGALENA	09/17/2021 04:54
37	36	0916M36.D	1	BA40171W01	97439: $86CGALENA	09/17/2021 05:22
38	37	0916M37.D	1	Ending CCV 10ug/L 9/16/21	IS&S 8/4/21	09/17/2021 05:50
39	38	0916M38.D	1	Ending CCV 300ug/L 9/16/2	IS&S 8/4/21	09/17/2021 06:18

Method Injection Log

Directory: M:\MAX\DATA\210916

Line	Vial	FileName	Mult	SampleName	Misc Info	Injected
1	1	0916M00.D	1	25ug/L BFB STD 7/13/21	2ul	09/16/2021 12:33
2	1	0916M01.D	1	blk	IS&S 8/4/21	09/16/2021 13:01
3	2	0916M02.D	1	blk	IS&S 8/4/21	09/16/2021 13:29
4	3	0916M03.D	1	0.3ug/L VOC STD 9/15/21	IS&S 8/4/21	09/16/2021 13:57
5	4	0916M04.D	1	0.5ug/L VOC STD 9/15/21	IS&S 8/4/21	09/16/2021 14:25
6	5	0916M05.D	1	1.0ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 14:53
7	6	0916M06.D	1	2.0ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 15:21
8	7	0916M07.D	1	5.0ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 15:49
9	8	0916M08.D	1	10ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 16:17
10	9	0916M09.D	1	20ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 16:45
11	10	0916M10.D	1	40ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 17:13
12	11	0916M11.D	1	100ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 17:41
13	12	0916M12.D	1	25ug/L BFB STD 7/13/21	IS&S 8/4/21	09/16/2021 18:09
14	13	0916M13.D	1	(SS) 10ug/L VOC STD 9/16/	IS&S 8/4/21	09/16/2021 18:37
15	14	0916M14.D	1	210916A LCS 10ug/L	IS&S 8/4/21	09/16/2021 19:05
16	15	0916M15.D	1	210916A LCSD 10ug/L	IS&S 8/4/21	09/16/2021 19:33
17	16	0916M16.D	1	210916A CCV/LCS 300ug/L	IS&S 8/4/21	09/16/2021 20:01
18	17	0916M17.D	1	210916A LCSD 300ug/L	IS&S 8/4/21	09/16/2021 20:29
19	18	0916M18.D	1	210916A BLK	IS&S 8/4/21	09/16/2021 20:57
20	19	0916M19.D	1	BA40151W01	97439: $86CGALENA	09/16/2021 21:26
21	20	0916M20.D	1	BA40152W01	97439: $86CGALENA	09/16/2021 21:54
22	21	0916M21.D	1	BA40153W01	97439: $86CGALENA	09/16/2021 22:22
23	22	0916M22.D	1	BA40154W01	97439: $86CGALENA	09/16/2021 22:50
24	23	0916M23.D	1	BA40155W01	97439: $86CGALENA	09/16/2021 23:18
25	24	0916M24.D	1	BA40156W01	97439: $86CGALENA	09/16/2021 23:46
26	25	0916M25.D	1	BA40157W01	97439: $86CGALENA	09/17/2021 00:14
27	26	0916M26.D	1	BA40158W01	97439: $86CGALENA	09/17/2021 00:42
28	27	0916M27.D	1	BA40159W01	97439: $86CGALENA	09/17/2021 01:10
29	28	0916M28.D	1	BA40160W01	97439: $86CGALENA	09/17/2021 01:38
30	29	0916M29.D	1	BA40163W01	97439: $86CGALENA	09/17/2021 02:06
31	30	0916M30.D	1	BA40165W01	97439: $86CGALENA	09/17/2021 02:34
32	31	0916M31.D	1	BA40166W01	97439: $86CGALENA	09/17/2021 03:02
33	32	0916M32.D	1	BA40167W01	97439: $86CGALENA	09/17/2021 03:30
34	33	0916M33.D	1	BA40168W01	97439: $86CGALENA	09/17/2021 03:58
35	34	0916M34.D	1	BA40169W01	97439: $86CGALENA	09/17/2021 04:26
36	35	0916M35.D	1	BA40170W01	97439: $86CGALENA	09/17/2021 04:54
37	36	0916M36.D	1	BA40171W01	97439: $86CGALENA	09/17/2021 05:22
38	37	0916M37.D	1	Ending CCV 10ug/L 9/16/21	IS&S 8/4/21	09/17/2021 05:50
39	38	0916M38.D	1	Ending CCV 300ug/L 9/16/2	IS&S 8/4/21	09/17/2021 06:18

Method Injection Log

Directory: M:\MAX\DATA\210916

Line	Vial	FileName	Mult	SampleName	Misc Info	Injected
1	1	0916M00.D	1	25ug/L BFB STD 7/13/21	2ul	09/16/2021 12:33
2	1	0916M01.D	1	blk	IS&S 8/4/21	09/16/2021 13:01
3	2	0916M02.D	1	blk	IS&S 8/4/21	09/16/2021 13:29
4	3	0916M03.D	1	0.3ug/L VOC STD 9/15/21	IS&S 8/4/21	09/16/2021 13:57
5	4	0916M04.D	1	0.5ug/L VOC STD 9/15/21	IS&S 8/4/21	09/16/2021 14:25
6	5	0916M05.D	1	1.0ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 14:53
7	6	0916M06.D	1	2.0ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 15:21
8	7	0916M07.D	1	5.0ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 15:49
9	8	0916M08.D	1	10ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 16:17
10	9	0916M09.D	1	20ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 16:45
11	10	0916M10.D	1	40ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 17:13
12	11	0916M11.D	1	100ug/L VOC STD 9/16/21	IS&S 8/4/21	09/16/2021 17:41
13	12	0916M12.D	1	25ug/L BFB STD 7/13/21	IS&S 8/4/21	09/16/2021 18:09
14	13	0916M13.D	1	(SS) 10ug/L VOC STD 9/16/	IS&S 8/4/21	09/16/2021 18:37
15	14	0916M14.D	1	210916A LCS 10ug/L	IS&S 8/4/21	09/16/2021 19:05
16	15	0916M15.D	1	210916A LCSD 10ug/L	IS&S 8/4/21	09/16/2021 19:33
17	16	0916M16.D	1	210916A CCV/LCS 300ug/L	IS&S 8/4/21	09/16/2021 20:01
18	17	0916M17.D	1	210916A LCSD 300ug/L	IS&S 8/4/21	09/16/2021 20:29
19	18	0916M18.D	1	210916A BLK	IS&S 8/4/21	09/16/2021 20:57
20	19	0916M19.D	1	BA40151W01	97439: $86CGALENA	09/16/2021 21:26
21	20	0916M20.D	1	BA40152W01	97439: $86CGALENA	09/16/2021 21:54
22	21	0916M21.D	1	BA40153W01	97439: $86CGALENA	09/16/2021 22:22
23	22	0916M22.D	1	BA40154W01	97439: $86CGALENA	09/16/2021 22:50
24	23	0916M23.D	1	BA40155W01	97439: $86CGALENA	09/16/2021 23:18
25	24	0916M24.D	1	BA40156W01	97439: $86CGALENA	09/16/2021 23:46
26	25	0916M25.D	1	BA40157W01	97439: $86CGALENA	09/17/2021 00:14
27	26	0916M26.D	1	BA40158W01	97439: $86CGALENA	09/17/2021 00:42
28	27	0916M27.D	1	BA40159W01	97439: $86CGALENA	09/17/2021 01:10
29	28	0916M28.D	1	BA40160W01	97439: $86CGALENA	09/17/2021 01:38
30	29	0916M29.D	1	BA40163W01	97439: $86CGALENA	09/17/2021 02:06
31	30	0916M30.D	1	BA40165W01	97439: $86CGALENA	09/17/2021 02:34
32	31	0916M31.D	1	BA40166W01	97439: $86CGALENA	09/17/2021 03:02
33	32	0916M32.D	1	BA40167W01	97439: $86CGALENA	09/17/2021 03:30
34	33	0916M33.D	1	BA40168W01	97439: $86CGALENA	09/17/2021 03:58
35	34	0916M34.D	1	BA40169W01	97439: $86CGALENA	09/17/2021 04:26
36	35	0916M35.D	1	BA40170W01	97439: $86CGALENA	09/17/2021 04:54
37	36	0916M36.D	1	BA40171W01	97439: $86CGALENA	09/17/2021 05:22
38	37	0916M37.D	1	Ending CCV 10ug/L 9/16/21	IS&S 8/4/21	09/17/2021 05:50
39	38	0916M38.D	1	Ending CCV 300ug/L 9/16/2	IS&S 8/4/21	09/17/2021 06:18

Method Injection Log

Directory: M:\MAX\DATA\210916

Line	Vial	FileName	Mult	SampleName	Misc Info	Injected
40	39	0916M39.D	1	25ug/L BFB STD 7/13/21	IS&S 8/4/21	09/17/2021 06:46
41	40	0916M40.D	1	210916B CCV 10ug/L	IS&S 8/4/21	09/17/2021 07:15
42	41	0916M41.D	1	210916B LCS 10ug/L	IS&S 8/4/21	09/17/2021 07:43
43	42	0916M42.D	1	210916B LCSD 10ug/L	IS&S 8/4/21	09/17/2021 08:11
47	46	0916M46.D	1	210916B BLK	IS&S 8/4/21	09/17/2021 10:03
48	47	0916M47.D	1	210916B BLK	IS&S 8/4/21	09/17/2021 10:31
49	48	0916M48.D	1	BA40178W01	97439: $86CGALENA	09/17/2021 10:59
50	49	0916M49.D	1	BA40172W01	97439: $86CGALENA	09/17/2021 11:27
51	50	0916M50.D	1	BA40173W01	97439: $86CGALENA	09/17/2021 11:55
52	51	0916M51.D	1	BA40174W01	97439: $86CGALENA	09/17/2021 12:23
53	52	0916M52.D	1	BA40175W01	97439: $86CGALENA	09/17/2021 12:51
54	53	0916M53.D	1	BA40176W01	97439: $86CGALENA	09/17/2021 13:19
55	54	0916M54.D	1	BA40177W01	97439: $86CGALENA	09/17/2021 13:47
56	55	0916M55.D	1	BA40179W01	97439: $86CGALENA	09/17/2021 14:15
57	56	0916M56.D	1	BA40180W01	97439: $86CGALENA	09/17/2021 14:43
58	57	0916M57.D	1	BA40181W01	97439: $86CGALENA	09/17/2021 15:11
59	58	0916M58.D	1	BA39793W01	97403: $826AW	09/17/2021 15:39
60	59	0916M59.D	1	BA39794W01	97403: $826AW	09/17/2021 16:07
61	60	0916M60.D	1	BA39783W01	97409: $86CFERNIXW	09/17/2021 16:35
62	61	0916M61.D	1	BA39990W01	97440: $86CGALENA	09/17/2021 17:03
63	62	0916M62.D	1	BA37072W02	97015: $86BTOTXDOD5W, $GASBL, $GRO86BW	09/17/2021 17:31
64	63	0916M63.D	1	BA37073W02	97015: $86BTOTXDOD5W, $GASBL, $GRO86BW	09/17/2021 17:59
65	64	0916M64.D	1	Ending CCV 10ug/L 9/16/21	IS&S 8/4/21	09/17/2021 18:27

ORGANICS

Calibration Data

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 6
Initial Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Initial Cal. Date: 8/25/2021
Matrix: Instrument: Max Initials:

		Compound	0825M12.D 1	0825M13.D 2	0825M14.D 3	0825M15.D 4	0825M16.D 5	0825M17.D 6	0825M18.D 7	0825M19.D 8	0825M20.D 9		Avg	%RSD	Type	r^2	Q	MRF
1	I	Fluorobenzene (IS)																
2	TM	Chlorotrifluoroethene													TM			
3	TM	Dichlorodifluoromethane			0.1570	0.1657	0.1278	0.1619	0.1544	0.1780	0.1734		0.16	10	TM			
4	TML	Freon 114	0.1923	0.1117	0.1463	0.1199	0.0778	0.0983	0.0914	0.1031	0.0938		0.11	30	TM	0.998		
5	TM**	Chloromethane			0.0964	0.0922	0.0796	0.0867	0.0923	0.0921	0.0949		0.09	6.3	TM**			
6	TM*	Vinyl chloride		0.1122	0.0942	0.1127	0.0864	0.1107	0.0994	0.1125	0.1116		0.10	9.8	TM*			
7	TM	2-Chloro-1,1,1-trifluoroethane													TM			
8	TM	Bromomethane		0.0852	0.1076	0.0852	0.0786	0.0713	0.0855	0.0844	0.0859		0.09	12	TM			
9	TM	Chloroethane			0.0661	0.0473	0.0448	0.0512	0.0506	0.0475	0.0478		0.05	14	TM			
10	TM	Dichlorofluoromethane			0.2160	0.2001	0.1789	0.1888	0.1852	0.2046	0.1992		0.20	6.5	TM			
11	TM	Trichlorofluoromethane		0.2823	0.2651	0.2627	0.2369	0.2731	0.2680	0.2856	0.2797		0.27	5.7	TM			
12	TM	2,2-Dichloro-1,1,1-trifluoroethane													TM			
13	TM	Acrolein	0.0130	0.0122	0.0134	0.0136	0.0132	0.0132	0.0139	0.0131	0.0130		0.01	3.6	TM			
14	TM	Acetone			0.0144	0.0154	0.0152	0.0157	0.0137	0.0161	0.0150		0.02	5.3	TM			
15	TM	Freon-113			0.1106	0.1325	0.1028	0.1231	0.1213	0.1291	0.1228		0.12	8.6	TM			
16	TM	Acetonitrile		0.0085	0.0071	0.0079	0.0075	0.0076	0.0076	0.0085	0.0082		0.01	6.4	TM			
17	TM	2-propanol													TM			
18	TML	1,2-Dichlorotrifluoroethane		0.1474	0.1393	0.1440	0.0846	0.0964	0.1116	0.1129	0.1130		0.12	19	TM	1.000		
19	TM*	1,1-DCE		0.1899	0.1972	0.1926	0.1250	0.1751	0.1552	0.1747	0.1661		0.17	14	TM*			
20	TM	t-Butanol		0.0100	0.0094	0.0102	0.0101	0.0106	0.0104	0.0099	0.0108		0.01	4.4	TM			
21	TM	Methyl Acetate			0.0517	0.0711	0.0472	0.0519	0.0507	0.0563	0.0524		0.05	14	TM			
22	TML	Iodomethane			0.0595	0.0622	0.0528	0.0881	0.0982	0.1295	0.1428		0.09	39	TM	0.997		
23	TML	Acrylonitrile	0.0200	0.0150	0.0128	0.0322	0.0138	0.0328	0.0290	0.0311	0.0279		0.02	35	TM	0.997		
24	TM	2-Methylpentane													TM			
25	TML	Methylene chloride			0.1868	0.1442	0.1011	0.1039	0.1012	0.1093	0.1039		0.12	27	TM	0.999		
26	TM	Carbon disulfide		0.1795	0.2121	0.2095	0.1370	0.1588	0.1647	0.1826	0.1661		0.18	14	TM			
27	TM	Methyl t-butyl ether (MtBE)		0.3837	0.4681	0.3795	0.2981	0.3675	0.3547	0.3731	0.3557		0.37	13	TM			
28	TM	Trans-1,2-DCE			0.1169	0.1356	0.1129	0.1116	0.1203	0.1314	0.1208		0.12	7.5	TM			
29	TM	3-Methylpentane													TM			
30	TML	Hexane			0.0398	0.0425	0.0302	0.0403	0.0467	0.0498	0.0507		0.04	16	TM	1.000		
31	TM	Diisopropyl Ether	0.2328	0.2537	0.2053	0.2737	0.2082	0.2546	0.2374	0.2539	0.2458		0.24	9.3	TM			
32	TM**	1,1-DCA		0.2017	0.2398	0.2100	0.1534	0.1845	0.1782	0.1936	0.1893		0.19	13	TM**			
33	TML	Vinyl Acetate			0.0805	0.1247	0.0940	0.1123	0.1031	0.0744	0.0843		0.10	19	TM	0.994		
34	TM	Ethyl tert Butyl Ether		0.3167	0.3542	0.3101	0.2547	0.3232	0.2938	0.3362	0.3152		0.31	9.5	TM			
35	TM	Methylcyclopentane													TM			

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		Q	MRF
36	TM	MEK (2-Butanone)	0.0169	0.0159	0.0156	0.0158	0.0164	0.0169	0.0177	0.0179	0.0153		0.02	5.6	TM			
37	TM	Cis-1,2-DCE			0.1236	0.1508	0.1089	0.1442	0.1294	0.1442	0.1332		0.13	11	TM			
38	TM	2,2-Dichloropropane			0.2399	0.2459	0.1955	0.2208	0.2134	0.2302	0.2148		0.22	7.7	TM			
39	TM*	Chloroform		0.2577	0.2744	0.2497	0.1872	0.2527	0.2229	0.2566	0.2455		0.24	11	TM*			
40	TM	Bromochloromethane		0.0963	0.1003	0.1051	0.0887	0.1035	0.1022	0.1126	0.1045		0.10	6.9	TM			
41	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			
42	TM	1,1,1-TCA			0.2755	0.2519	0.2267	0.2695	0.2604	0.2878	0.2632		0.26	7.4	TM			
43	TML	Cyclohexane	0.1040	0.0913	0.1135	0.0954	0.0701	0.0777	0.0752	0.0836	0.0787		0.09	16	TM	0.999		
44	TM	1,1-Dichloropropene		0.1692	0.1861	0.1582	0.1210	0.1415	0.1436	0.1592	0.1506		0.15	13	TM			
45	TM	2,2,4-Trimethylpentane		0.2243	0.2072	0.2172	0.1813	0.2294	0.2171	0.2338	0.2258		0.22	7.7	TM			
46	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			
47	TM	Carbon Tetrachloride	0.2462	0.1849	0.2733	0.2476	0.2021	0.2636	0.2395	0.2683	0.2471		0.24	12	TM			
48	TM	Tert Amyl Methyl Ether			0.3031	0.3407	0.2510	0.3163	0.2953	0.3280	0.3051		0.31	9.4	TM			
49	TM	1,2-DCA			0.2788	0.2412	0.1710	0.2195	0.2048	0.2172	0.2074		0.22	15	TM			
50	TM	Benzene		0.4552	0.4738	0.4490	0.3433	0.4314	0.4088	0.4546	0.4209		0.43	9.5	TM			
51	TM	TCE		0.1490	0.1555	0.1344	0.1041	0.1263	0.1197	0.1434	0.1278		0.13	13	TM			
52	TM	2-Pentanone	0.0603	0.0462	0.0554	0.0546	0.0563	0.0531	0.0553	0.0553	0.0493		0.05	7.6	TM			
53	TM*L	1,2-Dichloropropane		0.0758	0.0680	0.0422	0.0441	0.0508	0.0502	0.0535	0.0498		0.05	21	TM*	0.999		
54	TM	Bromodichloromethane		0.1762	0.2090	0.2333	0.1483	0.1865	0.1892	0.1996	0.1876		0.19	13	TM			
55	TM	Methyl Cyclohexane			0.1881	0.1838	0.1334	0.1683	0.1492	0.1739	0.1679		0.17	12	TM			
56	TM	Dibromomethane			0.0734	0.0868	0.0650	0.0722	0.0713	0.0773	0.0754		0.07	9.0	TM			
57	TM	MIBK (methyl isobutyl ketone)		0.0370	0.0334	0.0327	0.0309	0.0303	0.0321	0.0317	0.0307		0.03	6.6	TM			
58	TM	1-Bromo-2-chloroethane			0.0229	0.0251	0.0256	0.0282	0.0250	0.0286	0.0269		0.03	7.7	TM			
59	TM	2-Chloroethyl vinyl ether													TM			
60	TM	Cis-1,3-Dichloropropene		0.1133	0.1020	0.1245	0.0893	0.1008	0.1068	0.1110	0.1065		0.11	9.6	TM			
61	TM*	Toluene			0.5664	0.4911	0.3750	0.4808	0.4721	0.5018	0.4789		0.48	12	TM*			
62	TM	Trans-1,3-Dichloropropene		0.1769	0.1702	0.1618	0.1393	0.1740	0.1757	0.1883	0.1812		0.17	8.7	TM			
63	TML	1,1,2-TCA		0.0917	0.1149	0.0784	0.0532	0.0747	0.0730	0.0762	0.0721		0.08	22	TM	0.999		
64	TM	2-Hexanone		0.0213	0.0179	0.0219	0.0212	0.0215	0.0207	0.0234	0.0211		0.02	7.4	TM			
65	I	Chlorobenzene-D5 (IS)																
66	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			
67	TM	1,2-EDB	0.1264	0.1421	0.1300	0.1530	0.0933	0.1417	0.1277	0.1336	0.1265		0.13	13	TM			
68	TM	Tetrachloroethene		0.1210	0.1276	0.1405	0.1053	0.1263	0.1144	0.1353	0.1218		0.12	9.0	TM			
69	TM	1-Chlorohexane		0.1575	0.1602	0.1570	0.1197	0.1540	0.1432	0.1720	0.1567		0.15	10	TM			
70	TM	1,1,1,2-Tetrachloroethane		0.2163	0.2373	0.2081	0.1518	0.1957	0.1881	0.2058	0.1895		0.20	13	TM			

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		Q	MRF
71	TM	m&p-Xylene	0.3287	0.2942	0.3046	0.2888	0.2340	0.2820	0.2713	0.2996	0.2767		0.29	9.1	TM			
72	TM	o-Xylene		0.3406	0.3037	0.2905	0.2092	0.2838	0.2660	0.2963	0.2767		0.28	13	TM			
73	TM	Styrene		0.4898	0.4768	0.5000	0.3307	0.4569	0.4212	0.4683	0.4442		0.45	12	TM			
74	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			
75	TM	1,3-Dichloropropane		0.2300	0.2145	0.1785	0.1571	0.1946	0.1860	0.1943	0.1840		0.19	12	TM			
76	TM	Dibromochloromethane		0.1782	0.1954	0.2213	0.1449	0.2008	0.1727	0.1962	0.1840		0.19	12	TM			
77	TM**	Chlorobenzene	0.4564	0.4071	0.4736	0.4366	0.3387	0.4467	0.4227	0.4587	0.4297		0.43	9.3	TM**			
78	TM*	Ethylbenzene		0.7471	0.6786	0.7245	0.5025	0.6587	0.6123	0.6935	0.6593		0.66	12	TM*			
79	TM**	Bromoform			0.1578	0.1672	0.1128	0.1629	0.1359	0.1598	0.1440		0.15	13	TM**			
80	I	1,4-Dichlorobenzene-D (IS)																
81	TM	Isopropylbenzene		1.210	1.187	1.284	0.9174	1.180	1.095	1.173	1.093		1.1	9.6	TM			
82	TM**	1,1,2,2-Tetrachloroethane			0.2152	0.2153	0.1443	0.1923	0.1889	0.1910	0.2045		0.19	13	TM**			
83	TM	1,2,3-Trichloropropane		0.0894	0.0884	0.0851	0.0636	0.1024	0.0914	0.0977	0.0885		0.09	13	TM			
84	TM	t-1,4-Dichloro-2-Butene		0.0429	0.0363	0.0558	0.0411	0.0499	0.0487	0.0526			0.05	15	TM			
85	TM	Bromobenzene			0.3769	0.3971	0.2744	0.3987	0.3618	0.3932	0.3631		0.37	12	TM			
86	TM	n-Propylbenzene		1.306	1.188	1.196	0.8854	1.190	1.111	1.221	1.131		1.2	11	TM			
87	TM	4-Ethyltoluene		1.150	1.146	1.150	0.8548	1.106	1.057	1.145	1.075		1.1	9.2	TM			
88	TML	2-Chlorotoluene	0.8280	1.010	1.109	0.9797	0.7339	0.9032	0.8261	0.7675			0.89	15	TM	0.997		
89	TM	1,3,5-Trimethylbenzene		1.023	0.9399	1.002	0.7660	0.9872	0.9205	0.9947	0.9517		0.95	8.6	TM			
90	TM	4-Chlorotoluene		0.8606	0.9299	0.8949	0.7277	0.8917	0.8392	0.9046	0.8494		0.86	7.2	TM			
91	TM	Tert-Butylbenzene			0.6302	0.5254	0.4542	0.6123	0.5883	0.6229	0.6037		0.58	11	TM			
92	TM	1,2,4-Trimethylbenzene		1.037	1.066	0.9361	0.7010	0.9837	0.9558	1.024	0.9680		0.96	12	TM			
93	TM	Sec-Butylbenzene		1.091	1.024	1.065	0.8705	1.141	1.078	1.193	1.122		1.1	9.0	TM			
94	TM	p-Isopropyltoluene			1.015	1.106	0.8029	1.093	1.047	1.176	1.132		1.1	12	TM			
95	TML	Benzyl Chloride			0.3203	0.2531	0.2457	0.2833	0.2589	0.2885	0.3311		0.28	12	TM	0.997		
96	TM	1,3-DCB			0.6526	0.7164	0.5399	0.6887	0.6346	0.6722	0.6685		0.65	8.6	TM			
97	TM	1,4-DCB			0.8275	0.6891	0.5391	0.6739	0.6459	0.6938	0.6538		0.67	13	TM			
98	TM	n-Butylbenzene		0.6669	0.6254	0.5427	0.5117	0.6749	0.6602	0.7702	0.7808		0.65	15	TM			
99	TM	1,2-DCB			0.7521	0.6434	0.4937	0.6910	0.6381	0.6853	0.6862		0.66	12	TM			
100	TM	Hexachloroethane	0.1975	0.1937	0.2259	0.1619	0.1708	0.1857	0.1805	0.1949	0.1884		0.19	9.6	TM			
101	TML	1,2-Dibromo-3-chloropropane		0.0242	0.0709	0.0549	0.0514	0.0800	0.0648	0.0758	0.0867		0.06	31	TM	0.996		
102	TML	1,2,4-Trichlorobenzene		0.3062	0.2651	0.2999	0.2172	0.3766	0.4128	0.5109	0.6036		0.37	35	TM	0.994		
103	TML	Hexachlorobutadiene	0.2877	0.2225	0.2556	0.2657	0.1897	0.3038	0.2790	0.3226	0.3481		0.27	18	TM	0.998		
104	TML	Naphthalene			0.1782	0.2096	0.1777	0.3032	0.3288	0.4612	0.5470		0.32	46	TM	0.994		
105	TML	1,2,3-Trichlorobenzene			0.2853	0.2073	0.2050	0.3190	0.3540	0.4430	0.5288		0.33	36	TM	0.995		

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		Q	MRF
106																		
107																		
108																		
109																		
110																		
111																		
112																		
113																		
114																		
115																		
116																		
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137																		
138																		
139																		
140																		

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 10:54 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 10:53:26 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
65) Chlorobenzene-D5 (IS)	9.41	117	221472	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.75	152	137587	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.41	111	18913	5.84	ppb		0.00
Spiked Amount 25.000			Recovery = 23.372%				
46) 1,2-DCA-D4(S)	5.81	65	11779	5.54	ppb		0.00
Spiked Amount 25.000			Recovery = 22.148%				
66) Toluene-D8(S)	7.95	98	61590	5.93	ppb		0.00
Spiked Amount 25.000			Recovery = 23.720%				
74) 4-Bromofluorobenzene(S)	10.60	95	23749	5.86	ppb		0.00
Spiked Amount 25.000			Recovery = 23.444%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.09	85	487	0.28	ppb	#	49
5) Chloromethane	1.22	50	639	0.66	ppb		93
6) Vinyl chloride	1.32	62	347	0.31	ppb	#	48
8) Bromomethane	1.57	94	363	0.40	ppb		99
9) Chloroethane	1.68	64	291	0.53	ppb	#	42
10) Dichlorofluoromethane	1.84	67	565	0.27	ppb		88
11) Trichlorofluoromethane	1.88	101	884	0.31	ppb	#	72
13) Acrolein	2.29	56	1393	9.85	ppb	#	73
14) Acetone	2.46	43	1064	6.58	ppb		84
15) Freon-113	2.39	151	433	0.34	ppb	#	34
16) Acetonitrile	2.76	41	960	11.39	ppb		91
18) 1,2-Dichlorotrifluoroethan	2.18	67	318	0.58	ppb	#	1
19) 1,1-DCE	2.37	61	537	0.29	ppb	#	86
20) t-Butanol	3.17	59	1229	11.25	ppb	#	62
21) Methyl Acetate	2.82	43	117	0.20	ppb	#	48
22) Iodomethane	2.51	142	314	2.40	ppb	#	68
25) Methylene chloride	2.91	84	1103	0.56	ppb		80
26) Carbon disulfide	2.56	76	758	0.40	ppb	#	64
27) Methyl t-butyl ether (MtBE	3.29	73	1431	0.36	ppb	#	52
28) Trans-1,2-DCE	3.25	96	434	0.33	ppb	#	53
30) Hexane	3.63	56	238	1.69	ppb	#	21
31) Diisopropyl Ether	4.05	45	500	0.19	ppb	#	63
32) 1,1-DCA	3.86	63	912	0.44	ppb	#	65
33) Vinyl Acetate	4.03	43	300	-0.94	ppb	#	79
34) Ethyl tert Butyl Ether	4.59	59	959	0.29	ppb	#	47
36) MEK (2-Butanone)	4.85	43	907	5.12	ppb	#	54
37) Cis-1,2-DCE	4.74	96	564	0.39	ppb	#	54
38) 2,2-Dichloropropane	4.72	77	578	0.24	ppb	#	82
39) Chloroform	5.22	83	2838	1.09	ppb		95
40) Bromochloromethane	5.07	130	573	0.53	ppb	#	70
42) 1,1,1-TCA	5.38	97	1060	0.38	ppb		90
43) Cyclohexane	5.45	41	335	0.27	ppb	#	27
44) 1,1-Dichloropropene	5.62	75	345	0.21	ppb	#	36
45) 2,2,4-Trimethylpentane	5.98	57	880	0.38	ppb	#	74
47) Carbon Tetrachloride	5.59	117	793	0.31	ppb	#	67
48) Tert Amyl Methyl Ether	6.06	73	794	0.24	ppb	#	78
49) 1,2-DCA	5.91	62	842	0.34	ppb	#	81
50) Benzene	5.86	78	1689	0.37	ppb	#	82
51) TCE	6.64	95	610	0.43	ppb	#	62
52) 2-Pentanone	6.90	43	6470	11.16	ppb		97

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

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 10:54 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 10:53:26 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
53)	1,2-Dichloropropane	6.88	63	278	0.27	ppb	#	89
54)	Bromodichloromethane	7.20	83	709	0.35	ppb	#	32
55)	Methyl Cyclohexane	6.82	83	629	0.35	ppb		99
56)	Dibromomethane	6.99	93	196	0.25	ppb	#	25
57)	MIBK (methyl isobutyl ket	7.89	43	1501	4.32	ppb	#	89
58)	1-Bromo-2-chloroethane	7.52	144	106	0.38	ppb	#	15
60)	Cis-1,3-Dichloropropene	7.69	39	394	0.34	ppb	#	62
61)	Toluene	8.02	91	1939	0.38	ppb	#	69
62)	Trans-1,3-Dichloropropene	8.28	75	725	0.40	ppb	#	80
63)	1,1,2-TCA	8.46	83	347	0.25	ppb		83
64)	2-Hexanone	8.75	43	786	3.46	ppb	#	95
67)	1,2-EDB	8.94	107	336	0.29	ppb	#	72
68)	Tetrachloroethene	8.57	164	547	0.50	ppb	#	65
69)	1-Chlorohexane	9.45	91	525	0.39	ppb	#	70
70)	1,1,1,2-Tetrachloroethane	9.54	131	626	0.35	ppb		99
71)	m&p-Xylene	9.69	106	1747	0.69	ppb		95
72)	o-Xylene	10.08	106	950	0.38	ppb		74
73)	Styrene	10.10	104	1484	0.37	ppb	#	81
75)	1,3-Dichloropropane	8.63	76	467	0.27	ppb		98
76)	Dibromochloromethane	8.84	129	808	0.49	ppb		91
77)	Chlorobenzene	9.44	112	1213	0.32	ppb	#	75
78)	Ethylbenzene	9.56	91	2176	0.37	ppb		96
79)	Bromoform	10.27	173	236	0.18	ppb		94
81)	Isopropylbenzene	10.46	105	2440	0.39	ppb	#	87
82)	1,1,2,2-Tetrachloroethane	10.77	83	478	0.45	ppb	#	55
83)	1,2,3-Trichloropropane	10.79	110	180	0.37	ppb		90
84)	t-1,4-Dichloro-2-Butene	10.84	53	20	0.08	ppb	#	14
85)	Bromobenzene	10.73	156	725	0.36	ppb		83
86)	n-Propylbenzene	10.87	91	2348	0.37	ppb		89
87)	4-Ethyltoluene	10.98	105	2610	0.44	ppb	#	59
88)	2-Chlorotoluene	10.94	91	1367	0.28	ppb		83
89)	1,3,5-Trimethylbenzene	11.05	105	2272	0.44	ppb	#	70
90)	4-Chlorotoluene	11.05	91	2100	0.44	ppb	#	67
91)	Tert-Butylbenzene	11.37	119	1210	0.38	ppb	#	91
92)	1,2,4-Trimethylbenzene	11.42	105	2366	0.45	ppb	#	72
93)	Sec-Butylbenzene	11.59	105	2341	0.40	ppb		87
94)	p-Isopropyltoluene	11.74	119	2457	0.42	ppb	#	69
95)	Benzyl Chloride	11.92	91	885	0.57	ppb	#	77
96)	1,3-DCB	11.77	146	1887	0.52	ppb	#	74
97)	1,4-DCB	11.69	146	1368	0.37	ppb	#	79
98)	n-Butylbenzene	12.14	91	1903	0.53	ppb	#	83
99)	1,2-DCB	12.13	146	1542	0.43	ppb		95
100)	Hexachloroethane	12.38	117	326	0.31	ppb		94
102)	1,2,4-Trichlorobenzene	13.74	180	993	3.06	ppb	#	64
103)	Hexachlorobutadiene	13.92	225	475	1.53	ppb	#	71
104)	Naphthalene	13.98	128	962	3.51	ppb	#	69
105)	1,2,3-Trichlorobenzene	14.23	180	463	3.58	ppb	#	49

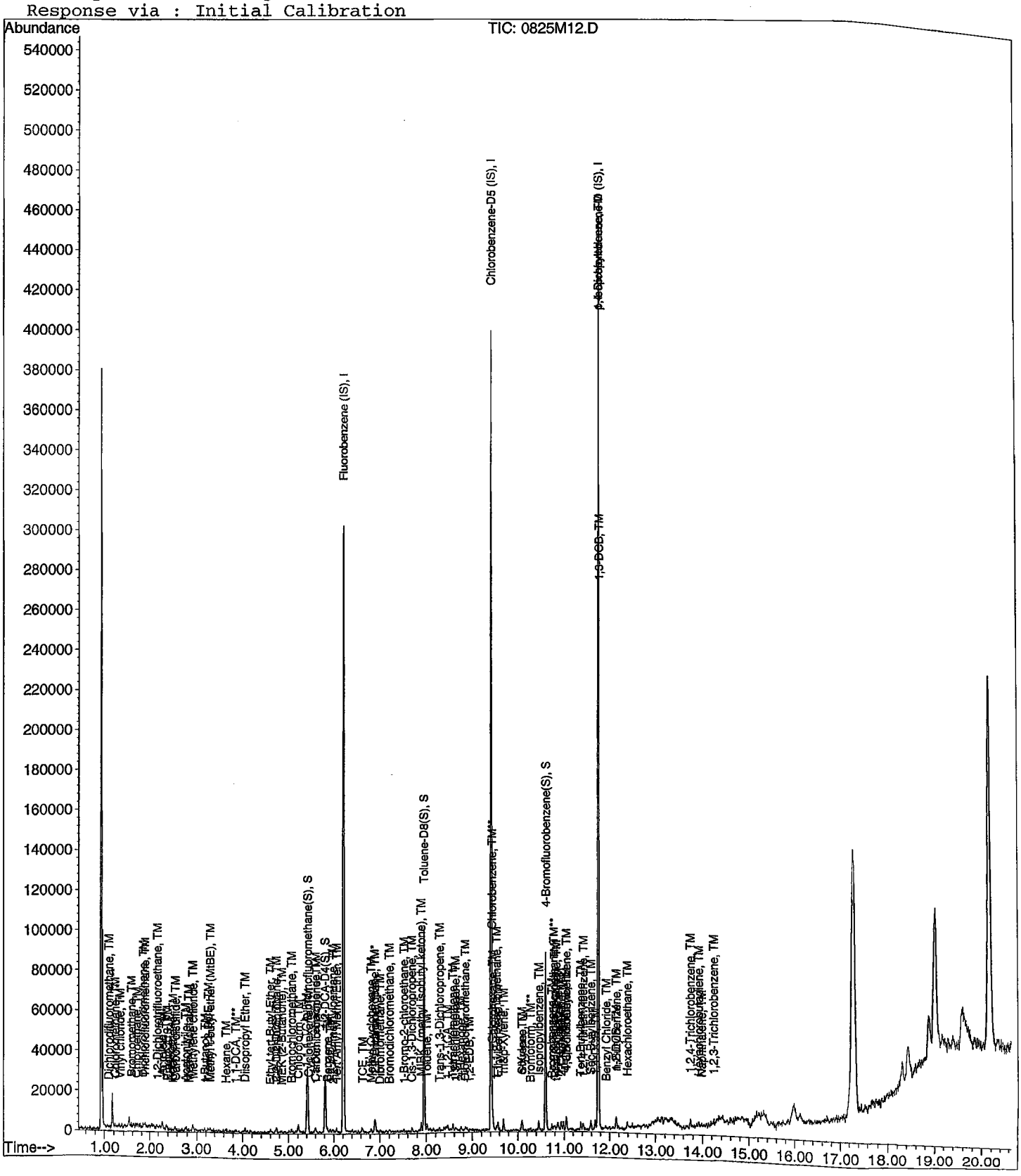
(#) = qualifier out of range (m) = manual integration

Quantitation Report

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 10:54 2021 Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 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 10:54 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 10:53:26 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
65) Chlorobenzene-D5 (IS)	9.41	117	226950	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.75	152	138629	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.42	111	18480	5.67	ppb		0.00
Spiked Amount 25.000			Recovery = 22.664%				
46) 1,2-DCA-D4(S)	5.81	65	11650	5.44	ppb		0.00
Spiked Amount 25.000			Recovery = 21.744%				
66) Toluene-D8(S)	7.95	98	60175	5.65	ppb		0.00
Spiked Amount 25.000			Recovery = 22.616%				
74) 4-Bromofluorobenzene(S)	10.60	95	23472	5.65	ppb		0.00
Spiked Amount 25.000			Recovery = 22.612%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.09	85	733	0.42	ppb	#	63
4) Freon 114	1.18	85	604	0.23	ppb		95
5) Chloromethane	1.22	50	649	0.66	ppb	#	76
6) Vinyl chloride	1.31	62	607	0.53	ppb		94
8) Bromomethane	1.57	94	461	0.50	ppb		87
9) Chloroethane	1.73	64	445	0.81	ppb	#	42
10) Dichlorofluoromethane	1.84	67	1189	0.56	ppb		91
11) Trichlorofluoromethane	1.88	101	1527	0.52	ppb		79
13) Acrolein	2.30	56	3301	23.18	ppb		97
14) Acetone	2.46	43	2098	12.87	ppb		91
15) Freon-113	2.39	151	314	0.24	ppb	#	78
16) Acetonitrile	2.77	41	2287	26.94	ppb		96
18) 1,2-Dichlorotrifluoroethan	2.19	67	797	0.96	ppb	#	90
19) 1,1-DCE	2.37	61	1027	0.55	ppb	#	85
20) t-Butanol	3.17	59	2716	24.68	ppb		97
21) Methyl Acetate	2.84	43	234	0.40	ppb	#	48
22) Iodomethane	2.51	142	404	2.45	ppb	#	55
23) Acrylonitrile	3.30	53	81	0.09	ppb	#	23
25) Methylene chloride	2.91	84	959	0.42	ppb		98
26) Carbon disulfide	2.56	76	971	0.51	ppb	#	74
27) Methyl t-butyl ether (MtBE	3.30	73	2075	0.51	ppb	#	77
28) Trans-1,2-DCE	3.27	96	759	0.58	ppb	#	28
30) Hexane	3.64	56	42	1.34	ppb	#	21
31) Diisopropyl Ether	4.06	45	1372	0.53	ppb	#	82
32) 1,1-DCA	3.86	63	1091	0.52	ppb		92
33) Vinyl Acetate	4.03	43	1473	0.38	ppb	#	79
34) Ethyl tert Butyl Ether	4.60	59	1713	0.51	ppb	#	65
36) MEK (2-Butanone)	4.83	43	1720	9.65	ppb	#	87
37) Cis-1,2-DCE	4.75	96	890	0.62	ppb	#	63
38) 2,2-Dichloropropane	4.72	77	1512	0.63	ppb	#	55
39) Chloroform	5.21	83	1394	0.53	ppb	#	68
40) Bromochloromethane	5.06	130	521	0.47	ppb		90
42) 1,1,1-TCA	5.40	97	1565	0.55	ppb		95
43) Cyclohexane	5.43	41	494	0.45	ppb	#	60
44) 1,1-Dichloropropene	5.62	75	915	0.55	ppb		96
45) 2,2,4-Trimethylpentane	5.99	57	1213	0.52	ppb	#	38
47) Carbon Tetrachloride	5.60	117	1000	0.38	ppb	#	55
48) Tert Amyl Methyl Ether	6.07	73	1814	0.55	ppb	#	95
49) 1,2-DCA	5.91	62	1431	0.58	ppb	#	81
50) Benzene	5.87	78	2462	0.53	ppb	#	83

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M13.D Vial: 3
Acq On : 25 Aug 21 15:43 Operator: LP,DG,CH
Sample : 0.5ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 10:54 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 10:53:26 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.63	95	806	0.56	ppb	#	69
52)	2-Pentanone	6.90	43	12486	21.38	ppb		90
53)	1,2-Dichloropropane	6.88	63	410	0.51	ppb	#	89
54)	Bromodichloromethane	7.20	83	953	0.46	ppb		93
55)	Methyl Cyclohexane	6.83	83	1522	0.85	ppb	#	38
56)	Dibromomethane	7.01	93	253	0.31	ppb	#	66
57)	MIBK (methyl isobutyl ket	7.89	43	4001	11.44	ppb	#	92
58)	1-Bromo-2-chloroethane	7.53	144	49	0.17	ppb	#	15
60)	Cis-1,3-Dichloropropene	7.70	39	613	0.53	ppb	#	62
61)	Toluene	8.01	91	2820	0.54	ppb	#	69
62)	Trans-1,3-Dichloropropene	8.28	75	957	0.52	ppb	#	65
63)	1,1,2-TCA	8.46	83	496	0.43	ppb	#	63
64)	2-Hexanone	8.74	43	2301	10.07	ppb	#	65
67)	1,2-EDB	8.93	107	645	0.54	ppb		85
68)	Tetrachloroethene	8.57	164	549	0.49	ppb	#	78
69)	1-Chlorohexane	9.45	91	715	0.52	ppb		98
70)	1,1,1,2-Tetrachloroethane	9.53	131	982	0.54	ppb	#	44
71)	m&p-Xylene	9.68	106	2671	1.03	ppb		90
72)	o-Xylene	10.08	106	1546	0.60	ppb		63
73)	Styrene	10.10	104	2223	0.55	ppb	#	76
75)	1,3-Dichloropropane	8.62	76	1044	0.60	ppb	#	79
76)	Dibromochloromethane	8.84	129	809	0.48	ppb	#	63
77)	Chlorobenzene	9.44	112	1848	0.47	ppb		93
78)	Ethylbenzene	9.57	91	3391	0.57	ppb		86
79)	Bromoform	10.27	173	566	0.42	ppb		97
81)	Isopropylbenzene	10.45	105	3354	0.53	ppb		96
82)	1,1,2,2-Tetrachloroethane	10.77	83	347	0.32	ppb		97
83)	1,2,3-Trichloropropane	10.80	110	248	0.51	ppb	#	41
84)	t-1,4-Dichloro-2-Butene	10.83	53	119	0.44	ppb	#	14
85)	Bromobenzene	10.73	156	1566	0.77	ppb	#	62
86)	n-Propylbenzene	10.87	91	3621	0.57	ppb	#	77
87)	4-Ethyltoluene	10.98	105	3188	0.53	ppb		85
88)	2-Chlorotoluene	10.93	91	2800	0.56	ppb		91
89)	1,3,5-Trimethylbenzene	11.04	105	2835	0.54	ppb	#	74
90)	4-Chlorotoluene	11.05	91	2386	0.50	ppb		86
91)	Tert-Butylbenzene	11.37	119	2080	0.65	ppb	#	75
92)	1,2,4-Trimethylbenzene	11.42	105	2875	0.54	ppb		84
93)	Sec-Butylbenzene	11.58	105	3026	0.51	ppb	#	86
94)	p-Isopropyltoluene	11.74	119	2852	0.49	ppb	#	75
95)	Benzyl Chloride	11.91	91	753	0.48	ppb	#	84
96)	1,3-DCB	11.77	146	2036	0.56	ppb		88
97)	1,4-DCB	11.68	146	2688	0.72	ppb	#	58
98)	n-Butylbenzene	12.14	91	1849	0,51	ppb		91
99)	1,2-DCB	12.13	146	2149	0.59	ppb	#	71
100)	Hexachloroethane	12.38	117	537	0.51	ppb	#	46
101)	1,2-Dibromo-3-chloropropan	12.92	157	67	1.90	ppb	#	21
102)	1,2,4-Trichlorobenzene	13.74	180	849	3.02	ppb	#	69
103)	Hexachlorobutadiene	13.92	225	617	1.60	ppb	#	81
104)	Naphthalene	13.98	128	668	3.41	ppb	#	80
105)	1,2,3-Trichlorobenzene	14.23	180	617	3.63	ppb	#	56

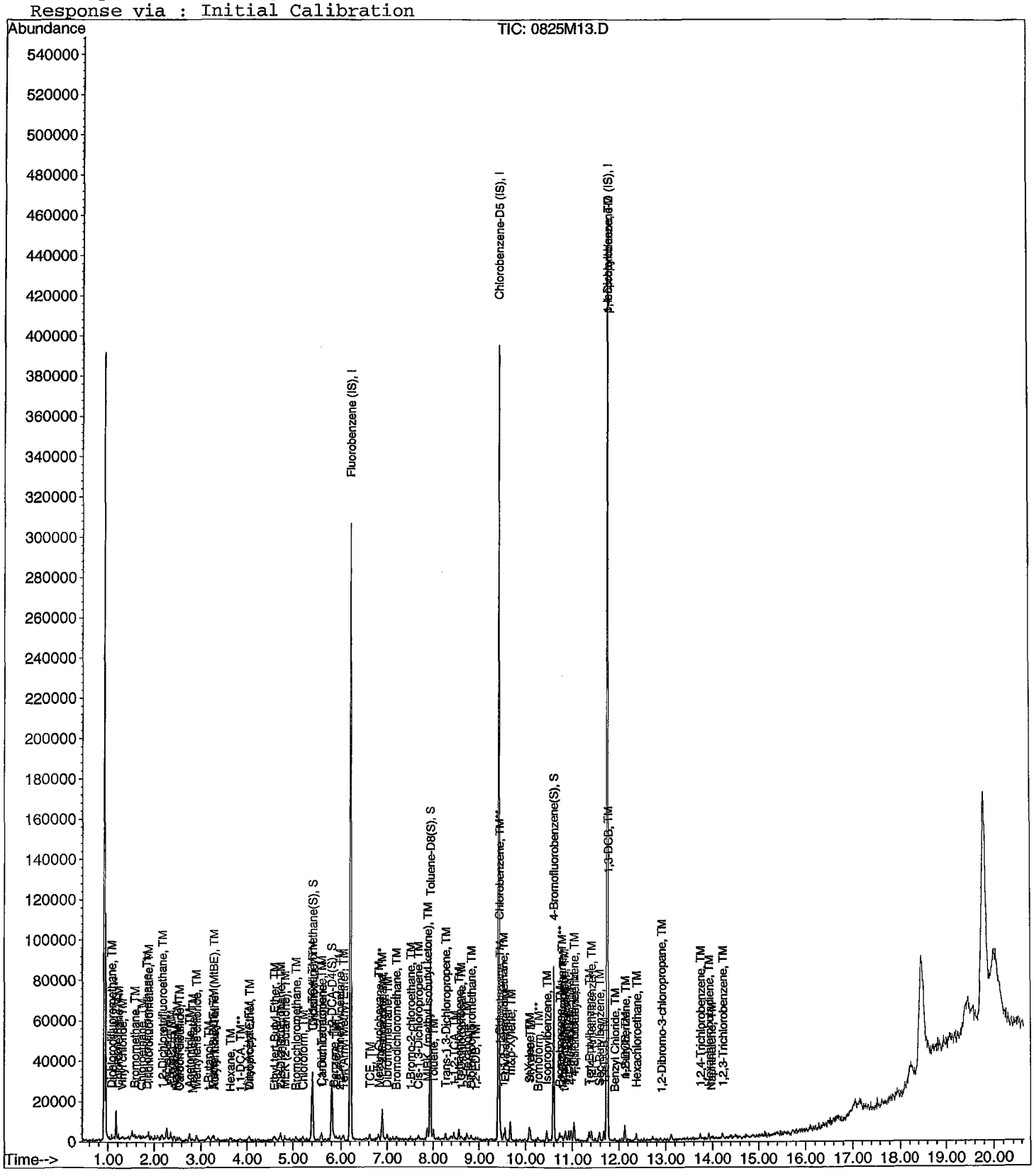
(#) = qualifier out of range (m) = manual integration

Quantitation Report

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 10:54 2021 Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 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 10:54 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 10:53:26 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
65) Chlorobenzene-D5 (IS)	9.41	117	222702	25.00 ppb	0.00
80) 1,4-Dichlorobenzene-D (IS)	11.75	152	137225	25.00 ppb	0.00
System Monitoring Compounds					
41) Dibromofluoromethane(S)	5.41	111	29305	9.31 ppb	0.00
Spiked Amount 25.000			Recovery =	37.236%	
46) 1,2-DCA-D4(S)	5.81	65	19664	9.51 ppb	0.00
Spiked Amount 25.000			Recovery =	38.024%	
66) Toluene-D8(S)	7.95	98	102711	9.84 ppb	0.00
Spiked Amount 25.000			Recovery =	39.340%	
74) 4-Bromofluorobenzene(S)	10.60	95	36297	8.91 ppb	0.00
Spiked Amount 25.000			Recovery =	35.632%	
Target Compounds					Qvalue
3) Dichlorodifluoromethane	1.08	85	1639	0.98 ppb #	75
4) Freon 114	1.18	85	1528	1.19 ppb #	66
5) Chloromethane	1.22	50	1007	1.06 ppb #	79
6) Vinyl chloride	1.31	62	983	0.90 ppb	86
8) Bromomethane	1.57	94	1123	1.26 ppb #	58
9) Chloroethane	1.67	64	690	1.30 ppb	92
10) Dichlorofluoromethane	1.85	67	2255	1.10 ppb #	81
11) Trichlorofluoromethane	1.87	101	2768	0.98 ppb #	70
13) Acrolein	2.29	56	6972	50.72 ppb #	78
14) Acetone	2.46	43	3003	19.09 ppb	87
15) Freon-113	2.37	151	1155	0.92 ppb #	78
16) Acetonitrile	2.76	41	3709	45.27 ppb #	82
18) 1,2-Dichlorotrifluoroethan	2.19	67	1454	1.54 ppb #	57
19) 1,1-DCE	2.37	61	2059	1.15 ppb	96
20) t-Butanol	3.16	59	4885	45.99 ppb	98
21) Methyl Acetate	2.83	43	540	0.95 ppb #	57
22) Iodomethane	2.51	142	621	2.61 ppb #	74
23) Acrylonitrile	3.25	53	134	0.28 ppb #	42
25) Methylene chloride	2.92	84	1950	1.37 ppb #	73
26) Carbon disulfide	2.56	76	2214	1.20 ppb #	83
27) Methyl t-butyl ether (MtBE	3.29	73	4887	1.26 ppb #	88
28) Trans-1,2-DCE	3.26	96	1220	0.96 ppb #	61
30) Hexane	3.65	56	416	2.04 ppb #	69
31) Diisopropyl Ether	4.05	45	2144	0.85 ppb #	80
32) 1,1-DCA	3.86	63	2504	1.24 ppb #	90
33) Vinyl Acetate	4.04	43	840	-0.30 ppb #	79
34) Ethyl tert Butyl Ether	4.60	59	3698	1.13 ppb	94
36) MEK (2-Butanone)	4.84	43	3248	18.87 ppb #	94
37) Cis-1,2-DCE	4.75	96	1290	0.93 ppb	94
38) 2,2-Dichloropropane	4.74	77	2505	1.08 ppb #	86
39) Chloroform	5.21	83	2865	1.13 ppb	91
40) Bromochloromethane	5.07	130	1047	0.99 ppb #	79
42) 1,1,1-TCA	5.40	97	2876	1.05 ppb #	84
43) Cyclohexane	5.45	41	1185	1.31 ppb #	44
44) 1,1-Dichloropropene	5.61	75	1943	1.21 ppb	91
45) 2,2,4-Trimethylpentane	5.99	57	2163	0.95 ppb #	71
47) Carbon Tetrachloride	5.59	117	2853	1.13 ppb	98
48) Tert Amyl Methyl Ether	6.06	73	3165	0.99 ppb #	81
49) 1,2-DCA	5.91	62	2911	1.21 ppb #	83
50) Benzene	5.85	78	4947	1.10 ppb #	85

