

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : TGP

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q3192

ATTENTION : Gary Landis



Laboratory Certification ID # 20012



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DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

1

Laboratory Name : Alliance Technical Group LLC Client : G Environmental

Project Location : NJ Project Number : _____

Laboratory Sample ID(s) : Q3192 Sampling Date(s) : 09/24/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **NJEPH**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☒ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☒ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☒ Yes ☐ No ☐ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☒ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☒ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☒ Yes ☐ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☒ Yes ☐ No ☒ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☒ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☐ Yes ☒ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Data of Known Quality."

Cover Page

Order ID : Q3192

Project ID : TGP

Client : G Environmental

Lab Sample Number

Q3192-01
Q3192-02

Client Sample Number

RB104
RB105

I certify that the 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. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 3:04 pm, Oct 08, 2025

Date: 10/8/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

G Environmental

Project Name: TGP

Project # N/A

Order ID # Q3192

Test Name: EPH

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 09/24/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: EPH. This data package contains results for EPH.

C. Analytical Techniques:

The analysis were performed on instrument FID_C. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224. The analyses were performed on instrument FID_D. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224. The analysis were performed on instrument FID_G. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302. The analysis were performed on instrument FID_F. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302. The analysis of EPHs was based on method NJEPH and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

Samples RB104 and RB105 were diluted due to high concentrations for aliphatic compounds.

E. Additional Comments:

The soil samples results are based on a dry weight basis.



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F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the 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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 3:04 pm, Oct 08, 2025

Signature_____

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3192

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 10/08/2025



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	09/24/25
Project:	TGP	Date Received:	09/24/25
Client Sample ID:	RB104	SDG No.:	Q3192
Lab Sample ID:	Q3192-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/25/25 08:15	09/25/25 15:50	PB169823

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	2.24		1	0.15	1.05	mg/kg FG016648.D
Aliphatic C12-C16	Aliphatic C12-C16	8.38		1	0.12	0.70	mg/kg FG016648.D
Aliphatic C16-C21	Aliphatic C16-C21	8.30		1	0.14	1.05	mg/kg FG016648.D
Aliphatic C21-C28	Aliphatic C21-C28	27.4		1	0.56	1.41	mg/kg FG016648.D
Aliphatic C28-C40	Aliphatic C28-C40	328		10	12.4	21.1	mg/kg FG016650.D
Aromatic C10-C12	Aromatic C10-C12	0.79		1	0.13	0.70	mg/kg FF016452.D
Aromatic C12-C16	Aromatic C12-C16	3.32		1	0.24	1.05	mg/kg FF016452.D
Aromatic C16-C21	Aromatic C16-C21	8.62		1	0.42	1.76	mg/kg FF016452.D
Aromatic C21-C36	Aromatic C21-C36	21.4		1	1.25	2.81	mg/kg FF016452.D
Total AliphaticEPH	Total AliphaticEPH	374			13.4	25.3	mg/kg
Total AromaticEPH	Total AromaticEPH	34.1			2.04	6.32	mg/kg
Total EPH	Total EPH	408			15.4	31.6	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	G Environmental	Date Collected:	09/24/25
Project:	TGP	Date Received:	09/24/25
Client Sample ID:	RB104	SDG No.:	Q3192
Lab Sample ID:	Q3192-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF016452.D	1	09/25/25	09/25/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.79		0.13	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	3.32		0.24	1.05	mg/kg
Aromatic C16-C21	Aromatic C16-C21	8.62		0.42	1.76	mg/kg
Aromatic C21-C36	Aromatic C21-C36	21.4		1.25	2.81	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	50.0		40 - 140	100%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	41.1		40 - 140	82%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.8		40 - 140	58%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3192-01	Acq On:	25 Sep 2025 15:50
Client Sample ID:	RB104	Operator:	YP\AJ
Data file:	FF016452.D	Misc:	
Instrument:	FID_F	ALS Vial:	81
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.521	6.398	1610765	11.239	200	ug/ml
Aromatic C12-C16	6.399	9.102	6866180	47.292	300	ug/ml
Aromatic C16-C21	9.103	13.422	17681995	122.644	500	ug/ml
Aromatic C21-C36	13.423	18.876	39830694	304.437	800	ug/ml
Aromatic EPH	4.521	18.876	65989634	485.612		ug/ml
ortho-Terphenyl (SURR)	11.972	11.972	4382375	28.75		ug/ml
2-Bromonaphthalene (SURR)	8.028	8.028	6260500	49.98		ug/ml
2-Fluorobiphenyl (SURR)	8.903	8.903	3469467	41.14		ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	09/24/25
Project:	TGP	Date Received:	09/24/25
Client Sample ID:	RB104	SDG No.:	Q3192
Lab Sample ID:	Q3192-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.8
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016648.D	1	09/25/25	09/25/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	2.24		0.15	1.05	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	8.38		0.12	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.30		0.14	1.05	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	27.4		0.56	1.41	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	337	E	1.24	2.11	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.9		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	1.24		40 - 140	2%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3192-01	Acq On:	25 Sep 2025 15:50
Client Sample ID:	RB104	Operator:	YP\AJ
Data file:	FG016648.D	Misc:	
Instrument:	FID_G	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.279	6.920	3687852	31.928	300	ug/ml
Aliphatic C12-C16	6.921	10.379	14383701	119.255	200	ug/ml
Aliphatic C16-C21	10.380	13.768	15276704	118.159	300	ug/ml
Aliphatic C21-C28	13.769	17.453	50308841	390.476	400	ug/ml
Aliphatic C28-C40	17.454	22.488	487307687	4800	600	ug/ml
Aliphatic EPH	3.279	22.488	570964785	5460		ug/ml
ortho-Terphenyl (SURR)	12.047	12.047	176164	1.24		ug/ml
1-chlorooctadecane (SURR)	13.505	13.505	4846190	42.94		ug/ml
Aliphatic C9-C28	3.279	17.453	83657098	659.818	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	09/24/25
Project:	TGP	Date Received:	09/24/25
Client Sample ID:	RB104DL	SDG No.:	Q3192
Lab Sample ID:	Q3192-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016650.D	10	09/25/25	09/25/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	1.48	U	1.48	10.5	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	8.08		1.16	7.03	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	6.77	J	1.37	10.5	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	29.9		5.59	14.1	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	328		12.4	21.1	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.52		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3192-01DL	Acq On:	25 Sep 2025 16:52
Client Sample ID:	RB104DL	Operator:	YP\AJ
Data file:	FG016650.D	Misc:	
Instrument:	FID_G	ALS Vial:	33
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.279	6.920	446096	3.862	300	ug/ml
Aliphatic C12-C16	6.921	10.379	1387657	11.505	200	ug/ml
Aliphatic C16-C21	10.380	13.768	1246073	9.638	300	ug/ml
Aliphatic C21-C28	13.769	17.453	5477942	42.517	400	ug/ml
Aliphatic C28-C40	17.454	22.488	47376685	467.138	600	ug/ml
Aliphatic EPH	3.279	22.488	55934453	534.66		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.509	13.509	510531	4.52		ug/ml
Aliphatic C9-C28	3.279	17.453	8557768	67.522	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	09/24/25
Project:	TGP	Date Received:	09/24/25
Client Sample ID:	RB105	SDG No.:	Q3192
Lab Sample ID:	Q3192-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/25/25 08:15	09/25/25 16:20	PB169823

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	1.21		1	0.15	1.06	mg/kg FG016649.D
Aliphatic C12-C16	Aliphatic C12-C16	4.76		1	0.12	0.71	mg/kg FG016649.D
Aliphatic C16-C21	Aliphatic C16-C21	14.1		1	0.14	1.06	mg/kg FG016649.D
Aliphatic C21-C28	Aliphatic C21-C28	216		20	11.3	28.4	mg/kg FG016652.D
Aliphatic C28-C40	Aliphatic C28-C40	536		20	25.1	42.6	mg/kg FG016652.D
Aromatic C10-C12	Aromatic C10-C12	0.81		1	0.13	0.71	mg/kg FF016453.D
Aromatic C12-C16	Aromatic C12-C16	2.56		1	0.25	1.06	mg/kg FF016453.D
Aromatic C16-C21	Aromatic C16-C21	14.9		1	0.43	1.77	mg/kg FF016453.D
Aromatic C21-C36	Aromatic C21-C36	35.7		1	1.27	2.84	mg/kg FF016453.D
Total AliphaticEPH	Total AliphaticEPH	772			36.8	73.8	mg/kg
Total AromaticEPH	Total AromaticEPH	54.0			2.07	6.38	mg/kg
Total EPH	Total EPH	826			38.9	80.2	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	G Environmental	Date Collected:	09/24/25
Project:	TGP	Date Received:	09/24/25
Client Sample ID:	RB105	SDG No.:	Q3192
Lab Sample ID:	Q3192-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF016453.D	1	09/25/25	09/25/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.81		0.13	0.71	mg/kg
Aromatic C12-C16	Aromatic C12-C16	2.56		0.25	1.06	mg/kg
Aromatic C16-C21	Aromatic C16-C21	14.9		0.43	1.77	mg/kg
Aromatic C21-C36	Aromatic C21-C36	35.7		1.27	2.84	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.9		40 - 140	108%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	50.4		40 - 140	101%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.4		40 - 140	63%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3192-02	Acq On:	25 Sep 2025 16:20
Client Sample ID:	RB105	Operator:	YP\AJ
Data file:	FF016453.D	Misc:	
Instrument:	FID_F	ALS Vial:	82
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.521	6.398	1627019	11.352	200	ug/ml
Aromatic C12-C16	6.399	9.102	5238375	36.081	300	ug/ml
Aromatic C16-C21	9.103	13.422	30378855	210.711	500	ug/ml
Aromatic C21-C36	13.423	18.876	65811308	503.014	800	ug/ml
Aromatic EPH	4.521	18.876	103055557	761.157		ug/ml
2-Bromonaphthalene (SURR)	8.035	8.035	6747880	53.87		ug/ml
2-Fluorobiphenyl (SURR)	8.912	8.912	4253259	50.43		ug/ml
ortho-Terphenyl (SURR)	11.980	11.980	4787239	31.4		ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	09/24/25
Project:	TGP	Date Received:	09/24/25
Client Sample ID:	RB105	SDG No.:	Q3192
Lab Sample ID:	Q3192-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016649.D	1	09/25/25	09/25/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	1.21		0.15	1.06	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	4.76		0.12	0.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	14.1		0.14	1.06	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	215	E	0.56	1.42	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	485	E	1.26	2.13	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	57.5		40 - 140	115%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	4.06		40 - 140	8%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3192-02	Acq On:	25 Sep 2025 16:20
Client Sample ID:	RB105	Operator:	YP\AJ
Data file:	FG016649.D	Misc:	
Instrument:	FID_G	ALS Vial:	32
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.279	6.920	1966562	17.026	300	ug/ml
Aliphatic C12-C16	6.921	10.379	8100835	67.164	200	ug/ml
Aliphatic C16-C21	10.380	13.768	25716123	198.904	300	ug/ml
Aliphatic C21-C28	13.769	17.453	391376576	3040	400	ug/ml
Aliphatic C28-C40	17.454	22.488	694535334	6850	600	ug/ml
Aliphatic EPH	3.279	22.488	1121695430	10200		ug/ml
ortho-Terphenyl (SURR)	12.042	12.042	578921	4.06		ug/ml
1-chlorooctadecane (SURR)	13.514	13.514	6494613	57.54		ug/ml
Aliphatic C9-C28	3.279	17.453	427160096	3320	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	09/24/25
Project:	TGP	Date Received:	09/24/25
Client Sample ID:	RB105DL	SDG No.:	Q3192
Lab Sample ID:	Q3192-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016652.D	20	09/25/25	09/25/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	2.98	U	2.98	21.3	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.34	U	2.34	14.2	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	14.4	J	2.77	21.3	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	216		11.3	28.4	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	536		25.1	42.6	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	2.14		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3192-02DL	Acq On:	25 Sep 2025 17:52
Client Sample ID:	RB105DL	Operator:	YP\AJ
Data file:	FG016652.D	Misc:	
Instrument:	FID_G	ALS Vial:	35
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.279	6.920	181873	1.575	300	ug/ml
Aliphatic C12-C16	6.921	10.379	475691	3.944	200	ug/ml
Aliphatic C16-C21	10.380	13.768	1313380	10.158	300	ug/ml
Aliphatic C21-C28	13.769	17.453	19656457	152.565	400	ug/ml
Aliphatic C28-C40	17.454	22.488	38382324	378.453	600	ug/ml
Aliphatic EPH	3.279	22.488	60009725	546.695		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.509	13.509	241549	2.14		ug/ml
Aliphatic C9-C28	3.279	17.453	21627401	168.242	1200	ug/ml



QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01
Lab Code: ACE SDG No.: Q3192
Run Number: FC092625AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
PB169823BL	54			0
PB169823BS	78			0
PB169823BSD	80			0

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01
Lab Code: ACE SDG No.: Q3192
Run Number: FD092625AR

CLIENT SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
EME-TS14-01MS	84	66	67	0
EME-TS14-01MSD	84	67	67	0

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QC LIMITS

2-Bromonaphthalene (SURR) (40-140)
2-Flurobiphenyl (SURR) (40-140)
ortho-Terphenyl (SURR) (40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01
Lab Code: ACE SDG No.: Q3192
Run Number: FD100125AR

CLIENT SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
PB169823BL	88	89	98	0
PB169823BS	77	76	86	0
PB169823BSD	79	78	89	0

QC LIMITS

2-Bromonaphthalene (SURR) (40-140)
2-Flurobiphenyl (SURR) (40-140)
ortho-Terphenyl (SURR) (40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01
Lab Code: ACE SDG No.: Q3192
Run Number: FF092525AR

CLIENT SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
RB104	100	82	58	0
RB105	108	101	63	0

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QC LIMITS

2-Bromonaphthalene (SURR) (40-140)
2-Flurobiphenyl (SURR) (40-140)
ortho-Terphenyl (SURR) (40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01
Lab Code: ACE SDG No.: Q3192
Run Number: FG092525AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
EME-TS14-01MS	92			0
EME-TS14-01MSD	93			0
RB104	86			0
RB104DL	90			0
RB105	115			0
RB105DL	86			0

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>G Environmental</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3192</u>
Sample No :	<u>Q3178-02</u>	Datafile:	<u>FD049768.D</u>
		Client ID :	<u>EME-TS14-01MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aromatic C10-C12	9.3	0.49	8.98	91		(40-140)
Aromatic C12-C16	14.0	2.39	15.5	94		(40-140)
Aromatic C16-C21	23.3	3.83	34.3	130		(40-140)
Aromatic C21-C36	37.3	4.20	53.0	130		(40-140)

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SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>G Environmental</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3192</u>
Sample No :	<u>Q3178-03</u>	Datafile:	<u>FD049769.D</u>
		Client ID :	<u>EME-TS14-01MSD</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aromatic C10-C12	9.3	0.49	9.06	92		0.88 (40-140)	50
Aromatic C12-C16	14.0	2.39	15.5	94		0.11 (40-140)	50
Aromatic C16-C21	23.3	3.83	34.4	131		0.77 (40-140)	50
Aromatic C21-C36	37.3	4.20	53.0	130		0 (40-140)	50

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SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>G Environmental</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3192</u>
Sample No :	<u>Q3178-02</u>	Datafile:	<u>FG016660.D</u>
		Client ID :	<u>EME-TS14-01MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	14.0	0.32	14.8	103		(40-140)
Aliphatic C12-C16	9.3	1.39	12.5	119		(40-140)
Aliphatic C16-C21	14.0	4.12	13.9	70		(40-140)
Aliphatic C21-C28	18.6	0	17.0	91		(40-140)
Aliphatic C28-C40	28.0	26.6	43.9	62		(40-140)

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>G Environmental</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3192</u>
Sample No :	<u>Q3178-03</u>	Datafile:	<u>FG016661.D</u>
		Client ID :	<u>EME-TS14-01MSD</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%) QC Limit Of RPD
Aliphatic C9-C12	14.0	0.32	14.7	102		0.98 (40-140) 50
Aliphatic C12-C16	9.3	1.39	12.3	116		2.55 (40-140) 50
Aliphatic C16-C21	14.0	4.12	13.6	68		3.2 (40-140) 50
Aliphatic C21-C28	18.7	0	16.7	90		1.88 (40-140) 50
Aliphatic C28-C40	28.0	26.6	43.5	60		2.29 (40-140) 50

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SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental
Lab Code: ACE **SDG No:** Q3192
Sample No : PB169823BS **Datafile:** FC069855.D **Client ID :** PB169823BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	10	5.20	52		(40-140)
Aliphatic C12-C16	6.7	4.49	67		(40-140)
Aliphatic C16-C21	10	7.34	74		(40-140)
Aliphatic C21-C28	13.3	9.80	74		(40-140)
Aliphatic C28-C40	20.0	16.1	81		(40-140)

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SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental
Lab Code: ACE **SDG No:** Q3192
Sample No : PB169823BSD **Datafile:** FC069856.D **Client ID :** PB169823BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aliphatic C9-C12	10	5.08	51		2.5 (40-140)	25
Aliphatic C12-C16	6.7	4.42	66		1.6 (40-140)	25
Aliphatic C16-C21	10	7.44	74		1.3 (40-140)	25
Aliphatic C21-C28	13.3	10.2	77		3.9 (40-140)	25
Aliphatic C28-C40	20.0	16.7	84		3.6 (40-140)	25

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SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental
Lab Code: ACE **SDG No:** Q3192
Sample No : PB169823BS **Datafile:** FD049784.D **Client ID :** PB169823BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aromatic C10-C12	6.7	4.45	67		(40-140)
Aromatic C12-C16	10	7.22	72		(40-140)
Aromatic C16-C21	16.7	14.6	88		(40-140)
Aromatic C21-C36	26.6	24.7	93		(40-140)

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SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental
Lab Code: ACE **SDG No:** Q3192
Sample No : PB169823BSD **Datafile:** FD049786.D **Client ID :** PB169823BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aromatic C10-C12	6.7	4.55	68		2.2 (40-140)	25
Aromatic C12-C16	10	7.39	74		2.3 (40-140)	25
Aromatic C16-C21	16.7	15.1	91		3.3 (40-140)	25
Aromatic C21-C36	26.6	25.4	95		2.8 (40-140)	25

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METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB169823BL

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3192

Instrument ID: FID_C

Lab Sample ID: PB169823BL

Matrix: (soil/water) Solid

Date Extracted: 9/25/2025 8:15:00 A

Level: (low/med) low

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

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB169823BS	PB169823BS
PB169823BSD	PB169823BSD
RB104	Q3192-01
RB105	Q3192-02

COMMENTS: _____



QC SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	TGP	Date Received:	
Client Sample ID:	PB169823BL	SDG No.:	Q3192
Lab Sample ID:	PB169823BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/25/25 08:15	09/26/25 10:37	PB169823

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.14	U	1	0.14	1.00	mg/kg	FC069854.D
Aliphatic C12-C16	Aliphatic C12-C16	0.11	U	1	0.11	0.67	mg/kg	FC069854.D
Aliphatic C16-C21	Aliphatic C16-C21	0.13	U	1	0.13	1.00	mg/kg	FC069854.D
Aliphatic C21-C28	Aliphatic C21-C28	0.53	U	1	0.53	1.33	mg/kg	FC069854.D
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FC069854.D
Aromatic C10-C12	Aromatic C10-C12	0.12	U	1	0.12	0.67	mg/kg	FD049785.D
Aromatic C12-C16	Aromatic C12-C16	0.23	U	1	0.23	1.00	mg/kg	FD049785.D
Aromatic C16-C21	Aromatic C16-C21	0.40	U	1	0.40	1.67	mg/kg	FD049785.D
Aromatic C21-C36	Aromatic C21-C36	1.19	U	1	1.19	2.67	mg/kg	FD049785.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	6.00	mg/kg	
Total AromaticEPH	Total AromaticEPH	1.94	U		1.94	6.01	mg/kg	
Total EPH	Total EPH	4.03	U		4.03	12.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	TGP	Date Received:	
Client Sample ID:	PB169823BL	SDG No.:	Q3192
Lab Sample ID:	PB169823BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069854.D	1	09/25/25	09/26/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.14	U	0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.11	U	0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.13	U	0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.53	U	0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.2		40 - 140	54%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169823BL	Acq On:	26 Sep 2025 10:37
Client Sample ID:	PB169823BL	Operator:	YP/AJ
Data file:	FC069854.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.300	6.593	0	0	300	ug/ml
Aliphatic C12-C16	6.594	9.993	0	0	200	ug/ml
Aliphatic C16-C21	9.994	13.360	0	0	300	ug/ml
Aliphatic C21-C28	13.361	17.023	0	0	400	ug/ml
Aliphatic C28-C40	17.024	21.984	0	0	600	ug/ml
Aliphatic EPH	3.300	21.984	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.094	13.094	4292135	27.18		ug/ml
Aliphatic C9-C28	3.300	17.023	0	0	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	TGP	Date Received:	
Client Sample ID:	PB169823BL	SDG No.:	Q3192
Lab Sample ID:	PB169823BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049785.D	1	09/25/25	10/01/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.12	U	0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.23	U	0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	0.40	U	0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.19	U	1.19	2.67	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	44.1		40 - 140	88%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	44.5		40 - 140	89%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	49.0		40 - 140	98%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB169823BL	Acq On:	01 Oct 2025 15:40
Client Sample ID:	PB169823BL	Operator:	YP/AJ
Data file:	FD049785.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.388	6.131	0	0	200	ug/ml
Aromatic C12-C16	6.132	8.760	0	0	300	ug/ml
Aromatic C16-C21	8.761	13.050	0	0	500	ug/ml
Aromatic C21-C36	13.051	18.471	0	0	800	ug/ml
Aromatic EPH	4.388	18.471	0	0		ug/ml
2-Bromonaphthalene (SURRE)	7.697	7.697	4958684	44.09		ug/ml
2-Fluorobiphenyl (SURRE)	8.561	8.561	3576173	44.55		ug/ml
ortho-Terphenyl (SURRE)	11.610	11.610	6927330	48.96		ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	TGP	Date Received:	
Client Sample ID:	PB169823BS	SDG No.:	Q3192
Lab Sample ID:	PB169823BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/25/25 08:15	09/26/25 13:39	PB169823

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.20		1	0.14	1.00	mg/kg FC069855.D
Aliphatic C12-C16	Aliphatic C12-C16	4.49		1	0.11	0.67	mg/kg FC069855.D
Aliphatic C16-C21	Aliphatic C16-C21	7.34		1	0.13	1.00	mg/kg FC069855.D
Aliphatic C21-C28	Aliphatic C21-C28	9.80		1	0.53	1.33	mg/kg FC069855.D
Aliphatic C28-C40	Aliphatic C28-C40	16.1		1	1.18	2.00	mg/kg FC069855.D
Aromatic C10-C12	Aromatic C10-C12	4.45		1	0.12	0.67	mg/kg FD049784.D
Aromatic C12-C16	Aromatic C12-C16	7.22		1	0.23	1.00	mg/kg FD049784.D
Aromatic C16-C21	Aromatic C16-C21	14.6		1	0.40	1.67	mg/kg FD049784.D
Aromatic C21-C36	Aromatic C21-C36	24.7		1	1.19	2.66	mg/kg FD049784.D
Total AliphaticEPH	Total AliphaticEPH	42.9			2.09	5.99	mg/kg
Total AromaticEPH	Total AromaticEPH	51.0			1.94	6.00	mg/kg
Total EPH	Total EPH	93.9			4.03	12.0	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	TGP	Date Received:	
Client Sample ID:	PB169823BS	SDG No.:	Q3192
Lab Sample ID:	PB169823BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069855.D	1	09/25/25	09/26/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
	Aliphatic C9-C12	Aliphatic C9-C12	5.20	0.14	1.00	mg/kg
	Aliphatic C12-C16	Aliphatic C12-C16	4.49	0.11	0.67	mg/kg
	Aliphatic C16-C21	Aliphatic C16-C21	7.34	0.13	1.00	mg/kg
	Aliphatic C21-C28	Aliphatic C21-C28	9.80	0.53	1.33	mg/kg
	Aliphatic C28-C40	Aliphatic C28-C40	16.1	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.1		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169823BS	Acq On:	26 Sep 2025 13:39
Client Sample ID:	PB169823BS	Operator:	YP/AJ
Data file:	FC069855.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.300	6.593	10420261	78.041	300	ug/ml
Aliphatic C12-C16	6.594	9.993	10565427	67.436	200	ug/ml
Aliphatic C16-C21	9.994	13.360	19791143	110.227	300	ug/ml
Aliphatic C21-C28	13.361	17.023	26619658	147.117	400	ug/ml
Aliphatic C28-C40	17.024	21.984	31014223	241.024	600	ug/ml
Aliphatic EPH	3.300	21.984	98410712	643.845		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.097	13.097	6171064	39.08		ug/ml
Aliphatic C9-C28	3.300	17.023	67396489	402.821	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	TGP	Date Received:	
Client Sample ID:	PB169823BS	SDG No.:	Q3192
Lab Sample ID:	PB169823BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049784.D	1	09/25/25	10/01/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.45		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	7.22		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	14.6		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	24.7		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	38.3		40 - 140	77%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	38.2		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	43.0		40 - 140	86%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB169823BS	Acq On:	01 Oct 2025 14:56
Client Sample ID:	PB169823BS	Operator:	YP/AJ
Data file:	FD049784.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.388	6.131	7761215	66.875	200	ug/ml
Aromatic C12-C16	6.132	8.760	14719838	108.341	300	ug/ml
Aromatic C16-C21	8.761	13.050	29780380	219.343	500	ug/ml
Aromatic C21-C36	13.051	18.471	43848673	370.588	800	ug/ml
Aromatic EPH	4.388	18.471	96110106	765.147		ug/ml
2-Fluorobiphenyl (SURR)	8.561	8.561	3064968	38.18		ug/ml
ortho-Terphenyl (SURR)	11.610	11.610	6084058	43		ug/ml
2-Bromonaphthalene (SURR)	7.697	7.697	4307044	38.3		ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	TGP	Date Received:	
Client Sample ID:	PB169823BSD	SDG No.:	Q3192
Lab Sample ID:	PB169823BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/25/25 08:15	09/26/25 14:25	PB169823

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.08		1	0.14	1.00	mg/kg FC069856.D
Aliphatic C12-C16	Aliphatic C12-C16	4.42		1	0.11	0.67	mg/kg FC069856.D
Aliphatic C16-C21	Aliphatic C16-C21	7.44		1	0.13	1.00	mg/kg FC069856.D
Aliphatic C21-C28	Aliphatic C21-C28	10.2		1	0.53	1.33	mg/kg FC069856.D
Aliphatic C28-C40	Aliphatic C28-C40	16.7		1	1.18	2.00	mg/kg FC069856.D
Aromatic C10-C12	Aromatic C10-C12	4.55		1	0.12	0.67	mg/kg FD049786.D
Aromatic C12-C16	Aromatic C12-C16	7.39		1	0.23	1.00	mg/kg FD049786.D
Aromatic C16-C21	Aromatic C16-C21	15.1		1	0.40	1.67	mg/kg FD049786.D
Aromatic C21-C36	Aromatic C21-C36	25.4		1	1.19	2.66	mg/kg FD049786.D
Total AliphaticEPH	Total AliphaticEPH	43.8			2.09	5.99	mg/kg
Total AromaticEPH	Total AromaticEPH	52.4			1.94	6.00	mg/kg
Total EPH	Total EPH	96.3			4.03	12.0	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	TGP	Date Received:	
Client Sample ID:	PB169823BSD	SDG No.:	Q3192
Lab Sample ID:	PB169823BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069856.D	1	09/25/25	09/26/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
	Aliphatic C9-C12	Aliphatic C9-C12	5.08	0.14	1.00	mg/kg
	Aliphatic C12-C16	Aliphatic C12-C16	4.42	0.11	0.67	mg/kg
	Aliphatic C16-C21	Aliphatic C16-C21	7.44	0.13	1.00	mg/kg
	Aliphatic C21-C28	Aliphatic C21-C28	10.2	0.53	1.33	mg/kg
	Aliphatic C28-C40	Aliphatic C28-C40	16.7	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.9		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169823BSD	Acq On:	26 Sep 2025 14:25
Client Sample ID:	PB169823BSD	Operator:	YP/AJ
Data file:	FC069856.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.300	6.593	10184115	76.272	300	ug/ml
Aliphatic C12-C16	6.594	9.993	10403804	66.404	200	ug/ml
Aliphatic C16-C21	9.994	13.360	20042927	111.629	300	ug/ml
Aliphatic C21-C28	13.361	17.023	27684873	153.004	400	ug/ml
Aliphatic C28-C40	17.024	21.984	32219733	250.392	600	ug/ml
Aliphatic EPH	3.300	21.984	100535452	657.703		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.096	13.096	6307554	39.94		ug/ml
Aliphatic C9-C28	3.300	17.023	68315719	407.309	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	TGP	Date Received:	
Client Sample ID:	PB169823BSD	SDG No.:	Q3192
Lab Sample ID:	PB169823BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049786.D	1	09/25/25	10/01/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.55		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	7.39		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	15.1		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	25.4		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	39.3		40 - 140	79%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	39.1		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	44.3		40 - 140	89%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB169823BSD	Acq On:	01 Oct 2025 16:25
Client Sample ID:	PB169823BSD	Operator:	YP/AJ
Data file:	FD049786.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.388	6.131	7928705	68.318	200	ug/ml
Aromatic C12-C16	6.132	8.760	15080741	110.997	300	ug/ml
Aromatic C16-C21	8.761	13.050	30694005	226.073	500	ug/ml
Aromatic C21-C36	13.051	18.471	45082207	381.013	800	ug/ml
Aromatic EPH	4.388	18.471	98785658	786.401		ug/ml
2-Bromonaphthalene (SURRE)	7.697	7.697	4417663	39.28		ug/ml
2-Fluorobiphenyl (SURRE)	8.561	8.561	3137864	39.09		ug/ml
ortho-Terphenyl (SURRE)	11.610	11.610	6268340	44.31		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-01MS		SDG No.:	Q3178	
Lab Sample ID:	Q3178-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	71.4	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016660.D	1	09/25/25	09/26/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	14.8		0.20	1.40	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	12.5		0.15	0.93	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	13.9		0.18	1.40	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	17.0		0.74	1.86	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	43.9		1.65	2.80	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.9		40 - 140	92%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3178-02	Acq On:	26 Sep 2025 09:41
Client Sample ID:	EME-TS14-01MS	Operator:	YP\AJ
Data file:	FG016660.D	Misc:	
Instrument:	FID_G	ALS Vial:	41
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.279	6.920	18360561	158.961	300	ug/ml
Aliphatic C12-C16	6.921	10.379	16193392	134.259	200	ug/ml
Aliphatic C16-C21	10.380	13.768	19260771	148.974	300	ug/ml
Aliphatic C21-C28	13.769	17.453	23479882	182.241	400	ug/ml
Aliphatic C28-C40	17.454	22.488	47732530	470.646	600	ug/ml
Aliphatic EPH	3.279	22.488	125027136	1100		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.510	13.510	5184437	45.93		ug/ml
Aliphatic C9-C28	3.279	17.453	77294606	624.435	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	09/23/25
Project:	TGP	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MS	SDG No.:	Q3192
Lab Sample ID:	Q3178-02MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	71.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049768.D	1	09/25/25	09/26/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	8.98		0.17	0.93	mg/kg
Aromatic C12-C16	Aromatic C12-C16	15.5		0.32	1.40	mg/kg
Aromatic C16-C21	Aromatic C16-C21	34.3		0.56	2.33	mg/kg
Aromatic C21-C36	Aromatic C21-C36	53.0		1.66	3.73	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	41.8		40 - 140	84%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	33.1		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.4		40 - 140	67%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3178-02MS	Acq On:	26 Sep 2025 11:22
Client Sample ID:	EME-TS14-01MS	Operator:	YP/AJ
Data file:	FD049768.D	Misc:	
Instrument:	FID_D	ALS Vial:	58
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.389	6.132	11175539	96.294	200	ug/ml
Aromatic C12-C16	6.133	8.761	22542987	165.921	300	ug/ml
Aromatic C16-C21	8.762	13.054	49938394	367.815	500	ug/ml
Aromatic C21-C36	13.055	18.477	67214486	568.065	800	ug/ml
Aromatic EPH	4.389	18.477	150871406	1200		ug/ml
2-Bromonaphthalene (SURR)	7.699	7.699	4703481	41.82		ug/ml
2-Fluorobiphenyl (SURR)	8.564	8.564	2653811	33.06		ug/ml
ortho-Terphenyl (SURR)	11.612	11.612	4723031	33.38		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-01MSD		SDG No.:	Q3178	
Lab Sample ID:	Q3178-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	71.4	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016661.D	1	09/25/25	09/26/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	14.7		0.20	1.40	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	12.3		0.15	0.93	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	13.6		0.18	1.40	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	16.7		0.74	1.87	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	43.5		1.65	2.80	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	46.7		40 - 140	93%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3178-03	Acq On:	26 Sep 2025 10:10
Client Sample ID:	EME-TS14-01MSD	Operator:	YP\AJ
Data file:	FG016661.D	Misc:	
Instrument:	FID_G	ALS Vial:	42
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.279	6.920	18225740	157.794	300	ug/ml
Aliphatic C12-C16	6.921	10.379	15858560	131.483	200	ug/ml
Aliphatic C16-C21	10.380	13.768	18890583	146.111	300	ug/ml
Aliphatic C21-C28	13.769	17.453	23115777	179.415	400	ug/ml
Aliphatic C28-C40	17.454	22.488	47262397	466.011	600	ug/ml
Aliphatic EPH	3.279	22.488	123353057	1080		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.510	13.510	5267240	46.67		ug/ml
Aliphatic C9-C28	3.279	17.453	76090660	614.803	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	09/23/25
Project:	TGP	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MSD	SDG No.:	Q3192
Lab Sample ID:	Q3178-03MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	71.4
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049769.D	1	09/25/25	09/26/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	9.06		0.17	0.93	mg/kg
Aromatic C12-C16	Aromatic C12-C16	15.5		0.32	1.40	mg/kg
Aromatic C16-C21	Aromatic C16-C21	34.4		0.56	2.33	mg/kg
Aromatic C21-C36	Aromatic C21-C36	53.0		1.67	3.73	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	42.0		40 - 140	84%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	33.4		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.3		40 - 140	67%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3178-03MSD	Acq On:	26 Sep 2025 12:07
Client Sample ID:	EME-TS14-01MSD	Operator:	YP/AJ
Data file:	FD049769.D	Misc:	
Instrument:	FID_D	ALS Vial:	59
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.389	6.132	11266947	97.082	200	ug/ml
Aromatic C12-C16	6.133	8.761	22549529	165.969	300	ug/ml
Aromatic C16-C21	8.762	13.054	50079639	368.855	500	ug/ml
Aromatic C21-C36	13.055	18.477	67124997	567.308	800	ug/ml
Aromatic EPH	4.389	18.477	151021112	1200		ug/ml
2-Fluorobiphenyl (SURR)	8.564	8.564	2680542	33.39		ug/ml
ortho-Terphenyl (SURR)	11.611	11.611	4715597	33.33		ug/ml
2-Bromonaphthalene (SURR)	7.699	7.699	4722924	42		ug/ml



CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FC092325AL

AreaCount

Parameter Range	FC069825.D	FC069826.D	FC069827.D	FC069828.D	FC069829.D	
Aliphatic C9-C12	36481160.000	19239018.000	8479995.000	3992675.000	2149948.000	
Aliphatic C12-C16	28357328.000	15079775.000	6707361.000	3059370.000	1701298.000	
Aliphatic C16-C21	46795550.000	25342238.000	11726291.000	5161303.000	3079937.000	
Aliphatic C21-C28	60973856.000	33612759.000	16071763.000	6886243.000	4223143.000	
Aliphatic C28-C40	63667378.000	35651403.000	17018918.000	7609564.000	4493535.000	
Aliphatic EPH	236275272.000	128925193.000	60004328.000	26709155.000	15647861.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	133523.2539996	6.773				
Aliphatic C12-C16	156673.343	7.634				
Aliphatic C16-C21	179548.8339996	11.281				
Aliphatic C21-C28	180941.7395	13.444				
Aliphatic C28-C40	128677.0379996	13.615				
Aliphatic EPH	152688.4519996	11.395				

Concentration

Parameter Range	FC069825.D	FC069826.D	FC069827.D	FC069828.D	FC069829.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FC069825.D	FC069826.D	FC069827.D	FC069828.D	FC069829.D	
Aliphatic C9-C12	121603.866666	128260.120000	141333.250000	133089.166666	143329.866666	
Aliphatic C12-C16	141786.640000	150797.750000	167684.025000	152968.500000	170129.800000	
Aliphatic C16-C21	155985.166666	168948.253333	195438.183333	172043.433333	205329.133333	

Initial Calibration Report for SequenceID : FC092325AL

Aliphatic C21-C28	152434.640000	168063.795000	200897.037500	172156.075000	211157.150000	
Aliphatic C28-C40	106112.296666	118838.010000	141824.316666	126826.066666	149784.500000	
Aliphatic EPH	131264.040000	143250.214444	166678.688888	148384.194444	173865.122222	

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Initial Calibration Report for SequenceID : FD090425AR

AreaCount

Parameter Range	FD049718.D	FD049719.D	FD049720.D	FD049721.D	FD049722.D	
Aromatic C10-C12	22703296.000	11086087.000	4643611.000	2277248.000	1259509.000	
Aromatic C12-C16	39984460.000	19661953.000	8193867.000	4001323.000	2175378.000	
Aromatic C16-C21	53345381.000	26489360.000	11024855.000	5315893.000	2846688.000	
Aromatic C21-C36	100704025.000	50911530.000	21618248.000	10600307.000	5791358.000	
Aromatic EPH	216737162.000	108148930.000	45480581.000	22194771.000	12072933.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	116056.185	5.027				
Aromatic C12-C16	135865.6606664	4.034				
Aromatic C16-C21	135770.533	3.132				
Aromatic C21-C36	118321.9011106	5.659				
Aromatic EPH	124871.5885552	4.611				

Concentration

Parameter Range	FD049718.D	FD049719.D	FD049720.D	FD049721.D	FD049722.D	
Aromatic C10-C12	200.000	100.000	40.000	20.000	10.000	
Aromatic C12-C16	300.000	150.000	60.000	30.000	15.000	
Aromatic C16-C21	400.000	200.000	80.000	40.000	20.000	
Aromatic C21-C36	900.000	450.000	180.000	90.000	45.000	
Aromatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FD049718.D	FD049719.D	FD049720.D	FD049721.D	FD049722.D	
Aromatic C10-C12	113516.480000	110860.870000	116090.275000	113862.400000	125950.900000	
Aromatic C12-C16	133281.533333	131079.686666	136564.450000	133377.433333	145025.200000	
Aromatic C16-C21	133363.452500	132446.800000	137810.687500	132897.325000	142334.400000	
Aromatic C21-C36	111893.361111	113136.733333	120101.377777	117781.188888	128696.844444	
Aromatic EPH	120409.534444	120165.477777	126334.947222	123304.283333	134143.700000	

Initial Calibration Report for SequenceID : FF092425AR

AreaCount

Parameter Range	FF016431.D	FF016432.D	FF016433.D	FF016434.D	FF016435.D	
Aromatic C10-C12	26571922.000	12782593.000	5812094.000	3378672.000	1416900.000	
Aromatic C12-C16	40903703.000	19727791.000	8893990.000	5140294.000	2077321.000	
Aromatic C16-C21	52642385.000	25632968.000	11754819.000	6912075.000	2827142.000	
Aromatic C21-C36	104382932.000	51250874.000	23922689.000	14310932.000	5957294.000	
Aromatic EPH	224500942.000	109394226.000	50383592.000	29741973.000	12278657.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	143322.298	11.099				
Aromatic C12-C16	145185.7299994	10.908				
Aromatic C16-C21	144173.003	12.258				
Aromatic C21-C36	130834.0722218	13.823				
Aromatic EPH	137577.8026664	12.558				

Concentration

Parameter Range	FF016431.D	FF016432.D	FF016433.D	FF016434.D	FF016435.D	
Aromatic C10-C12	200.000	100.000	40.000	20.000	10.000	
Aromatic C12-C16	300.000	150.000	60.000	30.000	15.000	
Aromatic C16-C21	400.000	200.000	80.000	40.000	20.000	
Aromatic C21-C36	900.000	450.000	180.000	90.000	45.000	
Aromatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FF016431.D	FF016432.D	FF016433.D	FF016434.D	FF016435.D	
Aromatic C10-C12	132859.610000	127825.930000	145302.350000	168933.600000	141690.000000	
Aromatic C12-C16	136345.676666	131518.606666	148233.166666	171343.133333	138488.066666	
Aromatic C16-C21	131605.962500	128164.840000	146935.237500	172801.875000	141357.100000	
Aromatic C21-C36	115981.035555	113890.831111	132903.827777	159010.355555	132384.311111	
Aromatic EPH	124722.745555	121549.140000	139954.422222	165233.183333	136429.522222	

Initial Calibration Report for SequenceID : FG092425AL

AreaCount

Parameter Range	FG016627.D	FG016628.D	FG016629.D	FG016630.D	FG016631.D	
Aliphatic C9-C12	33215096.000	16952167.000	6786632.000	3543213.000	1838544.000	
Aliphatic C12-C16	23348269.000	11898419.000	4799598.000	2467499.000	1239735.000	
Aliphatic C16-C21	36506026.000	18690177.000	7657783.000	3978902.000	2098486.000	
Aliphatic C21-C28	48050203.000	24832755.000	10228580.000	5285310.000	2798387.000	
Aliphatic C28-C40	55164011.000	28860010.000	12195956.000	6306582.000	3366383.000	
Aliphatic EPH	196283605.000	101233528.000	41668549.000	21581506.000	11341535.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	115503.733333	4.142				
Aliphatic C12-C16	120612.787	2.52				
Aliphatic C16-C21	129289.3566662	5.554				
Aliphatic C21-C28	128839.7265	5.916				
Aliphatic C28-C40	101419.0969996	7.752				
Aliphatic EPH	116637.6851106	5.659				

Concentration

Parameter Range	FG016627.D	FG016628.D	FG016629.D	FG016630.D	FG016631.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FG016627.D	FG016628.D	FG016629.D	FG016630.D	FG016631.D	
Aliphatic C9-C12	110716.986666	113014.446666	113110.533333	118107.100000	122569.600000	
Aliphatic C12-C16	116741.345000	118984.190000	119989.950000	123374.950000	123973.500000	
Aliphatic C16-C21	121686.753333	124601.180000	127629.716666	132630.066666	139899.066666	

Initial Calibration Report for SequenceID : FG092425AL

Aliphatic C21-C28	120125.507500	124163.775000	127857.250000	132132.750000	139919.350000	
Aliphatic C28-C40	91940.018333	96200.033333	101632.966666	105109.700000	112212.766666	
Aliphatic EPH	109046.447222	112481.697777	115745.969444	119897.255555	126017.055555	

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Continuing Calibration Report for SequenceID : FC092625AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC069853.D

Aliphatic C9-C12	8368697.000	60.000	3.300	6.593	139478.283	133523.254	-4.460
Aliphatic C12-C16	6681561.000	40.000	6.594	9.993	167039.025	156673.343	-6.616
Aliphatic C16-C21	11414829.000	60.000	9.994	13.360	190247.150	179548.834	-5.958
Aliphatic C21-C28	15556389.000	80.000	13.361	17.023	194454.863	180941.740	-7.468
Aliphatic C28-C40	17104989.000	120.000	17.024	21.984	142541.575	128677.038	-10.775
Aliphatic EPH	59126465.000	360.000	3.300	21.984	164240.181	152688.452	-7.566

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Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	26 Sep 2025 09:09
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069853.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.300	6.593	8368697.000	60.000	ug/ml
Aliphatic C12-C16	6.594	9.993	6681561.000	40.000	ug/ml
Aliphatic C16-C21	9.994	13.360	11414829.000	60.000	ug/ml
Aliphatic C21-C28	13.361	17.023	15556389.000	80.000	ug/ml
Aliphatic C28-C40	17.024	21.984	17104989.000	120.000	ug/ml
Aliphatic EPH	3.300	21.984	59126465.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FC092625AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC069858.D

Aliphatic C9-C12	7318913.000	60.000	3.300	6.593	121981.883	133523.254	8.644
Aliphatic C12-C16	5773350.000	40.000	6.594	9.993	144333.750	156673.343	7.876
Aliphatic C16-C21	9454936.000	60.000	9.994	13.360	157582.267	179548.834	12.234
Aliphatic C21-C28	12400776.000	80.000	13.361	17.023	155009.700	180941.740	14.332
Aliphatic C28-C40	13628539.000	120.000	17.024	21.984	113571.158	128677.038	11.739
Aliphatic EPH	48576514.000	360.000	3.300	21.984	134934.761	152688.452	11.627

