



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/07/25
Client Sample ID:	B-149-SB01	SDG No.:	Q1746
Lab Sample ID:	Q1746-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	89.3
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		Test:	TPH GC
Prep Method :	SW3541	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015657.D	1	04/08/25 08:55	04/08/25 15:01	PB167510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	12600		429	3160	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	10.8		37 - 130	54%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/06/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/07/25
Client Sample ID:	B-149-SB02	SDG No.:	Q1746
Lab Sample ID:	Q1746-03	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	84.8
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		Test:	TPH GC
Prep Method :	SW3541	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015658.D	1	04/08/25 08:55	04/08/25 15:30	PB167510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	6530		452	3340	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	18.3		37 - 130	92%	SPK: 20

Comments:

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QC SUMMARY

SOIL TPH GC SURROGATE RECOVERY

Lab Name: Chemtech Client: Portal Partners Tri-Venture
Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG No.: Q1746

EPA SAMPLE NO.	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FG015650.D	110				0
PIBLK-FG015661.D	104				0
PB167510BL	81				0
PB167510BS	87				0
B-158-SB02MS	58				0
B-158-SB02MSD	56				0
B-149-SB01	54				0
B-149-SB02	92				0

QC LIMITS

TETRACOSANE-d50

For Water : 29-130

For Soil : 37-130

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate Diluted Out

SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1746 **SAS No :** Q1746 **SDG No:** Q1746
Client SampleID : B-158-SB02MS **Datafile:** FG015659.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS
Petroleum Hydrocarbons	20225	9780	24698	74%		68-131

SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1746 **SAS No :** Q1746 **SDG No:** Q1746
Client SampleID : B-158-SB02MSD **Datafile:** FG015660.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS
Petroleum Hydrocarbons	20178	9780	24202	72%		68-131

MS/MSD % Recovery RPD : 3

SOIL TPH GC LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1746 **SAS No :** Q1746 **SDG No:** Q1746
Matrix Spike - EPA Sample No : PB167510BS **Datafile:** FG015654.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
Petroleum Hydrocarbons	11322	0	8469	75	68-131

4B
METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167510BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q1746

SAS No.: Q1746 SDG NO.: Q1746

Lab File ID: FG015653.D

Lab Sample ID: PB167510BL

Instrument ID: FG

Date Extracted: 04/08/2025

Matrix: (soil/water) Soil

Date Analyzed: 04/08/25

Level: (low/med) low

Time Analyzed: 12:50

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167510BS	PB167510BS	FG015654.D	04/08/25
B-149-SB01	Q1746-01	FG015657.D	04/08/25
B-149-SB02	Q1746-03	FG015658.D	04/08/25
B-158-SB02MS	Q1744-03MS	FG015659.D	04/08/25
B-158-SB02MSD	Q1744-03MSD	FG015660.D	04/08/25

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167510BL	SDG No.:	Q1746
Lab Sample ID:	PB167510BL	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	TPH GC
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015653.D	1	04/08/25 08:55	04/08/25 12:50	PB167510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	384	U	384	2830	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	16.2		37 - 130	81%	SPK: 20

Comments:

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/08/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/08/25
Client Sample ID:	PIBLK-FG015650.D	SDG No.:	Q1746
Lab Sample ID:	I.BLK-FG015650.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	TPH GC
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015650.D	1		04/08/25	FG040825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
PHC	Petroleum Hydrocarbons	12.0	U	12.0	85.0	ug/L
SURROGATES						
16416-32-3	TETRACOSANE-d50	22.1		29 - 130	110%	SPK: 20

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M = MS/MSD acceptance criteria did not meet requirements

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/08/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/08/25
Client Sample ID:	PIBLK-FG015661.D	SDG No.:	Q1746
Lab Sample ID:	I.BLK-FG015661.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	TPH GC
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015661.D	1		04/08/25	FG040825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
PHC	Petroleum Hydrocarbons	12.0	U	12.0	85.0	ug/L
SURROGATES						
16416-32-3	TETRACOSANE-d50	20.8		29 - 130	104%	SPK: 20

Comments:

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 M = MS/MSD acceptance criteria did not meet requirements

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 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167510BS	SDG No.:	Q1746
Lab Sample ID:	PB167510BS	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	100
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		Test:	TPH GC
Prep Method :	SW3541	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015654.D	1	04/08/25 08:55	04/08/25 13:20	PB167510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	8470		384	2830	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	17.3		37 - 130	87%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/07/25
Client Sample ID:	B-158-SB02MS	SDG No.:	Q1746
Lab Sample ID:	Q1744-03MS	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	56
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		Test:	TPH GC
Prep Method :	SW3541	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015659.D	1	04/08/25 08:55	04/08/25 15:59	PB167510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	24700		685	5060	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	11.6		37 - 130	58%	SPK: 20

Comments:

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/07/25
Client Sample ID:	B-158-SB02MSD	SDG No.:	Q1746
Lab Sample ID:	Q1744-03MSD	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	56
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		Test:	TPH GC
Prep Method :	SW3541	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015660.D	1	04/08/25 08:55	04/08/25 16:29	PB167510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	24200		684	5040	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	11.3		37 - 130	56%	SPK: 20

Comments:

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LOD = Limit of Detection

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

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CALIBRATION SUMMARY

TPH GC INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: PORT06
 ProjectID: Amtrak Sawtooth Bridges 2025
 Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG No.: Q1746

Calibration Sequence : FG032725		Test : TPH GC	
Concentration (PPM)	Area Count	Reference Factor	File ID
1700	202510102	119124	FG015564.D
850	97431427	114625	FG015565.D
340	39672736	116685	FG015566.D
170	20516512	120685	FG015567.D
85	9074544	106759	FG015568.D
AVG RF : 115576		% RSD : 4.711	AVG RT : 15.021

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: PORT06
ProjectID: Amtrak Sawtooth Bridges 2025
Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG No.: Q1746
DataFile: FG015651.D Analyst Name: YP\AJ Analyst Date: 04-08-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	95873167	112792	115576	2.409

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: PORT06
ProjectID: Amtrak Sawtooth Bridges 2025
Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG No.: Q1746
DataFile: FG015662.D Analyst Name: YP\AJ Analyst Date: 04-08-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	97789180	115046	115576	0.459

Analytical Sequence

Client: Portal Partners Tri-Venture

SDG No.: Q1746

Project: Amtrak Sawtooth Bridges 2025

Instrument ID: FID_G

GC Column: RXI-1MS **ID:** 0.18 (mm)

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

MEAN SUROGATE RT FROM INITIAL CALIBRATION 15.021					
EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	LBLK01	08 Apr 2025 10:01	FG015650.D	15.019	
50 PPM TRPH STD	50 PPM TRPH STD	08 Apr 2025 11:13	FG015651.D	15.022	
PB167510BL	PB167510BL	08 Apr 2025 12:50	FG015653.D	15.016	
PB167510BS	PB167510BS	08 Apr 2025 13:20	FG015654.D	15.016	
B-149-SB01	Q1746-01	08 Apr 2025 15:01	FG015657.D	14.966	
B-149-SB02	Q1746-03	08 Apr 2025 15:30	FG015658.D	15.015	
B-158-SB02MS	Q1744-03MS	08 Apr 2025 15:59	FG015659.D	14.965	
B-158-SB02MSD	Q1744-03MSD	08 Apr 2025 16:29	FG015660.D	15.015	
PIBLK02	LBLK02	08 Apr 2025 16:58	FG015661.D	15.014	
50 PPM TRPH STD	50 PPM TRPH STD	08 Apr 2025 17:57	FG015662.D	15.017	



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
Data File : FG015657.D
Signal(s) : FID1A.ch
Acq On : 08 Apr 2025 15:01
Operator : YP\AJ
Sample : Q1746-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
B-149-SB01

Integration File: autoint1.e
Quant Time: Apr 09 00:29:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
Quant Title :
QLast Update : Thu Mar 27 11:04:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.016	1238731	10.813 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

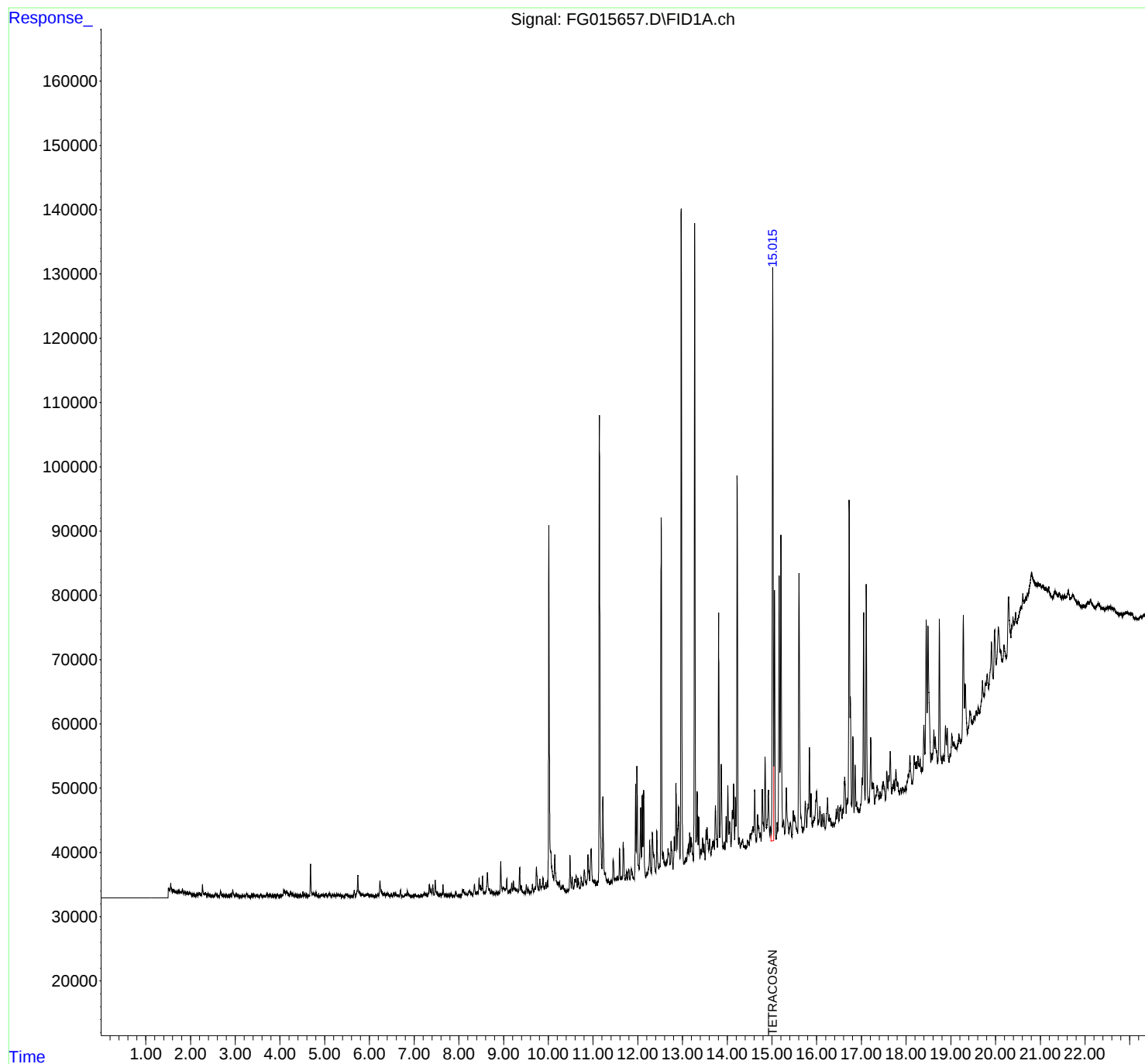
(m)=manual int.