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M14.D Vial: 4
Acq On : 25 Aug 21 16:11 Operator: LP,DG,CH
Sample : 1ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 10:54 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 10:53:26 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.64	95	1624	1.17	ppb	#	74
52)	2-Pentanone	6.90	43	28925	51.33	ppb		91
53)	1,2-Dichloropropane	6.87	63	710	1.11	ppb	#	89
54)	Bromodichloromethane	7.20	83	2182	1.09	ppb		87
55)	Methyl Cyclohexane	6.83	83	1964	1.13	ppb	#	70
56)	Dibromomethane	7.01	93	766	0.99	ppb		87
57)	MIBK (methyl isobutyl ket	7.88	43	6964	20.62	ppb	#	88
58)	1-Bromo-2-chloroethane	7.52	144	239	0.88	ppb	#	74
60)	Cis-1,3-Dichloropropene	7.69	39	1065	0.96	ppb		84
61)	Toluene	8.02	91	5914	1.18	ppb		87
62)	Trans-1,3-Dichloropropene	8.28	75	1777	1.00	ppb	#	51
63)	1,1,2-TCA	8.46	83	1200	1.39	ppb	#	68
64)	2-Hexanone	8.75	43	3731	16.91	ppb	#	88
67)	1,2-EDB	8.94	107	1158	1.00	ppb		90
68)	Tetrachloroethene	8.58	164	1137	1.03	ppb	#	74
69)	1-Chlorohexane	9.45	91	1427	1.05	ppb		90
70)	1,1,1,2-Tetrachloroethane	9.53	131	2114	1.19	ppb		99
71)	m&p-Xylene	9.69	106	5427	2.13	ppb		96
72)	o-Xylene	10.08	106	2705	1.07	ppb		92
73)	Styrene	10.10	104	4247	1.06	ppb	#	85
75)	1,3-Dichloropropane	8.62	76	1911	1.12	ppb	#	78
76)	Dibromochloromethane	8.85	129	1741	1.05	ppb		90
77)	Chlorobenzene	9.44	112	4219	1.10	ppb		94
78)	Ethylbenzene	9.57	91	6045	1.03	ppb		83
79)	Bromoform	10.27	173	1406	1.06	ppb		99
81)	Isopropylbenzene	10.46	105	6518	1.04	ppb		100
82)	1,1,2,2-Tetrachloroethane	10.77	83	1181	1.11	ppb		97
83)	1,2,3-Trichloropropane	10.79	110	485	1.00	ppb	#	80
84)	t-1,4-Dichloro-2-Butene	10.82	53	199	0.75	ppb		79
85)	Bromobenzene	10.73	156	2069	1.03	ppb		85
86)	n-Propylbenzene	10.87	91	6522	1.03	ppb		90
87)	4-Ethyltoluene	10.99	105	6288	1.06	ppb	#	79
88)	2-Chlorotoluene	10.94	91	6090	1.24	ppb		98
89)	1,3,5-Trimethylbenzene	11.05	105	5159	0.99	ppb		93
90)	4-Chlorotoluene	11.05	91	5104	1.08	ppb		99
91)	Tert-Butylbenzene	11.36	119	3459	1.09	ppb		94
92)	1,2,4-Trimethylbenzene	11.42	105	5851	1.11	ppb		78
93)	Sec-Butylbenzene	11.59	105	5618	0.95	ppb		92
94)	p-Isopropyltoluene	11.74	119	5571	0.96	ppb	#	89
95)	Benzyl Chloride	11.91	91	1758	1.14	ppb	#	58
96)	1,3-DCB	11.77	146	3582	1.00	ppb		82
97)	1,4-DCB	11.68	146	4542	1.23	ppb		85
98)	n-Butylbenzene	12.15	91	3433	0.96	ppb	#	86
99)	1,2-DCB	12.14	146	4128	1.15	ppb	#	91
100)	Hexachloroethane	12.38	117	1240	1.20	ppb	#	70
101)	1,2-Dibromo-3-chloropropan	12.92	157	389	2.58	ppb		92
102)	1,2,4-Trichlorobenzene	13.75	180	1455	3.20	ppb		88
103)	Hexachlorobutadiene	13.92	225	1403	2.01	ppb	#	65
104)	Naphthalene	13.99	128	978	3.51	ppb	#	73
105)	1,2,3-Trichlorobenzene	14.23	180	1566	3.95	ppb	#	60

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

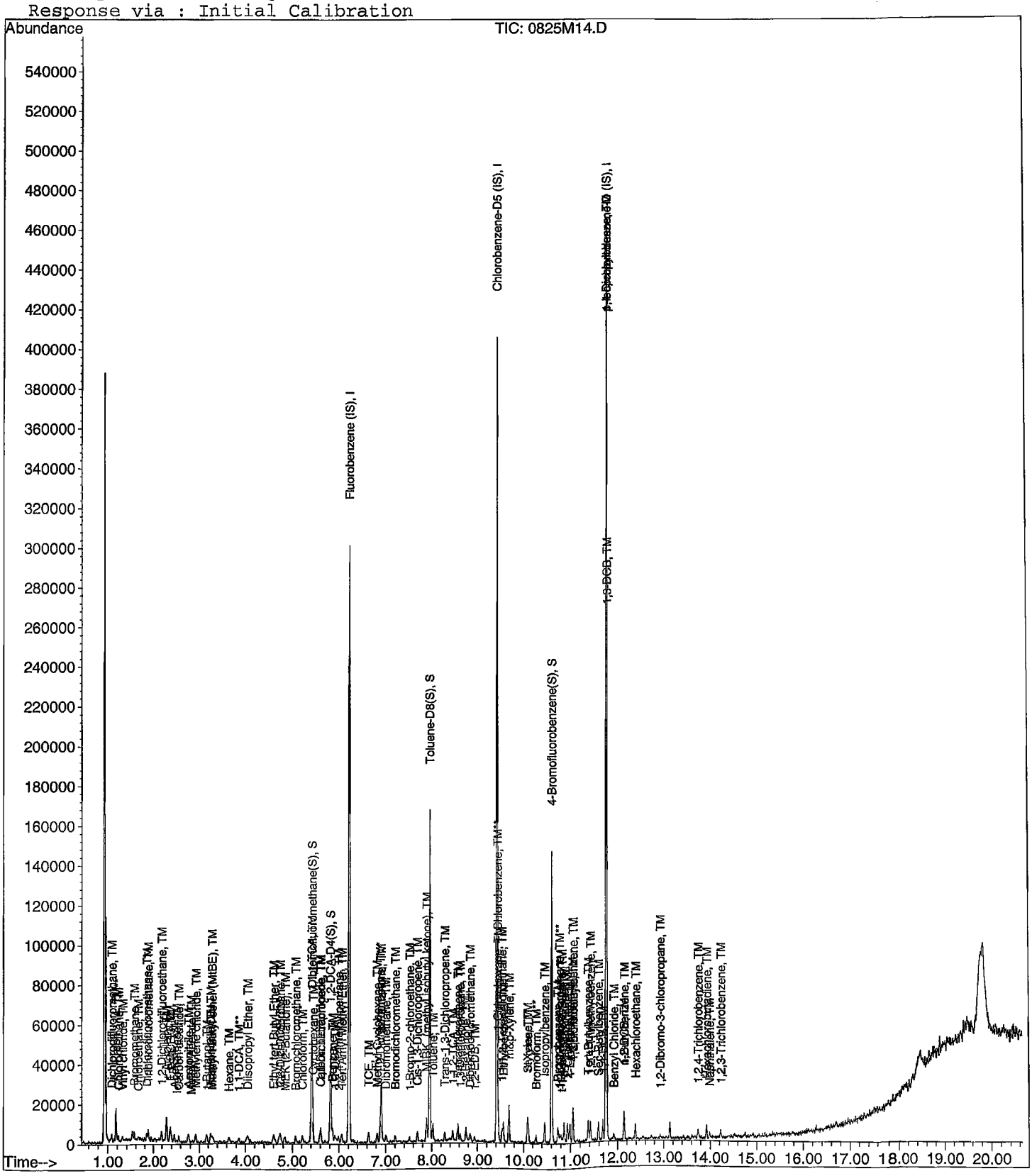
Quantitation Report

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 10:54 2021 Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 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 10:54 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 10:53:26 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
65) Chlorobenzene-D5 (IS)	9.42	117	218570	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.75	152	137104	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.41	111	29818	9.48	ppb		0.00
Spiked Amount 25.000			Recovery = 37.936%				
46) 1,2-DCA-D4(S)	5.82	65	20128	9.74	ppb		0.00
Spiked Amount 25.000			Recovery = 38.968%				
66) Toluene-D8(S)	7.95	98	96059	9.37	ppb		0.00
Spiked Amount 25.000			Recovery = 37.488%				
74) 4-Bromofluorobenzene(S)	10.60	95	37545	9.39	ppb		0.00
Spiked Amount 25.000			Recovery = 37.556%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.09	85	3455	2.07	ppb	#	89
4) Freon 114	1.18	85	2501	2.18	ppb	#	65
5) Chloromethane	1.22	50	1923	2.04	ppb	#	76
6) Vinyl chloride	1.31	62	2350	2.15	ppb	#	77
8) Bromomethane	1.57	94	1777	1.99	ppb		99
9) Chloroethane	1.66	64	986	1.86	ppb	#	80
10) Dichlorofluoromethane	1.84	67	4173	2.04	ppb		86
11) Trichlorofluoromethane	1.88	101	5478	1.95	ppb		97
13) Acrolein	2.29	56	10611	77.29	ppb		94
14) Acetone	2.46	43	4812	30.63	ppb	#	79
15) Freon-113	2.38	151	2763	2.20	ppb	#	86
16) Acetonitrile	2.76	41	6172	75.42	ppb	#	69
18) 1,2-Dichlorotrifluoroethan	2.19	67	3004	2.86	ppb	#	89
19) 1,1-DCE	2.37	61	4016	2.24	ppb		97
20) t-Butanol	3.16	59	7984	75.26	ppb	#	82
21) Methyl Acetate	2.83	43	1482	2.61	ppb		96
22) Iodomethane	2.50	142	1297	3.06	ppb	#	76
23) Acrylonitrile	3.25	53	671	2.10	ppb	#	63
25) Methylene chloride	2.92	84	3007	2.35	ppb		83
26) Carbon disulfide	2.56	76	4369	2.38	ppb	#	78
27) Methyl t-butyl ether (MtBE	3.30	73	7914	2.04	ppb		95
28) Trans-1,2-DCE	3.25	96	2828	2.23	ppb		78
30) Hexane	3.65	56	886	2.92	ppb		100
31) Diisopropyl Ether	4.05	45	5709	2.28	ppb	#	80
32) 1,1-DCA	3.86	63	4380	2.17	ppb	#	88
33) Vinyl Acetate	4.03	43	3087	2.32	ppb	#	76
34) Ethyl tert Butyl Ether	4.60	59	6467	1.98	ppb		92
36) MEK (2-Butanone)	4.84	43	4944	28.76	ppb	#	95
37) Cis-1,2-DCE	4.75	96	3145	2.26	ppb		78
38) 2,2-Dichloropropane	4.72	77	5128	2.21	ppb	#	86
39) Chloroform	5.21	83	5207	2.05	ppb		89
40) Bromochloromethane	5.07	130	2192	2.07	ppb	#	86
42) 1,1,1-TCA	5.40	97	5253	1.92	ppb		95
43) Cyclohexane	5.43	41	1989	2.29	ppb		84
44) 1,1-Dichloropropene	5.61	75	3300	2.06	ppb		86
45) 2,2,4-Trimethylpentane	5.98	57	4530	2.00	ppb	#	76
47) Carbon Tetrachloride	5.59	117	5163	2.05	ppb	#	80
48) Tert Amyl Methyl Ether	6.06	73	7106	2.23	ppb		96
49) 1,2-DCA	5.91	62	5030	2.10	ppb		99
50) Benzene	5.86	78	9365	2.09	ppb		94

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M15.D Vial: 5
Acq On : 25 Aug 21 16:39 Operator: LP,DG,CH
Sample : 2ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 10:54 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 10:53:26 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.63	95	2803	2.03	ppb		88
52)	2-Pentanone	6.90	43	42717	75.89	ppb		98
53)	1,2-Dichloropropane	6.89	63	881	1.44	ppb	#	73
54)	Bromodichloromethane	7.20	83	4865	2.44	ppb		75
55)	Methyl Cyclohexane	6.82	83	3833	2.21	ppb		95
56)	Dibromomethane	7.00	93	1811	2.33	ppb		86
57)	MIBK (methyl isobutyl ket	7.89	43	10222	30.31	ppb	#	92
58)	1-Bromo-2-chloroethane	7.52	144	523	1.93	ppb		94
60)	Cis-1,3-Dichloropropene	7.69	39	2597	2.33	ppb	#	72
61)	Toluene	8.02	91	10242	2.04	ppb		93
62)	Trans-1,3-Dichloropropene	8.28	75	3375	1.89	ppb	#	69
63)	1,1,2-TCA	8.46	83	1635	1.96	ppb		72
64)	2-Hexanone	8.75	43	6866	31.16	ppb		99
67)	1,2-EDB	8.93	107	2676	2.35	ppb	#	74
68)	Tetrachloroethene	8.57	164	2457	2.27	ppb		92
69)	1-Chlorohexane	9.45	91	2746	2.06	ppb		83
70)	1,1,1,2-Tetrachloroethane	9.53	131	3638	2.09	ppb		90
71)	m&p-Xylene	9.69	106	10100	4.03	ppb		85
72)	o-Xylene	10.08	106	5080	2.05	ppb		99
73)	Styrene	10.10	104	8742	2.23	ppb	#	91
75)	1,3-Dichloropropane	8.62	76	3122	1.86	ppb		94
76)	Dibromochloromethane	8.84	129	3869	2.37	ppb		91
77)	Chlorobenzene	9.44	112	7635	2.03	ppb	#	81
78)	Ethylbenzene	9.57	91	12669	2.20	ppb		94
79)	Bromoform	10.27	173	2923	2.25	ppb	#	79
81)	Isopropylbenzene	10.45	105	14087	2.25	ppb		97
82)	1,1,2,2-Tetrachloroethane	10.76	83	2362	2.23	ppb	#	78
83)	1,2,3-Trichloropropane	10.80	110	933	1.93	ppb	#	61
84)	t-1,4-Dichloro-2-Butene	10.82	53	612	2.31	ppb		88
85)	Bromobenzene	10.73	156	4355	2.17	ppb		83
86)	n-Propylbenzene	10.86	91	13123	2.07	ppb		95
87)	4-Ethyltoluene	10.98	105	12609	2.12	ppb		91
88)	2-Chlorotoluene	10.93	91	10746	2.19	ppb		86
89)	1,3,5-Trimethylbenzene	11.05	105	10994	2.11	ppb	#	75
90)	4-Chlorotoluene	11.05	91	9816	2.08	ppb		83
91)	Tert-Butylbenzene	11.37	119	5763	1.82	ppb		87
92)	1,2,4-Trimethylbenzene	11.42	105	10267	1.95	ppb		94
93)	Sec-Butylbenzene	11.59	105	11676	1.98	ppb		99
94)	p-Isopropyltoluene	11.74	119	12134	2.10	ppb		93
95)	Benzyl Chloride	11.92	91	2776	1.80	ppb		89
96)	1,3-DCB	11.77	146	7858	2.19	ppb		96
97)	1,4-DCB	11.68	146	7558	2.04	ppb		95
98)	n-Butylbenzene	12.14	91	5952	1.66	ppb		90
99)	1,2-DCB	12.14	146	7057	1.96	ppb	#	80
100)	Hexachloroethane	12.38	117	1776	1.72	ppb		94
101)	1,2-Dibromo-3-chloropropan	12.92	157	602	3.03	ppb	#	77
102)	1,2,4-Trichlorobenzene	13.74	180	3289	3.75	ppb	#	90
103)	Hexachlorobutadiene	13.92	225	2914	2.80	ppb		99
104)	Naphthalene	13.99	128	2299	3.95	ppb	#	86
105)	1,2,3-Trichlorobenzene	14.23	180	2274	4.19	ppb		78

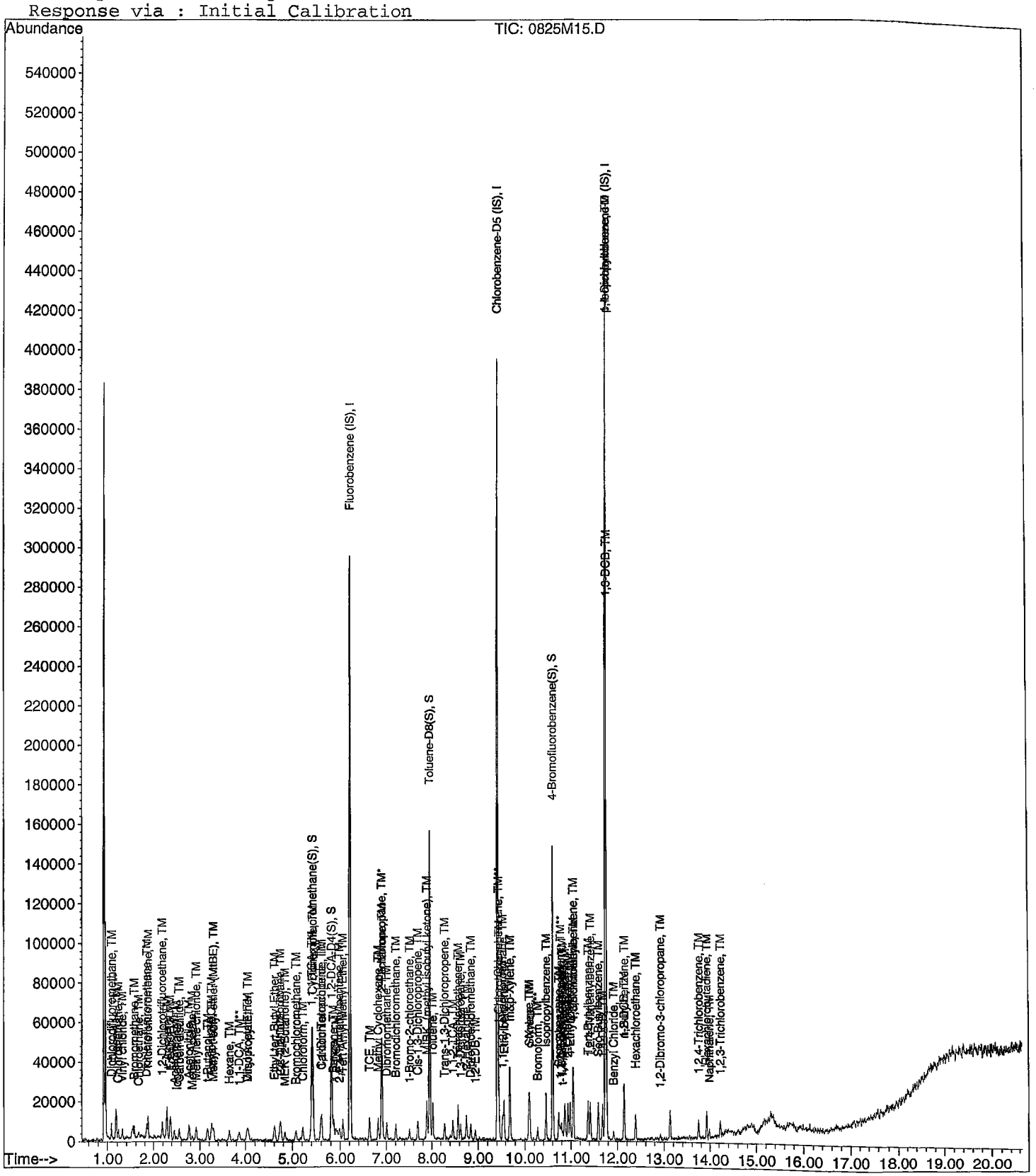
(#) = qualifier out of range (m) = manual integration

Quantitation Report

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 10:54 2021 Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

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 10:54 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 10:53:26 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
65) Chlorobenzene-D5 (IS)	9.41	117	219379	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.75	152	136215	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.41	111	75090	23.80	ppb		0.00
Spiked Amount 25.000			Recovery =	95.204%			
46) 1,2-DCA-D4(S)	5.81	65	51096	24.65	ppb		0.00
Spiked Amount 25.000			Recovery =	98.580%			
66) Toluene-D8(S)	7.95	98	252960	24.59	ppb		0.00
Spiked Amount 25.000			Recovery =	98.356%			
74) 4-Bromofluorobenzene(S)	10.60	95	101253	25.23	ppb		0.00
Spiked Amount 25.000			Recovery =	100.908%			
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.09	85	6689	4.00	ppb	#	84
4) Freon 114	1.18	85	4070	3.76	ppb		85
5) Chloromethane	1.22	50	4163	4.39	ppb		93
6) Vinyl chloride	1.31	62	4520	4.12	ppb		95
8) Bromomethane	1.56	94	4110	4.60	ppb		80
9) Chloroethane	1.66	64	2343	4.41	ppb	#	48
10) Dichlorofluoromethane	1.84	67	9358	4.56	ppb		91
11) Trichlorofluoromethane	1.88	101	12395	4.40	ppb		99
13) Acrolein	2.29	56	13836	100.44	ppb		89
14) Acetone	2.46	43	6365	40.37	ppb	#	78
15) Freon-113	2.38	151	5379	4.27	ppb	#	77
16) Acetonitrile	2.77	41	7823	95.27	ppb	#	88
18) 1,2-Dichlorotrifluoroethan	2.19	67	4426	4.05	ppb	#	92
19) 1,1-DCE	2.36	61	6538	3.63	ppb	#	83
20) t-Butanol	3.16	59	10605	99.62	ppb	#	86
21) Methyl Acetate	2.82	43	2469	4.33	ppb		98
22) Iodomethane	2.51	142	2763	4.03	ppb	#	87
23) Acrylonitrile	3.26	53	724	2.27	ppb	#	66
25) Methylene chloride	2.92	84	5291	4.44	ppb		92
26) Carbon disulfide	2.56	76	7170	3.89	ppb		98
27) Methyl t-butyl ether (MtBE	3.29	73	15598	4.00	ppb		95
28) Trans-1,2-DCE	3.25	96	5906	4.65	ppb	#	68
30) Hexane	3.65	56	1581	4.21	ppb		100
31) Diisopropyl Ether	4.05	45	10893	4.33	ppb	#	82
32) 1,1-DCA	3.86	63	8028	3.96	ppb	#	83
33) Vinyl Acetate	4.03	43	5281	4.85	ppb	#	79
34) Ethyl tert Butyl Ether	4.60	59	13327	4.07	ppb		95
36) MEK (2-Butanone)	4.83	43	6852	39.72	ppb	#	76
37) Cis-1,2-DCE	4.75	96	5696	4.08	ppb		83
38) 2,2-Dichloropropane	4.72	77	10230	4.39	ppb	#	91
39) Chloroform	5.22	83	9794	3.85	ppb		95
40) Bromochloromethane	5.06	130	4642	4.36	ppb	#	82
42) 1,1,1-TCA	5.40	97	11860	4.32	ppb		91
43) Cyclohexane	5.44	41	3669	4.31	ppb		78
44) 1,1-Dichloropropene	5.61	75	6331	3.94	ppb	#	85
45) 2,2,4-Trimethylpentane	5.98	57	9486	4.18	ppb		94
47) Carbon Tetrachloride	5.59	117	10573	4.19	ppb		85
48) Tert Amyl Methyl Ether	6.06	73	13131	4.11	ppb		98
49) 1,2-DCA	5.91	62	8949	3.73	ppb	#	87
50) Benzene	5.86	78	17960	3.99	ppb		92

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M16.D Vial: 6
Acq On : 25 Aug 21 17:07 Operator: LP,DG,CH
Sample : 5ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 10:54 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 10:53:26 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.63	95	5445	3.93	ppb		86
52)	2-Pentanone	6.90	43	58944	104.36	ppb		100
53)	1,2-Dichloropropane	6.88	63	2306	4.15	ppb	#	96
54)	Bromodichloromethane	7.20	83	7758	3.88	ppb		98
55)	Methyl Cyclohexane	6.82	83	6977	4.01	ppb		95
56)	Dibromomethane	7.00	93	3400	4.36	ppb		87
57)	MIBK (methyl isobutyl ket	7.89	43	12933	38.22	ppb		90
58)	1-Bromo-2-chloroethane	7.52	144	1337	4.91	ppb		93
60)	Cis-1,3-Dichloropropene	7.69	39	4671	4.18	ppb		85
61)	Toluene	8.02	91	19618	3.90	ppb		88
62)	Trans-1,3-Dichloropropene	8.28	75	7287	4.07	ppb		89
63)	1,1,2-TCA	8.45	83	2784	3.47	ppb		81
64)	2-Hexanone	8.75	43	8873	40.13	ppb	#	83
67)	1,2-EDB	8.94	107	4095	3.58	ppb		95
68)	Tetrachloroethene	8.57	164	4621	4.25	ppb		81
69)	1-Chlorohexane	9.45	91	5252	3.92	ppb		95
70)	1,1,1,2-Tetrachloroethane	9.53	131	6660	3.81	ppb		87
71)	m&p-Xylene	9.69	106	20536	8.16	ppb		82
72)	o-Xylene	10.08	106	9179	3.69	ppb		95
73)	Styrene	10.10	104	14509	3.69	ppb		94
75)	1,3-Dichloropropane	8.62	76	6894	4.08	ppb		95
76)	Dibromochloromethane	8.84	129	6358	3.88	ppb		83
77)	Chlorobenzene	9.44	112	14860	3.94	ppb		99
78)	Ethylbenzene	9.56	91	22047	3.81	ppb		97
79)	Bromoform	10.27	173	4950	3.79	ppb	#	73
81)	Isopropylbenzene	10.46	105	24994	4.02	ppb		98
82)	1,1,2,2-Tetrachloroethane	10.77	83	3932	3.74	ppb		92
83)	1,2,3-Trichloropropane	10.80	110	1732	3.60	ppb	#	68
84)	t-1,4-Dichloro-2-Butene	10.82	53	1120	4.25	ppb	#	71
85)	Bromobenzene	10.73	156	7476	3.74	ppb		81
86)	n-Propylbenzene	10.87	91	24120	3.84	ppb		97
87)	4-Ethyltoluene	10.98	105	23286	3.94	ppb		99
88)	2-Chlorotoluene	10.94	91	19993	4.10	ppb		94
89)	1,3,5-Trimethylbenzene	11.05	105	20869	4.04	ppb		93
90)	4-Chlorotoluene	11.05	91	19824	4.22	ppb		96
91)	Tert-Butylbenzene	11.37	119	12373	3.94	ppb		89
92)	1,2,4-Trimethylbenzene	11.42	105	19098	3.66	ppb		99
93)	Sec-Butylbenzene	11.59	105	23716	4.06	ppb		99
94)	p-Isopropyltoluene	11.74	119	21873	3.81	ppb		98
95)	Benzyl Chloride	11.92	91	6693	4.36	ppb		93
96)	1,3-DCB	11.77	146	14709	4.13	ppb		90
97)	1,4-DCB	11.68	146	14686	3.99	ppb		92
98)	n-Butylbenzene	12.14	91	13940	3.91	ppb		98
99)	1,2-DCB	12.14	146	13451	3.77	ppb		98
100)	Hexachloroethane	12.38	117	4653	4.52	ppb		94
101)	1,2-Dibromo-3-chloropropan	12.92	157	1401	4.73	ppb	#	88
102)	1,2,4-Trichlorobenzene	13.74	180	5917	4.55	ppb	#	81
103)	Hexachlorobutadiene	13.92	225	5168	4.00	ppb		92
104)	Naphthalene	13.99	128	4840	4.80	ppb	#	94
105)	1,2,3-Trichlorobenzene	14.23	180	5586	5.33	ppb	#	90

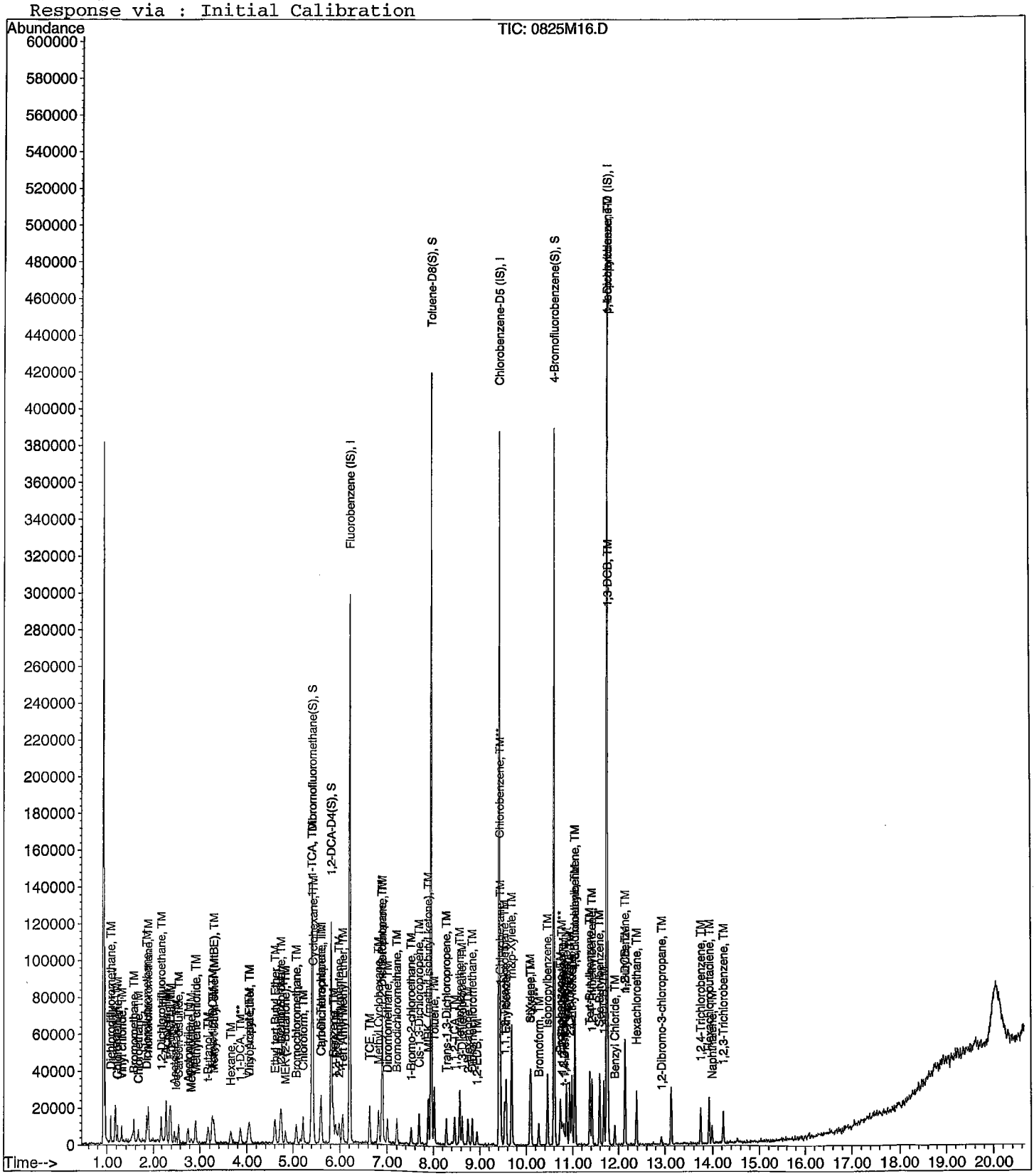
(#) = qualifier out of range (m) = manual integration

Quantitation Report

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 10:54 2021 Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 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 10:54 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 10:53:26 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
65) Chlorobenzene-D5 (IS)	9.41	117	215380	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.75	152	136295	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.42	111	77116	24.51	ppb		0.00
Spiked Amount 25.000			Recovery =	98.044%			
46) 1,2-DCA-D4(S)	5.82	65	49768	24.07	ppb		0.00
Spiked Amount 25.000			Recovery =	96.284%			
66) Toluene-D8(S)	7.95	98	250522	24.80	ppb		0.00
Spiked Amount 25.000			Recovery =	99.216%			
74) 4-Bromofluorobenzene(S)	10.60	95	100010	25.38	ppb		0.00
Spiked Amount 25.000			Recovery =	101.520%			
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.08	85	16896	10.14	ppb		100
4) Freon 114	1.18	85	10255	10.05	ppb		100
5) Chloromethane	1.22	50	9050	9.57	ppb		100
6) Vinyl chloride	1.31	62	11556	10.55	ppb		100
8) Bromomethane	1.56	94	7436	8.34	ppb		100
9) Chloroethane	1.66	64	5341	10.09	ppb		100
10) Dichlorofluoromethane	1.84	67	19706	9.63	ppb		100
11) Trichlorofluoromethane	1.88	101	28494	10.14	ppb		100
13) Acrolein	2.29	56	17159	124.90	ppb		100
14) Acetone	2.46	43	8186	52.07	ppb		100
15) Freon-113	2.38	151	12849	10.23	ppb		100
16) Acetonitrile	2.76	41	9883	120.69	ppb		100
18) 1,2-Dichlorotrifluoroethan	2.19	67	10064	8.83	ppb		100
19) 1,1-DCE	2.36	61	18272	10.18	ppb		100
20) t-Butanol	3.16	59	13832	130.30	ppb		100
21) Methyl Acetate	2.83	43	5415	9.53	ppb		100
22) Iodomethane	2.51	142	9197	8.33	ppb		100
23) Acrylonitrile	3.26	53	3421	11.41	ppb		100
25) Methylene chloride	2.92	84	10837	9.56	ppb		100
26) Carbon disulfide	2.56	76	16568	9.01	ppb		100
27) Methyl t-butyl ether (MtBE	3.30	73	38344	9.86	ppb		100
28) Trans-1,2-DCE	3.25	96	11642	9.19	ppb		100
30) Hexane	3.66	56	4203	9.12	ppb		100
31) Diisopropyl Ether	4.05	45	26565	10.58	ppb		100
32) 1,1-DCA	3.86	63	19254	9.52	ppb		100
33) Vinyl Acetate	4.02	43	14660	15.79	ppb	#	71
34) Ethyl tert Butyl Ether	4.61	59	33727	10.33	ppb		100
36) MEK (2-Butanone)	4.83	43	8835	51.36	ppb		100
37) Cis-1,2-DCE	4.74	96	15050	10.81	ppb		100
38) 2,2-Dichloropropane	4.72	77	23042	9.91	ppb		100
39) Chloroform	5.21	83	26369	10.38	ppb		100
40) Bromochloromethane	5.07	130	10798	10.18	ppb		100
42) 1,1,1-TCA	5.39	97	28124	10.28	ppb		100
43) Cyclohexane	5.44	41	8110	9.70	ppb		100
44) 1,1-Dichloropropene	5.61	75	14763	9.21	ppb		100
45) 2,2,4-Trimethylpentane	5.98	57	23941	10.57	ppb		100
47) Carbon Tetrachloride	5.59	117	27507	10.92	ppb		100
48) Tert Amyl Methyl Ether	6.06	73	33005	10.35	ppb		100
49) 1,2-DCA	5.91	62	22900	9.56	ppb		100
50) Benzene	5.86	78	45014	10.04	ppb		100

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M17.D Vial: 7
Acq On : 25 Aug 21 17:35 Operator: LP,DG,CH
Sample : 10ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 10:54 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 10:53:26 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
51)	TCE	6.63	95	13181	9.53	ppb	100
52)	2-Pentanone	6.90	43	69290	123.02	ppb	100
53)	1,2-Dichloropropane	6.88	63	5306	9.90	ppb	100
54)	Bromodichloromethane	7.20	83	19460	9.75	ppb	100
55)	Methyl Cyclohexane	6.82	83	17567	10.12	ppb	100
56)	Dibromomethane	7.01	93	7535	9.70	ppb	100
57)	MIBK (methyl isobutyl ket	7.89	43	15819	46.88	ppb	100
58)	1-Bromo-2-chloroethane	7.52	144	2947	10.85	ppb	100
60)	Cis-1,3-Dichloropropene	7.69	39	10515	9.44	ppb	100
61)	Toluene	8.02	91	50174	10.00	ppb	100
62)	Trans-1,3-Dichloropropene	8.28	75	18155	10.18	ppb	100
63)	1,1,2-TCA	8.46	83	7794	10.11	ppb	100
64)	2-Hexanone	8.75	43	11203	50.81	ppb	100
67)	1,2-EDB	8.94	107	12212	10.86	ppb	100
68)	Tetrachloroethene	8.57	164	10883	10.18	ppb	100
69)	1-Chlorohexane	9.45	91	13264	10.09	ppb	100
70)	1,1,1,2-Tetrachloroethane	9.54	131	16859	9.83	ppb	100
71)	m&p-Xylene	9.69	106	48583	19.67	ppb	100
72)	o-Xylene	10.08	106	24454	10.02	ppb	100
73)	Styrene	10.10	104	39362	10.19	ppb	100
75)	1,3-Dichloropropane	8.62	76	16764	10.11	ppb	100
76)	Dibromochloromethane	8.84	129	17303	10.76	ppb	100
77)	Chlorobenzene	9.44	112	38480	10.39	ppb	100
78)	Ethylbenzene	9.56	91	56746	9.99	ppb	100
79)	Bromoform	10.27	173	14037	10.96	ppb	100
81)	Isopropylbenzene	10.45	105	64348	10.33	ppb	100
82)	1,1,2,2-Tetrachloroethane	10.77	83	10483	9.96	ppb	100
83)	1,2,3-Trichloropropane	10.80	110	5581	11.59	ppb	100
84)	t-1,4-Dichloro-2-Butene	10.83	53	2718	10.31	ppb	100
85)	Bromobenzene	10.73	156	21739	10.88	ppb	100
86)	n-Propylbenzene	10.87	91	64892	10.32	ppb	100
87)	4-Ethyltoluene	10.98	105	60272	10.19	ppb	100
88)	2-Chlorotoluene	10.94	91	49239	10.09	ppb	100
89)	1,3,5-Trimethylbenzene	11.05	105	53821	10.41	ppb	100
90)	4-Chlorotoluene	11.05	91	48614	10.34	ppb	100
91)	Tert-Butylbenzene	11.37	119	33384	10.62	ppb	100
92)	1,2,4-Trimethylbenzene	11.41	105	53631	10.26	ppb	100
93)	Sec-Butylbenzene	11.58	105	62195	10.63	ppb	100
94)	p-Isopropyltoluene	11.74	119	59578	10.38	ppb	100
95)	Benzyl Chloride	11.92	91	15444	10.06	ppb	100
96)	1,3-DCB	11.77	146	37544	10.54	ppb	100
97)	1,4-DCB	11.68	146	36742	9.99	ppb	100
98)	n-Butylbenzene	12.14	91	36793	10.32	ppb	100
99)	1,2-DCB	12.13	146	37670	10.54	ppb	100
100)	Hexachloroethane	12.38	117	10122	9.83	ppb	100
101)	1,2-Dibromo-3-chloropropan	12.92	157	4360	10.99	ppb	100
102)	1,2,4-Trichlorobenzene	13.74	180	20531	8.97	ppb	100
103)	Hexachlorobutadiene	13.92	225	16563	10.00	ppb	100
104)	Naphthalene	13.98	128	16528	8.69	ppb	100
105)	1,2,3-Trichlorobenzene	14.23	180	17389	9.37	ppb	100

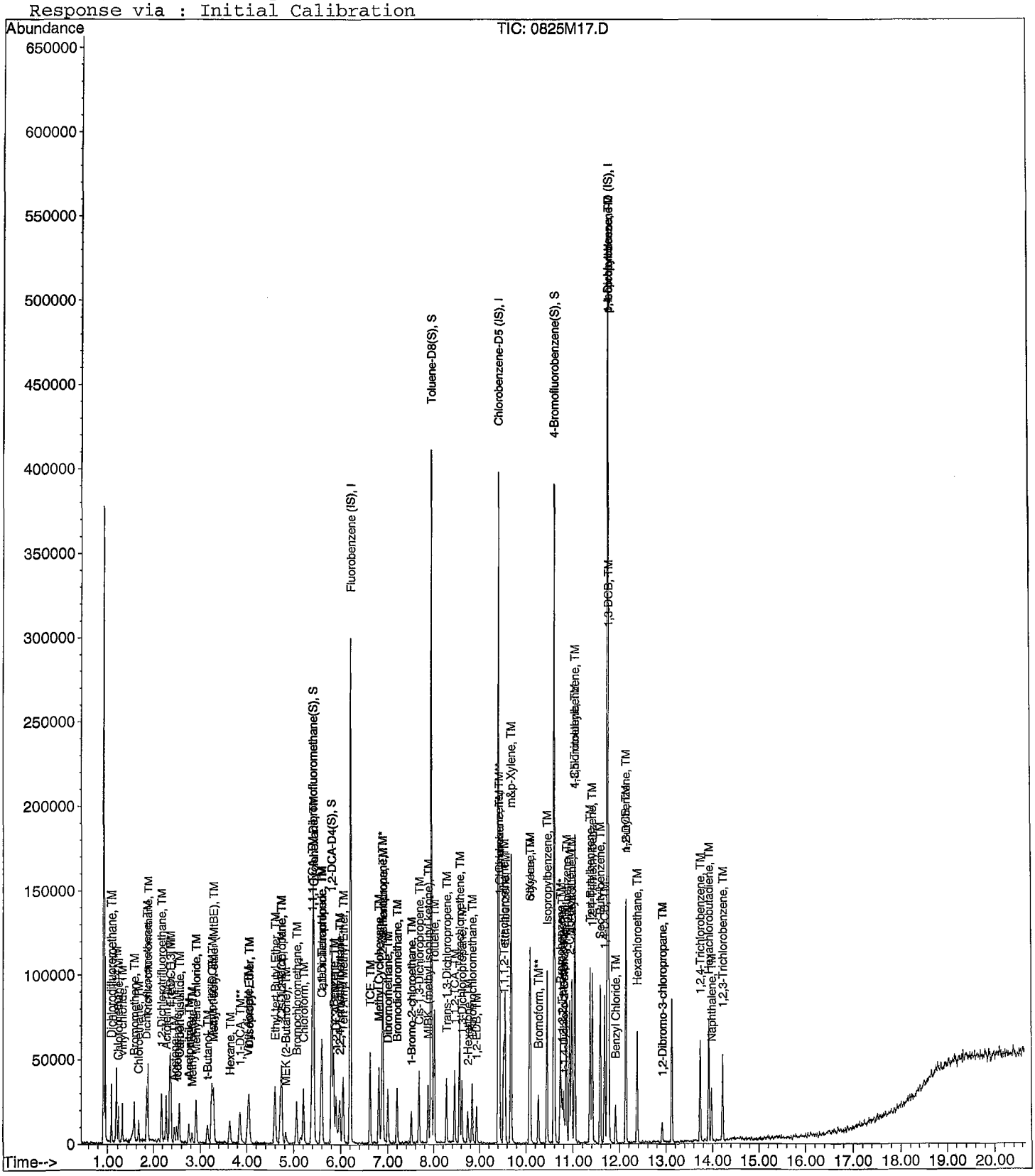
(#) = qualifier out of range (m) = manual integration

Quantitation Report

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 10:54 2021 Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 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 10:54 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 10:53:26 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
65) Chlorobenzene-D5 (IS)	9.41	117	222674	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.75	152	141752	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.42	111	153975	49.49	ppb		0.00
Spiked Amount 25.000			Recovery = 197.940%				
46) 1,2-DCA-D4(S)	5.81	65	102408	50.08	ppb		0.00
Spiked Amount 25.000			Recovery = 200.332%				
66) Toluene-D8(S)	7.95	98	499120	47.80	ppb		0.00
Spiked Amount 25.000			Recovery = 191.196%				
74) 4-Bromofluorobenzene(S)	10.60	95	195414	47.97	ppb		0.00
Spiked Amount 25.000			Recovery = 191.868%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.09	85	31876	19.33	ppb	#	85
4) Freon 114	1.18	85	18872	19.00	ppb		98
5) Chloromethane	1.22	50	19048	20.37	ppb		95
6) Vinyl chloride	1.31	62	20515	18.94	ppb		95
8) Bromomethane	1.56	94	17656	20.02	ppb		89
9) Chloroethane	1.66	64	10446	19.95	ppb		100
10) Dichlorofluoromethane	1.84	67	38225	18.89	ppb		91
11) Trichlorofluoromethane	1.87	101	55308	19.91	ppb		96
13) Acrolein	2.29	56	21574	158.79	ppb		89
14) Acetone	2.46	43	8507	54.71	ppb		84
15) Freon-113	2.38	151	25034	20.16	ppb	#	90
16) Acetonitrile	2.76	41	11722	144.74	ppb	#	86
18) 1,2-Dichlorotrifluoroethan	2.19	67	23040	20.02	ppb	#	93
19) 1,1-DCE	2.36	61	32040	18.05	ppb	#	90
20) t-Butanol	3.17	59	16052	152.89	ppb		100
21) Methyl Acetate	2.83	43	10469	18.62	ppb		98
22) Iodomethane	2.51	142	20259	15.87	ppb		96
23) Acrylonitrile	3.25	53	5995	20.35	ppb	#	78
25) Methylene chloride	2.91	84	20888	19.05	ppb		91
26) Carbon disulfide	2.56	76	34000	18.69	ppb		98
27) Methyl t-butyl ether (MtBE	3.29	73	73211	19.04	ppb		97
28) Trans-1,2-DCE	3.25	96	24837	19.83	ppb		83
30) Hexane	3.65	56	9633	19.47	ppb	#	84
31) Diisopropyl Ether	4.05	45	49009	19.74	ppb		94
32) 1,1-DCA	3.86	63	36789	18.39	ppb		97
33) Vinyl Acetate	4.03	43	25627	28.88	ppb	#	92
34) Ethyl tert Butyl Ether	4.60	59	60651	18.78	ppb		93
36) MEK (2-Butanone)	4.84	43	10938	64.29	ppb		94
37) Cis-1,2-DCE	4.74	96	26699	19.39	ppb		86
38) 2,2-Dichloropropane	4.73	77	44044	19.14	ppb		97
39) Chloroform	5.21	83	46017	18.32	ppb		86
40) Bromochloromethane	5.06	130	21091	20.10	ppb	#	83
42) 1,1,1-TCA	5.39	97	53746	19.87	ppb		93
43) Cyclohexane	5.43	41	15527	18.90	ppb		92
44) 1,1-Dichloropropene	5.61	75	29640	18.69	ppb		93
45) 2,2,4-Trimethylpentane	5.99	57	44802	20.00	ppb	#	81
47) Carbon Tetrachloride	5.59	117	49430	19.84	ppb	#	80
48) Tert Amyl Methyl Ether	6.06	73	60951	19.32	ppb		97
49) 1,2-DCA	5.91	62	42267	17.84	ppb	#	92
50) Benzene	5.86	78	84379	19.03	ppb		99

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M18.D Vial: 8
Acq On : 25 Aug 21 18:03 Operator: LP,DG,CH
Sample : 20ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 10:54 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 10:53:26 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.63	95	24701	18.06	ppb		95
52)	2-Pentanone	6.90	43	85654	153.76	ppb		100
53)	1,2-Dichloropropane	6.88	63	10359	19.79	ppb	#	93
54)	Bromodichloromethane	7.20	83	39046	19.79	ppb		95
55)	Methyl Cyclohexane	6.82	83	30795	17.94	ppb		94
56)	Dibromomethane	7.01	93	14710	19.14	ppb		98
57)	MIBK (methyl isobutyl ket	7.89	43	19855	59.49	ppb		97
58)	1-Bromo-2-chloroethane	7.52	144	5166	19.22	ppb		89
60)	Cis-1,3-Dichloropropene	7.69	39	22047	20.01	ppb		94
61)	Toluene	8.02	91	97434	19.63	ppb		98
62)	Trans-1,3-Dichloropropene	8.28	75	36266	20.56	ppb		98
63)	1,1,2-TCA	8.46	83	15068	19.95	ppb		90
64)	2-Hexanone	8.75	43	12829	58.83	ppb	#	91
67)	1,2-EDB	8.94	107	22750	19.57	ppb		97
68)	Tetrachloroethene	8.57	164	20384	18.45	ppb		89
69)	1-Chlorohexane	9.45	91	25517	18.78	ppb		87
70)	1,1,1,2-Tetrachloroethane	9.53	131	33505	18.90	ppb		88
71)	m&p-Xylene	9.69	106	96649	37.85	ppb		92
72)	o-Xylene	10.08	106	47392	18.78	ppb		85
73)	Styrene	10.10	104	75027	18.78	ppb		98
75)	1,3-Dichloropropane	8.62	76	33133	19.33	ppb		97
76)	Dibromochloromethane	8.84	129	30771	18.50	ppb		89
77)	Chlorobenzene	9.44	112	75305	19.66	ppb		97
78)	Ethylbenzene	9.57	91	109076	18.57	ppb		98
79)	Bromoform	10.27	173	24216	18.29	ppb	#	73
81)	Isopropylbenzene	10.45	105	124176	19.17	ppb		98
82)	1,1,2,2-Tetrachloroethane	10.77	83	21426	19.57	ppb		95
83)	1,2,3-Trichloropropane	10.80	110	10370	20.71	ppb		91
84)	t-1,4-Dichloro-2-Butene	10.83	53	5524	20.14	ppb		94
85)	Bromobenzene	10.73	156	41033	19.75	ppb		89
86)	n-Propylbenzene	10.86	91	126023	19.26	ppb		97
87)	4-Ethyltoluene	10.98	105	119837	19.47	ppb		96
88)	2-Chlorotoluene	10.93	91	93684	18.47	ppb		97
89)	1,3,5-Trimethylbenzene	11.05	105	104382	19.42	ppb		97
90)	4-Chlorotoluene	11.05	91	95168	19.47	ppb		93
91)	Tert-Butylbenzene	11.36	119	66712	20.40	ppb		95
92)	1,2,4-Trimethylbenzene	11.41	105	108392	19.93	ppb		89
93)	Sec-Butylbenzene	11.58	105	122203	20.09	ppb		95
94)	p-Isopropyltoluene	11.74	119	118689	19.88	ppb		99
95)	Benzyl Chloride	11.92	91	29360	18.39	ppb		97
96)	1,3-DCB	11.77	146	71967	19.43	ppb		99
97)	1,4-DCB	11.68	146	73242	19.14	ppb		93
98)	n-Butylbenzene	12.14	91	74868	20.19	ppb		94
99)	1,2-DCB	12.14	146	72367	19.47	ppb		96
100)	Hexachloroethane	12.38	117	20474	19.13	ppb		90
101)	1,2-Dibromo-3-chloropropan	12.92	157	7346	16.71	ppb		97
102)	1,2,4-Trichlorobenzene	13.74	180	46813	16.37	ppb		93
103)	Hexachlorobutadiene	13.92	225	31642	17.30	ppb		93
104)	Naphthalene	13.99	128	37288	15.11	ppb		99
105)	1,2,3-Trichlorobenzene	14.23	180	40140	16.62	ppb		95