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Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	26 Sep 2025 16:04
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069858.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.300	6.593	7318913.000	60.000	ug/ml
Aliphatic C12-C16	6.594	9.993	5773350.000	40.000	ug/ml
Aliphatic C16-C21	9.994	13.360	9454936.000	60.000	ug/ml
Aliphatic C21-C28	13.361	17.023	12400776.000	80.000	ug/ml
Aliphatic C28-C40	17.024	21.984	13628539.000	120.000	ug/ml
Aliphatic EPH	3.300	21.984	48576514.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD092625AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FD049765.D

Aromatic C10-C12	4686196.000	40.000	4.389	6.132	117154.900	116056.185	-0.947
Aromatic C12-C16	8384234.000	60.000	6.133	8.761	139737.233	135865.661	-2.850
Aromatic C16-C21	11343302.000	80.000	8.762	13.054	141791.275	135770.533	-4.434
Aromatic C21-C36	22066183.000	180.000	13.055	18.477	122589.906	118321.901	-3.607
Aromatic EPH	46479915.000	360.000	4.389	18.477	129110.875	124871.589	-3.395

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Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	26 Sep 2025 09:09
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049765.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.389	6.132	4686196.000	40.000	ug/ml
Aromatic C12-C16	6.133	8.761	8384234.000	60.000	ug/ml
Aromatic C16-C21	8.762	13.054	11343302.000	80.000	ug/ml
Aromatic C21-C36	13.055	18.477	22066183.000	180.000	ug/ml
Aromatic EPH	4.389	18.477	46479915.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD092625AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FD049771.D

Aromatic C10-C12	4880274.000	40.000	4.389	6.132	122006.850	116056.185	-5.127
Aromatic C12-C16	8569712.000	60.000	6.133	8.761	142828.533	135865.661	-5.125
Aromatic C16-C21	11430190.000	80.000	8.762	13.054	142877.375	135770.533	-5.234
Aromatic C21-C36	22186612.000	180.000	13.055	18.477	123258.956	118321.901	-4.173
Aromatic EPH	47066788.000	360.000	4.389	18.477	130741.078	124871.589	-4.700

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	26 Sep 2025 13:39
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049771.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.389	6.132	4880274.000	40.000	ug/ml
Aromatic C12-C16	6.133	8.761	8569712.000	60.000	ug/ml
Aromatic C16-C21	8.762	13.054	11430190.000	80.000	ug/ml
Aromatic C21-C36	13.055	18.477	22186612.000	180.000	ug/ml
Aromatic EPH	4.389	18.477	47066788.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD100125AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FD049783.D

Aromatic C12-C16	8582976.000	60.000	6.132	8.760	143049.600	135865.661	-5.288
Aromatic C10-C12	4896792.000	40.000	4.388	6.131	122419.800	116056.185	-5.483
Aromatic C16-C21	11236332.000	80.000	8.761	13.050	140454.150	135770.533	-3.450
Aromatic C21-C36	21941719.000	180.000	13.051	18.471	121898.439	118321.901	-3.023
Aromatic EPH	46657819.000	360.000	4.388	18.471	129605.053	124871.589	-3.791

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	01 Oct 2025 09:40
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049783.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.388	6.131	4896792.000	40.000	ug/ml
Aromatic C12-C16	6.132	8.760	8582976.000	60.000	ug/ml
Aromatic C16-C21	8.761	13.050	11236332.000	80.000	ug/ml
Aromatic C21-C36	13.051	18.471	21941719.000	180.000	ug/ml
Aromatic EPH	4.388	18.471	46657819.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD100125AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FD049788.D

Aromatic C12-C16	8674705.000	60.000	6.132	8.760	144578.417	135865.661	-6.413
Aromatic C10-C12	4962988.000	40.000	4.388	6.131	124074.700	116056.185	-6.909
Aromatic C16-C21	11282024.000	80.000	8.761	13.050	141025.300	135770.533	-3.870
Aromatic C21-C36	22104953.000	180.000	13.051	18.471	122805.294	118321.901	-3.789
Aromatic EPH	47024670.000	360.000	4.388	18.471	130624.083	124871.589	-4.607

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	01 Oct 2025 17:54
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049788.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.388	6.131	4962988.000	40.000	ug/ml
Aromatic C12-C16	6.132	8.760	8674705.000	60.000	ug/ml
Aromatic C16-C21	8.761	13.050	11282024.000	80.000	ug/ml
Aromatic C21-C36	13.051	18.471	22104953.000	180.000	ug/ml
Aromatic EPH	4.388	18.471	47024670.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FF092525AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FF016451.D

Aromatic C10-C12	4713656.000	40.000	4.521	6.398	117841.400	143322.298	17.779
Aromatic C12-C16	7290904.000	60.000	6.399	9.102	121515.067	145185.730	16.304
Aromatic C16-C21	9645534.000	80.000	9.103	13.422	120569.175	144173.003	16.372
Aromatic C21-C36	19957430.000	180.000	13.423	18.876	110874.611	130834.072	15.256
Aromatic EPH	41607524.000	360.000	4.521	18.876	115576.456	137577.803	15.992

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	25 Sep 2025 14:49
Client Sample ID:		Operator:	YP\AJ
Data file:	FF016451.D	Misc:	
Instrument:	FID_F	ALS Vial:	76
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.521	6.398	4713656.000	40.000	ug/ml
Aromatic C12-C16	6.399	9.102	7290904.000	60.000	ug/ml
Aromatic C16-C21	9.103	13.422	9645534.000	80.000	ug/ml
Aromatic C21-C36	13.423	18.876	19957430.000	180.000	ug/ml
Aromatic EPH	4.521	18.876	41607524.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FF092525AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FF016462.D

Aromatic C10-C12	4862477.000	40.000	4.521	6.398	121561.925	143322.298	15.183
Aromatic C12-C16	7309251.000	60.000	6.399	9.102	121820.850	145185.730	16.093
Aromatic C16-C21	9311721.000	80.000	9.103	13.422	116396.513	144173.003	19.266
Aromatic C21-C36	19005003.000	180.000	13.423	18.876	105583.350	130834.072	19.300
Aromatic EPH	40488452.000	360.000	4.521	18.876	112467.922	137577.803	18.251

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	26 Sep 2025 08:42
Client Sample ID:		Operator:	YPIAJ
Data file:	FF016462.D	Misc:	
Instrument:	FID_F	ALS Vial:	76
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.521	6.398	4862477.000	40.000	ug/ml
Aromatic C12-C16	6.399	9.102	7309251.000	60.000	ug/ml
Aromatic C16-C21	9.103	13.422	9311721.000	80.000	ug/ml
Aromatic C21-C36	13.423	18.876	19005003.000	180.000	ug/ml
Aromatic EPH	4.521	18.876	40488452.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FG092525AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FG016647.D

Aliphatic C9-C12	6666765.000	60.000	3.279	6.920	111112.750	115503.733	3.802
Aliphatic C12-C16	4693819.000	40.000	6.921	10.379	117345.475	120612.787	2.709
Aliphatic C16-C21	7426900.000	60.000	10.380	13.768	123781.667	129289.357	4.260
Aliphatic C21-C28	9882490.000	80.000	13.769	17.453	123531.125	128839.727	4.120
Aliphatic C28-C40	12025117.000	120.000	17.454	22.488	100209.308	101419.097	1.193
Aliphatic EPH	40695091.000	360.000	3.279	22.488	113041.919	116637.685	3.083

Lab Sample ID:	20 PPM ALIPHATIC HCS	Acq On:	25 Sep 2025 15:19
Client Sample ID:		Operator:	YPIAJ
Data file:	FG016647.D	Misc:	
Instrument:	FID_G	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.279	6.920	6666765.000	60.000	ug/ml
Aliphatic C12-C16	6.921	10.379	4693819.000	40.000	ug/ml
Aliphatic C16-C21	10.380	13.768	7426900.000	60.000	ug/ml
Aliphatic C21-C28	13.769	17.453	9882490.000	80.000	ug/ml
Aliphatic C28-C40	17.454	22.488	12025117.000	120.000	ug/ml
Aliphatic EPH	3.279	22.488	40695091.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FG092525AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FG016658.D

Aliphatic C9-C12	6204342.000	60.000	3.279	6.920	103405.700	115503.733	10.474
Aliphatic C12-C16	4278189.000	40.000	6.921	10.379	106954.725	120612.787	11.324
Aliphatic C16-C21	6517273.000	60.000	10.380	13.768	108621.217	129289.357	15.986
Aliphatic C21-C28	8123119.000	80.000	13.769	17.453	101538.988	128839.727	21.190
Aliphatic C28-C40	10096505.000	120.000	17.454	22.488	84137.542	101419.097	17.040
Aliphatic EPH	35219428.000	360.000	3.279	22.488	97831.744	116637.685	16.123

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	26 Sep 2025 08:42
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016658.D	Misc:	
Instrument:	FID_G	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.279	6.920	6204342.000	60.000	ug/ml
Aliphatic C12-C16	6.921	10.379	4278189.000	40.000	ug/ml
Aliphatic C16-C21	10.380	13.768	6517273.000	60.000	ug/ml
Aliphatic C21-C28	13.769	17.453	8123119.000	80.000	ug/ml
Aliphatic C28-C40	17.454	22.488	10096505.000	120.000	ug/ml
Aliphatic EPH	3.279	22.488	35219428.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FG092525AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FG016663.D

Aliphatic C9-C12	6185611.000	60.000	3.279	6.920	103093.517	115503.733	10.744
Aliphatic C12-C16	4240489.000	40.000	6.921	10.379	106012.225	120612.787	12.105
Aliphatic C16-C21	6462572.000	60.000	10.380	13.768	107709.533	129289.357	16.691
Aliphatic C21-C28	8012139.000	80.000	13.769	17.453	100151.738	128839.727	22.266
Aliphatic C28-C40	9996469.000	120.000	17.454	22.488	83303.908	101419.097	17.862
Aliphatic EPH	34897280.000	360.000	3.279	22.488	96936.889	116637.685	16.891

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	26 Sep 2025 11:10
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016663.D	Misc:	
Instrument:	FID_G	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.279	6.920	6185611.000	60.000	ug/ml
Aliphatic C12-C16	6.921	10.379	4240489.000	40.000	ug/ml
Aliphatic C16-C21	10.380	13.768	6462572.000	60.000	ug/ml
Aliphatic C21-C28	13.769	17.453	8012139.000	80.000	ug/ml
Aliphatic C28-C40	17.454	22.488	9996469.000	120.000	ug/ml
Aliphatic EPH	3.279	22.488	34897280.000	360.000	ug/ml



SAMPLE RAW DATA

5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092525AR\
 Data File : FF016452.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2025 15:50
 Operator : YP\AJ
 Sample : Q3192-01
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 RB104

Integration File: autoint1.e
 Quant Time: Sep 25 16:35:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:24:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.028	6260500	49.977 ug/ml
Spiked Amount 50.000		Recovery =	99.95%
6) S 2-Fluorobiphenyl (SURR)	8.903	3469467	41.137 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.27%
11) S ortho-Terphenyl (SURR)	11.972	4382375	28.747 ug/ml
Spiked Amount 50.000		Recovery =	57.49%

Target Compounds

(f)=RT Delta > 1/2 Window

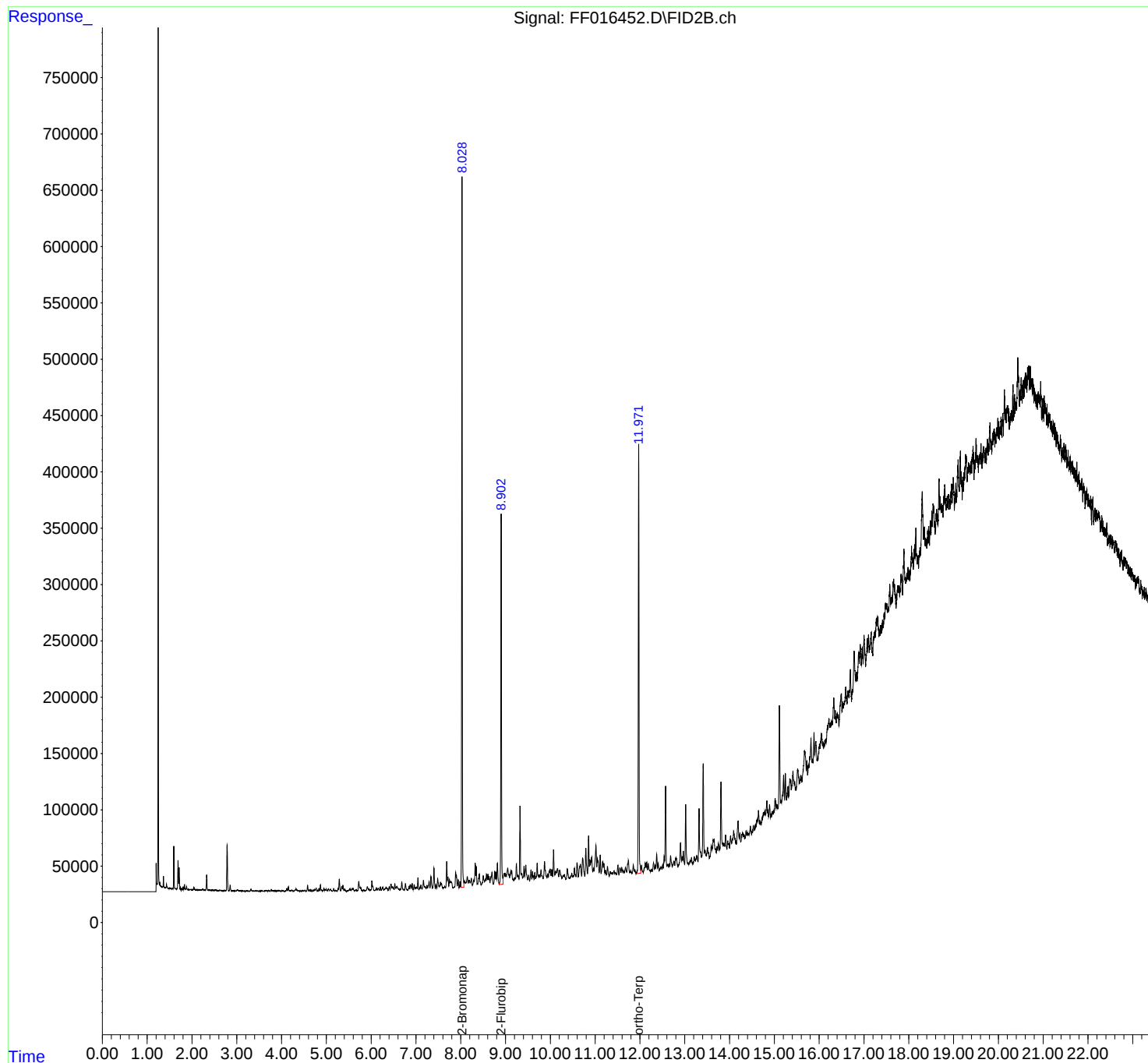
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092525AR\
Data File : FF016452.D
Signal(s) : FID2B.ch
Acq On : 25 Sep 2025 15:50
Operator : YP\AJ
Sample : Q3192-01
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
RB104

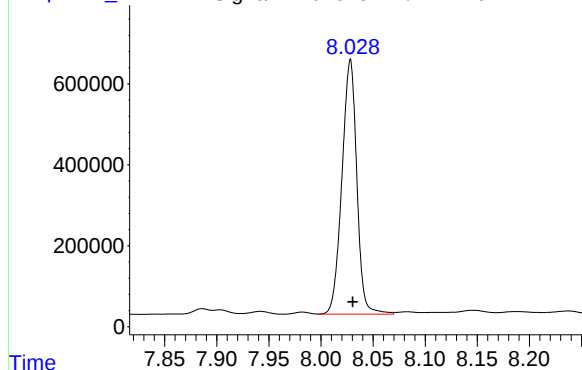
Integration File: autoint1.e
Quant Time: Sep 25 16:35:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 16:24:48 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



Signal: FF016452.D\FID2B.ch

#4 2-Bromonaphthalene (SURR)

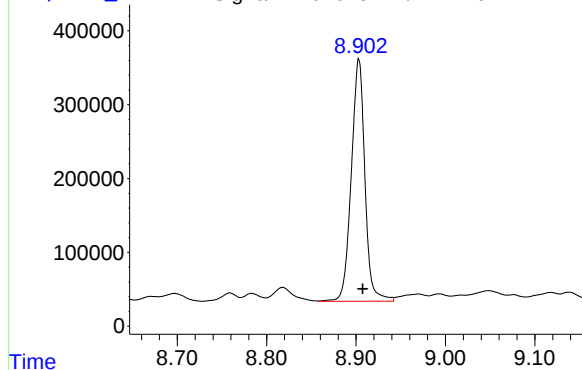


R.T.: 8.028 min
Delta R.T.: -0.003 min
Response: 6260500
Conc: 49.98 ug/ml

Instrument :
FID_F
ClientSampleId :
RB104

Signal: FF016452.D\FID2B.ch

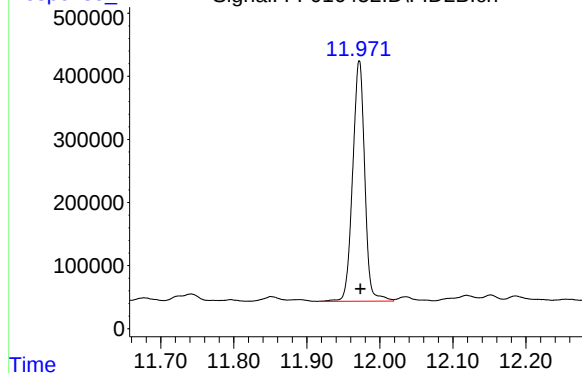
#6 2-Fluorobiphenyl (SURR)



R.T.: 8.903 min
Delta R.T.: -0.005 min
Response: 3469467
Conc: 41.14 ug/ml

Signal: FF016452.D\FID2B.ch

#11 ortho-Terphenyl (SURR)



R.T.: 11.972 min
Delta R.T.: -0.002 min
Response: 4382375
Conc: 28.75 ug/ml

Report

rteres

Area Percent

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092525AR\
 Data File : FF016452.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2025 15:50
 Sample : Q3192-01
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH
 092425.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.472	4.420	4.503	BV	550	6776	0.11%	0.008%
2	4.521	4.503	4.548	VV	1062	11545	0.18%	0.014%
3	4.582	4.548	4.604	VV	5220	56845	0.91%	0.071%
4	4.618	4.604	4.638	VV	1261	13930	0.22%	0.017%
5	4.656	4.638	4.678	VV	885	9631	0.15%	0.012%
6	4.711	4.678	4.722	PV	699	9943	0.16%	0.012%
7	4.738	4.722	4.755	VV	1432	19304	0.31%	0.024%
8	4.772	4.755	4.791	VV	2924	34989	0.56%	0.044%
9	4.799	4.791	4.819	VV	648	8316	0.13%	0.010%
10	4.835	4.819	4.851	VV	2542	25680	0.41%	0.032%
11	4.868	4.851	4.886	VV	5666	57740	0.92%	0.072%
12	4.892	4.886	4.910	VV	958	8704	0.14%	0.011%
13	4.945	4.910	4.960	VV	2473	34564	0.55%	0.043%
14	4.971	4.960	4.984	VV	1536	17309	0.28%	0.022%
15	5.000	4.984	5.017	VV	1783	23584	0.38%	0.029%
16	5.047	5.017	5.066	VV	2049	33844	0.54%	0.042%
17	5.092	5.066	5.139	VV	1859	35429	0.57%	0.044%
18	5.165	5.139	5.184	VV	2403	25721	0.41%	0.032%
19	5.201	5.184	5.240	VV	1050	14262	0.23%	0.018%
20	5.263	5.240	5.271	VV	2666	26445	0.42%	0.033%
21	5.289	5.271	5.320	VV	10670	134749	2.15%	0.168%
22	5.341	5.320	5.357	VV	4002	51702	0.83%	0.065%
23	5.371	5.357	5.391	VV	5226	60188	0.96%	0.075%
24	5.406	5.391	5.445	VV	2135	30340	0.48%	0.038%
25	5.471	5.445	5.481	PV	342	4875	0.08%	0.006%

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26	5.503	5.481	5.514	VV	1074	13945	0.22%	0.017%	
27	5.527	5.514	5.553	VV	2508	32801	0.52%	0.041%	
28	5.578	5.553	5.591	VV	2671	37991	0.61%	0.047%	
29	5.602	5.591	5.620	VV	2552	27562	0.44%	0.034%	
30	5.665	5.620	5.682	VV	1323	25826	0.41%	0.032%	
31	5.692	5.682	5.700	VV	463	4397	0.07%	0.005%	
32	5.724	5.700	5.747	VV	8410	123487	1.97%	0.154%	
33	5.752	5.747	5.763	VV	3101	26849	0.43%	0.034%	
34	5.771	5.763	5.790	VV	2716	27745	0.44%	0.035%	
35	5.800	5.790	5.819	VV	615	8802	0.14%	0.011%	
36	5.834	5.819	5.868	VV	791	12502	0.20%	0.016%	
37	5.915	5.868	5.941	VV	3740	69802	1.12%	0.087%	
38	5.951	5.941	5.967	VV	1588	16880	0.27%	0.021%	
39	5.991	5.967	5.999	VV	1177	15553	0.25%	0.019%	
40	6.016	5.999	6.034	VV	9154	106032	1.69%	0.132%	
41	6.038	6.034	6.078	VV	3675	39248	0.63%	0.049%	
42	6.116	6.078	6.131	VV	2746	35620	0.57%	0.044%	
43	6.161	6.131	6.185	VV	2220	39081	0.62%	0.049%	
44	6.205	6.185	6.225	VV	3263	41926	0.67%	0.052%	
45	6.259	6.225	6.280	VV	3474	58337	0.93%	0.073%	
46	6.335	6.280	6.349	VV	3295	75107	1.20%	0.094%	
47	6.360	6.349	6.378	VV	2059	21633	0.35%	0.027%	
48	6.405	6.378	6.421	PV	3504	48233	0.77%	0.060%	
49	6.444	6.421	6.464	VV	5909	95740	1.53%	0.120%	
50	6.482	6.464	6.512	VV	3352	66316	1.06%	0.083%	
51	6.529	6.512	6.547	VV	5909	70117	1.12%	0.088%	
52	6.550	6.547	6.559	VV	2390	15454	0.25%	0.019%	
53	6.572	6.559	6.626	VV	3559	82193	1.31%	0.103%	
54	6.633	6.626	6.648	VV	707	7332	0.12%	0.009%	
55	6.684	6.648	6.724	VV	7324	109601	1.75%	0.137%	
56	6.733	6.724	6.741	VV	562	4889	0.08%	0.006%	
57	6.765	6.741	6.812	VV	5825	87023	1.39%	0.109%	
58	6.848	6.812	6.861	VV	3228	44241	0.71%	0.055%	
59	6.879	6.861	6.897	VV	4884	70197	1.12%	0.088%	
60	6.915	6.897	6.938	VV	5860	72332	1.16%	0.090%	
61	6.961	6.938	6.978	VV	4679	59393	0.95%	0.074%	
62	6.991	6.978	7.002	VV	2391	24882	0.40%	0.031%	
63	7.012	7.002	7.025	VV	2181	24831	0.40%	0.031%	
64	7.044	7.025	7.065	VV	10698	108345	1.73%	0.135%	
65	7.085	7.065	7.094	PV	1928	21351	0.34%	0.027%	
66	7.110	7.094	7.135	VV	4259	54883	0.88%	0.069%	
67	7.167	7.135	7.195	VV	8284	133100	2.13%	0.166%	
68	7.205	7.195	7.228	VV	2475	34614	0.55%	0.043%	
69	7.246	7.228	7.261	VV	3482	43098	0.69%	0.054%	

				riteres				
70	7.293	7.261	7.313	VV	6958	117432	1.88%	0.147%
71	7.335	7.313	7.370	VV	11432	166934	2.67%	0.208%
72	7.402	7.370	7.430	VV	18698	261471	4.18%	0.326%
73	7.446	7.430	7.463	VV	4129	44851	0.72%	0.056%
74	7.485	7.463	7.523	VV	8984	152752	2.44%	0.191%
75	7.549	7.523	7.561	VV	5906	89820	1.44%	0.112%
76	7.570	7.561	7.600	VV	4666	62139	0.99%	0.078%
77	7.614	7.600	7.623	VV	1125	10792	0.17%	0.013%
78	7.642	7.623	7.660	VV	1821	26267	0.42%	0.033%
79	7.687	7.660	7.703	VV	24020	275643	4.40%	0.344%
80	7.714	7.703	7.733	VV	9855	120619	1.93%	0.151%
81	7.747	7.733	7.759	VV	7761	84185	1.35%	0.105%
82	7.769	7.759	7.774	VV	5476	45085	0.72%	0.056%
83	7.781	7.774	7.827	VV	5836	112905	1.80%	0.141%
84	7.840	7.827	7.845	PV	496	3701	0.06%	0.005%
85	7.859	7.845	7.865	VV	1080	9336	0.15%	0.012%
86	7.886	7.865	7.896	VV	14004	150004	2.40%	0.187%
87	7.903	7.896	7.923	VV	11184	113639	1.82%	0.142%
88	7.942	7.923	7.965	VV	7192	87945	1.41%	0.110%
89	7.982	7.965	7.997	VV	5259	49730	0.79%	0.062%
90	8.028	7.997	8.069	VV	631764	6258642	100.00%	7.813%
91	8.083	8.069	8.099	VV	5809	83234	1.33%	0.104%
92	8.111	8.099	8.116	VV	4117	39806	0.64%	0.050%
93	8.146	8.116	8.168	VV	9222	188833	3.02%	0.236%
94	8.187	8.168	8.213	VV	5894	124126	1.98%	0.155%
95	8.237	8.213	8.260	VV	7379	127750	2.04%	0.159%
96	8.289	8.260	8.300	VV	5304	81052	1.30%	0.101%
97	8.323	8.300	8.335	VV	20727	251418	4.02%	0.314%
98	8.346	8.335	8.377	VV	17567	202238	3.23%	0.252%
99	8.414	8.377	8.457	VV	10655	238029	3.80%	0.297%
100	8.502	8.457	8.532	VV	8992	189065	3.02%	0.236%
101	8.546	8.532	8.556	VV	5567	65373	1.04%	0.082%
102	8.575	8.556	8.591	VV	10054	151013	2.41%	0.189%
103	8.607	8.591	8.621	VV	10066	133658	2.14%	0.167%
104	8.633	8.621	8.653	VV	7918	106380	1.70%	0.133%
105	8.670	8.653	8.680	VV	7396	91184	1.46%	0.114%
106	8.697	8.680	8.729	VV	11265	186331	2.98%	0.233%
107	8.759	8.729	8.771	VV	11725	142281	2.27%	0.178%
108	8.783	8.771	8.799	VV	11141	135467	2.16%	0.169%
109	8.818	8.799	8.858	VV	19136	292180	4.67%	0.365%
110	8.903	8.858	8.941	VV	327453	3467858	55.41%	4.329%
111	8.970	8.941	8.982	VV	9715	185868	2.97%	0.232%
112	8.993	8.982	9.006	VV	9720	122654	1.96%	0.153%

rteres								
113	9.048	9.006	9.069	VV	13905	377281	6.03%	0.471%
114	9.076	9.069	9.090	VV	8427	87544	1.40%	0.109%
115	9.118	9.090	9.128	VV	11311	199483	3.19%	0.249%
116	9.138	9.128	9.158	VV	11618	151302	2.42%	0.189%
117	9.164	9.158	9.181	VV	4074	45187	0.72%	0.056%
118	9.197	9.181	9.209	VV	4721	64068	1.02%	0.080%
119	9.217	9.209	9.223	VV	4257	35916	0.57%	0.045%
120	9.243	9.223	9.267	VV	17028	255250	4.08%	0.319%
121	9.279	9.267	9.300	VV	7182	117220	1.87%	0.146%
122	9.324	9.300	9.344	VV	68492	762750	12.19%	0.952%
123	9.352	9.344	9.380	VV	8464	153577	2.45%	0.192%
124	9.413	9.380	9.428	VV	14618	224690	3.59%	0.280%
125	9.453	9.428	9.494	VV	15149	326374	5.21%	0.407%
126	9.516	9.494	9.537	VV	6434	104781	1.67%	0.131%
127	9.569	9.537	9.586	VV	10778	162347	2.59%	0.203%
128	9.602	9.586	9.616	VV	9136	107697	1.72%	0.134%
129	9.624	9.616	9.637	VV	5151	52241	0.83%	0.065%
130	9.653	9.637	9.670	VV	8041	104649	1.67%	0.131%
131	9.707	9.670	9.725	VV	16503	256991	4.11%	0.321%
132	9.731	9.725	9.744	VV	5762	56329	0.90%	0.070%
133	9.757	9.744	9.770	VV	5762	75871	1.21%	0.095%
134	9.792	9.770	9.810	VV	10195	164216	2.62%	0.205%
135	9.816	9.810	9.836	VV	4750	58344	0.93%	0.073%
136	9.871	9.836	9.907	VV	17426	364326	5.82%	0.455%
137	9.912	9.907	9.926	VV	4330	40602	0.65%	0.051%
138	9.941	9.926	9.955	VV	6315	82038	1.31%	0.102%
139	9.974	9.955	9.984	VV	8792	110887	1.77%	0.138%
140	9.996	9.984	10.015	VV	10228	143029	2.29%	0.179%
141	10.033	10.015	10.051	VV	9660	139593	2.23%	0.174%
142	10.071	10.051	10.100	VV	27361	374221	5.98%	0.467%
143	10.117	10.100	10.135	VV	8158	141818	2.27%	0.177%
144	10.157	10.135	10.186	VV	9759	222763	3.56%	0.278%
145	10.208	10.186	10.260	VV	8769	217694	3.48%	0.272%
146	10.283	10.260	10.297	VV	3172	54632	0.87%	0.068%
147	10.311	10.297	10.348	VV	4251	71242	1.14%	0.089%
148	10.378	10.348	10.427	PV	9431	169491	2.71%	0.212%
149	10.456	10.427	10.461	VV	2488	32508	0.52%	0.041%
150	10.478	10.461	10.495	VV	4903	67595	1.08%	0.084%
151	10.537	10.495	10.555	VV	9474	154705	2.47%	0.193%
152	10.560	10.555	10.573	VV	3602	31467	0.50%	0.039%
153	10.596	10.573	10.622	VV	13925	219629	3.51%	0.274%
154	10.670	10.622	10.697	VV	12295	326789	5.22%	0.408%
155	10.719	10.697	10.768	VV	17902	386500	6.18%	0.482%

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156	10.792	10.768	10.829	VV	26360	432030	6.90%	0.539%	
157	10.853	10.829	10.870	VV	37145	470444	7.52%	0.587%	
158	10.882	10.870	10.895	VV	15733	196011	3.13%	0.245%	
159	10.907	10.895	10.912	VV	14414	128637	2.06%	0.161%	
160	10.923	10.912	10.946	VV	17976	253727	4.05%	0.317%	
161	10.962	10.946	10.975	VV	8053	109727	1.75%	0.137%	
162	11.017	10.975	11.035	VV	28119	593830	9.49%	0.741%	
163	11.049	11.035	11.060	VV	16552	201329	3.22%	0.251%	
164	11.066	11.060	11.090	VV	14104	176170	2.81%	0.220%	
165	11.112	11.090	11.132	VV	19392	249632	3.99%	0.312%	
166	11.168	11.132	11.184	VV	13168	263585	4.21%	0.329%	
167	11.196	11.184	11.217	VV	11388	155679	2.49%	0.194%	
168	11.231	11.217	11.253	VV	5389	75293	1.20%	0.094%	
169	11.275	11.253	11.315	VV	8416	135395	2.16%	0.169%	
170	11.339	11.315	11.357	VV	3779	56276	0.90%	0.070%	
171	11.375	11.357	11.395	VV	2803	50452	0.81%	0.063%	
172	11.422	11.395	11.442	VV	4342	76945	1.23%	0.096%	
173	11.452	11.442	11.475	VV	2492	34231	0.55%	0.043%	
174	11.508	11.475	11.529	VV	9055	129641	2.07%	0.162%	
175	11.558	11.529	11.577	VV	6209	109887	1.76%	0.137%	
176	11.593	11.577	11.613	VV	6723	97280	1.55%	0.121%	
177	11.621	11.613	11.638	VV	3706	43822	0.70%	0.055%	
178	11.651	11.638	11.660	VV	3403	36312	0.58%	0.045%	
179	11.677	11.660	11.705	VV	6537	115938	1.85%	0.145%	
180	11.742	11.705	11.780	VV	12522	286057	4.57%	0.357%	
181	11.796	11.780	11.817	VV	3335	45179	0.72%	0.056%	
182	11.851	11.817	11.874	VV	7962	128500	2.05%	0.160%	
183	11.889	11.874	11.915	VV	2990	46919	0.75%	0.059%	
184	11.972	11.915	12.019	PV	381416	4384959	70.06%	5.474%	
185	12.035	12.019	12.075	VV	6816	103327	1.65%	0.129%	
186	12.119	12.075	12.136	VV	8758	173312	2.77%	0.216%	
187	12.152	12.136	12.169	VV	9121	116525	1.86%	0.145%	
188	12.186	12.169	12.236	VV	7280	127386	2.04%	0.159%	
189	12.254	12.236	12.274	VV	1757	22018	0.35%	0.027%	
190	12.304	12.274	12.325	PV	7625	118345	1.89%	0.148%	
191	12.341	12.325	12.354	VV	5503	63092	1.01%	0.079%	
192	12.374	12.354	12.393	VV	14661	189867	3.03%	0.237%	
193	12.408	12.393	12.430	VV	6378	74725	1.19%	0.093%	
194	12.477	12.430	12.491	VV	2606	49328	0.79%	0.062%	
195	12.507	12.491	12.520	VV	4205	39777	0.64%	0.050%	
196	12.541	12.520	12.552	VV	11729	138111	2.21%	0.172%	
197	12.573	12.552	12.602	VV	73287	885131	14.14%	1.105%	
198	12.619	12.602	12.639	VV	3936	64751	1.03%	0.081%	
199	12.654	12.639	12.667	VV	4090	44856	0.72%	0.056%	

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200	12.685	12.667	12.719	VV	10793	175336	2.80%	0.219%
201	12.758	12.719	12.778	VV	5514	113037	1.81%	0.141%
202	12.796	12.778	12.803	VV	7901	77276	1.23%	0.096%
203	12.814	12.803	12.841	VV	7511	109655	1.75%	0.137%
204	12.856	12.841	12.861	VV	1152	10548	0.17%	0.013%
205	12.906	12.861	12.930	VV	20569	337841	5.40%	0.422%
206	12.943	12.930	12.954	VV	7723	89374	1.43%	0.112%
207	12.970	12.954	12.998	VV	12821	165785	2.65%	0.207%
208	13.022	12.998	13.068	VV	53646	676746	10.81%	0.845%
209	13.078	13.068	13.092	VV	943	8758	0.14%	0.011%
210	13.100	13.092	13.105	VV	985	4936	0.08%	0.006%
211	13.122	13.105	13.135	VV	3001	39579	0.63%	0.049%
212	13.150	13.135	13.170	VV	5423	58231	0.93%	0.073%
213	13.183	13.170	13.192	PV	1007	7613	0.12%	0.010%
214	13.215	13.192	13.235	VV	5677	81946	1.31%	0.102%
215	13.270	13.235	13.297	VV	5419	119114	1.90%	0.149%
216	13.320	13.297	13.373	VV	47297	694965	11.10%	0.868%
217	13.412	13.373	13.441	VV	85848	1170964	18.71%	1.462%
218	13.454	13.441	13.481	VV	8338	136632	2.18%	0.171%
219	13.509	13.481	13.552	VV	9883	220123	3.52%	0.275%
220	13.593	13.552	13.614	PV	10528	204381	3.27%	0.255%
221	13.635	13.614	13.644	VV	14679	210635	3.37%	0.263%
222	13.655	13.644	13.701	VV	14949	285479	4.56%	0.356%
223	13.719	13.701	13.731	VV	6426	80001	1.28%	0.100%
224	13.748	13.731	13.771	VV	9084	138154	2.21%	0.172%
225	13.809	13.771	13.836	VV	62689	855373	13.67%	1.068%
226	13.840	13.836	13.857	VV	7222	82256	1.31%	0.103%
227	13.875	13.857	13.889	VV	6755	104186	1.66%	0.130%
228	13.911	13.889	13.941	VV	13328	207714	3.32%	0.259%
229	13.960	13.941	14.000	VV	7190	123325	1.97%	0.154%
230	14.022	14.000	14.048	VV	9879	161045	2.57%	0.201%
231	14.063	14.048	14.069	VV	6799	71614	1.14%	0.089%
232	14.092	14.069	14.144	VV	12521	311084	4.97%	0.388%
233	14.149	14.144	14.153	VV	1391	4312	0.07%	0.005%
234	14.189	14.153	14.215	VV	19637	385549	6.16%	0.481%
235	14.232	14.215	14.250	VV	8721	103325	1.65%	0.129%
236	14.294	14.250	14.306	PV	6914	151210	2.42%	0.189%
237	14.321	14.306	14.336	VV	4616	57492	0.92%	0.072%
238	14.344	14.336	14.349	VV	1837	6658	0.11%	0.008%
239	14.369	14.349	14.389	VV	6738	96661	1.54%	0.121%
240	14.402	14.389	14.419	VV	4045	47899	0.77%	0.060%
241	14.465	14.419	14.491	VV	7526	137368	2.19%	0.171%
242	14.501	14.491	14.508	PV	1680	9001	0.14%	0.011%

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243	14.530	14.508	14.551	VV	6473	84784	1.35%	0.106%	
244	14.566	14.551	14.570	VV	4871	35214	0.56%	0.044%	
245	14.577	14.570	14.586	VV	4734	34355	0.55%	0.043%	
246	14.610	14.586	14.617	VV	8279	110160	1.76%	0.138%	
247	14.645	14.617	14.664	VV	15610	264154	4.22%	0.330%	
248	14.670	14.664	14.696	VV	4803	66098	1.06%	0.083%	
249	14.701	14.696	14.706	VV	2289	10900	0.17%	0.014%	
250	14.754	14.706	14.765	VV	9764	209268	3.34%	0.261%	
251	14.787	14.765	14.809	VV	10105	217304	3.47%	0.271%	
252	14.833	14.809	14.849	VV	17439	282869	4.52%	0.353%	
253	14.856	14.849	14.873	VV	7866	75742	1.21%	0.095%	
254	14.892	14.873	14.922	VV	12113	159311	2.55%	0.199%	
255	14.931	14.922	14.940	PV	1611	11101	0.18%	0.014%	
256	14.957	14.940	14.970	VV	3684	35562	0.57%	0.044%	
257	15.017	14.970	15.039	VV	12691	215315	3.44%	0.269%	
258	15.058	15.039	15.082	VV	5392	81352	1.30%	0.102%	
259	15.112	15.082	15.152	VV	90379	1203747	19.23%	1.503%	
260	15.157	15.152	15.161	VV	3827	17279	0.28%	0.022%	
261	15.206	15.161	15.225	VV	25258	432580	6.91%	0.540%	
262	15.246	15.225	15.269	VV	24355	288863	4.62%	0.361%	
263	15.304	15.269	15.320	VV	10318	159466	2.55%	0.199%	
264	15.346	15.320	15.364	VV	15342	266022	4.25%	0.332%	
265	15.367	15.364	15.378	VV	13769	81761	1.31%	0.102%	
266	15.415	15.378	15.477	VV	19205	526139	8.41%	0.657%	
267	15.483	15.477	15.485	PV	1837	5007	0.08%	0.006%	
268	15.519	15.485	15.560	VV	16776	386806	6.18%	0.483%	
269	15.596	15.560	15.609	VV	7104	123035	1.97%	0.154%	
270	15.616	15.609	15.620	VV	1816	6199	0.10%	0.008%	
271	15.641	15.620	15.645	VV	10114	84642	1.35%	0.106%	
272	15.671	15.645	15.713	VV	25391	701647	11.21%	0.876%	
273	15.726	15.713	15.743	VV	13869	138958	2.22%	0.173%	
274	15.759	15.743	15.774	PV	7603	93840	1.50%	0.117%	
275	15.789	15.774	15.794	VV	13776	124311	1.99%	0.155%	
276	15.818	15.794	15.853	VV	28181	501622	8.01%	0.626%	
277	15.885	15.853	15.906	VV	29786	458012	7.32%	0.572%	
278	15.926	15.906	15.961	VV	19676	370597	5.92%	0.463%	
279	16.006	15.961	16.012	PV	12389	171723	2.74%	0.214%	
280	16.017	16.012	16.023	VV	10882	59528	0.95%	0.074%	
281	16.053	16.023	16.073	VV	18397	412500	6.59%	0.515%	
282	16.082	16.073	16.093	VV	9399	86713	1.39%	0.108%	
283	16.115	16.093	16.120	VV	5300	72212	1.15%	0.090%	
284	16.135	16.120	16.149	VV	7689	107334	1.71%	0.134%	
285	16.187	16.149	16.199	VV	17345	324782	5.19%	0.405%	

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286	16.217	16.199	16.234	VV	21196	361273	5.77%	0.451%	
287	16.253	16.234	16.267	VV	15526	260290	4.16%	0.325%	
288	16.280	16.267	16.290	VV	14422	179173	2.86%	0.224%	
289	16.294	16.290	16.297	VV	13142	49366	0.79%	0.062%	
290	16.327	16.297	16.349	VV	32004	684419	10.94%	0.854%	
291	16.361	16.349	16.383	VV	18767	264558	4.23%	0.330%	
292	16.397	16.383	16.407	VV	13677	156375	2.50%	0.195%	
293	16.417	16.407	16.445	VV	11543	164079	2.62%	0.205%	
294	16.497	16.445	16.514	PV	24400	605170	9.67%	0.755%	
295	16.527	16.514	16.540	VV	14887	168273	2.69%	0.210%	
296	16.562	16.540	16.567	VV	12691	164639	2.63%	0.206%	
297	16.594	16.567	16.622	VV	22726	487379	7.79%	0.608%	
298	16.642	16.622	16.670	VV	15438	314837	5.03%	0.393%	
299	16.697	16.670	16.722	VV	30391	510827	8.16%	0.638%	
300	16.782	16.722	16.814	PV	40038	1001756	16.01%	1.251%	
301	16.832	16.814	16.849	VV	17321	267401	4.27%	0.334%	
302	16.886	16.849	16.897	VV	30661	620398	9.91%	0.774%	
303	16.916	16.897	16.939	VV	35757	666723	10.65%	0.832%	
304	16.959	16.939	16.980	VV	28236	520347	8.31%	0.650%	
305	17.003	16.980	17.036	VV	36536	735553	11.75%	0.918%	
306	17.071	17.036	17.086	VV	28323	510271	8.15%	0.637%	
307	17.103	17.086	17.120	VV	29160	452040	7.22%	0.564%	
308	17.126	17.120	17.132	VV	16304	109562	1.75%	0.137%	
309	17.159	17.132	17.197	VV	26743	609437	9.74%	0.761%	
310	17.208	17.197	17.226	VV	17155	242395	3.87%	0.303%	
311	17.284	17.226	17.296	VV	29193	896026	14.32%	1.119%	
312	17.314	17.296	17.355	VV	28204	654479	10.46%	0.817%	
313	17.363	17.355	17.367	VV	14195	83820	1.34%	0.105%	
314	17.371	17.367	17.379	VV	16533	91286	1.46%	0.114%	
315	17.382	17.379	17.390	VV	13378	73402	1.17%	0.092%	
316	17.399	17.390	17.404	VV	15787	101360	1.62%	0.127%	
317	17.413	17.404	17.423	VV	17763	148577	2.37%	0.185%	
318	17.449	17.423	17.469	VV	20383	425216	6.79%	0.531%	
319	17.479	17.469	17.496	VV	27030	365643	5.84%	0.456%	
320	17.513	17.496	17.527	VV	24499	392712	6.27%	0.490%	
321	17.549	17.527	17.557	VV	18967	303342	4.85%	0.379%	
322	17.578	17.557	17.598	VV	36428	626829	10.02%	0.782%	
323	17.605	17.598	17.611	VV	22689	155557	2.49%	0.194%	
324	17.663	17.611	17.677	VV	34292	947725	15.14%	1.183%	
325	17.683	17.677	17.718	VV	28402	407263	6.51%	0.508%	
326	17.755	17.718	17.762	VV	21282	379443	6.06%	0.474%	
327	17.773	17.762	17.787	VV	19439	259273	4.14%	0.324%	
328	17.792	17.787	17.797	VV	16054	79483	1.27%	0.099%	
329	17.826	17.797	17.832	VV	25859	375489	6.00%	0.469%	