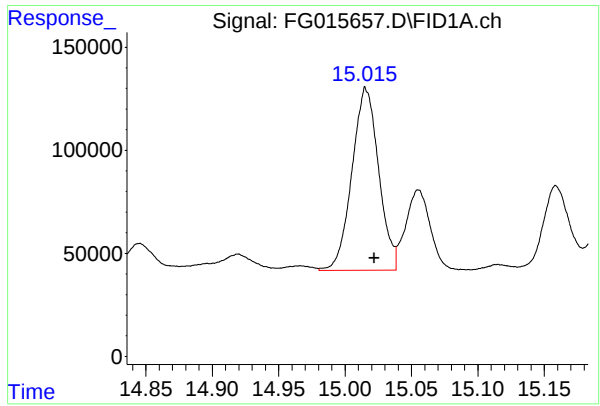
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
Data File : FG015657.D
Signal(s) : FID1A.ch
Acq On : 08 Apr 2025 15:01
Operator : YP\AJ
Sample : Q1746-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
B-149-SB01

Integration File: autoint1.e
Quant Time: Apr 09 00:29:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
Quant Title :
QLast Update : Thu Mar 27 11:04:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

Sample Results: **FG015657.D**

R.T.: 15.016 min
Delta R.T.: -0.007 min
Response: 1238731
Conc: 10.81 ug/ml

Instrument :
FID_G
ClientSampleId :
B-149-SB01

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
 Data File : FG015657.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2025 15:01
 Sample : Q1746-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.819	1.800	1.859	BV	717	8358	0.64%	0.021%
2	1.874	1.859	1.905	VV	342	3783	0.29%	0.009%
3	1.920	1.905	1.950	PV	325	3980	0.30%	0.010%
4	1.984	1.950	2.025	PV	397	7039	0.54%	0.018%
5	2.027	2.025	2.042	VV	57	531	0.04%	0.001%
6	2.059	2.042	2.069	PV	200	1711	0.13%	0.004%
7	2.072	2.069	2.079	VV	107	781	0.06%	0.002%
8	2.084	2.079	2.109	VV	148	1520	0.12%	0.004%
9	2.116	2.109	2.138	VV	125	1237	0.09%	0.003%
10	2.157	2.138	2.163	PV	167	1342	0.10%	0.003%
11	2.182	2.163	2.188	VV	234	2346	0.18%	0.006%
12	2.202	2.188	2.230	VV	468	7578	0.58%	0.019%
13	2.232	2.230	2.252	VV	238	2050	0.16%	0.005%
14	2.267	2.252	2.314	VV	1772	24953	1.90%	0.062%
15	2.326	2.314	2.376	VV	510	10370	0.79%	0.026%
16	2.395	2.376	2.414	VV	476	5577	0.43%	0.014%
17	2.420	2.414	2.438	VV	242	2340	0.18%	0.006%
18	2.443	2.438	2.471	VV	147	1821	0.14%	0.005%
19	2.476	2.471	2.492	VV	148	1209	0.09%	0.003%
20	2.496	2.492	2.514	PV	135	770	0.06%	0.002%
21	2.531	2.514	2.543	VV	134	889	0.07%	0.002%
22	2.559	2.543	2.630	VV	438	10567	0.81%	0.026%
23	2.674	2.630	2.710	VV	826	16119	1.23%	0.040%
24	2.717	2.710	2.738	VV	222	2581	0.20%	0.006%
25	2.752	2.738	2.776	VV	269	3991	0.30%	0.010%
26	2.782	2.776	2.794	VV	241	1663	0.13%	0.004%
27	2.799	2.794	2.815	VV	196	1899	0.14%	0.005%
28	2.827	2.815	2.851	VV	242	2717	0.21%	0.007%
29	2.888	2.851	2.894	VV	302	4794	0.37%	0.012%
30	2.897	2.894	2.901	VV	279	897	0.07%	0.002%
31	2.904	2.901	2.912	VV	312	1531	0.12%	0.004%
32	2.918	2.912	2.921	VV	231	1287	0.10%	0.003%
33	2.944	2.921	2.990	VV	1187	20755	1.58%	0.052%
34	3.022	2.990	3.046	VV	389	9377	0.72%	0.023%
35	3.049	3.046	3.085	VV	320	4951	0.38%	0.012%
36	3.088	3.085	3.102	VV	190	1555	0.12%	0.004%

					rters			
37	3.110	3.102	3.153	VV	238	4391	0.34%	0.011%
38	3.156	3.153	3.160	VV	160	499	0.04%	0.001%
39	3.173	3.160	3.190	VV	262	3265	0.25%	0.008%
40	3.194	3.190	3.215	VV	226	2416	0.18%	0.006%
41	3.218	3.215	3.222	VV	205	755	0.06%	0.002%
42	3.252	3.222	3.282	VV	550	12310	0.94%	0.031%
43	3.286	3.282	3.298	VV	244	1902	0.15%	0.005%
44	3.301	3.298	3.314	VV	224	1475	0.11%	0.004%
45	3.324	3.314	3.342	VV	146	1898	0.14%	0.005%
46	3.368	3.342	3.377	PV	406	4542	0.35%	0.011%
47	3.393	3.377	3.412	VV	482	6494	0.50%	0.016%
48	3.426	3.412	3.450	VV	402	5550	0.42%	0.014%
49	3.471	3.450	3.482	VV	351	4838	0.37%	0.012%
50	3.485	3.482	3.492	VV	298	1726	0.13%	0.004%
51	3.495	3.492	3.509	VV	296	2114	0.16%	0.005%
52	3.533	3.509	3.540	VV	191	2656	0.20%	0.007%
53	3.545	3.540	3.550	VV	213	784	0.06%	0.002%
54	3.567	3.550	3.591	VV	556	8227	0.63%	0.020%
55	3.595	3.591	3.620	VV	217	2464	0.19%	0.006%
56	3.630	3.620	3.638	VV	179	1460	0.11%	0.004%
57	3.649	3.638	3.665	VV	309	3393	0.26%	0.008%
58	3.671	3.665	3.683	VV	237	1647	0.13%	0.004%
59	3.707	3.683	3.733	VV	553	10513	0.80%	0.026%
60	3.743	3.733	3.754	VV	420	4152	0.32%	0.010%
61	3.758	3.754	3.773	VV	321	3023	0.23%	0.008%
62	3.782	3.773	3.815	VV	458	8259	0.63%	0.021%
63	3.843	3.815	3.862	VV	415	7703	0.59%	0.019%
64	3.866	3.862	3.870	VV	188	941	0.07%	0.002%
65	3.887	3.870	3.906	VV	511	6676	0.51%	0.017%
66	3.945	3.906	3.970	VV	461	9961	0.76%	0.025%
67	3.978	3.970	4.000	VV	309	2777	0.21%	0.007%
68	4.024	4.000	4.034	VV	324	3976	0.30%	0.010%
69	4.045	4.034	4.064	VV	438	5943	0.45%	0.015%
70	4.087	4.064	4.130	VV	1063	30308	2.31%	0.075%
71	4.150	4.130	4.194	VV	851	24696	1.88%	0.061%
72	4.197	4.194	4.201	VV	477	2064	0.16%	0.005%
73	4.205	4.201	4.217	VV	446	4055	0.31%	0.010%
74	4.236	4.217	4.270	VV	918	19037	1.45%	0.047%
75	4.284	4.270	4.307	VV	530	9190	0.70%	0.023%
76	4.311	4.307	4.333	VV	409	5082	0.39%	0.013%
77	4.335	4.333	4.361	VV	345	4510	0.34%	0.011%
78	4.388	4.361	4.396	VV	264	4365	0.33%	0.011%
79	4.408	4.396	4.417	VV	309	3216	0.25%	0.008%
80	4.422	4.417	4.434	VV	289	2326	0.18%	0.006%
81	4.453	4.434	4.469	VV	417	5723	0.44%	0.014%
82	4.473	4.469	4.478	VV	265	1251	0.10%	0.003%
83	4.514	4.478	4.531	VV	938	14062	1.07%	0.035%
84	4.553	4.531	4.575	VV	524	8985	0.69%	0.022%
85	4.589	4.575	4.614	VV	438	6580	0.50%	0.016%
86	4.627	4.614	4.656	VV	325	5799	0.44%	0.014%
87	4.683	4.656	4.717	VV	5175	65917	5.03%	0.164%
88	4.721	4.717	4.736	VV	587	6178	0.47%	0.015%
89	4.749	4.736	4.783	VV	638	13685	1.04%	0.034%

					rt	Area	%Area	%Area
90	4.801	4.783	4.845	VV	796	16200	1.24%	0.040%
91	4.856	4.845	4.862	VV	289	2298	0.18%	0.006%
92	4.866	4.862	4.894	VV	568	4420	0.34%	0.011%
93	4.941	4.894	4.964	VV	457	12416	0.95%	0.031%
94	4.968	4.964	4.974	VV	308	1894	0.14%	0.005%
95	4.979	4.974	5.003	VV	399	5145	0.39%	0.013%
96	5.027	5.003	5.059	VV	603	11615	0.89%	0.029%
97	5.097	5.059	5.143	VV	617	21047	1.61%	0.052%
98	5.144	5.143	5.156	VV	278	1693	0.13%	0.004%
99	5.175	5.156	5.212	VV	520	11161	0.85%	0.028%
100	5.221	5.212	5.252	VV	375	7637	0.58%	0.019%
101	5.269	5.252	5.287	VV	546	7738	0.59%	0.019%
102	5.294	5.287	5.327	VV	417	7653	0.58%	0.019%
103	5.340	5.327	5.380	VV	432	8885	0.68%	0.022%
104	5.400	5.380	5.415	VV	240	2677	0.20%	0.007%
105	5.420	5.415	5.425	VV	154	656	0.05%	0.002%
106	5.437	5.425	5.448	VV	219	1903	0.15%	0.005%
107	5.473	5.448	5.496	VV	490	10009	0.76%	0.025%
108	5.502	5.496	5.524	VV	409	5764	0.44%	0.014%
109	5.538	5.524	5.550	VV	314	3128	0.24%	0.008%
110	5.560	5.550	5.613	VV	177	5148	0.39%	0.013%
111	5.626	5.613	5.638	PV	254	2262	0.17%	0.006%
112	5.662	5.638	5.687	VV	1127	16088	1.23%	0.040%
113	5.690	5.687	5.697	VV	240	1133	0.09%	0.003%
114	5.742	5.697	5.805	VV	3444	69937	5.34%	0.174%
115	5.808	5.805	5.812	VV	434	1880	0.14%	0.005%
116	5.842	5.812	5.883	VV	551	17329	1.32%	0.043%
117	5.890	5.883	5.895	VV	289	1688	0.13%	0.004%
118	5.927	5.895	5.942	VV	625	10158	0.78%	0.025%
119	5.971	5.942	5.998	VV	541	13386	1.02%	0.033%
120	6.002	5.998	6.018	VV	300	3303	0.25%	0.008%
121	6.040	6.018	6.063	VV	440	7498	0.57%	0.019%
122	6.070	6.063	6.087	VV	251	2550	0.19%	0.006%
123	6.096	6.087	6.102	VV	249	1462	0.11%	0.004%
124	6.107	6.102	6.112	VV	163	758	0.06%	0.002%
125	6.138	6.112	6.159	VV	289	5237	0.40%	0.013%
126	6.176	6.159	6.182	VV	332	3066	0.23%	0.008%
127	6.189	6.182	6.208	VV	384	5060	0.39%	0.013%
128	6.236	6.208	6.305	VV	2597	59776	4.56%	0.149%
129	6.310	6.305	6.318	VV	423	2957	0.23%	0.007%
130	6.335	6.318	6.369	VV	643	12535	0.96%	0.031%
131	6.385	6.369	6.393	VV	538	6356	0.49%	0.016%
132	6.411	6.393	6.435	VV	633	11955	0.91%	0.030%
133	6.437	6.435	6.443	VV	379	1112	0.08%	0.003%
134	6.463	6.443	6.477	VV	337	5372	0.41%	0.013%
135	6.485	6.477	6.495	VV	466	3839	0.29%	0.010%
136	6.500	6.495	6.504	VV	333	1544	0.12%	0.004%
137	6.509	6.504	6.524	VV	334	2900	0.22%	0.007%
138	6.541	6.524	6.578	VV	735	14027	1.07%	0.035%
139	6.595	6.578	6.632	VV	534	10583	0.81%	0.026%
140	6.638	6.632	6.643	VV	321	1639	0.13%	0.004%
141	6.646	6.643	6.675	VV	321	4156	0.32%	0.010%

					rteres			
457	21.139	21.133	21.144	VV	9875	66913	5.11%	0.166%
458	21.148	21.144	21.164	VV	9594	112958	8.62%	0.281%
459	21.190	21.164	21.258	VV	9809	492270	37.57%	1.224%
460	21.262	21.258	21.287	VV	7808	133281	10.17%	0.331%
461	21.329	21.287	21.383	VV	8123	435045	33.20%	1.082%
462	21.387	21.383	21.391	VV	6894	32115	2.45%	0.080%
463	21.428	21.391	21.466	VV	7092	299196	22.83%	0.744%
464	21.491	21.466	21.522	VV	6105	197957	15.11%	0.492%
465	21.540	21.522	21.562	VV	5711	132347	10.10%	0.329%
466	21.621	21.562	21.671	VV	5841	334677	25.54%	0.832%
467	21.725	21.671	21.827	VV	4403	337315	25.74%	0.839%
468	21.849	21.827	21.941	VV	2394	109901	8.39%	0.273%
469	21.980	21.941	22.009	VV	760	26344	2.01%	0.066%
470	22.061	22.009	22.077	VV	483	17920	1.37%	0.045%
471	22.082	22.077	22.094	VV	427	2689	0.21%	0.007%
Sum of corrected areas:						40214206		

FG032725.M Wed Apr 09 00:58:16 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
Data File : FG015658.D
Signal(s) : FID1A.ch
Acq On : 08 Apr 2025 15:30
Operator : YP\AJ
Sample : Q1746-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
B-149-SB02

Integration File: autoint1.e
Quant Time: Apr 09 00:30:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
Quant Title :
QLast Update : Thu Mar 27 11:04:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.015	2096320	18.298 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