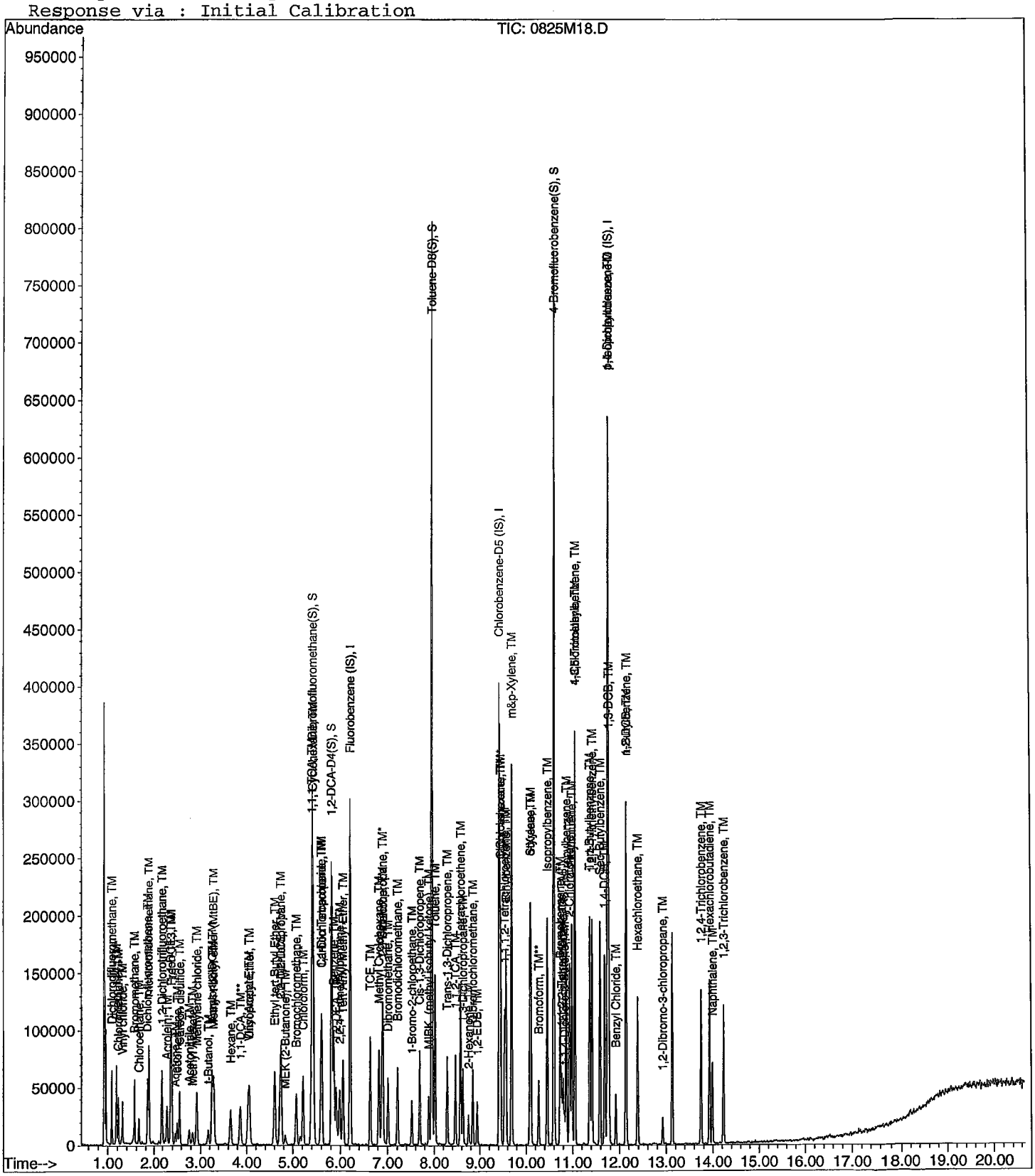
(#) = qualifier out of range (m) = manual integration

Quantitation Report

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 10:54 2021 Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 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 10:54 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 10:53:26 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
65) Chlorobenzene-D5 (IS)	9.41	117	216925	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.75	152	140689	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.41	111	151584	49.91	ppb		0.00
Spiked Amount 25.000			Recovery = 199.628%				
46) 1,2-DCA-D4(S)	5.81	65	102456	51.33	ppb		0.00
Spiked Amount 25.000			Recovery = 205.320%				
66) Toluene-D8(S)	7.95	98	486936	47.87	ppb		0.00
Spiked Amount 25.000			Recovery = 191.472%				
74) 4-Bromofluorobenzene(S)	10.60	95	195822	49.34	ppb		0.00
Spiked Amount 25.000			Recovery = 197.364%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.08	85	71711	44.56	ppb		94
4) Freon 114	1.18	85	41532	43.29	ppb		95
5) Chloromethane	1.22	50	37104	40.65	ppb		100
6) Vinyl chloride	1.31	62	45337	42.88	ppb		96
8) Bromomethane	1.56	94	33992	39.49	ppb		97
9) Chloroethane	1.65	64	19127	37.41	ppb		98
10) Dichlorofluoromethane	1.84	67	82432	41.73	ppb		88
11) Trichlorofluoromethane	1.88	101	115072	42.44	ppb		95
13) Acrolein	2.29	56	23053	173.82	ppb		92
14) Acetone	2.46	43	12984	85.54	ppb		85
15) Freon-113	2.38	151	52006	42.91	ppb	#	88
16) Acetonitrile	2.76	41	14966	189.31	ppb		96
18) 1,2-Dichlorotrifluoroethan	2.18	67	45482	40.17	ppb		99
19) 1,1-DCE	2.36	61	70379	40.63	ppb		92
20) t-Butanol	3.17	59	17391	169.69	ppb		94
21) Methyl Acetate	2.83	43	22696	41.36	ppb		86
22) Iodomethane	2.51	142	52184	38.27	ppb	#	95
23) Acrylonitrile	3.26	53	12550	43.83	ppb	#	71
25) Methylene chloride	2.91	84	44047	41.65	ppb		92
26) Carbon disulfide	2.56	76	73568	41.43	ppb		98
27) Methyl t-butyl ether (MtBE	3.29	73	150364	40.06	ppb	#	93
28) Trans-1,2-DCE	3.25	96	52951	43.32	ppb		81
30) Hexane	3.64	56	20049	40.08	ppb		87
31) Diisopropyl Ether	4.05	45	102293	42.20	ppb		93
32) 1,1-DCA	3.86	63	78017	39.95	ppb		92
33) Vinyl Acetate	4.03	43	41736	49.04	ppb	#	84
34) Ethyl tert Butyl Ether	4.60	59	135463	42.96	ppb		90
36) MEK (2-Butanone)	4.83	43	14443	86.97	ppb		92
37) Cis-1,2-DCE	4.74	96	58101	43.22	ppb		86
38) 2,2-Dichloropropane	4.72	77	92752	41.30	ppb		98
39) Chloroform	5.21	83	103416	42.18	ppb		87
40) Bromochloromethane	5.07	130	45381	44.32	ppb		92
42) 1,1,1-TCA	5.39	97	115991	43.92	ppb		96
43) Cyclohexane	5.44	41	33700	42.17	ppb		88
44) 1,1-Dichloropropene	5.61	75	64147	41.43	ppb		93
45) 2,2,4-Trimethylpentane	5.98	57	94221	43.10	ppb	#	78
47) Carbon Tetrachloride	5.59	117	108100	44.45	ppb		91
48) Tert Amyl Methyl Ether	6.06	73	132180	42.93	ppb		94
49) 1,2-DCA	5.91	62	87524	37.85	ppb		100
50) Benzene	5.86	78	183189	42.32	ppb		98

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M19.D Vial: 9
Acq On : 25 Aug 21 18:31 Operator: LP,DG,CH
Sample : 40ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 10:54 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 10:53:26 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.63	95	57774	43.27	ppb		94
52)	2-Pentanone	6.90	43	97408	179.13	ppb		100
53)	1,2-Dichloropropane	6.88	63	21560	42.49	ppb	#	89
54)	Bromodichloromethane	7.20	83	80430	41.76	ppb		100
55)	Methyl Cyclohexane	6.82	83	70066	41.81	ppb		98
56)	Dibromomethane	7.01	93	31149	41.52	ppb		91
57)	MIBK (methyl isobutyl ket	7.88	43	25546	78.41	ppb		94
58)	1-Bromo-2-chloroethane	7.51	144	11521	43.92	ppb		96
60)	Cis-1,3-Dichloropropene	7.69	39	44713	41.57	ppb		93
61)	Toluene	8.02	91	202196	41.74	ppb		99
62)	Trans-1,3-Dichloropropene	8.28	75	75884	44.07	ppb		95
63)	1,1,2-TCA	8.46	83	30704	41.86	ppb		96
64)	2-Hexanone	8.75	43	18885	88.72	ppb		87
67)	1,2-EDB	8.94	107	46359	40.94	ppb		92
68)	Tetrachloroethene	8.57	164	46952	43.62	ppb		86
69)	1-Chlorohexane	9.45	91	59685	45.09	ppb		93
70)	1,1,1,2-Tetrachloroethane	9.53	131	71446	41.36	ppb		94
71)	m&p-Xylene	9.69	106	207997	83.62	ppb		94
72)	o-Xylene	10.08	106	102853	41.83	ppb		93
73)	Styrene	10.10	104	162524	41.77	ppb		97
75)	1,3-Dichloropropane	8.62	76	67451	40.40	ppb		94
76)	Dibromochloromethane	8.84	129	68081	42.02	ppb		90
77)	Chlorobenzene	9.44	112	159207	42.67	ppb		96
78)	Ethylbenzene	9.56	91	240684	42.06	ppb		97
79)	Bromoform	10.27	173	55472	43.01	ppb	#	79
81)	Isopropylbenzene	10.45	105	263988	41.06	ppb		96
82)	1,1,2,2-Tetrachloroethane	10.77	83	43004	39.58	ppb		98
83)	1,2,3-Trichloropropane	10.80	110	21993	44.26	ppb		97
84)	t-1,4-Dichloro-2-Butene	10.82	53	11845	43.52	ppb		99
85)	Bromobenzene	10.73	156	88518	42.92	ppb		91
86)	n-Propylbenzene	10.86	91	274935	42.35	ppb		97
87)	4-Ethyltoluene	10.98	105	257808	42.21	ppb		97
88)	2-Chlorotoluene	10.93	91	172764	34.31	ppb		91
89)	1,3,5-Trimethylbenzene	11.05	105	223900	41.96	ppb		95
90)	4-Chlorotoluene	11.05	91	203627	41.97	ppb		96
91)	Tert-Butylbenzene	11.36	119	140224	43.20	ppb		95
92)	1,2,4-Trimethylbenzene	11.41	105	230559	42.72	ppb		90
93)	Sec-Butylbenzene	11.58	105	268546	44.48	ppb		99
94)	p-Isopropyltoluene	11.74	119	264762	44.67	ppb		99
95)	Benzyl Chloride	11.91	91	64940	40.99	ppb		97
96)	1,3-DCB	11.77	146	151312	41.16	ppb		98
97)	1,4-DCB	11.68	146	156174	41.13	ppb		97
98)	n-Butylbenzene	12.14	91	173372	47.10	ppb		97
99)	1,2-DCB	12.13	146	154254	41.80	ppb		97
100)	Hexachloroethane	12.38	117	43867	41.29	ppb		93
101)	1,2-Dibromo-3-chloropropan	12.92	157	17054	36.72	ppb		91
102)	1,2,4-Trichlorobenzene	13.74	180	115010	36.43	ppb		97
103)	Hexachlorobutadiene	13.92	225	72617	38.33	ppb		94
104)	Naphthalene	13.98	128	103816	36.64	ppb		100
105)	1,2,3-Trichlorobenzene	14.22	180	99730	36.48	ppb		92

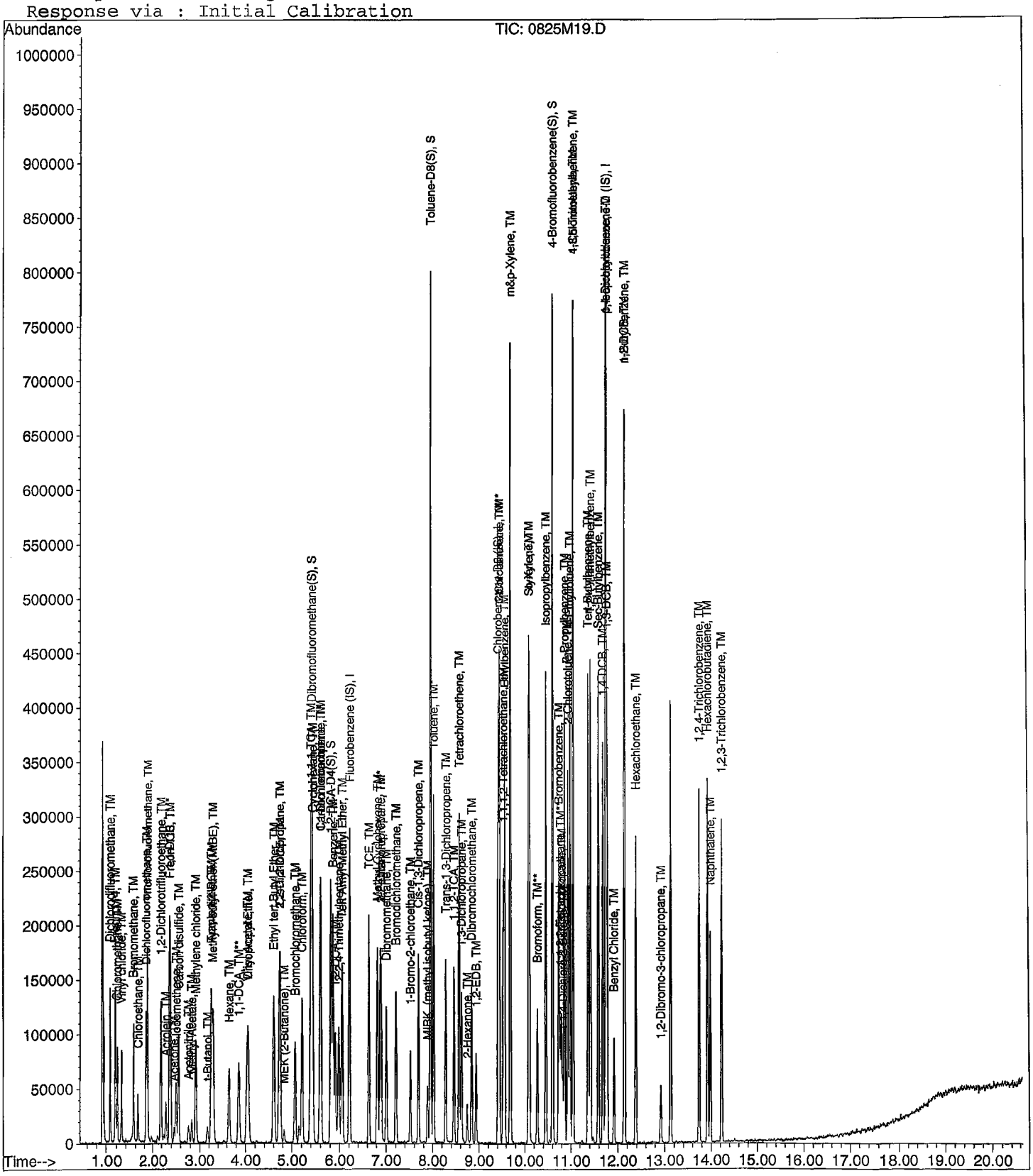
(#) = qualifier out of range (m) = manual integration

Quantitation Report

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 10:54 2021 Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M20.D Vial: 10
Acq On : 25 Aug 21 18:59 Operator: LP,DG,CH
Sample : 100ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 10:54 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 10:53:26 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
65) Chlorobenzene-D5 (IS)	9.41	117	218191	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.75	152	142788	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.42	111	272268	89.85	ppb		0.00
Spiked Amount 25.000			Recovery = 359.396%				
46) 1,2-DCA-D4(S)	5.81	65	179968	90.37	ppb		0.00
Spiked Amount 25.000			Recovery = 361.496%				
66) Toluene-D8(S)	7.95	98	893556	87.33	ppb		0.00
Spiked Amount 25.000			Recovery = 349.324%				
74) 4-Bromofluorobenzene(S)	10.60	95	358053	89.70	ppb		0.00
Spiked Amount 25.000			Recovery = 358.780%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.08	85	174323	108.57	ppb		91
4) Freon 114	1.19	85	94254	98.94	ppb		94
5) Chloromethane	1.22	50	95379	104.74	ppb		91
6) Vinyl chloride	1.31	62	112157	106.32	ppb		88
8) Bromomethane	1.56	94	86296	100.48	ppb		90
9) Chloroethane	1.65	64	48057	94.22	ppb		97
10) Dichlorofluoromethane	1.84	67	200177	101.56	ppb		89
11) Trichlorofluoromethane	1.87	101	281089	103.91	ppb		96
13) Acrolein	2.29	56	26117	197.38	ppb		86
14) Acetone	2.47	43	15033	99.27	ppb		94
15) Freon-113	2.38	151	123435	102.08	ppb	#	90
16) Acetonitrile	2.77	41	16508	209.30	ppb		95
18) 1,2-Dichlorotrifluoroethan	2.19	67	113571	100.07	ppb	#	97
19) 1,1-DCE	2.36	61	166963	96.60	ppb	#	92
20) t-Butanol	3.18	59	21718	212.40	ppb		95
21) Methyl Acetate	2.83	43	52638	96.15	ppb		87
22) Iodomethane	2.51	142	143556	101.68	ppb	#	93
23) Acrylonitrile	3.26	53	28047	98.40	ppb	#	81
25) Methylene chloride	2.91	84	104467	99.59	ppb		99
26) Carbon disulfide	2.56	76	166912	94.21	ppb		97
27) Methyl t-butyl ether (MtBE	3.29	73	357527	95.49	ppb		93
28) Trans-1,2-DCE	3.25	96	121402	99.54	ppb		87
30) Hexane	3.65	56	50963	100.17	ppb		90
31) Diisopropyl Ether	4.05	45	247027	102.15	ppb		97
32) 1,1-DCA	3.86	63	190274	97.67	ppb		95
33) Vinyl Acetate	4.04	43	108625	129.98	ppb	#	86
34) Ethyl tert Butyl Ether	4.60	59	316781	100.69	ppb		98
36) MEK (2-Butanone)	4.84	43	15397	92.93	ppb	#	96
37) Cis-1,2-DCE	4.75	96	133881	99.81	ppb		93
38) 2,2-Dichloropropane	4.72	77	215843	96.34	ppb		92
39) Chloroform	5.21	83	246726	100.88	ppb		86
40) Bromochloromethane	5.07	130	105030	102.80	ppb		93
42) 1,1,1-TCA	5.40	97	264557	100.41	ppb		93
43) Cyclohexane	5.44	41	79119	99.41	ppb		97
44) 1,1-Dichloropropene	5.61	75	151399	98.02	ppb		95
45) 2,2,4-Trimethylpentane	5.99	57	226925	104.04	ppb	#	76
47) Carbon Tetrachloride	5.59	117	248332	102.36	ppb	#	80
48) Tert Amyl Methyl Ether	6.06	73	306649	99.82	ppb		99
49) 1,2-DCA	5.91	62	208435	90.35	ppb		96
50) Benzene	5.86	78	423078	97.98	ppb		99

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M20.D Vial: 10
Acq On : 25 Aug 21 18:59 Operator: LP,DG,CH
Sample : 100ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 10:54 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 10:53:26 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.63	95	128484	96.46	ppb		91
52)	2-Pentanone	6.90	43	99104	182.68	ppb		100
53)	1,2-Dichloropropane	6.88	63	50008	99.11	ppb	#	90
54)	Bromodichloromethane	7.20	83	188598	98.14	ppb		99
55)	Methyl Cyclohexane	6.82	83	168747	100.92	ppb		93
56)	Dibromomethane	7.01	93	75768	101.22	ppb		94
57)	MIBK (methyl isobutyl ket	7.89	43	30880	95.00	ppb		95
58)	1-Bromo-2-chloroethane	7.52	144	27027	103.27	ppb		84
60)	Cis-1,3-Dichloropropene	7.69	39	107057	99.76	ppb		97
61)	Toluene	8.02	91	481337	99.59	ppb		100
62)	Trans-1,3-Dichloropropene	8.28	75	182087	105.99	ppb		93
63)	1,1,2-TCA	8.46	83	72481	99.33	ppb		91
64)	2-Hexanone	8.75	43	21230	99.97	ppb		92
67)	1,2-EDB	8.94	107	110422	96.95	ppb		96
68)	Tetrachloroethene	8.57	164	106344	98.23	ppb		88
69)	1-Chlorohexane	9.45	91	136740	102.71	ppb		93
70)	1,1,1,2-Tetrachloroethane	9.53	131	165378	95.18	ppb		97
71)	m&p-Xylene	9.69	106	482915	193.03	ppb		97
72)	o-Xylene	10.08	106	241495	97.65	ppb		100
73)	Styrene	10.10	104	387688	99.05	ppb		97
75)	1,3-Dichloropropane	8.62	76	160608	95.65	ppb		98
76)	Dibromochloromethane	8.84	129	160617	98.57	ppb		88
77)	Chlorobenzene	9.44	112	375022	99.92	ppb		92
78)	Ethylbenzene	9.56	91	575384	99.96	ppb		95
79)	Bromoform	10.27	173	125719	96.90	ppb	#	80
81)	Isopropylbenzene	10.45	105	624340	95.68	ppb		97
82)	1,1,2,2-Tetrachloroethane	10.77	83	116781	105.90	ppb		96
83)	1,2,3-Trichloropropane	10.80	110	50530	100.19	ppb		99
84)	t-1,4-Dichloro-2-Butene	10.82	53	30948	112.04	ppb		94
85)	Bromobenzene	10.73	156	207362	99.07	ppb		96
86)	n-Propylbenzene	10.86	91	645780	98.00	ppb		96
87)	4-Ethyltoluene	10.98	105	614205	99.08	ppb		96
88)	2-Chlorotoluene	10.93	91	404656	79.19	ppb		92
89)	1,3,5-Trimethylbenzene	11.04	105	543538	100.38	ppb		95
90)	4-Chlorotoluene	11.05	91	485111	98.51	ppb		96
91)	Tert-Butylbenzene	11.36	119	344832	104.69	ppb		97
92)	1,2,4-Trimethylbenzene	11.41	105	552886	100.94	ppb		89
93)	Sec-Butylbenzene	11.58	105	640887	104.58	ppb		95
94)	p-Isopropyltoluene	11.74	119	646816	107.53	ppb		100
95)	Benzyl Chloride	11.92	91	189102	117.59	ppb		98
96)	1,3-DCB	11.77	146	381829	102.33	ppb		99
97)	1,4-DCB	11.68	146	373443	96.91	ppb		97
98)	n-Butylbenzene	12.14	91	445964	119.37	ppb		96
99)	1,2-DCB	12.13	146	391925	104.65	ppb		96
100)	Hexachloroethane	12.38	117	107582	99.77	ppb		95
101)	1,2-Dibromo-3-chloropropan	12.92	157	49545	101.84	ppb	#	86
102)	1,2,4-Trichlorobenzene	13.74	180	344761	102.21	ppb		97
103)	Hexachlorobutadiene	13.92	225	198820	101.22	ppb		90
104)	Naphthalene	13.98	128	312448	102.38	ppb		100
105)	1,2,3-Trichlorobenzene	14.22	180	302003	102.06	ppb		93

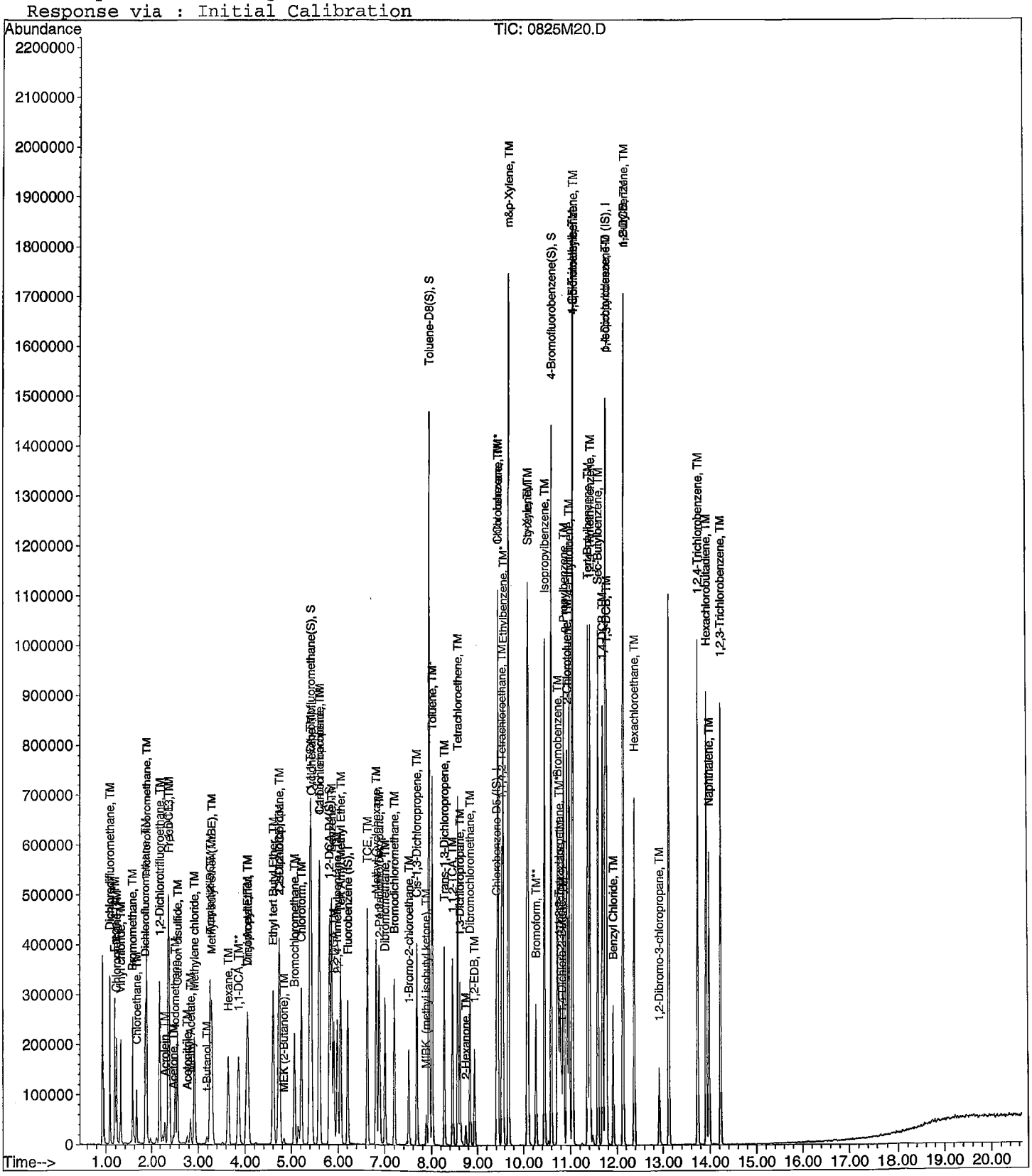
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\210825\0825M20.D Vial: 10
Acq On : 25 Aug 21 18:59 Operator: LP,DG,CH
Sample : 100ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 10:54 2021 Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration



VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Second Source Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Date Analyzed: 8/25/2021
Matrix: Instrument: Max
Initial Cal. Date: 8/25/2021
Data File: 0825M22.D

		Compound	MEAN	CCRF	%D		%Drift	
1	TM	Chlorotrifluoroethene	0.0000	0.0154	0.00	TM		
2	TM	Dichlorodifluoromethane	0.1597	0.1703	6.6	TM		
3	TML	Freon 114	0.1150	0.0916	20	TML	6.6	
4	TM**	Chloromethane	0.0906	0.1017	12	TM**		
5	TM*	Vinyl chloride	0.1050	0.1137	8.3	TM*		
6	TM	2-Chloro-1,1,1-trifluoroethane	0.0000	0.0020	0.00	TM		
7	TM	Bromomethane	0.0854	0.0729	15	TM		
8	TM	Chloroethane	0.0507	0.0499	1.7	TM		
9	TM	Dichlorofluoromethane	0.1961	0.1800	8.2	TM		
10	TM	Trichlorofluoromethane	0.2692	0.2931	8.9	TM		
11	TM	2,2-Dichloro-1,1,1-trifluoroethane	0.0000	0.0005	0.00	TM		
12	TM	Acrolein	0.0132	0.0116	12	TM		
13	TM	Acetone	0.0151	0.0142	5.7	TM		
14	TM	Freon-113	0.1203	0.1133	5.8	TM		
15	TM	Acetonitrile	0.0078	0.0065	17	TM		
16	TM	2-propanol	0.0000	0.0001	0.00	TM		
17	TML	1,2-Dichlorotrifluoroethane	0.1186	0.1168	1.5	TML	6.3	
18	TM*	1,1-DCE	0.1720	0.1537	11	TM*		
19	TM	t-Butanol	0.0102	0.0090	11	TM		
20	TM	Methyl Acetate	0.0545	0.0465	15	TM		
21	TML	Iodomethane	0.0904	0.0737	19	TML	18	
22	TML	Acrylonitrile	0.0239	0.0296	24	TML	2.9	
23	TM	2-Methylpentane	0.0000	0.0003	0.00	TM		
24	TML	Methylene chloride	0.1215	0.1023	16	TML	5.9	
25	TM	Carbon disulfide	0.1763	0.1670	5.3	TM		
26	TM	Methyl t-butyl ether (MtBE)	0.3725	0.3181	15	TM		
27	TM	Trans-1,2-DCE	0.1213	0.1090	10	TM		
28	TM	3-Methylpentane	0.0000	0.0497	0.00	TM		
29	TML	Hexane	0.0429	0.0501	17	TML	10	
30	TM	Diisopropyl Ether	0.2406	0.2159	10	TM		
31	TM**	1,1-DCA	0.1938	0.1615	17	TM**		
32	TML	Vinyl Acetate	0.0962	0.1117	16	TML	23	*
33	TM	Ethyl tert Butyl Ether	0.3130	0.2719	13	TM		
34	TM	Methylcyclopentane	0.0000	0.0112	0.00	TM		
35	TM	MEK (2-Butanone)	0.0165	0.0150	9.2	TM		
36	TM	Cis-1,2-DCE	0.1335	0.1286	3.6	TM		
37	TM	2,2-Dichloropropane	0.2229	0.1874	16	TM		
38	TM*	Chloroform	0.2433	0.2171	11	TM*		
39	TM	Bromochloromethane	0.1017	0.0905	11	TM		
40	TM	1,1,1-TCA	0.2621	0.2469	5.8	TM		
		Average			9.5			

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Second Source Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: 0

SDG No:
Date Analyzed: 8/25/2021
Instrument: Max
Cal. Date: 8/25/2021
Data File: 0825M22.D

		Compound	MEAN	CCRF	%D		%Drift
41	TML	Cyclohexane	0.0877	0.0684	22	TML	15
42	TM	1,1-Dichloropropene	0.1537	0.1304	15	TM	
43	TM	2,2,4-Trimethylpentane	0.2170	0.1977	8.9	TM	
44	TM	Carbon Tetrachloride	0.2414	0.2208	8.5	TM	
45	TM	Tert Amyl Methyl Ether	0.3056	0.2774	9.2	TM	
46	TM	1,2-DCA	0.2200	0.1789	19	TM	
47	TM	Benzene	0.4296	0.3853	10	TM	
48	TM	TCE	0.1325	0.1192	10	TM	
49	TM	2-Pentanone	0.0540	0.0493	8.6	TM	
50	TM*L	1,2-Dichloropropane	0.0543	0.0446	18	TM*L	13
51	TM	Bromodichloromethane	0.1912	0.1650	14	TM	
52	TM	Methyl Cyclohexane	0.1664	0.1533	7.9	TM	
53	TM	Dibromomethane	0.0745	0.0637	14	TM	
54	TM	MIBK (methyl isobutyl ketone)	0.0323	0.0312	3.4	TM	
55	TM	1-Bromo-2-chloroethane	0.0260	0.0270	3.8	TM	
56	TM	2-Chloroethyl vinyl ether	0.0000	0.0312	0.00	TM	
57	TM	Cis-1,3-Dichloropropene	0.1068	0.0895	16	TM	
58	TM*	Toluene	0.4809	0.4258	11	TM*	
59	TM	Trans-1,3-Dichloropropene	0.1709	0.1526	11	TM	
60	TML	1,1,2-TCA	0.0793	0.0675	15	TML	8.9
61	TM	2-Hexanone	0.0211	0.0201	5.0	TM	
62	TM	1,2-EDB	0.1305	0.1085	17	TM	
63	TM	Tetrachloroethene	0.1240	0.1176	5.2	TM	
64	TM	1-Chlorohexane	0.1525	0.1339	12	TM	
65	TM	1,1,1,2-Tetrachloroethane	0.1991	0.1905	4.3	TM	
66	TM	m&p-Xylene	0.2867	0.2645	7.7	TM	
67	TM	o-Xylene	0.2834	0.2328	18	TM	
68	TM	Styrene	0.4485	0.3869	14	TM	
69	TM	1,3-Dichloropropane	0.1924	0.1867	3.0	TM	
70	TM	Dibromochloromethane	0.1867	0.1664	11	TM	
71	TM**	Chlorobenzene	0.4300	0.4019	6.5	TM**	
72	TM*	Ethylbenzene	0.6596	0.5993	9.1	TM*	
73	TM**	Bromoform	0.1487	0.1239	17	TM**	
74	TM	Isopropylbenzene	1.143	1.030	9.8	TM	
75	TM**	1,1,2,2-Tetrachloroethane	0.1931	0.1775	8.1	TM**	
76	TM	1,2,3-Trichloropropane	0.0883	0.0947	7.2	TM	
77	TM	t-1,4-Dichloro-2-Butene	0.0468	0.0374	20	TM	
78	TM	Bromobenzene	0.3665	0.3428	6.5	TM	
79	TM	n-Propylbenzene	1.154	1.070	7.3	TM	
80	TM	4-Ethyltoluene	1.085	1.010	6.9	TM	
		Average			10.5		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Second Source Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Date Analyzed: 8/25/2021
Matrix: 0 Instrument: Max
Cal. Date: 8/25/2021
Data File: 0825M22.D

		Compound	MEAN	CCRF	%D		%Drift	
81	TML	2-Chlorotoluene	0.8947	0.6869	23	TML	16	
82	TM	1,3,5-Trimethylbenzene	0.9481	0.9168	3.3	TM		
83	TM	4-Chlorotoluene	0.8622	0.7872	8.7	TM		
84	TM	Tert-Butylbenzene	0.5767	0.5354	7.2	TM		
85	TM	1,2,4-Trimethylbenzene	0.9590	0.8854	7.7	TM		
86	TM	Sec-Butylbenzene	1.073	1.016	5.4	TM		
87	TM	p-Isopropyltoluene	1.053	0.9836	6.6	TM		
88	TML	Benzyl Chloride	0.2830	0.1998	29	TML	21	*
89	TM	1,3-DCB	0.6533	0.6140	6.0	TM		
90	TM	1,4-DCB	0.6747	0.6235	7.6	TM		
91	TM	n-Butylbenzene	0.6541	0.5656	14	TM		
92	TM	1,2-DCB	0.6557	0.5933	9.5	TM		
93	TM	Hexachloroethane	0.1888	0.1539	18	TM		
94	TML	1,2-Dibromo-3-chloropropane	0.0636	0.0594	6.6	TML	14	
95	TML	1,2,4-Trichlorobenzene	0.3740	0.3484	6.9	TML	15	
96	TML	Hexachlorobutadiene	0.2750	0.2514	8.6	TML	15	
97	TML	Naphthalene	0.3151	0.3005	4.6	TML	14	
98	TML	1,2,3-Trichlorobenzene	0.3346	0.2793	17	TML	14	
99								
100								
101								
102								
103								
104								
105								
106								
107								
108								
109								
110								
111								
112								
113								
114								
115								
116								
117								
118								
119								
120								
		Average			10.5			

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M22.D Vial: 12
Acq On : 25 Aug 21 19:55 Operator: LP,DG,CH
Sample : (SS) 10ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 11:16 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.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	259530	25.00	ppb		0.00
65) Chlorobenzene-D5 (IS)	9.41	117	214997	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.75	152	138321	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.41	111	77063	24.62	ppb		0.00
Spiked Amount 25.000			Recovery = 98.484%				
46) 1,2-DCA-D4(S)	5.81	65	50720	24.66	ppb		0.00
Spiked Amount 25.000			Recovery = 98.636%				
66) Toluene-D8(S)	7.95	98	248608	24.66	ppb		0.00
Spiked Amount 25.000			Recovery = 98.636%				
74) 4-Bromofluorobenzene(S)	10.60	95	96874	24.63	ppb		0.00
Spiked Amount 25.000			Recovery = 98.512%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.09	85	17678	10.66	ppb	#	86
4) Freon 114	1.18	85	9506	9.34	ppb		97
5) Chloromethane	1.22	50	10555	11.22	ppb	#	86
6) Vinyl chloride	1.31	62	11803	10.83	ppb		97
8) Bromomethane	1.56	94	7571	8.54	ppb		88
9) Chloroethane	1.66	64	5178	9.83	ppb		91
10) Dichlorofluoromethane	1.84	67	18686	9.18	ppb		86
11) Trichlorofluoromethane	1.88	101	30432	10.89	ppb		95
13) Acrolein	2.29	56	15061	110.20	ppb		93
14) Acetone	2.46	43	7372	47.13	ppb		93
15) Freon-113	2.39	151	11766	9.42	ppb	#	86
16) Acetonitrile	2.76	41	8444	103.65	ppb		94
18) 1,2-Dichlorotrifluoroethan	2.19	67	12130	10.63	ppb		94
19) 1,1-DCE	2.37	61	15956	8.94	ppb	#	95
20) t-Butanol	3.16	59	11723	111.00	ppb		97
21) Methyl Acetate	2.83	43	4831	8.54	ppb	#	80
22) Iodomethane	2.51	142	7650	8.15	ppb		95
23) Acrylonitrile	3.26	53	3075	10.29	ppb	#	82
25) Methylene chloride	2.92	84	10618	9.41	ppb		93
26) Carbon disulfide	2.56	76	17336	9.47	ppb		98
27) Methyl t-butyl ether (MtBE	3.29	73	33021	8.54	ppb		97
28) Trans-1,2-DCE	3.25	96	11316	8.98	ppb		74
30) Hexane	3.65	56	5206	11.04	ppb		89
31) Diisopropyl Ether	4.05	45	22411	8.97	ppb		97
32) 1,1-DCA	3.86	63	16768	8.33	ppb	#	92
33) Vinyl Acetate	4.04	43	11597	12.29	ppb	#	82
34) Ethyl tert Butyl Ether	4.61	59	28226	8.69	ppb		93
36) MEK (2-Butanone)	4.84	43	7772	45.42	ppb		91
37) Cis-1,2-DCE	4.74	96	13349	9.64	ppb	#	72
38) 2,2-Dichloropropane	4.72	77	19457	8.41	ppb		94
39) Chloroform	5.21	83	22539	8.92	ppb		96
40) Bromochloromethane	5.07	130	9399	8.91	ppb	#	83
42) 1,1,1-TCA	5.39	97	25630	9.42	ppb	#	90
43) Cyclohexane	5.44	41	7101	8.52	ppb		91
44) 1,1-Dichloropropene	5.61	75	13539	8.49	ppb		97
45) 2,2,4-Trimethylpentane	5.98	57	20520	9.11	ppb		85
47) Carbon Tetrachloride	5.59	117	22926	9.15	ppb		85
48) Tert Amyl Methyl Ether	6.06	73	28798	9.08	ppb		97
49) 1,2-DCA	5.91	62	18576	8.13	ppb		96
50) Benzene	5.86	78	39995	8.97	ppb		96

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M22.D Vial: 12
Acq On : 25 Aug 21 19:55 Operator: LP,DG,CH
Sample : (SS) 10ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 11:16 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.63	95	12374	8.99	ppb		91
52)	2-Pentanone	6.90	43	64016	114.24	ppb		97
53)	1,2-Dichloropropane	6.88	63	4635	8.67	ppb	#	74
54)	Bromodichloromethane	7.20	83	17127	8.63	ppb		96
55)	Methyl Cyclohexane	6.82	83	15915	9.21	ppb		86
56)	Dibromomethane	7.01	93	6615	8.56	ppb		95
57)	MIBK (methyl isobutyl ket	7.88	43	16211	48.29	ppb		98
58)	1-Bromo-2-chloroethane	7.51	144	2805	10.38	ppb		84
60)	Cis-1,3-Dichloropropene	7.69	39	9293	8.38	ppb		95
61)	Toluene	8.02	91	44202	8.85	ppb		96
62)	Trans-1,3-Dichloropropene	8.28	75	15845	8.93	ppb		96
63)	1,1,2-TCA	8.46	83	7003	9.11	ppb		94
64)	2-Hexanone	8.75	43	10419	47.50	ppb	#	91
67)	1,2-EDB	8.93	107	9335	8.32	ppb	#	74
68)	Tetrachloroethene	8.57	164	10115	9.48	ppb	#	83
69)	1-Chlorohexane	9.45	91	11515	8.78	ppb		90
70)	1,1,1,2-Tetrachloroethane	9.53	131	16383	9.57	ppb		94
71)	m&p-Xylene	9.69	106	45496	18.46	ppb		92
72)	o-Xylene	10.08	106	20020	8.22	ppb		85
73)	Styrene	10.10	104	33276	8.63	ppb		97
75)	1,3-Dichloropropane	8.62	76	16056	9.70	ppb		96
76)	Dibromochloromethane	8.84	129	14312	8.91	ppb		77
77)	Chlorobenzene	9.44	112	34560	9.35	ppb		92
78)	Ethylbenzene	9.56	91	51539	9.09	ppb		93
79)	Bromoform	10.26	173	10659	8.34	ppb	#	75
81)	Isopropylbenzene	10.45	105	56992	9.02	ppb		96
82)	1,1,2,2-Tetrachloroethane	10.77	83	9818	9.19	ppb		88
83)	1,2,3-Trichloropropane	10.80	110	5237	10.72	ppb	#	81
84)	t-1,4-Dichloro-2-Butene	10.83	53	2071	8.01	ppb		94
85)	Bromobenzene	10.73	156	18965	9.35	ppb		94
86)	n-Propylbenzene	10.86	91	59177	9.27	ppb		88
87)	4-Ethyltoluene	10.98	105	55895	9.31	ppb		98
88)	2-Chlorotoluene	10.93	91	38005	8.43	ppb		89
89)	1,3,5-Trimethylbenzene	11.05	105	50724	9.67	ppb		89
90)	4-Chlorotoluene	11.05	91	43553	9.13	ppb		95
91)	Tert-Butylbenzene	11.36	119	29624	9.28	ppb		92
92)	1,2,4-Trimethylbenzene	11.41	105	48989	9.23	ppb		90
93)	Sec-Butylbenzene	11.58	105	56187	9.46	ppb		100
94)	p-Isopropyltoluene	11.74	119	54421	9.34	ppb		97
95)	Benzyl Chloride	11.92	91	11052	7.87	ppb		94
96)	1,3-DCB	11.77	146	33972	9.40	ppb		98
97)	1,4-DCB	11.68	146	34498	9.24	ppb		97
98)	n-Butylbenzene	12.14	91	31295	8.65	ppb		87
99)	1,2-DCB	12.13	146	32826	9.05	ppb		98
100)	Hexachloroethane	12.38	117	8514	8.15	ppb		95
101)	1,2-Dibromo-3-chloropropan	12.92	157	3284	8.61	ppb	#	86
102)	1,2,4-Trichlorobenzene	13.74	180	19277	8.50	ppb		96
103)	Hexachlorobutadiene	13.92	225	13911	8.50	ppb		92
104)	Naphthalene	13.99	128	16624	8.64	ppb		99
105)	1,2,3-Trichlorobenzene	14.22	180	15453	8.63	ppb		94

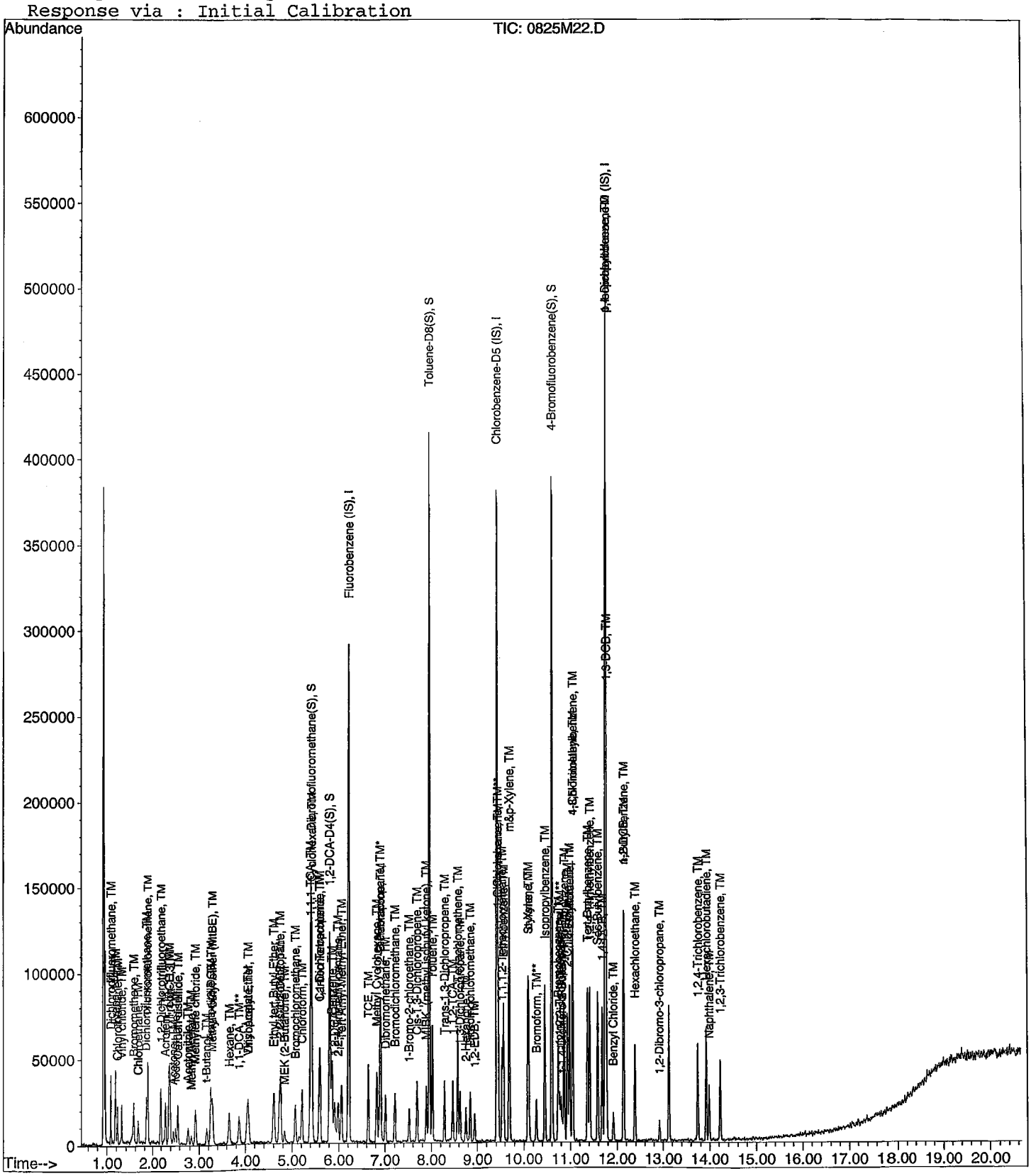
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\210825\0825M22.D Vial: 12
Acq On : 25 Aug 21 19:55 Operator: LP,DG,CH
Sample : (SS) 10ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 11:16 2021 Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration



VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Continuing Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Date Analyzed: 8/27/2021
Matrix: Instrument: Max
Initial Cal. Date: 8/25/2021
Data File: 0827M09.D

		Compound	MEAN	CCRF	%D		%Drift	
1	I	Fluorobenzene (IS)	ISTD			I		
2	TM	Chlorotrifluoroethene	0.0000	0.0177	0.00	TM		
3	TM	Dichlorodifluoromethane	0.1597	0.1581	1.0	TM		
4	TML	Freon 114	0.1150	0.0929	19	TML	5.2	
5	TM**	Chloromethane	0.0906	0.0904	0.25	TM**		
6	TM*	Vinyl chloride	0.1050	0.1049	0.08	TM*		
7	TM	2-Chloro-1,1,1-trifluoroethane	0.0000	0.0038	0.00	TM		
8	TM	Bromomethane	0.0854	0.0727	15	TM		
9	TM	Chloroethane	0.0507	0.0610	20	TM		
10	TM	Dichlorofluoromethane	0.1961	0.2170	11	TM		
11	TM	Trichlorofluoromethane	0.2692	0.2868	6.6	TM		
12	TM	2,2-Dichloro-1,1,1-trifluoroethane	0.0000	0.0002	0.00	TM		
13	TM	Acrolein	0.0132	0.0107	18	TM		
14	TM	Acetone	0.0151	0.0135	10	TM		
15	TM	Freon-113	0.1203	0.1314	9.2	TM		
16	TM	Acetonitrile	0.0078	0.0076	3.3	TM		
17	TM	2-propanol	0.0000	0.0002	0.00	TM		
18	TML	1,2-Dichlorotrifluoroethane	0.1186	0.1143	3.6	TML	4.1	
19	TM*	1,1-DCE	0.1720	0.1700	1.1	TM*		
20	TM	t-Butanol	0.0102	0.0090	11	TM		
21	TM	Methyl Acetate	0.0545	0.0560	2.7	TM		
22	TML	Iodomethane	0.0904	0.1121	24	TML	7.9	
23	TML	Acrylonitrile	0.0239	0.0313	31	TML	8.9	
24	TML	Methylene chloride	0.1215	0.1110	8.6	TML	2.5	
25	TM	Carbon disulfide	0.1763	0.1758	0.30	TM		
26	TM	Methyl t-butyl ether (MtBE)	0.3725	0.3810	2.3	TM		
27	TM	Trans-1,2-DCE	0.1213	0.1190	1.9	TM		
28	TM	3-Methylpentane	0.0000	0.0681	0.00	TM		
29	TML	Hexane	0.0429	0.0576	34	TML	25	*
30	TM	Diisopropyl Ether	0.2406	0.2404	0.11	TM		
31	TM**	1,1-DCA	0.1938	0.1840	5.1	TM**		
32	TML	Vinyl Acetate	0.0962	0.1726	79	TML	97	*
33	TM	Ethyl tert Butyl Ether	0.3130	0.3182	1.7	TM		
34	TM	Methylcyclopentane	0.0000	0.0155	0.00	TM		
35	TM	MEK (2-Butanone)	0.0165	0.0158	4.3	TM		
36	TM	Cis-1,2-DCE	0.1335	0.1327	0.54	TM		
37	TM	2,2-Dichloropropane	0.2229	0.2675	20	TM		
38	TM*	Chloroform	0.2433	0.2480	1.9	TM*		
39	TM	Bromochloromethane	0.1017	0.1076	5.9	TM		
40	S	Dibromofluoromethane(S)	0.3015	0.3002	0.43	S		
		Average			9.0			

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: 0

SDG No:
Date Analyzed: 8/27/2021
Instrument: Max
Cal. Date: 8/25/2021
Data File: 0827M09.D

		Compound	MEAN	CCRF	%D		%Drift
41	TM	1,1,1-TCA	0.2621	0.2975	13	TM	
42	TML	Cyclohexane	0.0877	0.0882	0.48	TML	10
43	TM	1,1-Dichloropropene	0.1537	0.1621	5.5	TM	
44	TM	2,2,4-Trimethylpentane	0.2170	0.2264	4.3	TM	
45	S	1,2-DCA-D4(S)	0.1981	0.2062	4.1	S	
46	TM	Carbon Tetrachloride	0.2414	0.2697	12	TM	
47	TM	Tert Amyl Methyl Ether	0.3056	0.3164	3.5	TM	
48	TM	1,2-DCA	0.2200	0.2243	1.9	TM	
49	TM	Benzene	0.4296	0.4494	4.6	TM	
50	TM	TCE	0.1325	0.1409	6.3	TM	
51	TM	2-Pentanone	0.0540	0.0488	9.5	TM	
52	TM*L	1,2-Dichloropropane	0.0543	0.0519	4.5	TM*L	1.1
53	TM	Bromodichloromethane	0.1912	0.1961	2.6	TM	
54	TM	Methyl Cyclohexane	0.1664	0.1742	4.7	TM	
55	TM	Dibromomethane	0.0745	0.0805	8.1	TM	
56	TM	MIBK (methyl isobutyl ketone)	0.0323	0.0282	13	TM	
57	TM	1-Bromo-2-chloroethane	0.0260	0.0269	3.4	TM	
58	TM	2-Chloroethyl vinyl ether	0.0000	0.0282	0.00	TM	
59	TM	Cis-1,3-Dichloropropene	0.1068	0.1165	9.1	TM	
60	TM*	Toluene	0.4809	0.4966	3.3	TM*	
61	TM	Trans-1,3-Dichloropropene	0.1709	0.1840	7.6	TM	
62	TML	1,1,2-TCA	0.0793	0.0708	11	TML	4.4
63	TM	2-Hexanone	0.0211	0.0190	10	TM	
64	I	Chlorobenzene-D5 (IS)	ISTD			I	
65	S	Toluene-D8(S)	1.172	1.154	1.6	S	
66	TM	1,2-EDB	0.1305	0.1388	6.3	TM	
67	TM	Tetrachloroethene	0.1240	0.1298	4.6	TM	
68	TM	1-Chlorohexane	0.1525	0.1668	9.4	TM	
69	TM	1,1,1,2-Tetrachloroethane	0.1991	0.2043	2.6	TM	
70	TM	m&p-Xylene	0.2867	0.2993	4.4	TM	
71	TM	o-Xylene	0.2834	0.2958	4.4	TM	
72	TM	Styrene	0.4485	0.4664	4.0	TM	
73	S	4-Bromofluorobenzene(S)	0.4574	0.4512	1.4	S	
74	TM	1,3-Dichloropropane	0.1924	0.2050	6.5	TM	
75	TM	Dibromochloromethane	0.1867	0.2082	12	TM	
76	TM**	Chlorobenzene	0.4300	0.4602	7.0	TM**	
77	TM*	Ethylbenzene	0.6596	0.6842	3.7	TM*	
78	TM**	Bromoform	0.1487	0.1550	4.3	TM**	
79	I	1,4-Dichlorobenzene-D (IS)	ISTD			I	
80	TM	Isopropylbenzene	1.143	1.208	5.8	TM	
		Average			5.8		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: 0