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330	17.841	17.832	17.861	VV	22404	268348	4.29%	0.335%
331	17.891	17.861	17.914	VV	40133	767579	12.26%	0.958%
332	17.922	17.914	17.930	VV	15041	136480	2.18%	0.170%
333	17.963	17.930	17.968	VV	16665	287657	4.60%	0.359%
334	17.982	17.968	18.006	VV	18122	303528	4.85%	0.379%
335	18.012	18.006	18.028	VV	13595	116939	1.87%	0.146%
336	18.044	18.028	18.049	VV	19008	159546	2.55%	0.199%
337	18.062	18.049	18.100	VV	31463	627399	10.02%	0.783%
338	18.132	18.100	18.138	VV	27874	442903	7.08%	0.553%
339	18.159	18.138	18.190	VV	40441	720937	11.52%	0.900%
340	18.196	18.190	18.202	VV	12277	65831	1.05%	0.082%
341	18.208	18.202	18.219	VV	12430	66576	1.06%	0.083%
342	18.249	18.219	18.262	PV	15349	256402	4.10%	0.320%
343	18.300	18.262	18.329	VV	61368	1384835	22.13%	1.729%
344	18.349	18.329	18.369	VV	25518	441186	7.05%	0.551%
345	18.373	18.369	18.382	VV	14602	84192	1.35%	0.105%
346	18.394	18.382	18.401	VV	11680	102103	1.63%	0.127%
347	18.411	18.401	18.415	VV	12017	67332	1.08%	0.084%
348	18.422	18.415	18.434	VV	16838	122012	1.95%	0.152%
349	18.445	18.434	18.463	VV	18505	166748	2.66%	0.208%
350	18.482	18.463	18.495	VV	20523	231456	3.70%	0.289%
351	18.514	18.495	18.524	VV	26960	303685	4.85%	0.379%
352	18.542	18.524	18.569	VV	30593	593117	9.48%	0.740%
353	18.576	18.569	18.588	VV	12510	91476	1.46%	0.114%
354	18.594	18.588	18.598	PV	8425	26392	0.42%	0.033%
355	18.609	18.598	18.615	VV	15845	119165	1.90%	0.149%
356	18.622	18.615	18.631	VV	18769	131801	2.11%	0.165%
357	18.638	18.631	18.652	VV	13977	103531	1.65%	0.129%
358	18.674	18.652	18.699	VV	40880	629385	10.06%	0.786%
359	18.703	18.699	18.724	VV	20730	206418	3.30%	0.258%
360	18.739	18.724	18.745	VV	13347	111625	1.78%	0.139%
361	18.749	18.745	18.764	VV	10410	64596	1.03%	0.081%
362	18.791	18.764	18.796	PV	21546	210767	3.37%	0.263%
363	18.805	18.796	18.842	VV	22486	254990	4.07%	0.318%

Sum of corrected areas: 80107867

Aromatic EPH 092425.M Thu Sep 25 16:44:06 2025

5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AL\
Data File : FG016648.D
Signal(s) : FID1A.ch
Acq On : 25 Sep 2025 15:50
Operator : YP\AJ
Sample : Q3192-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
RB104

Integration File: autoint1.e
Quant Time: Sep 25 16:46:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 16:20:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.505	4846190	42.935 ug/ml
Spiked Amount 50.000		Recovery =	85.87%

Target Compounds

(f)=RT Delta > 1/2 Window

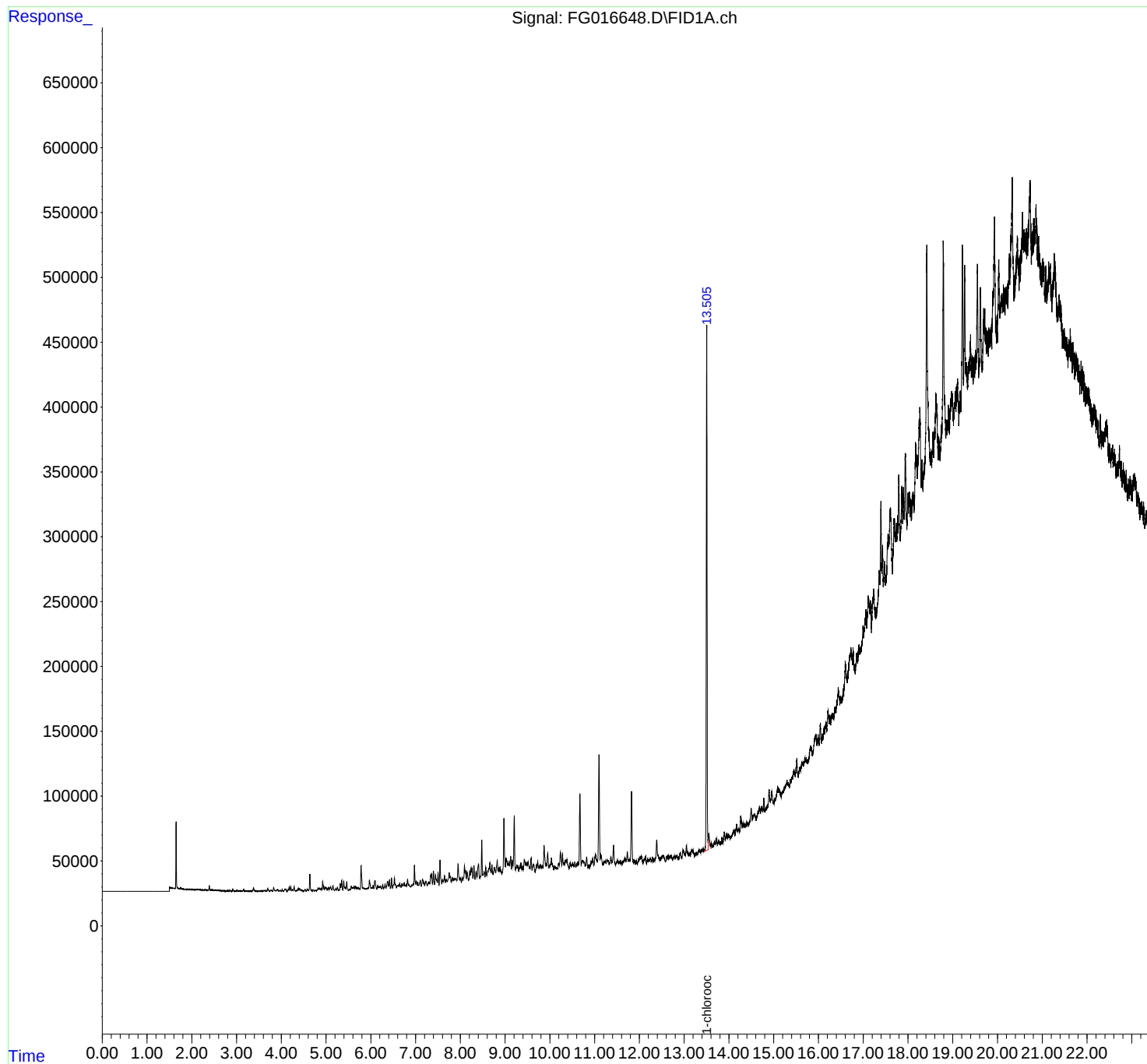
(m)=manual int.

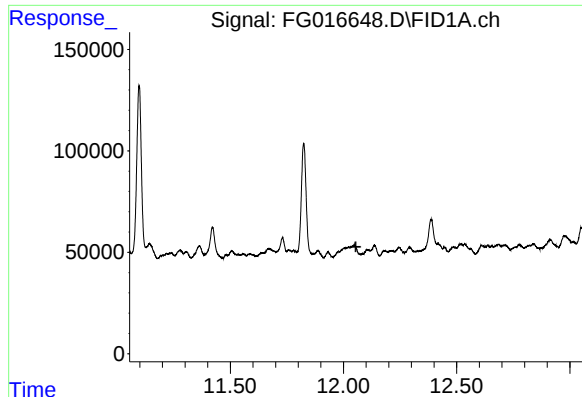
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AL\
Data File : FG016648.D
Signal(s) : FID1A.ch
Acq On : 25 Sep 2025 15:50
Operator : YP\AJ
Sample : Q3192-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
RB104

Integration File: autoint1.e
Quant Time: Sep 25 16:46:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 16:20:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 u1
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

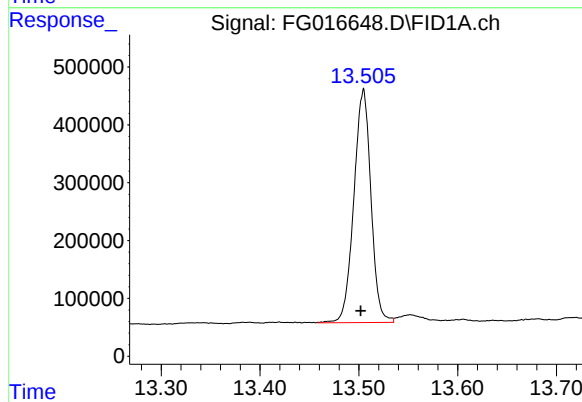




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 12.055 min
Response: 0
Conc: N.D.

Instrument :
FID_G
ClientSampleId :
RB104



#12 1-chlorooctadecane (SURR)

R.T.: 13.505 min
Delta R.T.: 0.003 min
Response: 4846190
Conc: 42.94 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AL\
 Data File : FG016648.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2025 15:50
 Sample : Q3192-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.302	3.255	3.318	BV	98	745	0.00%	0.000%
2	3.341	3.318	3.351	PV	238	2411	0.01%	0.000%
3	3.378	3.351	3.416	VV	2768	42231	0.23%	0.007%
4	3.427	3.416	3.463	VV	378	5611	0.03%	0.001%
5	3.495	3.463	3.507	PV	208	2717	0.02%	0.000%
6	3.524	3.507	3.538	VV	512	6299	0.03%	0.001%
7	3.552	3.538	3.578	VV	550	7253	0.04%	0.001%
8	3.595	3.578	3.607	VV	489	6363	0.04%	0.001%
9	3.623	3.607	3.645	VV	784	11470	0.06%	0.002%
10	3.661	3.645	3.676	VV	480	6406	0.04%	0.001%
11	3.696	3.676	3.741	VV	1709	30859	0.17%	0.005%
12	3.772	3.741	3.808	VV	993	19965	0.11%	0.003%
13	3.829	3.808	3.876	VV	2761	46447	0.26%	0.008%
14	3.912	3.876	3.948	VV	1568	32702	0.18%	0.006%
15	3.968	3.948	4.002	VV	821	15660	0.09%	0.003%
16	4.018	4.002	4.043	VV	1208	12847	0.07%	0.002%
17	4.079	4.043	4.131	VV	1772	44563	0.25%	0.008%
18	4.177	4.131	4.193	PV	3590	50938	0.28%	0.009%
19	4.210	4.193	4.230	VV	3844	44496	0.25%	0.008%
20	4.246	4.230	4.266	VV	1403	21187	0.12%	0.004%
21	4.287	4.266	4.311	VV	3571	44889	0.25%	0.008%
22	4.324	4.311	4.335	VV	365	4590	0.03%	0.001%
23	4.380	4.335	4.395	VV	2609	41667	0.23%	0.007%
24	4.410	4.395	4.438	VV	2243	35384	0.20%	0.006%
25	4.450	4.438	4.495	VV	1065	18593	0.10%	0.003%
26	4.533	4.495	4.555	PV	1517	24387	0.13%	0.004%
27	4.580	4.555	4.606	VV	1527	24853	0.14%	0.004%
28	4.638	4.606	4.692	VV	13219	157452	0.87%	0.028%
29	4.713	4.692	4.737	VV	1190	15943	0.09%	0.003%
30	4.767	4.737	4.781	VV	630	9521	0.05%	0.002%
31	4.826	4.781	4.841	VV	2154	43174	0.24%	0.008%

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					rt	Area	%Area	%Area
32	4.855	4.841	4.875	VV	2069	32949	0.18%	0.006%
33	4.892	4.875	4.906	VV	2310	28898	0.16%	0.005%
34	4.925	4.906	4.940	VV	7408	76320	0.42%	0.013%
35	4.950	4.940	4.966	VV	3547	36724	0.20%	0.006%
36	4.985	4.966	4.996	VV	2599	36465	0.20%	0.006%
37	5.004	4.996	5.021	VV	2655	28847	0.16%	0.005%
38	5.057	5.021	5.072	VV	2933	51565	0.29%	0.009%
39	5.103	5.072	5.125	VV	3300	64798	0.36%	0.011%
40	5.155	5.125	5.193	VV	4141	67899	0.38%	0.012%
41	5.221	5.193	5.238	VV	2031	28976	0.16%	0.005%
42	5.257	5.238	5.280	VV	2532	34287	0.19%	0.006%
43	5.319	5.280	5.332	VV	5388	68174	0.38%	0.012%
44	5.350	5.332	5.374	VV	7965	100845	0.56%	0.018%
45	5.395	5.374	5.416	VV	7058	89293	0.49%	0.016%
46	5.427	5.416	5.442	VV	2841	34726	0.19%	0.006%
47	5.462	5.442	5.500	VV	6967	91286	0.50%	0.016%
48	5.529	5.500	5.542	PV	961	15781	0.09%	0.003%
49	5.563	5.542	5.577	VV	3477	43600	0.24%	0.008%
50	5.587	5.577	5.610	VV	2268	37710	0.21%	0.007%
51	5.628	5.610	5.643	VV	3530	48075	0.27%	0.008%
52	5.659	5.643	5.675	VV	3200	40562	0.22%	0.007%
53	5.689	5.675	5.706	VV	2044	30777	0.17%	0.005%
54	5.724	5.706	5.741	VV	2195	32027	0.18%	0.006%
55	5.753	5.741	5.761	VV	1007	9672	0.05%	0.002%
56	5.784	5.761	5.818	VV	18706	271563	1.50%	0.047%
57	5.828	5.818	5.843	VV	1859	21222	0.12%	0.004%
58	5.857	5.843	5.871	VV	1402	18455	0.10%	0.003%
59	5.881	5.871	5.894	VV	769	9267	0.05%	0.002%
60	5.913	5.894	5.925	VV	1265	16866	0.09%	0.003%
61	5.937	5.925	5.947	VV	1430	14680	0.08%	0.003%
62	5.970	5.947	6.022	VV	7316	139945	0.77%	0.024%
63	6.050	6.022	6.065	VV	3212	46931	0.26%	0.008%
64	6.093	6.065	6.132	VV	7079	138163	0.76%	0.024%
65	6.152	6.132	6.165	VV	3138	33416	0.18%	0.006%
66	6.176	6.165	6.185	VV	2071	19886	0.11%	0.003%
67	6.196	6.185	6.207	VV	2113	23123	0.13%	0.004%
68	6.219	6.207	6.237	VV	2612	29668	0.16%	0.005%
69	6.266	6.237	6.285	VV	3399	41530	0.23%	0.007%
70	6.319	6.285	6.338	PV	3777	55496	0.31%	0.010%
71	6.376	6.338	6.396	VV	5780	111674	0.62%	0.020%
72	6.417	6.396	6.439	VV	7004	87607	0.48%	0.015%
73	6.463	6.439	6.486	VV	8084	92048	0.51%	0.016%
74	6.528	6.486	6.574	VV	7945	158644	0.88%	0.028%
75	6.614	6.574	6.627	VV	2203	50426	0.28%	0.009%
76	6.644	6.627	6.673	VV	3880	55156	0.30%	0.010%
77	6.694	6.673	6.720	VV	3261	56202	0.31%	0.010%
78	6.745	6.720	6.777	VV	3966	76012	0.42%	0.013%
79	6.790	6.777	6.802	VV	2079	23897	0.13%	0.004%

80	6.820	6.802	6.893	VV	6241	114791	0.63%	0.020%
81	6.911	6.893	6.924	VV	1790	19305	0.11%	0.003%
82	6.945	6.924	6.955	VV	2553	32992	0.18%	0.006%
83	6.975	6.955	7.001	VV	16845	203540	1.13%	0.036%
84	7.016	7.001	7.036	VV	4513	65046	0.36%	0.011%
85	7.048	7.036	7.071	VV	3480	40282	0.22%	0.007%
86	7.106	7.071	7.127	VV	4648	78212	0.43%	0.014%
87	7.155	7.127	7.203	VV	5244	128553	0.71%	0.022%
88	7.231	7.203	7.261	VV	3801	69594	0.38%	0.012%
89	7.300	7.261	7.318	VV	2828	61703	0.34%	0.011%
90	7.354	7.318	7.376	VV	9235	201454	1.11%	0.035%
91	7.398	7.376	7.423	VV	11267	140418	0.78%	0.025%
92	7.445	7.423	7.484	VV	8303	158788	0.88%	0.028%
93	7.502	7.484	7.523	VV	9373	107855	0.60%	0.019%
94	7.545	7.523	7.585	PV	19340	262618	1.45%	0.046%
95	7.602	7.585	7.617	VV	3912	53833	0.30%	0.009%
96	7.647	7.617	7.666	VV	6856	116959	0.65%	0.020%
97	7.691	7.666	7.708	VV	3345	68092	0.38%	0.012%
98	7.752	7.708	7.766	VV	8875	176595	0.98%	0.031%
99	7.775	7.766	7.798	VV	5930	77834	0.43%	0.014%
100	7.823	7.798	7.852	VV	3987	102524	0.57%	0.018%
101	7.864	7.852	7.882	VV	4145	62048	0.34%	0.011%
102	7.898	7.882	7.922	VV	4018	75169	0.42%	0.013%
103	7.949	7.922	7.983	VV	14913	255676	1.41%	0.045%
104	8.002	7.983	8.021	VV	3418	58596	0.32%	0.010%
105	8.041	8.021	8.056	VV	3847	50424	0.28%	0.009%
106	8.092	8.056	8.106	VV	13017	197192	1.09%	0.034%
107	8.115	8.106	8.133	VV	9436	117703	0.65%	0.021%
108	8.151	8.133	8.187	VV	7796	149427	0.83%	0.026%
109	8.210	8.187	8.223	VV	8157	109756	0.61%	0.019%
110	8.238	8.223	8.249	VV	10278	133596	0.74%	0.023%
111	8.260	8.249	8.280	VV	10702	132576	0.73%	0.023%
112	8.304	8.280	8.326	VV	12487	174655	0.97%	0.031%
113	8.352	8.326	8.371	VV	7645	133486	0.74%	0.023%
114	8.405	8.371	8.434	VV	13249	289506	1.60%	0.051%
115	8.479	8.434	8.504	VV	31421	422605	2.34%	0.074%
116	8.532	8.504	8.551	VV	6441	140126	0.77%	0.024%
117	8.569	8.551	8.589	VV	10151	140274	0.78%	0.025%
118	8.660	8.589	8.687	VV	13325	465781	2.57%	0.081%
119	8.707	8.687	8.728	VV	11444	188928	1.04%	0.033%
120	8.759	8.728	8.790	VV	9340	256784	1.42%	0.045%
121	8.824	8.790	8.842	VV	14381	295057	1.63%	0.052%
122	8.852	8.842	8.867	VV	8280	108909	0.60%	0.019%
123	8.884	8.867	8.926	VV	9214	227246	1.26%	0.040%
124	8.974	8.926	9.007	VV	46529	809481	4.47%	0.142%
125	9.023	9.007	9.073	VV	15516	484010	2.68%	0.085%
126	9.088	9.073	9.102	VV	12716	190400	1.05%	0.033%

					rtres			
127	9.124	9.102	9.143	VV	16244	295929	1.64%	0.052%
128	9.160	9.143	9.175	VV	13429	210836	1.17%	0.037%
129	9.205	9.175	9.232	VV	47514	733430	4.05%	0.128%
130	9.258	9.232	9.271	VV	8788	176949	0.98%	0.031%
131	9.284	9.271	9.304	VV	9026	140261	0.78%	0.025%
132	9.328	9.304	9.337	VV	7599	131542	0.73%	0.023%
133	9.354	9.337	9.372	VV	10734	173040	0.96%	0.030%
134	9.390	9.372	9.405	VV	7772	132995	0.74%	0.023%
135	9.431	9.405	9.455	VV	12739	294097	1.63%	0.051%
136	9.472	9.455	9.491	VV	9938	197808	1.09%	0.035%
137	9.510	9.491	9.558	VV	10766	339424	1.88%	0.059%
138	9.580	9.558	9.604	VV	13299	240882	1.33%	0.042%
139	9.636	9.604	9.668	VV	8134	242222	1.34%	0.042%
140	9.700	9.668	9.712	VV	8034	142187	0.79%	0.025%
141	9.729	9.712	9.764	VV	10421	226084	1.25%	0.040%
142	9.782	9.764	9.815	VV	7829	199612	1.10%	0.035%
143	9.831	9.815	9.847	VV	6801	114825	0.63%	0.020%
144	9.871	9.847	9.926	VV	22545	550427	3.04%	0.096%
145	9.951	9.926	9.980	VV	16236	328400	1.82%	0.057%
146	10.035	9.980	10.083	VV	12150	435149	2.41%	0.076%
147	10.109	10.083	10.156	VV	5093	188281	1.04%	0.033%
148	10.197	10.156	10.209	VV	7421	160713	0.89%	0.028%
149	10.236	10.209	10.265	VV	15900	357539	1.98%	0.063%
150	10.282	10.265	10.326	VV	14617	320574	1.77%	0.056%
151	10.356	10.326	10.373	VV	9101	234192	1.29%	0.041%
152	10.384	10.373	10.430	VV	9575	206084	1.14%	0.036%
153	10.454	10.430	10.475	VV	7115	135093	0.75%	0.024%
154	10.495	10.475	10.505	VV	5470	87401	0.48%	0.015%
155	10.518	10.505	10.539	VV	5522	104171	0.58%	0.018%
156	10.557	10.539	10.579	VV	6996	119787	0.66%	0.021%
157	10.628	10.579	10.641	VV	6470	185443	1.03%	0.032%
158	10.671	10.641	10.701	VV	59568	908941	5.02%	0.159%
159	10.723	10.701	10.789	VV	7673	329788	1.82%	0.058%
160	10.821	10.789	10.848	VV	10022	201908	1.12%	0.035%
161	10.867	10.848	10.888	VV	3890	71927	0.40%	0.013%
162	10.955	10.888	10.984	VV	8801	305149	1.69%	0.053%
163	11.023	10.984	11.063	VV	11048	366033	2.02%	0.064%
164	11.097	11.063	11.128	VV	88219	1389632	7.68%	0.243%
165	11.143	11.128	11.178	VV	10163	222173	1.23%	0.039%
166	11.240	11.178	11.255	VV	5277	204244	1.13%	0.036%
167	11.279	11.255	11.294	VV	6525	129714	0.72%	0.023%
168	11.305	11.294	11.328	VV	5694	91234	0.50%	0.016%
169	11.363	11.328	11.385	VV	8422	187809	1.04%	0.033%
170	11.421	11.385	11.468	VV	17285	363086	2.01%	0.063%
171	11.507	11.468	11.545	VV	5304	174097	0.96%	0.030%
172	11.559	11.545	11.571	VV	3654	52816	0.29%	0.009%
173	11.586	11.571	11.615	VV	3568	82594	0.46%	0.014%
174	11.639	11.615	11.647	VV	3884	63592	0.35%	0.011%

175	11.669	11.647	11.702	VV	5832	162713	0.90%	0.028%
176	11.730	11.702	11.749	VV	11252	196667	1.09%	0.034%
177	11.758	11.749	11.793	VV	5041	118938	0.66%	0.021%
178	11.824	11.793	11.871	VV	57367	915125	5.06%	0.160%
179	11.887	11.871	11.912	VV	4267	68377	0.38%	0.012%
180	11.931	11.912	11.955	VV	3312	48955	0.27%	0.009%
181	12.047	11.955	12.075	VV	6388	296266	1.64%	0.052%
182	12.105	12.075	12.118	VV	3911	72793	0.40%	0.013%
183	12.137	12.118	12.160	VV	5922	94757	0.52%	0.017%
184	12.181	12.160	12.195	VV	3025	49775	0.28%	0.009%
185	12.213	12.195	12.225	VV	3113	48495	0.27%	0.008%
186	12.245	12.225	12.268	VV	4631	85894	0.47%	0.015%
187	12.292	12.268	12.317	VV	4328	88946	0.49%	0.016%
188	12.387	12.317	12.463	VV	17756	515219	2.85%	0.090%
189	12.486	12.463	12.500	VV	3881	70317	0.39%	0.012%
190	12.519	12.500	12.528	VV	5123	76849	0.42%	0.013%
191	12.536	12.528	12.583	VV	5241	98444	0.54%	0.017%
192	12.611	12.583	12.627	PV	4003	67430	0.37%	0.012%
193	12.637	12.627	12.664	VV	4050	76705	0.42%	0.013%
194	12.684	12.664	12.696	VV	4172	66964	0.37%	0.012%
195	12.711	12.696	12.738	VV	3368	68679	0.38%	0.012%
196	12.778	12.738	12.797	VV	3115	74146	0.41%	0.013%
197	12.840	12.797	12.866	VV	2938	80490	0.44%	0.014%
198	12.913	12.866	12.950	VV	4433	106349	0.59%	0.019%
199	12.975	12.950	13.028	VV	5821	160814	0.89%	0.028%
200	13.051	13.028	13.098	VV	9158	184954	1.02%	0.032%
201	13.115	13.098	13.131	VV	2647	40868	0.23%	0.007%
202	13.171	13.131	13.185	VV	4652	97237	0.54%	0.017%
203	13.198	13.185	13.237	VV	4053	65849	0.36%	0.012%
204	13.275	13.237	13.298	PV	1280	17988	0.10%	0.003%
205	13.340	13.298	13.365	PV	2024	51517	0.28%	0.009%
206	13.387	13.365	13.401	VV	2169	30755	0.17%	0.005%
207	13.419	13.401	13.431	VV	1951	26775	0.15%	0.005%
208	13.434	13.431	13.442	VV	1385	7152	0.04%	0.001%
209	13.504	13.442	13.535	VV	401871	4861372	26.87%	0.850%
210	13.552	13.535	13.585	VV	12787	233911	1.29%	0.041%
211	13.605	13.585	13.624	VV	4276	64791	0.36%	0.011%
212	13.636	13.624	13.651	VV	2060	23458	0.13%	0.004%
213	13.680	13.651	13.697	VV	4189	70976	0.39%	0.012%
214	13.717	13.697	13.742	VV	5691	102544	0.57%	0.018%
215	13.770	13.742	13.801	VV	2953	80342	0.44%	0.014%
216	13.808	13.801	13.821	VV	1665	14380	0.08%	0.003%
217	13.841	13.821	13.863	VV	4879	59151	0.33%	0.010%
218	13.898	13.863	13.920	PV	7819	141376	0.78%	0.025%
219	13.946	13.920	13.970	VV	5716	113429	0.63%	0.020%
220	13.988	13.970	14.047	VV	3941	89430	0.49%	0.016%
221	14.116	14.047	14.137	VV	4738	121919	0.67%	0.021%

					rt	Area	%Area	%Total
222	14.172	14.137	14.197	VV	7355	139672	0.77%	0.024%
223	14.214	14.197	14.233	VV	2979	44517	0.25%	0.008%
224	14.266	14.233	14.301	VV	11448	220558	1.22%	0.039%
225	14.316	14.301	14.335	VV	5315	75524	0.42%	0.013%
226	14.349	14.335	14.371	VV	4017	57014	0.32%	0.010%
227	14.408	14.371	14.433	VV	2982	80061	0.44%	0.014%
228	14.497	14.433	14.519	PV	11760	262257	1.45%	0.046%
229	14.563	14.519	14.605	VV	5071	193709	1.07%	0.034%
230	14.649	14.605	14.663	PV	4946	92685	0.51%	0.016%
231	14.681	14.663	14.704	VV	7729	128005	0.71%	0.022%
232	14.737	14.704	14.758	VV	6013	138926	0.77%	0.024%
233	14.780	14.758	14.805	VV	11083	150487	0.83%	0.026%
234	14.829	14.805	14.838	VV	2421	29515	0.16%	0.005%
235	14.896	14.838	14.927	VV	14143	299463	1.66%	0.052%
236	14.954	14.927	15.007	VV	11043	254247	1.41%	0.044%
237	15.032	15.007	15.045	PV	3339	50467	0.28%	0.009%
238	15.089	15.045	15.107	VV	10247	240205	1.33%	0.042%
239	15.121	15.107	15.171	VV	7805	166723	0.92%	0.029%
240	15.209	15.171	15.220	VV	2992	70077	0.39%	0.012%
241	15.233	15.220	15.241	VV	4613	41383	0.23%	0.007%
242	15.296	15.241	15.316	VV	8280	240476	1.33%	0.042%
243	15.323	15.316	15.350	VV	4874	73490	0.41%	0.013%
244	15.371	15.350	15.384	VV	5765	86125	0.48%	0.015%
245	15.451	15.384	15.480	VV	11030	404844	2.24%	0.071%
246	15.515	15.480	15.548	VV	15857	375554	2.08%	0.066%
247	15.584	15.548	15.605	VV	8256	199780	1.10%	0.035%
248	15.626	15.605	15.665	VV	10439	305965	1.69%	0.053%
249	15.697	15.665	15.748	VV	11726	451424	2.50%	0.079%
250	15.759	15.748	15.778	VV	7412	126219	0.70%	0.022%
251	15.826	15.778	15.868	VV	15628	634119	3.51%	0.111%
252	15.945	15.868	15.968	VV	21502	947468	5.24%	0.166%
253	15.992	15.968	16.014	VV	17794	404640	2.24%	0.071%
254	16.042	16.014	16.068	VV	25947	573209	3.17%	0.100%
255	16.126	16.068	16.136	VV	19740	641529	3.55%	0.112%
256	16.170	16.136	16.185	VV	23599	567790	3.14%	0.099%
257	16.215	16.185	16.240	VV	29174	811124	4.48%	0.142%
258	16.254	16.240	16.274	VV	24854	454460	2.51%	0.079%
259	16.304	16.274	16.341	VV	24755	880174	4.87%	0.154%
260	16.370	16.341	16.381	VV	26261	560548	3.10%	0.098%
261	16.444	16.381	16.477	VV	40508	1791690	9.90%	0.313%
262	16.494	16.477	16.510	VV	30767	570662	3.15%	0.100%
263	16.518	16.510	16.525	VV	28259	265465	1.47%	0.046%
264	16.601	16.525	16.644	VV	52467	2765209	15.29%	0.483%
265	16.727	16.644	16.761	VV	60771	3575675	19.77%	0.625%
266	16.777	16.761	16.820	VV	56408	1698112	9.39%	0.297%
267	16.854	16.820	16.874	VV	51622	1484853	8.21%	0.260%
268	16.905	16.874	16.920	VV	56246	1427461	7.89%	0.250%
269	16.933	16.920	16.948	VV	52977	859281	4.75%	0.150%

270	16.996	16.948	17.008	VV	68485	2102346	11.62%	0.368%
271	17.061	17.008	17.079	VV	76693	2973855	16.44%	0.520%
272	17.112	17.079	17.148	VV	85363	3215496	17.77%	0.562%
273	17.158	17.148	17.185	VV	77708	1602238	8.86%	0.280%
274	17.232	17.185	17.274	VV	87223	4095060	22.64%	0.716%
275	17.359	17.274	17.373	VV	98039	4636035	25.63%	0.811%
276	17.395	17.373	17.416	VV	150200	3085912	17.06%	0.540%
277	17.432	17.416	17.450	VV	115243	2065031	11.41%	0.361%
278	17.474	17.450	17.505	VV	99432	2992397	16.54%	0.523%
279	17.556	17.505	17.572	VV	116918	4213384	23.29%	0.737%
280	17.605	17.572	17.655	VV	136807	5841685	32.29%	1.021%
281	17.690	17.655	17.718	VV	125307	4239829	23.44%	0.741%
282	17.739	17.718	17.751	VV	117840	2267741	12.54%	0.396%
283	17.769	17.751	17.777	VV	126214	1838500	10.16%	0.321%
284	17.794	17.777	17.827	VV	156483	3892078	21.51%	0.680%
285	17.862	17.827	17.881	VV	142882	4038590	22.32%	0.706%
286	17.897	17.881	17.918	VV	141434	2931017	16.20%	0.512%
287	17.942	17.918	17.980	VV	168780	5137427	28.40%	0.898%
288	17.999	17.980	18.012	VV	133515	2404577	13.29%	0.420%
289	18.030	18.012	18.048	VV	135620	2791611	15.43%	0.488%
290	18.062	18.048	18.075	VV	126567	1980251	10.95%	0.346%
291	18.118	18.075	18.135	VV	132102	4517353	24.97%	0.790%
292	18.172	18.135	18.211	VV	164329	6774198	37.45%	1.184%
293	18.266	18.211	18.295	VV	192018	8309816	45.93%	1.453%
294	18.313	18.295	18.335	VV	147692	3239980	17.91%	0.566%
295	18.419	18.335	18.505	VV	308144	18090699	100.00%	3.163%
296	18.512	18.505	18.531	VV	149866	2336447	12.92%	0.408%
297	18.558	18.531	18.574	VV	162972	3933487	21.74%	0.688%
298	18.624	18.574	18.721	VV	190306	14159716	78.27%	2.476%
299	18.789	18.721	18.843	VV	300181	13809914	76.34%	2.414%
300	18.856	18.843	18.877	VV	161715	3251142	17.97%	0.568%
301	18.905	18.877	18.927	VV	169241	4816267	26.62%	0.842%
302	18.954	18.927	18.964	VV	175312	3662534	20.25%	0.640%
303	18.984	18.964	19.031	VV	177096	6825140	37.73%	1.193%
304	19.109	19.031	19.135	VV	185154	10698505	59.14%	1.870%
305	19.217	19.135	19.245	VV	281485	12671679	70.05%	2.215%
306	19.266	19.245	19.303	VV	263814	7485178	41.38%	1.309%
307	19.309	19.303	19.331	VV	190262	3089616	17.08%	0.540%
308	19.397	19.331	19.421	VV	209558	10125344	55.97%	1.770%
309	19.437	19.421	19.454	VV	190013	3596373	19.88%	0.629%
310	19.465	19.454	19.501	VV	185943	5166318	28.56%	0.903%
311	19.515	19.501	19.523	VV	192434	2508075	13.86%	0.438%
312	19.551	19.523	19.581	VV	257984	7357255	40.67%	1.286%
313	19.619	19.581	19.655	VV	236845	8772796	48.49%	1.534%
314	19.716	19.655	19.728	VV	216430	8729447	48.25%	1.526%
315	19.738	19.728	19.751	VV	201870	2713991	15.00%	0.474%
316	19.771	19.751	19.794	VV	199793	4879912	26.97%	0.853%

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317	19.832	19.794	19.842	VV	196771	5623798	31.09%	0.983%
318	19.862	19.842	19.871	VV	195668	3338751	18.46%	0.584%
319	19.933	19.871	19.978	VV	277967	14375102	79.46%	2.513%
320	19.988	19.978	19.998	VV	199999	2325893	12.86%	0.407%
321	20.029	19.998	20.058	VV	241387	7782003	43.02%	1.361%
322	20.095	20.058	20.125	VV	216434	8428214	46.59%	1.474%
323	20.134	20.125	20.155	VV	218303	3838784	21.22%	0.671%
324	20.188	20.155	20.234	VV	218387	10164947	56.19%	1.777%
325	20.264	20.234	20.274	VV	240738	5426550	30.00%	0.949%
326	20.331	20.274	20.392	VV	296226	16952040	93.71%	2.964%
327	20.445	20.392	20.515	VV	243269	16794121	92.83%	2.936%
328	20.526	20.515	20.534	VV	231817	2610872	14.43%	0.456%
329	20.558	20.534	20.582	VV	259226	7104259	39.27%	1.242%
330	20.592	20.582	20.605	VV	248323	3394016	18.76%	0.593%
331	20.614	20.605	20.675	VV	244491	9822963	54.30%	1.717%
332	20.725	20.675	20.758	VV	280950	12736619	70.40%	2.227%
333	20.776	20.758	20.787	VV	238114	3992212	22.07%	0.698%
334	20.802	20.787	20.811	VV	246390	3489011	19.29%	0.610%
335	20.821	20.811	20.846	VV	242233	5032545	27.82%	0.880%
336	20.861	20.846	20.905	VV	256481	8276811	45.75%	1.447%
337	20.919	20.905	20.991	VV	224670	10934648	60.44%	1.912%
338	21.015	20.991	21.061	VV	211623	8328019	46.03%	1.456%
339	21.078	21.061	21.111	VV	205245	5779993	31.95%	1.011%
340	21.143	21.111	21.154	VV	197597	4877401	26.96%	0.853%
341	21.178	21.154	21.225	VV	201803	7972993	44.07%	1.394%
342	21.271	21.225	21.338	VV	204228	12446976	68.80%	2.176%
343	21.345	21.338	21.354	VV	160715	1509187	8.34%	0.264%
344	21.376	21.354	21.461	VV	172541	10029315	55.44%	1.753%
345	21.492	21.461	21.548	VV	140888	6920726	38.26%	1.210%
346	21.551	21.548	21.578	VV	133260	2212151	12.23%	0.387%
347	21.595	21.578	21.617	VV	128349	2915016	16.11%	0.510%
348	21.626	21.617	21.671	VV	136904	3951120	21.84%	0.691%
349	21.687	21.671	21.744	VV	121778	4869210	26.92%	0.851%
350	21.762	21.744	21.838	VV	113732	5771679	31.90%	1.009%
351	21.867	21.838	22.117	VV	101671	12707233	70.24%	2.222%
352	22.149	22.117	22.281	VV	60157	4608292	25.47%	0.806%
353	22.298	22.281	22.321	VV	46856	835326	4.62%	0.146%
354	22.328	22.321	22.365	VV	33571	769916	4.26%	0.135%
355	22.414	22.365	22.516	VV	39621	2268706	12.54%	0.397%
356	22.524	22.516	22.532	VV	11429	77158	0.43%	0.013%
357	22.547	22.532	22.581	VV	12186	254013	1.40%	0.044%
358	22.593	22.581	22.601	PBA	5967	381392	2.11%	0.067%
Sum of corrected areas:						571973612		

Aliphatic EPH 092425.M Thu Sep 25 16:51:11 2025

5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AL\
Data File : FG016650.D
Signal(s) : FID1A.ch
Acq On : 25 Sep 2025 16:52
Operator : YP\AJ
Sample : Q3192-01DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
RB104DL

Integration File: autoint1.e
Quant Time: Sep 25 18:13:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 16:20:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.509	510531	4.523 ug/ml
Spiked Amount 50.000		Recovery =	9.05%

Target Compounds

(f)=RT Delta > 1/2 Window

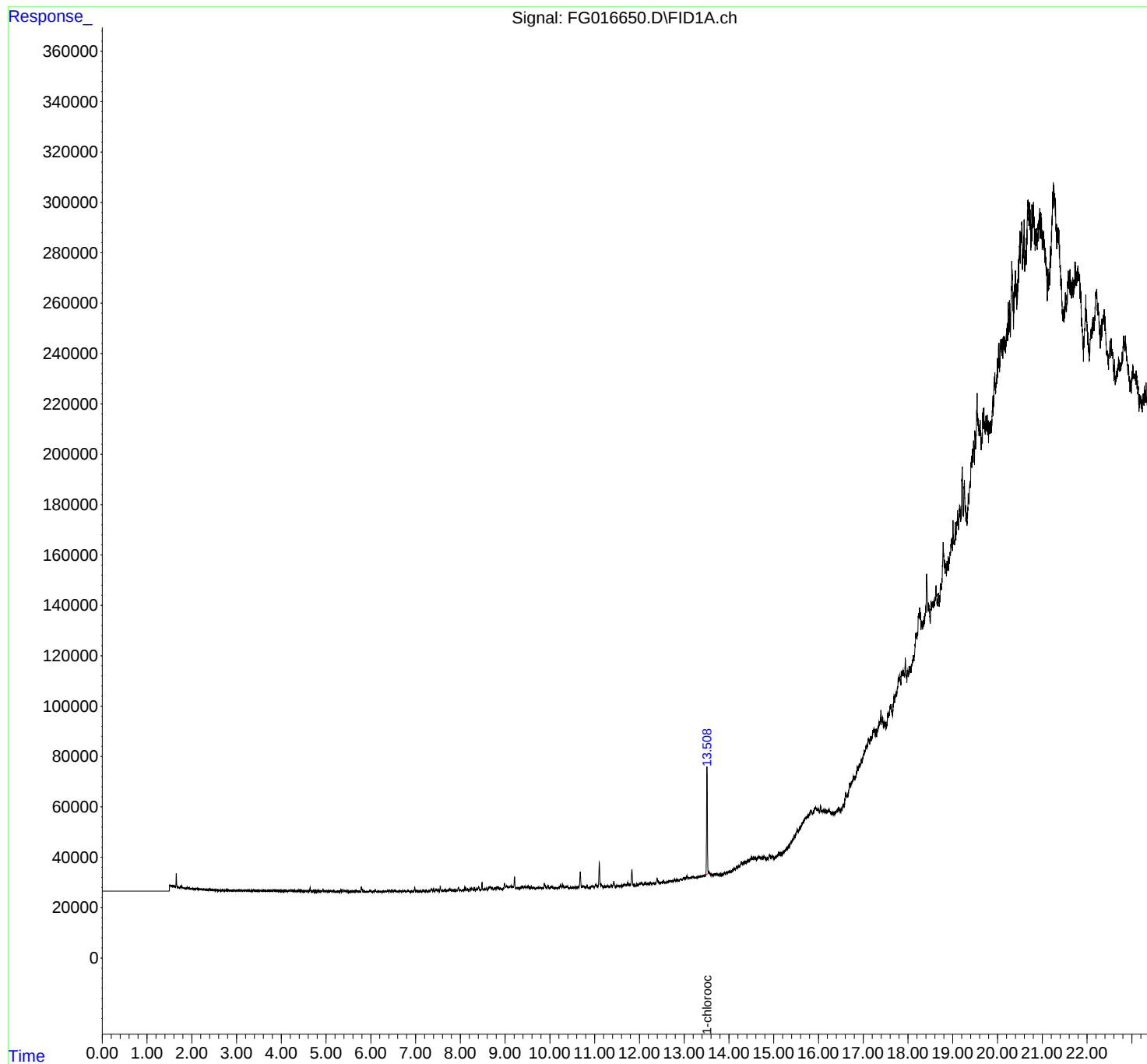
(m)=manual int.

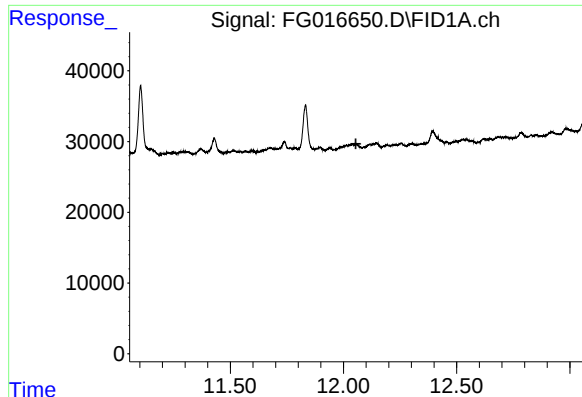
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AL\
Data File : FG016650.D
Signal(s) : FID1A.ch
Acq On : 25 Sep 2025 16:52
Operator : YP\AJ
Sample : Q3192-01DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
RB104DL

Integration File: autoint1.e
Quant Time: Sep 25 18:13:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 16:20:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 12.055 min
Response: 0
Conc: N.D.