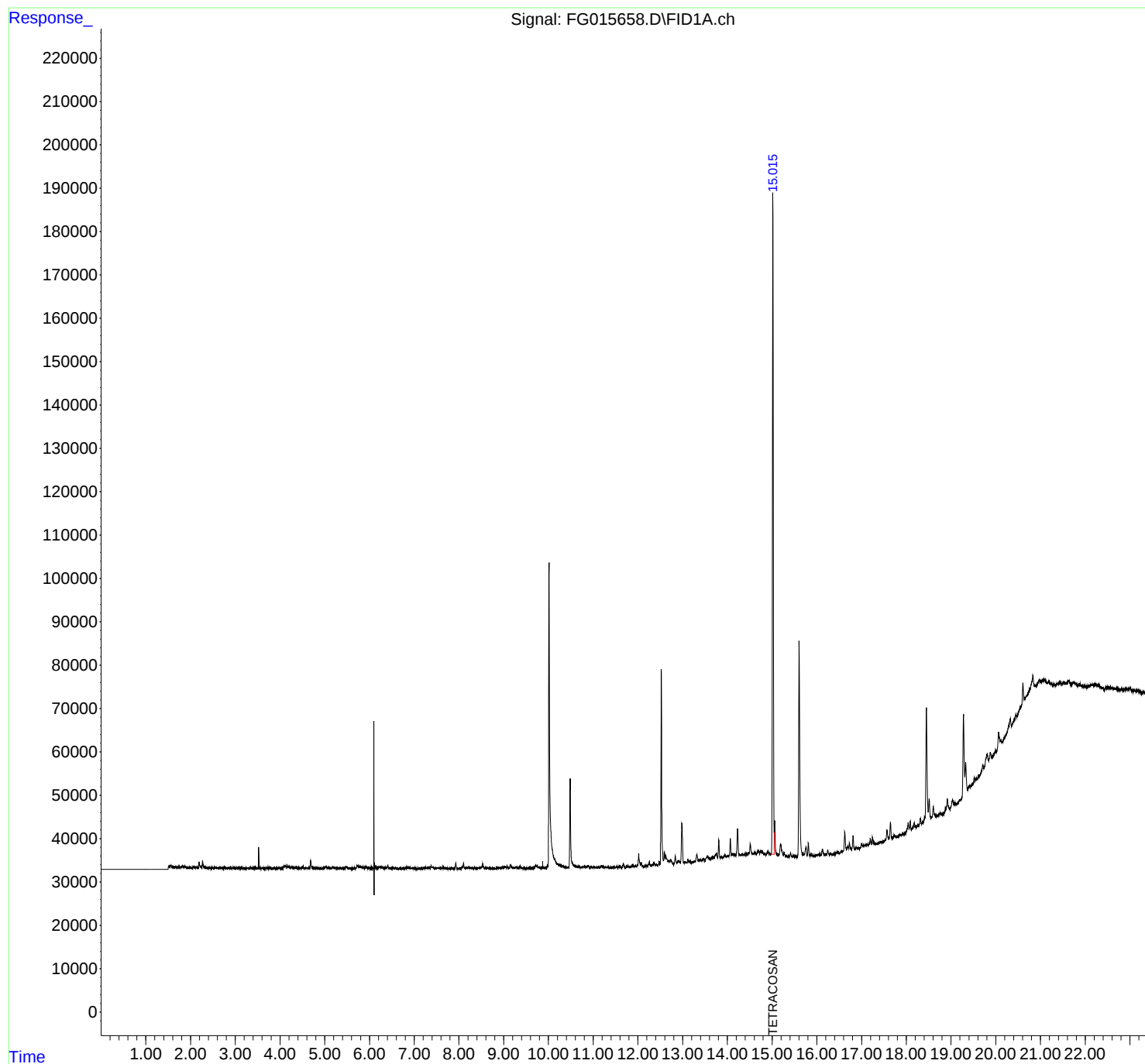
(m)=manual int.

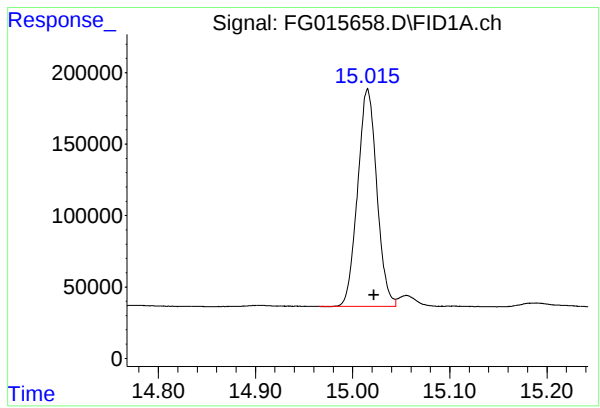
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
Data File : FG015658.D
Signal(s) : FID1A.ch
Acq On : 08 Apr 2025 15:30
Operator : YP\AJ
Sample : Q1746-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
B-149-SB02

Integration File: autoint1.e
Quant Time: Apr 09 00:30:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
Quant Title :
QLast Update : Thu Mar 27 11:04:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

Sample Results: **FG015658.D**

R.T.: 15.015 min
Delta R.T.: -0.007 min
Response: 2096320
Conc: 18.30 ug/ml

Instrument :
FID_G
ClientSampleId :
B-149-SB02

A
B
C
D
E
F
G
H
I
J

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
 Data File : FG015658.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2025 15:30
 Sample : Q1746-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.825	1.800	1.862	BV	364	3009	0.13%	0.014%
2	1.875	1.862	1.903	PV	414	3687	0.16%	0.017%
3	1.907	1.903	1.922	PV	123	689	0.03%	0.003%
4	1.927	1.922	1.959	VV	194	1762	0.08%	0.008%
5	1.962	1.959	1.968	VV	70	474	0.02%	0.002%
6	1.981	1.968	2.025	VV	166	3270	0.14%	0.015%
7	2.034	2.025	2.044	PV	76	688	0.03%	0.003%
8	2.059	2.044	2.085	PV	273	4109	0.18%	0.019%
9	2.088	2.085	2.119	VV	198	2312	0.10%	0.011%
10	2.122	2.119	2.132	VV	172	801	0.04%	0.004%
11	2.143	2.132	2.147	VV	184	1009	0.04%	0.005%
12	2.154	2.147	2.162	VV	157	899	0.04%	0.004%
13	2.169	2.162	2.175	VV	113	677	0.03%	0.003%
14	2.189	2.175	2.224	VV	1450	19978	0.88%	0.094%
15	2.228	2.224	2.245	VV	303	2610	0.12%	0.012%
16	2.267	2.245	2.304	VV	1724	22696	1.00%	0.106%
17	2.309	2.304	2.335	VV	312	3753	0.17%	0.018%
18	2.351	2.335	2.371	VV	178	2935	0.13%	0.014%
19	2.378	2.371	2.385	VV	109	740	0.03%	0.003%
20	2.390	2.385	2.397	VV	142	858	0.04%	0.004%
21	2.402	2.397	2.431	VV	180	1894	0.08%	0.009%
22	2.436	2.431	2.463	VV	131	1721	0.08%	0.008%
23	2.467	2.463	2.485	PV	126	883	0.04%	0.004%
24	2.489	2.485	2.503	VV	102	645	0.03%	0.003%
25	2.539	2.503	2.544	VV	149	2190	0.10%	0.010%
26	2.554	2.544	2.561	VV	149	991	0.04%	0.005%
27	2.564	2.561	2.578	VV	135	861	0.04%	0.004%
28	2.603	2.578	2.611	VV	180	2085	0.09%	0.010%
29	2.618	2.611	2.630	VV	153	1266	0.06%	0.006%
30	2.637	2.630	2.645	VV	113	800	0.04%	0.004%
31	2.652	2.645	2.664	VV	179	986	0.04%	0.005%
32	2.683	2.664	2.698	VV	172	2289	0.10%	0.011%
33	2.703	2.698	2.724	VV	149	1499	0.07%	0.007%
34	2.731	2.724	2.740	VV	114	770	0.03%	0.004%
35	2.742	2.740	2.747	VV	142	384	0.02%	0.002%
36	2.768	2.747	2.786	PV	227	3019	0.13%	0.014%

rteres									
352	19.411	19.367	19.428	VV	1611	53141	2.34%	0.249%	
353	19.518	19.428	19.536	VV	2604	102490	4.52%	0.481%	
354	19.559	19.536	19.575	VV	1903	42037	1.85%	0.197%	
355	19.616	19.575	19.633	VV	2264	63464	2.80%	0.298%	
356	19.708	19.633	19.728	VV	3875	149932	6.61%	0.704%	
357	19.806	19.728	19.837	VV	5426	268382	11.83%	1.259%	
358	19.879	19.837	19.901	VV	5039	161702	7.13%	0.759%	
359	19.997	19.901	20.010	VV	4466	256341	11.30%	1.203%	
360	20.063	20.010	20.098	VV	8086	306768	13.53%	1.439%	
361	20.107	20.098	20.134	VV	5807	118545	5.23%	0.556%	
362	20.324	20.134	20.357	VV	8720	863396	38.07%	4.051%	
363	20.449	20.357	20.472	VV	8789	536867	23.67%	2.519%	
364	20.607	20.472	20.644	VV	14490	1021255	45.03%	4.792%	
365	20.678	20.644	20.689	VV	10897	287990	12.70%	1.351%	
366	20.830	20.689	20.863	VV	14078	1249103	55.08%	5.861%	
367	20.877	20.863	20.897	VV	11538	231786	10.22%	1.088%	
368	20.968	20.897	21.017	VV	11765	822880	36.28%	3.861%	
369	21.070	21.017	21.157	VV	11017	879419	38.78%	4.127%	
370	21.187	21.157	21.323	VV	9676	856575	37.77%	4.019%	
371	21.433	21.323	21.473	VV	7061	637732	28.12%	2.992%	
372	21.484	21.473	21.493	VV	6348	75464	3.33%	0.354%	
373	21.511	21.493	21.547	VV	6341	195685	8.63%	0.918%	
374	21.554	21.547	21.587	VV	5827	135383	5.97%	0.635%	
375	21.635	21.587	21.686	VV	5629	309872	13.66%	1.454%	
376	21.749	21.686	21.835	VV	4381	342222	15.09%	1.606%	
377	21.877	21.835	21.917	VV	2668	120915	5.33%	0.567%	
378	21.941	21.917	21.971	VV	1636	50531	2.23%	0.237%	
379	21.992	21.971	22.023	VV	1199	31622	1.39%	0.148%	
380	22.056	22.023	22.073	VV	601	14695	0.65%	0.069%	
381	22.078	22.073	22.087	VV	318	2096	0.09%	0.010%	
382	22.090	22.087	22.096	VV	210	926	0.04%	0.004%	
Sum of corrected areas:					21311487				

FG032725.M Wed Apr 09 00:58:56 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
Data File : FG015653.D
Signal(s) : FID1A.ch
Acq On : 08 Apr 2025 12:50
Operator : YP\AJ
Sample : PB167510BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB167510BL

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
Quant Time: Apr 09 00:28:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
Quant Title :
QLast Update : Thu Mar 27 11:04:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.016	1859144	16.228 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

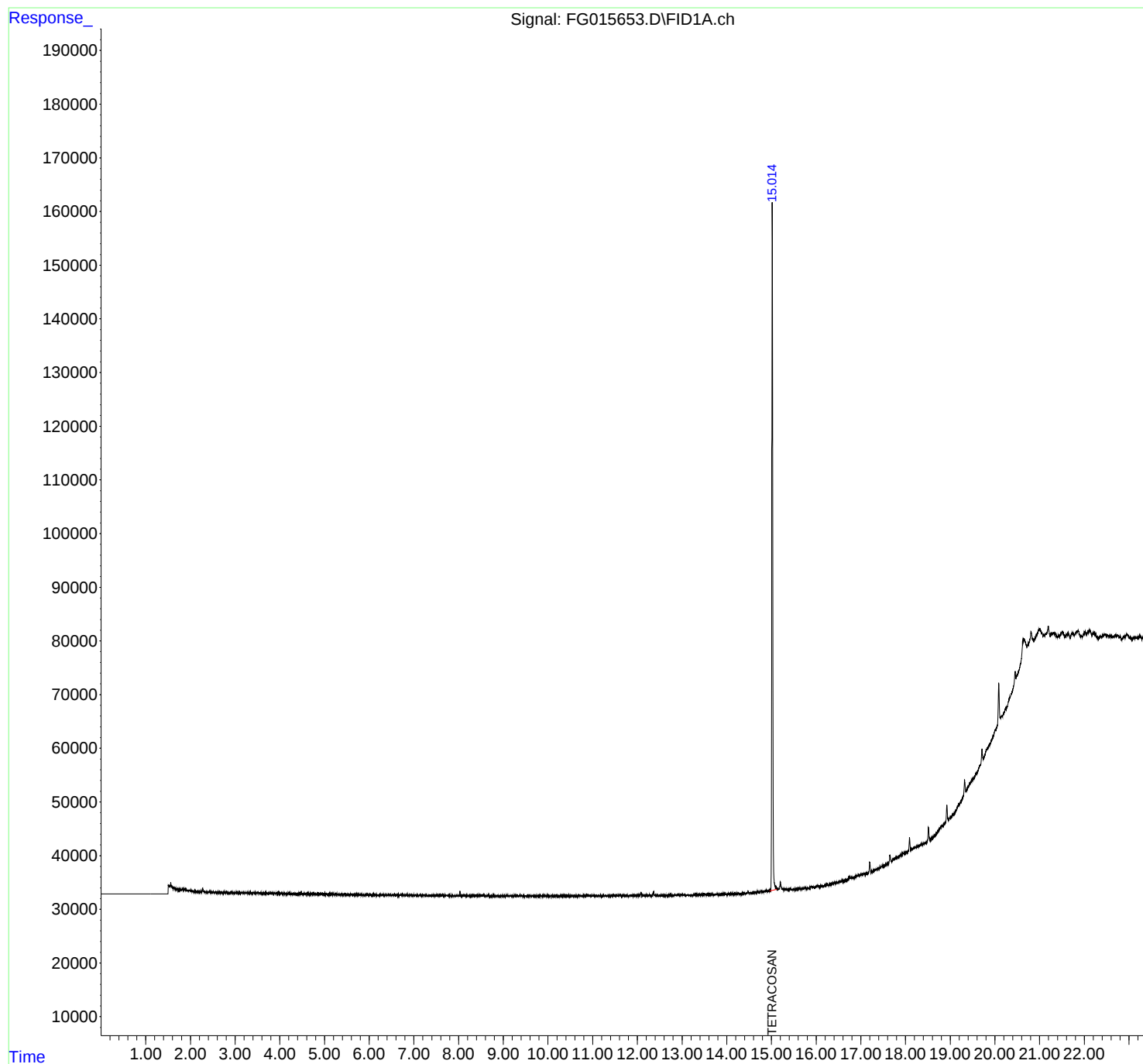
(m)=manual int.