SDG No:
Date Analyzed: 8/27/2021
Instrument: Max
Cal. Date: 8/25/2021
Data File: 0827M09.D

		Compound	MEAN	CCRF	%D		%Drift	
81	TM**	1,1,2,2-Tetrachloroethane	0.1931	0.1928	0.16	TM**		
82	TM	1,2,3-Trichloropropane	0.0883	0.1035	17	TM		
83	TM	t-1,4-Dichloro-2-Butene	0.0468	0.0580	24	TM		*
84	TM	Bromobenzene	0.3665	0.3990	8.9	TM		
85	TM	n-Propylbenzene	1.154	1.182	2.4	TM		
86	TM	4-Ethyltoluene	1.085	1.147	5.7	TM		
87	TML	2-Chlorotoluene	0.8947	0.7949	11	TML	1.8	
88	TM	1,3,5-Trimethylbenzene	0.9481	1.045	10	TM		
89	TM	4-Chlorotoluene	0.8622	0.9206	6.8	TM		
90	TM	Tert-Butylbenzene	0.5767	0.6344	10	TM		
91	TM	1,2,4-Trimethylbenzene	0.9590	1.079	13	TM		
92	TM	Sec-Butylbenzene	1.073	1.211	13	TM		
93	TM	p-Isopropyltoluene	1.053	1.182	12	TM		
94	TML	Benzyl Chloride	0.2830	0.3065	8.3	TML	11	
95	TM	1,3-DCB	0.6533	0.7135	9.2	TM		
96	TM	1,4-DCB	0.6747	0.7142	5.8	TM		
97	TM	n-Butylbenzene	0.6541	0.7092	8.4	TM		
98	TM	1,2-DCB	0.6557	0.6878	4.9	TM		
99	TM	Hexachloroethane	0.1888	0.1887	0.06	TM		
100	TML	1,2-Dibromo-3-chloropropane	0.0636	0.0699	9.9	TML	1.7	
101	TML	1,2,4-Trichlorobenzene	0.3740	0.4299	15	TML	1.5	
102	TML	Hexachlorobutadiene	0.2750	0.2903	5.6	TML	3.9	
103	TML	Naphthalene	0.3151	0.2762	12	TML	12	
104	TML	1,2,3-Trichlorobenzene	0.3346	0.3367	0.62	TML	3.0	
105								
106								
107								
108								
109								
110								
111								
112								
113								
114								
115								
116								
117								
118								
119								
120								
		Average			8.9			

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0827M09.D Vial: 8
Acq On : 27 Aug 21 12:44 Operator: LP,DG,CH
Sample : 210827A CCV/LCS 10ug/L Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 27 13:28 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.24	96	237153	25.00	ppb		0.02
65) Chlorobenzene-D5 (IS)	9.43	117	201016	25.00	ppb		0.02
80) 1,4-Dichlorobenzene-D (IS)	11.76	152	127895	25.00	ppb		0.02
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.44	111	71197	24.89	ppb		0.03
Spiked Amount 25.000			Recovery =	99.576%			
46) 1,2-DCA-D4(S)	5.84	65	48904	26.02	ppb		0.02
Spiked Amount 25.000			Recovery =	104.080%			
66) Toluene-D8(S)	7.97	98	231969	24.61	ppb		0.02
Spiked Amount 25.000			Recovery =	98.432%			
74) 4-Bromofluorobenzene(S)	10.61	95	90694	24.66	ppb		0.02
Spiked Amount 25.000			Recovery =	98.644%			
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.09	85	14997	9.90	ppb	#	89
4) Freon 114	1.19	85	8811	9.48	ppb		97
5) Chloromethane	1.23	50	8573	9.97	ppb		92
6) Vinyl chloride	1.32	62	9949	9.99	ppb		87
8) Bromomethane	1.58	94	6895	8.51	ppb		99
9) Chloroethane	1.67	64	5787	12.02	ppb	#	83
10) Dichlorofluoromethane	1.86	67	20582	11.06	ppb		94
11) Trichlorofluoromethane	1.89	101	27210	10.66	ppb		94
13) Acrolein	2.30	56	12728	101.92	ppb	#	74
14) Acetone	2.47	43	6424	44.95	ppb		85
15) Freon-113	2.40	151	12464	10.92	ppb	#	83
16) Acetonitrile	2.78	41	8996	120.85	ppb		93
18) 1,2-Dichlorotrifluoroethan	2.20	67	10846	10.41	ppb	#	82
19) 1,1-DCE	2.38	61	16130	9.89	ppb		92
20) t-Butanol	3.18	59	10695	110.82	ppb		98
21) Methyl Acetate	2.85	43	5308	10.27	ppb		92
22) Iodomethane	2.53	142	10633	10.79	ppb	#	87
23) Acrylonitrile	3.28	53	2970	10.89	ppb	#	69
25) Methylene chloride	2.94	84	10532	10.25	ppb		94
26) Carbon disulfide	2.58	76	16672	9.97	ppb		97
27) Methyl t-butyl ether (MtBE	3.31	73	36139	10.23	ppb		100
28) Trans-1,2-DCE	3.28	96	11288	9.81	ppb		86
30) Hexane	3.68	56	5465	12.50	ppb		92
31) Diisopropyl Ether	4.08	45	22800	9.99	ppb		97
32) 1,1-DCA	3.89	63	17450	9.49	ppb		96
33) Vinyl Acetate	4.07	43	16375	19.69	ppb		100
34) Ethyl tert Butyl Ether	4.63	59	30183	10.17	ppb		99
36) MEK (2-Butanone)	4.86	43	7483	47.85	ppb	#	84
37) Cis-1,2-DCE	4.78	96	12591	9.95	ppb		93
38) 2,2-Dichloropropane	4.76	77	25373	12.00	ppb	#	89
39) Chloroform	5.24	83	23525	10.19	ppb		90
40) Bromochloromethane	5.09	130	10208	10.59	ppb		93
42) 1,1,1-TCA	5.42	97	28221	11.35	ppb		93
43) Cyclohexane	5.46	41	8363	11.02	ppb		89
44) 1,1-Dichloropropene	5.63	75	15378	10.55	ppb		88
45) 2,2,4-Trimethylpentane	6.01	57	21473	10.43	ppb	#	79
47) Carbon Tetrachloride	5.62	117	25582	11.17	ppb	#	80
48) Tert Amyl Methyl Ether	6.08	73	30017	10.35	ppb	#	93
49) 1,2-DCA	5.93	62	21274	10.19	ppb	#	91
50) Benzene	5.88	78	42632	10.46	ppb		98

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0827M09.D Vial: 8
Acq On : 27 Aug 21 12:44 Operator: LP,DG,CH
Sample : 210827A CCV/LCS 10ug/L Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 27 13:28 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.65	95	13364	10.63	ppb		85
52)	2-Pentanone	6.92	43	57910	113.10	ppb		95
53)	1,2-Dichloropropane	6.90	63	4919	10.11	ppb	#	89
54)	Bromodichloromethane	7.22	83	18607	10.26	ppb		98
55)	Methyl Cyclohexane	6.84	83	16524	10.47	ppb		96
56)	Dibromomethane	7.03	93	7637	10.81	ppb		90
57)	MIBK (methyl isobutyl ket	7.90	43	13379	43.61	ppb		99
58)	1-Bromo-2-chloroethane	7.54	144	2554	10.34	ppb		98
60)	Cis-1,3-Dichloropropene	7.71	39	11049	10.91	ppb		91
61)	Toluene	8.04	91	47104	10.33	ppb		100
62)	Trans-1,3-Dichloropropene	8.30	75	17454	10.76	ppb		99
63)	1,1,2-TCA	8.48	83	6712	9.56	ppb		96
64)	2-Hexanone	8.76	43	8996	44.88	ppb	#	88
67)	1,2-EDB	8.96	107	11157	10.63	ppb		99
68)	Tetrachloroethene	8.59	164	10437	10.46	ppb		86
69)	1-Chlorohexane	9.46	91	13415	10.94	ppb		93
70)	1,1,1,2-Tetrachloroethane	9.55	131	16429	10.26	ppb		93
71)	m&p-Xylene	9.70	106	48129	20.88	ppb		98
72)	o-Xylene	10.10	106	23786	10.44	ppb		95
73)	Styrene	10.11	104	37503	10.40	ppb		97
75)	1,3-Dichloropropane	8.64	76	16480	10.65	ppb		95
76)	Dibromochloromethane	8.86	129	16742	11.15	ppb		94
77)	Chlorobenzene	9.46	112	37001	10.70	ppb		97
78)	Ethylbenzene	9.58	91	55017	10.37	ppb		97
79)	Bromoform	10.28	173	12463	10.43	ppb		87
81)	Isopropylbenzene	10.47	105	61817	10.58	ppb		93
82)	1,1,2,2-Tetrachloroethane	10.78	83	9862	9.98	ppb		95
83)	1,2,3-Trichloropropane	10.81	110	5296	11.72	ppb		98
84)	t-1,4-Dichloro-2-Butene	10.84	53	2965	12.40	ppb		98
85)	Bromobenzene	10.75	156	20412	10.89	ppb		97
86)	n-Propylbenzene	10.88	91	60457	10.24	ppb		93
87)	4-Ethyltoluene	10.99	105	58703	10.57	ppb		91
88)	2-Chlorotoluene	10.95	91	40664	9.82	ppb		97
89)	1,3,5-Trimethylbenzene	11.06	105	53473	11.02	ppb		98
90)	4-Chlorotoluene	11.06	91	47098	10.68	ppb		97
91)	Tert-Butylbenzene	11.38	119	32456	11.00	ppb		95
92)	1,2,4-Trimethylbenzene	11.43	105	55213	11.25	ppb		87
93)	Sec-Butylbenzene	11.60	105	61931	11.28	ppb		94
94)	p-Isopropyltoluene	11.75	119	60453	11.22	ppb		99
95)	Benzyl Chloride	11.93	91	15682	11.10	ppb		99
96)	1,3-DCB	11.78	146	36500	10.92	ppb		98
97)	1,4-DCB	11.69	146	36535	10.58	ppb		96
98)	n-Butylbenzene	12.16	91	36279	10.84	ppb		97
99)	1,2-DCB	12.15	146	35186	10.49	ppb		93
100)	Hexachloroethane	12.40	117	9653	9.99	ppb		86
101)	1,2-Dibromo-3-chloropropan	12.94	157	3576	9.83	ppb	#	70
102)	1,2,4-Trichlorobenzene	13.75	180	21995	9.85	ppb		93
103)	Hexachlorobutadiene	13.94	225	14850	9.61	ppb		97
104)	Naphthalene	14.00	128	14132	8.77	ppb		99
105)	1,2,3-Trichlorobenzene	14.24	180	17225	9.70	ppb		99

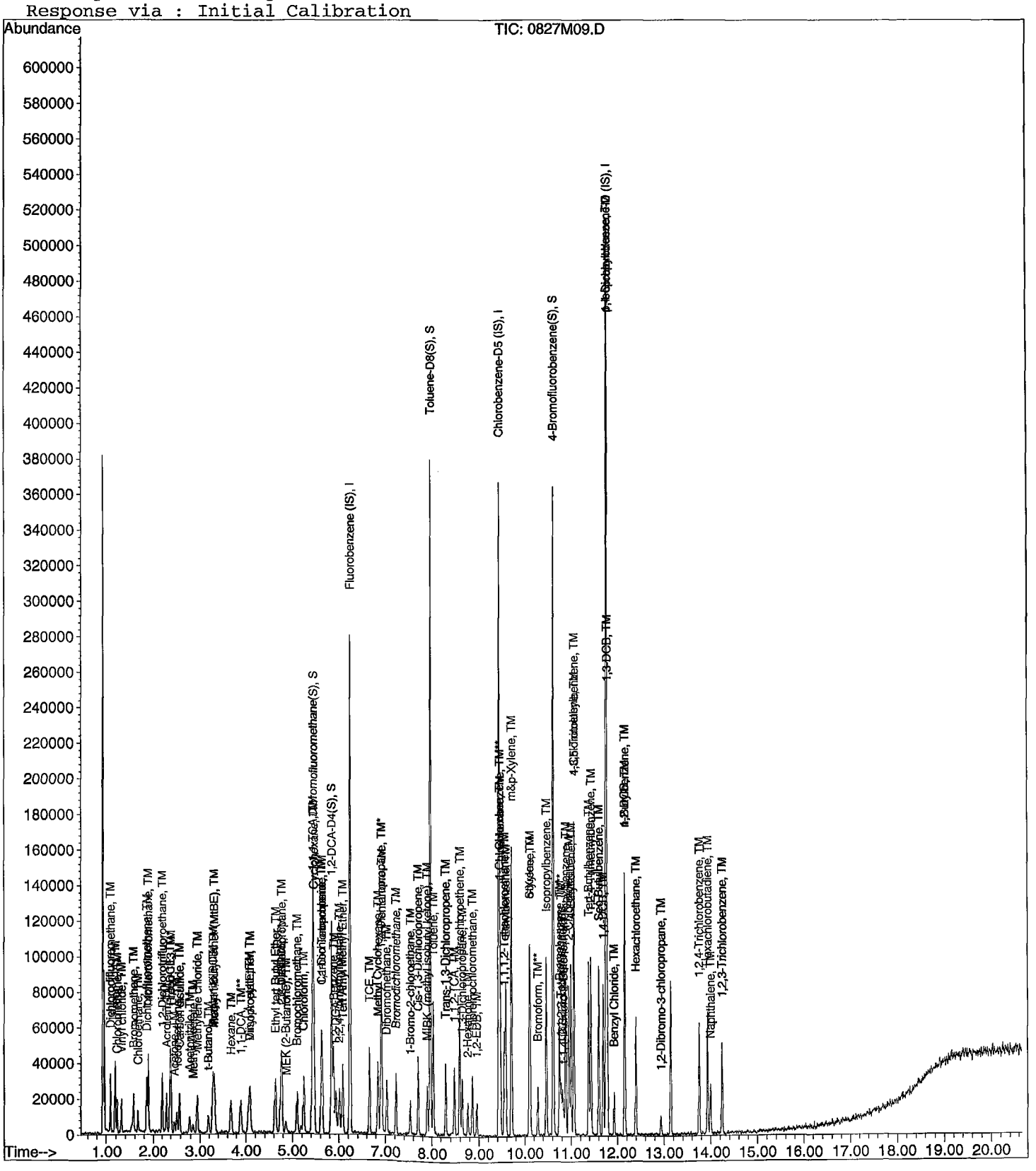
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\210825\0827M09.D Vial: 8
Acq On : 27 Aug 21 12:44 Operator: LP,DG,CH
Sample : 210827A CCV/LCS 10ug/L Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 27 13:28 2021 Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration



VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Ending Continuing Calibration

Lab Name: APPL, Inc. SDG No:
Case No: Date Analyzed: 8/26/2021
Matrix: Instrument: Max
Initial Cal. Date: 8/25/2021
Data File: 0825M33.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Fluorobenzene (IS)	ISTD			I	
2	TM	Chlorotrifluoroethene	0.0000	0.0197	0.00	TM	
3	TM	Dichlorodifluoromethane	0.1597	0.1830	15	TM	
4	TML	Freon 114	0.1150	0.1035	9.9	TML	6.1
5	TM**	Chloromethane	0.0906	0.1021	13	TM**	
6	TM*	Vinyl chloride	0.1050	0.1149	9.5	TM*	
7	TM	2-Chloro-1,1,1-trifluoroethane	0.0000	0.0031	0.00	TM	
8	TM	Bromomethane	0.0854	0.0739	14	TM	
9	TM	Chloroethane	0.0507	0.0554	9.2	TM	
10	TM	Dichlorofluoromethane	0.1961	0.2150	9.6	TM	
11	TM	Trichlorofluoromethane	0.2692	0.3176	18	TM	
12	TM	2,2-Dichloro-1,1,1-trifluoroethane	0.0000	0.0002	0.00	TM	
13	TM	Acrolein	0.0132	0.0111	16	TM	
14	TM	Acetone	0.0151	0.0145	3.8	TM	
15	TM	Freon-113	0.1203	0.1343	12	TM	
16	TM	Acetonitrile	0.0078	0.0078	0.00	TM	
17	TM	2-propanol	0.0000	0.0000	0.00	TM	
18	TML	1,2-Dichlorotrifluoroethane	0.1186	0.0998	16	TML	8.8
19	TM*	1,1-DCE	0.1720	0.1693	1.6	TM*	
20	TM	t-Butanol	0.0102	0.0107	5.6	TM	
21	TM	Methyl Acetate	0.0545	0.0507	6.9	TM	
22	TML	Iodomethane	0.0904	0.0948	4.8	TML	4.0
23	TML	Acrylonitrile	0.0239	0.0299	25	TML	3.8
24	TM	2-Methylpentane	0.0000	0.0008	0.00	TM	
25	TML	Methylene chloride	0.1215	0.1165	4.1	TML	7.8
26	TM	Carbon disulfide	0.1763	0.2014	14	TM	
27	TM	Methyl t-butyl ether (MtBE)	0.3725	0.3559	4.5	TM	
28	TM	Trans-1,2-DCE	0.1213	0.1281	5.5	TM	
29	TM	3-Methylpentane	0.0000	0.0682	0.00	TM	
30	TML	Hexane	0.0429	0.0426	0.47	TML	4.2
31	TM	Diisopropyl Ether	0.2406	0.2508	4.2	TM	
32	TM**	1,1-DCA	0.1938	0.1918	1.0	TM**	
33	TML	Vinyl Acetate	0.0962	0.1167	21	TML	29
34	TM	Ethyl tert Butyl Ether	0.3130	0.3146	0.49	TM	
35	TM	Methylcyclopentane	0.0000	0.0153	0.00	TM	
36	TM	MEK (2-Butanone)	0.0165	0.0168	1.7	TM	
37	TM	Cis-1,2-DCE	0.1335	0.1365	2.3	TM	
38	TM	2,2-Dichloropropane	0.2229	0.1957	12	TM	
39	TM*	Chloroform	0.2433	0.2494	2.5	TM*	
40	TM	Bromochloromethane	0.1017	0.1208	19	TM	
		Average			7.2		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Ending Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: 0

SDG No:
Date Analyzed: 8/26/2021
Instrument: Max
Cal. Date: 8/25/2021
Data File: 0825M33.D

		Compound	MEAN	CCRF	%D		%Drift
41	S	Dibromofluoromethane(S)	0.3015	0.2930	2.8	S	
42	TM	1,1,1-TCA	0.2621	0.2951	13	TM	
43	TML	Cyclohexane	0.0877	0.0807	8.0	TML	0.83
44	TM	1,1-Dichloropropene	0.1537	0.1540	0.19	TM	
45	TM	2,2,4-Trimethylpentane	0.2170	0.2085	3.9	TM	
46	S	1,2-DCA-D4(S)	0.1981	0.1939	2.1	S	
47	TM	Carbon Tetrachloride	0.2414	0.2701	12	TM	
48	TM	Tert Amyl Methyl Ether	0.3056	0.3138	2.7	TM	
49	TM	1,2-DCA	0.2200	0.2314	5.2	TM	
50	TM	Benzene	0.4296	0.4573	6.4	TM	
51	TM	TCE	0.1325	0.1453	9.6	TM	
52	TM	2-Pentanone	0.0540	0.0512	5.2	TM	
53	TM*L	1,2-Dichloropropane	0.0543	0.0553	1.8	TM*L	7.9
54	TM	Bromodichloromethane	0.1912	0.1929	0.87	TM	
55	TM	Methyl Cyclohexane	0.1664	0.1885	13	TM	
56	TM	Dibromomethane	0.0745	0.0771	3.5	TM	
57	TM	MIBK (methyl isobutyl ketone)	0.0323	0.0331	2.3	TM	
58	TM	1-Bromo-2-chloroethane	0.0260	0.0272	4.5	TM	
59	TM	2-Chloroethyl vinyl ether	0.0000	0.0337	0.00	TM	
60	TM	Cis-1,3-Dichloropropene	0.1068	0.1122	5.0	TM	
61	TM*	Toluene	0.4809	0.5155	7.2	TM*	
62	TM	Trans-1,3-Dichloropropene	0.1709	0.1835	7.4	TM	
63	TML	1,1,2-TCA	0.0793	0.0805	1.5	TML	9.1
64	TM	2-Hexanone	0.0211	0.0209	0.92	TM	
65	I	Chlorobenzene-D5 (IS)	ISTD			I	
66	S	Toluene-D8(S)	1.172	1.139	2.9	S	
67	TM	1,2-EDB	0.1305	0.1159	11	TM	
68	TM	Tetrachloroethene	0.1240	0.1293	4.3	TM	
69	TM	1-Chlorohexane	0.1525	0.1655	8.5	TM	
70	TM	1,1,1,2-Tetrachloroethane	0.1991	0.1969	1.1	TM	
71	TM	m&p-Xylene	0.2867	0.3016	5.2	TM	
72	TM	o-Xylene	0.2834	0.2997	5.8	TM	
73	TM	Styrene	0.4485	0.4477	0.17	TM	
74	S	4-Bromofluorobenzene(S)	0.4574	0.4519	1.2	S	
75	TM	1,3-Dichloropropane	0.1924	0.2017	4.8	TM	
76	TM	Dibromochloromethane	0.1867	0.1831	1.9	TM	
77	TM**	Chlorobenzene	0.4300	0.4645	8.0	TM**	
78	TM*	Ethylbenzene	0.6596	0.7277	10	TM*	
79	TM**	Bromoform	0.1487	0.1447	2.7	TM**	
80	I	1,4-Dichlorobenzene-D (IS)	ISTD			I	
		Average			4.9		

VOLATILE ORGANIC ANALYSIS BY
EPA METHOD 8260B

Form 7

Ending Continuing Calibration

Lab Name: APPL, Inc.
Case No:
Matrix: 0

SDG No:
Date Analyzed: 8/26/2021
Instrument: Max
Cal. Date: 8/25/2021
Data File: 0825M33.D

		Compound	MEAN	CCRF	%D		%Drift
81	TM	Isopropylbenzene	1.143	1.184	3.6	TM	
82	TM**	1,1,2,2-Tetrachloroethane	0.1931	0.1813	6.1	TM**	
83	TM	1,2,3-Trichloropropane	0.0883	0.0975	10	TM	
84	TM	t-1,4-Dichloro-2-Butene	0.0468	0.0463	0.98	TM	
85	TM	Bromobenzene	0.3665	0.4022	9.8	TM	
86	TM	n-Propylbenzene	1.154	1.226	6.3	TM	
87	TM	4-Ethyltoluene	1.085	1.176	8.3	TM	
88	TML	2-Chlorotoluene	0.8947	0.9441	5.5	TML	18
89	TM	1,3,5-Trimethylbenzene	0.9481	1.035	9.1	TM	
90	TM	4-Chlorotoluene	0.8622	0.9032	4.7	TM	
91	TM	Tert-Butylbenzene	0.5767	0.6252	8.4	TM	
92	TM	1,2,4-Trimethylbenzene	0.9590	1.010	5.3	TM	
93	TM	Sec-Butylbenzene	1.073	1.121	4.4	TM	
94	TM	p-Isopropyltoluene	1.053	1.098	4.3	TM	
95	TML	Benzyl Chloride	0.2830	0.2138	24	TML	17
96	TM	1,3-DCB	0.6533	0.7279	11	TM	
97	TM	1,4-DCB	0.6747	0.7117	5.5	TM	
98	TM	n-Butylbenzene	0.6541	0.6991	6.9	TM	
99	TM	1,2-DCB	0.6557	0.6716	2.4	TM	
100	TM	Hexachloroethane	0.1888	0.1769	6.3	TM	
101	TML	1,2-Dibromo-3-chloropropane	0.0636	0.0646	1.6	TML	7.9
102	TML	1,2,4-Trichlorobenzene	0.3740	0.3933	5.2	TML	7.6
103	TML	Hexachlorobutadiene	0.2750	0.2872	4.4	TML	4.8
104	TML	Naphthalene	0.3151	0.2809	11	TML	11
105	TML	1,2,3-Trichlorobenzene	0.3346	0.3205	4.2	TML	6.0
106							
107							
108							
109							
110							
111							
112							
113							
114							
115							
116							
117							
118							
119							
120							
		Average			6.8		

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M33.D Vial: 23
Acq On : 26 Aug 21 1:02 Operator: LP,DG,CH
Sample : 210825A CCV/ LCS 10ug/L Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 10:45 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 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	252822	25.00	ppb		0.00
65) Chlorobenzene-D5 (IS)	9.41	117	214017	25.00	ppb		0.00
80) 1,4-Dichlorobenzene-D (IS)	11.75	152	137437	25.00	ppb		0.00
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.42	111	74067	24.29	ppb		0.00
Spiked Amount 25.000			Recovery = 97.168%				
46) 1,2-DCA-D4(S)	5.81	65	49024	24.47	ppb		0.00
Spiked Amount 25.000			Recovery = 97.868%				
66) Toluene-D8(S)	7.95	98	243703	24.28	ppb		0.00
Spiked Amount 25.000			Recovery = 97.132%				
74) 4-Bromofluorobenzene(S)	10.60	95	96707	24.70	ppb		0.00
Spiked Amount 25.000			Recovery = 98.792%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.09	85	18507	11.46	ppb		98
4) Freon 114	1.18	85	10471	10.61	ppb		89
5) Chloromethane	1.22	50	10326	11.27	ppb	#	86
6) Vinyl chloride	1.31	62	11624	10.95	ppb		88
8) Bromomethane	1.56	94	7474	8.65	ppb		98
9) Chloroethane	1.66	64	5604	10.92	ppb		93
10) Dichlorofluoromethane	1.84	67	21741	10.96	ppb		93
11) Trichlorofluoromethane	1.88	101	32118	11.80	ppb		97
13) Acrolein	2.29	56	14042	105.47	ppb		100
14) Acetone	2.46	43	7326	48.08	ppb		92
15) Freon-113	2.38	151	13578	11.16	ppb	#	86
16) Acetonitrile	2.77	41	9920	125.00	ppb		97
18) 1,2-Dichlorotrifluoroethan	2.19	67	10088	9.12	ppb		97
19) 1,1-DCE	2.36	61	17118	9.84	ppb		90
20) t-Butanol	3.16	59	13582	132.02	ppb		96
21) Methyl Acetate	2.83	43	5129	9.31	ppb	#	81
22) Iodomethane	2.51	142	9583	9.60	ppb		86
23) Acrylonitrile	3.25	53	3020	10.38	ppb	#	84
25) Methylene chloride	2.92	84	11785	10.78	ppb		91
26) Carbon disulfide	2.56	76	20368	11.43	ppb		97
27) Methyl t-butyl ether (MtBE	3.29	73	35987	9.55	ppb	#	83
28) Trans-1,2-DCE	3.25	96	12952	10.55	ppb		72
30) Hexane	3.65	56	4313	9.58	ppb	#	70
31) Diisopropyl Ether	4.05	45	25361	10.42	ppb		96
32) 1,1-DCA	3.86	63	19400	9.90	ppb	#	92
33) Vinyl Acetate	4.04	43	11803	12.90	ppb		94
34) Ethyl tert Butyl Ether	4.61	59	31811	10.05	ppb		94
36) MEK (2-Butanone)	4.84	43	8475	50.84	ppb		91
37) Cis-1,2-DCE	4.75	96	13807	10.23	ppb		85
38) 2,2-Dichloropropane	4.72	77	19786	8.78	ppb		92
39) Chloroform	5.21	83	25225	10.25	ppb	#	71
40) Bromochloromethane	5.06	130	12221	11.89	ppb		87
42) 1,1,1-TCA	5.40	97	29848	11.26	ppb		93
43) Cyclohexane	5.44	41	8165	10.08	ppb		97
44) 1,1-Dichloropropene	5.61	75	15570	10.02	ppb		96
45) 2,2,4-Trimethylpentane	5.99	57	21086	9.61	ppb		87
47) Carbon Tetrachloride	5.59	117	27316	11.19	ppb		86
48) Tert Amyl Methyl Ether	6.06	73	31739	10.27	ppb		94
49) 1,2-DCA	5.91	62	23404	10.52	ppb		97
50) Benzene	5.86	78	46247	10.64	ppb		95

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M33.D Vial: 23
Acq On : 26 Aug 21 1:02 Operator: LP,DG,CH
Sample : 210825A CCV/ LCS 10ug/L Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 10:45 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.63	95	14693	10.96	ppb		96
52)	2-Pentanone	6.90	43	64696	118.52	ppb		98
53)	1,2-Dichloropropane	6.88	63	5591	10.79	ppb	#	81
54)	Bromodichloromethane	7.20	83	19504	10.09	ppb		94
55)	Methyl Cyclohexane	6.82	83	19064	11.33	ppb		79
56)	Dibromomethane	7.00	93	7792	10.35	ppb		86
57)	MIBK (methyl isobutyl ket	7.89	43	16727	51.15	ppb		98
58)	1-Bromo-2-chloroethane	7.52	144	2751	10.45	ppb		96
60)	Cis-1,3-Dichloropropene	7.69	39	11342	10.50	ppb		90
61)	Toluene	8.02	91	52135	10.72	ppb		99
62)	Trans-1,3-Dichloropropene	8.28	75	18560	10.74	ppb		88
63)	1,1,2-TCA	8.46	83	8138	10.91	ppb		83
64)	2-Hexanone	8.75	43	10585	49.54	ppb	#	95
67)	1,2-EDB	8.94	107	9919	8.88	ppb		86
68)	Tetrachloroethene	8.57	164	11072	10.43	ppb		92
69)	1-Chlorohexane	9.45	91	14170	10.85	ppb		94
70)	1,1,1,2-Tetrachloroethane	9.53	131	16855	9.89	ppb		99
71)	m&p-Xylene	9.69	106	51641	21.04	ppb		86
72)	o-Xylene	10.08	106	25660	10.58	ppb		98
73)	Styrene	10.10	104	38325	9.98	ppb		94
75)	1,3-Dichloropropane	8.62	76	17264	10.48	ppb		96
76)	Dibromochloromethane	8.84	129	15678	9.81	ppb		80
77)	Chlorobenzene	9.44	112	39763	10.80	ppb		97
78)	Ethylbenzene	9.56	91	62297	11.03	ppb		90
79)	Bromoform	10.27	173	12386	9.73	ppb		87
81)	Isopropylbenzene	10.45	105	65064	10.36	ppb		97
82)	1,1,2,2-Tetrachloroethane	10.77	83	9968	9.39	ppb		98
83)	1,2,3-Trichloropropane	10.80	110	5359	11.04	ppb		91
84)	t-1,4-Dichloro-2-Butene	10.83	53	2545	9.90	ppb		88
85)	Bromobenzene	10.73	156	22111	10.98	ppb		97
86)	n-Propylbenzene	10.86	91	67398	10.63	ppb		100
87)	4-Ethyltoluene	10.98	105	64647	10.83	ppb		97
88)	2-Chlorotoluene	10.93	91	51902	11.76	ppb		86
89)	1,3,5-Trimethylbenzene	11.05	105	56880	10.91	ppb		96
90)	4-Chlorotoluene	11.05	91	49651	10.47	ppb		91
91)	Tert-Butylbenzene	11.37	119	34368	10.84	ppb		95
92)	1,2,4-Trimethylbenzene	11.41	105	55506	10.53	ppb		86
93)	Sec-Butylbenzene	11.59	105	61601	10.44	ppb		93
94)	p-Isopropyltoluene	11.74	119	60387	10.43	ppb		98
95)	Benzyl Chloride	11.92	91	11751	8.30	ppb		92
96)	1,3-DCB	11.77	146	40016	11.14	ppb		97
97)	1,4-DCB	11.68	146	39124	10.55	ppb		95
98)	n-Butylbenzene	12.14	91	38431	10.69	ppb		95
99)	1,2-DCB	12.14	146	36921	10.24	ppb		97
100)	Hexachloroethane	12.38	117	9725	9.37	ppb		95
101)	1,2-Dibromo-3-chloropropan	12.92	157	3551	9.21	ppb		97
102)	1,2,4-Trichlorobenzene	13.74	180	21623	9.24	ppb	#	91
103)	Hexachlorobutadiene	13.92	225	15786	9.52	ppb		94
104)	Naphthalene	13.99	128	15441	8.86	ppb		98
105)	1,2,3-Trichlorobenzene	14.23	180	17618	9.40	ppb		99

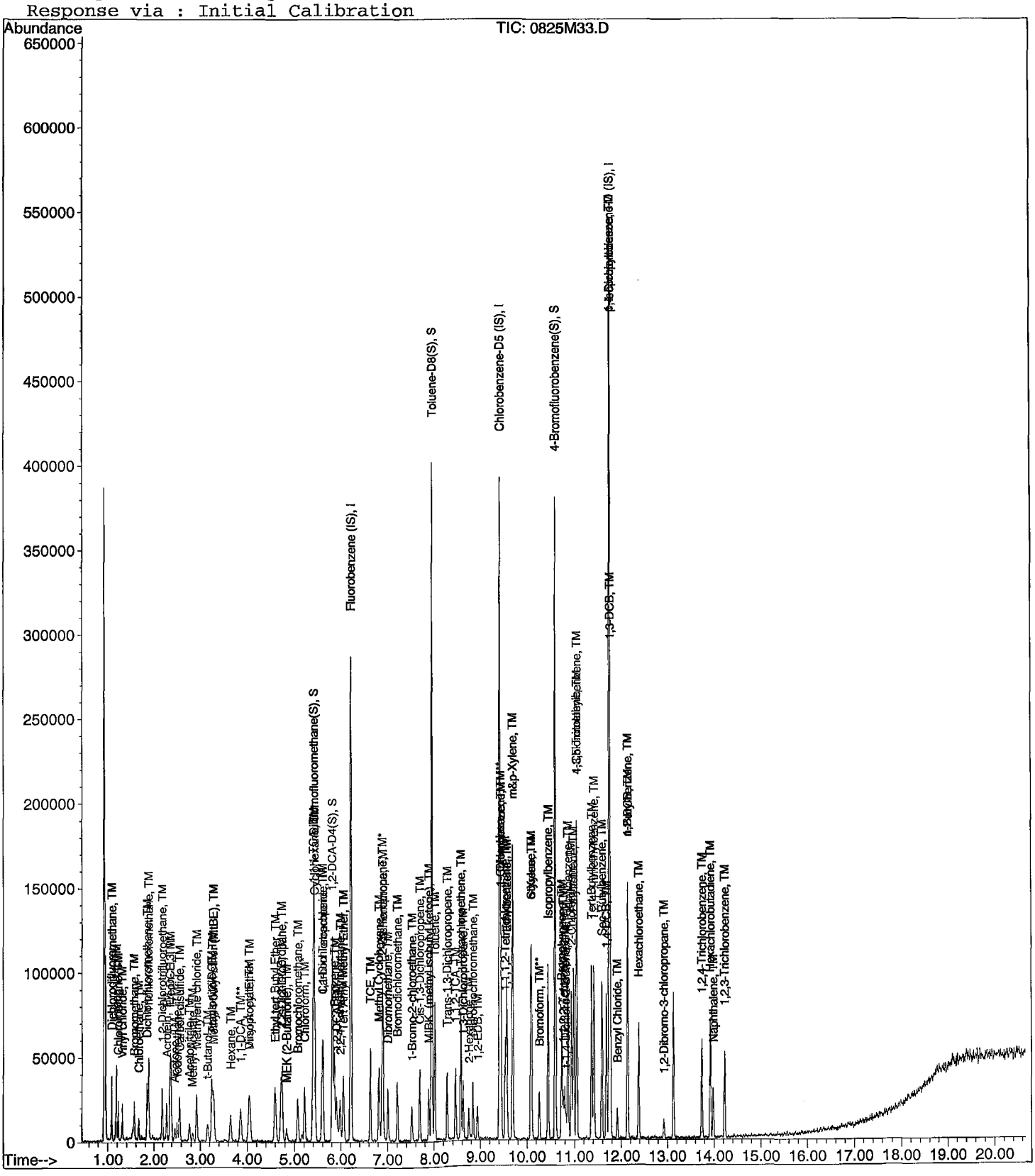
(#) = qualifier out of range (m) = manual integration
0825M33.D M0825W.M Mon Sep 20 12:29:37 2021

Quantitation Report

Data File : M:\MAX\DATA\210825\0825M33.D Vial: 23
Acq On : 26 Aug 21 1:02 Operator: LP,DG,CH
Sample : 210825A CCV/ LCS 10ug/L Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 10:45 2021 Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration



ORGANICS

Raw Data

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M15.D Vial: 14
Acq On : 27 Aug 21 15:42 Operator: LP,DG,CH
Sample : BA38280W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 12:38 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.24	96	232165	25.00	ppb	0.02
65) Chlorobenzene-D5 (IS)	9.43	117	201278	25.00	ppb	0.02
80) 1,4-Dichlorobenzene-D (IS)	11.76	152	121954	25.00	ppb	0.02
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.44	111	70637	25.23	ppb	0.02
Spiked Amount 25.000			Recovery =	100.912%		
46) 1,2-DCA-D4(S)	5.84	65	47304	25.71	ppb	0.02
Spiked Amount 25.000			Recovery =	102.836%		
66) Toluene-D8(S)	7.97	98	224824	23.82	ppb	0.02
Spiked Amount 25.000			Recovery =	95.276%		
74) 4-Bromofluorobenzene(S)	10.62	95	91213	24.77	ppb	0.02
Spiked Amount 25.000			Recovery =	99.080%		

Target Compounds Qvalue

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

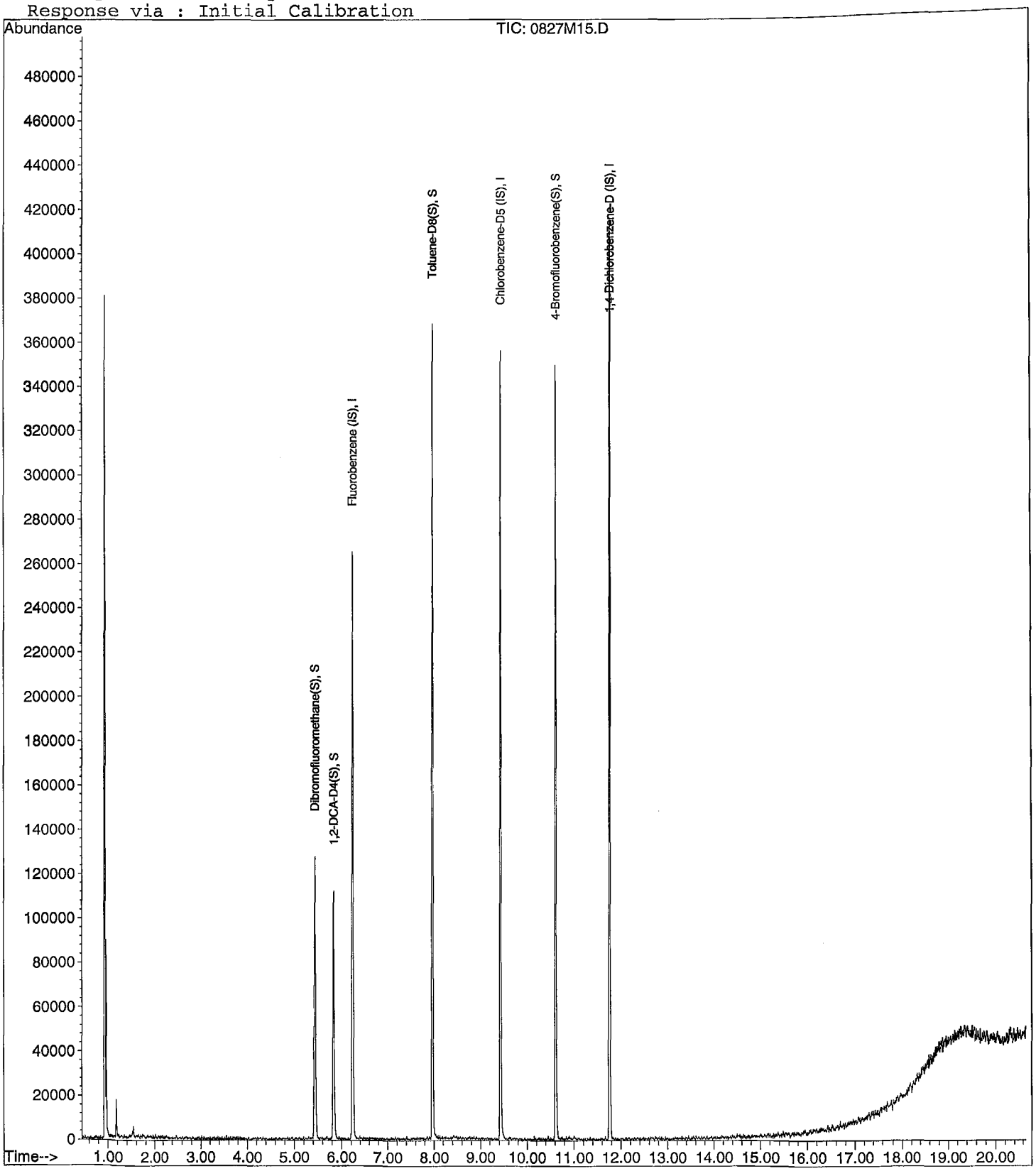
Data File : M:\MAX\DATA\210825\0827M15.D
Acq On : 27 Aug 21 15:42
Sample : BA38280W01
Misc : IS&S 6/4/21

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

Quant Time: Sep 20 12:38 2021

Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M16.D Vial: 15
Acq On : 27 Aug 21 16:10 Operator: LP,DG,CH
Sample : BA38281W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 12:39 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.24	96	230086	25.00	ppb	0.02
65) Chlorobenzene-D5 (IS)	9.43	117	197593	25.00	ppb	0.02
80) 1,4-Dichlorobenzene-D (IS)	11.76	152	125948	25.00	ppb	0.02
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.44	111	69990	25.22	ppb	0.03
Spiked Amount 25.000			Recovery = 100.892%			
46) 1,2-DCA-D4(S)	5.84	65	50272	27.57	ppb	0.02
Spiked Amount 25.000			Recovery = 110.276%			
66) Toluene-D8(S)	7.97	98	224671	24.25	ppb	0.02
Spiked Amount 25.000			Recovery = 96.988%			
74) 4-Bromofluorobenzene(S)	10.62	95	93428	25.84	ppb	0.02
Spiked Amount 25.000			Recovery = 103.376%			

Target Compounds Qvalue

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

Quantitation Report

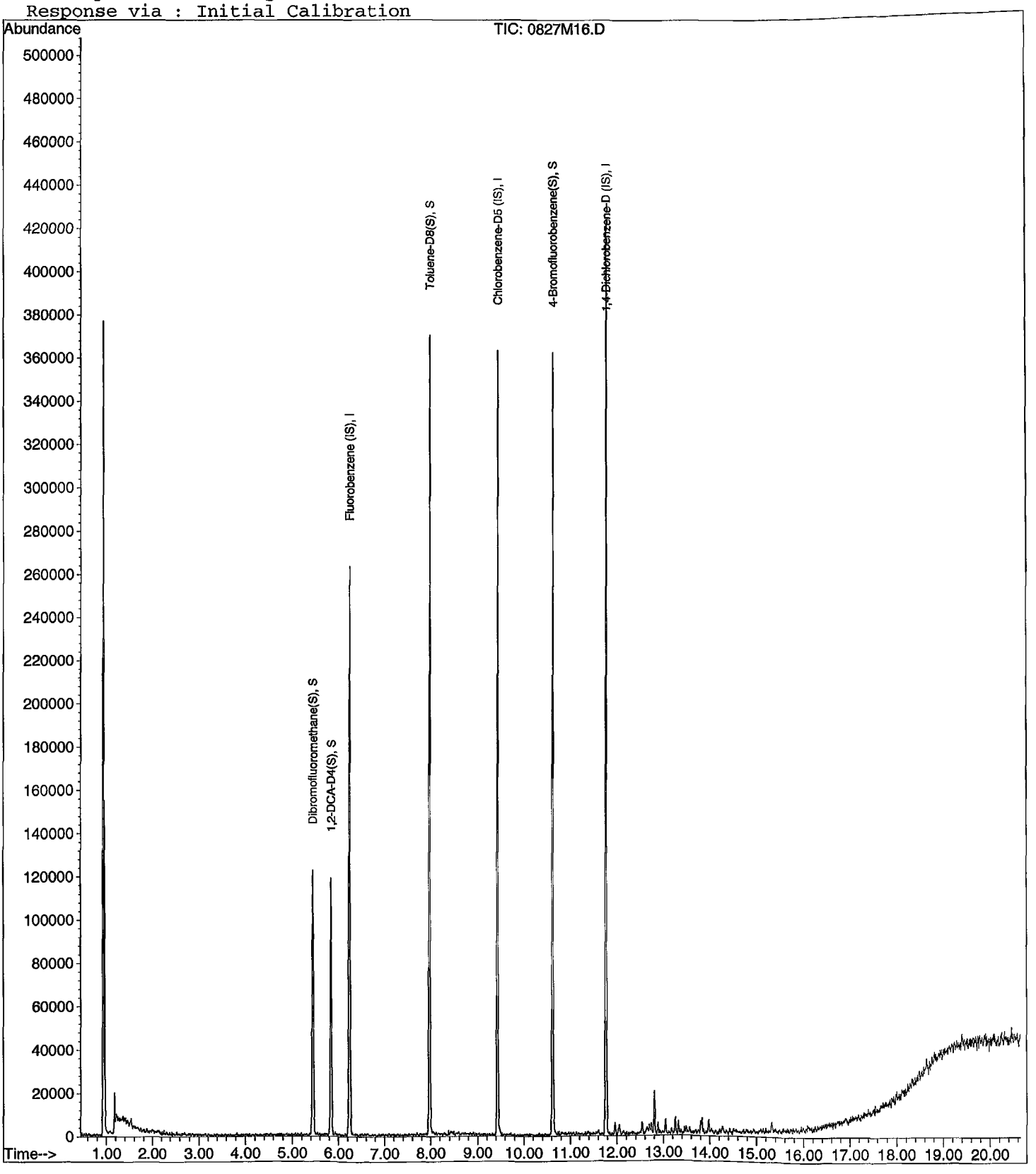
Data File : M:\MAX\DATA\210825\0827M16.D
Acq On : 27 Aug 21 16:10
Sample : BA38281W01
Misc : IS&S 6/4/21

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

Quant Time: Sep 20 12:39 2021

Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M17.D Vial: 16
Acq On : 27 Aug 21 16:37 Operator: LP,DG,CH
Sample : BA38282W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 12:40 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.24	96	243307	25.00 ppb	0.03
65) Chlorobenzene-D5 (IS)	9.43	117	193355	25.00 ppb	0.02
80) 1,4-Dichlorobenzene-D (IS)	11.76	152	121846	25.00 ppb	0.02
System Monitoring Compounds					
41) Dibromofluoromethane(S)	5.44	111	70439	24.01 ppb	0.02
Spiked Amount 25.000			Recovery =	96.024%	
46) 1,2-DCA-D4(S)	5.84	65	47704	24.74 ppb	0.02
Spiked Amount 25.000			Recovery =	98.956%	
66) Toluene-D8(S)	7.97	98	223518	24.65 ppb	0.02
Spiked Amount 25.000			Recovery =	98.604%	
74) 4-Bromofluorobenzene(S)	10.62	95	86167	24.36 ppb	0.02
Spiked Amount 25.000			Recovery =	97.432%	

Target Compounds Qvalue

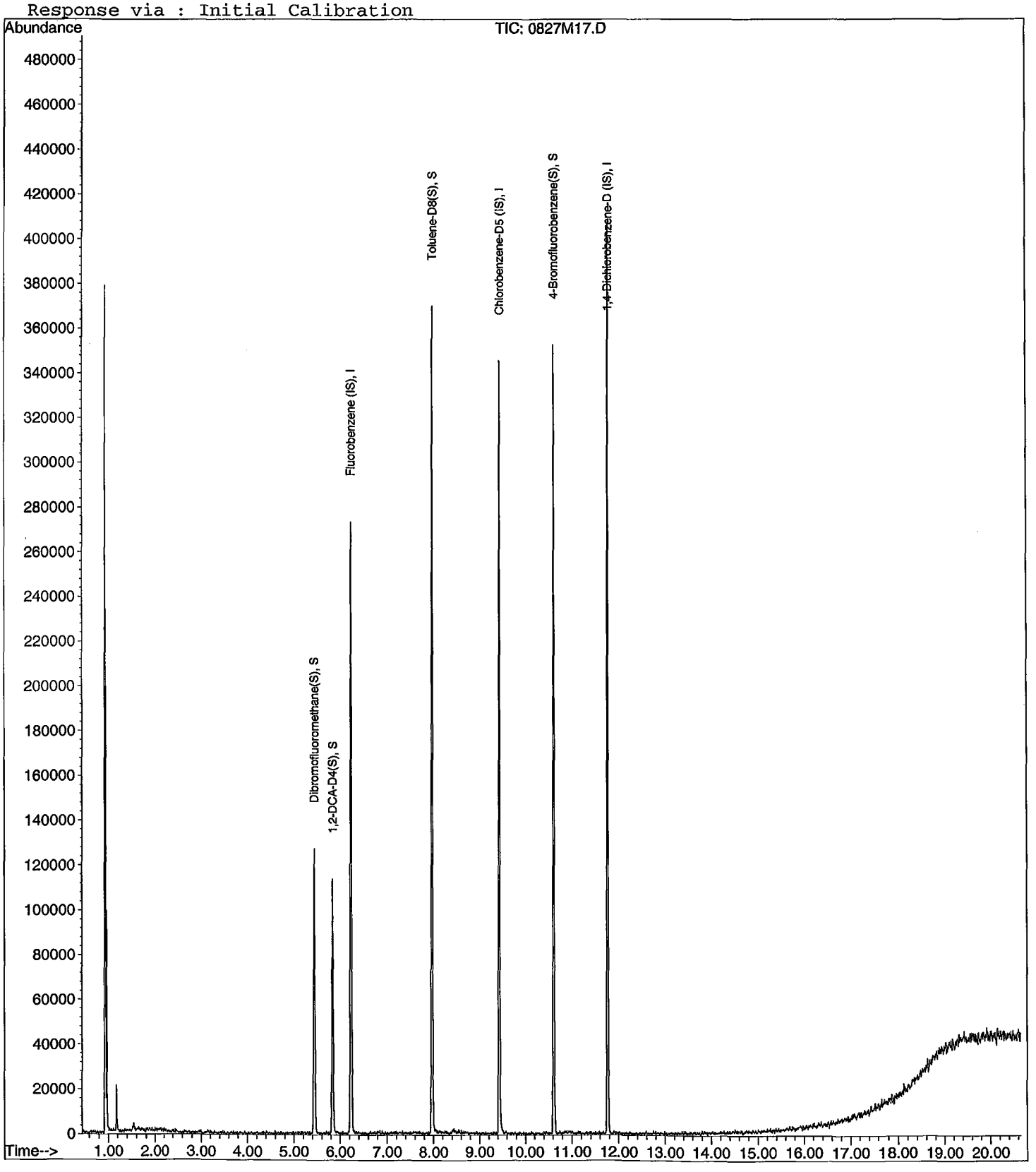
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\210825\0827M17.D Vial: 16
Acq On : 27 Aug 21 16:37 Operator: LP,DG,CH
Sample : BA38282W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 12:40 2021 Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M18.D Vial: 17
Acq On : 27 Aug 21 17:05 Operator: LP,DG,CH
Sample : BA38283W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 12:41 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.24	96	232482	25.00	ppb	0.02
65) Chlorobenzene-D5 (IS)	9.43	117	197405	25.00	ppb	0.02
80) 1,4-Dichlorobenzene-D (IS)	11.76	152	124139	25.00	ppb	0.02
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.44	111	69502	24.79	ppb	0.02
Spiked Amount 25.000			Recovery = 99.156%			
46) 1,2-DCA-D4(S)	5.84	65	48392	26.26	ppb	0.02
Spiked Amount 25.000			Recovery = 105.056%			
66) Toluene-D8(S)	7.97	98	223822	24.18	ppb	0.02
Spiked Amount 25.000			Recovery = 96.716%			
74) 4-Bromofluorobenzene(S)	10.62	95	85911	23.79	ppb	0.02
Spiked Amount 25.000			Recovery = 95.148%			