Instrument :
FID_G
ClientSampleId :
RB104DL

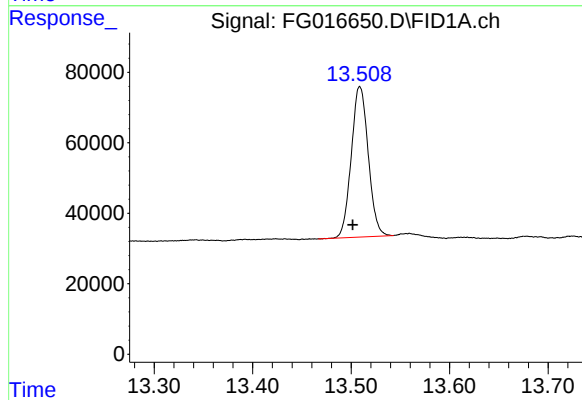
5

A

B

C

D



#12 1-chlorooctadecane (SURR)

R.T.: 13.509 min
Delta R.T.: 0.007 min
Response: 510531
Conc: 4.52 ug/ml

E

F

G

H

I

J

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AL\
 Data File : FG016650.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2025 16:52
 Sample : Q3192-01DL 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.282	3.221	3.325	BV	75	1715	0.05%	0.003%
2	3.334	3.325	3.343	VV	64	401	0.01%	0.001%
3	3.383	3.343	3.438	PV	380	8292	0.22%	0.014%
4	3.443	3.438	3.471	VV	79	1251	0.03%	0.002%
5	3.482	3.471	3.495	VV	114	1013	0.03%	0.002%
6	3.499	3.495	3.516	VV	127	1075	0.03%	0.002%
7	3.533	3.516	3.588	VV	118	3851	0.10%	0.007%
8	3.595	3.588	3.610	VV	140	1425	0.04%	0.002%
9	3.627	3.610	3.687	VV	167	5524	0.15%	0.010%
10	3.699	3.687	3.741	VV	227	5008	0.13%	0.009%
11	3.772	3.741	3.808	VV	190	5178	0.14%	0.009%
12	3.834	3.808	3.884	VV	369	8981	0.24%	0.016%
13	3.915	3.884	3.960	VV	276	7010	0.19%	0.012%
14	3.974	3.960	4.011	VV	233	4004	0.11%	0.007%
15	4.024	4.011	4.057	VV	196	2897	0.08%	0.005%
16	4.083	4.057	4.144	VV	228	7325	0.20%	0.013%
17	4.181	4.144	4.197	VV	443	7119	0.19%	0.012%
18	4.215	4.197	4.238	VV	483	6150	0.17%	0.011%
19	4.252	4.238	4.269	VV	221	3120	0.08%	0.005%
20	4.292	4.269	4.314	VV	414	6184	0.17%	0.011%
21	4.386	4.314	4.399	VV	307	7760	0.21%	0.013%
22	4.416	4.399	4.437	VV	322	4666	0.13%	0.008%
23	4.453	4.437	4.492	VV	212	3827	0.10%	0.007%
24	4.538	4.492	4.561	PV	235	4930	0.13%	0.009%
25	4.584	4.561	4.613	VV	220	4315	0.12%	0.008%
26	4.720	4.701	4.745	VV	237	3202	0.09%	0.006%
27	4.765	4.745	4.804	VV	141	3100	0.08%	0.005%
28	4.831	4.804	4.847	VV	242	4584	0.12%	0.008%
29	4.860	4.847	4.880	VV	264	3750	0.10%	0.007%
30	4.897	4.880	4.912	VV	220	3508	0.09%	0.006%
31	4.930	4.912	4.945	VV	790	8406	0.23%	0.015%

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					rt	Area	%Area	%Area
32	4.955	4.945	4.972	VV	410	4385	0.12%	0.008%
33	5.010	4.972	5.035	VV	369	8859	0.24%	0.015%
34	5.063	5.035	5.081	VV	390	6050	0.16%	0.011%
35	5.108	5.081	5.128	VV	386	6496	0.18%	0.011%
36	5.161	5.128	5.198	VV	469	8143	0.22%	0.014%
37	5.227	5.198	5.244	VV	239	3198	0.09%	0.006%
38	5.264	5.244	5.308	VV	284	4979	0.13%	0.009%
39	5.325	5.308	5.338	VV	602	6763	0.18%	0.012%
40	5.357	5.338	5.379	VV	885	11502	0.31%	0.020%
41	5.401	5.379	5.424	VV	857	10991	0.30%	0.019%
42	5.433	5.424	5.449	VV	340	3804	0.10%	0.007%
43	5.468	5.449	5.505	VV	800	10502	0.28%	0.018%
44	5.524	5.505	5.547	PV	114	1970	0.05%	0.003%
45	5.571	5.547	5.583	VV	432	5229	0.14%	0.009%
46	5.591	5.583	5.614	VV	286	4359	0.12%	0.008%
47	5.632	5.614	5.650	VV	432	6005	0.16%	0.010%
48	5.665	5.650	5.685	VV	397	5070	0.14%	0.009%
49	5.695	5.685	5.711	VV	310	3523	0.09%	0.006%
50	5.730	5.711	5.747	VV	279	4308	0.12%	0.007%
51	5.757	5.747	5.767	VV	150	1478	0.04%	0.003%
52	5.865	5.847	5.901	VV	233	4249	0.11%	0.007%
53	5.915	5.901	5.929	VV	202	2194	0.06%	0.004%
54	5.946	5.929	5.955	VV	202	2233	0.06%	0.004%
55	5.977	5.955	6.031	VV	864	16145	0.44%	0.028%
56	6.057	6.031	6.071	VV	347	5362	0.14%	0.009%
57	6.100	6.071	6.137	VV	858	16471	0.44%	0.029%
58	6.158	6.137	6.191	VV	363	6797	0.18%	0.012%
59	6.203	6.191	6.213	VV	323	3390	0.09%	0.006%
60	6.225	6.213	6.241	VV	295	3697	0.10%	0.006%
61	6.272	6.241	6.295	PV	420	6206	0.17%	0.011%
62	6.325	6.295	6.348	VV	441	7992	0.22%	0.014%
63	6.381	6.348	6.402	VV	687	13685	0.37%	0.024%
64	6.423	6.402	6.445	VV	867	11796	0.32%	0.021%
65	6.469	6.445	6.491	VV	982	12657	0.34%	0.022%
66	6.534	6.491	6.581	VV	957	21636	0.58%	0.038%
67	6.598	6.581	6.638	VV	342	8428	0.23%	0.015%
68	6.651	6.638	6.680	VV	538	7754	0.21%	0.013%
69	6.700	6.680	6.717	VV	410	6451	0.17%	0.011%
70	6.751	6.717	6.784	VV	525	11931	0.32%	0.021%
71	6.797	6.784	6.808	VV	244	2926	0.08%	0.005%
72	6.826	6.808	6.875	VV	781	13269	0.36%	0.023%
73	6.916	6.875	6.930	VV	246	3642	0.10%	0.006%
74	6.951	6.930	6.960	VV	244	3511	0.09%	0.006%
75	6.980	6.960	7.006	VV	1899	22527	0.61%	0.039%
76	7.022	7.006	7.042	VV	538	7888	0.21%	0.014%
77	7.055	7.042	7.081	VV	439	5154	0.14%	0.009%
78	7.112	7.081	7.133	VV	537	8309	0.22%	0.014%
79	7.159	7.133	7.208	PV	574	14091	0.38%	0.024%

80	7.238	7.208	7.264	VV	431	8248	0.22%	0.014%
81	7.307	7.264	7.323	VV	430	7956	0.21%	0.014%
82	7.342	7.323	7.350	VV	974	10348	0.28%	0.018%
83	7.360	7.350	7.385	VV	1038	13707	0.37%	0.024%
84	7.404	7.385	7.430	VV	1319	17180	0.46%	0.030%
85	7.450	7.430	7.490	VV	881	17982	0.48%	0.031%
86	7.508	7.490	7.531	VV	1104	12273	0.33%	0.021%
87	7.551	7.531	7.591	PV	2124	28243	0.76%	0.049%
88	7.608	7.591	7.621	VV	436	5342	0.14%	0.009%
89	7.654	7.621	7.675	VV	753	13319	0.36%	0.023%
90	7.700	7.675	7.714	VV	457	7185	0.19%	0.012%
91	7.758	7.714	7.806	VV	1023	27906	0.75%	0.049%
92	7.824	7.806	7.858	VV	420	10165	0.27%	0.018%
93	7.871	7.858	7.888	VV	430	5750	0.16%	0.010%
94	7.904	7.888	7.931	VV	410	7619	0.21%	0.013%
95	7.956	7.931	7.991	VV	1581	27242	0.73%	0.047%
96	8.005	7.991	8.027	VV	408	5528	0.15%	0.010%
97	8.047	8.027	8.063	VV	419	5714	0.15%	0.010%
98	8.099	8.063	8.113	VV	1308	19498	0.53%	0.034%
99	8.122	8.113	8.139	VV	953	11048	0.30%	0.019%
100	8.156	8.139	8.198	VV	707	14925	0.40%	0.026%
101	8.216	8.198	8.227	VV	796	9797	0.26%	0.017%
102	8.243	8.227	8.255	VV	1021	13960	0.38%	0.024%
103	8.267	8.255	8.287	VV	1105	13795	0.37%	0.024%
104	8.311	8.287	8.331	VV	1304	17398	0.47%	0.030%
105	8.358	8.331	8.377	VV	831	13364	0.36%	0.023%
106	8.411	8.377	8.440	VV	1430	28646	0.77%	0.050%
107	8.485	8.440	8.508	VV	3308	41125	1.11%	0.072%
108	8.539	8.508	8.558	VV	668	14423	0.39%	0.025%
109	8.575	8.558	8.597	VV	1041	14291	0.39%	0.025%
110	8.666	8.597	8.695	VV	1593	56265	1.52%	0.098%
111	8.713	8.695	8.734	VV	1191	18289	0.49%	0.032%
112	8.764	8.734	8.798	VV	896	26520	0.71%	0.046%
113	8.832	8.798	8.848	VV	1341	29218	0.79%	0.051%
114	8.859	8.848	8.873	VV	796	10150	0.27%	0.018%
115	8.890	8.873	8.931	VV	869	19305	0.52%	0.034%
116	8.986	8.931	9.014	VV	2658	56811	1.53%	0.099%
117	9.030	9.014	9.080	VV	1663	50217	1.35%	0.087%
118	9.095	9.080	9.108	VV	1277	19027	0.51%	0.033%
119	9.132	9.108	9.149	VV	1783	32574	0.88%	0.057%
120	9.167	9.149	9.184	VV	1422	24354	0.66%	0.042%
121	9.210	9.184	9.239	VV	5111	77290	2.08%	0.134%
122	9.265	9.239	9.276	VV	802	15290	0.41%	0.027%
123	9.290	9.276	9.311	VV	867	13922	0.38%	0.024%
124	9.360	9.311	9.373	VV	1075	26614	0.72%	0.046%
125	9.392	9.373	9.415	VV	1375	25696	0.69%	0.045%
126	9.440	9.415	9.461	VV	1256	27432	0.74%	0.048%

					rt	Area	Height	%Area
127	9.483	9.461	9.497	VV	1060	20051	0.54%	0.035%
128	9.515	9.497	9.565	VV	1084	33668	0.91%	0.059%
129	9.585	9.565	9.610	VV	1250	20419	0.55%	0.036%
130	9.638	9.610	9.674	VV	660	18190	0.49%	0.032%
131	9.706	9.674	9.719	VV	620	10452	0.28%	0.018%
132	9.736	9.719	9.771	VV	911	16230	0.44%	0.028%
133	9.789	9.771	9.820	VV	620	13465	0.36%	0.023%
134	9.837	9.820	9.855	VV	556	8104	0.22%	0.014%
135	9.878	9.855	9.933	VV	2197	48241	1.30%	0.084%
136	9.957	9.933	9.987	VV	1593	29728	0.80%	0.052%
137	10.041	9.987	10.091	VV	1027	33588	0.91%	0.058%
138	10.135	10.091	10.180	VV	360	12425	0.33%	0.022%
139	10.202	10.180	10.215	VV	654	9228	0.25%	0.016%
140	10.242	10.215	10.271	VV	1525	32489	0.88%	0.056%
141	10.288	10.271	10.335	VV	1602	29960	0.81%	0.052%
142	10.365	10.335	10.378	VV	752	16988	0.46%	0.030%
143	10.391	10.378	10.438	VV	816	15547	0.42%	0.027%
144	10.461	10.438	10.478	VV	513	7311	0.20%	0.013%
145	10.499	10.478	10.545	VV	395	12594	0.34%	0.022%
146	10.564	10.545	10.590	VV	604	8420	0.23%	0.015%
147	10.635	10.590	10.648	VV	534	11276	0.30%	0.020%
148	10.677	10.648	10.707	VV	6444	92085	2.48%	0.160%
149	10.735	10.707	10.753	VV	780	17223	0.46%	0.030%
150	10.761	10.753	10.795	VV	644	11826	0.32%	0.021%
151	10.829	10.795	10.856	VV	933	15450	0.42%	0.027%
152	10.874	10.856	10.891	PV	203	2337	0.06%	0.004%
153	10.932	10.891	10.941	PV	575	8599	0.23%	0.015%
154	10.961	10.941	10.992	VV	756	15675	0.42%	0.027%
155	11.031	10.992	11.067	VV	1277	31353	0.85%	0.055%
156	11.104	11.067	11.187	VV	9825	167624	4.52%	0.291%
157	11.223	11.187	11.238	PV	305	6100	0.16%	0.011%
158	11.249	11.238	11.265	VV	310	4061	0.11%	0.007%
159	11.289	11.265	11.338	VV	412	11907	0.32%	0.021%
160	11.369	11.338	11.391	VV	655	11704	0.32%	0.020%
161	11.429	11.391	11.469	VV	2199	35083	0.95%	0.061%
162	11.513	11.469	11.534	VV	327	6775	0.18%	0.012%
163	11.543	11.534	11.554	VV	170	1675	0.05%	0.003%
164	11.565	11.554	11.581	VV	199	1850	0.05%	0.003%
165	11.595	11.581	11.614	VV	289	3057	0.08%	0.005%
166	11.675	11.614	11.711	VV	558	18689	0.50%	0.032%
167	11.739	11.711	11.796	VV	1370	30318	0.82%	0.053%
168	11.832	11.796	11.872	VV	6420	97947	2.64%	0.170%
169	11.896	11.872	11.919	VV	414	6628	0.18%	0.012%
170	11.940	11.919	11.955	PV	243	2972	0.08%	0.005%
171	12.054	11.955	12.085	VV	639	29672	0.80%	0.052%
172	12.145	12.085	12.168	VV	658	19090	0.51%	0.033%
173	12.193	12.168	12.207	VV	342	5094	0.14%	0.009%
174	12.255	12.207	12.278	VV	497	11681	0.31%	0.020%

175	12.301	12.278	12.324	VV	335	6228	0.17%	0.011%
176	12.395	12.324	12.468	VV	1981	55967	1.51%	0.097%
177	12.528	12.468	12.588	VV	620	25547	0.69%	0.044%
178	12.619	12.588	12.659	PV	502	13927	0.38%	0.024%
179	12.685	12.659	12.702	VV	656	13349	0.36%	0.023%
180	12.713	12.702	12.747	VV	568	11461	0.31%	0.020%
181	12.784	12.747	12.813	VV	936	21938	0.59%	0.038%
182	12.849	12.813	12.878	VV	533	15838	0.43%	0.028%
183	12.921	12.878	12.953	VV	735	22100	0.60%	0.038%
184	12.983	12.953	13.033	VV	1064	35495	0.96%	0.062%
185	13.060	13.033	13.106	VV	1796	43713	1.18%	0.076%
186	13.180	13.106	13.196	VV	1031	42266	1.14%	0.073%
187	13.207	13.196	13.248	VV	955	21463	0.58%	0.037%
188	13.254	13.248	13.265	VV	559	4963	0.13%	0.009%
189	13.280	13.265	13.297	VV	688	11743	0.32%	0.020%
190	13.341	13.297	13.371	VV	832	29730	0.80%	0.052%
191	13.392	13.371	13.400	VV	845	12272	0.33%	0.021%
192	13.424	13.400	13.447	VV	934	23403	0.63%	0.041%
193	13.509	13.447	13.543	VV	44124	574478	15.49%	0.999%
194	13.557	13.543	13.597	VV	2121	48115	1.30%	0.084%
195	13.614	13.597	13.658	VV	905	25600	0.69%	0.045%
196	13.678	13.658	13.708	VV	1054	22252	0.60%	0.039%
197	13.725	13.708	13.751	VV	977	17080	0.46%	0.030%
198	13.778	13.751	13.805	VV	495	11565	0.31%	0.020%
199	13.812	13.805	13.831	VV	295	2927	0.08%	0.005%
200	13.847	13.831	13.869	VV	620	7640	0.21%	0.013%
201	13.903	13.869	13.926	PV	842	14472	0.39%	0.025%
202	13.952	13.926	13.973	VV	841	13845	0.37%	0.024%
203	14.028	13.973	14.051	VV	551	20473	0.55%	0.036%
204	14.236	14.200	14.244	VV	1493	36891	0.99%	0.064%
205	14.276	14.244	14.308	VV	2964	85161	2.30%	0.148%
206	14.325	14.308	14.347	VV	2327	51635	1.39%	0.090%
207	14.566	14.526	14.580	VV	3002	90368	2.44%	0.157%
208	14.590	14.580	14.616	VV	2634	52901	1.43%	0.092%
209	14.654	14.616	14.673	VV	2603	79641	2.15%	0.138%
210	14.691	14.673	14.711	VV	2493	51251	1.38%	0.089%
211	14.744	14.711	14.761	VV	2069	57742	1.56%	0.100%
212	14.788	14.761	14.821	VV	2243	58036	1.56%	0.101%
213	14.834	14.821	14.850	VV	1236	17143	0.46%	0.030%
214	14.866	14.850	14.875	VV	923	12949	0.35%	0.023%
215	14.906	14.875	14.945	VV	2115	54167	1.46%	0.094%
216	14.963	14.945	14.997	VV	1537	30306	0.82%	0.053%
217	15.009	14.997	15.017	VV	360	2629	0.07%	0.005%
218	15.129	15.017	15.141	PV	819	36358	0.98%	0.063%
219	15.157	15.141	15.174	VV	594	7584	0.20%	0.013%
220	15.304	15.174	15.316	PV	1160	38734	1.04%	0.067%
221	15.997	15.978	16.026	VV	7597	197797	5.33%	0.344%

					rt	Area	%Area	%Total
222	16.046	16.026	16.068	VV	7926	171597	4.63%	0.298%
223	16.084	16.068	16.113	VV	5750	147568	3.98%	0.257%
224	16.131	16.113	16.151	VV	5344	113656	3.06%	0.198%
225	16.172	16.151	16.197	VV	4693	116585	3.14%	0.203%
226	16.298	16.284	16.312	VV	2281	34755	0.94%	0.060%
227	16.324	16.312	16.348	VV	1905	32548	0.88%	0.057%
228	16.362	16.348	16.373	VV	1180	15414	0.42%	0.027%
229	16.413	16.373	16.423	VV	1216	32304	0.87%	0.056%
230	16.452	16.423	16.488	VV	2195	48727	1.31%	0.085%
231	16.552	16.488	16.568	PV	1031	21620	0.58%	0.038%
232	16.698	16.650	16.711	VV	5123	124195	3.35%	0.216%
233	16.736	16.711	16.743	VV	4838	80777	2.18%	0.140%
234	16.781	16.743	16.798	VV	5592	158266	4.27%	0.275%
235	16.874	16.798	16.888	VV	6472	271838	7.33%	0.473%
236	16.959	16.888	16.968	VV	7254	297456	8.02%	0.517%
237	17.063	16.968	17.081	VV	9788	548656	14.79%	0.954%
238	17.125	17.081	17.144	VV	10468	371993	10.03%	0.647%
239	17.165	17.144	17.180	VV	10623	205500	5.54%	0.357%
240	17.220	17.180	17.230	VV	11180	311332	8.39%	0.541%
241	17.248	17.230	17.268	VV	11199	233474	6.29%	0.406%
242	17.287	17.268	17.301	VV	10059	177362	4.78%	0.308%
243	17.357	17.301	17.381	VV	10687	464431	12.52%	0.807%
244	17.395	17.381	17.415	VV	14504	240723	6.49%	0.419%
245	17.432	17.415	17.458	VV	10660	224950	6.06%	0.391%
246	17.468	17.458	17.481	VV	7750	99049	2.67%	0.172%
247	17.492	17.481	17.508	VV	6760	96484	2.60%	0.168%
248	17.555	17.508	17.565	VV	8916	227957	6.15%	0.396%
249	17.602	17.565	17.654	VV	10334	463644	12.50%	0.806%
250	17.688	17.654	17.700	VV	11927	254064	6.85%	0.442%
251	17.783	17.700	17.791	VV	16279	682160	18.39%	1.186%
252	17.818	17.791	17.836	VV	16528	404901	10.91%	0.704%
253	17.868	17.836	17.878	VV	16523	383924	10.35%	0.667%
254	17.894	17.878	17.919	VV	16295	367567	9.91%	0.639%
255	17.940	17.919	17.975	VV	19339	488372	13.17%	0.849%
256	17.986	17.975	18.004	VV	13715	217433	5.86%	0.378%
257	18.034	18.004	18.051	VV	13944	355368	9.58%	0.618%
258	18.117	18.051	18.132	VV	15496	648609	17.48%	1.128%
259	18.188	18.132	18.214	VV	22449	968545	26.11%	1.684%
260	18.260	18.214	18.273	VV	30202	965011	26.01%	1.678%
261	18.279	18.273	18.325	VV	28109	757495	20.42%	1.317%
262	18.355	18.325	18.370	VV	24489	607282	16.37%	1.056%
263	18.415	18.370	18.496	VV	39547	2047465	55.19%	3.560%
264	18.514	18.496	18.524	VV	26326	393407	10.61%	0.684%
265	18.553	18.524	18.563	VV	24695	563376	15.19%	0.979%
266	18.625	18.563	18.661	VV	28570	1420882	38.30%	2.470%
267	18.680	18.661	18.697	VV	24586	483993	13.05%	0.841%
268	18.732	18.697	18.741	VV	26609	633869	17.09%	1.102%
269	18.786	18.741	18.831	VV	41543	1740054	46.91%	3.025%

270	18.872	18.861	18.879	VV	rteres 31852	323139	8.71%	0.562%
271	19.005	18.993	19.032	VV	43822	883490	23.82%	1.536%
272	19.211	19.191	19.241	VV	59600	1489838	40.16%	2.590%
273	19.466	19.455	19.485	VV	62406	1063687	28.67%	1.849%
274	19.496	19.485	19.511	VV	65733	988871	26.66%	1.719%
275	19.817	19.801	19.831	VV	59615	1037858	27.98%	1.804%
276	19.895	19.865	19.904	VV	66690	1459574	39.35%	2.538%
277	20.134	20.119	20.145	VV	85572	1293022	34.86%	2.248%
278	20.214	20.181	20.230	VV	87424	2454395	66.16%	4.267%
279	20.595	20.568	20.614	VV	118007	2990171	80.61%	5.199%
280	20.869	20.842	20.885	VV	107160	2646043	71.33%	4.600%
281	21.068	21.059	21.115	VV	93978	2833565	76.38%	4.926%
282	21.129	21.115	21.141	VV	83409	1259074	33.94%	2.189%
283	21.336	21.325	21.343	VV	92704	1002175	27.02%	1.742%
284	21.515	21.500	21.532	VV	63725	1113930	30.03%	1.937%
285	21.659	21.651	21.666	VV	64151	543690	14.66%	0.945%
286	21.734	21.666	21.765	VV	70059	3709586	100.00%	6.450%
287	21.989	21.981	22.048	VV	42663	1301442	35.08%	2.263%
288	22.085	22.048	22.099	VV	32811	879297	23.70%	1.529%
289	22.139	22.099	22.161	VV	36382	1218255	32.84%	2.118%
290	22.305	22.294	22.321	VV	27442	379623	10.23%	0.660%
291	22.385	22.371	22.443	VV	31641	1028645	27.73%	1.788%
292	22.451	22.443	22.471	VV	13700	206404	5.56%	0.359%
293	22.510	22.471	22.527	VV	16878	388862	10.48%	0.676%
294	22.540	22.527	22.601	VBA	15017	619065	16.69%	1.076%
Sum of corrected areas:						57516862		

Aliphatic EPH 092425.M Thu Sep 25 18:41:44 2025

5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092525AR\
 Data File : FF016453.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2025 16:20
 Operator : YP\AJ
 Sample : Q3192-02
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 RB105

Integration File: autoint1.e
 Quant Time: Sep 25 16:36:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:24:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.035	6747880	53.868 ug/ml
Spiked Amount 50.000		Recovery =	107.74%
6) S 2-Fluorobiphenyl (SURR)	8.912	4253259	50.430 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.86%
11) S ortho-Terphenyl (SURR)	11.980	4787239	31.402 ug/ml
Spiked Amount 50.000		Recovery =	62.80%

Target Compounds

(f)=RT Delta > 1/2 Window

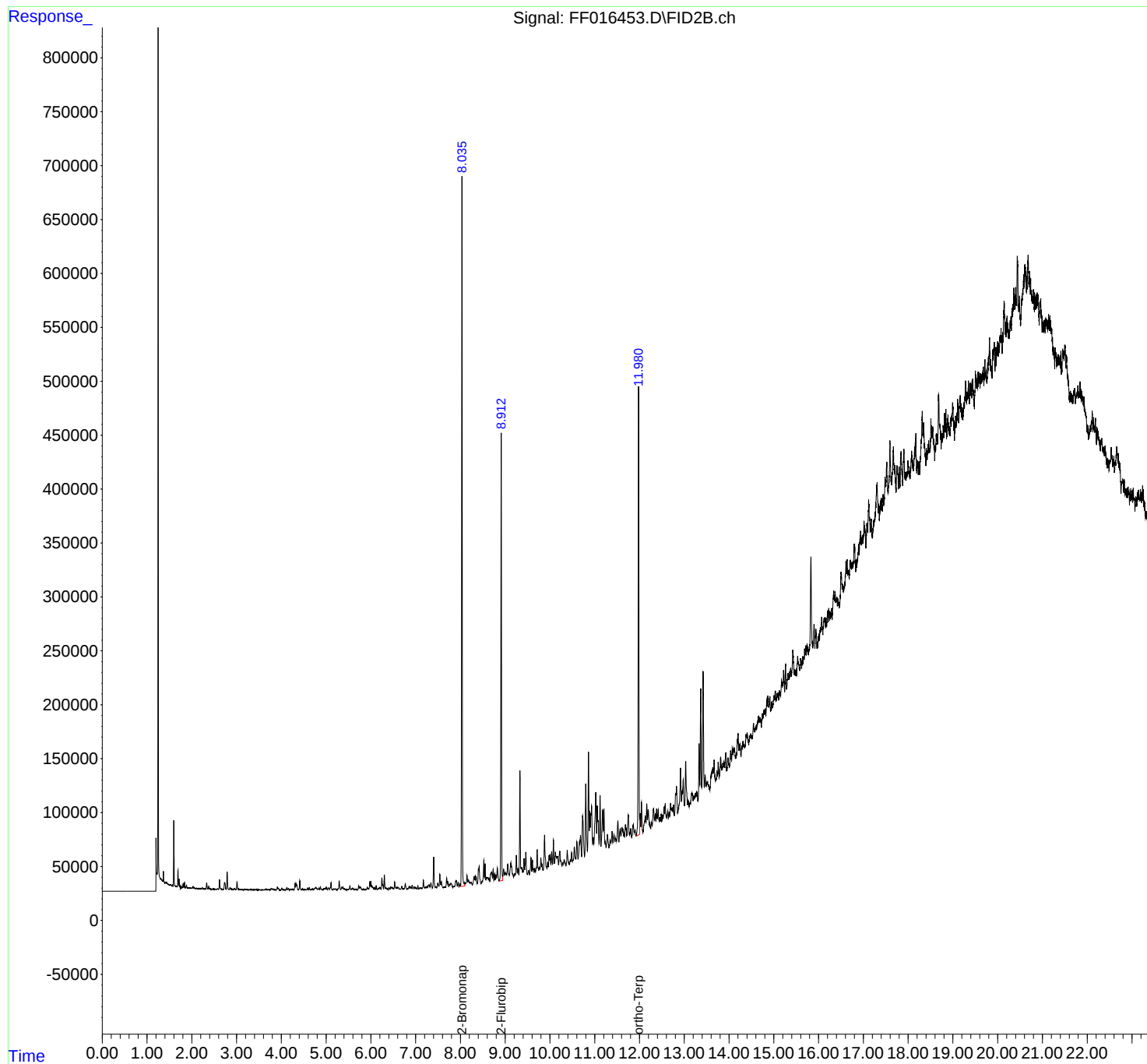
(m)=manual int.

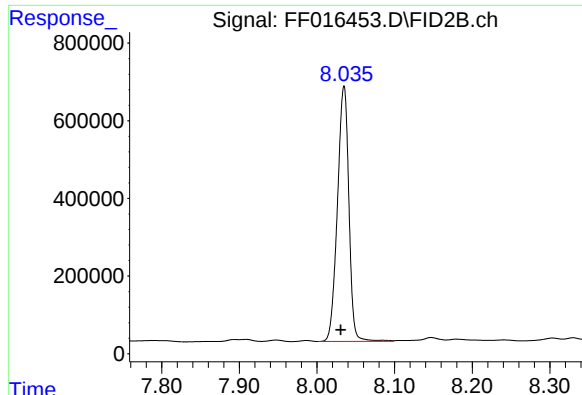
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092525AR\
Data File : FF016453.D
Signal(s) : FID2B.ch
Acq On : 25 Sep 2025 16:20
Operator : YP\AJ
Sample : Q3192-02
Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
RB105

Integration File: autoint1.e
Quant Time: Sep 25 16:36:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 16:24:48 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

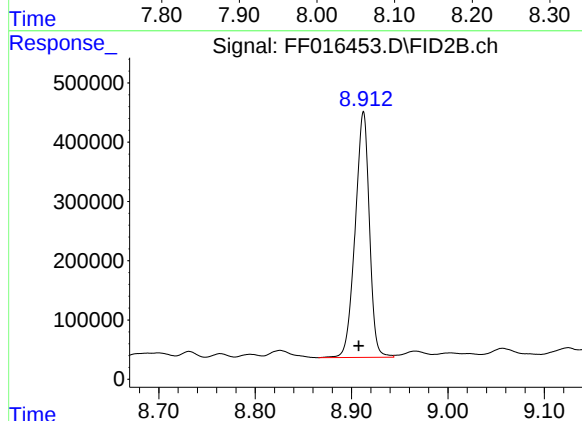




#4 2-Bromonaphthalene (SURRE)

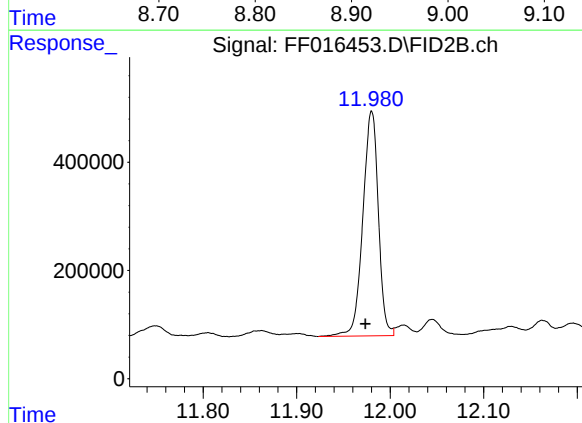
R.T.: 8.035 min
Delta R.T.: 0.004 min
Response: 6747880
Conc: 53.87 ug/ml

Instrument :
FID_F
ClientSampleId :
RB105



#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.912 min
Delta R.T.: 0.005 min
Response: 4253259
Conc: 50.43 ug/ml



#11 ortho-Terphenyl (SURRE)

R.T.: 11.980 min
Delta R.T.: 0.007 min
Response: 4787239
Conc: 31.40 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092525AR\
 Data File : FF016453.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2025 16:20
 Sample : Q3192-02
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH
 092425.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.412	4.400	4.451	BV	7202	60136	0.90%	0.051%
2	4.472	4.451	4.489	PV	515	5773	0.09%	0.005%
3	4.494	4.489	4.509	VV	275	1739	0.03%	0.001%
4	4.527	4.509	4.562	PV	495	5346	0.08%	0.004%
5	4.587	4.562	4.607	PV	2136	23589	0.35%	0.020%
6	4.624	4.607	4.649	VV	2314	22765	0.34%	0.019%
7	4.664	4.649	4.682	VV	864	10158	0.15%	0.009%
8	4.698	4.682	4.705	VV	716	6659	0.10%	0.006%
9	4.712	4.705	4.727	VV	664	7485	0.11%	0.006%
10	4.755	4.727	4.760	VV	1767	24745	0.37%	0.021%
11	4.776	4.760	4.795	VV	2675	39432	0.59%	0.033%
12	4.807	4.795	4.824	VV	972	14396	0.21%	0.012%
13	4.841	4.824	4.856	VV	1925	22855	0.34%	0.019%
14	4.873	4.856	4.891	VV	3154	34830	0.52%	0.029%
15	4.897	4.891	4.919	VV	701	7782	0.12%	0.007%
16	4.950	4.919	4.961	VV	1073	16847	0.25%	0.014%
17	4.976	4.961	4.987	VV	1323	16445	0.24%	0.014%
18	5.005	4.987	5.023	VV	2909	33720	0.50%	0.028%
19	5.048	5.023	5.070	VV	2072	32273	0.48%	0.027%
20	5.089	5.070	5.094	VV	2039	18730	0.28%	0.016%
21	5.110	5.094	5.148	VV	6747	79049	1.18%	0.067%
22	5.169	5.148	5.183	VV	1237	13813	0.21%	0.012%
23	5.203	5.183	5.246	VV	1101	20040	0.30%	0.017%
24	5.268	5.246	5.275	VV	1346	13217	0.20%	0.011%
25	5.293	5.275	5.327	VV	8291	107551	1.60%	0.090%

rteres								
26	5.351	5.327	5.363	VV	2474	32152	0.48%	0.027%
27	5.376	5.363	5.397	VV	3113	36650	0.55%	0.031%
28	5.410	5.397	5.453	VV	1069	19631	0.29%	0.017%
29	5.502	5.453	5.513	PV	654	11572	0.17%	0.010%
30	5.532	5.513	5.557	VV	4014	44802	0.67%	0.038%
31	5.584	5.557	5.597	VV	1696	22519	0.34%	0.019%
32	5.607	5.597	5.625	VV	1338	14984	0.22%	0.013%
33	5.649	5.625	5.658	VV	455	6648	0.10%	0.006%
34	5.671	5.658	5.684	VV	807	8853	0.13%	0.007%
35	5.694	5.684	5.707	VV	391	4328	0.06%	0.004%
36	5.729	5.707	5.747	VV	3930	50463	0.75%	0.042%
37	5.759	5.747	5.769	VV	2989	32097	0.48%	0.027%
38	5.776	5.769	5.819	VV	2316	26304	0.39%	0.022%
39	5.837	5.819	5.856	VV	611	7575	0.11%	0.006%
40	5.921	5.868	5.946	PV	2296	37896	0.56%	0.032%
41	5.977	5.946	5.988	VV	7589	87860	1.31%	0.074%
42	6.000	5.988	6.013	VV	7864	77397	1.15%	0.065%
43	6.022	6.013	6.037	VV	4147	44688	0.67%	0.038%
44	6.046	6.037	6.065	VV	2413	27826	0.41%	0.023%
45	6.080	6.065	6.100	VV	2305	25233	0.38%	0.021%
46	6.119	6.100	6.139	VV	3785	39463	0.59%	0.033%
47	6.172	6.139	6.183	VV	1324	21768	0.32%	0.018%
48	6.196	6.183	6.227	VV	2234	39607	0.59%	0.033%
49	6.246	6.227	6.260	VV	10897	111437	1.66%	0.094%
50	6.266	6.260	6.283	VV	4697	42122	0.63%	0.035%
51	6.302	6.283	6.326	VV	13640	147073	2.19%	0.124%
52	6.341	6.326	6.385	VV	1831	34344	0.51%	0.029%
53	6.409	6.385	6.427	PV	1778	24111	0.36%	0.020%
54	6.449	6.427	6.466	VV	2429	37381	0.56%	0.031%
55	6.481	6.466	6.502	VV	1862	29764	0.44%	0.025%
56	6.508	6.502	6.515	VV	985	7307	0.11%	0.006%
57	6.532	6.515	6.566	VV	7113	91680	1.37%	0.077%
58	6.579	6.566	6.607	VV	2102	42589	0.63%	0.036%
59	6.615	6.607	6.633	VV	1984	21595	0.32%	0.018%
60	6.640	6.633	6.653	VV	497	5101	0.08%	0.004%
61	6.691	6.653	6.720	VV	3019	47798	0.71%	0.040%
62	6.730	6.720	6.741	VV	679	7103	0.11%	0.006%
63	6.768	6.741	6.813	VV	5156	79586	1.19%	0.067%
64	6.853	6.813	6.867	VV	2834	42300	0.63%	0.036%
65	6.883	6.867	6.903	VV	2397	37337	0.56%	0.031%
66	6.920	6.903	6.944	VV	3762	46103	0.69%	0.039%
67	6.965	6.944	6.983	VV	2560	36063	0.54%	0.030%
68	6.996	6.983	7.009	VV	1533	15677	0.23%	0.013%
69	7.020	7.009	7.033	VV	1041	10640	0.16%	0.009%

				rt	ret			
70	7.050	7.033	7.068	VV	3522	34006	0.51%	0.029%
71	7.088	7.068	7.103	PV	1210	15118	0.23%	0.013%
72	7.115	7.103	7.139	VV	1230	17959	0.27%	0.015%
73	7.173	7.139	7.201	VV	8427	104323	1.55%	0.088%
74	7.223	7.201	7.235	VV	1446	23175	0.35%	0.019%
75	7.250	7.235	7.264	VV	1863	22807	0.34%	0.019%
76	7.299	7.264	7.317	VV	3864	82462	1.23%	0.069%
77	7.341	7.317	7.374	VV	5286	91237	1.36%	0.077%
78	7.403	7.374	7.437	VV	29217	357451	5.32%	0.301%
79	7.453	7.437	7.470	VV	1716	20911	0.31%	0.018%
80	7.492	7.470	7.519	VV	4791	78556	1.17%	0.066%
81	7.540	7.519	7.561	VV	12891	157219	2.34%	0.132%
82	7.575	7.561	7.607	VV	6028	80740	1.20%	0.068%
83	7.618	7.607	7.624	VV	359	3319	0.05%	0.003%
84	7.651	7.624	7.667	VV	762	13132	0.20%	0.011%
85	7.693	7.667	7.707	VV	9109	109444	1.63%	0.092%
86	7.718	7.707	7.740	VV	5881	74209	1.11%	0.062%
87	7.754	7.740	7.763	VV	3302	33158	0.49%	0.028%
88	7.789	7.763	7.832	VV	3718	100713	1.50%	0.085%
89	7.864	7.832	7.870	PV	937	13677	0.20%	0.012%
90	7.894	7.870	7.900	VV	5756	59883	0.89%	0.050%
91	7.909	7.900	7.929	VV	6052	66497	0.99%	0.056%
92	7.948	7.929	7.969	VV	4126	48510	0.72%	0.041%
93	7.987	7.969	8.002	PV	2824	26290	0.39%	0.022%
94	8.035	8.002	8.076	VV	659989	6713453	100.00%	5.648%
95	8.084	8.076	8.099	VV	2888	34896	0.52%	0.029%
96	8.147	8.099	8.167	VV	9623	173617	2.59%	0.146%
97	8.180	8.167	8.223	VV	5224	112677	1.68%	0.095%
98	8.241	8.223	8.266	VV	2856	45735	0.68%	0.038%
99	8.304	8.266	8.317	VV	7479	113699	1.69%	0.096%
100	8.330	8.317	8.342	VV	8144	93769	1.40%	0.079%
101	8.353	8.342	8.370	VV	6953	73115	1.09%	0.062%
102	8.376	8.370	8.382	VV	1173	7811	0.12%	0.007%
103	8.403	8.382	8.410	VV	14650	144108	2.15%	0.121%
104	8.418	8.410	8.461	VV	16444	209677	3.12%	0.176%
105	8.524	8.461	8.538	PV	21648	291558	4.34%	0.245%
106	8.551	8.538	8.570	VV	17976	191128	2.85%	0.161%
107	8.584	8.570	8.594	VV	5368	62868	0.94%	0.053%
108	8.613	8.594	8.626	VV	4925	82702	1.23%	0.070%
109	8.639	8.626	8.657	VV	4517	57059	0.85%	0.048%
110	8.699	8.657	8.718	VV	9144	235338	3.51%	0.198%
111	8.731	8.718	8.748	VV	11418	123965	1.85%	0.104%
112	8.764	8.748	8.779	VV	7504	81432	1.21%	0.069%

rteres								
113	8.795	8.779	8.808	VV	6172	76079	1.13%	0.064%
114	8.826	8.808	8.865	VV	12661	194186	2.89%	0.163%
115	8.912	8.865	8.943	PV	414970	4252964	63.35%	3.578%
116	8.966	8.943	8.984	VV	10299	163790	2.44%	0.138%
117	9.003	8.984	9.015	VV	6978	108433	1.62%	0.091%
118	9.021	9.015	9.034	VV	5562	56346	0.84%	0.047%
119	9.057	9.034	9.097	VV	14203	287456	4.28%	0.242%
120	9.125	9.097	9.136	VV	14799	235709	3.51%	0.198%
121	9.143	9.136	9.164	VV	11476	138332	2.06%	0.116%
122	9.169	9.164	9.187	VV	4156	38794	0.58%	0.033%
123	9.205	9.187	9.215	VV	3831	44835	0.67%	0.038%
124	9.222	9.215	9.230	VV	3634	32213	0.48%	0.027%
125	9.250	9.230	9.271	VV	20739	272613	4.06%	0.229%
126	9.284	9.271	9.305	VV	8009	110703	1.65%	0.093%
127	9.330	9.305	9.362	VV	98617	1106666	16.48%	0.931%
128	9.371	9.362	9.387	VV	8448	104025	1.55%	0.088%
129	9.397	9.387	9.405	VV	5103	47508	0.71%	0.040%
130	9.421	9.405	9.435	VV	16292	182208	2.71%	0.153%
131	9.462	9.435	9.497	VV	21735	353842	5.27%	0.298%
132	9.522	9.497	9.542	VV	4539	61876	0.92%	0.052%
133	9.577	9.542	9.595	PV	15503	226927	3.38%	0.191%
134	9.610	9.595	9.625	VV	13205	141191	2.10%	0.119%
135	9.632	9.625	9.645	VV	4660	43668	0.65%	0.037%
136	9.660	9.645	9.676	VV	4969	57152	0.85%	0.048%
137	9.714	9.676	9.749	VV	21573	336956	5.02%	0.283%
138	9.763	9.749	9.777	VV	5157	62918	0.94%	0.053%
139	9.798	9.777	9.813	VV	13048	165955	2.47%	0.140%
140	9.824	9.813	9.847	VV	7265	87716	1.31%	0.074%
141	9.879	9.847	9.932	VV	33324	579598	8.63%	0.488%
142	9.949	9.932	9.963	VV	7699	92535	1.38%	0.078%
143	9.980	9.963	9.991	VV	13534	157660	2.35%	0.133%
144	10.003	9.991	10.021	VV	14202	176799	2.63%	0.149%
145	10.038	10.021	10.058	VV	16206	220456	3.28%	0.185%
146	10.078	10.058	10.102	VV	27059	343851	5.12%	0.289%
147	10.122	10.102	10.147	VV	13974	279654	4.17%	0.235%
148	10.157	10.147	10.166	VV	10963	116867	1.74%	0.098%
149	10.172	10.166	10.192	VV	10582	118344	1.76%	0.100%
150	10.216	10.192	10.268	VV	14640	342807	5.11%	0.288%
151	10.288	10.268	10.300	VV	3706	52789	0.79%	0.044%
152	10.319	10.300	10.335	VV	6582	96381	1.44%	0.081%
153	10.341	10.335	10.355	VV	3078	24149	0.36%	0.020%
154	10.386	10.355	10.434	PV	14026	230195	3.43%	0.194%
155	10.454	10.434	10.463	PV	3791	42249	0.63%	0.036%

rteres									
156	10.484	10.463	10.503	VV	10521	143580	2.14%	0.121%	
157	10.511	10.503	10.515	VV	2958	19905	0.30%	0.017%	
158	10.544	10.515	10.578	VV	14945	257764	3.84%	0.217%	
159	10.602	10.578	10.627	VV	18491	284739	4.24%	0.240%	
160	10.661	10.627	10.667	VV	17729	251987	3.75%	0.212%	
161	10.682	10.667	10.706	VV	22926	344949	5.14%	0.290%	
162	10.729	10.706	10.772	VV	40280	805210	11.99%	0.677%	
163	10.799	10.772	10.836	VV	68557	1001419	14.92%	0.843%	
164	10.860	10.836	10.878	VV	97101	1191562	17.75%	1.002%	
165	10.889	10.878	10.902	VV	41382	476762	7.10%	0.401%	
166	10.916	10.902	10.920	VV	39381	368615	5.49%	0.310%	
167	10.930	10.920	10.956	VV	45910	618710	9.22%	0.521%	
168	10.970	10.956	10.981	VV	15660	197559	2.94%	0.166%	
169	11.023	10.981	11.042	VV	56720	1228977	18.31%	1.034%	
170	11.056	11.042	11.069	VV	43235	543107	8.09%	0.457%	
171	11.074	11.069	11.097	VV	29801	329987	4.92%	0.278%	
172	11.119	11.097	11.139	VV	52137	627809	9.35%	0.528%	
173	11.176	11.139	11.192	VV	37567	674174	10.04%	0.567%	
174	11.206	11.192	11.226	VV	37869	475918	7.09%	0.400%	
175	11.230	11.226	11.253	VV	7016	82714	1.23%	0.070%	
176	11.284	11.253	11.317	VV	12898	233149	3.47%	0.196%	
177	11.347	11.317	11.362	VV	6479	102990	1.53%	0.087%	
178	11.388	11.362	11.406	VV	13839	214582	3.20%	0.181%	
179	11.431	11.406	11.449	VV	10224	181116	2.70%	0.152%	
180	11.466	11.449	11.479	VV	6269	94501	1.41%	0.080%	
181	11.516	11.479	11.540	VV	21016	361028	5.38%	0.304%	
182	11.566	11.540	11.584	VV	12471	220458	3.28%	0.185%	
183	11.603	11.584	11.619	VV	13873	227162	3.38%	0.191%	
184	11.623	11.619	11.648	VV	11620	158621	2.36%	0.133%	
185	11.657	11.648	11.665	VV	7264	62857	0.94%	0.053%	
186	11.685	11.665	11.719	VV	15007	308121	4.59%	0.259%	
187	11.749	11.719	11.784	VV	22781	463068	6.90%	0.390%	
188	11.805	11.784	11.828	VV	9367	143392	2.14%	0.121%	
189	11.863	11.828	11.882	VV	11978	220093	3.28%	0.185%	
190	11.887	11.882	11.890	VV	4893	24208	0.36%	0.020%	
191	11.901	11.890	11.923	VV	5690	70510	1.05%	0.059%	
192	11.980	11.923	12.002	PV	415121	4772105	71.08%	4.015%	
193	12.014	12.002	12.028	VV	19110	224109	3.34%	0.189%	
194	12.045	12.028	12.078	VV	29058	361566	5.39%	0.304%	
195	12.129	12.078	12.145	VV	13999	312965	4.66%	0.263%	
196	12.163	12.145	12.178	VV	24706	316824	4.72%	0.267%	
197	12.195	12.178	12.220	VV	18762	317178	4.72%	0.267%	
198	12.230	12.220	12.248	VV	4965	49204	0.73%	0.041%	
199	12.266	12.248	12.284	PV	5220	65239	0.97%	0.055%	