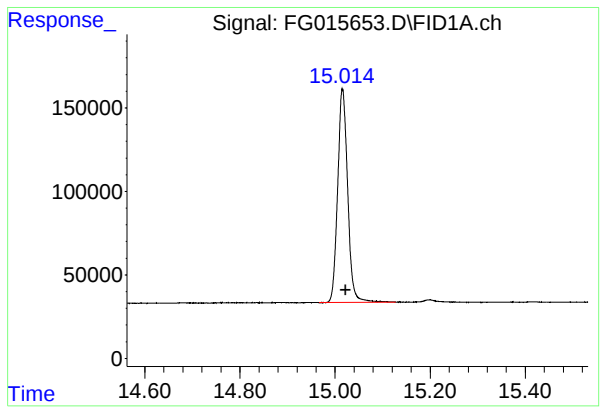
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
Data File : FG015653.D
Signal(s) : FID1A.ch
Acq On : 08 Apr 2025 12:50
Operator : YP\AJ
Sample : PB167510BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB167510BL

Integration File: autoint1.e
Quant Time: Apr 09 00:28:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
Quant Title :
QLast Update : Thu Mar 27 11:04:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

Sample Results: **FG015653.D**

R.T.: 15.016 min
Delta R.T.: -0.007 min
Response: 1859144
Conc: 16.23 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167510BL

A
B
C
D
E
F
G
H
I
J

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
Data File : FG015653.D
Signal(s) : FID1A.ch
Acq On : 08 Apr 2025 12:50
Sample : PB167510BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.016	14.966	15.128	BB	127487	1859144	100.00%	100.000%
Sum of corrected areas:						1859144		

FG032725.M Wed Apr 09 00:53:31 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
 Data File : FG015654.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2025 13:20
 Operator : YP\AJ
 Sample : PB167510BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB167510BS

Integration File: autoint1.e
 Quant Time: Apr 09 00:28:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 11:04:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.016	1982793	17.307 ug/ml
Target Compounds			
1) N-OCTANE	1.985	1456042	12.527 ug/ml
2) N-DECANE	4.514	1869252	15.823 ug/ml
3) N-DODECANE	6.696	2011798	16.568 ug/ml
4) N-TETRADECANE	8.533	2031077	16.107 ug/ml
5) N-HEXADECANE	10.148	2142178	16.637 ug/ml
6) N-OCTADECANE	11.596	2272281	17.248 ug/ml
7) N-EICOSANE	12.912	2251158	16.812 ug/ml
8) N-DOCOSANE	14.114	2241118	17.246 ug/ml
10) N-TETRACOSANE	15.221	2263252	17.473 ug/ml
11) N-HEXACOSANE	16.246	2187317	17.186 ug/ml
12) N-OCTACOSANE	17.199	2146273	17.170 ug/ml
13) N-TRIACONTANE	18.089	2066980	16.513 ug/ml
14) N-DOTRIACONTANE	18.924	1673205	14.099 ug/ml
15) N-TETRATRIACONTANE	19.707	1046920	10.030 ug/ml
16) N-HEXATRIACONTANE	20.450	683798	7.802 ug/ml
17) N-OCTATRIACONTANE	21.194	543786	7.286 ug/ml
18) N-TETRACONTANE	22.120	506549	7.647 ug/ml

(f)=RT Delta > 1/2 Window

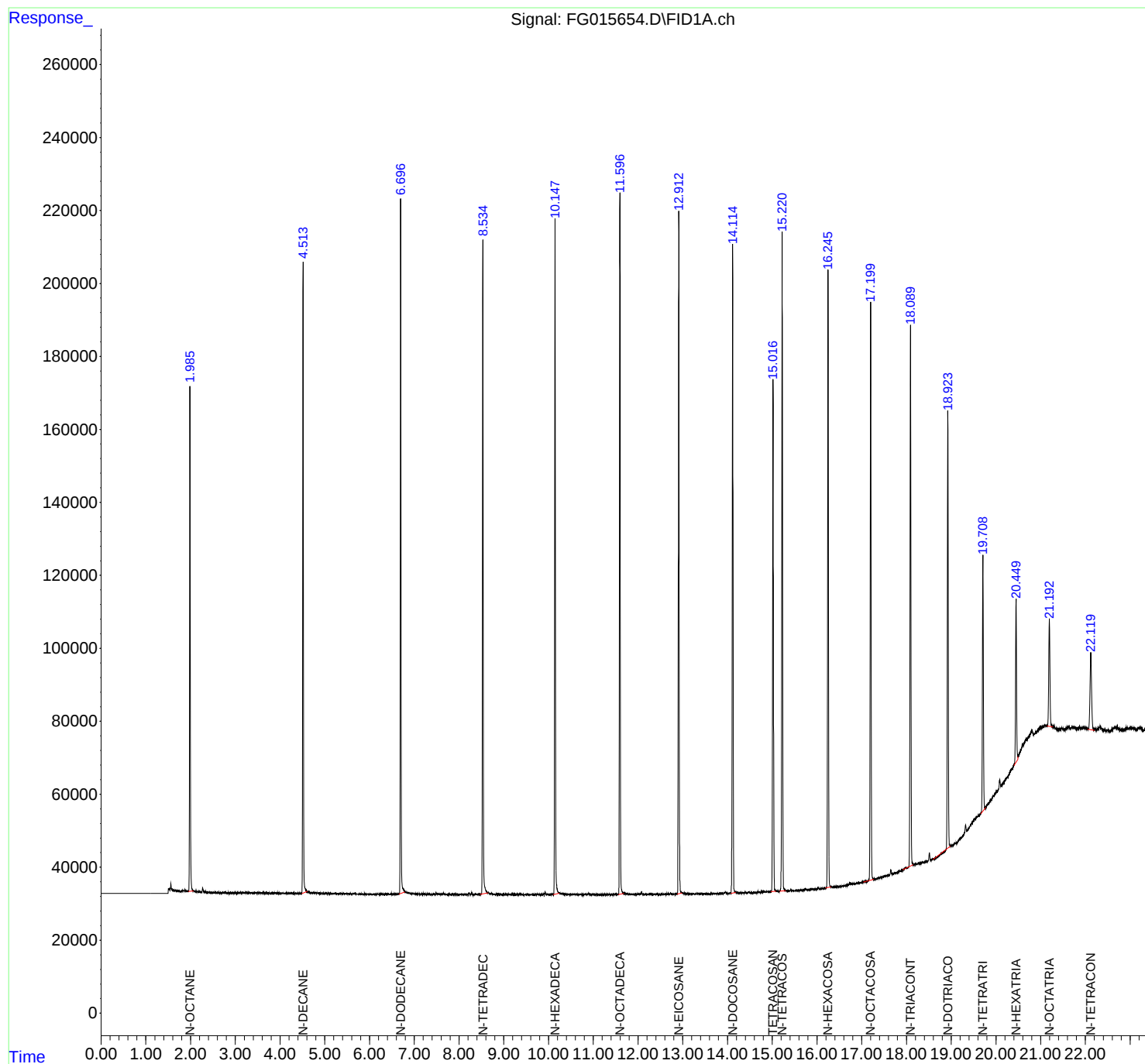
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
Data File : FG015654.D
Signal(s) : FID1A.ch
Acq On : 08 Apr 2025 13:20
Operator : YP\AJ
Sample : PB167510BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB167510BS

Integration File: autoint1.e
Quant Time: Apr 09 00:28:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
Quant Title :
QLast Update : Thu Mar 27 11:04:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
 Data File : FG015654.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2025 13:20
 Sample : PB167510BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.985	1.943	2.067	BB	138224	1456042	64.08%	4.641%
2	4.514	4.484	4.606	BB	173040	1869252	82.26%	5.958%
3	6.696	6.658	6.793	BB	189485	2011798	88.54%	6.412%
4	8.533	8.468	8.644	BB	178198	2031077	89.38%	6.473%
5	10.148	10.106	10.241	BB	184880	2142178	94.27%	6.827%
6	11.596	11.560	11.679	BB	192306	2272281	100.00%	7.242%
7	12.912	12.873	12.988	BB	186932	2251158	99.07%	7.175%
8	14.114	14.075	14.183	BB	177499	2241118	98.63%	7.143%
9	15.016	14.965	15.091	BB	140099	1982793	87.26%	6.320%
10	15.221	15.158	15.302	BB	180436	2263252	99.60%	7.213%
11	16.246	16.197	16.316	BB	169258	2187317	96.26%	6.971%
12	17.199	17.046	17.273	BB	158487	2146273	94.45%	6.841%
13	18.089	17.914	18.153	BB	147827	2066980	90.96%	6.588%
14	18.924	18.601	18.986	BB	119367	1673205	73.64%	5.333%
15	19.707	19.660	19.764	BV	70209	1046920	46.07%	3.337%
16	20.450	20.400	20.493	BV	44745	683798	30.09%	2.179%
17	21.194	21.140	21.268	BB	29187	543786	23.93%	1.733%
18	22.120	22.049	22.197	BB	21134	506549	22.29%	1.614%
Sum of corrected areas:						31375775		

FG032725.M Wed Apr 09 00:54:34 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
 Data File : FG015659.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2025 15:59
 Operator : YP\AJ
 Sample : Q1744-03MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 B-158-SB02MS

Integration File: autoint1.e
 Quant Time: Apr 09 00:30:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 11:04:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.014	1325739	11.572 ug/ml
Target Compounds			
1) N-OCTANE	1.985	1493139	12.846 ug/ml
2) N-DECANE	4.513	1745219	14.773 ug/ml
3) N-DODECANE	6.696	1875048	15.442 ug/ml
4) N-TETRADECANE	8.532	1932341	15.324 ug/ml
5) N-HEXADECANE	10.146	2110395	16.390 ug/ml
6) N-OCTADECANE	11.595	2232897	16.949 ug/ml
7) N-EICOSANE	12.910	2223860	16.608 ug/ml
8) N-DOCOSANE	14.113	2201270	16.940 ug/ml
10) N-TETRACOSANE	15.219	2264399	17.482 ug/ml
11) N-HEXACOSANE	16.244	2143852	16.844 ug/ml
12) N-OCTACOSANE	17.196	2110410	16.883 ug/ml
13) N-TRIACONTANE	18.086	2033911	16.249 ug/ml
14) N-DOTRIACONTANE	18.921	1723189	14.520 ug/ml
15) N-TETRATRIACONTANE	19.706	1038234	9.947 ug/ml
16) N-HEXATRIACONTANE	20.447	652010	7.439 ug/ml
17) N-OCTATRIACONTANE	21.191	549184	7.359 ug/ml
18) N-TETRACONTANE	22.115	538506	8.130 ug/ml

(f)=RT Delta > 1/2 Window

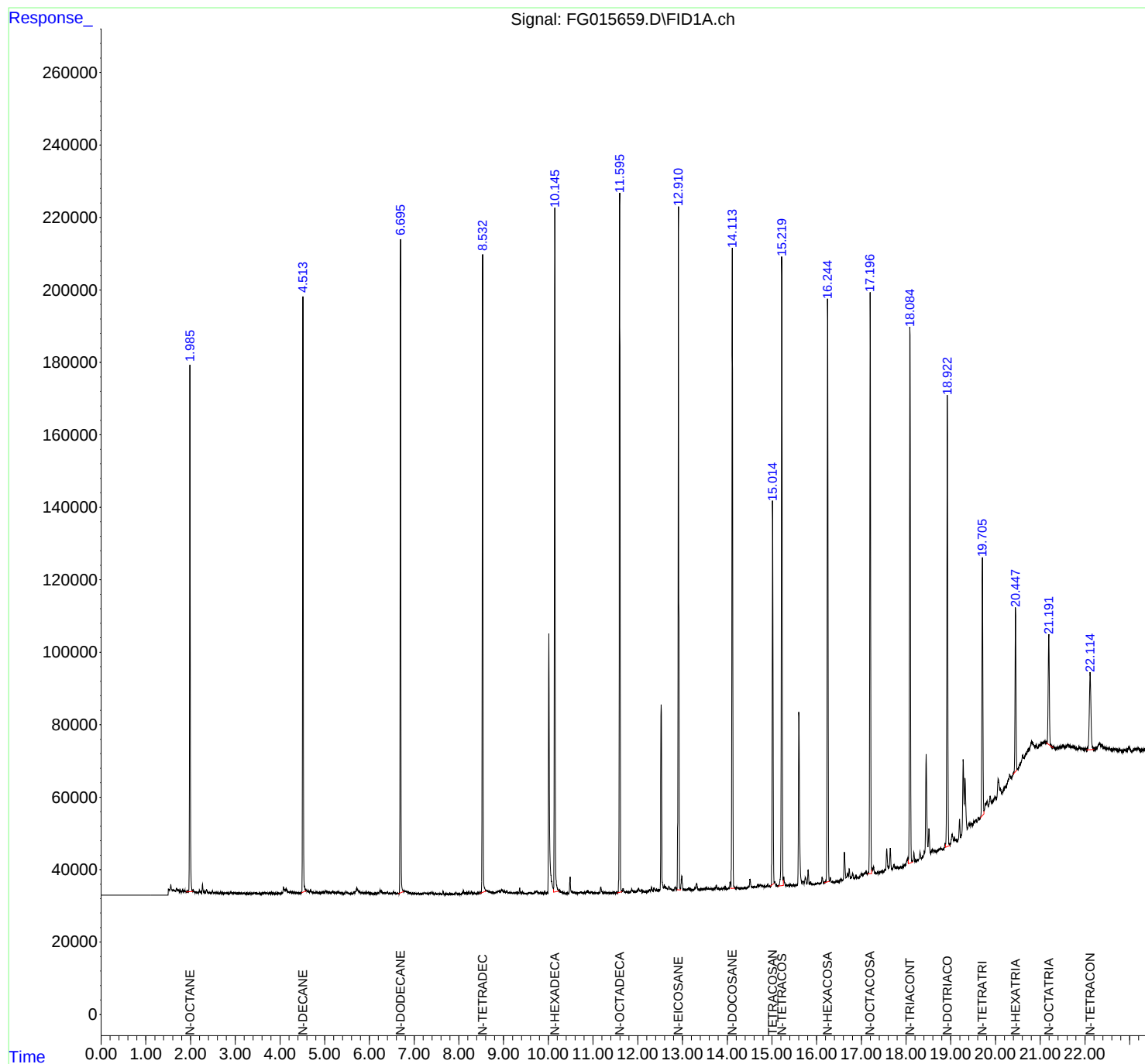
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
Data File : FG015659.D
Signal(s) : FID1A.ch
Acq On : 08 Apr 2025 15:59
Operator : YP\AJ
Sample : Q1744-03MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
B-158-SB02MS