Target Compounds Qvalue

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

Quantitation Report

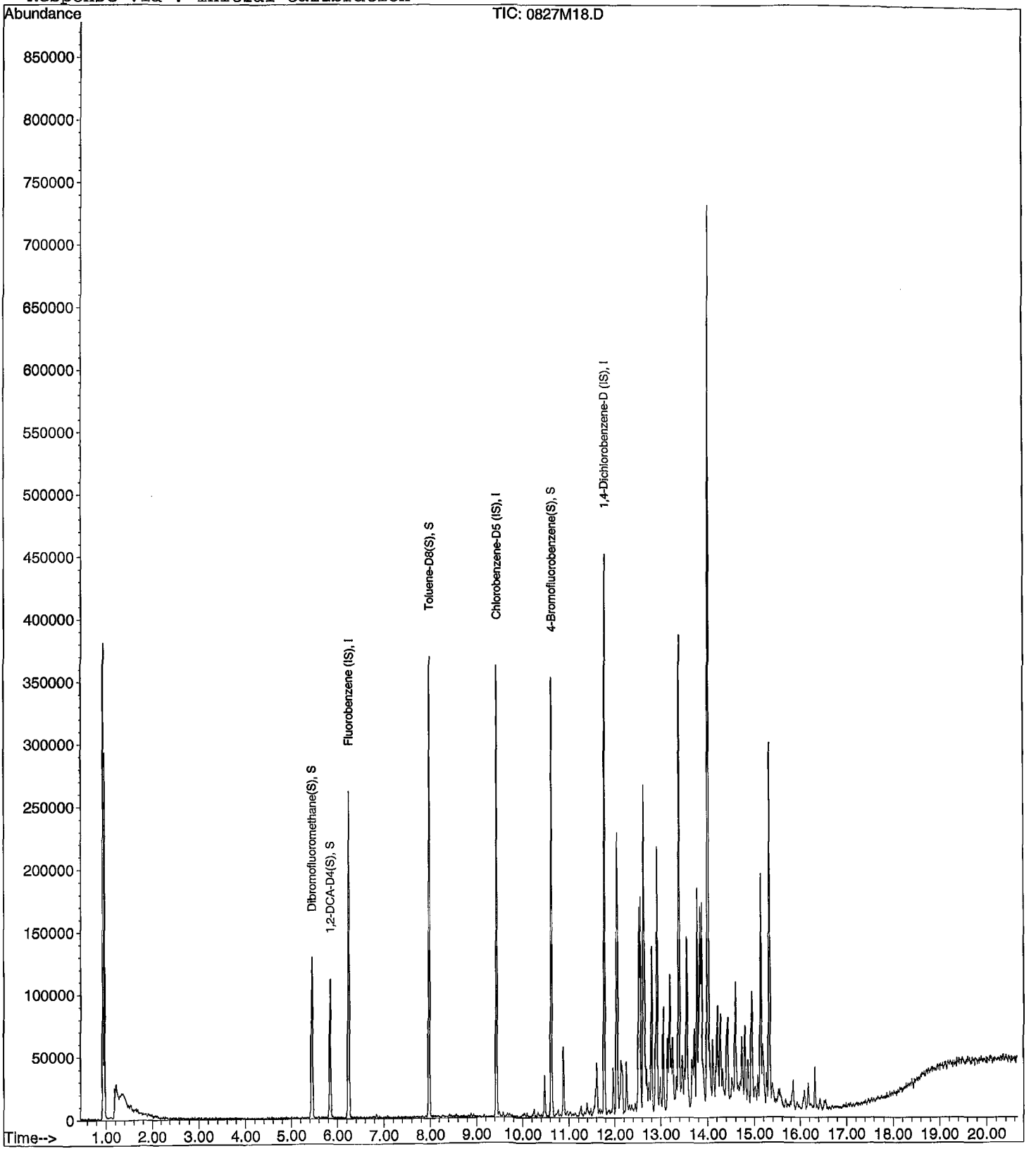
Data File : M:\MAX\DATA\210825\0827M18.D
Acq On : 27 Aug 21 17:05
Sample : BA38283W01
Misc : IS&S 6/4/21

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

Quant Time: Sep 20 12:41 2021

Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M19.D Vial: 18
Acq On : 27 Aug 21 17:33 Operator: LP,DG,CH
Sample : BA38284W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 12:41 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.24	96	235309	25.00	ppb	0.02
65) Chlorobenzene-D5 (IS)	9.43	117	203072	25.00	ppb	0.02
80) 1,4-Dichlorobenzene-D (IS)	11.76	152	129223	25.00	ppb	0.02
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.44	111	72579	25.58	ppb	0.02
Spiked Amount 25.000			Recovery = 102.304%			
46) 1,2-DCA-D4(S)	5.84	65	46976	25.19	ppb	0.02
Spiked Amount 25.000			Recovery = 100.760%			
66) Toluene-D8(S)	7.97	98	226699	23.81	ppb	0.02
Spiked Amount 25.000			Recovery = 95.224%			
74) 4-Bromofluorobenzene(S)	10.62	95	88232	23.75	ppb	0.02
Spiked Amount 25.000			Recovery = 94.992%			

Target Compounds Qvalue

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

Quantitation Report

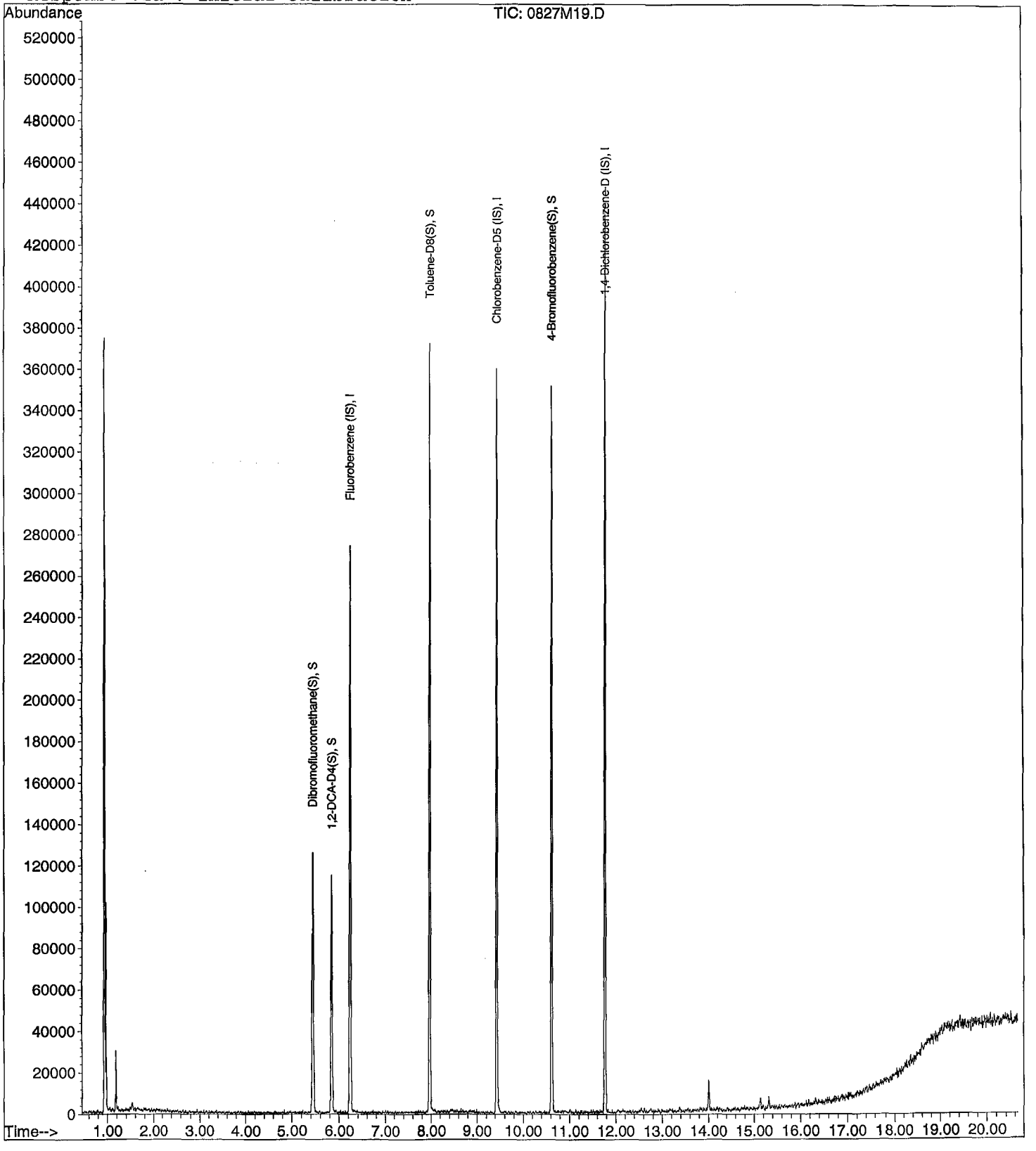
Data File : M:\MAX\DATA\210825\0827M19.D
Acq On : 27 Aug 21 17:33
Sample : BA38284W01
Misc : IS&S 6/4/21

Vial: 18
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Sep 20 12:41 2021

Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M20.D Vial: 19
Acq On : 27 Aug 21 18:01 Operator: LP,DG,CH
Sample : BA38285W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 12:42 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.24	96	229689	25.00	ppb	0.03
65) Chlorobenzene-D5 (IS)	9.43	117	198560	25.00	ppb	0.02
80) 1,4-Dichlorobenzene-D (IS)	11.76	152	126908	25.00	ppb	0.02
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.44	111	71069	25.66	ppb	0.02
Spiked Amount 25.000			Recovery = 102.624%			
46) 1,2-DCA-D4(S)	5.83	65	50656	27.83	ppb	0.02
Spiked Amount 25.000			Recovery = 111.312%			
66) Toluene-D8(S)	7.97	98	220805	23.71	ppb	0.02
Spiked Amount 25.000			Recovery = 94.856%			
74) 4-Bromofluorobenzene(S)	10.62	95	87003	23.95	ppb	0.02
Spiked Amount 25.000			Recovery = 95.800%			
Target Compounds						Qvalue

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

Quantitation Report

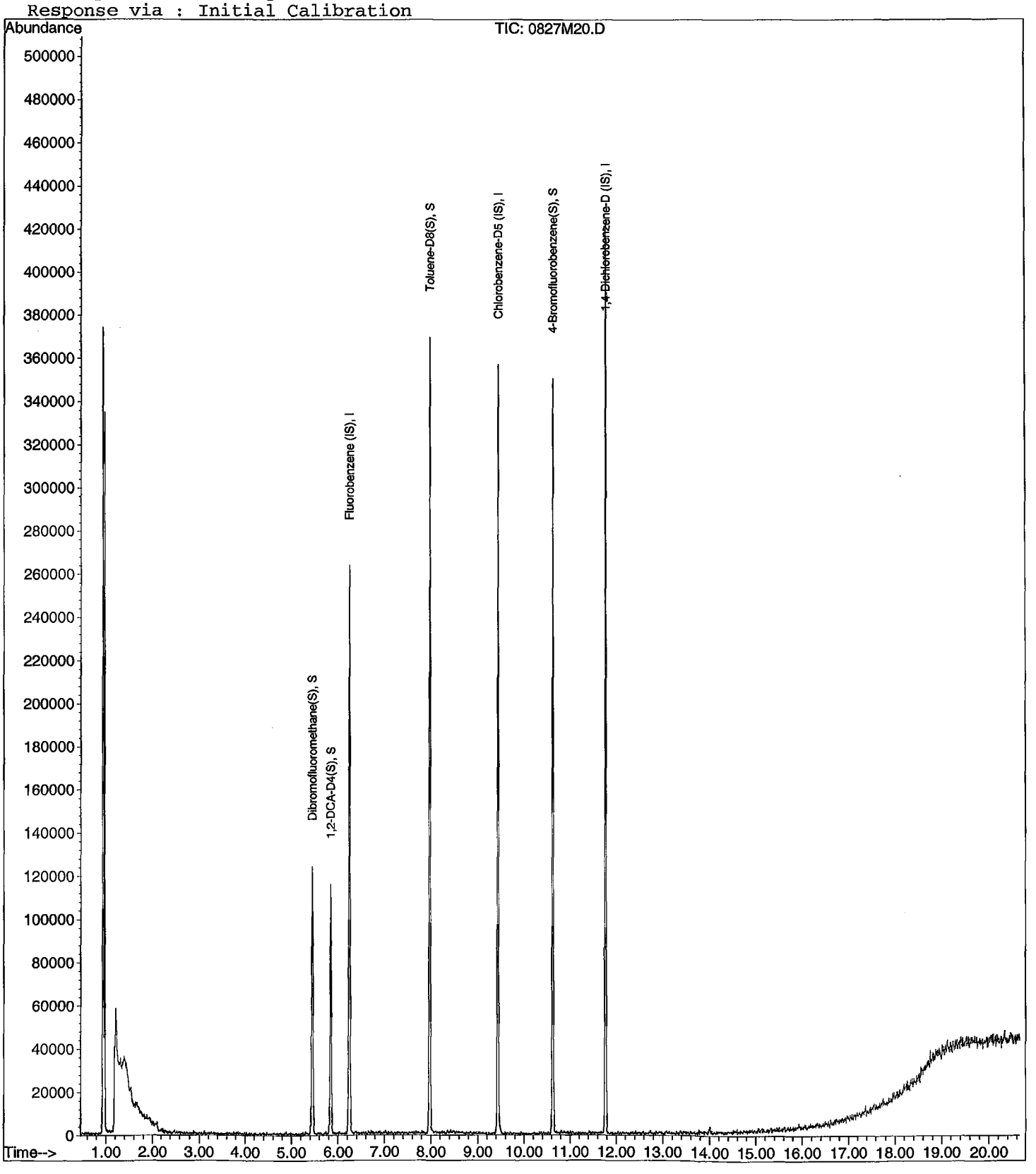
Data File : M:\MAX\DATA\210825\0827M20.D
Acq On : 27 Aug 21 18:01
Sample : BA38285W01
Misc : IS&S 6/4/21

Vial: 19
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Sep 20 12:42 2021

Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M21.D Vial: 20
Acq On : 27 Aug 21 18:29 Operator: LP,DG,CH
Sample : BA38286W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 12:43 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.24	96	233783	25.00 ppb	0.03
65) Chlorobenzene-D5 (IS)	9.43	117	198843	25.00 ppb	0.02
80) 1,4-Dichlorobenzene-D (IS)	11.76	152	125041	25.00 ppb	0.02
System Monitoring Compounds					
41) Dibromofluoromethane(S)	5.44	111	67507	23.94 ppb	0.02
Spiked Amount 25.000			Recovery =	95.776%	
46) 1,2-DCA-D4(S)	5.84	65	44792	24.18 ppb	0.02
Spiked Amount 25.000			Recovery =	96.700%	
66) Toluene-D8(S)	7.97	98	224036	24.03 ppb	0.02
Spiked Amount 25.000			Recovery =	96.108%	
74) 4-Bromofluorobenzene(S)	10.62	95	86609	23.81 ppb	0.02
Spiked Amount 25.000			Recovery =	95.228%	

Target Compounds Qvalue

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

Quantitation Report

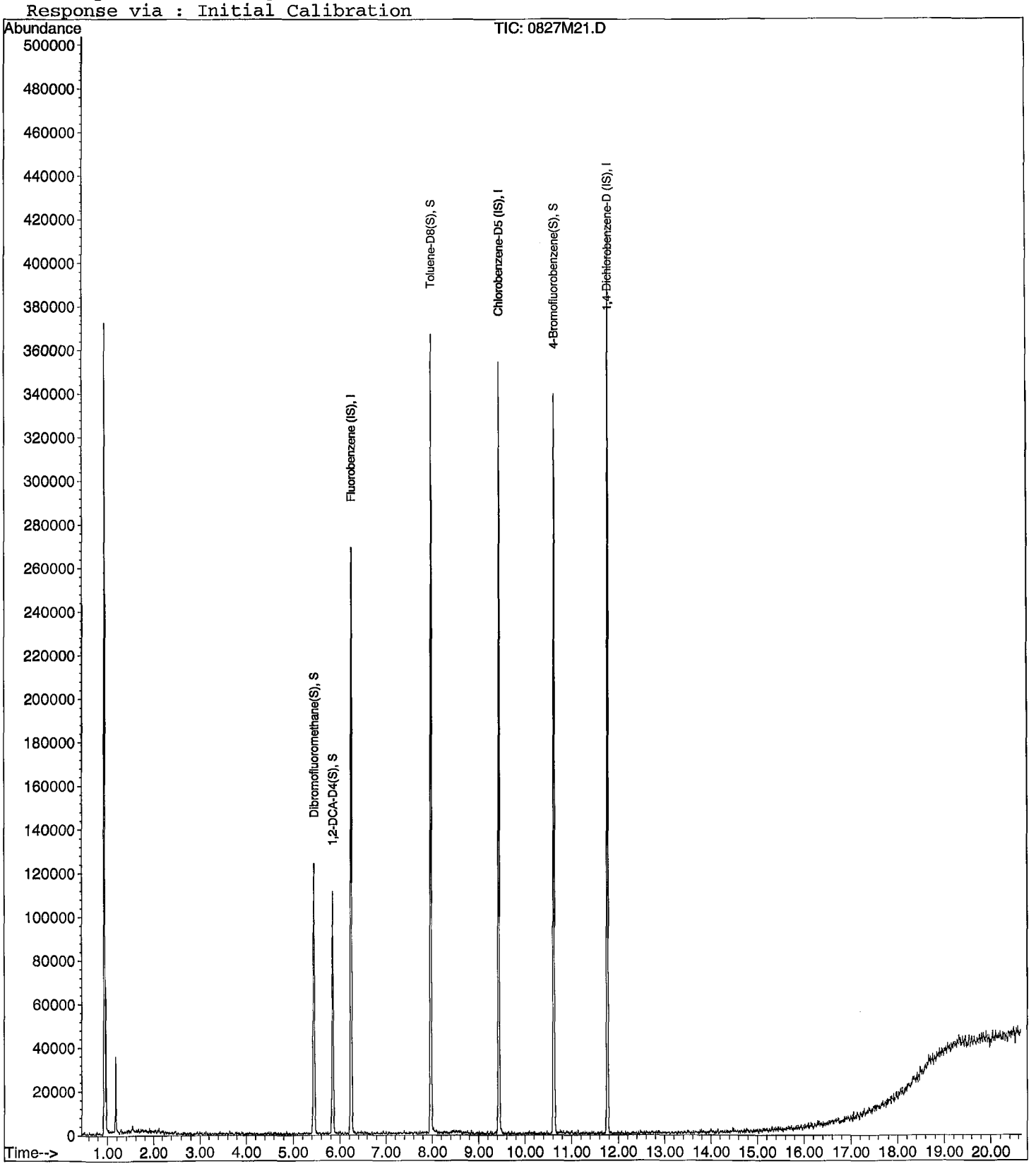
Data File : M:\MAX\DATA\210825\0827M21.D
Acq On : 27 Aug 21 18:29
Sample : BA38286W01
Misc : IS&S 6/4/21

Vial: 20
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Sep 20 12:43 2021

Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M22.D Vial: 21
Acq On : 27 Aug 21 18:57 Operator: LP,DG,CH
Sample : BA38287W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 12:43 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.24	96	223142	25.00	ppb	0.02
65) Chlorobenzene-D5 (IS)	9.43	117	188660	25.00	ppb	0.02
80) 1,4-Dichlorobenzene-D (IS)	11.76	152	117226	25.00	ppb	0.02
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.44	111	68160	25.33	ppb	0.02
Spiked Amount 25.000			Recovery = 101.312%			
46) 1,2-DCA-D4(S)	5.84	65	46304	26.18	ppb	0.02
Spiked Amount 25.000			Recovery = 104.732%			
66) Toluene-D8(S)	7.97	98	212178	23.98	ppb	0.02
Spiked Amount 25.000			Recovery = 95.932%			
74) 4-Bromofluorobenzene(S)	10.62	95	87060	25.22	ppb	0.02
Spiked Amount 25.000			Recovery = 100.892%			

Target Compounds Qvalue

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

Quantitation Report

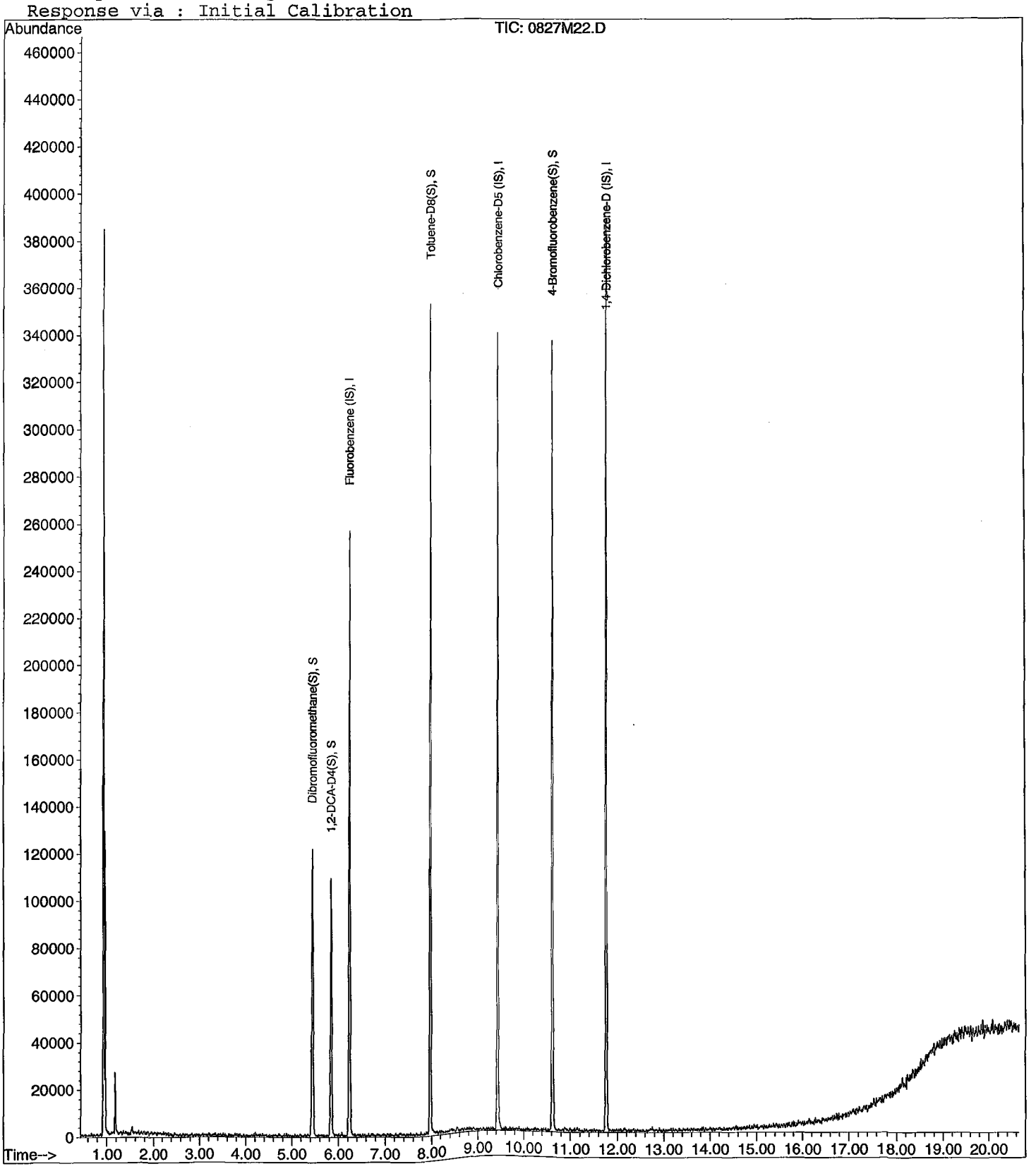
Data File : M:\MAX\DATA\210825\0827M22.D
Acq On : 27 Aug 21 18:57
Sample : BA38287W01
Misc : IS&S 6/4/21

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

Quant Time: Sep 20 12:43 2021

Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M11.D Vial: 10
Acq On : 27 Aug 21 13:42 Operator: LP,DG,CH
Sample : 210827A BLK Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 30 9:06 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.24	96	242071	25.00	ppb	0.02
65) Chlorobenzene-D5 (IS)	9.43	117	197867	25.00	ppb	0.02
80) 1,4-Dichlorobenzene-D (IS)	11.76	152	121157	25.00	ppb	0.02
System Monitoring Compounds						
41) Dibromofluoromethane(S)	5.44	111	71516	24.50	ppb	0.02
Spiked Amount 25.000			Recovery = 97.988%			
46) 1,2-DCA-D4(S)	5.84	65	47672	24.85	ppb	0.02
Spiked Amount 25.000			Recovery = 99.396%			
66) Toluene-D8(S)	7.97	98	231245	24.92	ppb	0.02
Spiked Amount 25.000			Recovery = 99.688%			
74) 4-Bromofluorobenzene(S)	10.61	95	92596	25.58	ppb	0.02
Spiked Amount 25.000			Recovery = 102.316%			

Target Compounds Qvalue

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

Quantitation Report

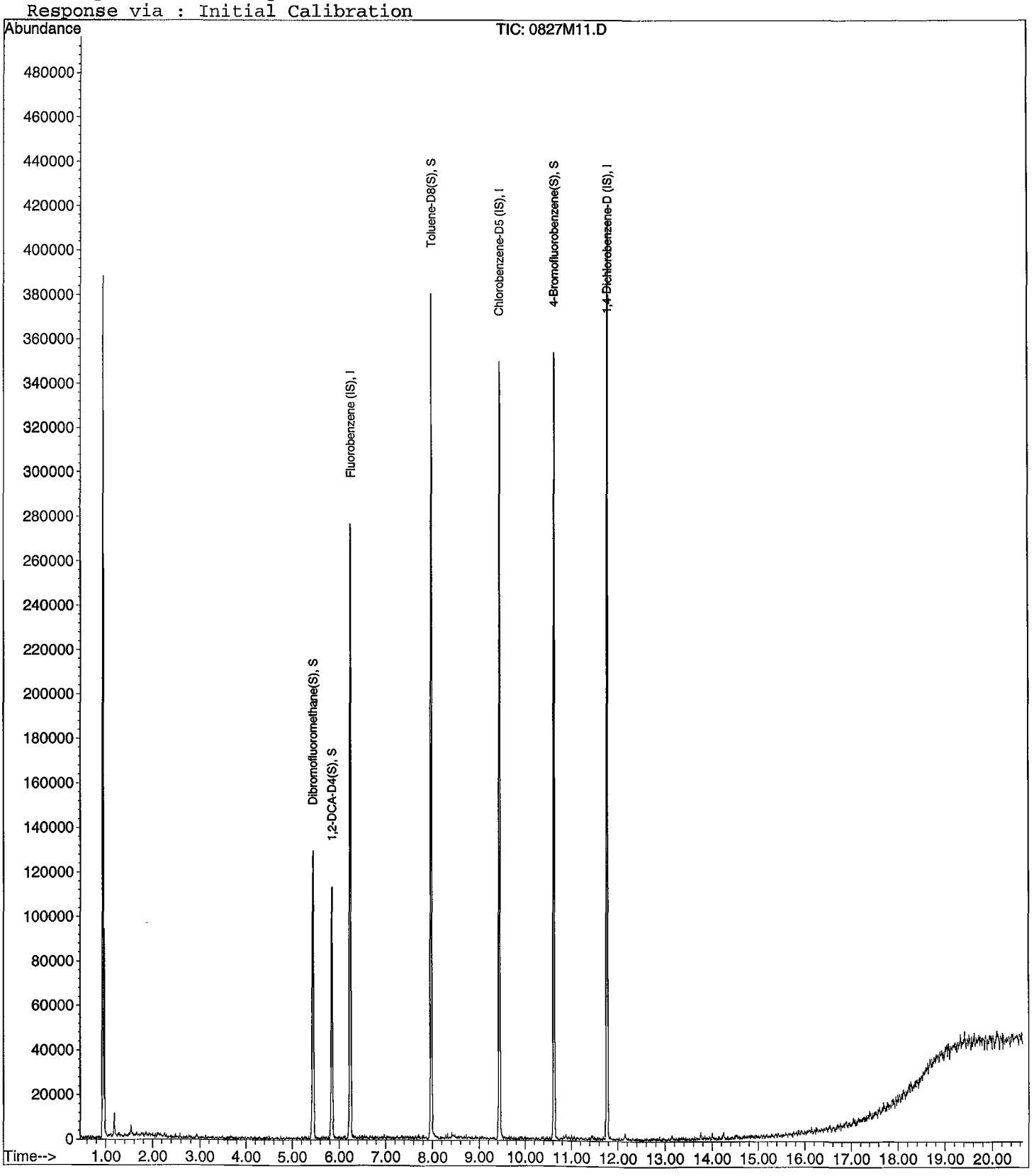
Data File : M:\MAX\DATA\210825\0827M11.D
Acq On : 27 Aug 21 13:42
Sample : 210827A BLK
Misc : IS&S 6/4/21

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

Quant Time: Aug 30 9:06 2021

Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0827M09.D Vial: 8
Acq On : 27 Aug 21 12:44 Operator: LP,DG,CH
Sample : 210827A CCV/LCS 10ug/L Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 27 13:28 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.24	96	237153	25.00	ppb		0.02
65) Chlorobenzene-D5 (IS)	9.43	117	201016	25.00	ppb		0.02
80) 1,4-Dichlorobenzene-D (IS)	11.76	152	127895	25.00	ppb		0.02
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.44	111	71197	24.89	ppb		0.03
Spiked Amount 25.000			Recovery = 99.576%				
46) 1,2-DCA-D4(S)	5.84	65	48904	26.02	ppb		0.02
Spiked Amount 25.000			Recovery = 104.080%				
66) Toluene-D8(S)	7.97	98	231969	24.61	ppb		0.02
Spiked Amount 25.000			Recovery = 98.432%				
74) 4-Bromofluorobenzene(S)	10.61	95	90694	24.66	ppb		0.02
Spiked Amount 25.000			Recovery = 98.644%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.09	85	14997	9.90	ppb	#	89
4) Freon 114	1.19	85	8811	9.48	ppb		97
5) Chloromethane	1.23	50	8573	9.97	ppb		92
6) Vinyl chloride	1.32	62	9949	9.99	ppb		87
8) Bromomethane	1.58	94	6895	8.51	ppb		99
9) Chloroethane	1.67	64	5787	12.02	ppb	#	83
10) Dichlorofluoromethane	1.86	67	20582	11.06	ppb		94
11) Trichlorofluoromethane	1.89	101	27210	10.66	ppb		94
13) Acrolein	2.30	56	12728	101.92	ppb	#	74
14) Acetone	2.47	43	6424	44.95	ppb		85
15) Freon-113	2.40	151	12464	10.92	ppb	#	83
16) Acetonitrile	2.78	41	8996	120.85	ppb		93
18) 1,2-Dichlorotrifluoroethan	2.20	67	10846	10.41	ppb	#	82
19) 1,1-DCE	2.38	61	16130	9.89	ppb		92
20) t-Butanol	3.18	59	10695	110.82	ppb		98
21) Methyl Acetate	2.85	43	5308	10.27	ppb		92
22) Iodomethane	2.53	142	10633	10.79	ppb	#	87
23) Acrylonitrile	3.28	53	2970	10.89	ppb	#	69
25) Methylene chloride	2.94	84	10532	10.25	ppb		94
26) Carbon disulfide	2.58	76	16672	9.97	ppb		97
27) Methyl t-butyl ether (MtBE	3.31	73	36139	10.23	ppb		100
28) Trans-1,2-DCE	3.28	96	11288	9.81	ppb		86
30) Hexane	3.68	56	5465	12.50	ppb		92
31) Diisopropyl Ether	4.08	45	22800	9.99	ppb		97
32) 1,1-DCA	3.89	63	17450	9.49	ppb		96
33) Vinyl Acetate	4.07	43	16375	19.69	ppb		100
34) Ethyl tert Butyl Ether	4.63	59	30183	10.17	ppb		99
36) MEK (2-Butanone)	4.86	43	7483	47.85	ppb	#	84
37) Cis-1,2-DCE	4.78	96	12591	9.95	ppb		93
38) 2,2-Dichloropropane	4.76	77	25373	12.00	ppb	#	89
39) Chloroform	5.24	83	23525	10.19	ppb		90
40) Bromochloromethane	5.09	130	10208	10.59	ppb		93
42) 1,1,1-TCA	5.42	97	28221	11.35	ppb		93
43) Cyclohexane	5.46	41	8363	11.02	ppb		89
44) 1,1-Dichloropropene	5.63	75	15378	10.55	ppb		88
45) 2,2,4-Trimethylpentane	6.01	57	21473	10.43	ppb	#	79
47) Carbon Tetrachloride	5.62	117	25582	11.17	ppb	#	80
48) Tert Amyl Methyl Ether	6.08	73	30017	10.35	ppb	#	93
49) 1,2-DCA	5.93	62	21274	10.19	ppb	#	91
50) Benzene	5.88	78	42632	10.46	ppb		98

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0827M09.D Vial: 8
Acq On : 27 Aug 21 12:44 Operator: LP,DG,CH
Sample : 210827A CCV/LCS 10ug/L Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 27 13:28 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.65	95	13364	10.63	ppb		85
52)	2-Pentanone	6.92	43	57910	113.10	ppb		95
53)	1,2-Dichloropropane	6.90	63	4919	10.11	ppb	#	89
54)	Bromodichloromethane	7.22	83	18607	10.26	ppb		98
55)	Methyl Cyclohexane	6.84	83	16524	10.47	ppb		96
56)	Dibromomethane	7.03	93	7637	10.81	ppb		90
57)	MIBK (methyl isobutyl ket	7.90	43	13379	43.61	ppb		99
58)	1-Bromo-2-chloroethane	7.54	144	2554	10.34	ppb		98
60)	Cis-1,3-Dichloropropene	7.71	39	11049	10.91	ppb		91
61)	Toluene	8.04	91	47104	10.33	ppb		100
62)	Trans-1,3-Dichloropropene	8.30	75	17454	10.76	ppb		99
63)	1,1,2-TCA	8.48	83	6712	9.56	ppb		96
64)	2-Hexanone	8.76	43	8996	44.88	ppb	#	88
67)	1,2-EDB	8.96	107	11157	10.63	ppb		99
68)	Tetrachloroethene	8.59	164	10437	10.46	ppb		86
69)	1-Chlorohexane	9.46	91	13415	10.94	ppb		93
70)	1,1,1,2-Tetrachloroethane	9.55	131	16429	10.26	ppb		93
71)	m&p-Xylene	9.70	106	48129	20.88	ppb		98
72)	o-Xylene	10.10	106	23786	10.44	ppb		95
73)	Styrene	10.11	104	37503	10.40	ppb		97
75)	1,3-Dichloropropane	8.64	76	16480	10.65	ppb		95
76)	Dibromochloromethane	8.86	129	16742	11.15	ppb		94
77)	Chlorobenzene	9.46	112	37001	10.70	ppb		97
78)	Ethylbenzene	9.58	91	55017	10.37	ppb		97
79)	Bromoform	10.28	173	12463	10.43	ppb		87
81)	Isopropylbenzene	10.47	105	61817	10.58	ppb		93
82)	1,1,2,2-Tetrachloroethane	10.78	83	9862	9.98	ppb		95
83)	1,2,3-Trichloropropane	10.81	110	5296	11.72	ppb		98
84)	t-1,4-Dichloro-2-Butene	10.84	53	2965	12.40	ppb		98
85)	Bromobenzene	10.75	156	20412	10.89	ppb		97
86)	n-Propylbenzene	10.88	91	60457	10.24	ppb		93
87)	4-Ethyltoluene	10.99	105	58703	10.57	ppb		91
88)	2-Chlorotoluene	10.95	91	40664	9.82	ppb		97
89)	1,3,5-Trimethylbenzene	11.06	105	53473	11.02	ppb		98
90)	4-Chlorotoluene	11.06	91	47098	10.68	ppb		97
91)	Tert-Butylbenzene	11.38	119	32456	11.00	ppb		95
92)	1,2,4-Trimethylbenzene	11.43	105	55213	11.25	ppb		87
93)	Sec-Butylbenzene	11.60	105	61931	11.28	ppb		94
94)	p-Isopropyltoluene	11.75	119	60453	11.22	ppb		99
95)	Benzyl Chloride	11.93	91	15682	11.10	ppb		99
96)	1,3-DCB	11.78	146	36500	10.92	ppb		98
97)	1,4-DCB	11.69	146	36535	10.58	ppb		96
98)	n-Butylbenzene	12.16	91	36279	10.84	ppb		97
99)	1,2-DCB	12.15	146	35186	10.49	ppb		93
100)	Hexachloroethane	12.40	117	9653	9.99	ppb		86
101)	1,2-Dibromo-3-chloropropan	12.94	157	3576	9.83	ppb	#	70
102)	1,2,4-Trichlorobenzene	13.75	180	21995	9.85	ppb		93
103)	Hexachlorobutadiene	13.94	225	14850	9.61	ppb		97
104)	Naphthalene	14.00	128	14132	8.77	ppb		99
105)	1,2,3-Trichlorobenzene	14.24	180	17225	9.70	ppb		99

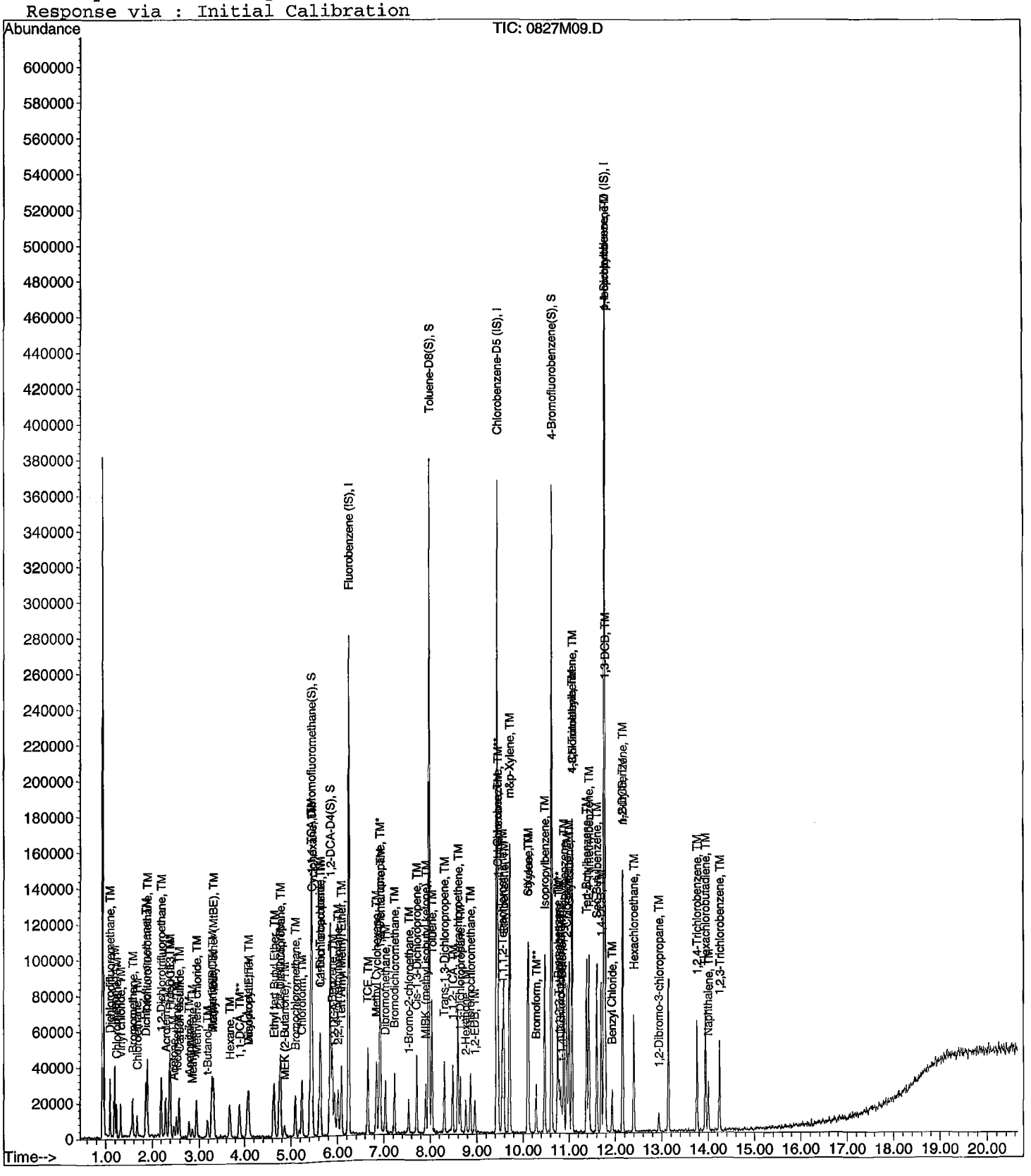
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\210825\0827M09.D Vial: 8
Acq On : 27 Aug 21 12:44 Operator: LP,DG,CH
Sample : 210827A CCV/LCS 10ug/L Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 27 13:28 2021 Quant Results File: M0825W.RES

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0827M10.D Vial: 9
Acq On : 27 Aug 21 13:12 Operator: LP,DG,CH
Sample : 210827A LCSD 10ug/L Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 30 8:44 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.24	96	239854	25.00	ppb		0.02
65) Chlorobenzene-D5 (IS)	9.43	117	206814	25.00	ppb		0.02
80) 1,4-Dichlorobenzene-D (IS)	11.76	152	132390	25.00	ppb		0.02
System Monitoring Compounds							
41) Dibromofluoromethane(S)	5.44	111	72733	25.14	ppb		0.03
Spiked Amount 25.000			Recovery = 100.576%				
46) 1,2-DCA-D4(S)	5.84	65	48952	25.75	ppb		0.02
Spiked Amount 25.000			Recovery = 103.008%				
66) Toluene-D8(S)	7.97	98	224721	23.17	ppb		0.02
Spiked Amount 25.000			Recovery = 92.684%				
74) 4-Bromofluorobenzene(S)	10.61	95	91591	24.21	ppb		0.02
Spiked Amount 25.000			Recovery = 96.824%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	1.09	85	15350	10.02	ppb		99
4) Freon 114	1.19	85	8239	8.74	ppb		86
5) Chloromethane	1.23	50	7372	8.48	ppb		93
6) Vinyl chloride	1.32	62	9113	9.05	ppb		97
8) Bromomethane	1.58	94	6219	7.59	ppb		99
9) Chloroethane	1.67	64	4034	8.29	ppb		91
10) Dichlorofluoromethane	1.86	67	18377	9.77	ppb		90
11) Trichlorofluoromethane	1.89	101	26236	10.16	ppb		91
13) Acrolein	2.31	56	13647	108.05	ppb		100
14) Acetone	2.48	43	6842	47.33	ppb		91
15) Freon-113	2.40	151	10750	9.31	ppb	#	81
16) Acetonitrile	2.79	41	8168	108.49	ppb		97
18) 1,2-Dichlorotrifluoroethan	2.20	67	10071	9.58	ppb		92
19) 1,1-DCE	2.38	61	14685	8.90	ppb		90
20) t-Butanol	3.19	59	10976	112.45	ppb		100
21) Methyl Acetate	2.85	43	4933	9.44	ppb	#	79
22) Iodomethane	2.53	142	10667	10.73	ppb	#	91
23) Acrylonitrile	3.28	53	2676	9.68	ppb	#	72
25) Methylene chloride	2.94	84	10911	10.51	ppb		96
26) Carbon disulfide	2.58	76	13545	8.01	ppb		93
27) Methyl t-butyl ether (MtBE	3.32	73	34689	9.71	ppb	#	92
28) Trans-1,2-DCE	3.27	96	10938	9.40	ppb	#	75
30) Hexane	3.68	56	4383	10.17	ppb	#	74
31) Diisopropyl Ether	4.09	45	21339	9.24	ppb		91
32) 1,1-DCA	3.89	63	17136	9.21	ppb	#	81
33) Vinyl Acetate	4.07	43	14888	17.57	ppb	#	88
34) Ethyl tert Butyl Ether	4.63	59	28669	9.55	ppb		93
36) MEK (2-Butanone)	4.86	43	7051	44.58	ppb		95
37) Cis-1,2-DCE	4.77	96	12324	9.63	ppb		86
38) 2,2-Dichloropropane	4.75	77	21649	10.12	ppb		99
39) Chloroform	5.24	83	23102	9.90	ppb		94
40) Bromochloromethane	5.10	130	9794	10.04	ppb	#	87
42) 1,1,1-TCA	5.42	97	24814	9.87	ppb		90
43) Cyclohexane	5.46	41	6516	8.46	ppb		84
44) 1,1-Dichloropropene	5.64	75	14130	9.58	ppb	#	88
45) 2,2,4-Trimethylpentane	6.00	57	19278	9.26	ppb		91
47) Carbon Tetrachloride	5.62	117	22699	9.80	ppb		83
48) Tert Amyl Methyl Ether	6.08	73	28558	9.74	ppb		99
49) 1,2-DCA	5.93	62	20554	9.74	ppb		99
50) Benzene	5.88	78	39927	9.69	ppb		97

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

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0827M10.D Vial: 9
Acq On : 27 Aug 21 13:12 Operator: LP,DG,CH
Sample : 210827A LCSD 10ug/L Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 30 8:44 2021 Quant Results File: M0825W.RES

Quant Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
51)	TCE	6.66	95	11858	9.33	ppb		93
52)	2-Pentanone	6.92	43	60485	116.80	ppb		98
53)	1,2-Dichloropropane	6.90	63	4469	9.05	ppb	#	81
54)	Bromodichloromethane	7.22	83	16967	9.25	ppb		95
55)	Methyl Cyclohexane	6.84	83	14487	9.08	ppb		96
56)	Dibromomethane	7.03	93	7074	9.90	ppb		93
57)	MIBK (methyl isobutyl ket	7.90	43	15946	51.39	ppb		94
58)	1-Bromo-2-chloroethane	7.53	144	2412	9.65	ppb	#	74
60)	Cis-1,3-Dichloropropene	7.71	39	10103	9.86	ppb	#	82
61)	Toluene	8.04	91	46715	10.13	ppb		89
62)	Trans-1,3-Dichloropropene	8.30	75	17973	10.96	ppb		91
63)	1,1,2-TCA	8.48	83	7675	10.84	ppb		91
64)	2-Hexanone	8.76	43	9446	46.60	ppb		96
67)	1,2-EDB	8.96	107	10672	9.89	ppb		92
68)	Tetrachloroethene	8.59	164	10202	9.94	ppb		88
69)	1-Chlorohexane	9.46	91	11039	8.75	ppb		94
70)	1,1,1,2-Tetrachloroethane	9.55	131	15944	9.68	ppb		97
71)	m&p-Xylene	9.70	106	45509	19.19	ppb		92
72)	o-Xylene	10.10	106	22662	9.67	ppb		88
73)	Styrene	10.11	104	36000	9.70	ppb		96
75)	1,3-Dichloropropane	8.64	76	16435	10.33	ppb		94
76)	Dibromochloromethane	8.86	129	14356	9.29	ppb	#	74
77)	Chlorobenzene	9.46	112	36169	10.17	ppb		98
78)	Ethylbenzene	9.58	91	54968	10.07	ppb		97
79)	Bromoform	10.28	173	12382	10.07	ppb		86
81)	Isopropylbenzene	10.47	105	59760	9.88	ppb		100
82)	1,1,2,2-Tetrachloroethane	10.78	83	10143	9.92	ppb	#	91
83)	1,2,3-Trichloropropane	10.81	110	5050	10.80	ppb		94
84)	t-1,4-Dichloro-2-Butene	10.84	53	3068	12.39	ppb		93
85)	Bromobenzene	10.75	156	20166	10.39	ppb		97
86)	n-Propylbenzene	10.88	91	61231	10.02	ppb		98
87)	4-Ethyltoluene	10.99	105	57581	10.02	ppb		92
88)	2-Chlorotoluene	10.95	91	38526	8.95	ppb		94
89)	1,3,5-Trimethylbenzene	11.06	105	51679	10.29	ppb		99
90)	4-Chlorotoluene	11.06	91	45198	9.90	ppb		95
91)	Tert-Butylbenzene	11.38	119	30664	10.04	ppb		94
92)	1,2,4-Trimethylbenzene	11.43	105	50207	9.89	ppb		88
93)	Sec-Butylbenzene	11.60	105	58607	10.31	ppb		97
94)	p-Isopropyltoluene	11.75	119	56881	10.20	ppb		98
95)	Benzyl Chloride	11.93	91	16593	11.30	ppb		96
96)	1,3-DCB	11.78	146	35553	10.28	ppb		91
97)	1,4-DCB	11.69	146	35786	10.02	ppb		92
98)	n-Butylbenzene	12.16	91	36757	10.61	ppb		94
99)	1,2-DCB	12.15	146	35803	10.31	ppb		98
100)	Hexachloroethane	12.40	117	9769	9.77	ppb		95
101)	1,2-Dibromo-3-chloropropan	12.93	157	3043	8.39	ppb	#	54
102)	1,2,4-Trichlorobenzene	13.75	180	20041	9.00	ppb		96
103)	Hexachlorobutadiene	13.94	225	14743	9.27	ppb		86
104)	Naphthalene	14.00	128	15947	9.22	ppb		97
105)	1,2,3-Trichlorobenzene	14.24	180	17800	9.69	ppb		93

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

Quantitation Report

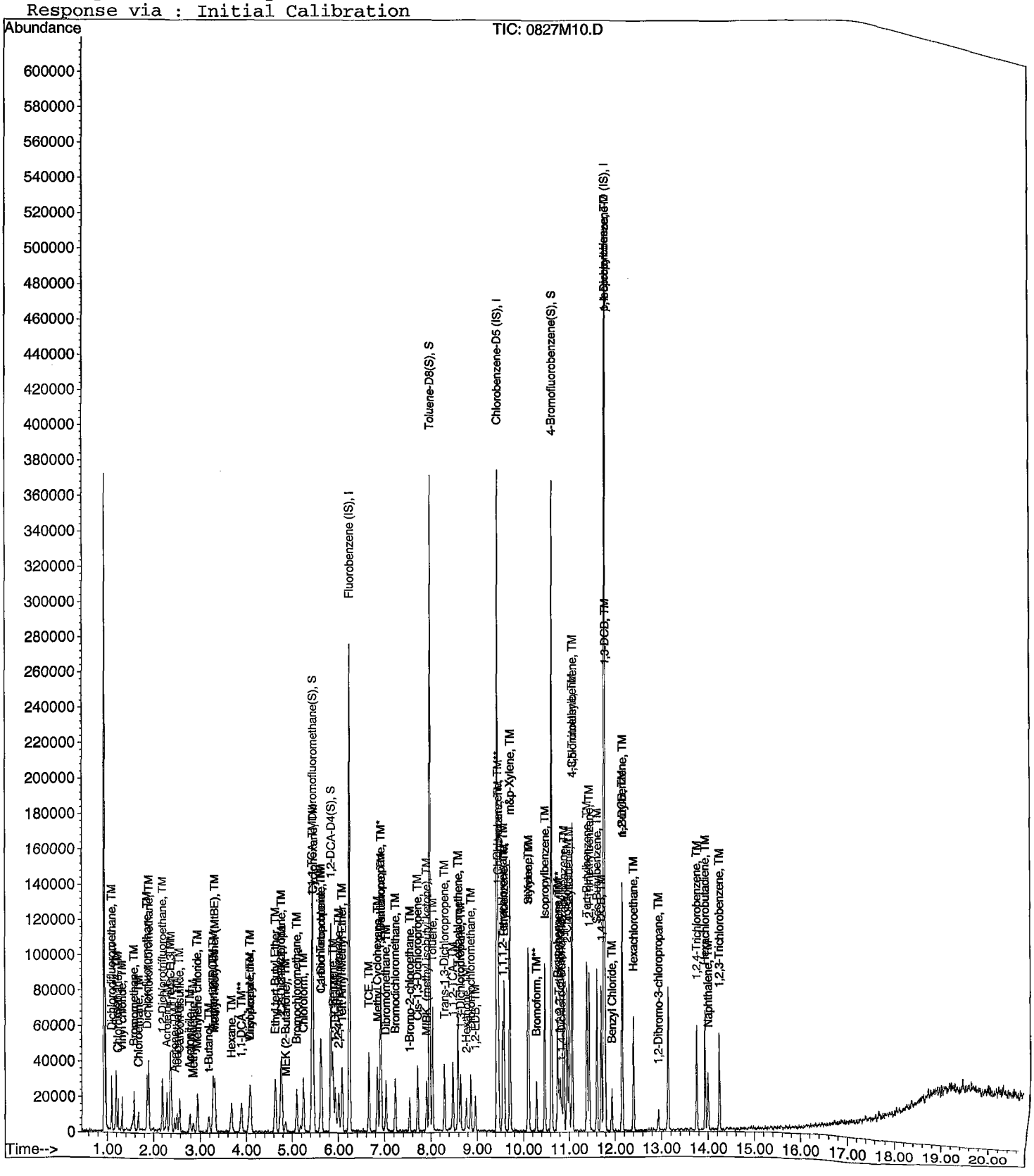
Data File : M:\MAX\DATA\210825\0827M10.D
Acq On : 27 Aug 21 13:12
Sample : 210827A LCSD 10ug/L
Misc : IS&S 6/4/21