				riteres				
200	12.315	12.284	12.337	VV	17286	327075	4.87%	0.275%
201	12.354	12.337	12.367	VV	11487	145281	2.16%	0.122%
202	12.382	12.367	12.398	VV	15196	188771	2.81%	0.159%
203	12.417	12.398	12.437	VV	13881	197979	2.95%	0.167%
204	12.451	12.437	12.465	VV	5414	70313	1.05%	0.059%
205	12.485	12.465	12.503	VV	8117	106331	1.58%	0.089%
206	12.517	12.503	12.529	VV	6804	71687	1.07%	0.060%
207	12.552	12.529	12.563	VV	12993	178110	2.65%	0.150%
208	12.576	12.563	12.596	VV	15740	190511	2.84%	0.160%
209	12.603	12.596	12.614	VV	3454	29869	0.44%	0.025%
210	12.631	12.614	12.650	VV	7720	103518	1.54%	0.087%
211	12.668	12.650	12.677	VV	5007	52433	0.78%	0.044%
212	12.697	12.677	12.724	VV	13216	239353	3.57%	0.201%
213	12.730	12.724	12.746	VV	7753	86366	1.29%	0.073%
214	12.761	12.746	12.778	VV	10624	119557	1.78%	0.101%
215	12.809	12.778	12.815	PV	19660	228834	3.41%	0.193%
216	12.827	12.815	12.852	VV	26110	352255	5.25%	0.296%
217	12.917	12.852	12.937	VV	40928	740361	11.03%	0.623%
218	12.954	12.937	12.960	VV	18719	201203	3.00%	0.169%
219	12.977	12.960	13.010	VV	28599	458339	6.83%	0.386%
220	13.032	13.010	13.075	VV	43191	721833	10.75%	0.607%
221	13.088	13.075	13.108	VV	6253	69689	1.04%	0.059%
222	13.119	13.108	13.128	PV	2585	23080	0.34%	0.019%
223	13.135	13.128	13.141	VV	3026	19076	0.28%	0.016%
224	13.169	13.141	13.195	VV	10809	242727	3.62%	0.204%
225	13.215	13.195	13.226	VV	6667	95087	1.42%	0.080%
226	13.249	13.226	13.260	VV	8662	127945	1.91%	0.108%
227	13.280	13.260	13.302	VV	9200	162040	2.41%	0.136%
228	13.332	13.302	13.347	PV	51877	574451	8.56%	0.483%
229	13.368	13.347	13.389	VV	101866	1222783	18.21%	1.029%
230	13.422	13.389	13.451	VV	115498	1647469	24.54%	1.386%
231	13.466	13.451	13.489	VV	18432	267913	3.99%	0.225%
232	13.501	13.489	13.509	VV	9608	105600	1.57%	0.089%
233	13.521	13.509	13.554	VV	9266	181245	2.70%	0.152%
234	13.560	13.554	13.572	VV	3490	23946	0.36%	0.020%
235	13.638	13.572	13.650	PV	18458	553881	8.25%	0.466%
236	13.668	13.650	13.692	VV	23573	347389	5.17%	0.292%
237	13.729	13.692	13.739	VV	11273	158080	2.35%	0.133%
238	13.757	13.739	13.779	VV	17713	237907	3.54%	0.200%
239	13.811	13.779	13.839	VV	19914	389823	5.81%	0.328%
240	13.859	13.839	13.877	VV	12258	219338	3.27%	0.185%
241	13.886	13.877	13.907	VV	12510	171243	2.55%	0.144%
242	13.923	13.907	13.949	VV	18958	280131	4.17%	0.236%

rteres									
243	13.977	13.949	14.007	VV	12050	224633	3.35%	0.189%	
244	14.038	14.007	14.057	VV	15727	278647	4.15%	0.234%	
245	14.073	14.057	14.086	VV	16407	219992	3.28%	0.185%	
246	14.103	14.086	14.110	VV	14677	190143	2.83%	0.160%	
247	14.119	14.110	14.147	VV	15004	212702	3.17%	0.179%	
248	14.162	14.147	14.168	VV	8198	76559	1.14%	0.064%	
249	14.198	14.168	14.219	VV	24776	498653	7.43%	0.420%	
250	14.241	14.219	14.268	VV	13073	253632	3.78%	0.213%	
251	14.282	14.268	14.296	PV	8637	100943	1.50%	0.085%	
252	14.313	14.296	14.338	VV	11498	200147	2.98%	0.168%	
253	14.342	14.338	14.350	VV	5397	35779	0.53%	0.030%	
254	14.356	14.350	14.361	VV	5376	31304	0.47%	0.026%	
255	14.388	14.361	14.395	VV	14194	209538	3.12%	0.176%	
256	14.406	14.395	14.440	VV	13944	225398	3.36%	0.190%	
257	14.471	14.440	14.484	VV	8078	144493	2.15%	0.122%	
258	14.491	14.484	14.519	VV	7944	105967	1.58%	0.089%	
259	14.547	14.519	14.567	VV	13682	235263	3.50%	0.198%	
260	14.573	14.567	14.578	VV	7643	42172	0.63%	0.035%	
261	14.658	14.578	14.672	VV	14402	503029	7.49%	0.423%	
262	14.688	14.672	14.698	VV	11825	158188	2.36%	0.133%	
263	14.704	14.698	14.723	VV	8979	85198	1.27%	0.072%	
264	14.750	14.723	14.757	VV	11577	152293	2.27%	0.128%	
265	14.780	14.757	14.792	VV	13011	210917	3.14%	0.177%	
266	14.809	14.792	14.823	VV	12096	177300	2.64%	0.149%	
267	14.842	14.823	14.852	VV	18531	228479	3.40%	0.192%	
268	14.867	14.852	14.884	VV	20864	306885	4.57%	0.258%	
269	14.889	14.884	14.893	VV	10944	56353	0.84%	0.047%	
270	14.912	14.893	14.925	VV	17601	236130	3.52%	0.199%	
271	14.935	14.925	14.940	VV	6040	36375	0.54%	0.031%	
272	14.957	14.940	14.967	VV	10637	116297	1.73%	0.098%	
273	15.004	14.967	15.017	VV	13275	254390	3.79%	0.214%	
274	15.036	15.017	15.050	VV	15739	225676	3.36%	0.190%	
275	15.069	15.050	15.074	VV	10465	108307	1.61%	0.091%	
276	15.098	15.074	15.110	VV	9705	172314	2.57%	0.145%	
277	15.116	15.110	15.122	VV	8342	47687	0.71%	0.040%	
278	15.126	15.122	15.130	VV	10695	43047	0.64%	0.036%	
279	15.134	15.130	15.140	VV	6981	38977	0.58%	0.033%	
280	15.145	15.140	15.150	VV	7903	36534	0.54%	0.031%	
281	15.172	15.150	15.188	VV	17666	260219	3.88%	0.219%	
282	15.218	15.188	15.244	VV	23929	454924	6.78%	0.383%	
283	15.263	15.244	15.283	VV	27516	352410	5.25%	0.296%	
284	15.318	15.283	15.332	VV	14970	285262	4.25%	0.240%	
285	15.343	15.332	15.350	VV	12347	114019	1.70%	0.096%	

rteres									
286	15.356	15.350	15.362	VV	13957	88265	1.31%	0.074%	
287	15.376	15.362	15.396	VV	16413	263336	3.92%	0.222%	
288	15.423	15.396	15.465	VV	30601	692945	10.32%	0.583%	
289	15.474	15.465	15.486	VV	8966	84836	1.26%	0.071%	
290	15.503	15.486	15.509	VV	8521	74951	1.12%	0.063%	
291	15.532	15.509	15.543	VV	18637	241300	3.59%	0.203%	
292	15.547	15.543	15.580	VV	12070	167219	2.49%	0.141%	
293	15.600	15.580	15.619	VV	12311	182587	2.72%	0.154%	
294	15.639	15.619	15.654	VV	11646	132397	1.97%	0.111%	
295	15.667	15.654	15.679	VV	10238	124847	1.86%	0.105%	
296	15.687	15.679	15.697	VV	16328	131144	1.95%	0.110%	
297	15.718	15.697	15.726	VV	17347	226190	3.37%	0.190%	
298	15.731	15.726	15.734	VV	13086	50478	0.75%	0.042%	
299	15.744	15.734	15.769	VV	17597	266307	3.97%	0.224%	
300	15.829	15.769	15.871	VV	92265	1715700	25.56%	1.443%	
301	15.900	15.871	15.918	VV	26066	427910	6.37%	0.360%	
302	15.941	15.918	15.963	VV	18237	308877	4.60%	0.260%	
303	15.975	15.963	15.981	VV	5580	39833	0.59%	0.034%	
304	16.004	15.981	16.023	PV	10972	175185	2.61%	0.147%	
305	16.039	16.023	16.049	VV	14184	174673	2.60%	0.147%	
306	16.069	16.049	16.095	VV	21866	392819	5.85%	0.330%	
307	16.122	16.095	16.130	VV	17767	270091	4.02%	0.227%	
308	16.134	16.130	16.137	VV	16537	62432	0.93%	0.053%	
309	16.140	16.137	16.160	VV	17471	153083	2.28%	0.129%	
310	16.166	16.160	16.171	VV	14669	72234	1.08%	0.061%	
311	16.205	16.171	16.215	VV	19677	315818	4.70%	0.266%	
312	16.229	16.215	16.246	VV	19500	266289	3.97%	0.224%	
313	16.252	16.246	16.260	VV	13824	103710	1.54%	0.087%	
314	16.265	16.260	16.278	VV	12970	113469	1.69%	0.095%	
315	16.297	16.278	16.304	VV	15099	182780	2.72%	0.154%	
316	16.339	16.304	16.360	VV	28190	660453	9.84%	0.556%	
317	16.371	16.360	16.395	VV	25764	399108	5.94%	0.336%	
318	16.409	16.395	16.446	VV	18043	432911	6.45%	0.364%	
319	16.453	16.446	16.459	VV	9386	62748	0.93%	0.053%	
320	16.465	16.459	16.474	VV	9704	64881	0.97%	0.055%	
321	16.502	16.474	16.526	VV	34426	741945	11.05%	0.624%	
322	16.541	16.526	16.552	VV	21239	301389	4.49%	0.254%	
323	16.583	16.552	16.588	VV	20385	360617	5.37%	0.303%	
324	16.611	16.588	16.616	VV	38143	450705	6.71%	0.379%	
325	16.620	16.616	16.624	VV	35816	169058	2.52%	0.142%	
326	16.637	16.624	16.660	VV	37751	652397	9.72%	0.549%	
327	16.664	16.660	16.670	VV	25759	146998	2.19%	0.124%	
328	16.674	16.670	16.685	VV	25642	192679	2.87%	0.162%	
329	16.709	16.685	16.724	VV	32237	629910	9.38%	0.530%	

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330	16.753	16.724	16.769	VV	27399	679564	10.12%	0.572%
331	16.795	16.769	16.801	VV	40756	611528	9.11%	0.514%
332	16.805	16.801	16.830	VV	39700	491729	7.32%	0.414%
333	16.838	16.830	16.854	VV	23940	271780	4.05%	0.229%
334	16.893	16.854	16.909	VV	35072	870668	12.97%	0.733%
335	16.929	16.909	16.934	VV	40358	520723	7.76%	0.438%
336	16.939	16.934	16.957	VV	44024	493128	7.35%	0.415%
337	16.977	16.957	16.987	VV	37661	601041	8.95%	0.506%
338	17.016	16.987	17.033	VV	47615	1058886	15.77%	0.891%
339	17.037	17.033	17.056	VV	40177	452038	6.73%	0.380%
340	17.086	17.056	17.100	VV	42249	897424	13.37%	0.755%
341	17.118	17.100	17.123	VV	61314	665291	9.91%	0.560%
342	17.125	17.123	17.139	VV	56712	466915	6.95%	0.393%
343	17.141	17.139	17.158	VV	43771	418418	6.23%	0.352%
344	17.160	17.158	17.164	VV	33656	121501	1.81%	0.102%
345	17.177	17.164	17.206	VV	38648	733397	10.92%	0.617%
346	17.229	17.206	17.235	VV	34947	498738	7.43%	0.420%
347	17.308	17.235	17.334	VV	64850	2671659	39.80%	2.248%
348	17.338	17.334	17.358	VV	42714	518886	7.73%	0.437%
349	17.381	17.358	17.396	VV	42044	821127	12.23%	0.691%
350	17.410	17.396	17.427	VV	42952	688033	10.25%	0.579%
351	17.440	17.427	17.457	VV	43899	698271	10.40%	0.587%
352	17.483	17.457	17.490	VV	57298	891157	13.27%	0.750%
353	17.497	17.490	17.502	VV	53918	383985	5.72%	0.323%
354	17.524	17.502	17.553	VV	68780	1656563	24.68%	1.394%
355	17.594	17.553	17.634	VV	84037	2700973	40.23%	2.272%
356	17.671	17.634	17.731	VV	72961	2958803	44.07%	2.489%
357	17.749	17.731	17.786	VV	50619	1363019	20.30%	1.147%
358	17.800	17.786	17.815	VV	46760	654080	9.74%	0.550%
359	17.841	17.815	17.876	VV	57818	1519459	22.63%	1.278%
360	17.906	17.876	17.931	VV	56156	1306101	19.45%	1.099%
361	17.935	17.931	17.940	VV	30207	169182	2.52%	0.142%
362	17.943	17.940	17.952	VV	30455	184199	2.74%	0.155%
363	17.956	17.952	17.958	VV	28238	111279	1.66%	0.094%
364	17.964	17.958	17.978	VV	30514	332243	4.95%	0.280%
365	17.995	17.978	18.016	VV	38840	733000	10.92%	0.617%
366	18.022	18.016	18.045	VV	27746	422040	6.29%	0.355%
367	18.052	18.045	18.057	VV	28137	182954	2.73%	0.154%
368	18.078	18.057	18.102	VV	42671	886273	13.20%	0.746%
369	18.109	18.102	18.119	VV	33154	281576	4.19%	0.237%
370	18.143	18.119	18.149	VV	43070	568925	8.47%	0.479%
371	18.171	18.149	18.194	VV	52366	933602	13.91%	0.785%
372	18.204	18.194	18.227	VV	25001	393754	5.87%	0.331%

rteres								
373	18.242	18.227	18.254	VV	22356	256285	3.82%	0.216%
374	18.315	18.254	18.333	VV	63865	1715968	25.56%	1.444%
375	18.339	18.333	18.343	VV	48188	269826	4.02%	0.227%
376	18.349	18.343	18.399	VV	51350	918255	13.68%	0.773%
377	18.407	18.399	18.427	VV	23588	304261	4.53%	0.256%
378	18.447	18.427	18.452	VV	23695	280033	4.17%	0.236%
379	18.460	18.452	18.485	VV	25403	385185	5.74%	0.324%
380	18.509	18.485	18.514	VV	44329	455255	6.78%	0.383%
381	18.520	18.514	18.546	VV	36949	617466	9.20%	0.519%
382	18.552	18.546	18.565	VV	33794	296203	4.41%	0.249%
383	18.570	18.565	18.580	VV	20958	142401	2.12%	0.120%
384	18.585	18.580	18.593	VV	14115	79739	1.19%	0.067%
385	18.612	18.593	18.616	PV	11208	119129	1.77%	0.100%
386	18.629	18.616	18.661	VV	20278	427338	6.37%	0.360%
387	18.684	18.661	18.723	VV	54554	1109455	16.53%	0.933%
388	18.728	18.723	18.738	VV	17092	104024	1.55%	0.088%
389	18.748	18.738	18.760	PV	13523	111605	1.66%	0.094%
390	18.764	18.760	18.768	VV	10256	29133	0.43%	0.025%
391	18.783	18.768	18.797	VV	14033	138025	2.06%	0.116%
392	18.814	18.797	18.832	VV	19012	218974	3.26%	0.184%
393	18.843	18.832	18.850	PBA	19258	297661	4.43%	0.250%

Sum of corrected areas: 118861722

Aromatic EPH 092425.M Thu Sep 25 16:44:34 2025

5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AL\
 Data File : FG016649.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2025 16:20
 Operator : YP\AJ
 Sample : Q3192-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 RB105

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/26/2025
 Supervised By :mohammad ahmed 09/30/2025

Integration File: autoint1.e
 Quant Time: Sep 25 18:17:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:20:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.514	5347619	47.378 ug/mlm
Spiked Amount 50.000		Recovery =	94.76%

Target Compounds

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AL\
Data File : FG016649.D
Signal(s) : FID1A.ch
Acq On : 25 Sep 2025 16:20
Operator : YP\AJ
Sample : Q3192-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

RB105

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2025

Supervised By :mohammad ahmed 09/30/2025

Integration File: autoint1.e

Quant Time: Sep 25 18:17:52 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M

Quant Title : GC Extractables

QLast Update : Wed Sep 24 16:20:58 2025

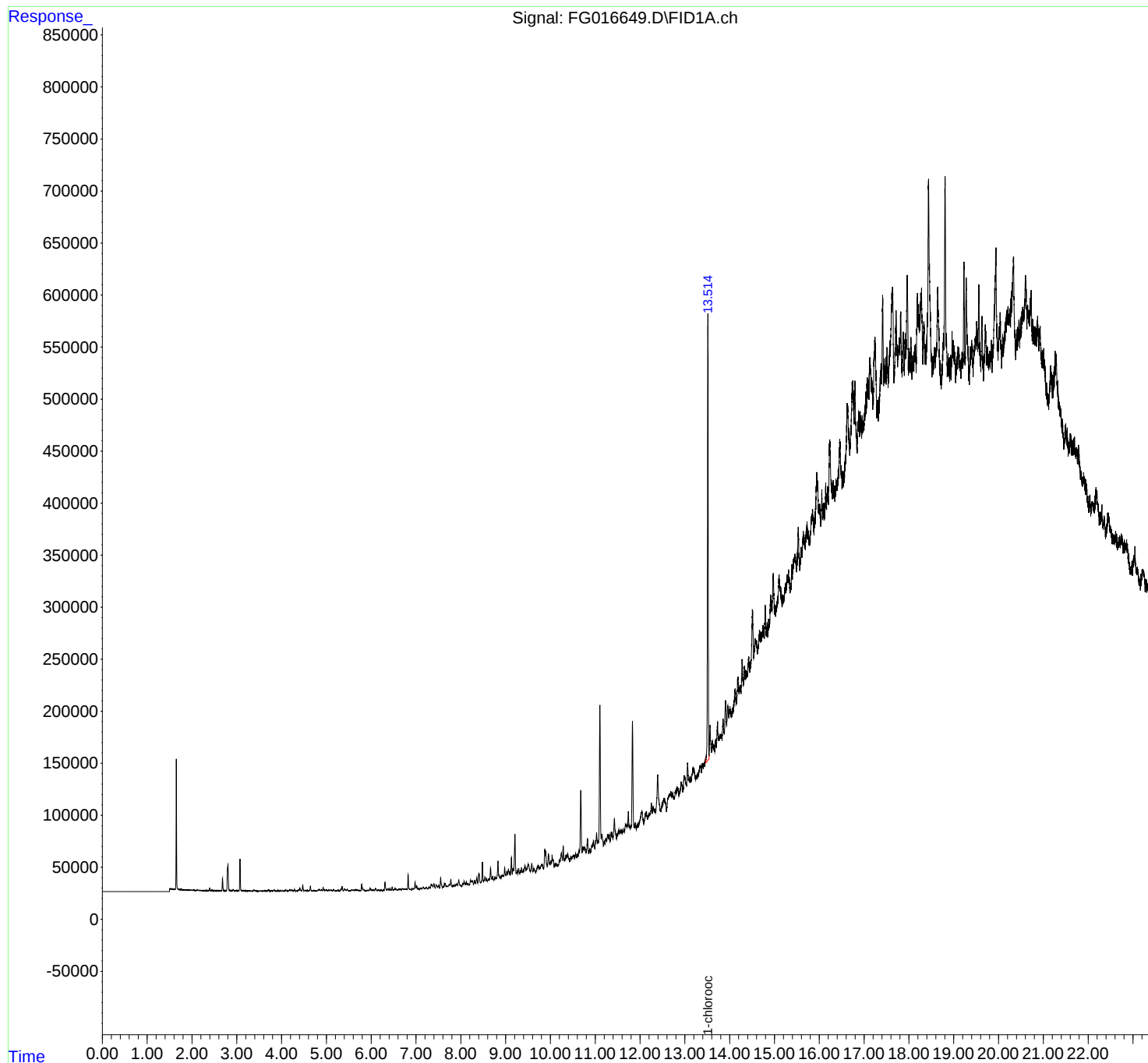
Response via : Initial Calibration

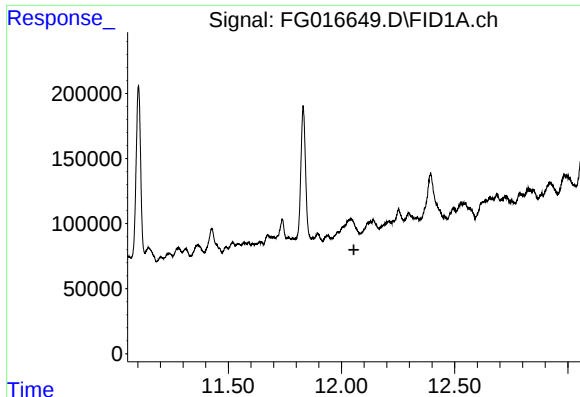
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





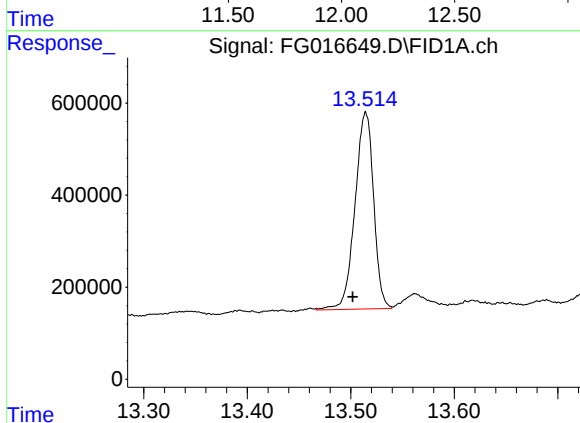
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 12.055 min
Response: 0
Conc: N.D.

Instrument :
FID_G
ClientSampleId :
RB105

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/26/2025
Supervised By :mohammad ahmed 09/30/2025



#12 1-chlorooctadecane (SURR)

R.T.: 13.514 min
Delta R.T.: 0.012 min
Response: 5347619
Conc: 47.38 ug/ml m

Instrument :

FID_G

ClientSampleId :

RB105

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG016649.D

Data File : FG016649.D

Signal(s) : FID1A.ch

Acq On : 25 Sep 2025 16:20

Sample : Q3192-02

Misc :

ALS Vial : 32 Sample Multiplier: 1

Reviewed By :Yogesh Patel 09/26/2025

Supervised By :mohammad ahmed 09/30/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M

Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.254	3.221	3.281	BV	54	1243	0.00%	0.000%
2	3.302	3.281	3.319	PV	177	2529	0.01%	0.000%
3	3.339	3.319	3.354	VV	157	2092	0.01%	0.000%
4	3.381	3.354	3.417	VV	1455	21213	0.08%	0.002%
5	3.430	3.417	3.474	VV	209	2905	0.01%	0.000%
6	3.498	3.474	3.513	VV	213	2527	0.01%	0.000%
7	3.528	3.513	3.540	VV	235	2861	0.01%	0.000%
8	3.555	3.540	3.577	VV	282	3431	0.01%	0.000%
9	3.625	3.577	3.652	VV	528	10317	0.04%	0.001%
10	3.668	3.652	3.680	VV	209	2114	0.01%	0.000%
11	3.698	3.680	3.746	VV	965	17457	0.06%	0.002%
12	3.775	3.746	3.807	VV	535	9839	0.04%	0.001%
13	3.832	3.807	3.881	VV	1484	26763	0.10%	0.002%
14	3.915	3.881	3.948	VV	843	16060	0.06%	0.001%
15	3.972	3.948	4.006	VV	668	13111	0.05%	0.001%
16	4.022	4.006	4.042	VV	551	6326	0.02%	0.001%
17	4.083	4.042	4.138	PV	982	25104	0.09%	0.002%
18	4.180	4.138	4.197	VV	1837	25940	0.10%	0.002%
19	4.213	4.197	4.234	VV	1669	19945	0.07%	0.002%
20	4.250	4.234	4.266	VV	705	9896	0.04%	0.001%
21	4.290	4.266	4.314	VV	1549	20127	0.07%	0.002%
22	4.329	4.314	4.340	VV	180	2411	0.01%	0.000%
23	4.385	4.340	4.394	VV	1554	24669	0.09%	0.002%
24	4.410	4.394	4.443	VV	3154	42964	0.16%	0.004%
25	4.473	4.443	4.511	VV	5827	76480	0.28%	0.007%
26	4.538	4.511	4.569	VV	869	21562	0.08%	0.002%
27	4.584	4.569	4.611	VV	723	11329	0.04%	0.001%
28	4.643	4.611	4.669	VV	4955	57646	0.21%	0.005%
29	4.679	4.669	4.696	VV	388	4724	0.02%	0.000%
30	4.716	4.696	4.742	VV	556	8675	0.03%	0.001%
31	4.770	4.742	4.787	VV	431	6489	0.02%	0.001%

Page 1

32	4.830	4.787	4.847	VV	1583	32534	0.12%	0.003%
33	4.860	4.847	4.877	VV	1027	1547		
34	4.895	4.877	4.910	VV	1509	1958		
35	4.928	4.910	4.944	VV	3765	4004		
36	4.954	4.944	4.970	VV	1608	1715		
37	4.988	4.970	4.999	VV	1015	14291	0.05%	0.001%
38	5.008	4.999	5.026	VV	1012	11093	0.04%	0.001%
39	5.059	5.026	5.076	VV	1267	21637	0.08%	0.002%
40	5.106	5.076	5.128	VV	1272	26127	0.10%	0.002%
41	5.162	5.128	5.197	VV	1625	30447	0.11%	0.003%
42	5.225	5.197	5.238	VV	533	8012	0.03%	0.001%
43	5.261	5.238	5.299	VV	1118	17975	0.07%	0.002%
44	5.323	5.299	5.333	VV	2100	23074	0.08%	0.002%
45	5.351	5.333	5.379	VV	4546	62793	0.23%	0.006%
46	5.402	5.379	5.446	VV	2125	46508	0.17%	0.004%
47	5.467	5.446	5.504	VV	2020	32246	0.12%	0.003%
48	5.535	5.504	5.546	VV	537	7727	0.03%	0.001%
49	5.567	5.546	5.580	VV	1376	17769	0.07%	0.002%
50	5.591	5.580	5.614	VV	1070	17492	0.06%	0.002%
51	5.631	5.614	5.645	VV	1158	16197	0.06%	0.001%
52	5.662	5.645	5.679	VV	1371	18595	0.07%	0.002%
53	5.694	5.679	5.715	VV	986	16291	0.06%	0.001%
54	5.730	5.715	5.742	VV	835	11094	0.04%	0.001%
55	5.751	5.742	5.765	VV	622	7352	0.03%	0.001%
56	5.787	5.765	5.818	VV	6548	93661	0.34%	0.008%
57	5.832	5.818	5.852	VV	1718	23645	0.09%	0.002%
58	5.862	5.852	5.875	VV	735	8313	0.03%	0.001%
59	5.888	5.875	5.901	VV	676	8443	0.03%	0.001%
60	5.915	5.901	5.931	VV	720	10886	0.04%	0.001%
61	5.940	5.931	5.950	VV	721	7003	0.03%	0.001%
62	5.975	5.950	6.008	VV	3093	53489	0.20%	0.005%
63	6.036	6.008	6.071	VV	1137	30759	0.11%	0.003%
64	6.097	6.071	6.136	VV	2623	49795	0.18%	0.004%
65	6.157	6.136	6.190	VV	1334	23571	0.09%	0.002%
66	6.222	6.190	6.245	VV	1144	21528	0.08%	0.002%
67	6.270	6.245	6.288	PV	1250	15687	0.06%	0.001%
68	6.307	6.288	6.345	VV	8312	115230	0.42%	0.010%
69	6.377	6.345	6.400	VV	2150	46776	0.17%	0.004%
70	6.421	6.400	6.442	VV	2359	30945	0.11%	0.003%
71	6.467	6.442	6.495	VV	3365	42634	0.16%	0.004%
72	6.532	6.495	6.577	VV	2572	55118	0.20%	0.005%
73	6.619	6.577	6.634	VV	1310	25916	0.10%	0.002%
74	6.648	6.634	6.677	VV	1237	20942	0.08%	0.002%
75	6.699	6.677	6.725	VV	1791	30321	0.11%	0.003%
76	6.745	6.725	6.762	VV	1214	20548	0.08%	0.002%
77	6.775	6.762	6.800	VV	992	16909	0.06%	0.001%
78	6.824	6.800	6.894	VV	14614	168944	0.62%	0.015%
79	6.914	6.894	6.931	VV	1443	16486	0.06%	0.001%

Instrument :

FID_G

ClientSampleId :

RB105

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2025

Supervised By :mohammad ahmed 09/30/2025

						Instrument : FID_G			A
						ClientSampleId : RB105			
80	6.978	6.931	7.001	VV	7118	101313	0.37%	0.009%	B
						Manual IntegrationsAPPROVED			C
81	7.017	7.001	7.039	VV	3637	4424	Reviewed By :Yogesh Patel 09/26/2025 Supervised By :mohammad ahmed 09/30/2025		D
82	7.053	7.039	7.078	VV	1490	1407			E
83	7.098	7.078	7.128	PV	1021	2045			F
84	7.159	7.128	7.182	VV	2331	4049			G
85	7.194	7.182	7.208	VV	1157	10627	0.04%	0.001%	H
									I
86	7.232	7.208	7.255	VV	1337	22707	0.08%	0.002%	J
87	7.297	7.255	7.317	VV	1738	34112	0.13%	0.003%	
88	7.338	7.317	7.350	VV	4620	57234	0.21%	0.005%	
89	7.360	7.350	7.378	VV	4031	50201	0.18%	0.004%	
90	7.401	7.378	7.427	VV	4847	77233	0.28%	0.007%	
91	7.449	7.427	7.484	VV	3800	74793	0.27%	0.007%	
92	7.505	7.484	7.526	VV	3477	46665	0.17%	0.004%	
93	7.550	7.526	7.589	PV	10169	150924	0.55%	0.013%	
94	7.605	7.589	7.617	VV	1994	21262	0.08%	0.002%	
95	7.635	7.617	7.671	VV	4525	99265	0.36%	0.009%	
96	7.693	7.671	7.711	VV	1785	35401	0.13%	0.003%	
97	7.741	7.711	7.756	VV	3332	60542	0.22%	0.005%	
98	7.777	7.756	7.804	VV	7640	106103	0.39%	0.009%	
99	7.829	7.804	7.839	VV	1808	30166	0.11%	0.003%	
100	7.845	7.839	7.855	VV	1628	13258	0.05%	0.001%	
101	7.870	7.855	7.885	VV	2772	37065	0.14%	0.003%	
102	7.911	7.885	7.926	VV	2952	58199	0.21%	0.005%	
103	7.954	7.926	7.984	VV	6581	128277	0.47%	0.011%	
104	7.996	7.984	8.023	VV	1542	24182	0.09%	0.002%	
105	8.044	8.023	8.057	PV	3336	37228	0.14%	0.003%	
106	8.074	8.057	8.103	VV	4736	80644	0.30%	0.007%	
107	8.122	8.103	8.139	VV	3787	53443	0.20%	0.005%	
108	8.157	8.139	8.191	VV	1984	40242	0.15%	0.004%	
109	8.216	8.191	8.230	VV	4821	65669	0.24%	0.006%	
110	8.242	8.230	8.254	VV	4023	48733	0.18%	0.004%	
111	8.266	8.254	8.283	VV	3750	40894	0.15%	0.004%	
112	8.309	8.283	8.329	VV	4036	54042	0.20%	0.005%	
113	8.356	8.329	8.377	VV	5930	88049	0.32%	0.008%	
114	8.404	8.377	8.439	VV	9952	170356	0.63%	0.015%	
115	8.483	8.439	8.505	VV	19938	231591	0.85%	0.021%	
116	8.539	8.505	8.559	VV	5150	94037	0.35%	0.008%	
117	8.573	8.559	8.594	VV	3554	43975	0.16%	0.004%	
118	8.664	8.594	8.693	VV	13157	240804	0.88%	0.021%	
119	8.711	8.693	8.733	VV	4472	59499	0.22%	0.005%	
120	8.760	8.733	8.776	VV	3376	51856	0.19%	0.005%	
121	8.784	8.776	8.795	VV	2283	21973	0.08%	0.002%	
122	8.830	8.795	8.874	VV	18096	308519	1.13%	0.027%	
123	8.886	8.874	8.899	VV	2374	29038	0.11%	0.003%	
124	8.919	8.899	8.929	VV	3691	48641	0.18%	0.004%	
125	8.939	8.929	8.951	VV	3183	40992	0.15%	0.004%	
126	8.980	8.951	9.011	VV	10521	181236	0.67%	0.016%	

Page 3

127	9.027	9.011	9.040	VV	6798	86152	0.32%	0.008%
128	9.063	9.040	9.083	VV	7660	14745		
129	9.092	9.083	9.106	VV	4898	5729		
130	9.130	9.106	9.149	VV	19124	24205		
131	9.166	9.149	9.178	VV	8622	11424		
132	9.208	9.178	9.238	VV	41124	627231	2.30%	0.056%
133	9.259	9.238	9.274	VV	5077	82268	0.30%	0.007%
134	9.292	9.274	9.314	VV	7367	108305	0.40%	0.010%
135	9.357	9.314	9.378	VV	7393	162637	0.60%	0.014%
136	9.396	9.378	9.407	VV	4542	68048	0.25%	0.006%
137	9.434	9.407	9.461	VV	8480	198263	0.73%	0.018%
138	9.498	9.461	9.553	VV	9102	331494	1.22%	0.029%
139	9.583	9.553	9.610	VV	9488	170667	0.63%	0.015%
140	9.631	9.610	9.671	VV	4327	93875	0.34%	0.008%
141	9.712	9.671	9.725	PV	5382	101311	0.37%	0.009%
142	9.734	9.725	9.770	VV	5797	109755	0.40%	0.010%
143	9.811	9.770	9.843	VV	5831	190239	0.70%	0.017%
144	9.875	9.843	9.885	VV	19751	260742	0.96%	0.023%
145	9.894	9.885	9.930	VV	17966	260999	0.96%	0.023%
146	9.956	9.930	9.991	VV	13634	278269	1.02%	0.025%
147	10.010	9.991	10.022	VV	7011	103478	0.38%	0.009%
148	10.039	10.022	10.052	VV	10669	138928	0.51%	0.012%
149	10.060	10.052	10.087	VV	7533	89487	0.33%	0.008%
150	10.126	10.087	10.152	PV	2240	54636	0.20%	0.005%
151	10.201	10.152	10.213	VV	4879	62526	0.23%	0.006%
152	10.242	10.213	10.268	VV	10482	221301	0.81%	0.020%
153	10.285	10.268	10.322	VV	16667	244636	0.90%	0.022%
154	10.346	10.322	10.358	VV	6773	104283	0.38%	0.009%
155	10.388	10.358	10.433	VV	6922	181292	0.67%	0.016%
156	10.458	10.433	10.476	PV	3684	52425	0.19%	0.005%
157	10.498	10.476	10.508	VV	3911	54562	0.20%	0.005%
158	10.522	10.508	10.542	VV	4122	64259	0.24%	0.006%
159	10.562	10.542	10.581	VV	4984	65965	0.24%	0.006%
160	10.603	10.581	10.614	VV	3277	44147	0.16%	0.004%
161	10.637	10.614	10.647	VV	6636	94518	0.35%	0.008%
162	10.676	10.647	10.705	VV	64072	943403	3.46%	0.084%
163	10.728	10.705	10.745	VV	8288	156956	0.58%	0.014%
164	10.764	10.745	10.792	VV	7392	160807	0.59%	0.014%
165	10.826	10.792	10.853	VV	14808	236160	0.87%	0.021%
166	10.875	10.853	10.902	PV	2954	53119	0.20%	0.005%
167	10.925	10.902	10.935	VV	5662	76389	0.28%	0.007%
168	10.961	10.935	10.988	VV	10245	193485	0.71%	0.017%
169	11.030	10.988	11.070	VV	16312	399376	1.47%	0.035%
170	11.103	11.070	11.132	VV	137091	2019400	7.41%	0.179%
171	11.148	11.132	11.185	VV	12056	238792	0.88%	0.021%
172	11.201	11.185	11.215	VV	3846	43543	0.16%	0.004%
173	11.239	11.215	11.255	VV	5419	101501	0.37%	0.009%
174	11.279	11.255	11.298	VV	8871	170771	0.63%	0.015%

Instrument :

FID_G

ClientSampleId :

RB105

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2025

Supervised By :mohammad ahmed 09/30/2025

						Instrument : FID_G ClientSampleId : RB105				
175	11.311	11.298	11.333	VV	7522	108481	0.40%	0.010%	A	
176	11.364	11.333	11.394	VV	9233	20688	Manual IntegrationsAPPROVED			B
177	11.427	11.394	11.473	VV	20742	43137	Reviewed By :Yogesh Patel 09/26/2025 Supervised By :mohammad ahmed 09/30/2025			C
178	11.520	11.473	11.535	VV	7859	17713				D
179	11.543	11.535	11.555	VV	5880	6835				E
180	11.569	11.555	11.582	VV	6689	92145				0.34%
181	11.590	11.582	11.614	VV	6405	94125	0.35%	0.008%	G	
182	11.639	11.614	11.654	VV	5731	109988	0.40%	0.010%	H	
183	11.675	11.654	11.708	VV	9819	241867	0.89%	0.021%	I	
184	11.738	11.708	11.758	VV	20863	348837	1.28%	0.031%	J	
185	11.767	11.758	11.791	VV	6030	103072	0.38%	0.009%		
186	11.831	11.791	11.877	VV	104640	1609896	5.91%	0.143%		
187	11.895	11.877	11.916	VV	6143	83266	0.31%	0.007%		
188	11.939	11.916	11.958	PV	3423	51551	0.19%	0.005%		
189	12.041	11.958	12.083	VV	13789	542920	1.99%	0.048%		
190	12.140	12.083	12.165	VV	10488	315106	1.16%	0.028%		
191	12.210	12.165	12.219	VV	7552	183376	0.67%	0.016%		
192	12.252	12.219	12.276	VV	15966	333371	1.22%	0.030%		
193	12.297	12.276	12.325	VV	11527	254418	0.93%	0.023%		
194	12.335	12.325	12.344	VV	7431	77644	0.29%	0.007%		
195	12.394	12.344	12.468	VV	39882	1137311	4.18%	0.101%		
196	12.495	12.468	12.508	VV	10046	174034	0.64%	0.015%		
197	12.528	12.508	12.591	VV	13697	464694	1.71%	0.041%		
198	12.657	12.591	12.672	VV	14456	496971	1.82%	0.044%		
199	12.687	12.672	12.701	VV	15966	238706	0.88%	0.021%		
200	12.725	12.701	12.767	VV	13603	418606	1.54%	0.037%		
201	12.789	12.767	12.807	VV	14549	277826	1.02%	0.025%		
202	12.824	12.807	12.868	VV	17535	501521	1.84%	0.044%		
203	12.922	12.868	12.955	VV	18924	693292	2.55%	0.061%		
204	12.985	12.955	13.036	VV	23703	851930	3.13%	0.075%		
205	13.061	13.036	13.102	VV	33726	853641	3.13%	0.076%		
206	13.119	13.102	13.145	VV	18954	423196	1.55%	0.037%		
207	13.179	13.145	13.198	VV	26468	701665	2.58%	0.062%		
208	13.207	13.198	13.248	VV	24177	550581	2.02%	0.049%		
209	13.285	13.248	13.296	VV	17985	465106	1.71%	0.041%		
210	13.344	13.296	13.370	VV	24022	904512	3.32%	0.080%		
211	13.393	13.370	13.411	VV	24547	524357	1.93%	0.046%		
212	13.514	13.411	13.541	VV	452013	7236323	26.57%	0.641%		
213	13.562	13.541	13.595	VV	56703	1352811	4.97%	0.120%		
214	13.618	13.595	13.667	VV	41257	1509035	5.54%	0.134%		
215	13.688	13.667	13.705	VV	39728	803388	2.95%	0.071%		
216	13.729	13.705	13.765	VV	55733	1588254	5.83%	0.141%		
217	13.805	13.765	13.830	VV	41360	1568562	5.76%	0.139%		
218	13.853	13.830	13.875	VV	55770	1268910	4.66%	0.112%		
219	13.908	13.875	13.933	VV	70541	1969913	7.23%	0.174%		
220	13.958	13.933	13.981	VV	65240	1698739	6.24%	0.150%		
221	14.005	13.981	14.038	VV	62298	1992650	7.32%	0.176%		

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222	14.120	14.038	14.155	VV	77887	4491883	16.49%	0.398%
223	14.184	14.155	14.209	VV	86743	251968		
224	14.229	14.209	14.255	VV	76191	203966		
225	14.277	14.255	14.306	VV	101436	268866		
226	14.332	14.306	14.346	VV	93263	203207		
227	14.358	14.346	14.371	VV	87407	1272624	4.67%	0.113%
228	14.423	14.371	14.445	VV	99732	4033635	14.81%	0.357%
229	14.508	14.445	14.538	VV	141822	6044334	22.19%	0.535%
230	14.579	14.538	14.621	VV	111347	5340575	19.61%	0.473%
231	14.666	14.621	14.686	VV	119532	4301317	15.79%	0.381%
232	14.701	14.686	14.712	VV	114832	1769301	6.50%	0.157%
233	14.744	14.712	14.775	VV	121782	4338098	15.93%	0.384%
234	14.794	14.775	14.818	VV	138914	3294290	12.09%	0.292%
235	14.836	14.818	14.848	VV	120805	2021163	7.42%	0.179%
236	14.914	14.848	14.927	VV	145959	5981592	21.96%	0.530%
237	14.937	14.927	14.948	VV	140173	1719122	6.31%	0.152%
238	14.972	14.948	15.026	VV	164113	6699111	24.59%	0.593%
239	15.103	15.026	15.169	VV	161512	12175708	44.70%	1.078%
240	15.182	15.169	15.211	VV	138802	3419290	12.55%	0.303%
241	15.246	15.211	15.263	VV	148318	4525736	16.62%	0.401%
242	15.289	15.263	15.298	VV	154866	3150420	11.57%	0.279%
243	15.313	15.298	15.325	VV	160331	2519341	9.25%	0.223%
244	15.331	15.325	15.348	VV	152574	1995684	7.33%	0.177%
245	15.388	15.348	15.400	VV	162772	4663142	17.12%	0.413%
246	15.457	15.400	15.491	VV	171477	8987453	33.00%	0.796%
247	15.531	15.491	15.565	VV	194653	7629700	28.01%	0.676%
248	15.640	15.565	15.677	VV	187288	11728881	43.06%	1.039%
249	15.727	15.677	15.751	VV	192794	8196481	30.09%	0.726%
250	15.754	15.751	15.794	VV	184962	4635109	17.02%	0.410%
251	15.849	15.794	15.881	VV	202877	10072784	36.98%	0.892%
252	15.944	15.881	16.034	VV	235549	19122676	70.20%	1.693%
253	16.057	16.034	16.078	VV	215657	5245245	19.26%	0.464%
254	16.095	16.078	16.122	VV	201266	5175233	19.00%	0.458%
255	16.143	16.122	16.165	VV	219121	5341228	19.61%	0.473%
256	16.183	16.165	16.205	VV	216445	5030615	18.47%	0.445%
257	16.234	16.205	16.293	VV	259285	12232230	44.91%	1.083%
258	16.312	16.293	16.329	VV	219002	4552874	16.71%	0.403%
259	16.376	16.329	16.401	VV	216782	9209489	33.81%	0.815%
260	16.457	16.401	16.508	VV	255659	14766721	54.21%	1.307%
261	16.523	16.508	16.531	VV	222024	3025073	11.11%	0.268%
262	16.622	16.531	16.681	VV	283103	22186119	81.45%	1.964%
263	16.748	16.681	16.776	VV	303031	15759290	57.86%	1.395%
264	16.797	16.776	16.845	VV	304900	10939972	40.16%	0.969%
265	16.877	16.845	16.898	VV	270369	8293817	30.45%	0.734%
266	16.916	16.898	16.945	VV	268467	7285049	26.75%	0.645%
267	16.958	16.945	16.971	VV	264157	4067207	14.93%	0.360%
268	16.984	16.971	16.998	VV	258934	4100315	15.05%	0.363%
269	17.040	16.998	17.051	VV	286053	8638349	31.71%	0.765%