Integration File: autoint1.e
Quant Time: Apr 09 00:30:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
Quant Title :
QLast Update : Thu Mar 27 11:04:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
 Data File : FG015659.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2025 15:59
 Sample : Q1744-03MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.823	1.800	1.850	BV	625	6361	0.28%	0.013%
2	1.855	1.850	1.859	VV	124	605	0.03%	0.001%
3	1.875	1.859	1.901	VV	498	5406	0.24%	0.011%
4	1.926	1.901	1.953	PV	325	4786	0.21%	0.010%
5	1.985	1.953	2.054	VV	145221	1504283	65.99%	3.050%
6	2.062	2.054	2.108	VV	484	7786	0.34%	0.016%
7	2.116	2.108	2.134	VV	226	1798	0.08%	0.004%
8	2.141	2.134	2.148	VV	153	784	0.03%	0.002%
9	2.154	2.148	2.161	VV	159	784	0.03%	0.002%
10	2.164	2.161	2.177	VV	77	653	0.03%	0.001%
11	2.199	2.177	2.245	PV	557	8290	0.36%	0.017%
12	2.267	2.245	2.308	VV	2473	30717	1.35%	0.062%
13	2.312	2.308	2.320	VV	303	1406	0.06%	0.003%
14	2.323	2.320	2.336	VV	146	1442	0.06%	0.003%
15	2.356	2.336	2.408	VV	1028	17496	0.77%	0.035%
16	2.426	2.408	2.471	VV	218	3517	0.15%	0.007%
17	2.489	2.471	2.538	VV	633	9772	0.43%	0.020%
18	2.560	2.538	2.586	VV	219	3699	0.16%	0.008%
19	2.590	2.586	2.596	VV	196	680	0.03%	0.001%
20	2.601	2.596	2.605	VV	138	598	0.03%	0.001%
21	2.610	2.605	2.617	VV	175	721	0.03%	0.001%
22	2.621	2.617	2.652	VV	155	1624	0.07%	0.003%
23	2.675	2.652	2.702	PV	406	6172	0.27%	0.013%
24	2.703	2.702	2.713	VV	167	658	0.03%	0.001%
25	2.717	2.713	2.726	VV	162	616	0.03%	0.001%
26	2.751	2.726	2.759	VV	176	1762	0.08%	0.004%
27	2.764	2.759	2.777	VV	182	1335	0.06%	0.003%
28	2.781	2.777	2.796	VV	132	1242	0.05%	0.003%
29	2.802	2.796	2.833	VV	97	1167	0.05%	0.002%
30	2.840	2.833	2.849	VV	161	851	0.04%	0.002%
31	2.856	2.849	2.863	VV	113	649	0.03%	0.001%
32	2.885	2.863	2.890	VV	255	2410	0.11%	0.005%
33	2.900	2.890	2.908	VV	307	2628	0.12%	0.005%
34	2.910	2.908	2.924	VV	316	2062	0.09%	0.004%
35	2.930	2.924	2.935	VV	231	1230	0.05%	0.002%
36	2.939	2.935	2.963	VV	204	2982	0.13%	0.006%

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37	2.973	2.963	2.998	VV	361	5043	0.22%	0.010%
38	3.002	2.998	3.015	VV	155	1207	0.05%	0.002%
39	3.019	3.015	3.037	VV	151	1294	0.06%	0.003%
40	3.041	3.037	3.047	VV	167	741	0.03%	0.002%
41	3.053	3.047	3.068	VV	223	1694	0.07%	0.003%
42	3.074	3.068	3.085	VV	218	1111	0.05%	0.002%
43	3.096	3.085	3.101	VV	187	934	0.04%	0.002%
44	3.106	3.101	3.117	VV	203	1408	0.06%	0.003%
45	3.125	3.117	3.142	VV	252	2526	0.11%	0.005%
46	3.145	3.142	3.157	VV	204	1117	0.05%	0.002%
47	3.162	3.157	3.167	VV	174	678	0.03%	0.001%
48	3.178	3.167	3.192	VV	188	2185	0.10%	0.004%
49	3.197	3.192	3.224	VV	162	2136	0.09%	0.004%
50	3.228	3.224	3.238	VV	107	638	0.03%	0.001%
51	3.250	3.238	3.305	VV	239	3480	0.15%	0.007%
52	3.332	3.305	3.338	PV	178	1383	0.06%	0.003%
53	3.360	3.338	3.371	VV	126	1890	0.08%	0.004%
54	3.388	3.371	3.394	VV	203	1895	0.08%	0.004%
55	3.413	3.394	3.444	VV	280	6359	0.28%	0.013%
56	3.461	3.444	3.477	VV	238	3153	0.14%	0.006%
57	3.481	3.477	3.496	VV	166	1533	0.07%	0.003%
58	3.505	3.496	3.517	VV	189	1306	0.06%	0.003%
59	3.531	3.517	3.577	VV	201	3985	0.17%	0.008%
60	3.582	3.577	3.589	VV	140	727	0.03%	0.001%
61	3.597	3.589	3.614	VV	156	1853	0.08%	0.004%
62	3.618	3.614	3.625	VV	208	1164	0.05%	0.002%
63	3.645	3.625	3.661	VV	320	4945	0.22%	0.010%
64	3.668	3.661	3.687	VV	213	2805	0.12%	0.006%
65	3.707	3.687	3.731	VV	291	5324	0.23%	0.011%
66	3.735	3.731	3.742	VV	187	874	0.04%	0.002%
67	3.751	3.742	3.768	VV	246	2126	0.09%	0.004%
68	3.782	3.768	3.792	VV	156	1567	0.07%	0.003%
69	3.815	3.792	3.843	VV	337	5495	0.24%	0.011%
70	3.846	3.843	3.854	VV	187	917	0.04%	0.002%
71	3.864	3.854	3.887	VV	188	1987	0.09%	0.004%
72	3.892	3.887	3.908	VV	167	1001	0.04%	0.002%
73	3.910	3.908	3.926	VV	152	963	0.04%	0.002%
74	3.938	3.926	3.957	VV	234	2676	0.12%	0.005%
75	3.966	3.957	3.975	VV	261	2143	0.09%	0.004%
76	3.978	3.975	3.984	VV	211	949	0.04%	0.002%
77	3.987	3.984	3.992	VV	164	679	0.03%	0.001%
78	3.997	3.992	4.001	VV	187	694	0.03%	0.001%
79	4.005	4.001	4.021	VV	123	1051	0.05%	0.002%
80	4.023	4.021	4.044	VV	204	1596	0.07%	0.003%
81	4.079	4.044	4.113	VV	1803	40720	1.79%	0.083%
82	4.129	4.113	4.191	VV	1250	42801	1.88%	0.087%
83	4.195	4.191	4.216	VV	575	7594	0.33%	0.015%
84	4.238	4.216	4.277	VV	625	17437	0.76%	0.035%
85	4.292	4.277	4.324	VV	508	10299	0.45%	0.021%
86	4.333	4.324	4.373	VV	410	9551	0.42%	0.019%
87	4.389	4.373	4.396	VV	344	3821	0.17%	0.008%
88	4.400	4.396	4.439	VV	291	6354	0.28%	0.013%
89	4.443	4.439	4.449	VV	246	1516	0.07%	0.003%

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457	19.812	19.790	19.840	VV	5633	144408	6.33%	0.293%	
458	19.880	19.840	19.909	VV	6487	208708	9.16%	0.423%	
459	19.987	19.909	20.018	VV	5325	305590	13.41%	0.620%	
460	20.059	20.018	20.097	VV	9700	342991	15.05%	0.696%	
461	20.110	20.097	20.149	VV	6538	180731	7.93%	0.366%	
462	20.317	20.149	20.360	VV	8693	855077	37.51%	1.734%	
463	20.447	20.360	20.485	VV	53593	1270191	55.72%	2.576%	
464	20.606	20.485	20.630	VV	11667	854860	37.50%	1.734%	
465	20.802	20.630	20.878	VV	13610	1804349	79.15%	3.659%	
466	20.913	20.878	20.939	VV	11753	418847	18.37%	0.849%	
467	21.118	20.939	21.144	VV	11054	1362281	59.76%	2.762%	
468	21.191	21.144	21.343	VV	39841	1604326	70.38%	3.253%	
469	21.353	21.343	21.362	VV	7333	83099	3.65%	0.169%	
470	21.429	21.362	21.459	VV	7051	409708	17.97%	0.831%	
471	21.494	21.459	21.540	VV	6737	318312	13.96%	0.645%	
472	21.560	21.540	21.570	VV	5973	108306	4.75%	0.220%	
473	21.621	21.570	21.712	VV	6159	468752	20.56%	0.951%	
474	21.742	21.712	21.841	VV	4614	306165	13.43%	0.621%	
475	21.872	21.841	21.914	VV	3291	130071	5.71%	0.264%	
476	21.926	21.914	21.982	VV	2526	90455	3.97%	0.183%	
477	22.009	21.982	22.039	VV	1745	54605	2.40%	0.111%	
478	22.116	22.039	22.200	VBA	21609	612202	26.86%	1.241%	
Sum of corrected areas:							49313685		

FG032725.M Wed Apr 09 01:00:30 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
 Data File : FG015660.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2025 16:29
 Operator : YP\AJ
 Sample : Q1744-03MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

B-158-SB02MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/09/2025

Supervised By :mohammad ahmed 04/10/2025

Integration File: autoint1.e
 Quant Time: Apr 09 00:30:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 11:04:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.015	1290276	11.262 ug/ml
Target Compounds			
1) N-OCTANE	1.985	1472007	12.665 ug/ml
2) N-DECANE	4.514	1725884	14.609 ug/ml
3) N-DODECANE	6.695	1839542	15.149 ug/ml
4) N-TETRADECANE	8.531	1899758	15.065 ug/ml
5) N-HEXADECANE	10.146	2065474	16.042 ug/ml
6) N-OCTADECANE	11.595	2186088	16.594 ug/ml
7) N-EICOSANE	12.910	2171823	16.220 ug/ml
8) N-DOCOSANE	14.112	2148215	16.532 ug/ml
10) N-TETRACOSANE	15.219	2203087	17.009 ug/ml
11) N-HEXACOSANE	16.243	2092627	16.442 ug/ml
12) N-OCTACOSANE	17.197	2043462	16.347 ug/mlm
13) N-TRIACONTANE	18.088	2013757	16.088 ug/ml
14) N-DOTRIACONTANE	18.922	1746857	14.719 ug/ml
15) N-TETRATRIACONTANE	19.705	1055803	10.115 ug/ml
16) N-HEXATRIACONTANE	20.448	683943	7.804 ug/ml
17) N-OCTATRIACONTANE	21.190	548815	7.354 ug/ml
18) N-TETRACONTANE	22.115	519899	7.849 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
Data File : FG015660.D
Signal(s) : FID1A.ch
Acq On : 08 Apr 2025 16:29
Operator : YP\AJ
Sample : Q1744-03MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