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

Quant Time: Aug 30 8:44 2021

Quant Results File: M0825W.RES

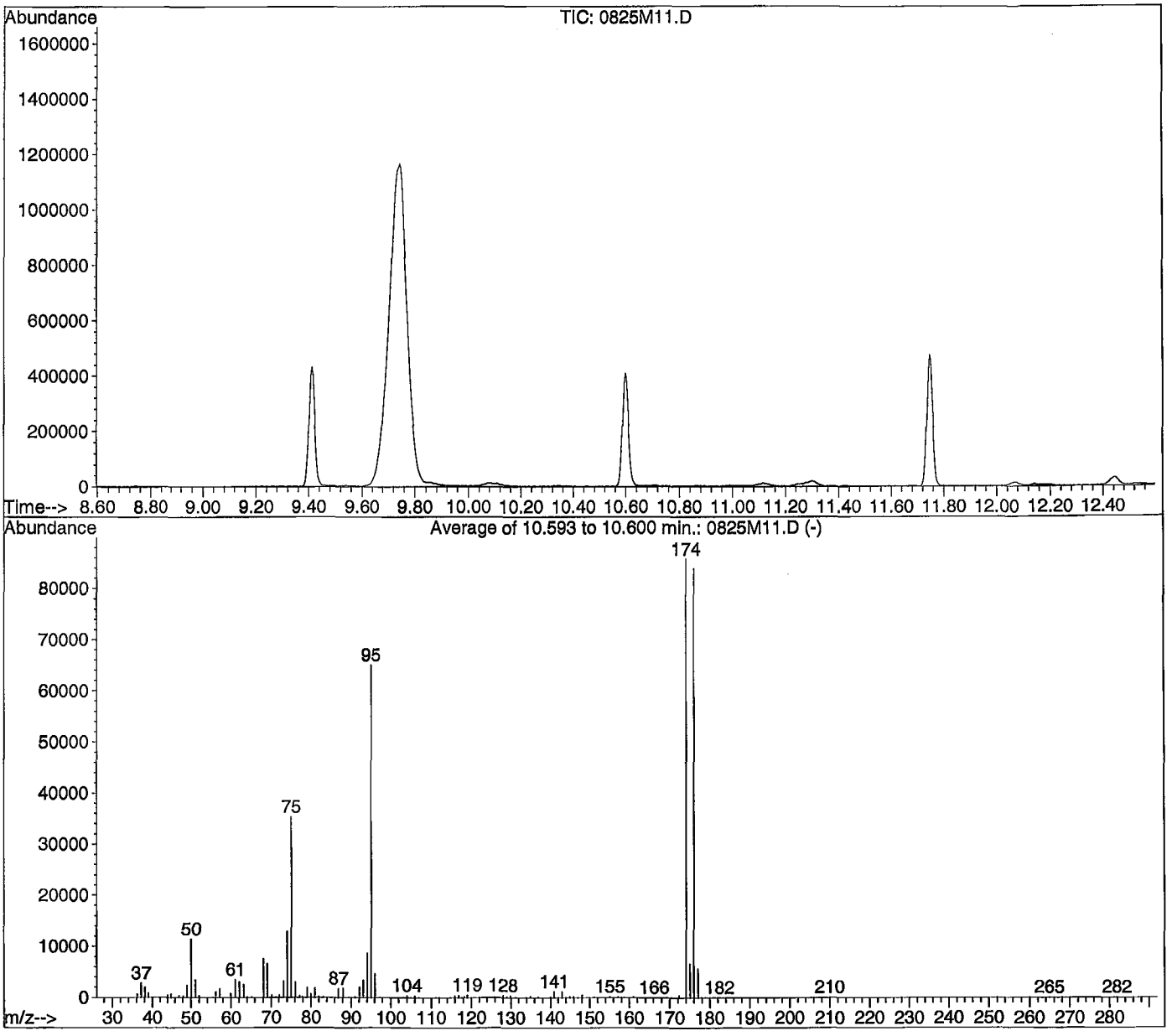
Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Fri Aug 27 12:39:17 2021
Response via : Initial Calibration



Data File : M:\MAX\DATA\210825\0825M11.D
Acq On : 25 Aug 21 14:47
Sample : 25ug/L BFB STD 7/13/21
Misc : IS&S 6/4/21

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

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B



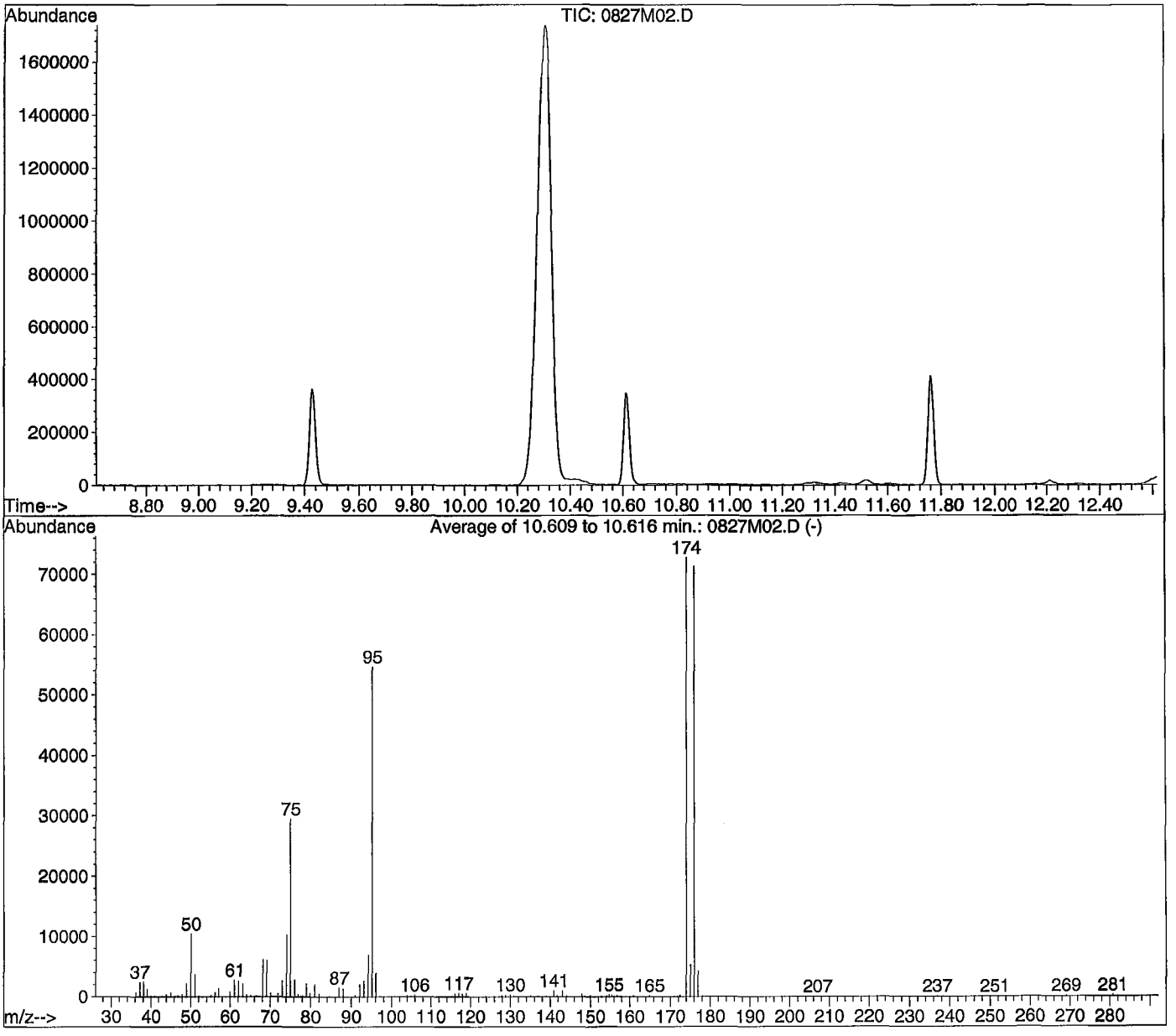
Spectrum Information: Average of 10.593 to 10.600 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.5	11390	PASS
75	95	30	60	54.3	35301	PASS
95	95	100	200	100.0	65035	PASS
96	95	5	9	7.2	4696	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	200	131.6	85605	PASS
175	174	5	9	7.7	6609	PASS
176	174	95	101	97.9	83795	PASS
177	176	5	9	6.8	5701	PASS

Data File : M:\MAX\DATA\210825\0827M02.D
Acq On : 27 Aug 21 9:28
Sample : blk
Misc : IS&S 6/4/21

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

Method : M:\MAX\DATA\210825\M0825W.M (RTE Integrator)
Title : METHOD 8260B



Spectrum Information: Average of 10.609 to 10.616 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.0	10371	PASS
75	95	30	60	54.0	29462	PASS
95	95	100	200	100.0	54565	PASS
96	95	5	9	7.2	3915	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	200	133.1	72621	PASS
175	174	5	9	7.3	5304	PASS
176	174	95	101	98.0	71197	PASS
177	176	5	9	5.9	4191	PASS

MAX 8260 Standard Prep

MAX 8260 Water Calibration Curve

Prepared By (Initials): CH

0.3ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

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

0.5ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

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

1.0ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

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

2.0ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

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

5ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

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

10ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

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

20ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

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

40ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

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

100ug/L

Prepared: 8/25/2021

Expires: 9/8/2021

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

MAX 8260 Water Second Source (SS)

Prepared: 8/25/2021

Prepared By (Initials): CH

Expires: 9/8/2021

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

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

Prepared: 8/25/2021

Prepared By (Initials): CH

Expires: 8/26/2021

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

Injection Log

Directory: M:\MAX\DATA\210825\

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	0825M11.D	1	25ug/L BFB STD 7/13/21	IS&S 6/4/21	25 Aug 21 14:47
2	2	0825M12.D	1	0.3ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 15:15
3	3	0825M13.D	1	0.5ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 15:43
4	4	0825M14.D	1	1ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 16:11
5	5	0825M15.D	1	2ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 16:39
6	6	0825M16.D	1	5ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 17:07
7	7	0825M17.D	1	10ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 17:35
8	8	0825M18.D	1	20ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 18:03
9	9	0825M19.D	1	40ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 18:31
10	10	0825M20.D	1	100ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 18:59
11	12	0825M22.D	1	(SS) 10ug/L VOC STD 8/25/21	IS&S 6/4/21	25 Aug 21 19:55
12	7	0827M08.D	1	210827A CCV 10ug/L	IS&S 6/4/21	27 Aug 21 12:16
13	8	0827M09.D	1	210827A CCV/LCS 10ug/L	IS&S 6/4/21	27 Aug 21 12:44
14	9	0827M10.D	1	210827A LCSD 10ug/L	IS&S 6/4/21	27 Aug 21 13:12
15	10	0827M11.D	1	210827A BLK	IS&S 6/4/21	27 Aug 21 13:42
16	14	0827M15.D	1	BA38280W01	IS&S 6/4/21	27 Aug 21 15:42
17	15	0827M16.D	1	BA38281W01	IS&S 6/4/21	27 Aug 21 16:10
18	16	0827M17.D	1	BA38282W01	IS&S 6/4/21	27 Aug 21 16:37
19	17	0827M18.D	1	BA38283W01	IS&S 6/4/21	27 Aug 21 17:05
20	18	0827M19.D	1	BA38284W01	IS&S 6/4/21	27 Aug 21 17:33
21	19	0827M20.D	1	BA38285W01	IS&S 6/4/21	27 Aug 21 18:01
22	20	0827M21.D	1	BA38286W01	IS&S 6/4/21	27 Aug 21 18:29
23	21	0827M22.D	1	BA38287W01	IS&S 6/4/21	27 Aug 21 18:57
24	32	0827M33.D	1	Ending CCV 10ug/L 8/26/21	IS&S 6/4/21	28 Aug 21 00:04

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:

		Compound	1	2	3	4	5	6	7				Avg	%RSD	Type	r^2	Q	MRF
			0825M23.D	0825M24.D	0825M25.D	0825M26.D	0825M27.D	0825M28.D	0825M29.D									
1	I	Fluorobenzene (IS)																
2	TMHBL	Gasoline C6-C10	13.8	5.689	3.019	1.290	0.8206	0.7117	0.6349				3.7	130	TMHB	0.999		
3	TMHB	Chlorobenzene-D5 (IS)																
4	TMHB	1,4-Dichlorobenzene (IS)																
5																		
6																		
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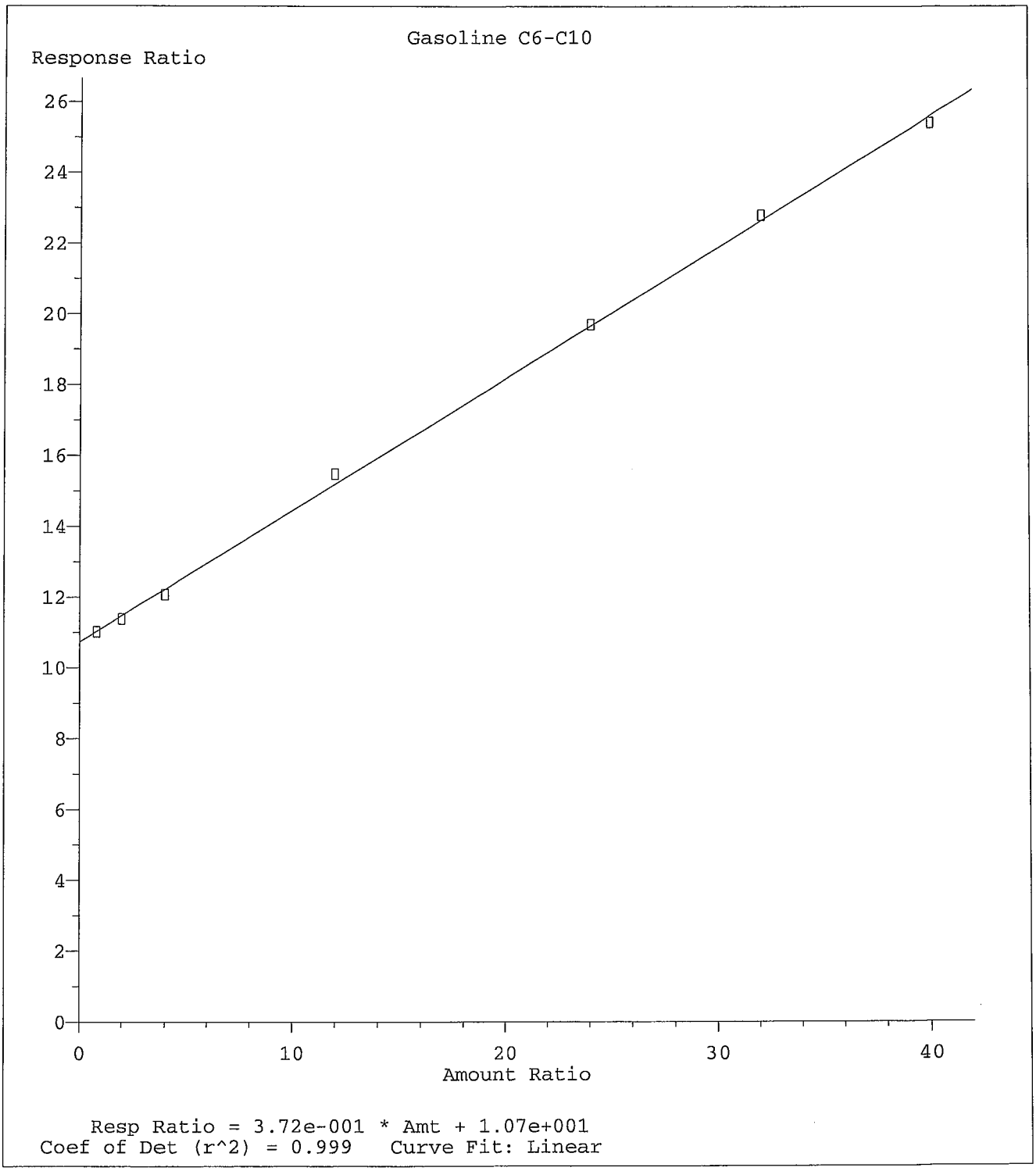


Method Name: M:\MAX\DATA\210825\MGAS0825.M
Calibration Table Last Updated: Thu Aug 26 16:19:36 2021

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

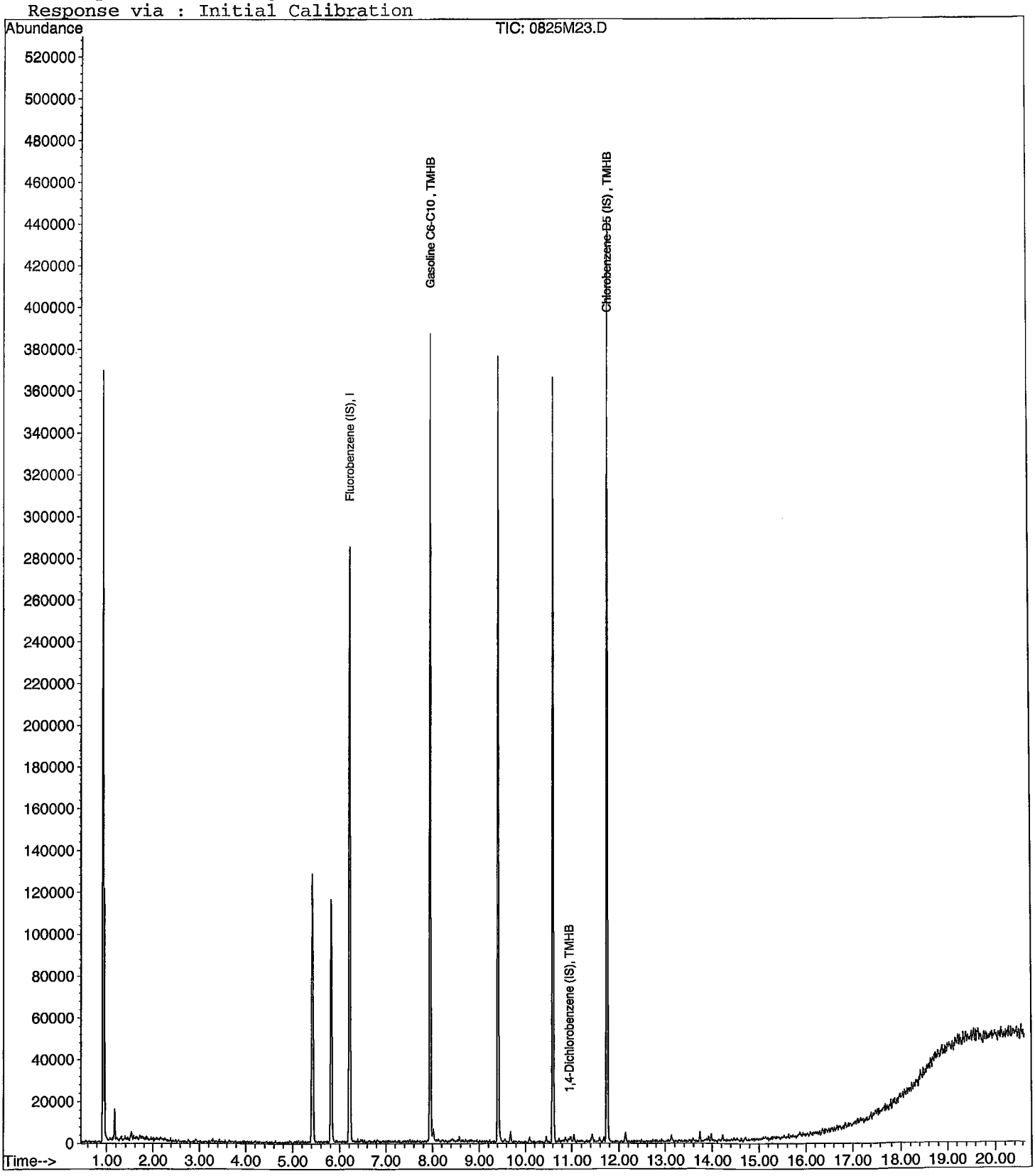
Quantitation Report

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 Vial: 14
Acq On : 25 Aug 21 20:51 Operator: LP,DG,CH
Sample : 50ug/L GAS STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

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

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:13:10 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.21	TIC	285081	25.00	ppb	0.00
3) Chlorobenzene-D5 (IS)	11.75	TIC	248593m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	21251m	25.00	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	7.95	TIC	3243874m	61.97	ppb	100

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

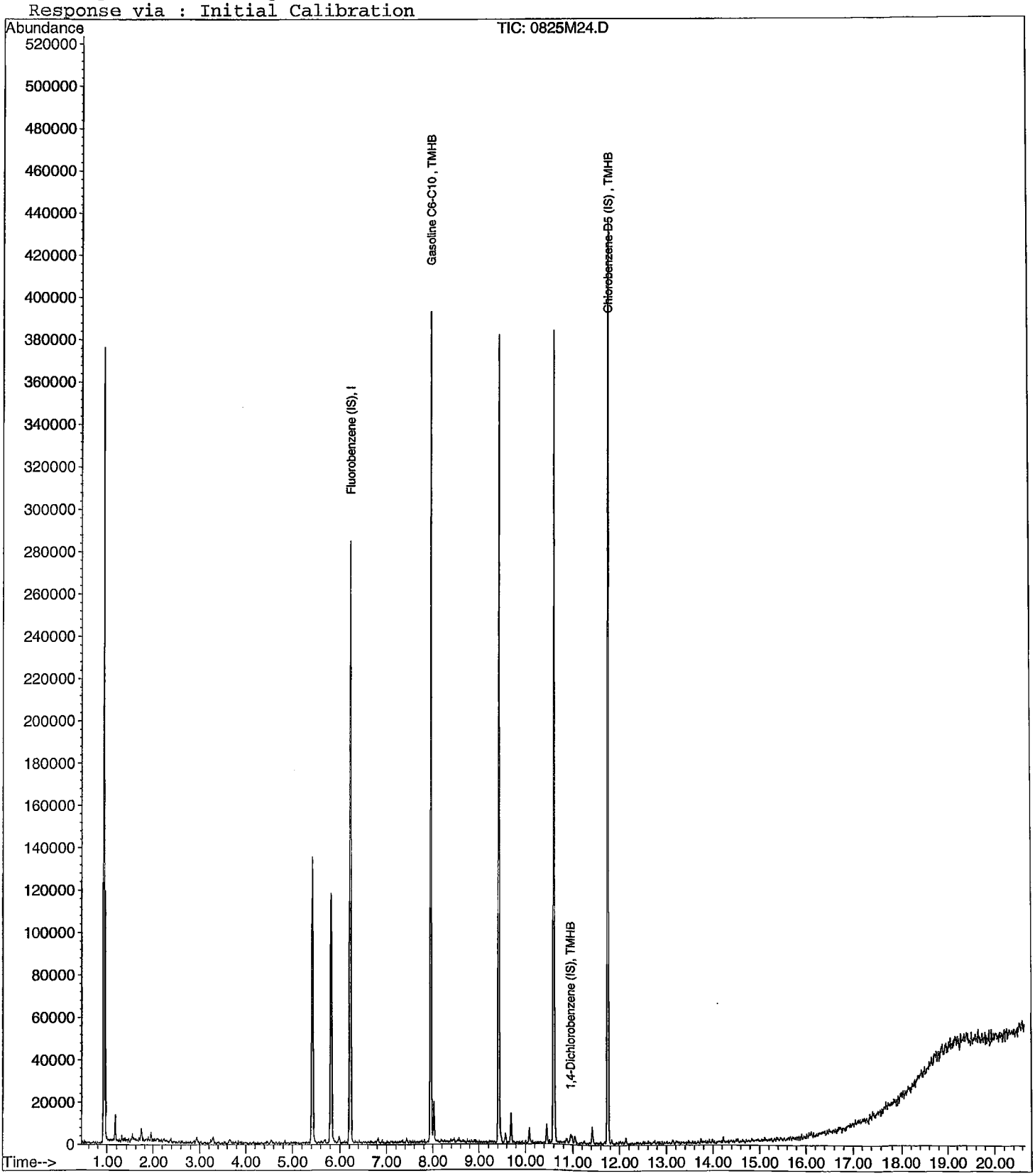
Quantitation Report

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

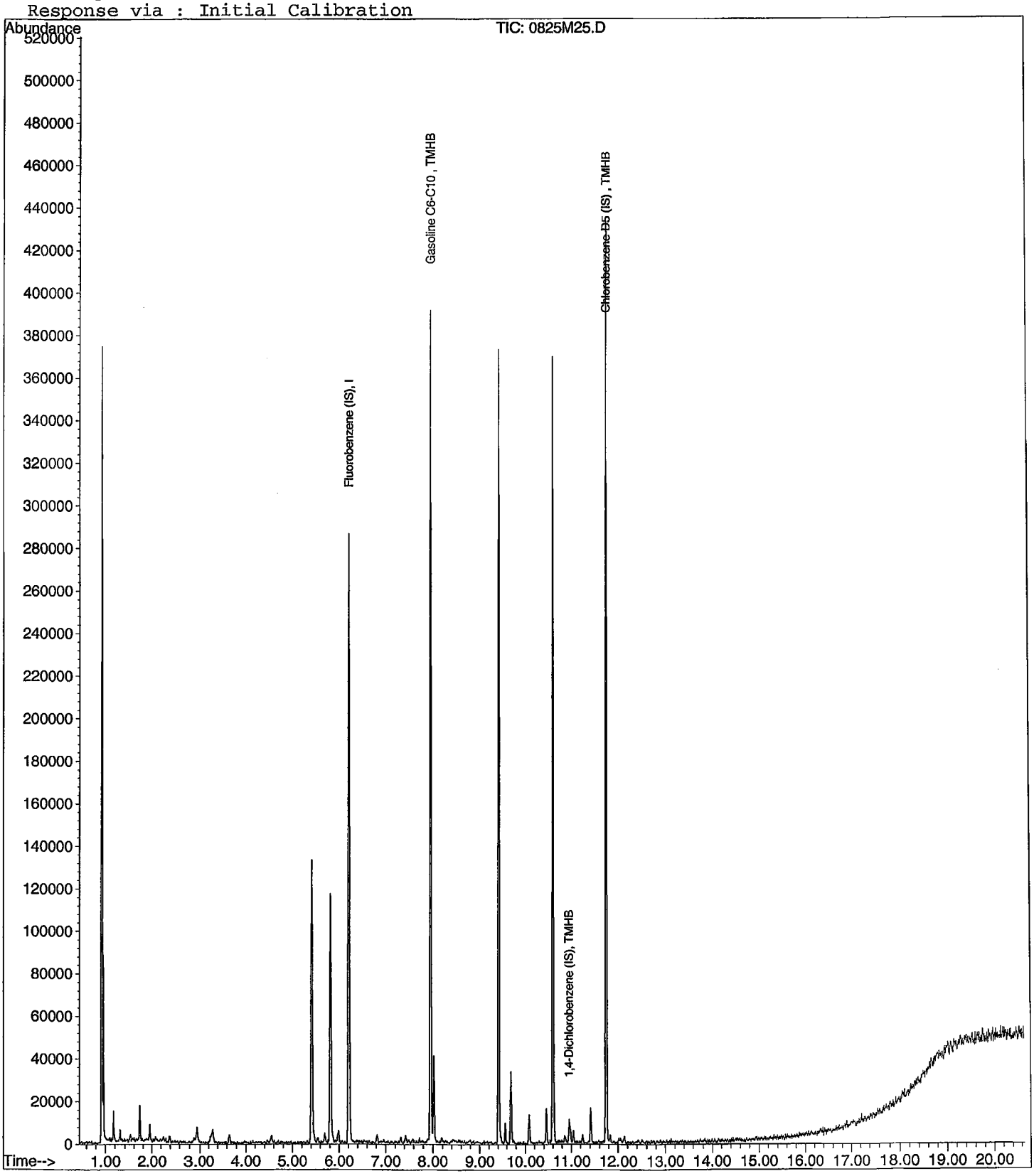
Quantitation Report

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

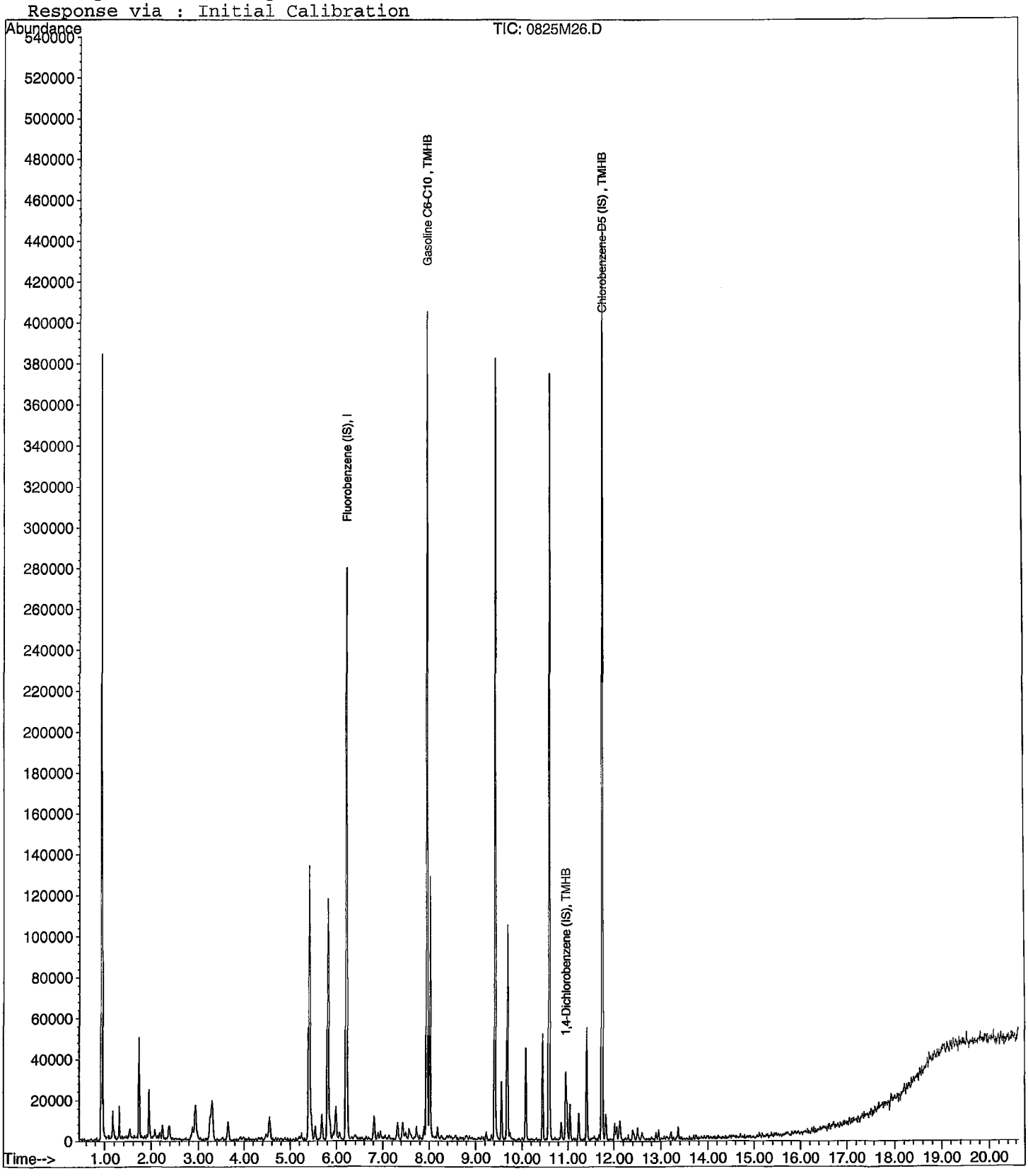
Quantitation Report

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

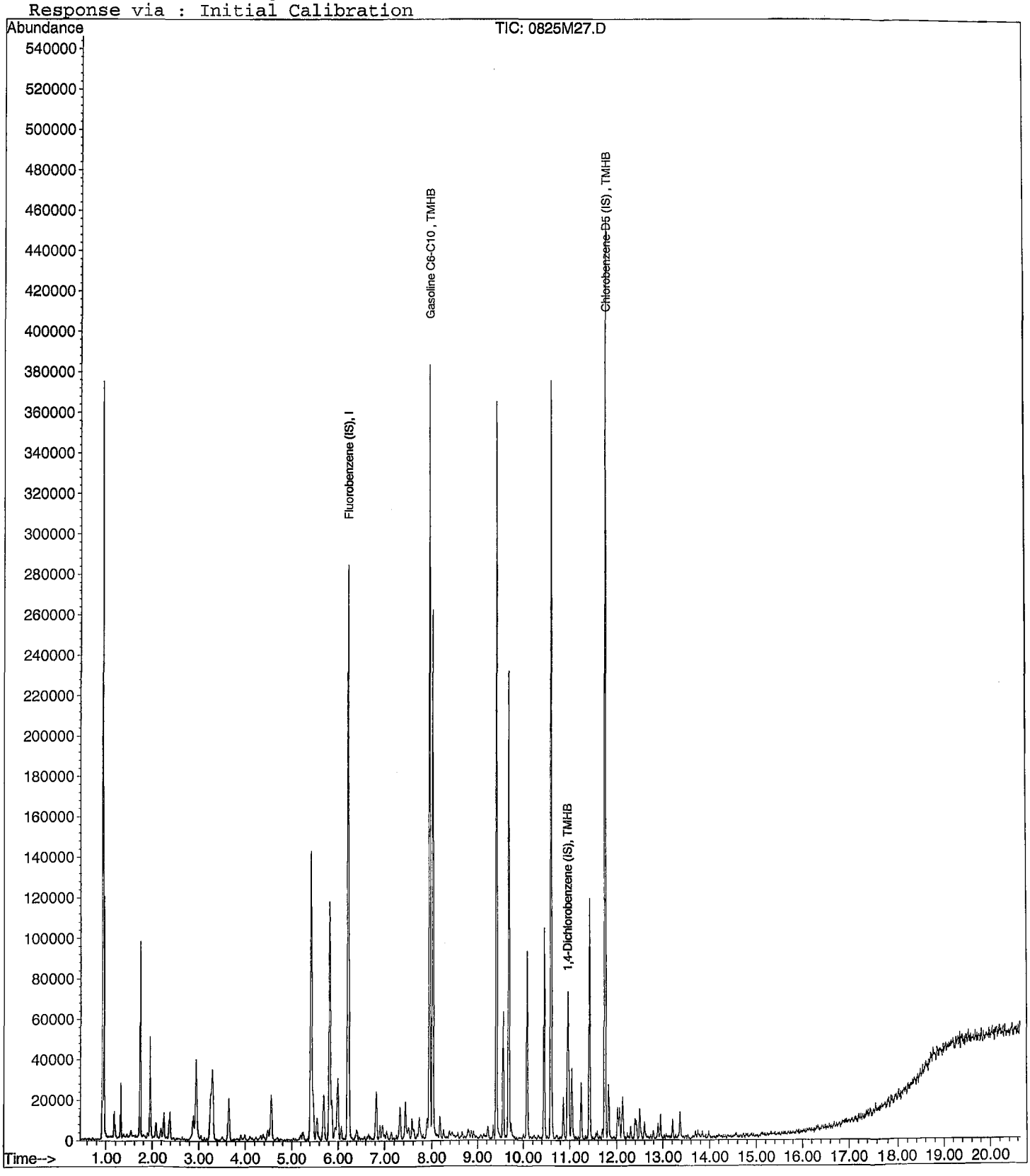
Quantitation Report

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 Vial: 18
Acq On : 25 Aug 21 22:42 Operator: LP,DG,CH
Sample : 800ug/L GAS STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: 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

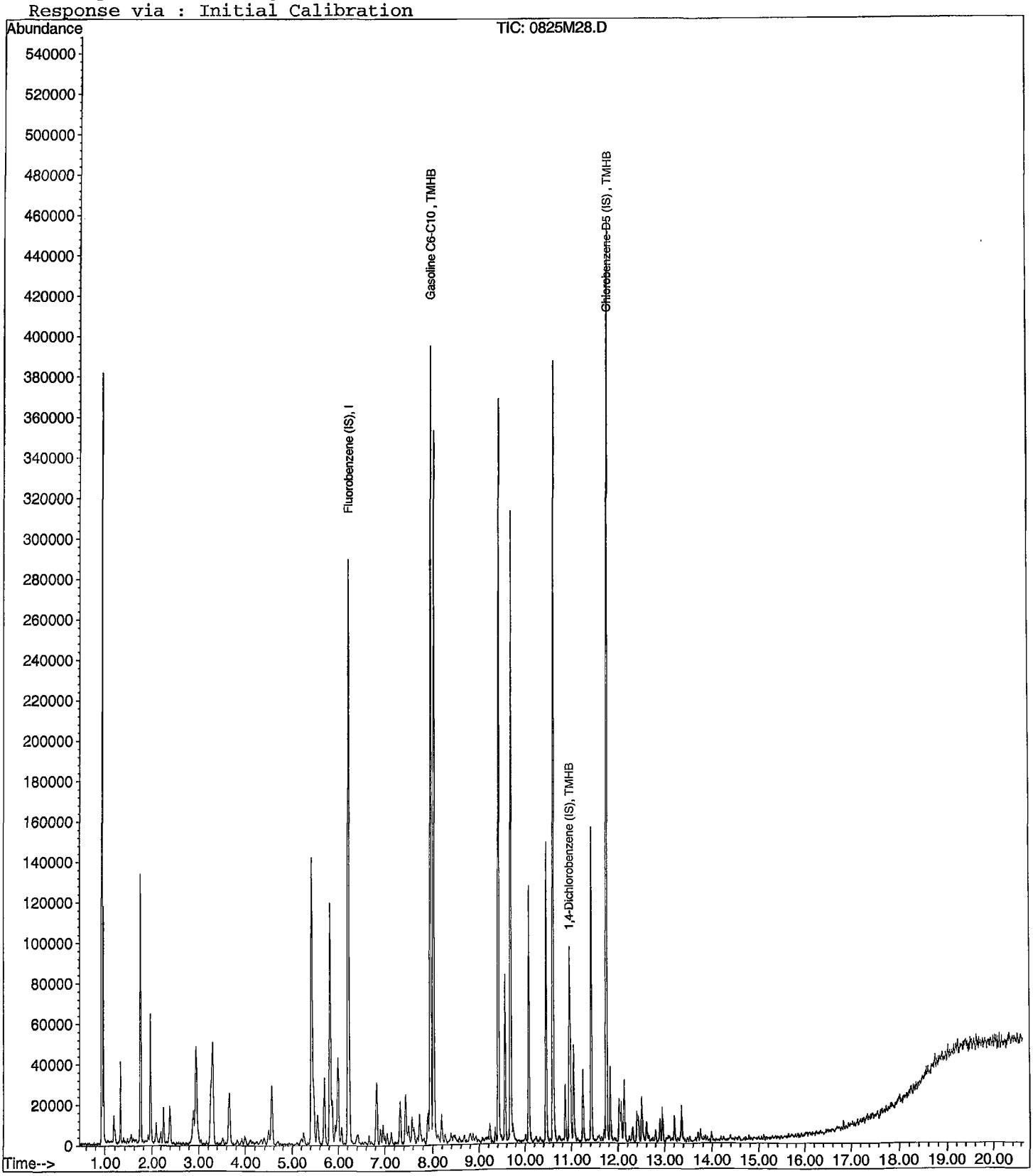
Quantitation Report

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

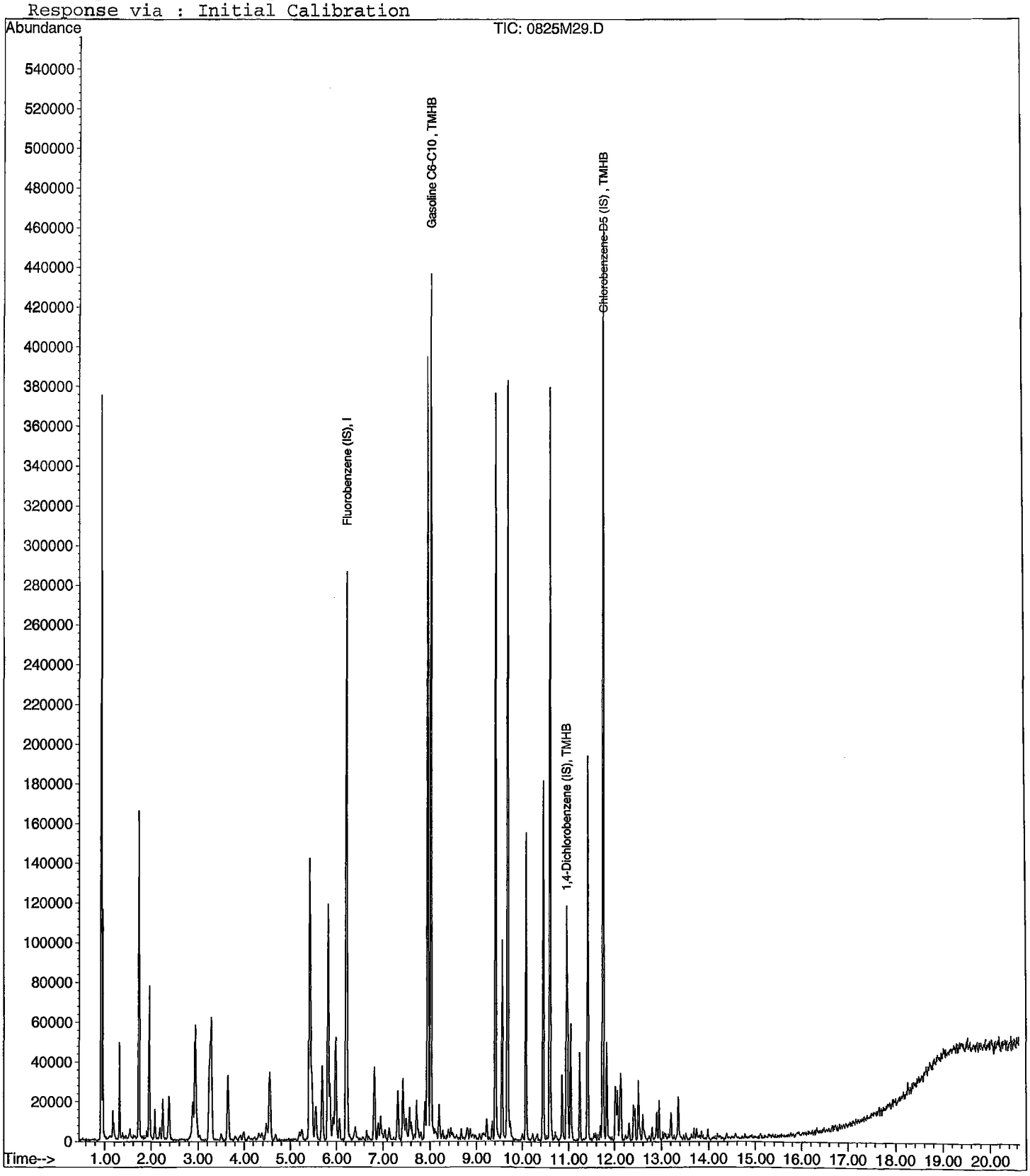
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\210825\0825M29.D 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

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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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

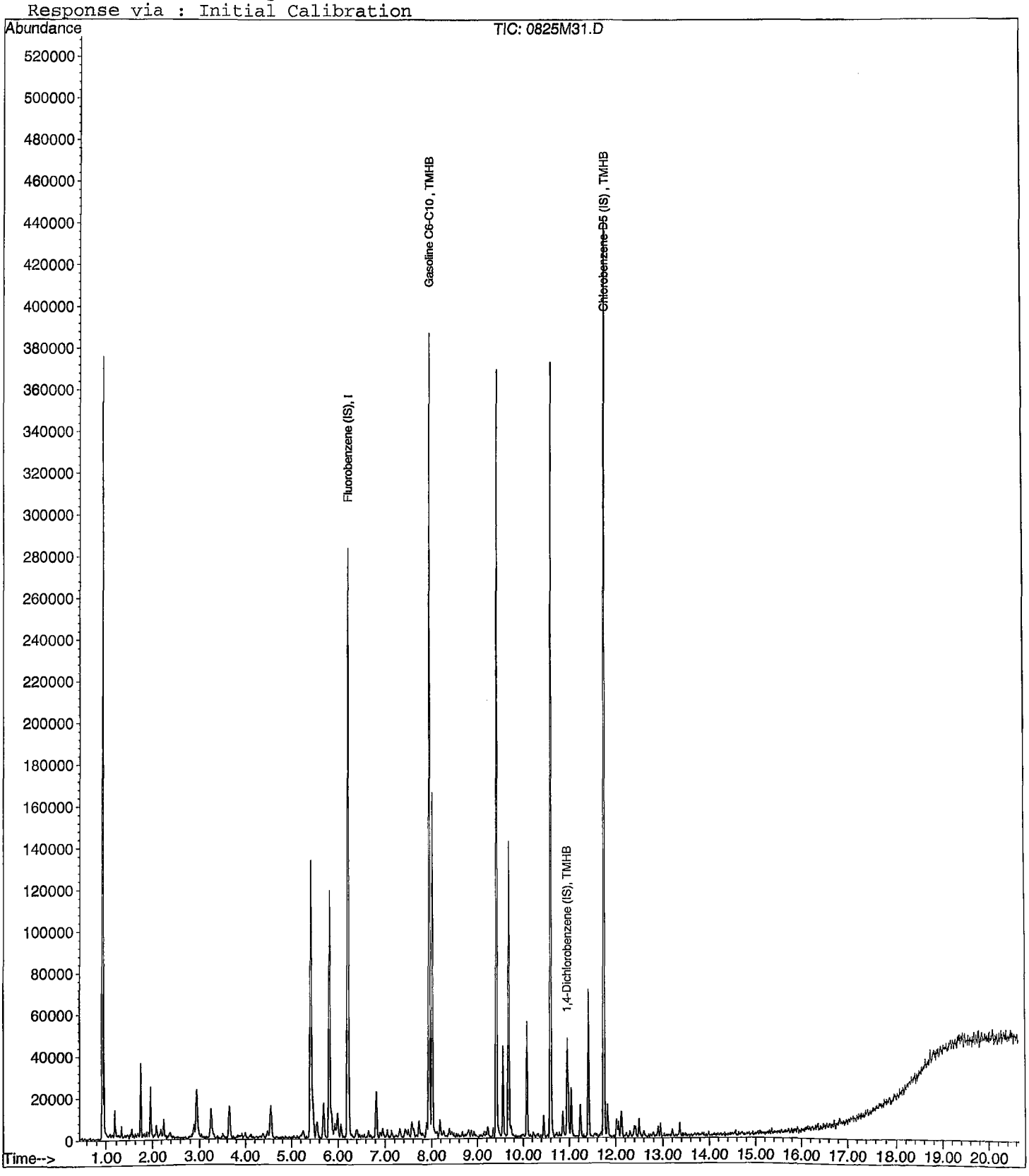
Quantitation Report

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
VOLATILE ORGANIC COMPOUNDS

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 8/27/2021
Instrument: Max
Initial Cal. Date: 8/25/2021
Data File: 0827M06.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Fluorobenzene (IS)	ISTD			I	
2	TMHB	Gasoline C6-C10	3.704	1.239	67	TMHBL	7.3
3	TMHB	Chlorobenzene-D5 (IS)	ISTD			TMHB	
4	TMHB	1,4-Dichlorobenzene (IS)	ISTD			TMHB	
5							
6							
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		Average			67.0		

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0827M06.D Vial: 5
Acq On : 27 Aug 21 11:20 Operator: LP,DG,CH
Sample : 210827A CCV/LCS 300ug/L Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00000
MS Integration Params: LSCINT.P
Quant Time: Sep 20 11:09 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)	6.24	96	241920	25.00	ppb	0.03
4) Chlorobenzene-D5 (IS)	9.43	117	201462	25.00	ppb	0.02
7) 1,4-Dichlorobenzene-D (IS)	11.76	152	126549	25.00	ppb	0.02
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.44	111	75828	25.99	ppb	0.02
Spiked Amount 25.000			Recovery = 103.960%			
3) 1,2-DCA-D4(S)	5.84	65	50360	26.27	ppb	0.02
Spiked Amount 25.000			Recovery = 105.064%			
5) Toluene-D8(S)	7.97	98	234630	24.84	ppb	0.02
Spiked Amount 25.000			Recovery = 99.344%			
6) 4-Bromofluorobenzene(S)	10.62	95	91396	24.80	ppb	0.02
Spiked Amount 25.000			Recovery = 99.188%			

Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration
0827M06.D M0825SUR.M Mon Sep 20 11:09:17 2021

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M06.D Vial: 5
Acq On : 27 Aug 21 11:20 Operator: LP,DG,CH
Sample : 210827A CCV/LCS 300ug/L Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 11:08 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)	6.24	TIC	273233	25.00	ppb	0.03
3) Chlorobenzene-D5 (IS)	11.75	TIC	254877m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	83942m	25.00	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	7.97	TIC	4062210m	278.02	ppb	100

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

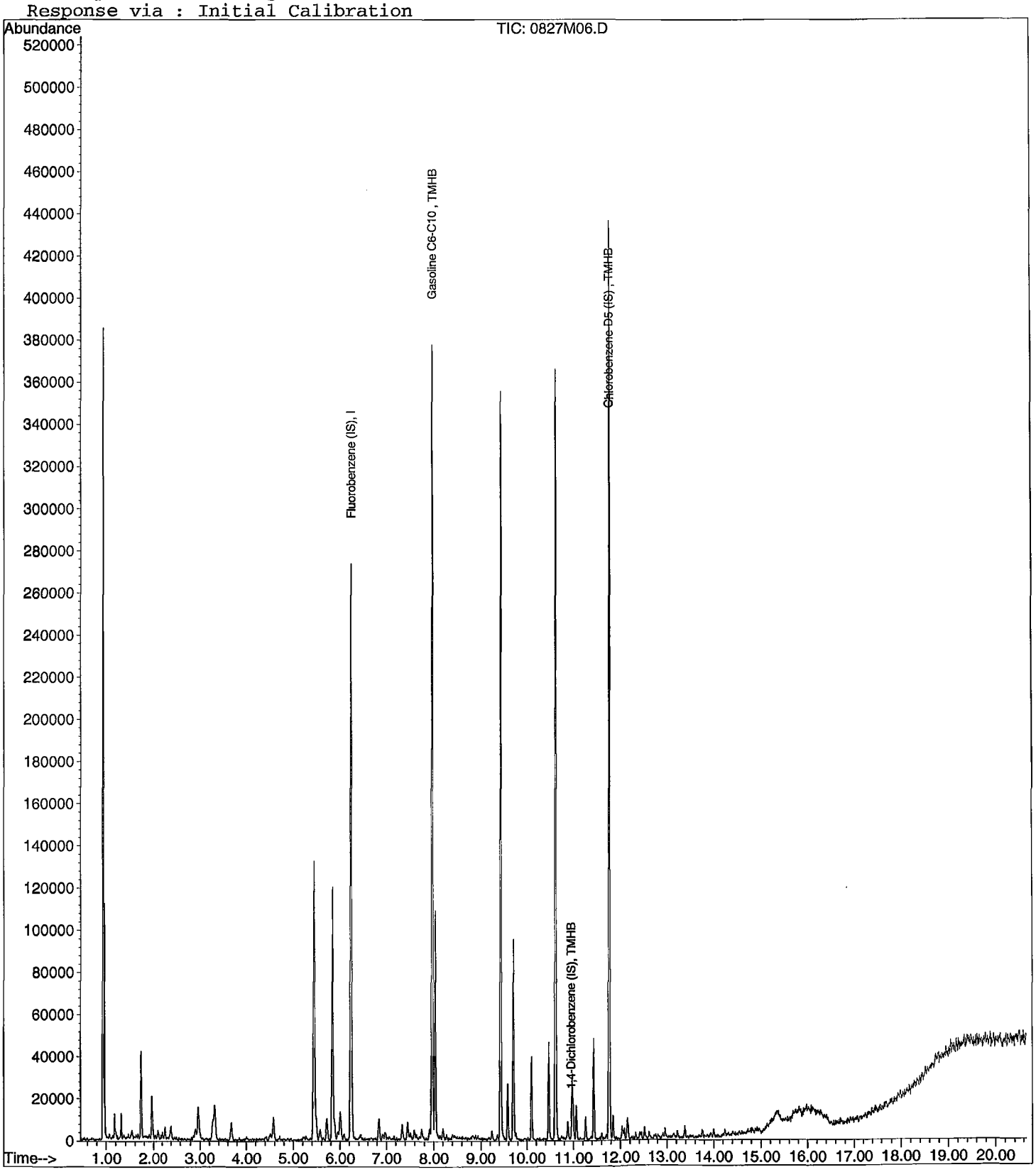
Quantitation Report

Data File : M:\MAX\DATA\210825\0827M06.D
Acq On : 27 Aug 21 11:20
Sample : 210827A CCV/LCS 300ug/L
Misc : IS&S 6/4/21