Instrument :

FID_G

ClientSampleId :

RB105

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2025

Supervised By :mohammad ahmed 09/30/2025

						Instrument : FID_G ClientSampleId : RB105				
270	17.068	17.051	17.088	VV	297684	6429060	23.60%	0.569%	A	
271	17.099	17.088	17.107	VV	293426	336568	Manual IntegrationsAPPROVED			B
272	17.131	17.107	17.159	VV	315077	955356	Reviewed By :Yogesh Patel 09/26/2025 Supervised By :mohammad ahmed 09/30/2025			C
273	17.167	17.159	17.205	VV	291395	775393				D
274	17.243	17.205	17.295	VV	330938	1612625				E
275	17.300	17.295	17.315	VV	268704	3321354				12.19%
276	17.375	17.315	17.390	VV	303274	12573105	46.16%	1.113%	G	
277	17.414	17.390	17.438	VV	366192	9455394	34.71%	0.837%	H	
278	17.449	17.438	17.467	VV	302107	5041205	18.51%	0.446%	I	
279	17.486	17.467	17.495	VV	307047	5083202	18.66%	0.450%	J	
280	17.513	17.495	17.536	VV	313519	7280939	26.73%	0.645%		
281	17.636	17.536	17.671	VV	369207	26224514	96.28%	2.322%		
282	17.715	17.671	17.748	VV	343243	14429219	52.97%	1.278%		
283	17.785	17.748	17.796	VV	316491	8916747	32.74%	0.790%		
284	17.816	17.796	17.847	VV	343235	9757943	35.82%	0.864%		
285	17.876	17.847	17.897	VV	320427	9023033	33.13%	0.799%		
286	17.917	17.897	17.935	VV	318332	6938676	25.47%	0.614%		
287	17.963	17.935	17.995	VV	369590	11984347	44.00%	1.061%		
288	18.010	17.995	18.031	VV	298966	6257419	22.97%	0.554%		
289	18.046	18.031	18.078	VV	312702	8305015	30.49%	0.735%		
290	18.082	18.078	18.105	VV	289679	4568323	16.77%	0.404%		
291	18.144	18.105	18.161	VV	306606	10001109	36.72%	0.886%		
292	18.190	18.161	18.205	VV	347836	8463187	31.07%	0.749%		
293	18.216	18.205	18.231	VV	339616	5261366	19.32%	0.466%		
294	18.280	18.231	18.311	VV	351519	15736476	57.77%	1.393%		
295	18.334	18.311	18.379	VV	317094	12007079	44.08%	1.063%		
296	18.437	18.379	18.515	VV	453223	27238668	100.00%	2.412%		
297	18.528	18.515	18.539	VV	281860	3999120	14.68%	0.354%		
298	18.575	18.539	18.592	VV	290086	9008061	33.07%	0.798%		
299	18.643	18.592	18.713	VV	346572	21287275	78.15%	1.885%		
300	18.807	18.713	18.856	VV	452525	26178261	96.11%	2.318%		
301	18.873	18.856	18.883	VV	275019	4239677	15.56%	0.375%		
302	18.892	18.883	18.911	VV	268749	4456230	16.36%	0.395%		
303	18.919	18.911	18.942	VV	270200	4870257	17.88%	0.431%		
304	18.964	18.942	18.980	VV	283692	6304052	23.14%	0.558%		
305	18.990	18.980	19.011	VV	284682	5127929	18.83%	0.454%		
306	19.017	19.011	19.051	VV	272668	6303006	23.14%	0.558%		
307	19.111	19.051	19.159	VV	276511	17164208	63.01%	1.520%		
308	19.229	19.159	19.256	VV	353262	16353512	60.04%	1.448%		
309	19.279	19.256	19.348	VV	335963	15509711	56.94%	1.373%		
310	19.409	19.348	19.434	VV	270867	13493665	49.54%	1.195%		
311	19.479	19.434	19.498	VV	275352	10197394	37.44%	0.903%		
312	19.512	19.498	19.545	VV	291197	7786357	28.59%	0.689%		
313	19.561	19.545	19.604	VV	322606	9897285	36.34%	0.876%		
314	19.630	19.604	19.664	VV	293618	9564213	35.11%	0.847%		
315	19.705	19.664	19.792	VV	283439	19607911	71.99%	1.736%		
316	19.805	19.792	19.832	VV	252013	5924813	21.75%	0.525%		

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317	19.843	19.832	19.858	VV	263558	3886950	14.27%	0.344%
318	19.941	19.858	19.988	VV	343347	2214897		
319	20.035	19.988	20.081	VV	283512	1458596		
320	20.094	20.081	20.111	VV	262561	456213		
321	20.122	20.111	20.127	VV	258377	242657		
322	20.198	20.127	20.205	VV	280914	12641565	46.41%	1.119%
323	20.214	20.205	20.238	VV	285085	5527476	20.29%	0.489%
324	20.252	20.238	20.268	VV	282589	4968300	18.24%	0.440%
325	20.334	20.268	20.385	VV	331422	20173324	74.06%	1.786%
326	20.400	20.385	20.439	VV	259260	8157736	29.95%	0.722%
327	20.455	20.439	20.474	VV	265778	5440985	19.98%	0.482%
328	20.492	20.474	20.504	VV	266649	4566366	16.76%	0.404%
329	20.523	20.504	20.531	VV	273901	4409573	16.19%	0.390%
330	20.544	20.531	20.558	VV	277383	4355816	15.99%	0.386%
331	20.598	20.558	20.649	VV	300206	15303330	56.18%	1.355%
332	20.654	20.649	20.682	VV	274019	5381295	19.76%	0.476%
333	20.727	20.682	20.771	VV	289875	14221110	52.21%	1.259%
334	20.781	20.771	20.789	VV	253498	2638571	9.69%	0.234%
335	20.796	20.789	20.811	VV	254589	3246439	11.92%	0.287%
336	20.822	20.811	20.847	VV	248317	5259875	19.31%	0.466%
337	20.871	20.847	20.900	VV	259716	7814827	28.69%	0.692%
338	20.918	20.900	20.965	VV	248882	9103270	33.42%	0.806%
339	20.971	20.965	20.994	VV	223810	3825486	14.04%	0.339%
340	21.007	20.994	21.110	VV	224153	13665465	50.17%	1.210%
341	21.161	21.110	21.221	VV	205187	12484715	45.83%	1.105%
342	21.263	21.221	21.458	VV	219165	24352669	89.40%	2.156%
343	21.498	21.458	21.563	VV	140531	8116001	29.80%	0.719%
344	21.600	21.563	21.632	VV	125303	4901294	17.99%	0.434%
345	21.648	21.632	21.671	VV	120422	2758429	10.13%	0.244%
346	21.682	21.671	21.724	VV	122545	3603067	13.23%	0.319%
347	21.736	21.724	21.759	VV	112375	2263876	8.31%	0.200%
348	21.782	21.759	21.835	VV	110727	4459949	16.37%	0.395%
349	21.837	21.835	21.868	VV	87001	1647825	6.05%	0.146%
350	21.880	21.868	21.895	VV	81909	1228098	4.51%	0.109%
351	21.901	21.895	21.957	VV	82171	2797949	10.27%	0.248%
352	21.964	21.957	22.021	VV	73080	2196182	8.06%	0.194%
353	22.041	22.021	22.067	VV	58239	1360598	5.00%	0.120%
354	22.095	22.067	22.147	VV	51794	2297073	8.43%	0.203%
355	22.177	22.147	22.258	VV	61571	3162801	11.61%	0.280%
356	22.305	22.258	22.336	VV	41991	1478166	5.43%	0.131%
357	22.358	22.336	22.396	VV	29507	806191	2.96%	0.071%
358	22.434	22.396	22.538	VV	31457	1558846	5.72%	0.138%
359	22.544	22.538	22.560	VV	8944	55671	0.20%	0.005%
360	22.575	22.560	22.601	PBA	4486	412817	1.52%	0.037%

Sum of corrected areas: 1129401474

Aliphatic EPH 092425.M Thu Sep 25 16:51:36 2025

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A

B

C

D

E

F

G

H

I

J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AL\
 Data File : FG016652.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2025 17:52
 Operator : YP\AJ
 Sample : Q3192-02DL 20X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 RB105DL

Integration File: autoint1.e
 Quant Time: Sep 25 18:14:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:20:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.509	241549	2.140 ug/ml
Spiked Amount 50.000		Recovery =	4.28%

Target Compounds

(f)=RT Delta > 1/2 Window

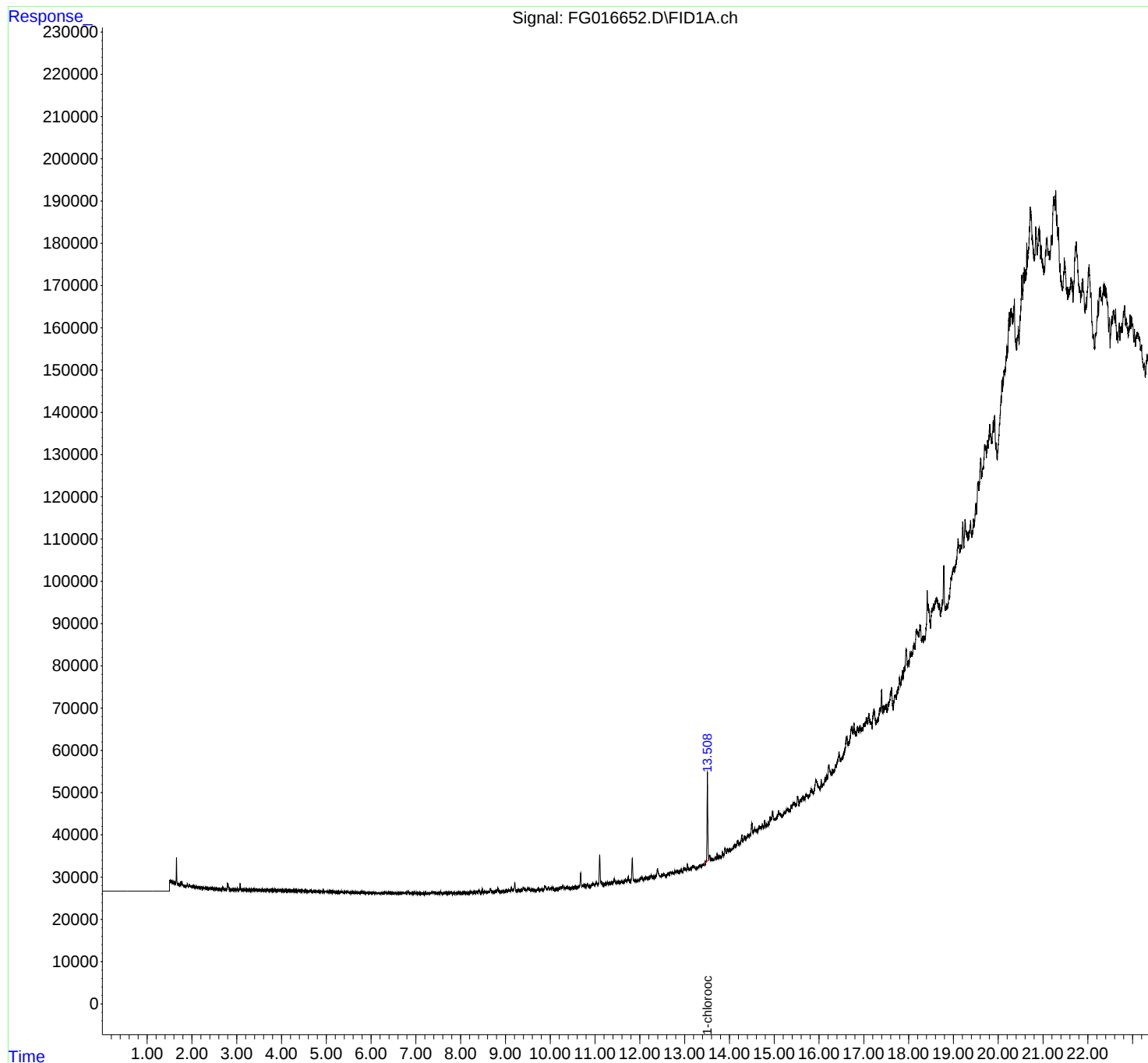
(m)=manual int.

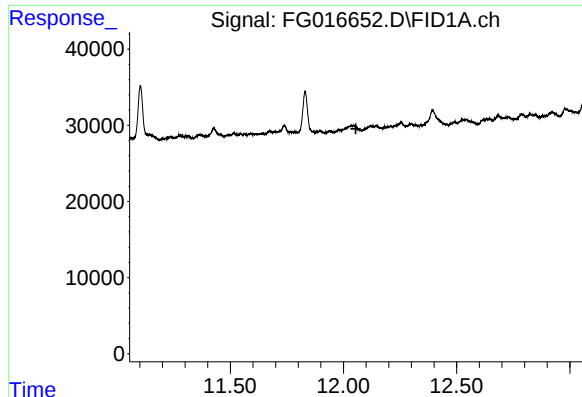
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AL\
Data File : FG016652.D
Signal(s) : FID1A.ch
Acq On : 25 Sep 2025 17:52
Operator : YP\AJ
Sample : Q3192-02DL 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
RB105DL

Integration File: autoint1.e
Quant Time: Sep 25 18:14:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 16:20:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 u1
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

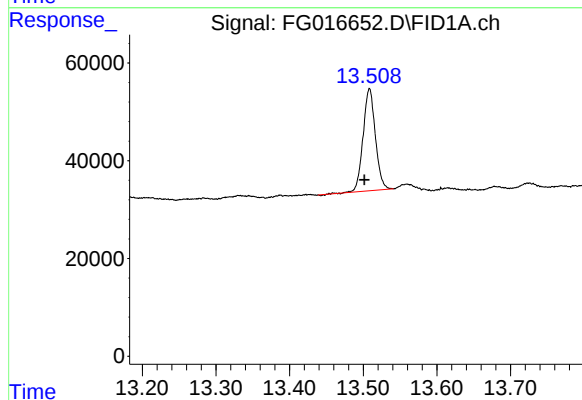




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 12.055 min
Response: 0
Conc: N.D.

Instrument :
FID_G
ClientSampleId :
RB105DL



#12 1-chlorooctadecane (SURR)

R.T.: 13.509 min
Delta R.T.: 0.007 min
Response: 241549
Conc: 2.14 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AL\
 Data File : FG016652.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2025 17:52
 Sample : Q3192-02DL 20X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.289	3.278	3.355	PV	69	1542	0.04%	0.003%
2	3.503	3.482	3.545	VV	95	2137	0.06%	0.004%
3	3.558	3.545	3.617	VV	108	1861	0.05%	0.003%
4	3.628	3.617	3.655	PV	108	1754	0.05%	0.003%
5	3.663	3.655	3.678	VV	125	1049	0.03%	0.002%
6	3.697	3.678	3.729	VV	146	2505	0.07%	0.004%
7	3.745	3.729	3.772	VV	91	1892	0.05%	0.003%
8	3.780	3.772	3.791	VV	87	892	0.02%	0.001%
9	3.805	3.791	3.852	VV	92	3907	0.10%	0.006%
10	3.858	3.852	3.902	VV	199	3310	0.09%	0.005%
11	3.916	3.902	3.962	VV	122	3103	0.08%	0.005%
12	3.968	3.962	4.024	VV	125	2648	0.07%	0.004%
13	4.031	4.024	4.064	VV	80	1219	0.03%	0.002%
14	4.092	4.064	4.144	VV	156	3913	0.10%	0.006%
15	4.292	4.277	4.312	VV	147	2038	0.05%	0.003%
16	4.346	4.312	4.370	VV	153	3555	0.09%	0.006%
17	4.381	4.370	4.396	VV	182	2226	0.06%	0.004%
18	4.476	4.465	4.512	VV	299	4864	0.13%	0.008%
19	4.531	4.512	4.558	VV	142	3056	0.08%	0.005%
20	4.564	4.558	4.615	VV	161	4041	0.11%	0.007%
21	4.724	4.698	4.737	VV	132	2426	0.06%	0.004%
22	4.764	4.737	4.793	VV	136	3450	0.09%	0.006%
23	4.825	4.793	4.848	VV	184	3531	0.09%	0.006%
24	4.856	4.848	4.882	VV	174	2729	0.07%	0.005%
25	4.893	4.882	4.909	VV	157	1939	0.05%	0.003%
26	4.954	4.945	4.978	VV	174	2764	0.07%	0.005%
27	4.995	4.978	5.041	VV	217	5121	0.14%	0.009%
28	5.063	5.041	5.085	VV	157	3609	0.10%	0.006%
29	5.110	5.085	5.148	VV	212	4434	0.12%	0.007%
30	5.165	5.148	5.199	VV	167	3074	0.08%	0.005%
31	5.221	5.199	5.258	PV	103	2375	0.06%	0.004%

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					rt	Area	%Area	%Area
32	5.264	5.258	5.308	VV	110	2181	0.06%	0.004%
33	5.326	5.308	5.337	VV	211	2399	0.06%	0.004%
34	5.407	5.385	5.454	VV	166	4815	0.13%	0.008%
35	5.467	5.454	5.508	VV	200	3284	0.09%	0.005%
36	5.517	5.508	5.528	VV	33	485	0.01%	0.001%
37	5.541	5.528	5.624	PV	105	4137	0.11%	0.007%
38	5.635	5.624	5.651	PV	101	948	0.03%	0.002%
39	5.665	5.651	5.771	VV	128	5464	0.15%	0.009%
40	5.834	5.828	5.878	VV	142	2572	0.07%	0.004%
41	5.894	5.878	5.936	VV	124	2099	0.06%	0.003%
42	5.945	5.936	5.958	VV	90	761	0.02%	0.001%
43	5.976	5.958	6.024	VV	189	3862	0.10%	0.006%
44	6.039	6.024	6.052	VV	73	1010	0.03%	0.002%
45	6.058	6.052	6.067	VV	65	558	0.01%	0.001%
46	6.101	6.067	6.137	VV	176	3833	0.10%	0.006%
47	6.167	6.137	6.249	VV	105	3970	0.11%	0.007%
48	6.272	6.249	6.291	PV	117	1539	0.04%	0.003%
49	6.311	6.291	6.351	VV	340	7085	0.19%	0.012%
50	6.371	6.351	6.401	VV	175	3762	0.10%	0.006%
51	6.422	6.401	6.441	VV	197	2634	0.07%	0.004%
52	6.469	6.441	6.492	VV	264	3955	0.11%	0.007%
53	6.533	6.492	6.572	VV	190	4755	0.13%	0.008%
54	6.584	6.572	6.598	VV	77	959	0.03%	0.002%
55	6.621	6.598	6.641	VV	127	2211	0.06%	0.004%
56	6.653	6.641	6.666	VV	108	1131	0.03%	0.002%
57	6.703	6.666	6.745	VV	186	5345	0.14%	0.009%
58	6.755	6.745	6.765	VV	142	1292	0.03%	0.002%
59	6.776	6.765	6.801	VV	195	2731	0.07%	0.005%
60	6.826	6.801	6.854	VV	810	10169	0.27%	0.017%
61	6.865	6.854	6.896	VV	89	1962	0.05%	0.003%
62	6.912	6.896	6.957	VV	182	3001	0.08%	0.005%
63	6.980	6.957	7.004	VV	427	5204	0.14%	0.009%
64	7.019	7.004	7.037	VV	205	2299	0.06%	0.004%
65	7.054	7.037	7.145	VV	91	2070	0.06%	0.003%
66	7.164	7.145	7.188	VV	141	1690	0.05%	0.003%
67	7.199	7.188	7.209	PV	88	600	0.02%	0.001%
68	7.234	7.209	7.274	VV	102	1864	0.05%	0.003%
69	7.303	7.274	7.322	PV	112	2131	0.06%	0.004%
70	7.341	7.322	7.351	VV	324	3736	0.10%	0.006%
71	7.362	7.351	7.376	VV	296	3787	0.10%	0.006%
72	7.402	7.376	7.430	VV	384	7345	0.20%	0.012%
73	7.452	7.430	7.487	VV	222	4986	0.13%	0.008%
74	7.505	7.487	7.535	VV	238	2754	0.07%	0.005%
75	7.551	7.535	7.595	PV	519	7180	0.19%	0.012%
76	7.654	7.595	7.688	PV	225	6365	0.17%	0.011%
77	7.739	7.688	7.759	VV	232	6169	0.16%	0.010%
78	7.779	7.759	7.815	VV	395	6159	0.16%	0.010%
79	7.841	7.815	7.855	VV	108	1670	0.04%	0.003%

80	7.875	7.855	7.886	VV	146	1866	0.05%	0.003%
81	7.892	7.886	7.905	VV	86	1080	0.03%	0.002%
82	7.912	7.905	7.928	VV	123	1373	0.04%	0.002%
83	7.955	7.928	7.985	VV	285	5236	0.14%	0.009%
84	8.003	7.985	8.025	VV	93	1255	0.03%	0.002%
85	8.046	8.025	8.058	PV	226	2346	0.06%	0.004%
86	8.074	8.058	8.112	VV	354	6547	0.17%	0.011%
87	8.121	8.112	8.145	VV	213	2640	0.07%	0.004%
88	8.154	8.145	8.195	VV	90	1661	0.04%	0.003%
89	8.218	8.195	8.256	VV	326	7156	0.19%	0.012%
90	8.267	8.256	8.285	VV	220	2544	0.07%	0.004%
91	8.310	8.285	8.333	VV	271	3482	0.09%	0.006%
92	8.358	8.333	8.378	VV	332	4440	0.12%	0.007%
93	8.406	8.378	8.459	VV	582	11705	0.31%	0.019%
94	8.484	8.459	8.512	PV	1056	11913	0.32%	0.020%
95	8.541	8.512	8.563	VV	295	5568	0.15%	0.009%
96	8.577	8.563	8.601	VV	207	2966	0.08%	0.005%
97	8.613	8.601	8.617	VV	163	1186	0.03%	0.002%
98	8.665	8.617	8.702	VV	867	21439	0.57%	0.036%
99	8.713	8.702	8.741	VV	335	4336	0.12%	0.007%
100	8.760	8.741	8.772	VV	214	3329	0.09%	0.006%
101	8.831	8.772	8.878	VV	969	21991	0.59%	0.037%
102	8.887	8.878	8.905	VV	130	1661	0.04%	0.003%
103	8.921	8.905	8.931	VV	226	2167	0.06%	0.004%
104	8.942	8.931	8.975	VV	226	3291	0.09%	0.005%
105	9.029	8.975	9.047	PV	412	9187	0.25%	0.015%
106	9.066	9.047	9.086	VV	407	7567	0.20%	0.013%
107	9.098	9.086	9.112	VV	283	3240	0.09%	0.005%
108	9.131	9.112	9.151	VV	1052	14218	0.38%	0.024%
109	9.171	9.151	9.185	VV	520	8297	0.22%	0.014%
110	9.209	9.185	9.245	VV	2124	33550	0.90%	0.056%
111	9.261	9.245	9.274	VV	294	3610	0.10%	0.006%
112	9.291	9.274	9.315	VV	374	6053	0.16%	0.010%
113	9.357	9.315	9.374	VV	360	7708	0.21%	0.013%
114	9.396	9.374	9.420	VV	932	16234	0.43%	0.027%
115	9.433	9.420	9.458	VV	501	9495	0.25%	0.016%
116	9.513	9.458	9.559	VV	583	23059	0.62%	0.038%
117	9.585	9.559	9.614	VV	490	8345	0.22%	0.014%
118	9.633	9.614	9.675	VV	189	3692	0.10%	0.006%
119	9.737	9.675	9.764	PV	300	10216	0.27%	0.017%
120	9.815	9.764	9.844	VV	337	10878	0.29%	0.018%
121	9.876	9.844	9.930	VV	1021	28344	0.76%	0.047%
122	9.959	9.930	9.988	VV	750	15104	0.40%	0.025%
123	10.010	9.988	10.022	VV	394	6325	0.17%	0.011%
124	10.040	10.022	10.098	VV	634	13480	0.36%	0.022%
125	10.140	10.098	10.183	VV	192	5050	0.13%	0.008%
126	10.201	10.183	10.217	PV	302	4006	0.11%	0.007%

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127	10.242	10.217	10.268	VV	566	12433	0.33%	0.021%
128	10.286	10.268	10.325	VV	961	16413	0.44%	0.027%
129	10.388	10.325	10.428	VV	389	16275	0.43%	0.027%
130	10.459	10.428	10.478	PV	191	2519	0.07%	0.004%
131	10.499	10.478	10.511	VV	238	3344	0.09%	0.006%
132	10.525	10.511	10.542	VV	249	2789	0.07%	0.005%
133	10.564	10.542	10.587	VV	245	3369	0.09%	0.006%
134	10.636	10.587	10.650	PV	342	5900	0.16%	0.010%
135	10.678	10.650	10.706	VV	3501	48881	1.30%	0.081%
136	10.728	10.706	10.755	VV	557	11840	0.32%	0.020%
137	10.763	10.755	10.793	VV	424	7368	0.20%	0.012%
138	10.828	10.793	10.852	VV	784	12279	0.33%	0.020%
139	10.875	10.852	10.891	PV	145	1711	0.05%	0.003%
140	10.934	10.891	10.944	VV	424	6351	0.17%	0.011%
141	10.961	10.944	10.988	VV	556	9689	0.26%	0.016%
142	11.030	10.988	11.069	VV	1040	23904	0.64%	0.040%
143	11.103	11.069	11.187	VV	7194	126595	3.38%	0.210%
144	11.238	11.187	11.253	PV	354	8220	0.22%	0.014%
145	11.278	11.253	11.296	VV	510	9448	0.25%	0.016%
146	11.310	11.296	11.336	VV	443	6426	0.17%	0.011%
147	11.368	11.336	11.395	VV	458	10995	0.29%	0.018%
148	11.427	11.395	11.473	VV	1267	27236	0.73%	0.045%
149	11.490	11.473	11.498	VV	336	3555	0.09%	0.006%
150	11.515	11.498	11.532	VV	535	7759	0.21%	0.013%
151	11.543	11.532	11.578	VV	380	8435	0.23%	0.014%
152	11.592	11.578	11.618	VV	376	6638	0.18%	0.011%
153	11.673	11.618	11.688	VV	557	14819	0.40%	0.025%
154	11.738	11.688	11.772	VV	1291	30769	0.82%	0.051%
155	11.786	11.772	11.797	VV	341	4664	0.12%	0.008%
156	11.831	11.797	11.875	VV	5645	87156	2.33%	0.145%
157	11.896	11.875	11.921	VV	401	5814	0.16%	0.010%
158	11.939	11.921	11.958	PV	242	3262	0.09%	0.005%
159	12.035	11.958	12.085	VV	802	32561	0.87%	0.054%
160	12.119	12.085	12.138	VV	605	13527	0.36%	0.022%
161	12.146	12.138	12.170	VV	599	8187	0.22%	0.014%
162	12.254	12.170	12.277	VV	866	29296	0.78%	0.049%
163	12.299	12.277	12.328	VV	566	13175	0.35%	0.022%
164	12.394	12.328	12.465	VV	2254	65622	1.75%	0.109%
165	12.490	12.465	12.505	VV	483	8207	0.22%	0.014%
166	12.525	12.505	12.535	VV	782	10786	0.29%	0.018%
167	12.543	12.535	12.595	VV	736	13862	0.37%	0.023%
168	12.644	12.595	12.661	PV	595	17593	0.47%	0.029%
169	12.683	12.661	12.702	VV	919	15770	0.42%	0.026%
170	12.727	12.702	12.748	VV	621	13751	0.37%	0.023%
171	12.787	12.748	12.805	VV	842	16707	0.45%	0.028%
172	12.824	12.805	12.835	VV	723	10256	0.27%	0.017%
173	12.847	12.835	12.865	VV	598	8119	0.22%	0.013%
174	12.922	12.865	12.954	VV	752	20298	0.54%	0.034%

175	12.979	12.954	13.035	VV	966	26666	0.71%	0.044%
176	13.060	13.035	13.100	VV	1709	30177	0.81%	0.050%
177	13.116	13.100	13.132	VV	539	7464	0.20%	0.012%
178	13.180	13.132	13.196	VV	989	21719	0.58%	0.036%
179	13.206	13.196	13.246	VV	608	11593	0.31%	0.019%
180	13.284	13.246	13.299	PV	280	5129	0.14%	0.009%
181	13.333	13.299	13.368	VV	649	14777	0.39%	0.025%
182	13.427	13.368	13.442	PV	425	13868	0.37%	0.023%
183	13.508	13.442	13.540	VV	21634	279881	7.47%	0.465%
184	13.559	13.540	13.593	VV	1845	37403	1.00%	0.062%
185	13.615	13.593	13.636	VV	800	14207	0.38%	0.024%
186	13.644	13.636	13.658	VV	344	3352	0.09%	0.006%
187	13.680	13.658	13.699	VV	670	10925	0.29%	0.018%
188	13.725	13.699	13.751	VV	1192	20492	0.55%	0.034%
189	13.770	13.751	13.805	VV	352	8590	0.23%	0.014%
190	13.848	13.805	13.868	PV	1001	11287	0.30%	0.019%
191	13.904	13.868	13.928	PV	1396	22165	0.59%	0.037%
192	13.957	13.928	13.982	PV	786	12413	0.33%	0.021%
193	14.024	13.992	14.041	BH	31	-3394	-0.09%	-0.006%
194	14.122	14.041	14.142	PH	1046	29076	0.78%	0.048%
195	14.179	14.142	14.205	HH	2083	50691	1.35%	0.084%
196	14.224	14.205	14.235	HH	1557	24697	0.66%	0.041%
197	14.275	14.235	14.302	HH	3278	87710	2.34%	0.146%
198	14.328	14.302	14.345	HH	3066	63619	1.70%	0.106%
199	14.359	14.345	14.370	HH	2633	38795	1.03%	0.064%
200	14.421	14.370	14.438	HH	3424	123684	3.30%	0.205%
201	14.501	14.438	14.532	HH	6110	242957	6.48%	0.404%
202	14.568	14.532	14.618	HH	4791	223888	5.97%	0.372%
203	14.660	14.618	14.677	HH	5343	171409	4.57%	0.285%
204	14.690	14.677	14.704	HH	5305	82420	2.20%	0.137%
205	14.739	14.704	14.764	HH	5591	190376	5.08%	0.316%
206	14.790	14.764	14.809	HH	6861	160174	4.27%	0.266%
207	14.831	14.809	14.842	HH	5945	110085	2.94%	0.183%
208	14.866	14.842	14.881	HH	6085	138280	3.69%	0.230%
209	14.904	14.881	14.923	HH	7609	173309	4.62%	0.288%
210	14.962	14.923	15.015	HH	8953	415141	11.08%	0.690%
211	15.095	15.015	15.119	HH	9067	490390	13.08%	0.815%
212	15.129	15.119	15.182	HH	8395	297782	7.94%	0.495%
213	15.239	15.182	15.247	HH	8664	326685	8.72%	0.543%
214	15.273	15.247	15.285	HH	9272	208014	5.55%	0.346%
215	15.300	15.285	15.322	HH	9766	205625	5.49%	0.342%
216	15.344	15.322	15.354	HH	9001	176151	4.70%	0.293%
217	15.379	15.354	15.388	HH	10311	201540	5.38%	0.335%
218	15.434	15.388	15.448	HH	11065	379487	10.12%	0.630%
219	15.527	15.478	15.558	HH	12484	537249	14.33%	0.892%
220	15.632	15.602	15.680	HH	12231	560276	14.95%	0.931%
221	15.712	15.680	15.721	HH	12949	309139	8.25%	0.513%

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222	15.731	15.721	15.758	HH	12894	277713	7.41%	0.461%
223	15.822	15.758	15.839	HH	14193	639223	17.05%	1.062%
224	15.849	15.839	15.885	HH	13882	372551	9.94%	0.619%
225	16.049	16.025	16.073	HH	16271	442741	11.81%	0.735%
226	16.169	16.148	16.187	HH	17405	400810	10.69%	0.666%
227	16.296	16.282	16.308	HH	18828	286350	7.64%	0.476%
228	16.446	16.389	16.481	HH	22599	1171527	31.25%	1.946%
229	16.509	16.481	16.528	HH	21753	611414	16.31%	1.016%
230	16.620	16.528	16.641	HH	26528	1630962	43.51%	2.709%
231	16.652	16.641	16.667	HH	25319	395103	10.54%	0.656%
232	17.022	16.976	17.031	HV	28684	940790	25.10%	1.563%
233	17.053	17.031	17.084	VV	29276	895993	23.90%	1.488%
234	17.113	17.084	17.182	VV	28951	1597822	42.63%	2.654%
235	17.228	17.182	17.267	VV	27357	1315367	35.09%	2.185%
236	17.309	17.267	17.320	VV	23694	753191	20.09%	1.251%
237	17.395	17.320	17.418	VV	28479	1459439	38.93%	2.424%
238	17.432	17.418	17.446	VV	24031	395751	10.56%	0.657%
239	17.502	17.446	17.522	VV	22858	1013405	27.04%	1.683%
240	17.618	17.522	17.658	VV	24366	1801506	48.06%	2.992%
241	17.698	17.658	17.724	VV	20932	794334	21.19%	1.319%
242	17.797	17.724	17.821	VV	22462	1237091	33.00%	2.055%
243	17.863	17.821	17.877	VV	22891	721200	19.24%	1.198%
244	17.942	17.877	17.978	VV	26694	1430450	38.16%	2.376%
245	17.997	17.978	18.009	VV	22697	410421	10.95%	0.682%
246	18.031	18.009	18.051	VV	24128	578778	15.44%	0.961%
247	18.063	18.051	18.082	VV	23308	414787	11.07%	0.689%
248	18.120	18.082	18.143	VV	24157	854476	22.80%	1.419%
249	18.182	18.143	18.232	VV	26028	1309054	34.92%	2.174%
250	18.261	18.232	18.292	VV	25168	855968	22.84%	1.422%
251	18.316	18.292	18.335	VV	21435	543493	14.50%	0.903%
252	18.341	18.335	18.375	VV	21050	486409	12.98%	0.808%
253	18.415	18.375	18.488	VV	30015	1642746	43.82%	2.729%
254	18.557	18.488	18.572	VV	23952	1145333	30.56%	1.902%
255	18.624	18.572	18.636	VV	24015	902732	24.08%	1.499%
256	18.642	18.636	18.678	VV	23161	554194	14.78%	0.921%
257	18.687	18.678	18.710	VV	20783	384417	10.26%	0.639%
258	18.851	18.835	18.868	VV	17658	336386	8.97%	0.559%
259	19.104	19.015	19.120	VV	27532	1503660	40.11%	2.498%
260	19.127	19.120	19.138	VV	25783	279420	7.45%	0.464%
261	19.315	19.309	19.322	VV	24397	195089	5.20%	0.324%
262	19.609	19.572	19.640	VV	35895	1329056	35.46%	2.208%
263	19.889	19.865	19.902	VV	38520	812783	21.68%	1.350%
264	19.955	19.948	19.973	VV	31938	452801	12.08%	0.752%
265	20.361	20.319	20.414	VV	57404	2886465	77.00%	4.794%
266	20.636	20.545	20.667	M	57773	3748428	100.00%	6.226%
267	21.091	21.037	21.140	VV	56034	3288908	87.74%	5.463%
268	21.150	21.140	21.160	VV	51632	631615	16.85%	1.049%
269	21.345	21.335	21.437	VV	52987	2606593	69.54%	4.330%

270	21.624	21.572	21.651	VV	rteres 34668	1581790	42.20%	2.627%
271	21.660	21.651	21.672	VV	32532	388528	10.37%	0.645%
272	21.849	21.838	21.858	VV	26866	317680	8.48%	0.528%
273	21.869	21.858	21.875	VV	28898	274099	7.31%	0.455%
274	21.948	21.938	21.957	VV	21635	235930	6.29%	0.392%
275	22.123	22.113	22.151	VV	10833	216830	5.78%	0.360%
276	22.170	22.151	22.178	VV	10348	149031	3.98%	0.248%
277	22.482	22.473	22.497	VV	7383	66438	1.77%	0.110%
278	22.581	22.553	22.602	VBA	3012	194470	5.19%	0.323%
Sum of corrected areas:						60204201		

Aliphatic EPH 092425.M Thu Sep 25 18:53:44 2025

5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092625AL\
Data File : FC069854.D
Signal(s) : FID1A.ch
Acq On : 26 Sep 2025 10:37
Operator : YP/AJ
Sample : PB169823BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169823BL

Integration File: autoint1.e
Quant Time: Sep 27 06:07:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
Quant Title : GC Extractables
QLast Update : Tue Sep 23 14:56:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.094	4292135	27.179 ug/ml
Spiked Amount	50.000	Recovery	= 54.36%

Target Compounds

(f)=RT Delta > 1/2 Window

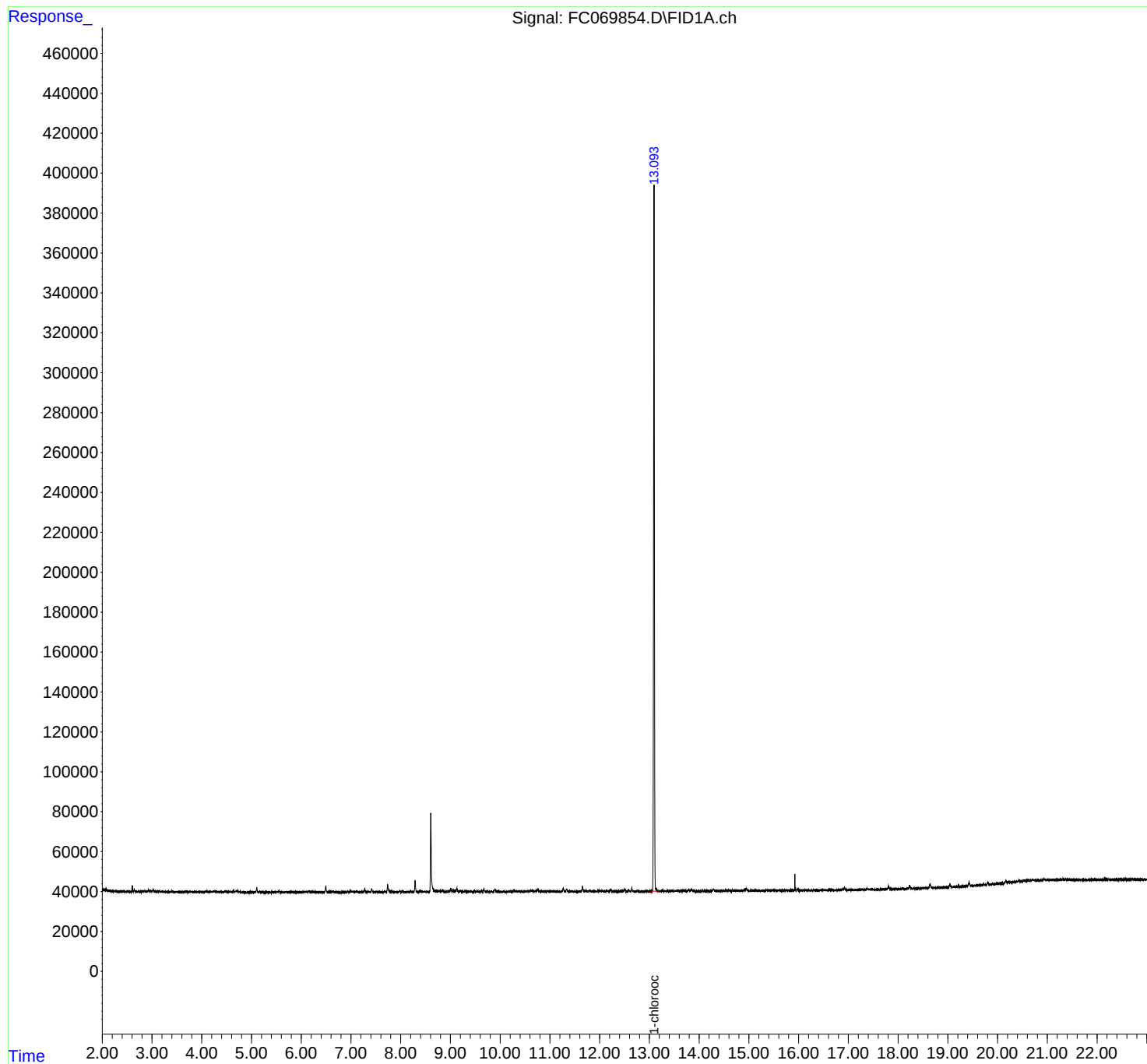
(m)=manual int.