B-158-SB02MSD

Manual Integrations

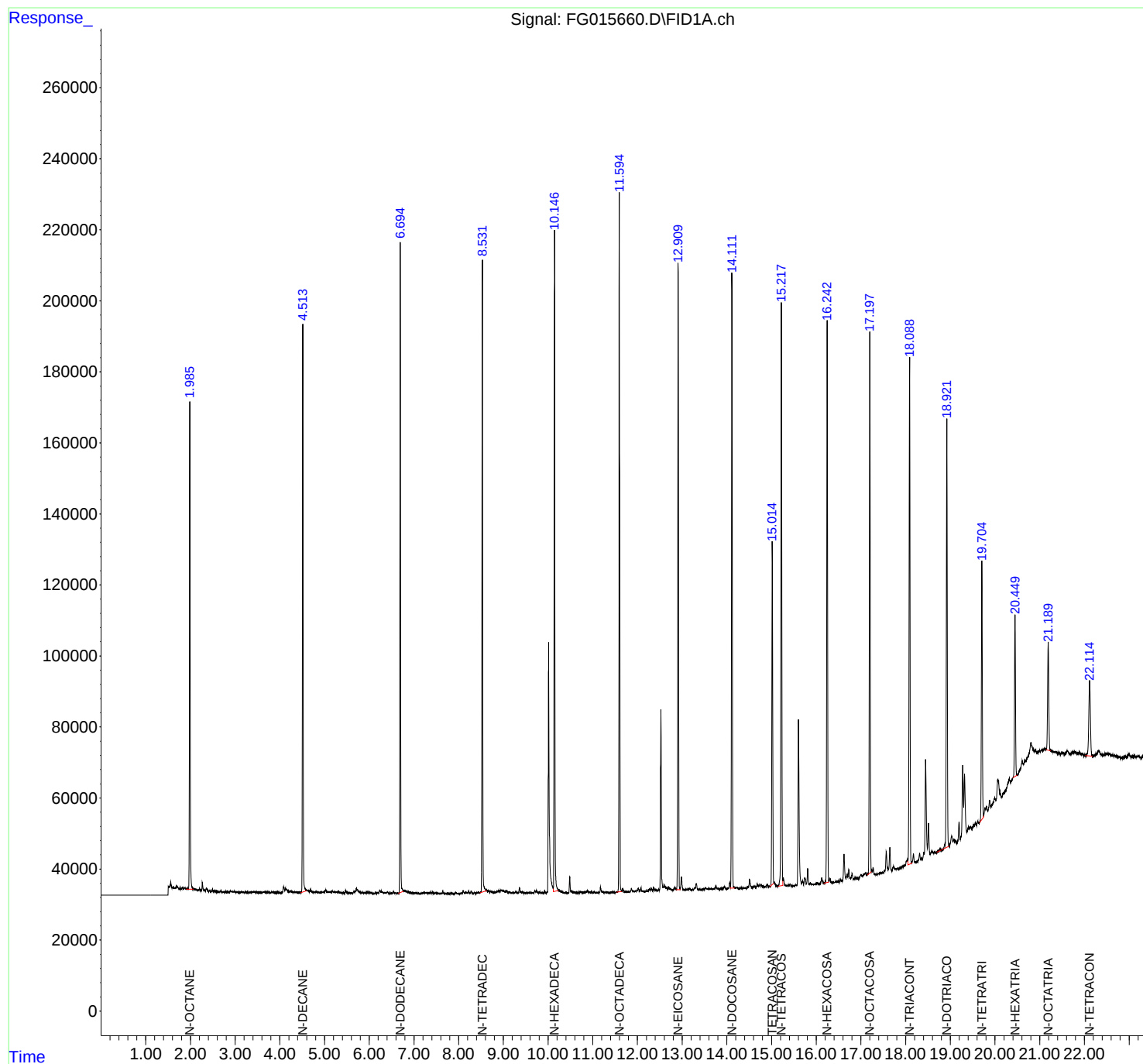
APPROVED

Reviewed By :Yogesh Patel 04/09/2025

Supervised By :mohammad ahmed 04/10/2025

Integration File: autoint1.e
Quant Time: Apr 09 00:30:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
Quant Title :
Qlast Update : Thu Mar 27 11:04:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um



Instrument :

FID_G

ClientSampleId :

B-158-SB02MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/09/2025

Supervised By :mohammad ahmed 04/10/2025

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG04082
 Data File : FG015660.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2025 16:29
 Sample : Q1744-03MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.823	1.800	1.857	BV	495	4906	0.22%	0.010%
2	1.877	1.857	1.903	PV	462	5614	0.25%	0.012%
3	1.925	1.903	1.931	PV	330	2753	0.12%	0.006%
4	1.936	1.931	1.954	VV	337	2435	0.11%	0.005%
5	1.985	1.954	2.072	VV	137559	1479897	66.64%	3.056%
6	2.075	2.072	2.110	VV	347	3984	0.18%	0.008%
7	2.113	2.110	2.151	VV	164	1983	0.09%	0.004%
8	2.157	2.151	2.163	VV	87	319	0.01%	0.001%
9	2.167	2.163	2.184	VV	127	802	0.04%	0.002%
10	2.200	2.184	2.251	PV	474	7488	0.34%	0.015%
11	2.266	2.251	2.302	VV	2375	27653	1.25%	0.057%
12	2.308	2.302	2.336	VV	209	2513	0.11%	0.005%
13	2.357	2.336	2.410	VV	941	15658	0.71%	0.032%
14	2.423	2.410	2.470	VV	230	3672	0.17%	0.008%
15	2.489	2.470	2.547	PV	671	10743	0.48%	0.022%
16	2.556	2.547	2.599	VV	251	3504	0.16%	0.007%
17	2.613	2.599	2.647	VV	160	1932	0.09%	0.004%
18	2.673	2.647	2.701	PV	294	5328	0.24%	0.011%
19	2.706	2.701	2.710	VV	81	431	0.02%	0.001%
20	2.715	2.710	2.732	VV	136	886	0.04%	0.002%
21	2.761	2.732	2.769	VV	187	2132	0.10%	0.004%
22	2.783	2.769	2.791	PV	297	2152	0.10%	0.004%
23	2.799	2.791	2.819	VV	167	1823	0.08%	0.004%
24	2.825	2.819	2.831	PV	147	628	0.03%	0.001%
25	2.847	2.831	2.857	VV	215	1855	0.08%	0.004%
26	2.861	2.857	2.870	VV	146	913	0.04%	0.002%
27	2.890	2.870	2.897	VV	326	3506	0.16%	0.007%
28	2.900	2.897	2.908	VV	278	1555	0.07%	0.003%
29	2.914	2.908	2.933	VV	261	3453	0.16%	0.007%
30	2.939	2.933	2.953	VV	287	2659	0.12%	0.005%
31	2.971	2.953	3.002	VV	375	7081	0.32%	0.015%
32	3.006	3.002	3.016	VV	253	1141	0.05%	0.002%
33	3.022	3.016	3.029	VV	169	866	0.04%	0.002%
34	3.066	3.029	3.076	VV	249	3986	0.18%	0.008%
35	3.082	3.076	3.091	PV	128	866	0.04%	0.002%
36	3.095	3.091	3.113	VV	192	1690	0.08%	0.003%

Instrument : FID_G									
ClientSampleId : B-158-SB02MSD									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 04/09/2025									
Supervised By :mohammad ahmed 04/10/2025									
					rtures				
37	3.126	3.113	3.164	VV	242	4856	0.22%	0.010%	
38	3.172	3.164	3.230	VV	193	4442			
39	3.251	3.230	3.294	VV	204	4154			
40	3.303	3.294	3.315	VV	98	822			
41	3.329	3.315	3.336	VV	143	936			
42	3.355	3.336	3.365	VV	178	1958			
43	3.384	3.365	3.401	VV	216	3291	0.15%	0.007%	
44	3.408	3.401	3.441	VV	222	5230	0.24%	0.011%	
45	3.448	3.441	3.472	VV	186	3087	0.14%	0.006%	
46	3.476	3.472	3.487	VV	181	1305	0.06%	0.003%	
47	3.494	3.487	3.514	VV	186	1974	0.09%	0.004%	
48	3.524	3.514	3.537	VV	158	1277	0.06%	0.003%	
49	3.544	3.537	3.557	VV	139	1052	0.05%	0.002%	
50	3.566	3.557	3.576	VV	147	1030	0.05%	0.002%	
51	3.589	3.576	3.599	VV	134	1211	0.05%	0.003%	
52	3.607	3.599	3.613	VV	150	979	0.04%	0.002%	
53	3.647	3.613	3.691	VV	291	8788	0.40%	0.018%	
54	3.707	3.691	3.732	VV	274	4411	0.20%	0.009%	
55	3.742	3.732	3.797	VV	176	4805	0.22%	0.010%	
56	3.813	3.797	3.865	VV	264	6394	0.29%	0.013%	
57	3.874	3.865	3.920	VV	185	2877	0.13%	0.006%	
58	3.942	3.920	3.957	VV	191	2531	0.11%	0.005%	
59	3.967	3.957	4.042	VV	209	4762	0.21%	0.010%	
60	4.081	4.042	4.112	VV	1820	37392	1.68%	0.077%	
61	4.131	4.112	4.211	VV	1267	48176	2.17%	0.099%	
62	4.237	4.211	4.274	VV	629	17124	0.77%	0.035%	
63	4.287	4.274	4.320	VV	488	9881	0.44%	0.020%	
64	4.341	4.320	4.414	VV	397	14452	0.65%	0.030%	
65	4.418	4.414	4.427	VV	277	1821	0.08%	0.004%	
66	4.433	4.427	4.450	VV	241	2863	0.13%	0.006%	
67	4.458	4.450	4.476	VV	248	2968	0.13%	0.006%	
68	4.514	4.476	4.624	VV	160361	1768085	79.61%	3.651%	
69	4.633	4.624	4.656	VV	727	11110	0.50%	0.023%	
70	4.685	4.656	4.756	VV	1254	33953	1.53%	0.070%	
71	4.764	4.756	4.785	VV	311	5024	0.23%	0.010%	
72	4.797	4.785	4.814	VV	398	5443	0.25%	0.011%	
73	4.825	4.814	4.894	VV	416	12430	0.56%	0.026%	
74	4.911	4.894	4.924	VV	297	4576	0.21%	0.009%	
75	4.940	4.924	4.960	VV	392	6222	0.28%	0.013%	
76	4.991	4.960	5.002	VV	411	7896	0.36%	0.016%	
77	5.026	5.002	5.062	VV	909	20184	0.91%	0.042%	
78	5.071	5.062	5.082	VV	432	4446	0.20%	0.009%	
79	5.094	5.082	5.134	VV	424	11331	0.51%	0.023%	
80	5.175	5.134	5.207	VV	586	17452	0.79%	0.036%	
81	5.224	5.207	5.253	VV	474	10237	0.46%	0.021%	
82	5.270	5.253	5.287	VV	371	7211	0.32%	0.015%	
83	5.307	5.287	5.412	VV	580	19087	0.86%	0.039%	
84	5.424	5.412	5.447	VV	221	2863	0.13%	0.006%	
85	5.471	5.447	5.509	VV	603	13792	0.62%	0.028%	
86	5.514	5.509	5.584	VV	342	7030	0.32%	0.015%	
87	5.594	5.584	5.616	PV	95	1093	0.05%	0.002%	
88	5.656	5.616	5.673	VV	651	9315	0.42%	0.019%	
89	5.711	5.673	5.832	VV	1477	62431	2.81%	0.129%	

							Instrument : FID_G		
							ClientSampleId : B-158-SB02MSD		
90	5.853	5.832	5.879	VV	413	7348	0.33%	0.015%	A
91	5.894	5.879	5.904	VV	222	2948	Manual IntegrationsAPPROVED		B
92	5.926	5.904	5.939	VV	429	6061			C
93	5.949	5.939	5.967	VV	477	5694	Reviewed By :Yogesh Patel 04/09/2025		
94	5.979	5.967	5.997	VV	338	4810	Supervised By :mohammad ahmed 04/10/2025		D
95	6.007	5.997	6.022	VV	263	3596			
96	6.034	6.022	6.089	VV	324	5478	0.25%	0.011%	E
97	6.135	6.089	6.159	PV	279	5487	0.25%	0.011%	
98	6.176	6.159	6.192	VV	257	4051	0.18%	0.008%	F
99	6.236	6.192	6.261	VV	987	22582	1.02%	0.047%	
100	6.268	6.261	6.326	VV	779	16716	0.75%	0.035%	G
101	6.336	6.326	6.349	VV	306	3600	0.16%	0.007%	H
102	6.359	6.349	6.368	VV	307	2727	0.12%	0.006%	
103	6.406	6.368	6.456	VV	564	15418	0.69%	0.032%	I
104	6.462	6.456	6.475	VV	145	1670	0.08%	0.003%	
105	6.506	6.475	6.519	VV	236	4821	0.22%	0.010%	J
106	6.537	6.519	6.611	VV	699	17416	0.78%	0.036%	
107	6.619	6.611	6.664	VV	272	5111	0.23%	0.011%	
108	6.695	6.664	6.781	VV	182138	1873758	84.37%	3.870%	
109	6.794	6.781	6.832	VV	885	23548	1.06%	0.049%	
110	6.846	6.832	6.936	VV	688	27126	1.22%	0.056%	
111	6.943	6.936	6.959	VV	338	3746	0.17%	0.008%	
112	6.970	6.959	7.022	VV	329	8655	0.39%	0.018%	
113	7.030	7.022	7.039	VV	234	2035	0.09%	0.004%	
114	7.053	7.039	7.087	VV	216	4884	0.22%	0.010%	
115	7.097	7.087	7.126	VV	257	3225	0.15%	0.007%	
116	7.156	7.126	7.190	VV	230	5160	0.23%	0.011%	
117	7.216	7.190	7.229	VV	426	7275	0.33%	0.015%	
118	7.237	7.229	7.259	VV	419	6042	0.27%	0.012%	
119	7.277	7.259	7.303	VV	342	6623	0.30%	0.014%	
120	7.333	7.303	7.359	VV	324	8516	0.38%	0.018%	
121	7.377	7.359	7.402	VV	555	9947	0.45%	0.021%	
122	7.417	7.402	7.462	VV	376	8689	0.39%	0.018%	
123	7.476	7.462	7.509	VV	356	5538	0.25%	0.011%	
124	7.526	7.509	7.572	VV	255	5777	0.26%	0.012%	
125	7.589	7.572	7.612	VV	199	2770	0.12%	0.006%	
126	7.647	7.612	7.699	VV	980	13994	0.63%	0.029%	
127	7.714	7.699	7.724	PV	128	1269	0.06%	0.003%	
128	7.732	7.724	7.751	VV	120	1119	0.05%	0.002%	
129	7.774	7.751	7.805	VV	138	2969	0.13%	0.006%	
130	7.827	7.805	7.841	VV	205	2374	0.11%	0.005%	
131	7.849	7.841	7.867	VV	123	1075	0.05%	0.002%	
132	7.874	7.867	7.884	PV	121	539	0.02%	0.001%	
133	7.930	7.884	7.958	VV	546	8832	0.40%	0.018%	
134	7.989	7.958	8.012	VV	206	3510	0.16%	0.007%	
135	8.019	8.012	8.051	VV	121	1912	0.09%	0.004%	
136	8.103	8.051	8.142	VV	978	22574	1.02%	0.047%	
137	8.178	8.142	8.201	VV	436	11510	0.52%	0.024%	
138	8.222	8.201	8.247	VV	857	12283	0.55%	0.025%	
139	8.278	8.247	8.332	VV	777	15045	0.68%	0.031%	
140	8.352	8.332	8.373	VV	315	4924	0.22%	0.010%	
141	8.437	8.373	8.459	VV	438	12825	0.58%	0.026%	