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

Quant Time: Sep 20 11:08 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



VOLATILE ORGANIC ANALYSIS
VOLATILE ORGANIC COMPOUNDS

Form 7

Continuing Calibration

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

SDG No:
Date Analyzed: 8/28/2021
Instrument: Max
Initial Cal. Date: 8/25/2021
Data File: 0827M34.D

		Compound	MEAN	CCRF	%D		%Drift
1	I	Fluorobenzene (IS)	ISTD			I	
2	TMHB	Gasoline C6-C10	3.704	1.275	66	TMHBL	2.4
3	TMHB	Chlorobenzene-D5 (IS)	ISTD			TMHB	
4	TMHB	1,4-Dichlorobenzene (IS)	ISTD			TMHB	
5							
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		Average			66.0		

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0827M34.D Vial: 33
Acq On : 28 Aug 21 00:32 Operator: LP,DG,CH
Sample : Ending CCV 300ug/L 8/26/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00000
MS Integration Params: LSCINT.P
Quant Time: Sep 20 11:12 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)	6.24	96	359163	25.00	ppb	0.03
4) Chlorobenzene-D5 (IS)	9.43	117	292224	25.00	ppb	0.02
7) 1,4-Dichlorobenzene-D (IS)	11.76	152	182364	25.00	ppb	0.02
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.44	111	101172	23.36	ppb	0.02
Spiked Amount 25.000			Recovery =	93.428%		
3) 1,2-DCA-D4(S)	5.84	65	62176	21.84	ppb	0.02
Spiked Amount 25.000			Recovery =	87.372%		
5) Toluene-D8(S)	7.97	98	342597	25.00	ppb	0.02
Spiked Amount 25.000			Recovery =	100.004%		
6) 4-Bromofluorobenzene(S)	10.62	95	129831	24.28	ppb	0.02
Spiked Amount 25.000			Recovery =	97.136%		

Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration
0827M34.D M0825SUR.M Mon Sep 20 11:11:59 2021

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M34.D Vial: 33
Acq On : 28 Aug 21 00:32 Operator: LP,DG,CH
Sample : Ending CCV 300ug/L 8/26/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 11:12 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)	6.24	TIC	401746	25.00	ppb	0.03
3) Chlorobenzene-D5 (IS)	11.75	TIC	361677m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	128848m	25.00	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	7.97	TIC	6147722m	307.30	ppb	100

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

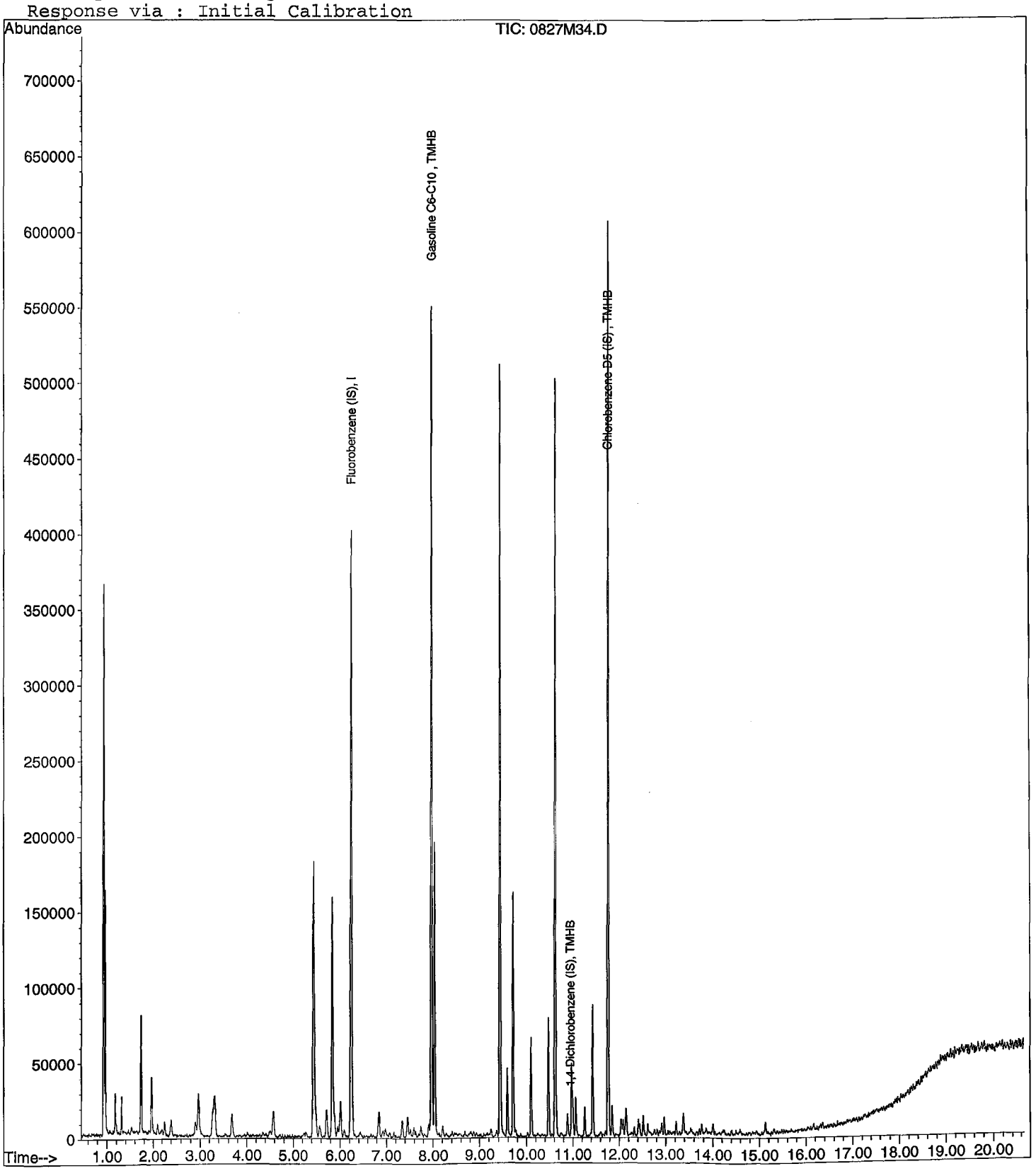
Quantitation Report

Data File : M:\MAX\DATA\210825\0827M34.D
Acq On : 28 Aug 21 00:32
Sample : Ending CCV 300ug/L 8/26/21
Misc : IS&S 6/4/21

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

Quant Time: Sep 20 11:12 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



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	0825M12.D	0825M13.D	0825M14.D	0825M15.D	0825M16.D	0825M17.D	0825M18.D	0825M19.D	0825M20.D		Avg	%RSD	Type	r^2	Q	MRF
1	I	Fluorobenzene (IS)																
2	S	Dibromofluoromethane(S)	0.3523	0.3417	0.2807	0.2859	0.2870	0.2956	0.2984	0.3009	0.2709		0.30	9.1	S			
3	S	1,2-DCA-D4(S)	0.2194	0.2154	0.1883	0.1930	0.1953	0.1908	0.1985	0.2034	0.1791		0.20	6.5	S			
4	I	Chlorobenzene-D5 (IS)																
5	S	Toluene-D8(S)	1.390	1.326	1.153	1.099	1.153	1.163	1.121	1.122	1.024		1.2	9.8	S			
6	S	4-Bromofluorobenzene(S)	0.5362	0.5171	0.4075	0.4294	0.4615	0.4643	0.4388	0.4514	0.4103		0.46	9.7	S			
7	I	1,4-Dichlorobenzene-D (IS)																
8																		
9																		
10																		
11																		
12																		
13																		
14																		
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Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0825M12.D Vial: 2
Acq On : 25 Aug 21 15:15 Operator: LP,DG,CH
Sample : 0.3ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

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

Quant Method : M:\MAX\DATA\210825\M0825SUR.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 11:16:48 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.21	96	268418	25.00 ppb	0.00
4) Chlorobenzene-D5 (IS)	9.41	117	221472	25.00 ppb	0.00
7) 1,4-Dichlorobenzene-D (IS)	11.75	152	137587	25.00 ppb	0.00
System Monitoring Compounds					
2) Dibromofluoromethane(S)	5.41	111	18913	5.84 ppb	0.00
Spiked Amount 25.000			Recovery =	23.372%	
3) 1,2-DCA-D4(S)	5.81	65	11779	5.54 ppb	0.00
Spiked Amount 25.000			Recovery =	22.148%	
5) Toluene-D8(S)	7.95	98	61590	5.93 ppb	0.00
Spiked Amount 25.000			Recovery =	23.720%	
6) 4-Bromofluorobenzene(S)	10.60	95	23749	5.86 ppb	0.00
Spiked Amount 25.000			Recovery =	23.444%	

Target Compounds Qvalue

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

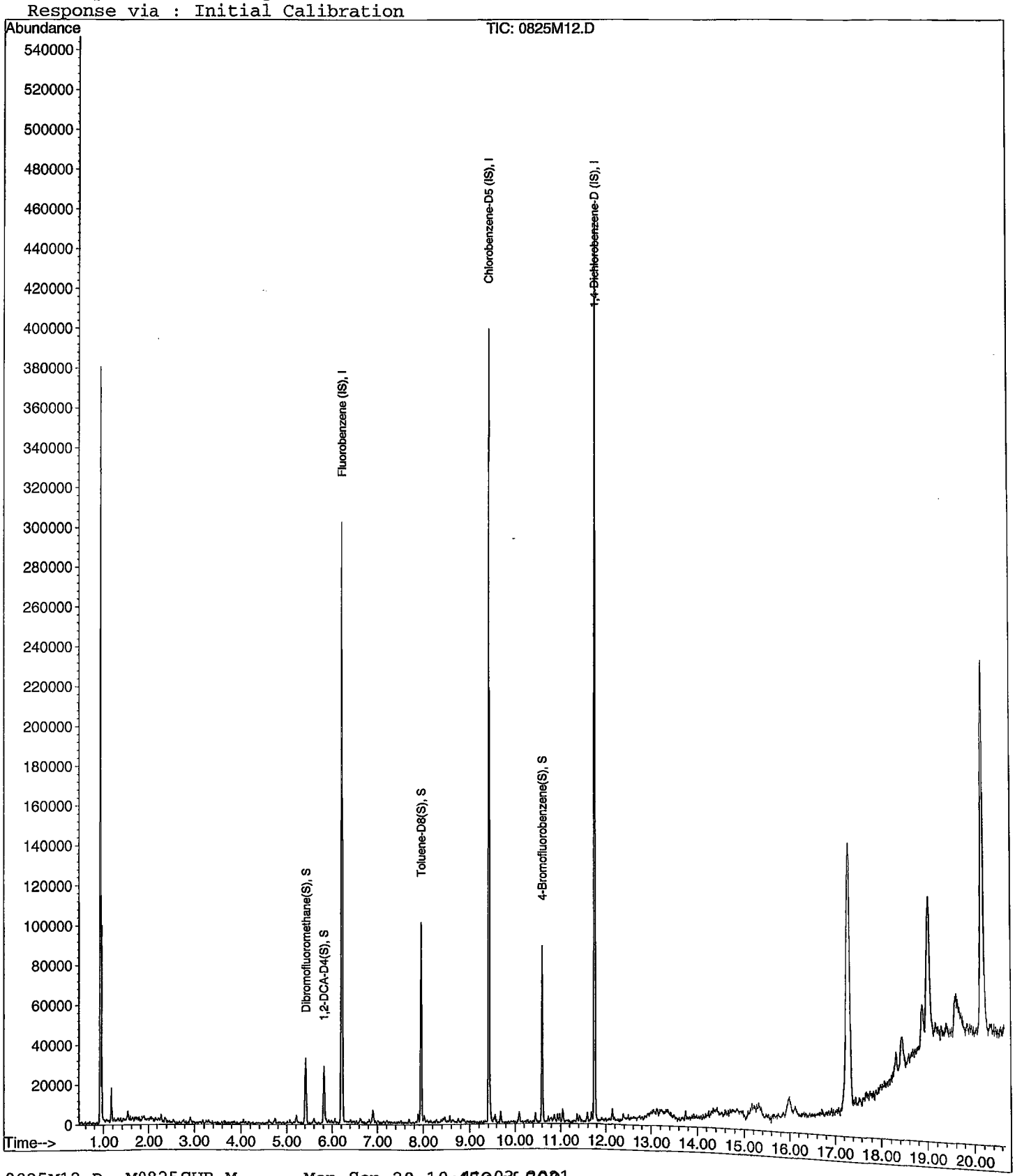
Quantitation Report

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

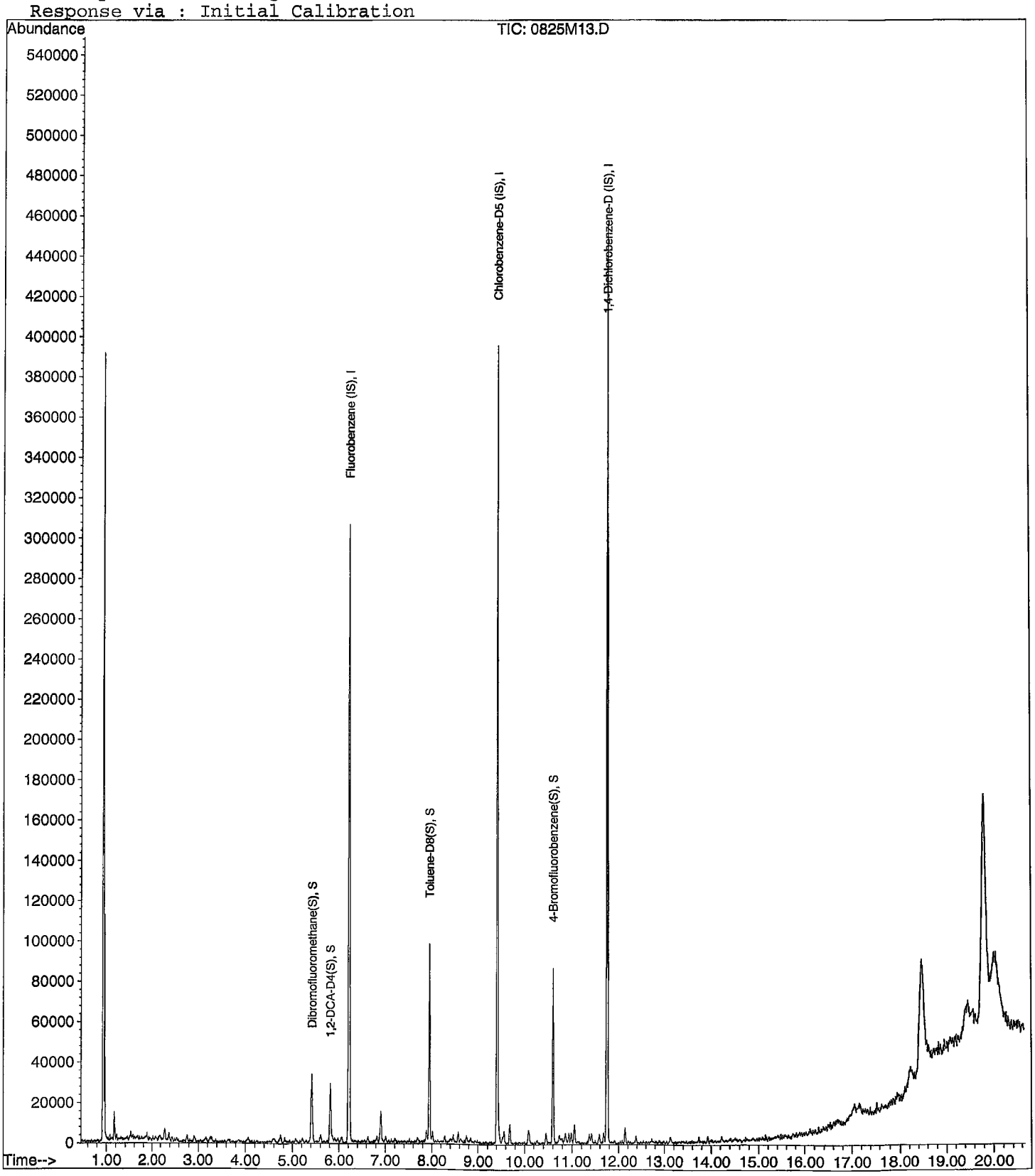
Quantitation Report

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

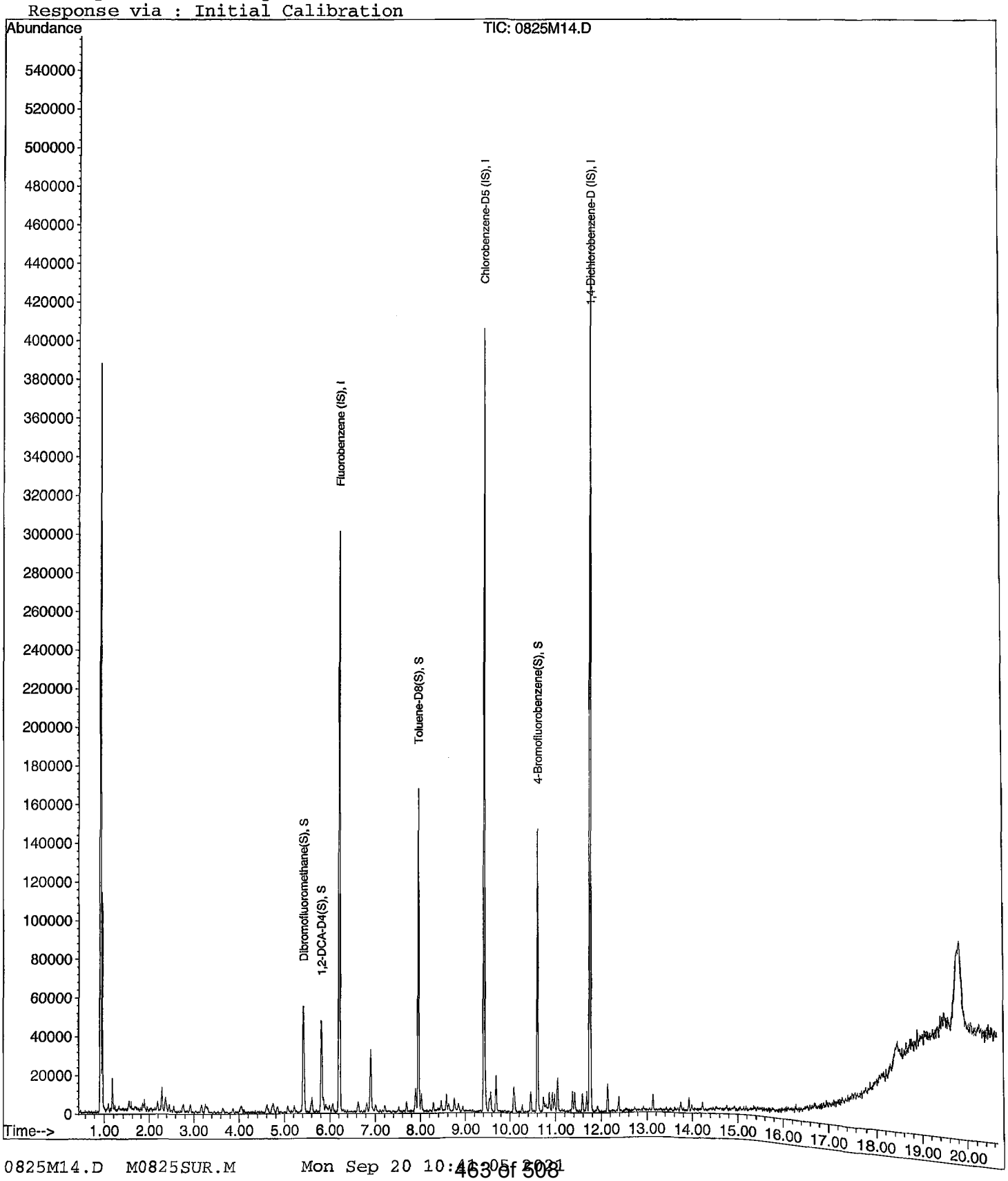
Quantitation Report

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

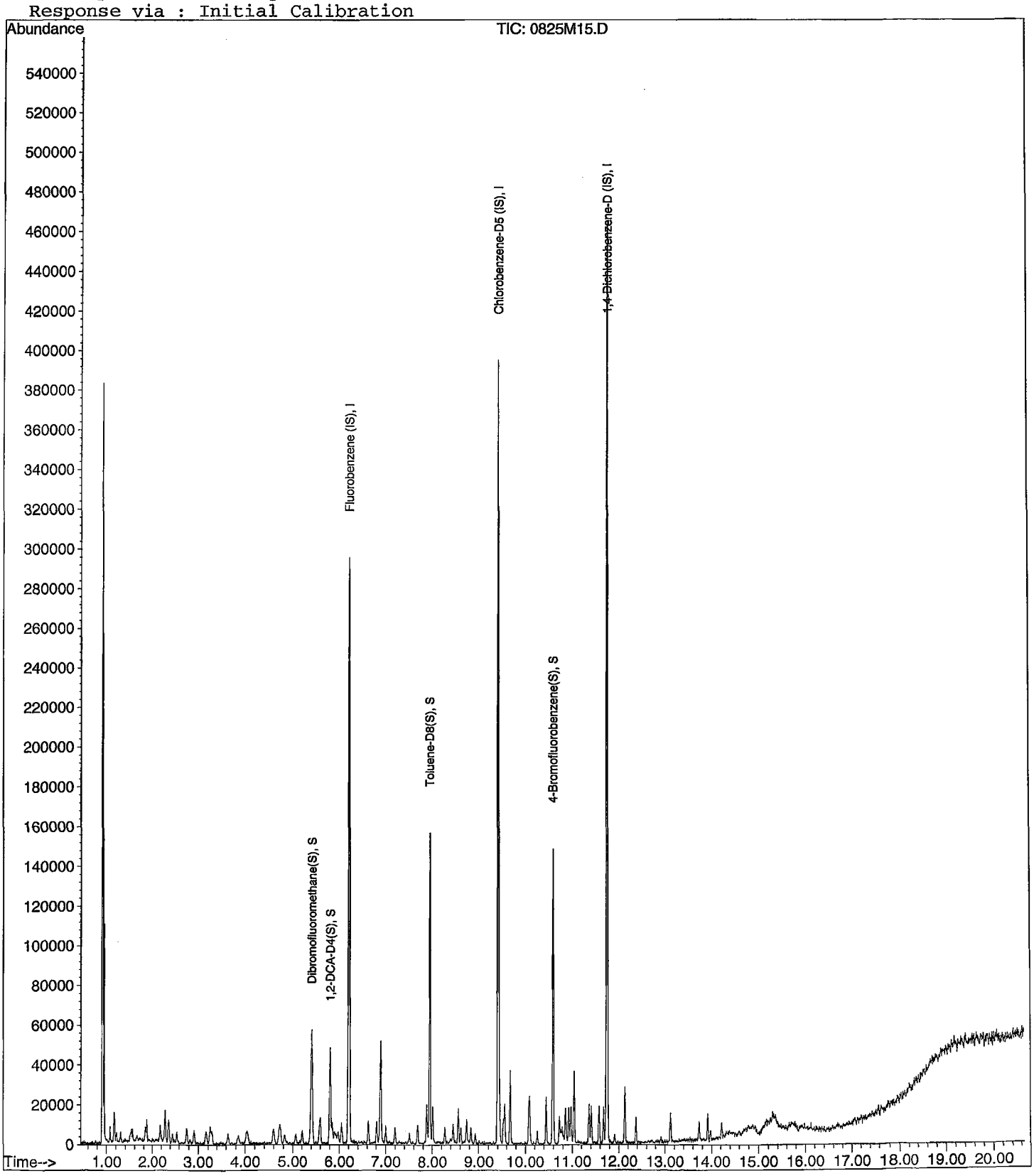
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\210825\0825M15.D 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

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

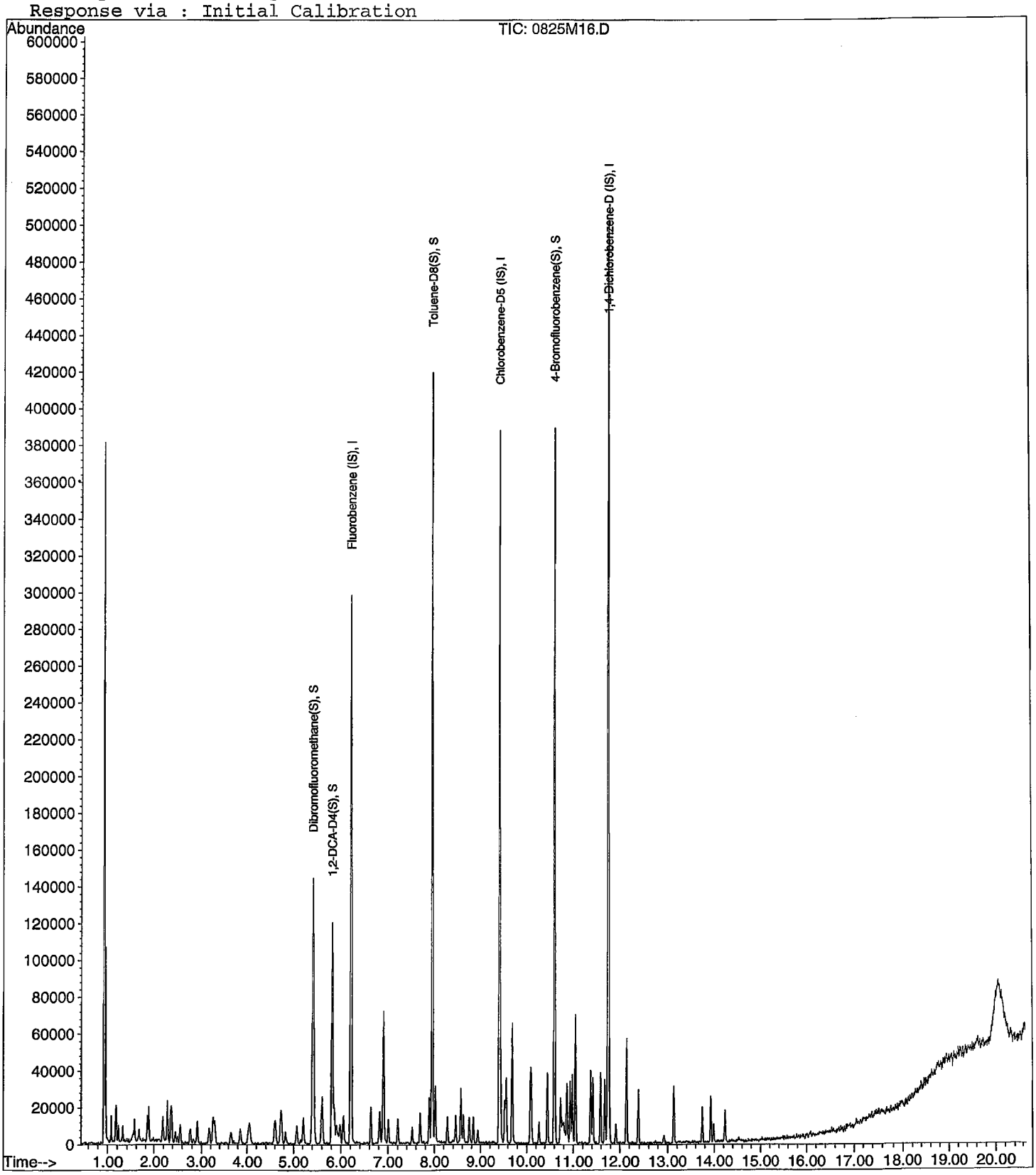
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\210825\0825M16.D 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

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

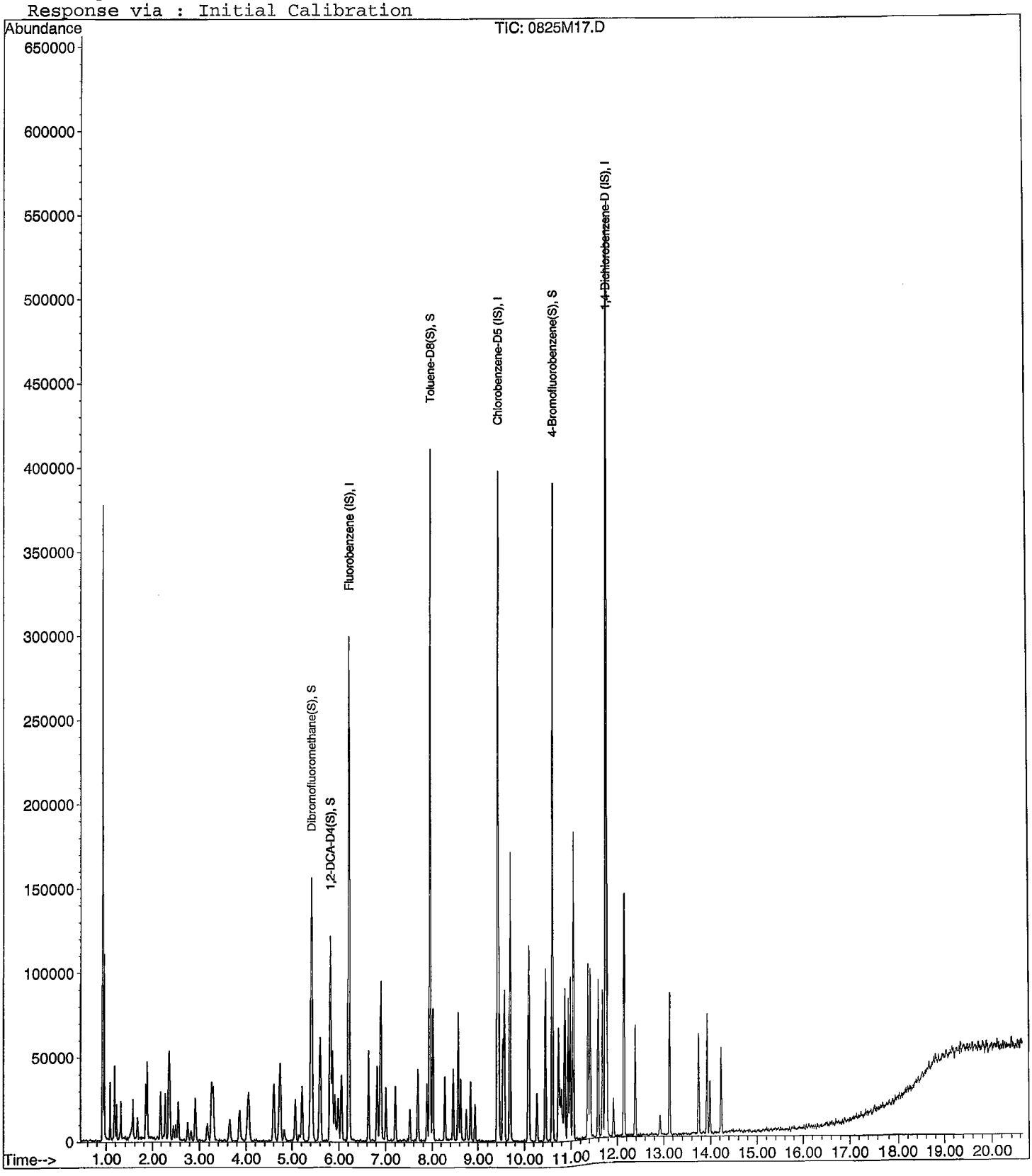
Quantitation Report

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

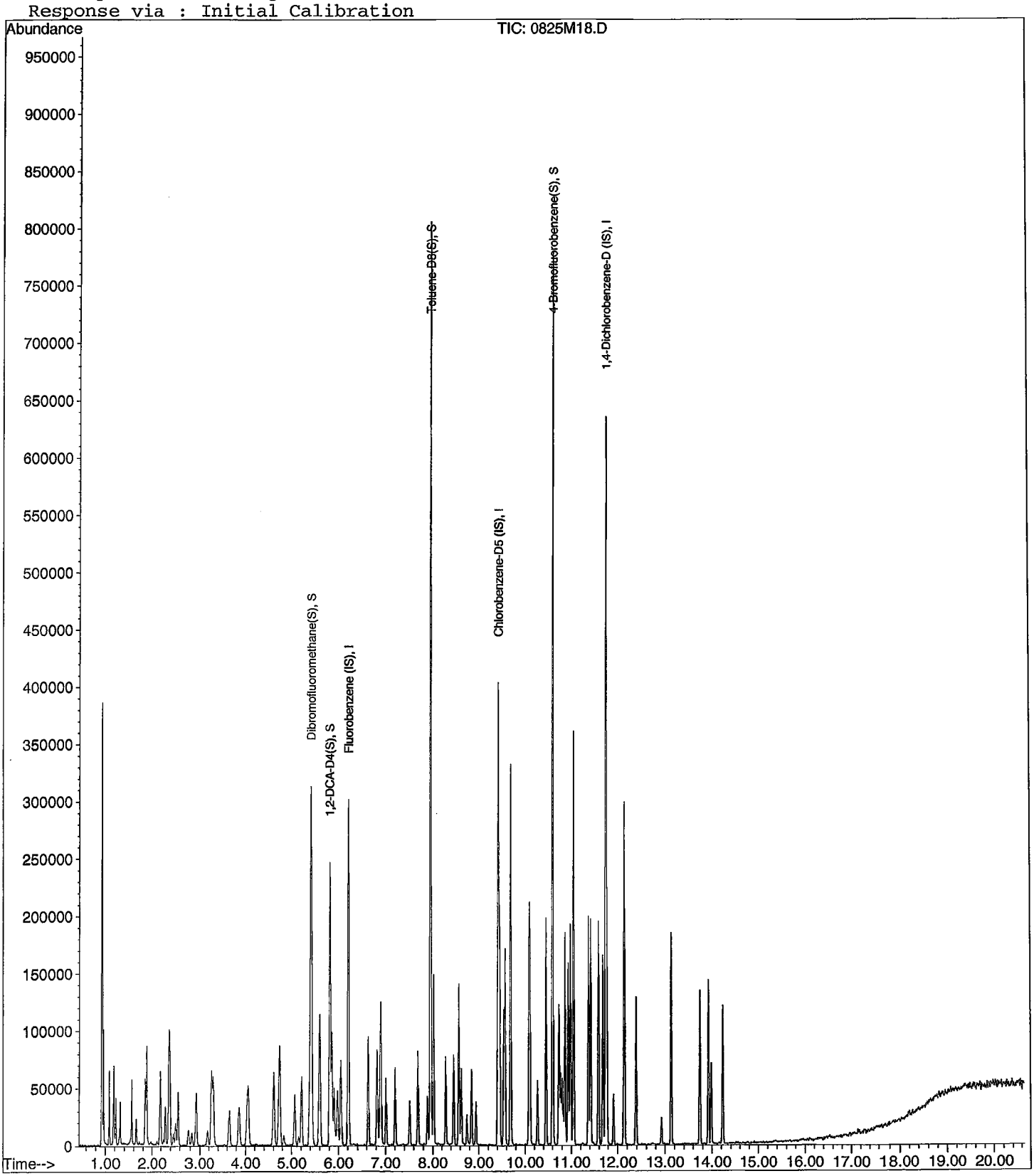
Quantitation Report

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

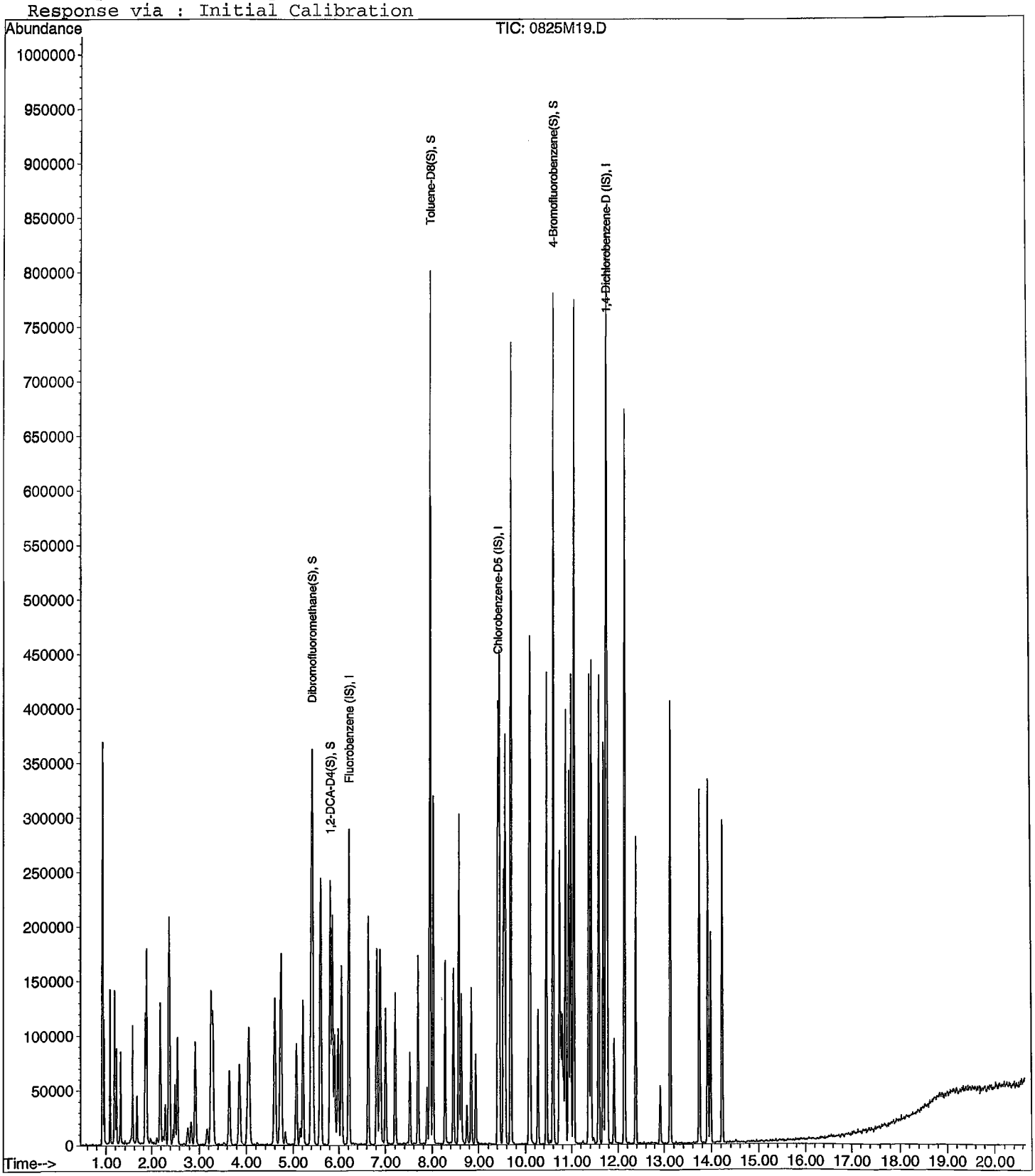
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\210825\0825M19.D 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

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 Vial: 10
Acq On : 25 Aug 21 18:59 Operator: LP,DG,CH
Sample : 100ug/L VOC STD 8/25/21 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Aug 26 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

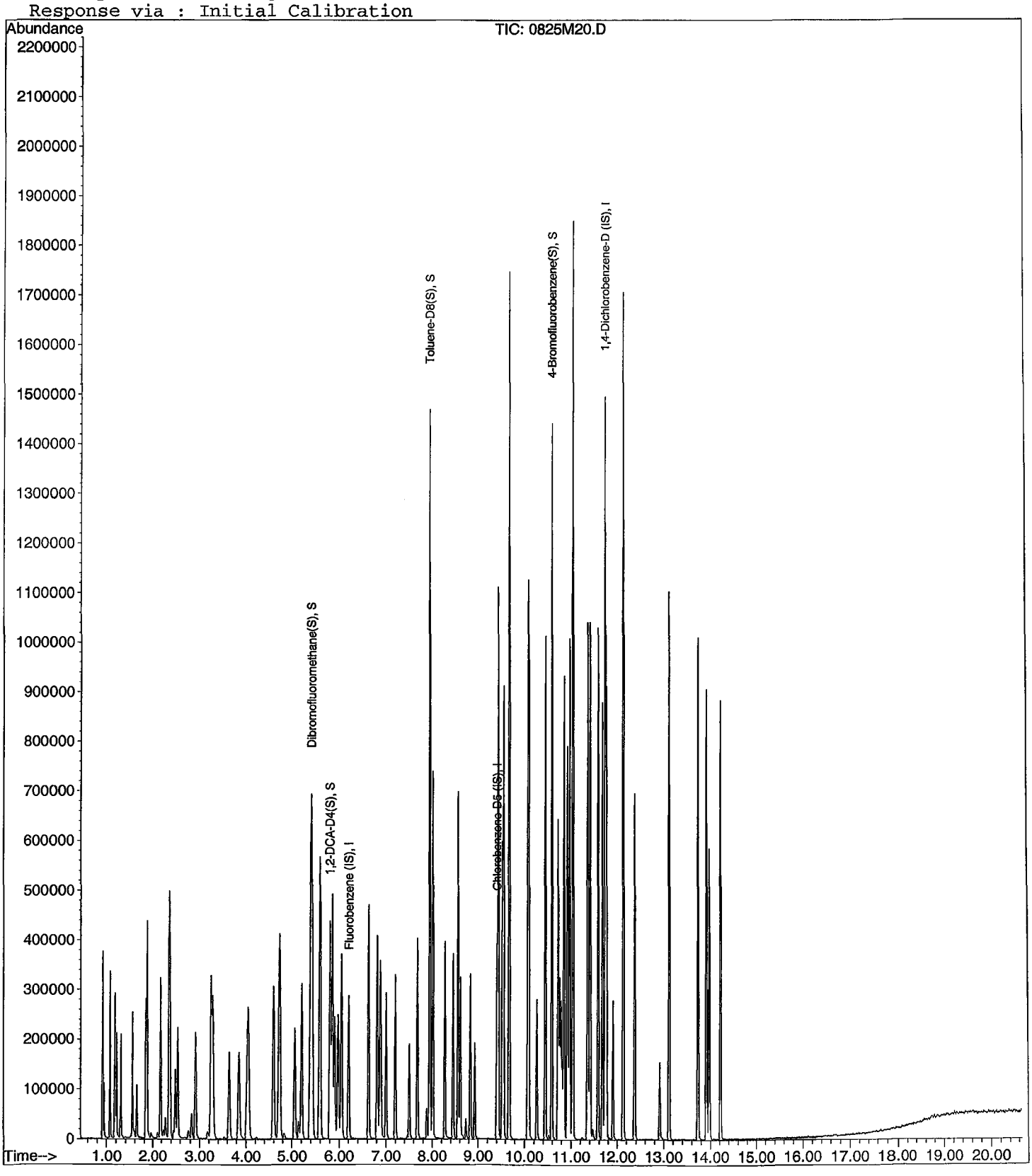
Quantitation Report

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



ORGANICS

Raw Data

Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0827M15.D Vial: 14
Acq On : 27 Aug 21 15:42 Operator: LP,DG,CH
Sample : BA38280W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 10:48 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)	6.24	96	232165	25.00	ppb	0.02
4) Chlorobenzene-D5 (IS)	9.43	117	201278	25.00	ppb	0.02
7) 1,4-Dichlorobenzene-D (IS)	11.76	152	121954	25.00	ppb	0.02
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.44	111	70637	25.23	ppb	0.02
Spiked Amount 25.000			Recovery = 100.912%			
3) 1,2-DCA-D4(S)	5.84	65	47304	25.71	ppb	0.02
Spiked Amount 25.000			Recovery = 102.836%			
5) Toluene-D8(S)	7.97	98	224824	23.82	ppb	0.02
Spiked Amount 25.000			Recovery = 95.276%			
6) 4-Bromofluorobenzene(S)	10.62	95	91213	24.77	ppb	0.02
Spiked Amount 25.000			Recovery = 99.080%			

Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M15.D Vial: 14
Acq On : 27 Aug 21 15:42 Operator: LP,DG,CH
Sample : BA38280W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 11:16 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.24	TIC	265159	25.00	ppb	0.02
3) Chlorobenzene-D5 (IS)	11.75	TIC	219620m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	5866m	25.00	ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

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

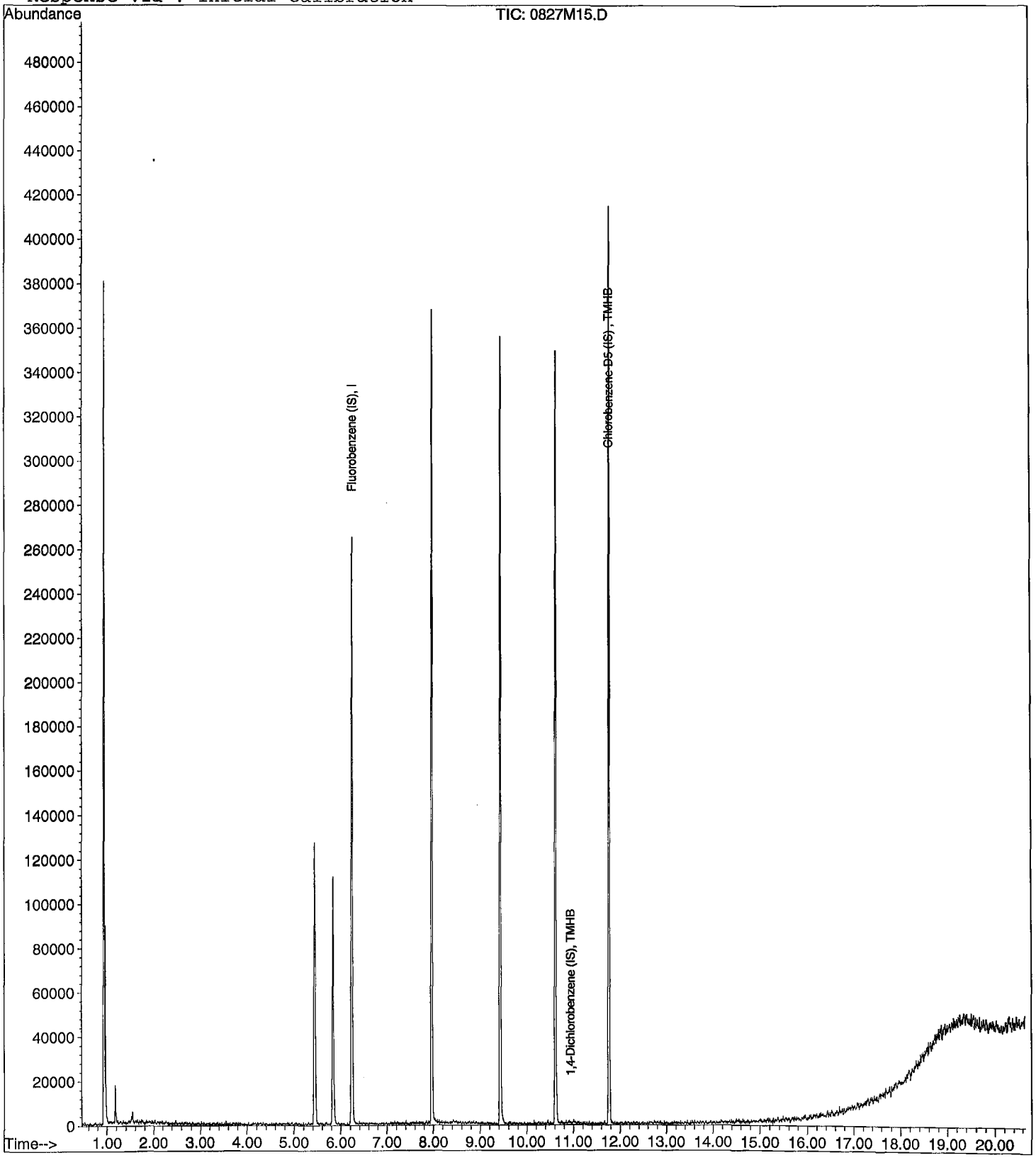
Quantitation Report

Data File : M:\MAX\DATA\210825\0827M15.D
Acq On : 27 Aug 21 15:42
Sample : BA38280W01
Misc : IS&S 6/4/21

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

Quant Time: Sep 20 11:16 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 (Not Reviewed)

Data File : M:\MAX\DATA\210825\0827M16.D Vial: 15
Acq On : 27 Aug 21 16:10 Operator: LP,DG,CH
Sample : BA38281W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 10:48 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)	6.24	96	230086	25.00	ppb	0.02
4) Chlorobenzene-D5 (IS)	9.43	117	197593	25.00	ppb	0.02
7) 1,4-Dichlorobenzene-D (IS)	11.76	152	125948	25.00	ppb	0.02
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.44	111	69990	25.22	ppb	0.03
Spiked Amount 25.000			Recovery =	100.892%		
3) 1,2-DCA-D4(S)	5.84	65	50272	27.57	ppb	0.02
Spiked Amount 25.000			Recovery =	110.276%		
5) Toluene-D8(S)	7.97	98	224671	24.25	ppb	0.02
Spiked Amount 25.000			Recovery =	96.988%		
6) 4-Bromofluorobenzene(S)	10.62	95	93428	25.84	ppb	0.02
Spiked Amount 25.000			Recovery =	103.376%		

Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M16.D Vial: 15
Acq On : 27 Aug 21 16:10 Operator: LP,DG,CH
Sample : BA38281W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 11:17 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)	6.24	TIC	263082	25.00	ppb	0.02
3) Chlorobenzene-D5 (IS)	11.75	TIC	231138m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	12743m	25.00	ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