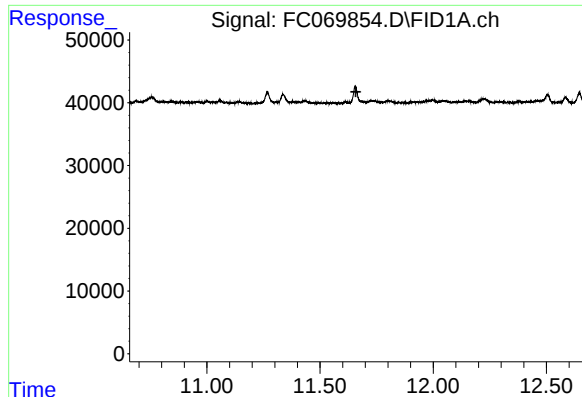
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092625AL\
Data File : FC069854.D
Signal(s) : FID1A.ch
Acq On : 26 Sep 2025 10:37
Operator : YP/AJ
Sample : PB169823BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169823BL

Integration File: autoint1.e
Quant Time: Sep 27 06:07:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
Quant Title : GC Extractables
QLast Update : Tue Sep 23 14:56:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.658 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
PB169823BL

#12 1-chlorooctadecane (SURR)

R.T.: 13.094 min
Delta R.T.: 0.000 min
Response: 4292135
Conc: 27.18 ug/ml

Report

rteres

Area Percent

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092625AL\
 Data File : FC069854.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2025 10:37
 Sample : PB169823BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH
 092325.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	13.094	13.037	13.189	BB	354657	4292135	100.00%	100.000%
Sum of corrected areas:						4292135		

Aliphatic EPH 092325.M Sat Sep 27 06:41:33 2025

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100125AR\
 Data File : FD049785.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 15:40
 Operator : YP/AJ
 Sample : PB169823BL
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB169823BL

Integration File: autoint1.e
 Quant Time: Oct 02 10:16:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.697	4958684	44.092 ug/ml
Spiked Amount 50.000		Recovery =	88.18%
6) S 2-Fluorobiphenyl (SURR)	8.561	3576173	44.551 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.10%
11) S ortho-Terphenyl (SURR)	11.610	6927330	48.963 ug/ml
Spiked Amount 50.000		Recovery =	97.93%

Target Compounds

(f)=RT Delta > 1/2 Window

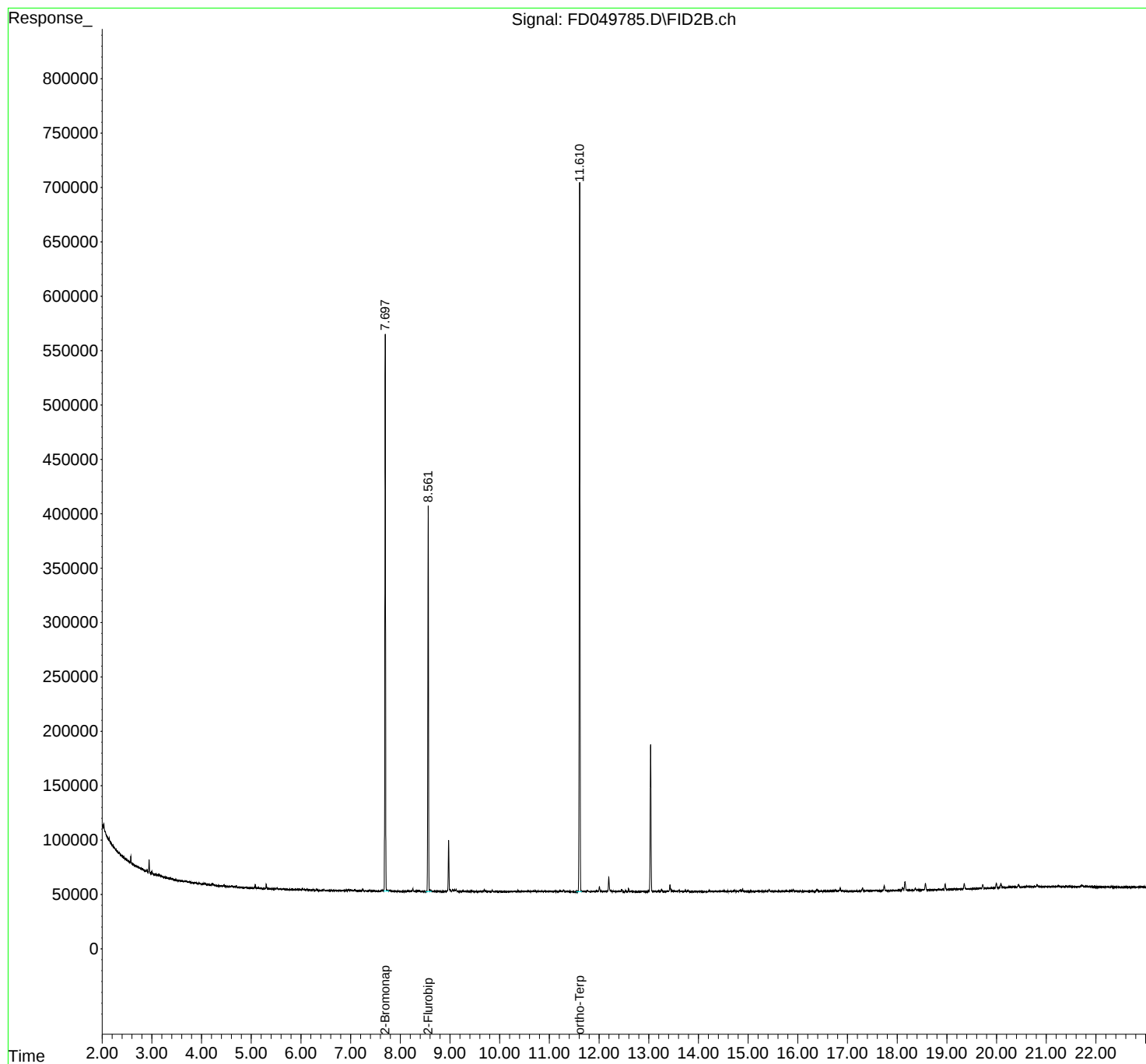
(m)=manual int.

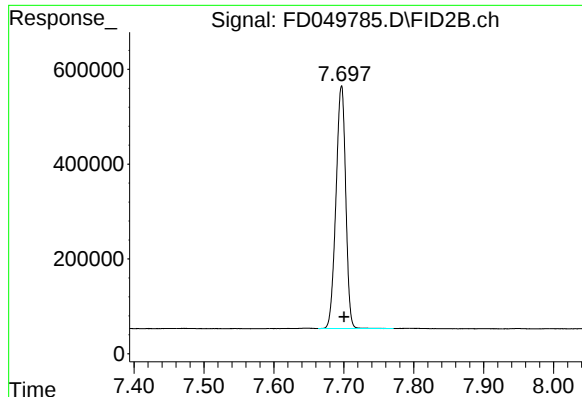
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100125AR\
Data File : FD049785.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 15:40
Operator : YP/AJ
Sample : PB169823BL
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB169823BL

Integration File: autoint1.e
Quant Time: Oct 02 10:16:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
Quant Title : GC Extractables
QLast Update : Fri Sep 05 06:31:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





#4 2-Bromonaphthalene (SURR)

R.T.: 7.697 min
Delta R.T.: -0.004 min
Response: 4958684
Conc: 44.09 ug/ml

Instrument :
FID_D
ClientSampleId :
PB169823BL

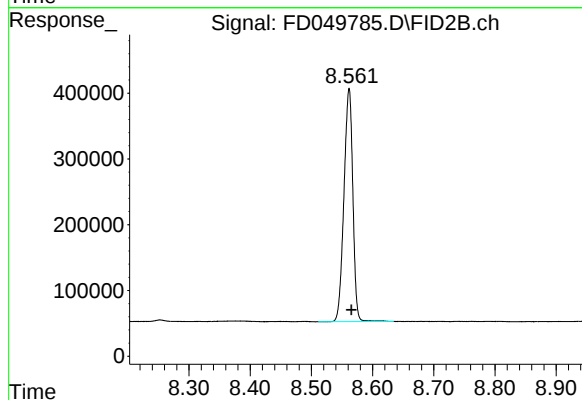
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#6 2-Fluorobiphenyl (SURR)

R.T.: 8.561 min
Delta R.T.: -0.004 min
Response: 3576173
Conc: 44.55 ug/ml

E

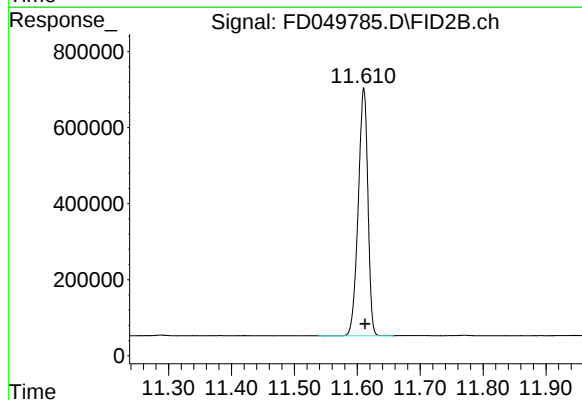
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#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.002 min
Response: 6927330
Conc: 48.96 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100125AR\
 Data File : FD049785.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 15:40
 Sample : PB169823BL
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	7.697	7.663	7.771	VB	517457	4958684	71.58%	32.070%
2	8.561	8.511	8.635	BB	353841	3576173	51.62%	23.129%
3	11.610	11.538	11.658	BB	653716	6927330	100.00%	44.802%
Sum of corrected areas:						15462188		

Aromatic EPH 090425.M Thu Oct 02 10:22:11 2025

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092625AL\
 Data File : FC069855.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2025 13:39
 Operator : YP/AJ
 Sample : PB169823BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB169823BS

Integration File: autoint1.e
 Quant Time: Sep 27 06:08:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 Qlast Update : Tue Sep 23 14:56:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.097	6171064	39.078 ug/ml
Spiked Amount 50.000		Recovery =	78.16%
Target Compounds			
1) T n-Nonane (C9)	3.399	2685624	20.950 ug/ml
2) T n-Decane (C10)	4.471	3447612	25.945 ug/ml
4) T n-Dodecane (C12)	6.493	4287025	30.732 ug/ml
6) T n-Tetradecane (C14)	8.291	4950488	33.377 ug/ml
7) T n-Hexadecane (C16)	9.894	5614939	34.024 ug/ml
8) T n-Octadecane (C18)	11.338	6279700	35.236 ug/ml
10) T n-Eicosane (C20)	12.650	6818781	37.859 ug/ml
11) T n-Heneicosane (C21)	13.261	6692662	37.117 ug/ml
13) T n-Docosane (C22)	13.849	6754131	37.177 ug/ml
14) T n-Tetracosane (C24)	14.953	6785655	36.878 ug/ml
15) T n-Hexacosane (C26)	15.975	6639463	36.569 ug/ml
16) T n-Octacosane (C28)	16.925	6440409	36.484 ug/ml
17) T n-Tricontane (C30)	17.814	6318850	36.101 ug/ml
18) T n-Dotriacontane (C32)	18.647	5974634	36.930 ug/ml
19) T n-Tetratriacontane (C34)	19.431	5577215	39.908 ug/ml
20) T n-Hexatriacontane (C36)	20.171	4897996	43.384 ug/ml
21) T n-Octatriacontane (C38)	20.933	4381476	45.420 ug/ml
22) T n-Tetracontane (C40)	21.891	3864052	44.864 ug/ml

(f)=RT Delta > 1/2 Window

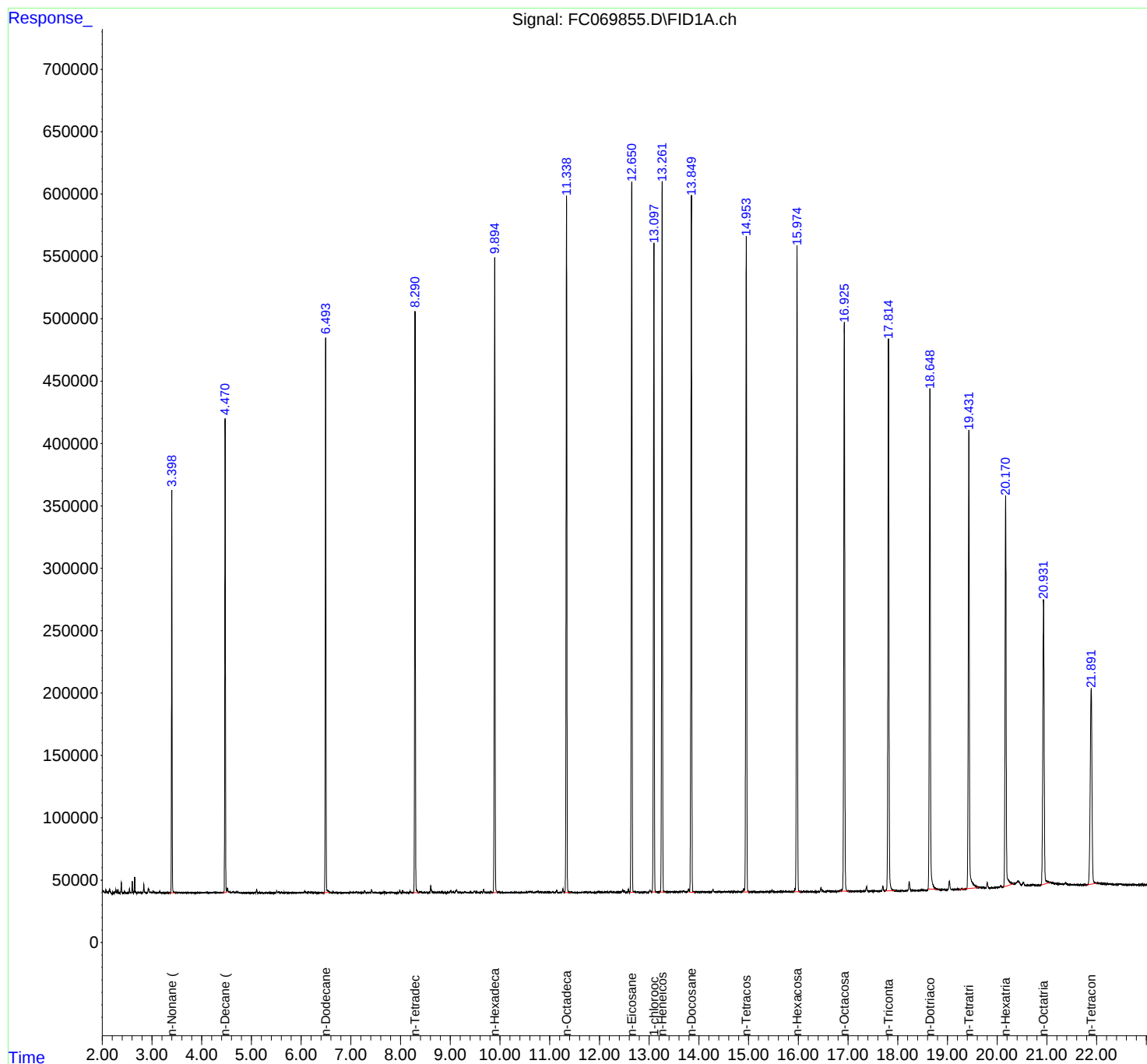
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092625AL\
Data File : FC069855.D
Signal(s) : FID1A.ch
Acq On : 26 Sep 2025 13:39
Operator : YP/AJ
Sample : PB169823BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169823BS

Integration File: autoint1.e
Quant Time: Sep 27 06:08:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
Quant Title : GC Extractables
QLast Update : Tue Sep 23 14:56:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092625AL\
 Data File : FC069855.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2025 13:39
 Sample : PB169823BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH
 092325.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.399	3.349	3.462	BB	322297	2685624	39.39%	2.568%
2	4.471	4.414	4.501	BV	379810	3447612	50.56%	3.297%
3	6.493	6.430	6.569	BB	445265	4287025	62.87%	4.099%
4	8.291	8.235	8.367	BV	466297	4950488	72.60%	4.734%
5	9.894	9.847	9.947	BB	510899	5614939	82.35%	5.369%
6	11.338	11.295	11.409	VB	558739	6279700	92.09%	6.005%
7	12.650	12.609	12.695	PV	570183	6818781	100.00%	6.520%
8	13.097	13.054	13.150	BB	521526	6171064	90.50%	5.901%
9	13.261	13.220	13.324	BB	571556	6692662	98.15%	6.399%
10	13.849	13.811	13.922	VB	556558	6754131	99.05%	6.458%
11	14.953	14.917	15.017	VB	526391	6785655	99.51%	6.488%
12	15.975	15.904	16.052	BB	515348	6639463	97.37%	6.349%
13	16.925	16.830	17.019	BB	455237	6440409	94.45%	6.158%
14	17.814	17.749	17.949	BB	442954	6318850	92.67%	6.042%
15	18.647	18.610	18.809	BB	400722	5974634	87.62%	5.713%
16	19.431	19.237	19.634	BB	368958	5577215	81.79%	5.333%
17	20.171	20.120	20.335	BB	312694	4897996	71.83%	4.683%
18	20.933	20.880	21.062	BB	227385	4381476	64.26%	4.190%
19	21.891	21.797	22.007	BB	157161	3864052	56.67%	3.695%

Sum of corrected areas: 104581776

Aliphatic EPH 092325.M Sat Sep 27 06:44:16 2025

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100125AR\
 Data File : FD049784.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 14:56
 Operator : YP/AJ
 Sample : PB169823BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB169823BS

Integration File: autoint1.e
 Quant Time: Oct 02 10:15:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.697	4307044	38.297 ug/ml
Spiked Amount 50.000		Recovery =	76.59%
6) S 2-Fluorobiphenyl (SURR)	8.561	3064968	38.183 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.37%
11) S ortho-Terphenyl (SURR)	11.610	6084058	43.003 ug/ml
Spiked Amount 50.000		Recovery =	86.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	3475813	32.257 ug/ml
2) T Naphthalene (C11.7)	6.031	4285402	34.460 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	4278724	32.829 ug/ml
5) T Acenaphthylene (C15.06)	8.365	5189790	37.433 ug/ml
7) T Acenaphthene (C15.5)	8.662	5251324	37.882 ug/ml
8) T Flouorene (C16.55)	9.444	5651413	40.742 ug/ml
9) T Phenanthrene (C19.36)	10.843	6015809	43.185 ug/ml
10) T Anthracene (C19.43)	10.918	5713315	43.269 ug/ml
12) T Fluoranthene (C21.85)	12.658	6182701	45.910 ug/ml
13) T Pyrene (C20.8)	12.957	6217142	46.737 ug/ml
14) T Benzo[a]anthracene (C...	14.829	5733767	47.947 ug/ml
15) T Chrysene (C27.41)	14.874	6265826	51.506 ug/ml
16) T benzo[b]fluoranthene ...	16.380	5536280	46.186 ug/ml
17) T Bnezo[k]fluoranthene ...	16.416	5479463	48.631 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.760	5314809	45.292 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.128	5503413	50.587 ug/ml
20) T Dibenz[a,h]anthracene...	18.166	5113486	44.875 ug/ml
21) T Benzo[g,h,i]perylene ...	18.383	4901629	42.126 ug/ml

(f)=RT Delta > 1/2 Window

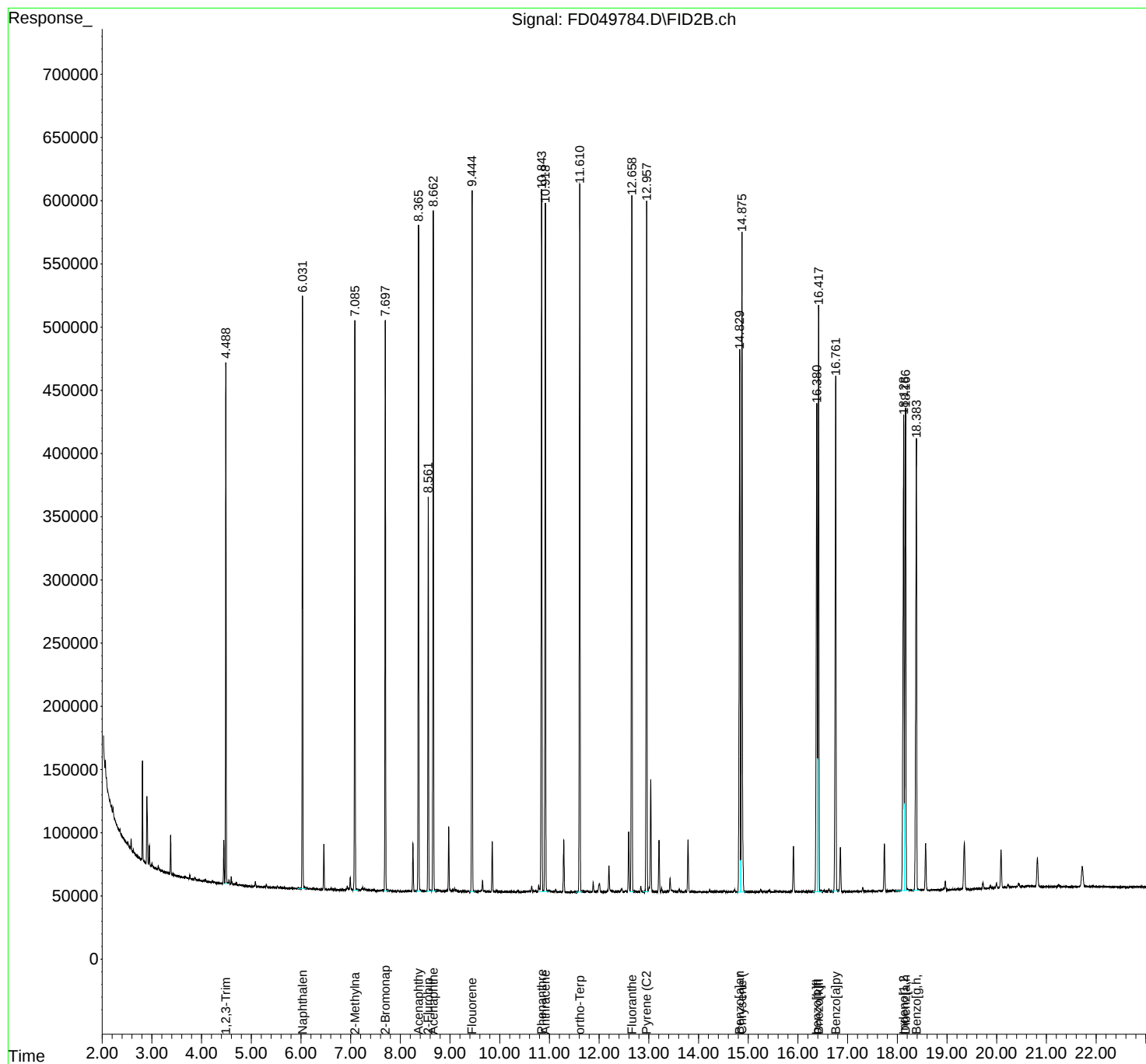
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100125AR\
Data File : FD049784.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 14:56
Operator : YP/AJ
Sample : PB169823BS
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB169823BS

Integration File: autoint1.e
Quant Time: Oct 02 10:15:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
Quant Title : GC Extractables
QLast Update : Fri Sep 05 06:31:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100125AR\
 Data File : FD049784.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 14:56
 Sample : PB169823BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.488	4.466	4.534	VV	410848	3475813	55.47%	3.172%
2	6.031	5.941	6.104	BB	469885	4285402	68.39%	3.911%
3	7.085	7.048	7.161	PB	448104	4278724	68.29%	3.905%
4	7.697	7.668	7.761	PB	452773	4307044	68.74%	3.931%
5	8.365	8.314	8.431	BB	523248	5189790	82.83%	4.737%
6	8.561	8.514	8.628	BB	310749	3064968	48.92%	2.797%
7	8.662	8.628	8.724	BB	531167	5251324	83.81%	4.793%
8	9.444	9.394	9.501	BB	556251	5651413	90.19%	5.158%
9	10.843	10.799	10.881	VV	561054	6015809	96.01%	5.491%
10	10.918	10.881	10.978	VV	540647	5713315	91.18%	5.214%
11	11.610	11.534	11.661	BB	564852	6084058	97.10%	5.553%
12	12.658	12.622	12.701	VB	547078	6182701	98.67%	5.643%
13	12.957	12.874	12.985	BV	549737	6217142	99.22%	5.674%
14	14.829	14.771	14.849	BV	428494	5733767	91.51%	5.233%
15	14.874	14.849	14.944	VB	518337	6265826	100.00%	5.719%
16	16.380	16.301	16.396	BV	387259	5536280	88.36%	5.053%
17	16.416	16.396	16.498	VB	472566	5479463	87.45%	5.001%
18	16.760	16.678	16.801	BB	408073	5314809	84.82%	4.851%
19	18.128	17.968	18.143	BV	374353	5503413	87.83%	5.023%
20	18.166	18.143	18.234	VB	384953	5113486	81.61%	4.667%
21	18.383	18.301	18.444	BB	362531	4901629	78.23%	4.474%
Sum of corrected areas:						109566175		

Aromatic EPH 090425.M Thu Oct 02 10:21:10 2025

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092625AL\
 Data File : FC069856.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2025 14:25
 Operator : YP/AJ
 Sample : PB169823BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB169823BSD

Integration File: autoint1.e
 Quant Time: Sep 27 06:08:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 14:56:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.096	6307554	39.942 ug/ml
Spiked Amount 50.000		Recovery =	79.88%
Target Compounds			
1) T n-Nonane (C9)	3.399	2649593	20.669 ug/ml
2) T n-Decane (C10)	4.471	3372741	25.382 ug/ml
4) T n-Dodecane (C12)	6.493	4161781	29.834 ug/ml
6) T n-Tetradecane (C14)	8.291	4844892	32.665 ug/ml
7) T n-Hexadecane (C16)	9.895	5558912	33.685 ug/ml
8) T n-Octadecane (C18)	11.339	6295117	35.322 ug/ml
10) T n-Eicosane (C20)	12.650	6917461	38.406 ug/ml
11) T n-Heneicosane (C21)	13.262	6830349	37.880 ug/ml
13) T n-Docosane (C22)	13.850	6936672	38.182 ug/ml
14) T n-Tetracosane (C24)	14.954	7049461	38.312 ug/ml
15) T n-Hexacosane (C26)	15.976	6945673	38.255 ug/ml
16) T n-Octacosane (C28)	16.927	6753067	38.255 ug/ml
17) T n-Tricontane (C30)	17.815	6625537	37.854 ug/ml
18) T n-Dotriacontane (C32)	18.648	6268333	38.745 ug/ml
19) T n-Tetratriacontane (C34)	19.431	5827356	41.698 ug/ml
20) T n-Hexatriacontane (C36)	20.172	5068778	44.896 ug/ml
21) T n-Octatriacontane (C38)	20.933	4508780	46.739 ug/ml
22) T n-Tetracontane (C40)	21.892	3920949	45.525 ug/ml

(f)=RT Delta > 1/2 Window

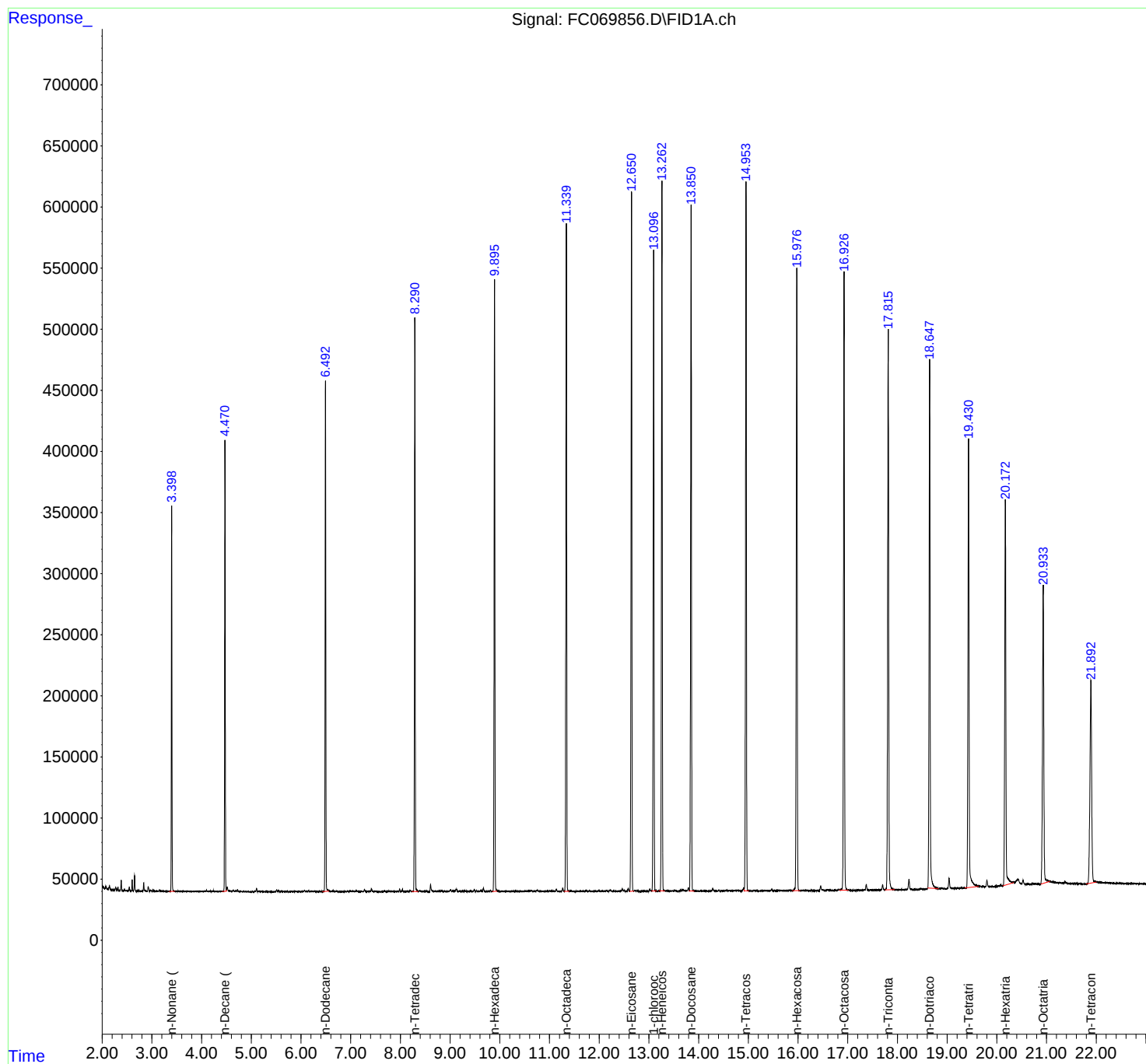
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092625AL\
Data File : FC069856.D
Signal(s) : FID1A.ch
Acq On : 26 Sep 2025 14:25
Operator : YP/AJ
Sample : PB169823BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169823BSD

Integration File: autoint1.e
Quant Time: Sep 27 06:08:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
Quant Title : GC Extractables
QLast Update : Tue Sep 23 14:56:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



Report

rteres

Area Percent

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092625AL\
 Data File : FC069856.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2025 14:25
 Sample : PB169823BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH
 092325.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.399	3.349	3.460	BB	315532	2649593	37.59%	2.480%
2	4.471	4.415	4.501	BV	369318	3372741	47.84%	3.157%
3	6.493	6.432	6.567	BB	416760	4161781	59.04%	3.895%
4	8.291	8.224	8.362	BV	469037	4844892	68.73%	4.535%
5	9.895	9.847	9.949	BB	502516	5558912	78.86%	5.203%
6	11.339	11.289	11.395	VB	545561	6295117	89.30%	5.892%
7	12.650	12.607	12.699	PV	573876	6917461	98.13%	6.474%
8	13.096	13.049	13.157	BB	520932	6307554	89.48%	5.904%
9	13.262	13.200	13.320	BB	580621	6830349	96.89%	6.393%
10	13.850	13.811	13.917	VB	563418	6936672	98.40%	6.492%
11	14.954	14.916	15.014	VB	580501	7049461	100.00%	6.598%
12	15.976	15.879	16.044	BB	509587	6945673	98.53%	6.501%
13	16.927	16.830	17.015	BB	507547	6753067	95.80%	6.321%
14	17.815	17.749	17.945	BB	460208	6625537	93.99%	6.201%
15	18.648	18.610	18.824	BB	431621	6268333	88.92%	5.867%
16	19.431	19.350	19.635	BB	367297	5827356	82.66%	5.454%
17	20.172	20.120	20.342	BB	316104	5068778	71.90%	4.744%
18	20.933	20.880	21.067	BB	243936	4508780	63.96%	4.220%
19	21.892	21.792	22.005	BB	165984	3920949	55.62%	3.670%

Sum of corrected areas: 106843004

Aliphatic EPH 092325.M Sat Sep 27 06:43:17 2025

5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100125AR\
 Data File : FD049786.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 16:25
 Operator : YP/AJ
 Sample : PB169823BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB169823BSD

Integration File: autoint1.e
 Quant Time: Oct 02 10:16:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 Qlast Update : Fri Sep 05 06:31:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.697	4417663	39.281 ug/ml
Spiked Amount 50.000		Recovery =	78.56%
6) S 2-Fluorobiphenyl (SURR)	8.561	3137864	39.091 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.18%
11) S ortho-Terphenyl (SURR)	11.610	6268340	44.305 ug/ml
Spiked Amount 50.000		Recovery =	88.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	3552861	32.972 ug/ml
2) T Naphthalene (C11.7)	6.031	4375844	35.187 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	4378394	33.594 ug/ml
5) T Acenaphthylene (C15.06)	8.365	5314035	38.330 ug/ml
7) T Acenaphthene (C15.5)	8.662	5388312	38.870 ug/ml
8) T Flouorene (C16.55)	9.444	5808457	41.874 ug/ml
9) T Phenanthrene (C19.36)	10.843	6194585	44.468 ug/ml
10) T Anthracene (C19.43)	10.918	5886698	44.582 ug/ml
12) T Fluoranthene (C21.85)	12.658	6385206	47.414 ug/ml
13) T Pyrene (C20.8)	12.957	6419059	48.255 ug/ml
14) T Benzo[a]anthracene (C...	14.830	5902706	49.360 ug/ml
15) T Chrysene (C27.41)	14.874	6453825	53.051 ug/ml
16) T benzo[b]fluoranthene ...	16.381	5692843	47.492 ug/ml
17) T Bnezo[k]fluoranthene ...	16.416	5615788	49.840 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.761	5478067	46.683 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.128	5659592	52.022 ug/ml
20) T Dibenz[a,h]anthracene...	18.167	5274778	46.291 ug/ml
21) T Benzo[g,h,i]perylene ...	18.384	5004608	43.011 ug/ml

(f)=RT Delta > 1/2 Window

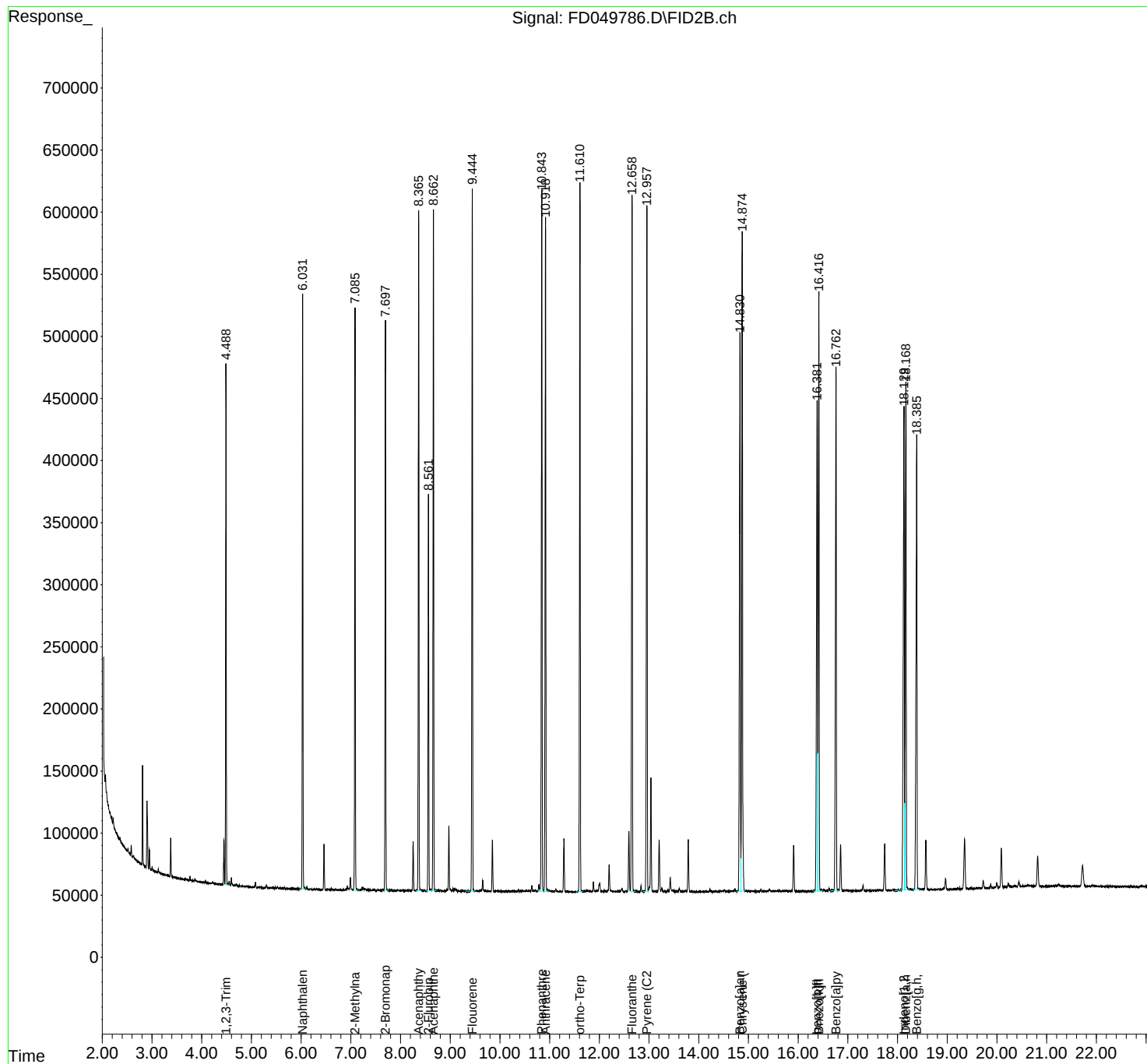
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100125AR\
Data File : FD049786.D
Signal(s) : FID2B.ch
Acq On : 01 Oct 2025 16:25
Operator : YP/AJ
Sample : PB169823BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB169823BSD

Integration File: autoint1.e
Quant Time: Oct 02 10:16:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
Quant Title : GC Extractables
QLast Update : Fri Sep 05 06:31:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100125AR\
 Data File : FD049786.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 16:25
 Sample : PB169823BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.488	4.466	4.535	VV	416351	3552861	55.05%	3.155%
2	6.031	5.971	6.101	BB	479474	4375844	67.80%	3.886%
3	7.086	7.048	7.158	VB	461328	4378394	67.84%	3.888%
4	7.697	7.665	7.755	VB	459887	4417663	68.45%	3.923%
5	8.365	8.315	8.423	BB	545931	5314035	82.34%	4.719%
6	8.561	8.511	8.628	BB	318802	3137864	48.62%	2.786%
7	8.662	8.628	8.725	BB	546829	5388312	83.49%	4.785%
8	9.444	9.315	9.508	BB	567482	5808457	90.00%	5.158%
9	10.843	10.798	10.885	VV	558293	6194585	95.98%	5.501%
10	10.918	10.885	10.981	VB	543236	5886698	91.21%	5.228%
11	11.610	11.535	11.665	BV	575229	6268340	97.13%	5.566%
12	12.658	12.621	12.725	VB	559040	6385206	98.94%	5.670%
13	12.957	12.878	12.985	BV	558776	6419059	99.46%	5.700%
14	14.830	14.761	14.849	BV	452437	5902706	91.46%	5.242%
15	14.874	14.849	14.928	VB	533907	6453825	100.00%	5.731%
16	16.381	16.298	16.396	BV	396030	5692843	88.21%	5.055%
17	16.416	16.396	16.495	VB	475353	5615788	87.01%	4.987%
18	16.761	16.655	16.808	BV	418539	5478067	84.88%	4.865%
19	18.128	17.951	18.144	BV	385261	5659592	87.69%	5.026%
20	18.167	18.144	18.238	VB	409477	5274778	81.73%	4.684%
21	18.384	18.305	18.448	BB	365528	5004608	77.54%	4.444%
Sum of corrected areas:						112609525		

Aromatic EPH 090425.M Thu Oct 02 10:24:15 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AL\
 Data File : FG016660.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2025 09:41
 Operator : YP\AJ
 Sample : Q3178-02MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/02/2025
 Supervised By :Sohil Jodhani 10/02/2025

Integration File: autoint1.e
 Quant Time: Sep 27 00:00:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:20:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.510	5184437	45.932 ug/ml
Spiked Amount 50.000		Recovery =	91.86%
Target Compounds			
1) T n-Nonane (C9)	3.386	4487621	39.545 ug/ml
2) T n-Decane (C10)	4.646	5021339	43.417 ug/ml
4) T n-Dodecane (C12)	6.827	5505955	46.908 ug/ml
6) T n-Tetradecane (C14)	8.668	5837908	49.760 ug/ml
7) T n-Hexadecane (C16)	10.287	6102971	49.256 ug/ml
8) T n-Octadecane (C18)	11.741	6146948	47.219 ug/ml
10) T n-Eicosane (C20)	13.061	6302917	48.756 ug/ml
11) T n-Heneicosane (C21)	13.678	6028503	46.946 ug/ml
13) T n-Docosane (C22)	14.268	5964879	46.259 ug/ml
14) T n-Tetracosane (C24)	15.380	5865234	44.971 ug/ml
15) T n-Hexacosane (C26)	16.408	5611916	43.474 ug/ml
16) T n-Octacosane (C28)	17.365	5374368	42.350 ug/ml
17) T n-Tricontane (C30)	18.259	5307473	41.480 ug/ml
18) T n-Dotriacontane (C32)	19.098	5196410	42.429 ug/ml
19) T n-Tetratriacontane (C34)	19.887	5070798	46.677 ug/mlm
20) T n-Hexatriacontane (C36)	20.632	4934214	54.299 ug/mlm
21) T n-Octatriacontane (C38)	21.414	4966054	60.977 ug/ml
22) T n-Tetracontane (C40)	22.409	4770153	61.838 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AL\
Data File : FG016660.D
Signal(s) : FID1A.ch
Acq On : 26 Sep 2025 09:41
Operator : YP\AJ
Sample : Q3178-02MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

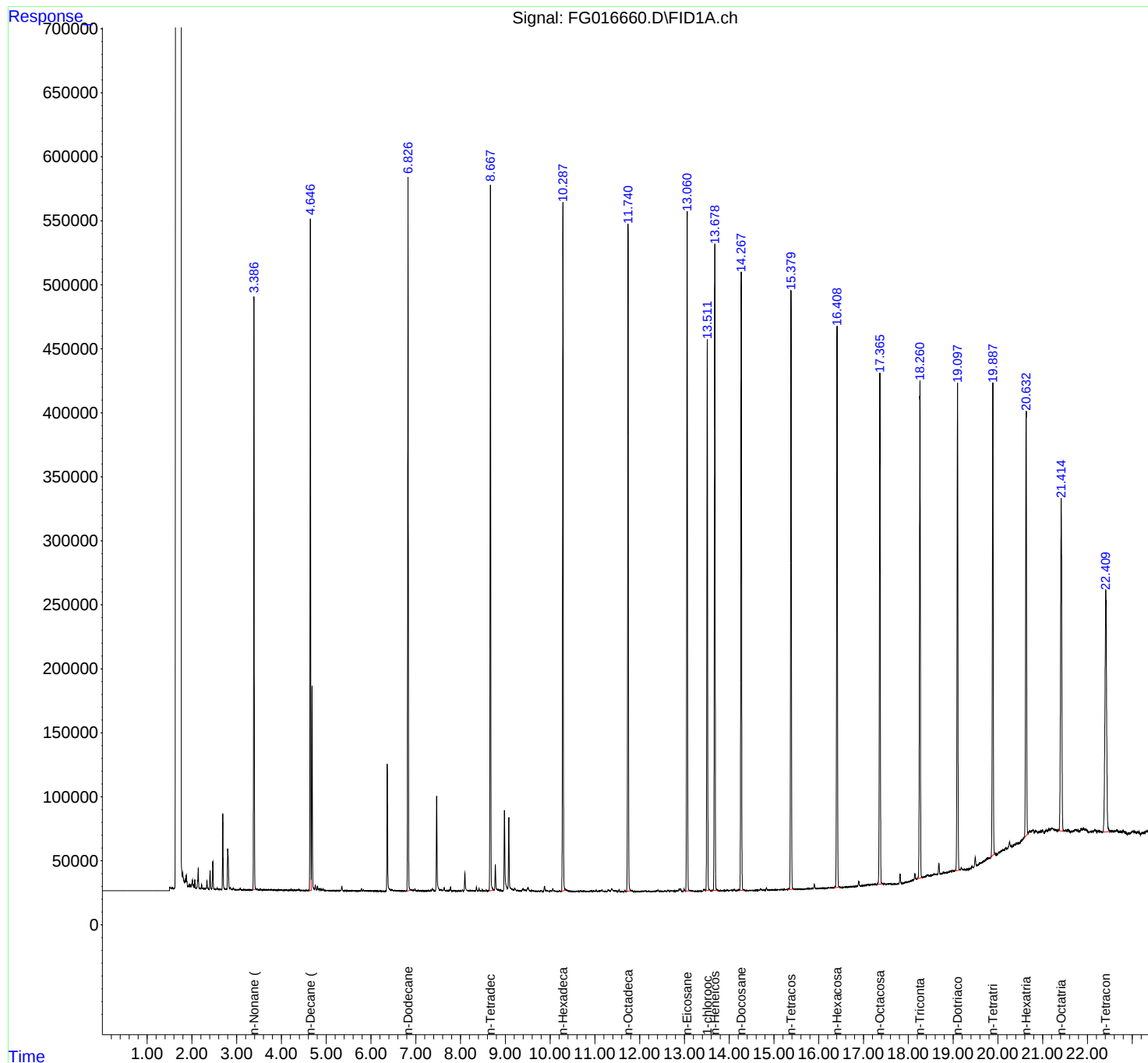
Instrument :
FID_G
ClientSampleId :

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2025
Supervised By :Sohil Jodhani 10/02/2025

Integration File: autoint1.e
Quant Time: Sep 27 00:00:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 16:20:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



Instrument :
FID_G
ClientSampleId :