142	8.466	8.459	8.474	VV	301	2566	0.12%	0.005%
143	8.531	8.474	8.666	VV	178047	1973063	88.72%	2.234%
144	8.674	8.666	8.702	VV	697	13255	0.53%	0.043%
145	8.716	8.702	8.806	VV	627	28434	0.22%	0.039%
146	8.833	8.806	8.844	VV	473	9603	0.49%	0.083%
147	8.894	8.844	8.921	VV	946	30920	0.31%	0.043%
148	8.951	8.921	9.001	VV	1056	40028	0.26%	0.039%
149	9.009	9.001	9.053	VV	764	20669	0.37%	0.043%
150	9.072	9.053	9.109	VV	905	18671	0.48%	0.039%
151	9.125	9.109	9.135	VV	371	5260	0.71%	0.011%
152	9.146	9.135	9.199	VV	443	11573	0.38%	0.024%
153	9.223	9.199	9.249	VV	308	8019	0.38%	0.017%
154	9.280	9.249	9.319	VV	480	13409	0.36%	0.028%
155	9.362	9.319	9.387	VV	1636	25593	0.64%	0.053%
156	9.395	9.387	9.402	VV	444	3289	0.14%	0.007%
157	9.413	9.402	9.467	VV	408	10200	0.40%	0.021%
158	9.508	9.467	9.527	VV	206	4596	0.45%	0.009%
159	9.550	9.527	9.556	VV	318	3652	0.87%	0.008%
160	9.587	9.556	9.624	VV	300	9692	0.31%	0.020%
161	9.643	9.624	9.679	VV	282	5663	0.50%	0.012%
162	9.705	9.679	9.724	VV	738	12954	0.57%	0.027%
163	9.742	9.724	9.771	VV	693	14432	0.48%	0.030%
164	9.781	9.771	9.795	VV	355	4156	0.85%	0.009%
165	9.826	9.795	9.849	VV	346	7779	0.44%	0.016%
166	9.872	9.849	9.897	VV	227	4562	0.50%	0.009%
167	9.924	9.897	9.951	VV	865	10169	0.85%	0.021%
168	10.014	9.951	10.116	VV	70583	1081966	48.72%	2.234%
169	10.146	10.116	10.244	VV	185170	2117104	95.33%	4.372%
170	10.251	10.244	10.286	VV	910	17109	0.53%	0.035%
171	10.299	10.286	10.416	VV	563	20131	0.28%	0.042%
172	10.419	10.416	10.448	VV	149	1561	0.96%	0.003%
173	10.487	10.448	10.524	VV	4552	63042	2.84%	0.130%
174	10.532	10.524	10.559	VV	519	7743	0.67%	0.016%
175	10.586	10.559	10.613	VV	369	7813	0.47%	0.016%
176	10.622	10.613	10.647	VV	242	3225	0.75%	0.007%
177	10.664	10.647	10.690	VV	230	3401	0.68%	0.007%
178	10.718	10.690	10.754	PV	439	9731	0.45%	0.020%
179	10.766	10.754	10.799	VV	239	6049	0.39%	0.012%
180	10.816	10.799	10.831	VV	304	4180	0.72%	0.009%
181	10.846	10.831	10.872	VV	417	9108	0.45%	0.019%
182	10.887	10.872	10.909	VV	831	11050	0.75%	0.023%
183	10.923	10.909	10.938	VV	321	4132	0.77%	0.009%
184	10.961	10.938	10.988	VV	430	8146	0.53%	0.017%
185	10.995	10.988	11.017	VV	251	3190	0.79%	0.007%
186	11.032	11.017	11.092	VV	362	6759	0.54%	0.014%
187	11.110	11.092	11.141	VV	237	4027	0.59%	0.008%
188	11.174	11.141	11.248	VV	1744	36744	1.65%	0.076%
189	11.272	11.248	11.292	VV	242	4638	0.52%	0.010%
190	11.315	11.292	11.334	VV	237	4491	0.53%	0.009%
191	11.343	11.334	11.386	VV	208	3545	0.59%	0.007%
192	11.408	11.386	11.430	PV	264	4596	0.60%	0.009%
193	11.460	11.430	11.499	VV	303	6379	0.47%	0.013%
194	11.530	11.499	11.549	VV	284	5007	0.57%	0.010%

Instrument :

FID_G

ClientSampleId :

B-158-SB02MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/09/2025

Supervised By :mohammad ahmed 04/10/2025

Instrument : FID_G ClientSampleId : B-158-SB02MSD									
195	11.595	11.549	11.653	VV	196918	2203410	99.21%	4.550%	A
196	11.672	11.653	11.732	VV	1237	24980	Manual IntegrationsAPPROVED		
197	11.751	11.732	11.774	VV	287	5256			
198	11.787	11.774	11.808	VV	320	4020	Reviewed By :Yogesh Patel 04/09/2025		
199	11.863	11.808	11.926	PV	1037	30785	Supervised By :mohammad ahmed 04/10/2025		
200	11.948	11.926	11.964	VV	363	6391			
201	12.017	11.964	12.055	VV	1165	31243	1.41%	0.065%	E
202	12.077	12.055	12.097	VV	1236	16655	0.75%	0.034%	F
203	12.106	12.097	12.166	VV	344	8692	0.39%	0.018%	G
204	12.205	12.166	12.222	VV	225	3879	0.17%	0.008%	H
205	12.264	12.222	12.284	VV	667	15072	0.68%	0.031%	I
206	12.306	12.284	12.339	VV	997	20324	0.92%	0.042%	J
207	12.365	12.339	12.404	VV	1097	23601	1.06%	0.049%	
208	12.423	12.404	12.449	VV	607	10259	0.46%	0.021%	
209	12.474	12.449	12.494	VV	576	9895	0.45%	0.020%	
210	12.524	12.494	12.572	VV	51365	623558	28.08%	1.288%	
211	12.591	12.572	12.609	VV	1849	30377	1.37%	0.063%	
212	12.619	12.609	12.671	VV	1452	35069	1.58%	0.072%	
213	12.697	12.671	12.719	VV	1240	25699	1.16%	0.053%	
214	12.732	12.719	12.790	VV	773	20359	0.92%	0.042%	
215	12.835	12.790	12.873	VV	1107	28920	1.30%	0.060%	
216	12.910	12.873	12.957	VV	176323	2188855	98.56%	4.520%	
217	12.983	12.957	13.074	VV	3898	80224	3.61%	0.166%	
218	13.161	13.074	13.205	VV	525	25443	1.15%	0.053%	
219	13.234	13.205	13.245	VV	226	3536	0.16%	0.007%	
220	13.276	13.245	13.289	VV	692	10252	0.46%	0.021%	
221	13.316	13.289	13.387	VV	1802	39418	1.77%	0.081%	
222	13.398	13.387	13.414	VV	186	2135	0.10%	0.004%	
223	13.420	13.414	13.449	VV	162	2961	0.13%	0.006%	
224	13.467	13.449	13.487	VV	324	4664	0.21%	0.010%	
225	13.524	13.487	13.564	VV	651	16910	0.76%	0.035%	
226	13.594	13.564	13.619	VV	366	8944	0.40%	0.018%	
227	13.650	13.619	13.670	VV	365	6829	0.31%	0.014%	
228	13.699	13.670	13.721	VV	325	5977	0.27%	0.012%	
229	13.755	13.721	13.788	VV	1214	22284	1.00%	0.046%	
230	13.804	13.788	13.827	VV	289	5030	0.23%	0.010%	
231	13.878	13.827	13.891	VV	302	5421	0.24%	0.011%	
232	13.951	13.891	14.006	VV	707	21857	0.98%	0.045%	
233	14.064	14.006	14.079	VV	2017	30956	1.39%	0.064%	
234	14.112	14.079	14.203	VV	173343	2167266	97.59%	4.476%	
235	14.222	14.203	14.287	VV	503	10676	0.48%	0.022%	
236	14.327	14.287	14.352	PV	224	5098	0.23%	0.011%	
237	14.397	14.352	14.430	VV	174	5349	0.24%	0.011%	
238	14.473	14.430	14.482	VV	414	5856	0.26%	0.012%	
239	14.509	14.482	14.572	VV	2416	49063	2.21%	0.101%	
240	14.611	14.572	14.651	VV	403	12804	0.58%	0.026%	
241	14.677	14.651	14.696	VV	933	15275	0.69%	0.032%	
242	14.707	14.696	14.716	VV	540	6302	0.28%	0.013%	
243	14.738	14.716	14.761	VV	1028	18162	0.82%	0.038%	
244	14.777	14.761	14.829	VV	665	16000	0.72%	0.033%	
245	14.838	14.829	14.859	VV	250	3626	0.16%	0.007%	
246	14.902	14.859	14.943	VV	685	17938	0.81%	0.037%	

Instrument : FID_G									
ClientSampleId : B-158-SB02MSD									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 04/09/2025									
Supervised By :mohammad ahmed 04/10/2025									
	rteres								
247	14.956	14.943	14.976	VV	250	4163	0.19%	0.009%	A
248	15.015	14.976	15.051	VV	96984	1322033	59.17%	1.613%	B
249	15.064	15.051	15.094	VV	1384	24820	1.97%	0.090%	C
250	15.102	15.094	15.142	VV	462	8455	0.07%	0.003%	D
251	15.219	15.142	15.252	VV	163250	2220892	100.00%	4.364%	E
252	15.264	15.252	15.344	VV	2572	48800	2.29%	0.013%	F
253	15.372	15.344	15.392	VV	380	6396	0.29%	0.013%	G
254	15.412	15.392	15.456	VV	594	8044	0.36%	0.017%	H
255	15.488	15.456	15.499	PV	114	1610	0.07%	0.003%	I
256	15.541	15.499	15.567	VV	418	4408	0.20%	0.009%	J
257	15.601	15.567	15.676	VV	46741	781025	35.17%	1.613%	
258	15.696	15.676	15.719	VV	1294	22184	1.00%	0.046%	
259	15.743	15.719	15.778	VV	2023	43798	1.97%	0.090%	
260	15.808	15.778	15.843	VV	4683	68286	3.07%	0.141%	
261	15.869	15.843	15.946	VV	413	13721	0.62%	0.028%	
262	15.994	15.946	16.008	PV	281	5397	0.24%	0.011%	
263	16.033	16.008	16.072	VV	271	7734	0.35%	0.016%	
264	16.122	16.072	16.175	VV	1785	35505	1.60%	0.073%	
265	16.243	16.175	16.287	VV	155041	2113217	95.15%	4.364%	
266	16.306	16.287	16.361	VV	1454	24078	1.08%	0.050%	
267	16.373	16.361	16.400	VV	231	2807	0.13%	0.006%	
268	16.437	16.400	16.467	PV	310	6728	0.30%	0.014%	
269	16.539	16.467	16.587	VV	581	19034	0.86%	0.039%	
270	16.620	16.587	16.664	VV	7679	138123	6.22%	0.285%	
271	16.691	16.664	16.707	VV	1633	32731	1.47%	0.068%	
272	16.728	16.707	16.773	VV	3069	56015	2.52%	0.116%	
273	16.801	16.773	16.847	VV	1853	31789	1.43%	0.066%	
274	16.866	16.847	16.911	VV	483	9636	0.43%	0.020%	
275	16.926	16.911	16.939	VV	165	1594	0.07%	0.003%	
276	16.995	16.939	17.033	PV	966	25792	1.16%	0.053%	
277	17.104	17.033	17.142	VV	1148	48748	2.19%	0.101%	
278	17.197	17.142	17.232	VV	153241	2083301	93.80%	4.302%	
279	17.244	17.232	17.257	VV	1623	21371	0.96%	0.044%	
280	17.274	17.257	17.305	VV	2105	31582	1.42%	0.065%	
281	17.317	17.305	17.334	VV	296	3305	0.15%	0.007%	
282	17.346	17.334	17.364	VV	150	1712	0.08%	0.004%	
283	17.437	17.364	17.452	PV	301	4830	0.22%	0.010%	
284	17.481	17.452	17.499	VV	197	3031	0.14%	0.006%	
285	17.566	17.499	17.611	VV	5781	114604	5.16%	0.237%	
286	17.646	17.611	17.691	VV	6628	107339	4.83%	0.222%	
287	17.730	17.691	17.762	VV	1189	26010	1.17%	0.054%	
288	17.770	17.762	17.787	VV	388	3992	0.18%	0.008%	
289	17.801	17.787	17.837	VV	320	5660	0.25%	0.012%	
290	18.042	17.837	18.052	PV	1873	60522	2.73%	0.125%	
291	18.088	18.052	18.142	VV	143237	2022134	91.05%	4.176%	
292	18.174	18.142	18.234	VV	2638	45107	2.03%	0.093%	
293	18.312	18.234	18.337	PV	2058	32512	1.46%	0.067%	
294	18.364	18.337	18.379	PV	313	4211	0.19%	0.009%	
295	18.406	18.379	18.419	VV	1906	25651	1.15%	0.053%	
296	18.447	18.419	18.486	VV	27489	486268	21.90%	1.004%	
297	18.510	18.486	18.549	VV	9457	159206	7.17%	0.329%	
298	18.575	18.549	18.592	VV	1112	21504	0.97%	0.044%	
299	18.605	18.592	18.622	VV	837	13125	0.59%	0.027%	