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

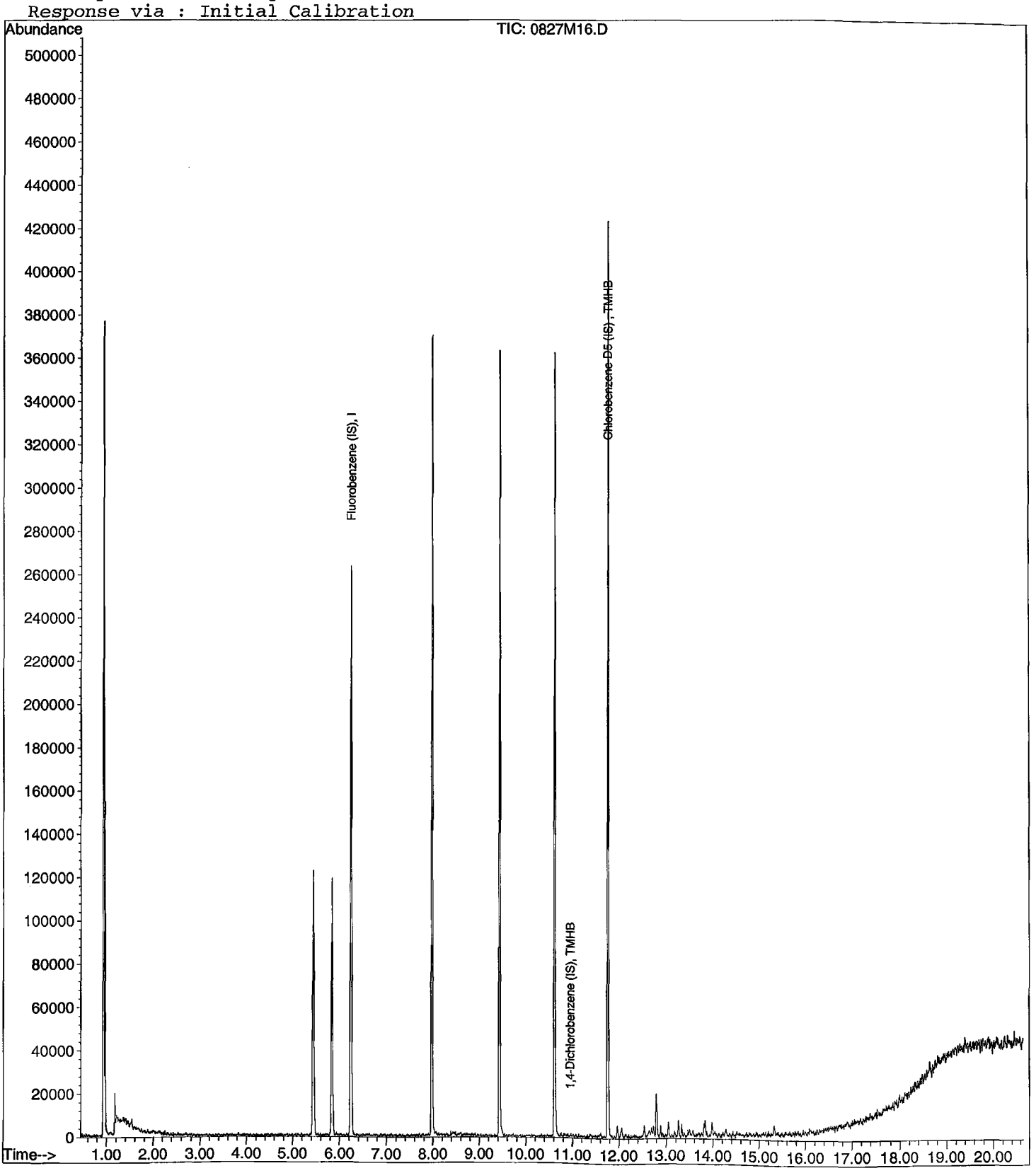
Quantitation Report

Data File : M:\MAX\DATA\210825\0827M16.D
Acq On : 27 Aug 21 16:10
Sample : BA38281W01
Misc : IS&S 6/4/21

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

Quant Time: Sep 20 11:17 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0827M17.D Vial: 16
Acq On : 27 Aug 21 16:37 Operator: LP,DG,CH
Sample : BA38282W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 10:48 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)	6.24	96	243307	25.00	ppb	0.03
4) Chlorobenzene-D5 (IS)	9.43	117	193355	25.00	ppb	0.02
7) 1,4-Dichlorobenzene-D (IS)	11.76	152	121846	25.00	ppb	0.02
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.44	111	70439	24.01	ppb	0.02
Spiked Amount 25.000			Recovery = 96.024%			
3) 1,2-DCA-D4(S)	5.84	65	47704	24.74	ppb	0.02
Spiked Amount 25.000			Recovery = 98.956%			
5) Toluene-D8(S)	7.97	98	223518	24.65	ppb	0.02
Spiked Amount 25.000			Recovery = 98.604%			
6) 4-Bromofluorobenzene(S)	10.62	95	86167	24.36	ppb	0.02
Spiked Amount 25.000			Recovery = 97.432%			

Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M17.D Vial: 16
Acq On : 27 Aug 21 16:37 Operator: LP,DG,CH
Sample : BA38282W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 11:18 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	6.24	TIC	273021	25.00	ppb	0.02
3) Chlorobenzene-D5 (IS)	11.75	TIC	227728m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	9457m	25.00	ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

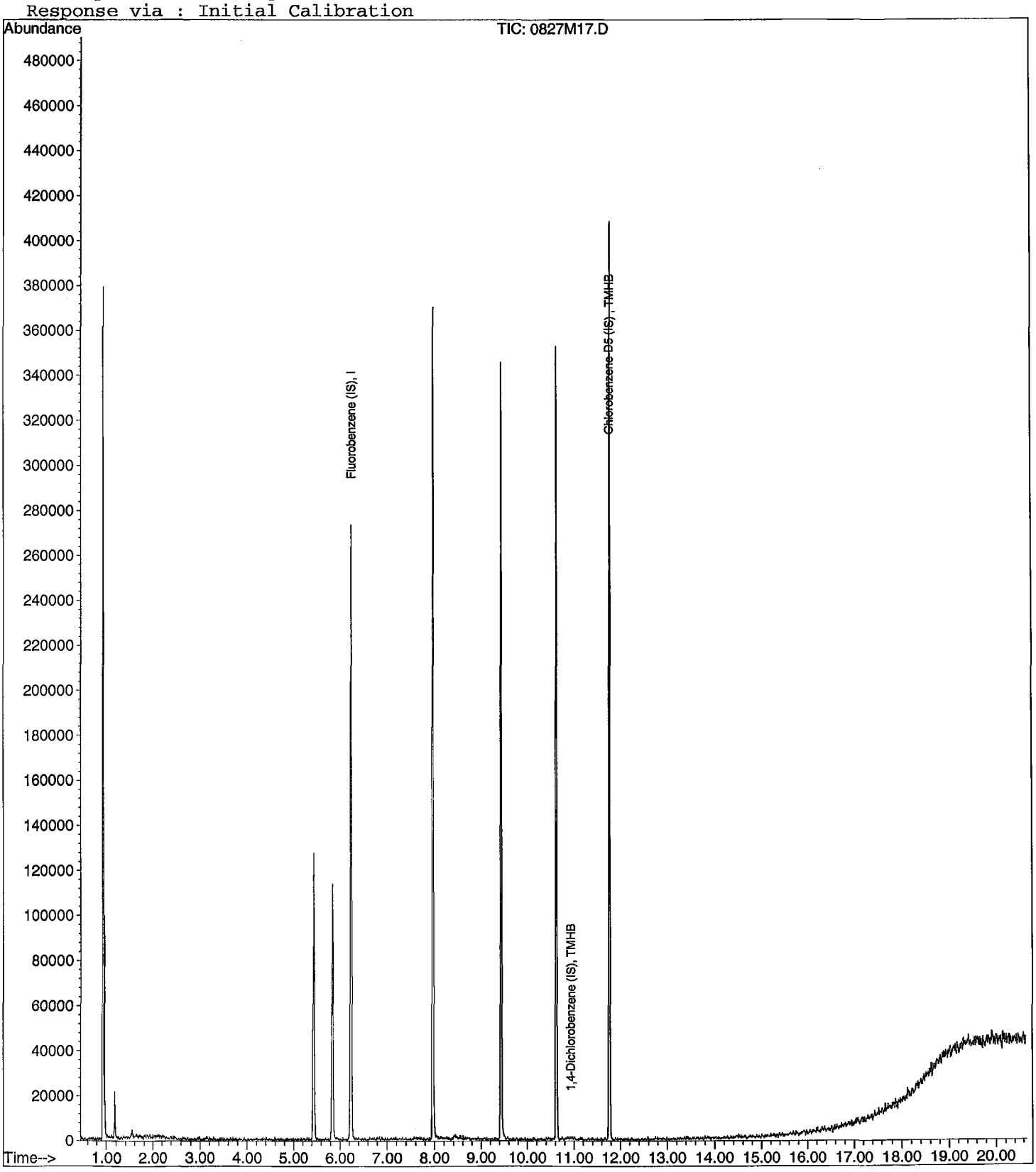
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\210825\0827M17.D Vial: 16
Acq On : 27 Aug 21 16:37 Operator: LP,DG,CH
Sample : BA38282W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 11:18 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 (Not Reviewed)

Data File : M:\MAX\DATA\210825\0827M18.D Vial: 17
Acq On : 27 Aug 21 17:05 Operator: LP,DG,CH
Sample : BA38283W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 10:48 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)	6.24	96	232482	25.00	ppb	0.02
4) Chlorobenzene-D5 (IS)	9.43	117	197405	25.00	ppb	0.02
7) 1,4-Dichlorobenzene-D (IS)	11.76	152	124139	25.00	ppb	0.02
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.44	111	69502	24.79	ppb	0.02
Spiked Amount 25.000			Recovery = 99.156%			
3) 1,2-DCA-D4(S)	5.84	65	48392	26.26	ppb	0.02
Spiked Amount 25.000			Recovery = 105.056%			
5) Toluene-D8(S)	7.97	98	223822	24.18	ppb	0.02
Spiked Amount 25.000			Recovery = 96.716%			
6) 4-Bromofluorobenzene(S)	10.62	95	85911	23.79	ppb	0.02
Spiked Amount 25.000			Recovery = 95.148%			

Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M18.D Vial: 17
Acq On : 27 Aug 21 17:05 Operator: LP,DG,CH
Sample : BA38283W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 11:19 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.24	TIC	260965	25.00 ppb	0.02
3) Chlorobenzene-D5 (IS)	11.75	TIC	300882m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	57191m	25.00 ppb	0.00
System Monitoring Compounds					
Target Compounds					Qvalue
2) Gasoline C6-C10	7.97	TIC	3132841m	85.49 ppb	100

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

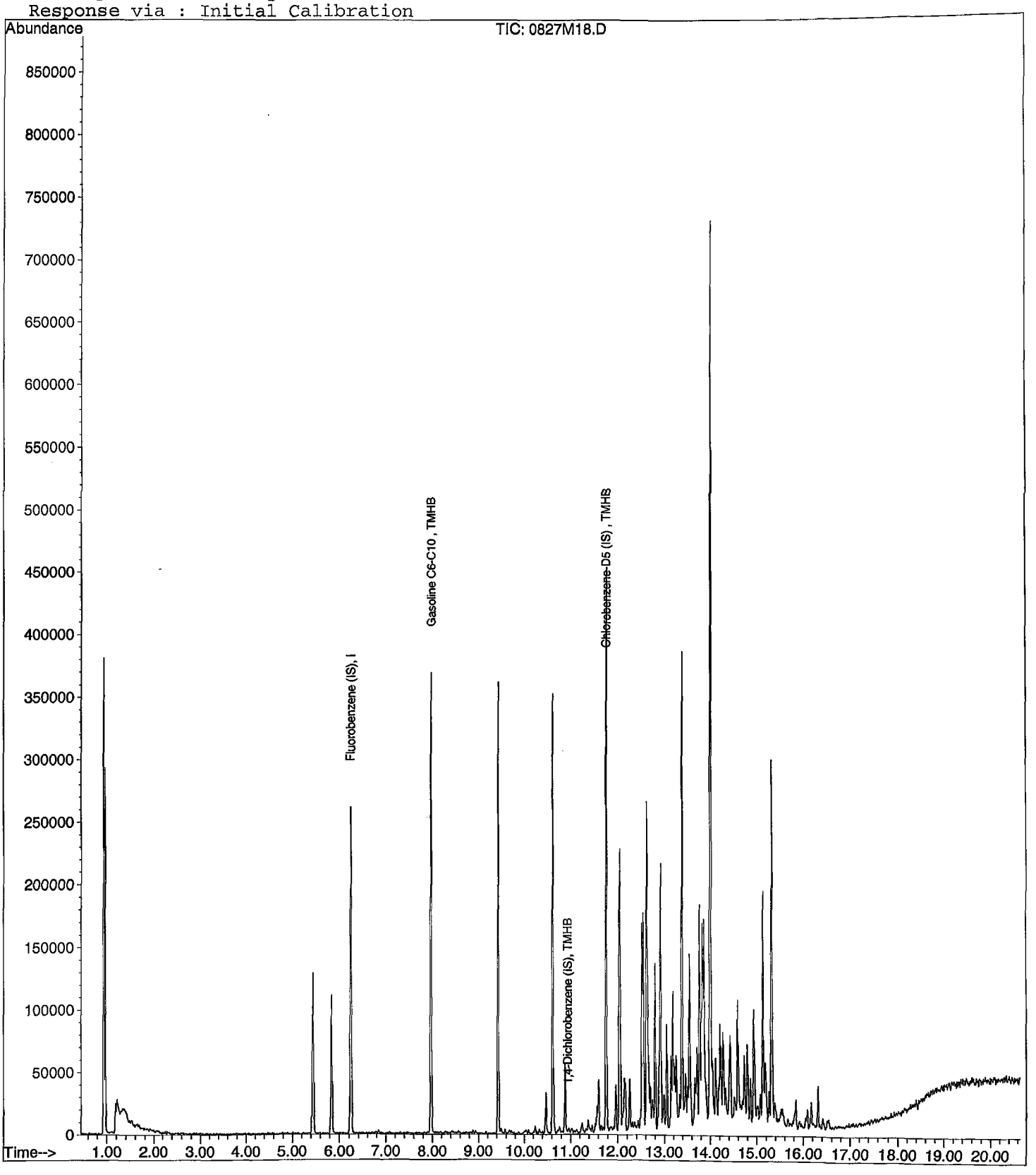
Quantitation Report

Data File : M:\MAX\DATA\210825\0827M18.D
Acq On : 27 Aug 21 17:05
Sample : BA38283W01
Misc : IS&S 6/4/21

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

Quant Time: Sep 20 11:19 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



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0827M19.D Vial: 18
Acq On : 27 Aug 21 17:33 Operator: LP,DG,CH
Sample : BA38284W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00000
MS Integration Params: LSCINT.P
Quant Time: Sep 20 11:26 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)	6.24	96	235309	25.00	ppb	0.02
4) Chlorobenzene-D5 (IS)	9.43	117	203072	25.00	ppb	0.02
7) 1,4-Dichlorobenzene-D (IS)	11.76	152	129223	25.00	ppb	0.02
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.44	111	72579	25.58	ppb	0.02
Spiked Amount 25.000			Recovery = 102.304%			
3) 1,2-DCA-D4(S)	5.84	65	46976	25.19	ppb	0.02
Spiked Amount 25.000			Recovery = 100.760%			
5) Toluene-D8(S)	7.97	98	226699	23.81	ppb	0.02
Spiked Amount 25.000			Recovery = 95.224%			
6) 4-Bromofluorobenzene(S)	10.62	95	88232	23.75	ppb	0.02
Spiked Amount 25.000			Recovery = 94.992%			

Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration
0827M19.D M0825SUR.M Mon Sep 20 11:26:27 2021

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M19.D Vial: 18
Acq On : 27 Aug 21 17:33 Operator: LP,DG,CH
Sample : BA38284W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 11:18 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.24	TIC	274090	25.00 ppb	0.02
3) Chlorobenzene-D5 (IS)	11.75	TIC	227323m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	12086m	25.00 ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

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

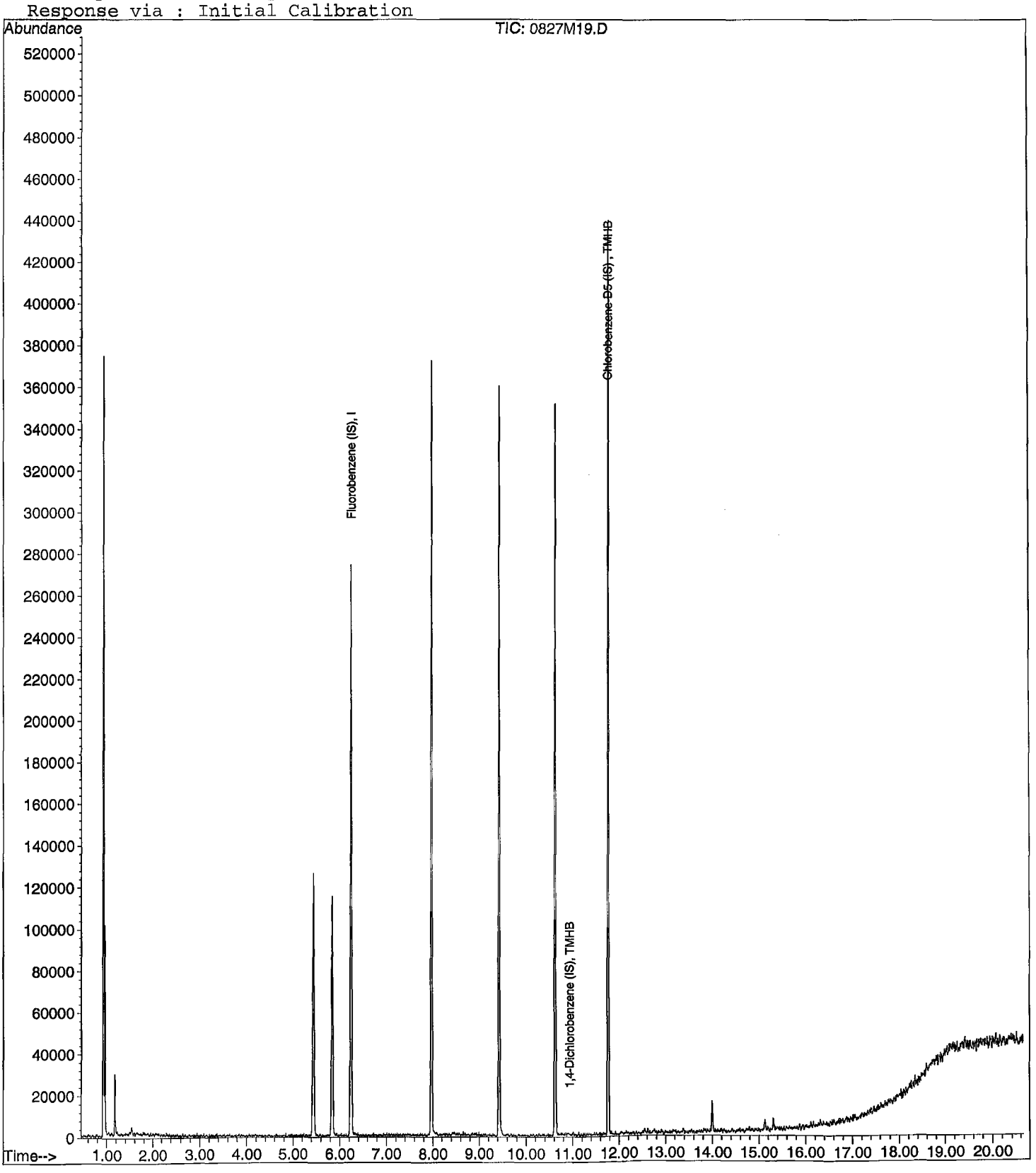
Quantitation Report

Data File : M:\MAX\DATA\210825\0827M19.D
Acq On : 27 Aug 21 17:33
Sample : BA38284W01
Misc : IS&S 6/4/21

Vial: 18
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Sep 20 11:18 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 (Not Reviewed)

Data File : M:\MAX\DATA\210825\0827M20.D Vial: 19
Acq On : 27 Aug 21 18:01 Operator: LP,DG,CH
Sample : BA38285W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 10:48 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)	6.24	96	229689	25.00	ppb	0.03
4) Chlorobenzene-D5 (IS)	9.43	117	198560	25.00	ppb	0.02
7) 1,4-Dichlorobenzene-D (IS)	11.76	152	126908	25.00	ppb	0.02
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.44	111	71069	25.66	ppb	0.02
Spiked Amount 25.000			Recovery = 102.624%			
3) 1,2-DCA-D4(S)	5.83	65	50656	27.83	ppb	0.02
Spiked Amount 25.000			Recovery = 111.312%			
5) Toluene-D8(S)	7.97	98	220805	23.71	ppb	0.02
Spiked Amount 25.000			Recovery = 94.856%			
6) 4-Bromofluorobenzene(S)	10.62	95	87003	23.95	ppb	0.02
Spiked Amount 25.000			Recovery = 95.800%			

Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M20.D Vial: 19
Acq On : 27 Aug 21 18:01 Operator: LP,DG,CH
Sample : BA38285W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 11:20 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)	6.24	TIC	263480	25.00	ppb	0.02
3) Chlorobenzene-D5 (IS)	11.75	TIC	224881m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	6717m	25.00	ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

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

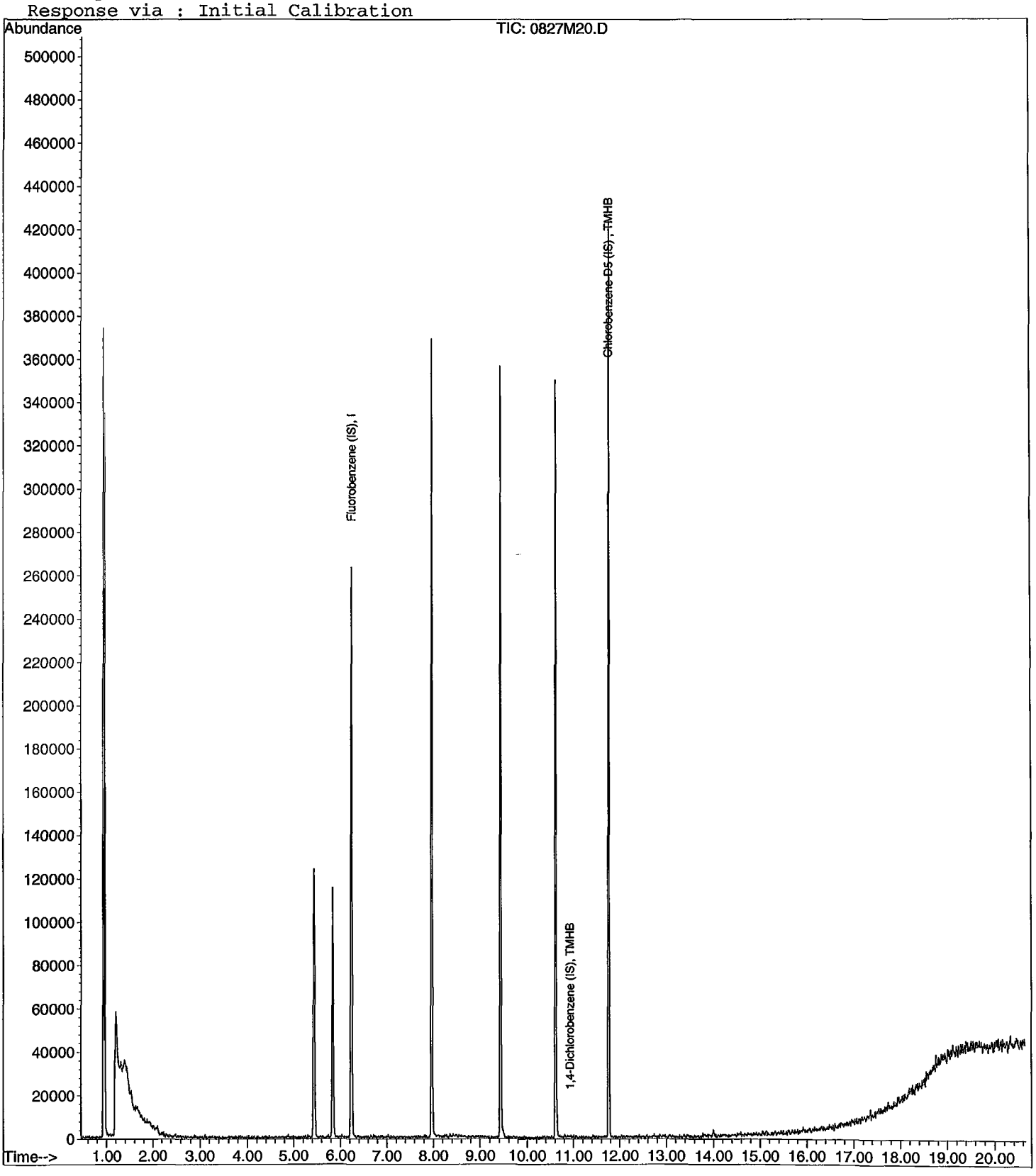
Quantitation Report

Data File : M:\MAX\DATA\210825\0827M20.D
Acq On : 27 Aug 21 18:01
Sample : BA38285W01
Misc : IS&S 6/4/21

Vial: 19
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Sep 20 11:20 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0827M21.D Vial: 20
Acq On : 27 Aug 21 18:29 Operator: LP,DG,CH
Sample : BA38286W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 10:48 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)	6.24	96	233783	25.00	ppb	0.03
4) Chlorobenzene-D5 (IS)	9.43	117	198843	25.00	ppb	0.02
7) 1,4-Dichlorobenzene-D (IS)	11.76	152	125041	25.00	ppb	0.02
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.44	111	67507	23.94	ppb	0.02
Spiked Amount 25.000			Recovery =	95.776%		
3) 1,2-DCA-D4(S)	5.84	65	44792	24.18	ppb	0.02
Spiked Amount 25.000			Recovery =	96.700%		
5) Toluene-D8(S)	7.97	98	224036	24.03	ppb	0.02
Spiked Amount 25.000			Recovery =	96.108%		
6) 4-Bromofluorobenzene(S)	10.62	95	86609	23.81	ppb	0.02
Spiked Amount 25.000			Recovery =	95.228%		

Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M21.D Vial: 20
Acq On : 27 Aug 21 18:29 Operator: LP,DG,CH
Sample : BA38286W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 11:21 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)	6.24	TIC	269071	25.00	ppb	0.02
3) Chlorobenzene-D5 (IS)	11.75	TIC	235499m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	5982m	25.00	ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

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

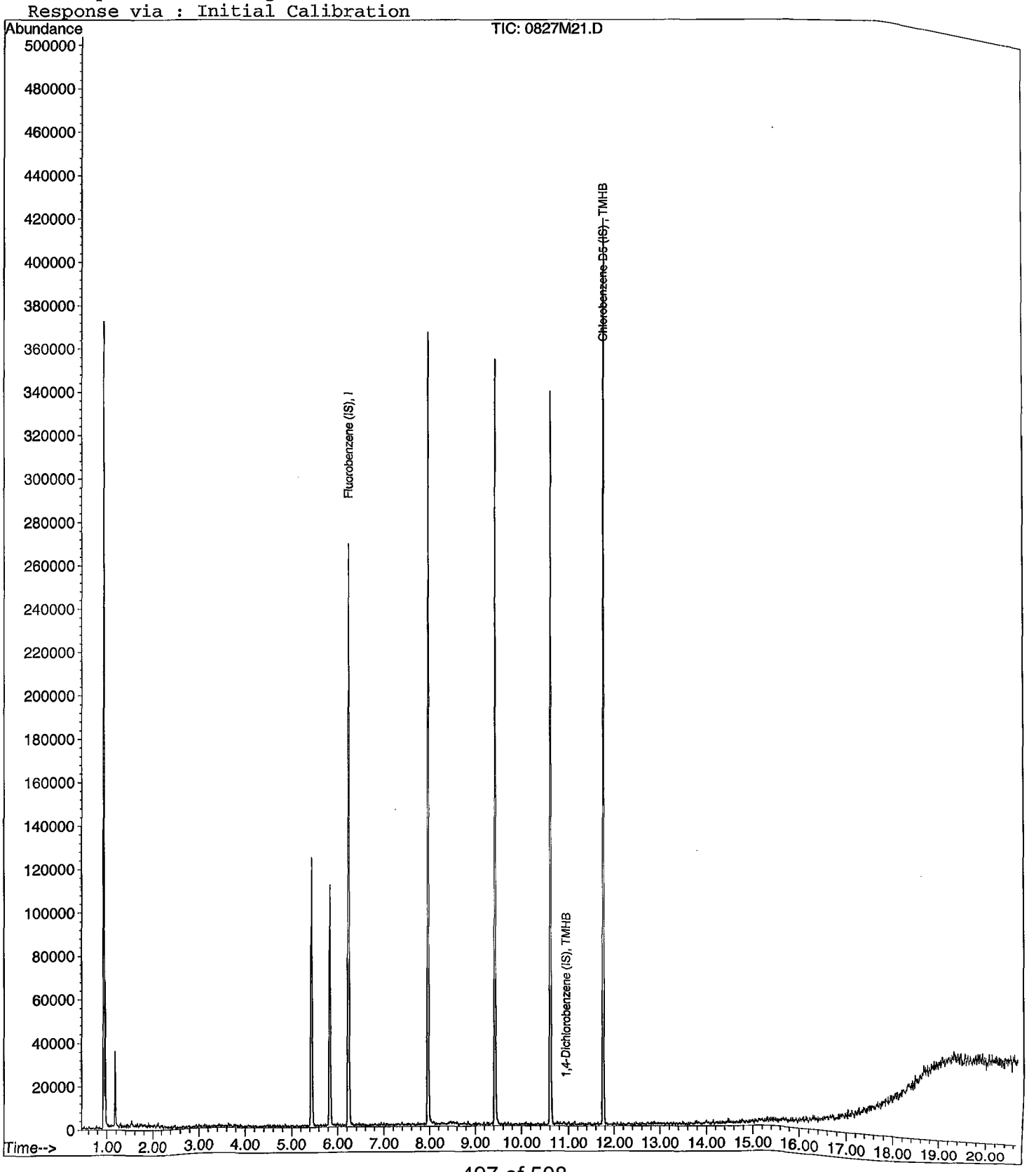
Quantitation Report

Data File : M:\MAX\DATA\210825\0827M21.D
Acq On : 27 Aug 21 18:29
Sample : BA38286W01
Misc : IS&S 6/4/21

Vial: 20
Operator: LP,DG,CH
Inst : Max
Multiplr: 1.00

Quant Time: Sep 20 11:21 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0827M22.D Vial: 21
Acq On : 27 Aug 21 18:57 Operator: LP,DG,CH
Sample : BA38287W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 10:48 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)	6.24	96	223142	25.00	ppb	0.02
4) Chlorobenzene-D5 (IS)	9.43	117	188660	25.00	ppb	0.02
7) 1,4-Dichlorobenzene-D (IS)	11.76	152	117226	25.00	ppb	0.02
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.44	111	68160	25.33	ppb	0.02
Spiked Amount 25.000			Recovery = 101.312%			
3) 1,2-DCA-D4(S)	5.84	65	46304	26.18	ppb	0.02
Spiked Amount 25.000			Recovery = 104.732%			
5) Toluene-D8(S)	7.97	98	212178	23.98	ppb	0.02
Spiked Amount 25.000			Recovery = 95.932%			
6) 4-Bromofluorobenzene(S)	10.62	95	87060	25.22	ppb	0.02
Spiked Amount 25.000			Recovery = 100.892%			

Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M22.D Vial: 21
Acq On : 27 Aug 21 18:57 Operator: LP,DG,CH
Sample : BA38287W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 11:21 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)	6.24	TIC	256700	25.00	ppb	0.02
3) Chlorobenzene-D5 (IS)	11.75	TIC	229623m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	7950m	25.00	ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

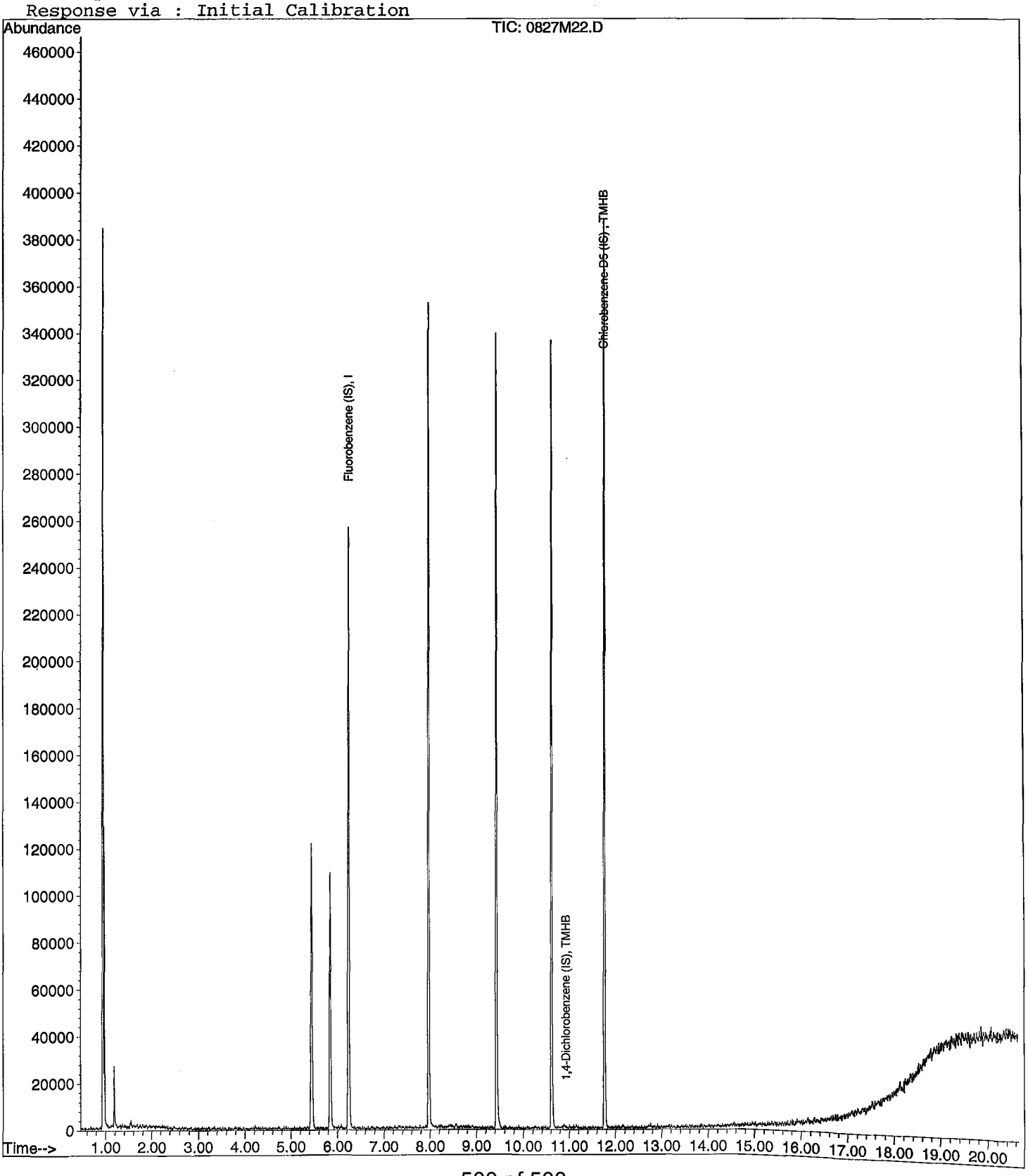
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : M:\MAX\DATA\210825\0827M22.D Vial: 21
Acq On : 27 Aug 21 18:57 Operator: LP,DG,CH
Sample : BA38287W01 Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 11:21 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : M:\MAX\DATA\210825\0827M11.D Vial: 10
Acq On : 27 Aug 21 13:42 Operator: LP,DG,CH
Sample : 210827A BLK Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 10:48 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)	6.24	96	242071	25.00	ppb	0.02
4) Chlorobenzene-D5 (IS)	9.43	117	197867	25.00	ppb	0.02
7) 1,4-Dichlorobenzene-D (IS)	11.76	152	121157	25.00	ppb	0.02
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.44	111	71516	24.50	ppb	0.02
Spiked Amount 25.000			Recovery = 97.988%			
3) 1,2-DCA-D4(S)	5.84	65	47672	24.85	ppb	0.02
Spiked Amount 25.000			Recovery = 99.396%			
5) Toluene-D8(S)	7.97	98	231245	24.92	ppb	0.02
Spiked Amount 25.000			Recovery = 99.688%			
6) 4-Bromofluorobenzene(S)	10.61	95	92596	25.58	ppb	0.02
Spiked Amount 25.000			Recovery = 102.316%			

Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M11.D Vial: 10
Acq On : 27 Aug 21 13:42 Operator: LP,DG,CH
Sample : 210827A BLK Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00

Quant Time: Sep 20 11:15 2021 Quant Results File: MGAS0825.RES

Quant Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration
DataAcq Meth : M8260_081021

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.24	TIC	276675	25.00 ppb	0.02
3) Chlorobenzene-D5 (IS)	11.75	TIC	233901m	25.00 ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	12663m	25.00 ppb	0.00

System Monitoring Compounds

Target Compounds Qvalue

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

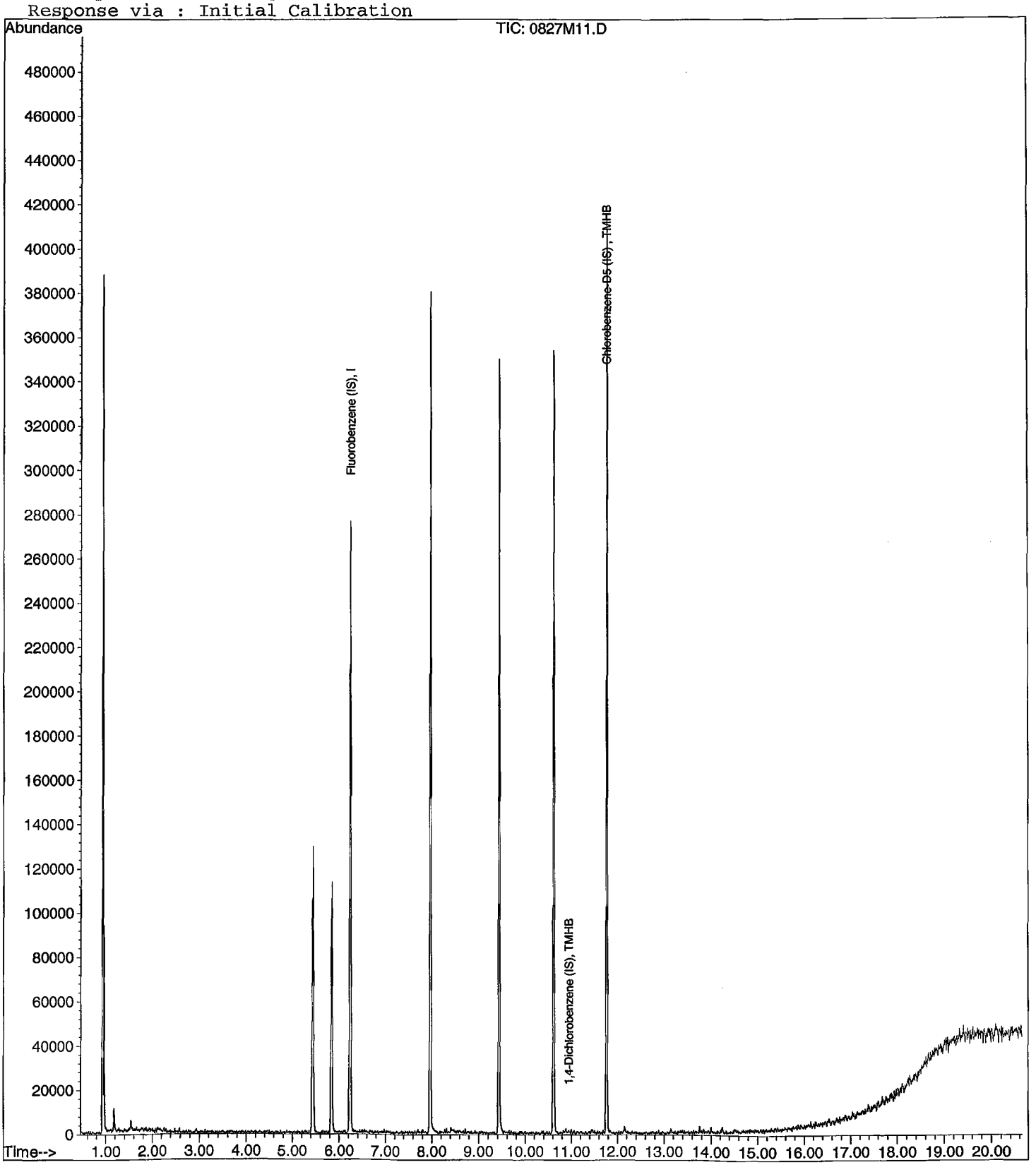
Quantitation Report

Data File : M:\MAX\DATA\210825\0827M11.D
Acq On : 27 Aug 21 13:42
Sample : 210827A BLK
Misc : IS&S 6/4/21

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

Quant Time: Sep 20 11:15 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 (Not Reviewed)

Data File : M:\MAX\DATA\210825\0827M07.D Vial: 6
Acq On : 27 Aug 21 11:48 Operator: LP,DG,CH
Sample : 210827A LCSD 300ug/L Inst : Max
Misc : IS&S 6/4/21 Multiplr: 1.00000
MS Integration Params: LSCINT.P
Quant Time: Sep 20 11:09 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)	6.24	96	237076	25.00	ppb	0.02
4) Chlorobenzene-D5 (IS)	9.43	117	200199	25.00	ppb	0.02
7) 1,4-Dichlorobenzene-D (IS)	11.76	152	129462	25.00	ppb	0.02
System Monitoring Compounds						
2) Dibromofluoromethane(S)	5.44	111	71527	25.02	ppb	0.02
Spiked Amount 25.000			Recovery =	100.068%		
3) 1,2-DCA-D4(S)	5.84	65	44632	23.75	ppb	0.02
Spiked Amount 25.000			Recovery =	95.016%		
5) Toluene-D8(S)	7.97	98	223271	23.78	ppb	0.02
Spiked Amount 25.000			Recovery =	95.128%		
6) 4-Bromofluorobenzene(S)	10.62	95	91088	24.87	ppb	0.02
Spiked Amount 25.000			Recovery =	99.476%		

Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration
0827M07.D M0825SUR.M Mon Sep 20 11:09:30 2021

Quantitation Report (QT Reviewed)

Data File : M:\MAX\DATA\210825\0827M07.D
Acq On : 27 Aug 21 11:48
Sample : 210827A LCSD 300ug/L
Misc : IS&S 6/4/21

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

Quant Time: Sep 20 11:10 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)	6.24	TIC	276095	25.00	ppb	0.02
3) Chlorobenzene-D5 (IS)	11.75	TIC	261214m	25.00	ppb	0.00
4) 1,4-Dichlorobenzene (IS)	10.94	TIC	76308m	25.00	ppb	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
2) Gasoline C6-C10	7.97	TIC	3969021m	244.95	ppb	100

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

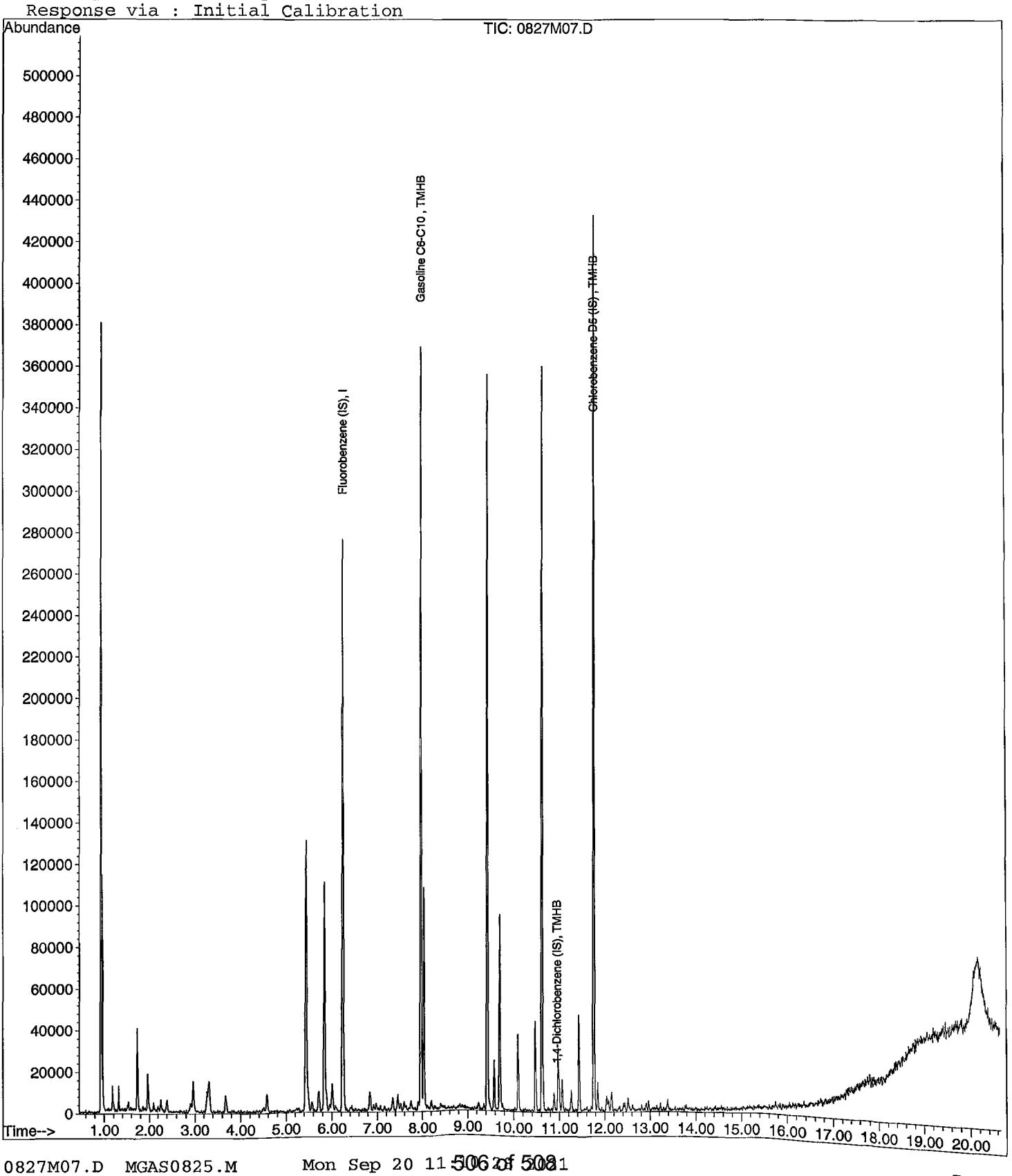
Quantitation Report

Data File : M:\MAX\DATA\210825\0827M07.D
Acq On : 27 Aug 21 11:48
Sample : 210827A LCSD 300ug/L
Misc : IS&S 6/4/21

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

Quant Time: Sep 20 11:10 2021 Quant Results File: MGAS0825.RES

Method : M:\MAX\DATA\210825\MGAS0825.M (RTE Integrator)
Title : METHOD 8260B
Last Update : Thu Aug 26 16:19:36 2021
Response via : Initial Calibration



MAX Gas Standard Prep

Gas Primary Working Standard

Prepared: 6/23/2021 — **Prepared By (Initials):** CH

Expires: 1/4/2022

Methanol Lot No.

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
50,000ug/mL Gas STD	Restek	30205	50,000	A0132443	1/4/2022	12/31/2024	80uL	2mL	Methanol	2,000

Gas Second Source (SS) Working Standard

Prepared: 3/31/2021 — **Prepared By (Initials):** CH

Expires: 1/31/1930

Methanol Lot No.

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
Gasoline (50,000ppm)	Phenova	ALO-101543	50,000	CL14915-51175	1/4/2022	1/31/1930	80uL	2mL	Methanol	2,000

MAX Gas Calibration Curve

Prepared: 8/25/2021 — **Prepared By (Initials):** CH

Expires: 10/24/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
VOA Gasses Standards	Phenova	20ug/L	2,000	Prepared 06/23/21	1/4/2022	N/A	1uL	100mL	P&T Water	20
VOA Gasses Standards	Phenova	50ug/L	2,000	Prepared 06/23/21	1/4/2022	N/A	2.5uL	100mL	P&T Water	50
VOA Gasses Standards	Phenova	100ug/L	2,000	Prepared 06/23/21	1/4/2022	N/A	5uL	100mL	P&T Water	100
VOA Gasses Standards	Phenova	300ug/L	2,000	Prepared 06/23/21	1/4/2022	N/A	15uL	100mL	P&T Water	300
VOA Gasses Standards	Phenova	600ug/L	2,000	Prepared 06/23/21	1/4/2022	N/A	30uL	100mL	P&T Water	600
VOA Gasses Standards	Phenova	800ug/L	2,000	Prepared 06/23/21	1/4/2022	N/A	40uL	100mL	P&T Water	800
VOA Gasses Standards	Phenova	1,000ug/L	2,000	Prepared 06/23/21	1/4/2022	N/A	50uL	100mL	P&T Water	1,000

Zeus Gas Second Source

Prepared: 8/25/2021 — **Prepared By (Initials):** CH

Expires: 10/24/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	APPL Mix Name	Conc. (ug/mL)	Reference To APPL Prep Date	Exp. Date	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/L)
50,000ug/mL Gas STD	Phenova	SS 300ug/L	2,000	Prepared 03/31/21	1/31/1930	N/A	15uL	100mL	P&T Water	300

MAX Gas Continuing Calibrations/Lab Control Spikes

Prepared: 8/25/2021 — **Prepared By (Initials):** CH

Expires: 8/26/2021

Initial Standard Information							Final Standard Information			
Name of Initial Standard (QAU Label)	Supplier	Supplier P/N#	Conc. (ug/mL)	Lot Number - QA Number	Exp. Date (1 yr)	Exp. Date (Manufacturers)	Aliquot From Stock	Final Volume	Solvent	Final Standard Conc. (ug/mL)
VOA Gasses Standards	Phenova	300ug/L	2,000	Prepared 06/23/21	1/4/2022	N/A	15uL	100mL	P&T Water	300

Injection Log

Directory: M:\MAX\DATA\210825

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	0825M11.D	1	25ug/L BFB STD 7/13/21	IS&S 6/4/21	08/25/2021 14:47
2	2	0825M12.D	1	0.3ug/L VOC STD 8/25/21	IS&S 6/4/21	08/25/2021 15:15
3	3	0825M13.D	1	0.5ug/L VOC STD 8/25/21	IS&S 6/4/21	08/25/2021 15:43
4	4	0825M14.D	1	1ug/L VOC STD 8/25/21	IS&S 6/4/21	08/25/2021 16:11
5	5	0825M15.D	1	2ug/L VOC STD 8/25/21	IS&S 6/4/21	08/25/2021 16:39
6	6	0825M16.D	1	5ug/L VOC STD 8/25/21	IS&S 6/4/21	08/25/2021 17:07
7	7	0825M17.D	1	10ug/L VOC STD 8/25/21	IS&S 6/4/21	08/25/2021 17:35
8	8	0825M18.D	1	20ug/L VOC STD 8/25/21	IS&S 6/4/21	08/25/2021 18:03
9	9	0825M19.D	1	40ug/L VOC STD 8/25/21	IS&S 6/4/21	08/25/2021 18:31
10	10	0825M20.D	1	100ug/L VOC STD 8/25/21	IS&S 6/4/21	08/25/2021 18:59
11	13	0825M23.D	1	20ug/L GAS STD 8/25/21	IS&S 6/4/21	08/25/2021 20:23
12	14	0825M24.D	1	50ug/L GAS STD 8/25/21	IS&S 6/4/21	08/25/2021 20:51
13	15	0825M25.D	1	100ug/L GAS STD 8/25/21	IS&S 6/4/21	08/25/2021 21:19
14	16	0825M26.D	1	300ug/L GAS STD 8/25/21	IS&S 6/4/21	08/25/2021 21:47
15	17	0825M27.D	1	600ug/L GAS STD 8/25/21	IS&S 6/4/21	08/25/2021 22:14
16	18	0825M28.D	1	800ug/L GAS STD 8/25/21	IS&S 6/4/21	08/25/2021 22:42
17	19	0825M29.D	1	1000ug/L GAS STD 8/25/21	IS&S 6/4/21	08/25/2021 23:10
18	21	0825M31.D	1	(SS) 300ug/L GAS STD 8/25/21	IS&S 6/4/21	08/26/2021 00:06
19	5	0827M06.D	1	210827A CCV/LCS 300ug/L	IS&S 6/4/21	08/27/2021 11:20
20	6	0827M07.D	1	210827A LCSD 300ug/L	IS&S 6/4/21	08/27/2021 11:48
21	10	0827M11.D	1	210827A BLK	IS&S 6/4/21	08/27/2021 13:42
22	14	0827M15.D	1	BA38280W01	IS&S 6/4/21	08/27/2021 15:42
23	15	0827M16.D	1	BA38281W01	IS&S 6/4/21	08/27/2021 16:10
24	16	0827M17.D	1	BA38282W01	IS&S 6/4/21	08/27/2021 16:37
25	17	0827M18.D	1	BA38283W01	IS&S 6/4/21	08/27/2021 17:05
26	18	0827M19.D	1	BA38284W01	IS&S 6/4/21	08/27/2021 17:33
27	19	0827M20.D	1	BA38285W01	IS&S 6/4/21	08/27/2021 18:01
28	20	0827M21.D	1	BA38286W01	IS&S 6/4/21	08/27/2021 18:29
29	21	0827M22.D	1	BA38287W01	IS&S 6/4/21	08/27/2021 18:57
30	33	0827M34.D	1	Ending CCV 300ug/L 8/26/21	IS&S 6/4/21	08/28/2021 00:32