							Instrument : FID_G		
							ClientSampleId : B-158-SB02MSD		
300	18.640	18.622	18.672	VV	517	11631	0.52%	0.024%	A
							Manual IntegrationsAPPROVED		B
301	18.721	18.672	18.737	VV	489	10491	0.52%	0.024%	C
302	18.765	18.737	18.794	VV	651	16734	0.52%	0.024%	D
303	18.811	18.794	18.836	VV	374	6096	0.52%	0.024%	E
304	18.921	18.836	18.979	PV	120984	1758539	79.52%	3.024%	F
305	19.028	18.979	19.057	VV	2632	68379	3.02%	0.113%	G
									H
306	19.077	19.057	19.100	VV	1313	25456	1.15%	0.053%	I
307	19.113	19.100	19.141	VV	706	9277	0.42%	0.019%	J
308	19.194	19.141	19.221	PV	5403	80773	3.64%	0.167%	
309	19.276	19.221	19.298	VV	20695	368170	16.58%	0.760%	
310	19.318	19.298	19.369	VV	17955	368907	16.61%	0.762%	
311	19.410	19.369	19.430	VV	2296	68102	3.07%	0.141%	
312	19.451	19.430	19.477	VV	2128	49604	2.23%	0.102%	
313	19.515	19.477	19.533	VV	2068	52180	2.35%	0.108%	
314	19.561	19.533	19.586	VV	2277	58543	2.64%	0.121%	
315	19.613	19.586	19.636	VV	2403	54835	2.47%	0.113%	
316	19.705	19.636	19.746	VV	73795	1181691	53.21%	2.440%	
317	19.775	19.746	19.794	VV	4797	116994	5.27%	0.242%	
318	19.811	19.794	19.840	VV	4859	115674	5.21%	0.239%	
319	19.879	19.840	19.907	VV	5900	185457	8.35%	0.383%	
320	19.990	19.907	20.023	VV	5840	331701	14.94%	0.685%	
321	20.061	20.023	20.149	VV	10225	545270	24.55%	1.126%	
322	20.319	20.149	20.342	VV	8596	750002	33.77%	1.549%	
323	20.448	20.342	20.504	VV	53295	1460479	65.76%	3.016%	
324	20.608	20.504	20.631	VV	11311	729138	32.83%	1.506%	
325	20.678	20.631	20.692	VV	10829	391714	17.64%	0.809%	
326	20.804	20.692	20.892	VV	14986	1493661	67.26%	3.085%	
327	20.904	20.892	20.941	VV	11871	332328	14.96%	0.686%	
328	21.002	20.941	21.012	VV	11047	465207	20.95%	0.961%	
329	21.054	21.012	21.068	VV	10784	364994	16.43%	0.754%	
330	21.123	21.068	21.146	VV	10512	485300	21.85%	1.002%	
331	21.190	21.146	21.336	VV	39976	1581591	71.21%	3.266%	
332	21.358	21.336	21.419	VV	7888	372746	16.78%	0.770%	
333	21.429	21.419	21.469	VV	6897	200569	9.03%	0.414%	
334	21.504	21.469	21.554	VV	6603	316447	14.25%	0.654%	
335	21.622	21.554	21.687	VV	6028	434222	19.55%	0.897%	
336	21.783	21.687	21.837	VV	4493	391148	17.61%	0.808%	
337	21.873	21.837	21.921	VV	3407	159808	7.20%	0.330%	
338	21.949	21.921	22.011	VV	2658	119507	5.38%	0.247%	
339	22.116	22.011	22.191	VV	21726	602333	27.12%	1.244%	
Sum of corrected areas:							48423326		

FG032725.M Wed Apr 09 01:01:09 2025

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
Q1744-03MSD		FG015660.D	FG040825	N-OCTACOSANE	mohammad	4/10/2025 5:30:17 AM	Peak Integrated by Software incorrectly

A

C

D

E

F

G

H

I

J

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG032725

Review By	yogesh	Review On	3/27/2025 11:57:36 AM
Supervise By	mohammad	Supervise On	3/31/2025 1:17:35 AM
SubDirectory	FG032725	HP Acquire Method	HP Processing Method FG032725
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23961,PP23963,PP23964,PP23965,PP23966		
CCC	PP23963		
Internal Standard/PEM			
ICV/I.BLK	PP23962,PP23967		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG015562.D	27 Mar 2025 07:58	YP\AJ	Ok
2	I.BLK	FG015563.D	27 Mar 2025 08:27	YP\AJ	Ok
3	100 TRPH STD	FG015564.D	27 Mar 2025 08:56	YP\AJ	Ok
4	50 TRPH STD	FG015565.D	27 Mar 2025 09:26	YP\AJ	Ok
5	20 TRPH STD	FG015566.D	27 Mar 2025 09:55	YP\AJ	Ok
6	10 TRPH STD	FG015567.D	27 Mar 2025 10:24	YP\AJ	Ok
7	5 TRPH STD	FG015568.D	27 Mar 2025 10:54	YP\AJ	Ok
8	FG032725ICV	FG015569.D	27 Mar 2025 11:23	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG040825

Review By	yogesh	Review On	4/8/2025 3:01:54 PM
Supervise By	mohammad	Supervise On	4/10/2025 5:30:17 AM
SubDirectory	FG040825	HP Acquire Method	HP Processing Method FG032725
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23961,PP23963,PP23964,PP23965,PP23966		
CCC Internal Standard/PEM	PP23963		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23962,PP23967		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG015649.D	08 Apr 2025 09:32	YP\AJ	Ok
2	I.BLK	FG015650.D	08 Apr 2025 10:01	YP\AJ	Ok
3	50 PPM TRPH STD	FG015651.D	08 Apr 2025 11:13	YP\AJ	Ok
4	RT MARKER	FG015652.D	08 Apr 2025 11:44	YP\AJ	Ok
5	PB167510BL	FG015653.D	08 Apr 2025 12:50	YP\AJ	Ok
6	PB167510BS	FG015654.D	08 Apr 2025 13:20	YP\AJ	Ok
7	Q1744-01	FG015655.D	08 Apr 2025 14:02	YP\AJ	Ok
8	Q1744-03	FG015656.D	08 Apr 2025 14:31	YP\AJ	Ok
9	Q1746-01	FG015657.D	08 Apr 2025 15:01	YP\AJ	Ok
10	Q1746-03	FG015658.D	08 Apr 2025 15:30	YP\AJ	Ok
11	Q1744-03MS	FG015659.D	08 Apr 2025 15:59	YP\AJ	Ok
12	Q1744-03MSD	FG015660.D	08 Apr 2025 16:29	YP\AJ	Ok,M
13	I.BLK	FG015661.D	08 Apr 2025 16:58	YP\AJ	Ok
14	50 PPM TRPH STD	FG015662.D	08 Apr 2025 17:57	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG032725

Review By	yogesh	Review On	3/27/2025 11:57:36 AM
Supervise By	mohammad	Supervise On	3/31/2025 1:17:35 AM
SubDirectory	FG032725	HP Acquire Method	HP Processing Method FG032725
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23961,PP23963,PP23964,PP23965,PP23966		
CCC	PP23963		
Internal Standard/PEM	PP23962,PP23967		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG015562.D	27 Mar 2025 07:58		YP\AJ	Ok
2	I.BLK		FG015563.D	27 Mar 2025 08:27		YP\AJ	Ok
3	100 TRPH STD		FG015564.D	27 Mar 2025 08:56		YP\AJ	Ok
4	50 TRPH STD		FG015565.D	27 Mar 2025 09:26		YP\AJ	Ok
5	20 TRPH STD		FG015566.D	27 Mar 2025 09:55		YP\AJ	Ok
6	10 TRPH STD		FG015567.D	27 Mar 2025 10:24		YP\AJ	Ok
7	5 TRPH STD		FG015568.D	27 Mar 2025 10:54		YP\AJ	Ok
8	FG032725ICV		FG015569.D	27 Mar 2025 11:23		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG040825

Review By	yogesh	Review On	4/8/2025 3:01:54 PM
Supervise By	mohammad	Supervise On	4/10/2025 5:30:17 AM
SubDirectory	FG040825	HP Acquire Method	HP Processing Method FG032725
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23961,PP23963,PP23964,PP23965,PP23966		
CCC	PP23963		
Internal Standard/PEM	PP23962,PP23967		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FG015649.D	08 Apr 2025 09:32		YP\AJ	Ok
2	I.BLK		FG015650.D	08 Apr 2025 10:01		YP\AJ	Ok
3	50 PPM TRPH STD		FG015651.D	08 Apr 2025 11:13		YP\AJ	Ok
4	RT MARKER		FG015652.D	08 Apr 2025 11:44		YP\AJ	Ok
5	PB167510BL		FG015653.D	08 Apr 2025 12:50		YP\AJ	Ok
6	PB167510BS		FG015654.D	08 Apr 2025 13:20		YP\AJ	Ok
7	Q1744-01		FG015655.D	08 Apr 2025 14:02		YP\AJ	Ok
8	Q1744-03		FG015656.D	08 Apr 2025 14:31		YP\AJ	Ok
9	Q1746-01		FG015657.D	08 Apr 2025 15:01		YP\AJ	Ok
10	Q1746-03		FG015658.D	08 Apr 2025 15:30		YP\AJ	Ok
11	Q1744-03MS		FG015659.D	08 Apr 2025 15:59		YP\AJ	Ok
12	Q1744-03MSD		FG015660.D	08 Apr 2025 16:29		YP\AJ	Ok,M
13	I.BLK		FG015661.D	08 Apr 2025 16:58		YP\AJ	Ok
14	50 PPM TRPH STD		FG015662.D	08 Apr 2025 17:57		YP\AJ	Ok

M : Manual Integration

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 04/08/2025

Extraction Start Time : 08:55

Extraction End Date : 04/08/2025

Extraction End Time : 11:50

Concentration By: EH

Supervisor By : rajesh

Extraction Method: ☐ Separatory Funnel ☐ Continous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	20 PPM	PP24162
Surrogate	1.0ML	20 PPM	PP24180
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2600
Baked Na2SO4	N/A	EP2599
Sand	N/A	E2865
Methylene Chloride	N/A	E3904
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210673.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/08/25	RP (Sat. 245)	Y.P. Pertierra
11:55	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 04/08/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167510BL	PB167510BL	TPH GC	30.01	N/A	ritesh	Evelyn	1			U3-1
PB167510BS	PB167510BS	TPH GC	30.03	N/A	ritesh	Evelyn	1			2
Q1744-01	B-158-SB01	TPH GC	30.05	N/A	ritesh	Evelyn	1	E		3
Q1744-03	B-158-SB02	TPH GC	30.06	N/A	ritesh	Evelyn	1	E		4
Q1744-03MS	B-158-SB02MS	TPH GC	30.02	N/A	ritesh	Evelyn	1	E		5
Q1744-03MS D	B-158-SB02MSD	TPH GC	30.09	N/A	ritesh	Evelyn	1	E		6
Q1746-01	B-149-SB01	TPH GC	30.08	N/A	ritesh	Evelyn	1	E		U2-1
Q1746-03	B-149-SB02	TPH GC	30.03	N/A	ritesh	Evelyn	1	F		2

* Extracts relinquished on the same date as received.

4/8/25

8:55
16/11/10

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1746 WorkList ID : 188792 Department : Extraction Date : 04-08-2025 08:15:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1744-01	B-158-SB01	Solid	TPH GC	Cool 4 deg C	PORT06	L41	04/05/2025	8015D
Q1744-03	B-158-SB02	Solid	TPH GC	Cool 4 deg C	PORT06	L41	04/05/2025	8015D
Q1746-01	B-149-SB01	Solid	TPH GC	Cool 4 deg C	PORT06	L41	04/05/2025	8015D
Q1746-03	B-149-SB02	Solid	TPH GC	Cool 4 deg C	PORT06	L41	04/06/2025	8015D

Date/Time 04/08/25 8:50
Raw Sample Received by: RJ (Set 1u1)
Raw Sample Relinquished by: [Signature]

Date/Time 04/08/25 9:10
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: RJ (Set 1u1)

LAB CHRONICLE

OrderID:	Q1746	OrderDate:	4/7/2025 12:00:00 PM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1746-01	B-149-SB01	SOIL	PCB	8082A	04/05/25	04/08/25	04/08/25	04/07/25
			TPH GC	8015D		04/08/25	04/08/25	
Q1746-03	B-149-SB02	SOIL	PCB	8082A	04/06/25	04/08/25	04/08/25	04/07/25
			TPH GC	8015D		04/08/25	04/08/25	
Q1746-05	B-158-GW01	WATER	PCB	8082A	04/05/25	04/08/25	04/08/25	04/07/25
			TPH GC	8015D		04/08/25	04/08/25	
Q1746-06	B-149-GW01	WATER	PCB	8082A	04/06/25	04/08/25	04/08/25	04/07/25
			TPH GC	8015D		04/08/25	04/08/25	
Q1746-07	EB-2025-4-7	WATER	PCB	8082A	04/07/25	04/08/25	04/08/25	04/07/25
			TPH GC	8015D		04/08/25	04/08/25	