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2025
Supervised By :Sohil Jodhani 10/02/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\F0
Data File : FG016660.D
Signal(s) : FID1A.ch
Acq On : 26 Sep 2025 09:41
Sample : Q3178-02MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.254	3.222	3.306	BV	245	4510	0.07%	0.003%
2	3.339	3.306	3.352	PV	123	1815	0.03%	0.001%
3	3.386	3.352	3.514	VV	460038	4529121	67.20%	3.476%
4	3.531	3.514	3.581	VV	506	13088	0.19%	0.010%
5	3.598	3.581	3.618	VV	376	6227	0.09%	0.005%
6	3.631	3.618	3.657	VV	380	6094	0.09%	0.005%
7	3.671	3.657	3.685	VV	280	3354	0.05%	0.003%
8	3.702	3.685	3.710	VV	419	4312	0.06%	0.003%
9	3.722	3.710	3.732	VV	465	5062	0.08%	0.004%
10	3.745	3.732	3.805	VV	491	15135	0.22%	0.012%
11	3.836	3.805	3.860	VV	243	5712	0.08%	0.004%
12	3.897	3.860	3.930	VV	242	5692	0.08%	0.004%
13	3.973	3.930	3.995	VV	236	5317	0.08%	0.004%
14	4.001	3.995	4.018	VV	189	1885	0.03%	0.001%
15	4.030	4.018	4.062	VV	157	2813	0.04%	0.002%
16	4.071	4.062	4.118	VV	178	3555	0.05%	0.003%
17	4.129	4.118	4.151	VV	98	1467	0.02%	0.001%
18	4.183	4.151	4.198	VV	491	6092	0.09%	0.005%
19	4.216	4.198	4.278	VV	876	13302	0.20%	0.010%
20	4.293	4.278	4.338	VV	271	4261	0.06%	0.003%
21	4.388	4.338	4.510	VV	674	16956	0.25%	0.013%
22	4.522	4.510	4.532	VV	93	767	0.01%	0.001%
23	4.541	4.532	4.585	VV	113	3549	0.05%	0.003%
24	4.593	4.585	4.612	VV	150	1627	0.02%	0.001%
25	4.646	4.612	4.666	VV	517929	5025136	74.56%	3.857%
26	4.684	4.666	4.737	VV	159172	1602025	23.77%	1.230%
27	4.756	4.737	4.785	VV	4477	56541	0.84%	0.043%
28	4.802	4.785	4.820	VV	3585	40123	0.60%	0.031%
29	4.833	4.820	4.849	VV	1286	15848	0.24%	0.012%
30	4.865	4.849	4.883	VV	1976	22670	0.34%	0.017%
31	4.896	4.883	4.912	VV	998	11616	0.17%	0.009%

Page 1

32	4.930	4.912	4.978	VV	1754	25349	0.38%	0.019%
33	5.010	4.978	5.042	VV	273	825		
34	5.060	5.042	5.121	VV	337	946		
35	5.159	5.121	5.195	VV	307	773		
36	5.210	5.195	5.217	VV	153	163		
37	5.262	5.217	5.292	VV	218	6506	0.10%	0.005%
38	5.349	5.292	5.382	VV	3523	48901	0.73%	0.038%
39	5.411	5.382	5.447	VV	751	11086	0.16%	0.009%
40	5.466	5.447	5.507	VV	181	4027	0.06%	0.003%
41	5.522	5.507	5.548	VV	130	2453	0.04%	0.002%
42	5.561	5.548	5.579	VV	236	2935	0.04%	0.002%
43	5.595	5.579	5.622	VV	167	2865	0.04%	0.002%
44	5.632	5.622	5.647	VV	132	1107	0.02%	0.001%
45	5.669	5.647	5.679	VV	121	1583	0.02%	0.001%
46	5.685	5.679	5.702	VV	110	840	0.01%	0.001%
47	5.726	5.702	5.736	PV	116	1492	0.02%	0.001%
48	5.750	5.736	5.763	VV	150	1775	0.03%	0.001%
49	5.787	5.763	5.815	VV	1861	22640	0.34%	0.017%
50	5.831	5.815	5.873	VV	1143	14054	0.21%	0.011%
51	5.892	5.873	5.928	VV	329	5433	0.08%	0.004%
52	5.975	5.928	6.025	VV	384	9205	0.14%	0.007%
53	6.036	6.025	6.075	VV	66	2230	0.03%	0.002%
54	6.099	6.075	6.127	VV	325	5356	0.08%	0.004%
55	6.137	6.127	6.145	VV	107	1145	0.02%	0.001%
56	6.156	6.145	6.192	VV	197	3444	0.05%	0.003%
57	6.197	6.192	6.247	VV	154	3208	0.05%	0.002%
58	6.272	6.247	6.297	PV	202	2993	0.04%	0.002%
59	6.322	6.297	6.335	VV	193	2447	0.04%	0.002%
60	6.363	6.335	6.452	VV	98608	1059905	15.73%	0.813%
61	6.468	6.452	6.499	VV	1508	25615	0.38%	0.020%
62	6.532	6.499	6.577	VV	880	25582	0.38%	0.020%
63	6.606	6.577	6.637	VV	565	16363	0.24%	0.013%
64	6.648	6.637	6.673	VV	425	7301	0.11%	0.006%
65	6.698	6.673	6.727	VV	375	9778	0.15%	0.008%
66	6.747	6.727	6.766	VV	348	6428	0.10%	0.005%
67	6.827	6.766	6.898	VV	555749	5547962	82.32%	4.258%
68	6.911	6.898	6.932	VV	1336	20294	0.30%	0.016%
69	6.948	6.932	6.960	VV	887	12703	0.19%	0.010%
70	6.979	6.960	7.002	VV	2096	29347	0.44%	0.023%
71	7.015	7.002	7.037	VV	772	12569	0.19%	0.010%
72	7.054	7.037	7.082	VV	899	13675	0.20%	0.010%
73	7.108	7.082	7.138	VV	387	10752	0.16%	0.008%
74	7.155	7.138	7.185	VV	507	9636	0.14%	0.007%
75	7.196	7.185	7.222	VV	316	6281	0.09%	0.005%
76	7.235	7.222	7.260	VV	287	5166	0.08%	0.004%
77	7.282	7.260	7.318	VV	811	12682	0.19%	0.010%
78	7.338	7.318	7.350	VV	1007	13057	0.19%	0.010%
79	7.370	7.350	7.430	VV	2125	46136	0.68%	0.035%

Page 2

Instrument :
FID_G
ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2025
Supervised By :Sohil Jodhani 10/02/2025

Instrument :
FID_G
ClientSampleId :

80	7.466	7.430	7.534	VV	74451	864992	12.83%	0.664%
81	7.549	7.534	7.591	VV	1571	3868		
82	7.605	7.591	7.614	VV	891	1069		
83	7.633	7.614	7.678	VV	3085	4775		
84	7.694	7.678	7.723	VV	683	1529		
85	7.741	7.723	7.754	VV	766	11642	0.17%	0.009%
86	7.777	7.754	7.803	VV	3706	45837	0.68%	0.035%
87	7.815	7.803	7.825	VV	464	4887	0.07%	0.004%
88	7.841	7.825	7.856	VV	677	9097	0.13%	0.007%
89	7.870	7.856	7.889	VV	801	10124	0.15%	0.008%
90	7.910	7.889	7.923	VV	347	5716	0.08%	0.004%
91	7.955	7.923	7.978	VV	758	14410	0.21%	0.011%
92	7.993	7.978	8.020	VV	431	7003	0.10%	0.005%
93	8.044	8.020	8.065	VV	1194	16314	0.24%	0.013%
94	8.096	8.065	8.193	VV	14429	208581	3.09%	0.160%
95	8.213	8.193	8.229	VV	798	14124	0.21%	0.011%
96	8.241	8.229	8.255	VV	724	9430	0.14%	0.007%
97	8.267	8.255	8.288	VV	641	9926	0.15%	0.008%
98	8.309	8.288	8.332	VV	712	12055	0.18%	0.009%
99	8.355	8.332	8.383	VV	3447	43395	0.64%	0.033%
100	8.413	8.383	8.461	VV	2098	39474	0.59%	0.030%
101	8.483	8.461	8.504	VV	1196	17124	0.25%	0.013%
102	8.523	8.504	8.552	VV	525	12519	0.19%	0.010%
103	8.571	8.552	8.597	VV	1061	16416	0.24%	0.013%
104	8.619	8.597	8.631	VV	528	8796	0.13%	0.007%
105	8.668	8.631	8.748	VV	554608	5891990	87.42%	4.522%
106	8.778	8.748	8.839	VV	20700	281651	4.18%	0.216%
107	8.856	8.839	8.881	VV	1340	27687	0.41%	0.021%
108	8.898	8.881	8.934	VV	1341	26736	0.40%	0.021%
109	8.981	8.934	9.055	VV	63219	876818	13.01%	0.673%
110	9.078	9.055	9.149	VV	57503	703375	10.44%	0.540%
111	9.159	9.149	9.187	VV	1712	32800	0.49%	0.025%
112	9.209	9.187	9.255	VV	2553	61044	0.91%	0.047%
113	9.271	9.255	9.305	VV	952	21130	0.31%	0.016%
114	9.327	9.305	9.346	VV	746	14396	0.21%	0.011%
115	9.395	9.346	9.415	VV	2403	49879	0.74%	0.038%
116	9.431	9.415	9.468	VV	1488	34649	0.51%	0.027%
117	9.512	9.468	9.567	VV	2784	86235	1.28%	0.066%
118	9.587	9.567	9.613	VV	1002	16805	0.25%	0.013%
119	9.634	9.613	9.668	VV	561	11165	0.17%	0.009%
120	9.686	9.668	9.700	VV	340	5009	0.07%	0.004%
121	9.719	9.700	9.732	VV	410	6411	0.10%	0.005%
122	9.739	9.732	9.767	VV	455	7304	0.11%	0.006%
123	9.800	9.767	9.844	VV	761	18028	0.27%	0.014%
124	9.876	9.844	9.908	VV	4090	65341	0.97%	0.050%
125	9.919	9.908	9.948	VV	954	15626	0.23%	0.012%
126	9.960	9.948	9.988	VV	500	8367	0.12%	0.006%

Instrument :
FID_G
ClientSampleId :

127	10.013	9.988	10.042	VV	871	16767	0.25%	0.013%
128	10.061	10.042	10.081	VV	2365	2867		
129	10.092	10.081	10.167	VV	680	1554		
130	10.180	10.167	10.184	VV	181	133		
131	10.205	10.184	10.246	VV	615	1309		
132	10.287	10.246	10.488	VV	544016	6189234	91.83%	4.750%
133	10.502	10.488	10.513	VV	188	2067	0.03%	0.002%
134	10.529	10.513	10.548	VV	153	2452	0.04%	0.002%
135	10.567	10.548	10.579	VV	317	4017	0.06%	0.003%
136	10.607	10.579	10.623	VV	414	7638	0.11%	0.006%
137	10.632	10.623	10.644	VV	278	3068	0.05%	0.002%
138	10.680	10.644	10.702	VV	730	14461	0.21%	0.011%
139	10.721	10.702	10.739	VV	539	9078	0.13%	0.007%
140	10.767	10.739	10.788	VV	413	9314	0.14%	0.007%
141	10.810	10.788	10.835	VV	394	6831	0.10%	0.005%
142	10.838	10.835	10.858	VV	215	1978	0.03%	0.002%
143	10.891	10.858	10.904	VV	457	7297	0.11%	0.006%
144	10.924	10.904	10.945	VV	479	8473	0.13%	0.007%
145	10.963	10.945	10.992	VV	627	13126	0.19%	0.010%
146	11.029	10.992	11.065	VV	1112	22640	0.34%	0.017%
147	11.115	11.065	11.131	VV	591	18427	0.27%	0.014%
148	11.158	11.131	11.210	VV	1325	27775	0.41%	0.021%
149	11.249	11.210	11.268	VV	340	9147	0.14%	0.007%
150	11.296	11.268	11.334	VV	1740	32374	0.48%	0.025%
151	11.374	11.334	11.438	VV	2443	69743	1.03%	0.054%
152	11.457	11.438	11.476	VV	845	14771	0.22%	0.011%
153	11.486	11.476	11.512	VV	461	6239	0.09%	0.005%
154	11.539	11.512	11.582	VV	1414	19151	0.28%	0.015%
155	11.599	11.582	11.615	VV	152	1704	0.03%	0.001%
156	11.668	11.615	11.699	PV	1185	17539	0.26%	0.013%
157	11.740	11.699	11.816	VV	521842	6176292	91.64%	4.740%
158	11.825	11.816	11.873	VV	708	15264	0.23%	0.012%
159	11.891	11.873	11.925	VV	224	4048	0.06%	0.003%
160	11.974	11.925	11.992	VV	183	4701	0.07%	0.004%
161	12.057	11.992	12.078	VV	366	10095	0.15%	0.008%
162	12.095	12.078	12.114	VV	391	6836	0.10%	0.005%
163	12.132	12.114	12.162	VV	573	10589	0.16%	0.008%
164	12.199	12.162	12.241	VV	514	14076	0.21%	0.011%
165	12.256	12.241	12.276	VV	134	1779	0.03%	0.001%
166	12.408	12.276	12.437	PV	1033	35625	0.53%	0.027%
167	12.460	12.437	12.485	VV	476	8827	0.13%	0.007%
168	12.512	12.485	12.532	VV	307	5660	0.08%	0.004%
169	12.552	12.532	12.598	VV	469	12514	0.19%	0.010%
170	12.632	12.598	12.668	VV	1053	23305	0.35%	0.018%
171	12.704	12.668	12.733	VV	648	16754	0.25%	0.013%
172	12.748	12.733	12.764	VV	493	6834	0.10%	0.005%
173	12.782	12.764	12.805	VV	609	10473	0.16%	0.008%
174	12.881	12.805	12.897	VV	2179	44586	0.66%	0.034%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2025
Supervised By :Sohil Jodhani 10/02/2025

Instrument :
FID_G
ClientSampleId :

175	12.913	12.897	12.943	VV	2272	33581	0.50%	0.026%
176	12.952	12.943	12.966	VV	205	263		
177	12.995	12.966	13.020	VV	1671	2456		
178	13.061	13.020	13.118	VV	532630	632195		
179	13.135	13.118	13.163	VV	671	1436		
180	13.172	13.163	13.222	VV	330	6977	0.10%	0.005%
181	13.253	13.222	13.288	VV	115	2469	0.04%	0.002%
182	13.326	13.288	13.368	PV	286	7119	0.11%	0.005%
183	13.376	13.368	13.404	VV	114	1547	0.02%	0.001%
184	13.433	13.404	13.475	PV	1366	32236	0.48%	0.025%
185	13.510	13.475	13.605	VV	431297	5230032	77.60%	4.014%
186	13.623	13.605	13.637	VV	539	8527	0.13%	0.007%
187	13.678	13.637	13.792	VV	507590	6067222	90.02%	4.657%
188	13.798	13.792	13.846	VV	238	4321	0.06%	0.003%
189	13.884	13.846	13.918	VV	292	7033	0.10%	0.005%
190	13.949	13.918	13.960	VV	415	7018	0.10%	0.005%
191	13.965	13.960	13.992	VBA	375	3630	0.05%	0.003%
192	14.023	13.992	14.037	BV	407	4513	0.07%	0.003%
193	14.056	14.037	14.082	VV	664	8285	0.12%	0.006%
194	14.107	14.082	14.149	VV	955	15861	0.24%	0.012%
195	14.212	14.149	14.230	VV	1202	18126	0.27%	0.014%
196	14.268	14.230	14.382	VV	485185	5979091	88.72%	4.589%
197	14.393	14.382	14.431	VV	197	2998	0.04%	0.002%
198	14.497	14.431	14.542	PV	188	6910	0.10%	0.005%
199	14.603	14.542	14.625	VV	135	3837	0.06%	0.003%
200	14.632	14.625	14.640	VV	99	500	0.01%	0.000%
201	14.656	14.640	14.664	VV	94	848	0.01%	0.001%
202	14.705	14.664	14.751	VV	1345	22083	0.33%	0.017%
203	14.790	14.751	14.807	VV	194	4425	0.07%	0.003%
204	14.831	14.807	14.874	VV	1887	24457	0.36%	0.019%
205	14.899	14.874	14.912	PV	151	1857	0.03%	0.001%
206	14.928	14.912	14.941	VV	191	2624	0.04%	0.002%
207	14.968	14.941	15.002	VV	224	5421	0.08%	0.004%
208	15.041	15.002	15.065	VV	150	2916	0.04%	0.002%
209	15.093	15.065	15.107	PV	223	3535	0.05%	0.003%
210	15.123	15.107	15.142	VV	271	4447	0.07%	0.003%
211	15.154	15.142	15.175	VV	296	4897	0.07%	0.004%
212	15.184	15.175	15.210	VV	287	4097	0.06%	0.003%
213	15.233	15.210	15.272	VV	320	4633	0.07%	0.004%
214	15.332	15.272	15.341	PV	1113	14140	0.21%	0.011%
215	15.380	15.341	15.495	VV	458467	5872216	87.13%	4.507%
216	15.512	15.495	15.521	VV	164	1823	0.03%	0.001%
217	15.542	15.521	15.575	VV	312	6590	0.10%	0.005%
218	15.585	15.575	15.607	VV	176	2261	0.03%	0.002%
219	15.626	15.607	15.669	VV	137	3477	0.05%	0.003%
220	15.715	15.669	15.732	PV	206	4421	0.07%	0.003%
221	15.818	15.732	15.832	VV	137	7641	0.11%	0.006%

Instrument :
FID_G
ClientSampleId :

222	15.900	15.832	15.938	VV	3368	51477	0.76%	0.040%
223	15.956	15.938	15.975	VV	185	275		
224	16.087	15.975	16.102	VV	129	733		
225	16.151	16.102	16.157	VV	93	276		
226	16.168	16.157	16.182	VV	108	117		
227	16.223	16.182	16.241	PV	314	5812	0.09%	0.004%
228	16.275	16.241	16.288	VV	197	4960	0.07%	0.004%
229	16.305	16.288	16.318	VV	146	2078	0.03%	0.002%
230	16.408	16.318	16.527	VV	438354	5629963	83.53%	4.321%
231	16.618	16.527	16.636	PV	182	4984	0.07%	0.004%
232	16.783	16.636	16.802	VV	309	15611	0.23%	0.012%
233	16.816	16.802	16.824	VV	180	2231	0.03%	0.002%
234	16.849	16.824	16.861	VV	414	6535	0.10%	0.005%
235	16.891	16.861	16.934	VV	4225	67342	1.00%	0.052%
236	16.969	16.934	16.995	VV	580	16200	0.24%	0.012%
237	17.093	16.995	17.129	VV	1106	55947	0.83%	0.043%
238	17.135	17.129	17.145	VV	719	6659	0.10%	0.005%
239	17.190	17.145	17.212	VV	934	33066	0.49%	0.025%
240	17.245	17.212	17.268	VV	1136	32400	0.48%	0.025%
241	17.365	17.268	17.452	VV	396083	5469726	81.16%	4.198%
242	17.457	17.452	17.491	VV	862	17680	0.26%	0.014%
243	17.510	17.491	17.532	VV	677	14873	0.22%	0.011%
244	17.558	17.532	17.587	VV	675	19187	0.28%	0.015%
245	17.619	17.587	17.641	VV	488	13387	0.20%	0.010%
246	17.656	17.641	17.672	VV	333	4224	0.06%	0.003%
247	17.689	17.672	17.727	VV	356	6781	0.10%	0.005%
248	17.816	17.727	17.865	PV	7671	106088	1.57%	0.081%
249	17.868	17.865	17.875	VV	137	483	0.01%	0.000%
250	17.898	17.875	17.908	PV	254	2972	0.04%	0.002%
251	17.947	17.908	17.960	VV	441	9229	0.14%	0.007%
252	18.146	17.960	18.188	VV	5301	147443	2.19%	0.113%
253	18.259	18.188	18.325	VV	383128	5415296	80.35%	4.156%
254	18.353	18.325	18.372	VV	1750	45179	0.67%	0.035%
255	18.416	18.372	18.425	VV	2330	59683	0.89%	0.046%
256	18.439	18.425	18.475	VV	2246	56002	0.83%	0.043%
257	18.571	18.475	18.595	VV	2168	112450	1.67%	0.086%
258	18.615	18.595	18.631	VV	1677	34147	0.51%	0.026%
259	18.682	18.631	18.715	VV	9681	179094	2.66%	0.137%
260	18.784	18.715	18.802	VV	1739	71012	1.05%	0.055%
261	18.859	18.802	18.875	VV	1243	53594	0.80%	0.041%
262	18.949	18.875	18.968	VV	1647	72425	1.07%	0.056%
263	18.988	18.968	19.019	VV	1715	43684	0.65%	0.034%
264	19.098	19.019	19.157	VV	380103	5284971	78.42%	4.056%
265	19.184	19.157	19.232	VV	2518	62650	0.93%	0.048%
266	19.256	19.232	19.278	VV	935	18683	0.28%	0.014%
267	19.295	19.278	19.314	VV	275	4157	0.06%	0.003%
268	19.361	19.314	19.372	PV	274	4352	0.06%	0.003%
269	19.425	19.372	19.446	VV	1413	29634	0.44%	0.023%

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A
B
C
D
E
F
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J

Instrument :
FID_G
ClientSampleId :

270	19.494	19.446	19.522	VV	8174	144269	2.14%	0.111%
271	19.608	19.522	19.628	VV	2651	12319		
272	19.802	19.628	19.817	VV	4692	42246		
273	19.887	19.817	19.978	VV	374956	564121		
274	20.119	19.978	20.132	VV	8040	66392		
275	20.178	20.132	20.202	VV	9171	355880	5.28%	0.273%
276	20.260	20.202	20.298	VV	13064	586084	8.70%	0.450%
277	20.422	20.298	20.441	VV	10564	842772	12.50%	0.647%
278	20.631	20.441	20.677	VV	345615	6739659	100.00%	5.173%
279	20.703	20.677	20.735	VV	17534	598870	8.89%	0.460%
280	20.783	20.735	20.815	VV	17710	814068	12.08%	0.625%
281	20.842	20.815	20.891	VV	16450	721491	10.71%	0.554%
282	20.951	20.891	20.968	VV	15061	689596	10.23%	0.529%
283	20.998	20.968	21.032	VV	15995	564241	8.37%	0.433%
284	21.085	21.032	21.107	VV	14614	640411	9.50%	0.492%
285	21.139	21.107	21.164	VV	15145	494854	7.34%	0.380%
286	21.220	21.164	21.292	VV	15121	1093809	16.23%	0.840%
287	21.300	21.292	21.331	VV	12948	301990	4.48%	0.232%
288	21.415	21.331	21.485	VV	270834	6009751	89.17%	4.613%
289	21.509	21.485	21.538	VV	10938	341330	5.06%	0.262%
290	21.564	21.538	21.618	VV	10434	470803	6.99%	0.361%
291	21.654	21.618	21.665	VV	8754	242181	3.59%	0.186%
292	21.729	21.665	21.825	VV	9349	810080	12.02%	0.622%
293	21.860	21.825	21.877	VV	8530	251600	3.73%	0.193%
294	21.907	21.877	21.954	VV	8363	365259	5.42%	0.280%
295	21.974	21.954	22.035	VV	7271	288816	4.29%	0.222%
296	22.074	22.035	22.091	VV	4855	157293	2.33%	0.121%
297	22.166	22.091	22.218	VV	5088	343138	5.09%	0.263%
298	22.242	22.218	22.271	VV	3574	107924	1.60%	0.083%
299	22.281	22.271	22.328	VV	2952	89100	1.32%	0.068%
300	22.410	22.328	22.508	VV	188308	4927157	73.11%	3.782%
301	22.527	22.508	22.585	VV	1111	28829	0.43%	0.022%
Sum of corrected areas:						130290507		

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2025
Supervised By :Sohil Jodhani 10/02/2025

Aliphatic EPH 092425.M Sat Sep 27 00:30:56 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092625AR\
 Data File : FD049768.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2025 11:22
 Operator : YP/AJ
 Sample : Q3178-02MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 EME-TS14-01MS

Integration File: autoint1.e
 Quant Time: Sep 29 00:21:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

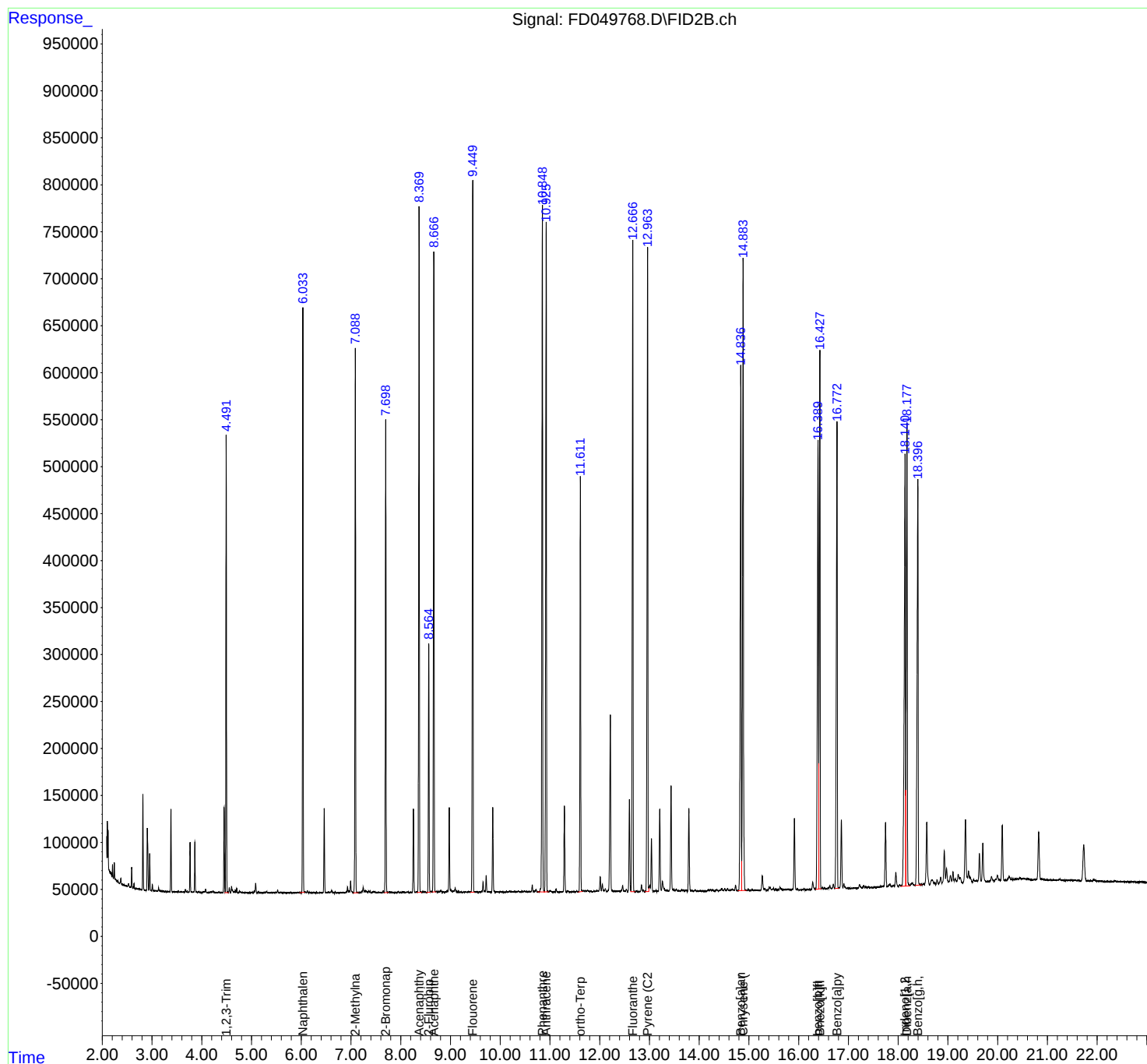
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.699	4703481	41.822 ug/ml
Spiked Amount 50.000		Recovery =	83.64%
6) S 2-Fluorobiphenyl (SURR)	8.564	2653811	33.061 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.12%
11) S ortho-Terphenyl (SURR)	11.612	4723031	33.383 ug/ml
Spiked Amount 50.000		Recovery =	66.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.491	4146400	38.481 ug/ml
2) T Naphthalene (C11.7)	6.033	5486104	44.115 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	5521013	42.361 ug/ml
5) T Acenaphthylene (C15.06)	8.369	7244944	52.257 ug/ml
7) T Acenaphthene (C15.5)	8.666	6849209	49.409 ug/ml
8) T Flouorene (C16.55)	9.448	7823785	56.402 ug/ml
9) T Phenanthrene (C19.36)	10.848	8126128	58.334 ug/ml
10) T Anthracene (C19.43)	10.924	7876603	59.653 ug/ml
12) T Fluoranthene (C21.85)	12.665	8157150	60.571 ug/ml
13) T Pyrene (C20.8)	12.963	8137430	61.173 ug/ml
14) T Benzo[a]anthracene (C...	14.836	7515317	62.845 ug/ml
15) T Chrysene (C27.41)	14.883	8567196	70.423 ug/ml
16) T benzo[b]fluoranthene ...	16.390	7167801	59.797 ug/ml
17) T Bnezo[k]fluoranthene ...	16.426	6939555	61.589 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.771	6852663	58.397 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.138	7599233	69.852 ug/ml
20) T Dibenz[a,h]anthracene...	18.177	6630988	58.192 ug/ml
21) T Benzo[g,h,i]perylene ...	18.395	6408733	55.078 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_D
ClientSampleId :
EME-TS14-01MS

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092625AR\
 Data File : FD049768.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2025 11:22
 Sample : Q3178-02MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH
 090425.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.269	4.252	4.284	BV	199	1186	0.01%	0.001%
2	4.293	4.284	4.303	PV	237	1798	0.02%	0.001%
3	4.309	4.303	4.320	VV	257	1708	0.02%	0.001%
4	4.342	4.320	4.372	VV	1116	12290	0.14%	0.008%
5	4.379	4.372	4.385	PV	253	1145	0.01%	0.001%
6	4.402	4.385	4.418	VV	481	5354	0.06%	0.003%
7	4.450	4.426	4.469	VV	90544	781522	9.11%	0.479%
8	4.491	4.469	4.539	VV	486410	4154408	48.40%	2.549%
9	4.554	4.539	4.580	VV	5289	53735	0.63%	0.033%
10	4.599	4.580	4.611	VV	7028	65924	0.77%	0.040%
11	4.618	4.611	4.640	VV	3472	34418	0.40%	0.021%
12	4.652	4.640	4.661	VV	1285	12125	0.14%	0.007%
13	4.674	4.661	4.687	VV	3173	28436	0.33%	0.017%
14	4.703	4.687	4.727	VV	4932	45749	0.53%	0.028%
15	4.758	4.739	4.772	VV	2537	22215	0.26%	0.014%
16	4.781	4.772	4.797	VV	1111	10814	0.13%	0.007%
17	4.802	4.797	4.806	VV	440	1888	0.02%	0.001%
18	4.819	4.806	4.834	VV	564	6779	0.08%	0.004%
19	4.839	4.834	4.852	VV	139	1180	0.01%	0.001%
20	4.862	4.852	4.870	VV	277	1957	0.02%	0.001%
21	4.874	4.870	4.882	VV	396	2069	0.02%	0.001%
22	4.888	4.882	4.922	VV	416	5099	0.06%	0.003%
23	4.946	4.932	4.952	PV	267	2040	0.02%	0.001%
24	4.984	4.952	4.994	VV	704	9170	0.11%	0.006%
25	5.007	4.994	5.026	VV	678	8137	0.09%	0.005%

rteres								
26	5.031	5.026	5.036	VV	272	1331	0.02%	0.001%
27	5.057	5.036	5.066	VV	1907	18053	0.21%	0.011%
28	5.083	5.066	5.118	VV	10281	109472	1.28%	0.067%
29	5.141	5.118	5.164	VV	1918	18872	0.22%	0.012%
30	5.187	5.173	5.207	PV	416	4186	0.05%	0.003%
31	5.214	5.207	5.227	VV	269	1652	0.02%	0.001%
32	5.249	5.227	5.253	VV	268	2371	0.03%	0.001%
33	5.276	5.253	5.284	VV	588	7133	0.08%	0.004%
34	5.304	5.284	5.339	VV	1742	23997	0.28%	0.015%
35	5.348	5.339	5.385	VV	245	4970	0.06%	0.003%
36	5.388	5.385	5.425	VV	230	4361	0.05%	0.003%
37	5.450	5.425	5.470	VV	511	8724	0.10%	0.005%
38	5.484	5.470	5.499	VV	1324	13235	0.15%	0.008%
39	5.527	5.499	5.552	VV	3322	39760	0.46%	0.024%
40	5.560	5.552	5.566	VV	405	3001	0.03%	0.002%
41	5.582	5.566	5.638	VV	1100	16458	0.19%	0.010%
42	5.652	5.638	5.658	VV	486	4436	0.05%	0.003%
43	5.664	5.658	5.667	VV	522	2197	0.03%	0.001%
44	5.671	5.667	5.695	VV	609	5127	0.06%	0.003%
45	5.725	5.695	5.752	VV	529	10246	0.12%	0.006%
46	5.777	5.752	5.808	VV	671	11759	0.14%	0.007%
47	5.812	5.808	5.818	VV	279	1418	0.02%	0.001%
48	5.843	5.818	5.865	VV	486	8476	0.10%	0.005%
49	5.910	5.865	5.917	VV	384	8097	0.09%	0.005%
50	5.932	5.917	5.962	VV	471	10009	0.12%	0.006%
51	5.971	5.962	6.001	VV	637	11187	0.13%	0.007%
52	6.033	6.001	6.069	VV	622831	5518204	64.29%	3.385%
53	6.079	6.069	6.107	VV	1596	21697	0.25%	0.013%
54	6.123	6.107	6.159	VV	2258	32091	0.37%	0.020%
55	6.164	6.159	6.174	VV	604	4398	0.05%	0.003%
56	6.182	6.174	6.211	VV	751	10875	0.13%	0.007%
57	6.226	6.211	6.231	VV	468	4579	0.05%	0.003%
58	6.257	6.231	6.291	VV	956	20281	0.24%	0.012%
59	6.309	6.291	6.334	VV	948	11123	0.13%	0.007%
60	6.371	6.342	6.389	VV	560	9036	0.11%	0.006%
61	6.402	6.389	6.411	VV	458	5340	0.06%	0.003%
62	6.420	6.411	6.435	VV	457	6034	0.07%	0.004%
63	6.463	6.435	6.492	VV	90118	853261	9.94%	0.523%
64	6.498	6.492	6.508	VV	668	4893	0.06%	0.003%
65	6.521	6.508	6.527	VV	570	5858	0.07%	0.004%
66	6.548	6.527	6.568	VV	1611	22282	0.26%	0.014%
67	6.583	6.568	6.595	VV	1395	14025	0.16%	0.009%
68	6.613	6.595	6.633	VV	3027	34145	0.40%	0.021%
69	6.646	6.633	6.665	VV	929	11021	0.13%	0.007%

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70	6.685	6.665	6.720	VV	1614	19060	0.22%	0.012%
71	6.750	6.720	6.766	VV	429	6935	0.08%	0.004%
72	6.789	6.766	6.805	VV	672	9813	0.11%	0.006%
73	6.838	6.805	6.870	VV	871	17520	0.20%	0.011%
74	6.907	6.877	6.916	VV	1796	18514	0.22%	0.011%
75	6.931	6.916	6.947	VV	6719	66340	0.77%	0.041%
76	6.958	6.947	6.972	VV	2200	24831	0.29%	0.015%
77	6.993	6.972	7.049	VV	12812	157563	1.84%	0.097%
78	7.088	7.049	7.152	VV	580131	5532742	64.46%	3.394%
79	7.162	7.152	7.182	VV	570	8410	0.10%	0.005%
80	7.192	7.182	7.205	VV	745	7404	0.09%	0.005%
81	7.223	7.205	7.230	VV	2270	22016	0.26%	0.014%
82	7.246	7.230	7.265	VV	6166	72525	0.85%	0.044%
83	7.279	7.265	7.292	VV	2704	31684	0.37%	0.019%
84	7.304	7.292	7.339	VV	2266	35846	0.42%	0.022%
85	7.354	7.339	7.368	VV	2249	24542	0.29%	0.015%
86	7.383	7.368	7.405	VV	2204	24850	0.29%	0.015%
87	7.450	7.405	7.464	PV	1345	25756	0.30%	0.016%
88	7.477	7.464	7.504	VV	1504	18098	0.21%	0.011%
89	7.560	7.504	7.578	VV	848	18590	0.22%	0.011%
90	7.588	7.578	7.591	VV	453	2729	0.03%	0.002%
91	7.602	7.591	7.629	VV	625	11018	0.13%	0.007%
92	7.648	7.629	7.668	VV	2088	26338	0.31%	0.016%
93	7.699	7.668	7.755	VV	503689	4722221	55.02%	2.897%
94	7.765	7.755	7.782	VV	1147	11336	0.13%	0.007%
95	7.793	7.782	7.829	VV	780	17976	0.21%	0.011%
96	7.835	7.829	7.863	VV	638	8017	0.09%	0.005%
97	7.874	7.863	7.896	VV	512	7700	0.09%	0.005%
98	7.907	7.896	7.934	VV	436	6721	0.08%	0.004%
99	7.952	7.934	7.977	VV	1807	22351	0.26%	0.014%
100	7.983	7.977	7.989	VV	391	2692	0.03%	0.002%
101	8.007	7.989	8.022	VV	619	9615	0.11%	0.006%
102	8.045	8.022	8.068	VV	819	15865	0.18%	0.010%
103	8.076	8.068	8.097	VV	683	9473	0.11%	0.006%
104	8.134	8.097	8.141	VV	784	16225	0.19%	0.010%
105	8.155	8.141	8.180	VV	784	13337	0.16%	0.008%
106	8.188	8.180	8.193	VV	436	3232	0.04%	0.002%
107	8.205	8.193	8.225	VV	573	8192	0.10%	0.005%
108	8.256	8.225	8.284	VV	89437	909967	10.60%	0.558%
109	8.287	8.284	8.297	VV	687	4723	0.06%	0.003%
110	8.316	8.297	8.331	VV	1436	17914	0.21%	0.011%
111	8.369	8.331	8.427	VV	729226	7264214	84.64%	4.456%
112	8.448	8.427	8.471	VV	1159	19726	0.23%	0.012%

rteres								
113	8.489	8.471	8.515	VV	1439	20508	0.24%	0.013%
114	8.522	8.515	8.527	VV	304	1936	0.02%	0.001%
115	8.564	8.527	8.593	VV	265627	2670217	31.11%	1.638%
116	8.615	8.593	8.633	VV	1512	28323	0.33%	0.017%
117	8.666	8.633	8.704	VV	680414	6887150	80.24%	4.225%
118	8.718	8.704	8.730	VV	1457	20059	0.23%	0.012%
119	8.745	8.730	8.755	VV	1240	15460	0.18%	0.009%
120	8.765	8.755	8.777	VV	1226	12696	0.15%	0.008%
121	8.794	8.777	8.803	VV	1743	22335	0.26%	0.014%
122	8.811	8.803	8.838	VV	1929	23353	0.27%	0.014%
123	8.858	8.838	8.887	VV	986	18101	0.21%	0.011%
124	8.907	8.887	8.916	VV	1077	12777	0.15%	0.008%
125	8.933	8.916	8.950	VV	1932	29897	0.35%	0.018%
126	8.976	8.950	8.999	VV	90772	901345	10.50%	0.553%
127	9.010	8.999	9.027	VV	2443	35761	0.42%	0.022%
128	9.034	9.027	9.045	VV	1471	14014	0.16%	0.009%
129	9.059	9.045	9.066	VV	1625	18808	0.22%	0.012%
130	9.094	9.066	9.119	VV	4610	76757	0.89%	0.047%
131	9.127	9.119	9.152	VV	1174	15214	0.18%	0.009%
132	9.165	9.152	9.195	VV	1304	19560	0.23%	0.012%
133	9.213	9.195	9.245	VV	915	14085	0.16%	0.009%
134	9.268	9.245	9.275	VV	620	7225	0.08%	0.004%
135	9.296	9.275	9.329	VV	923	18267	0.21%	0.011%
136	9.357	9.329	9.374	VV	914	15804	0.18%	0.010%
137	9.377	9.374	9.395	VV	987	8995	0.10%	0.006%
138	9.401	9.395	9.414	VV	608	5652	0.07%	0.003%
139	9.449	9.414	9.484	VV	758857	7840430	91.35%	4.810%
140	9.498	9.484	9.507	VV	534	6810	0.08%	0.004%
141	9.514	9.507	9.525	VV	617	5949	0.07%	0.004%
142	9.539	9.525	9.561	VV	686	9679	0.11%	0.006%
143	9.582	9.561	9.605	VV	1219	18059	0.21%	0.011%
144	9.623	9.605	9.636	VV	1577	20105	0.23%	0.012%
145	9.656	9.636	9.677	VV	11603	124105	1.45%	0.076%
146	9.690	9.677	9.700	VV	1552	16589	0.19%	0.010%
147	9.719	9.700	9.742	VV	18262	184984	2.16%	0.113%
148	9.761	9.742	9.772	VV	690	9479	0.11%	0.006%
149	9.777	9.772	9.782	VV	541	2655	0.03%	0.002%
150	9.787	9.782	9.820	VV	542	6649	0.08%	0.004%
151	9.851	9.820	9.900	VV	90909	993139	11.57%	0.609%
152	9.905	9.900	9.912	VV	457	2409	0.03%	0.001%
153	9.928	9.912	9.936	VV	791	9475	0.11%	0.006%
154	9.939	9.936	9.978	VV	680	12278	0.14%	0.008%
155	10.003	9.978	10.036	VV	470	14007	0.16%	0.009%

rteres									
156	10.048	10.036	10.064	VV	725	7890	0.09%	0.005%	
157	10.085	10.064	10.104	VV	316	4895	0.06%	0.003%	
158	10.128	10.104	10.145	VV	950	13187	0.15%	0.008%	
159	10.189	10.145	10.210	VV	1729	33752	0.39%	0.021%	
160	10.247	10.210	10.261	VV	975	22794	0.27%	0.014%	
161	10.285	10.261	10.300	VV	1077	18955	0.22%	0.012%	
162	10.317	10.300	10.342	VV	856	17798	0.21%	0.011%	
163	10.371	10.342	10.400	VV	1431	29353	0.34%	0.018%	
164	10.407	10.400	10.416	VV	400	3752	0.04%	0.002%	
165	10.436	10.416	10.450	VV	1257	17400	0.20%	0.011%	
166	10.456	10.450	10.469	VV	1001	10171	0.12%	0.006%	
167	10.489	10.469	10.507	VV	1462	23589	0.27%	0.014%	
168	10.538	10.507	10.556	VV	1046	22132	0.26%	0.014%	
169	10.587	10.556	10.598	VV	1096	21212	0.25%	0.013%	
170	10.608	10.598	10.623	VV	988	13253	0.15%	0.008%	
171	10.645	10.623	10.667	VV	7877	91952	1.07%	0.056%	
172	10.682	10.667	10.697	VV	1311	19401	0.23%	0.012%	
173	10.721	10.697	10.765	VV	2935	52270	0.61%	0.032%	
174	10.809	10.765	10.814	VV	3773	44000	0.51%	0.027%	
175	10.848	10.814	10.887	VV	732262	8120008	94.61%	4.981%	
176	10.925	10.887	10.974	VV	715554	7905254	92.11%	4.849%	
177	10.994	10.974	11.009	VV	1420	22125	0.26%	0.014%	
178	11.016	11.009	11.035	VV	1448	15872	0.18%	0.010%	
179	11.040	11.035	11.067	VV	571	6173	0.07%	0.004%	
180	11.091	11.067	11.104	VV	449	5683	0.07%	0.003%	
181	11.126	11.104	11.170	VV	3730	41817	0.49%	0.026%	
182	11.179	11.170	11.196	VV	159	1450	0.02%	0.001%	
183	11.223	11.196	11.244	PV	471	7212	0.08%	0.004%	
184	11.291	11.244	11.340	VV	92004	1050483	12.24%	0.644%	
185	11.362	11.340	11.424	VV	1528	30233	0.35%	0.019%	
186	11.449	11.424	11.467	VV	668	7576	0.09%	0.005%	
187	11.483	11.467	11.504	VV	768	8167	0.10%	0.005%	
188	11.542	11.504	11.571	PV	1125	21541	0.25%	0.013%	
189	11.612	11.571	11.637	VV	442095	4730720	55.12%	2.902%	
190	11.643	11.637	11.659	VV	1919	19707	0.23%	0.012%	
191	11.675	11.659	11.692	VV	1804	26775	0.31%	0.016%	
192	11.708	11.692	11.725	VV	1827	25792	0.30%	0.016%	
193	11.757	11.725	11.802	VV	2116	57710	0.67%	0.035%	
194	11.818	11.802	11.856	VV	1247	22198	0.26%	0.014%	
195	11.860	11.856	11.864	VV	255	1149	0.01%	0.001%	
196	11.883	11.864	11.902	VV	1510	19868	0.23%	0.012%	
197	11.927	11.902	11.931	VV	932	12693	0.15%	0.008%	
198	11.955	11.931	11.974	VV	1433	28905	0.34%	0.018%	
199	12.011	11.974	12.031	VV	16257	217169	2.53%	0.133%	

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200	12.053	12.031	12.095	VV	8338	138031	1.61%	0.085%
201	12.113	12.095	12.150	VV	3781	59681	0.70%	0.037%
202	12.214	12.150	12.310	VV	188523	2505571	29.19%	1.537%
203	12.318	12.310	12.323	VV	753	5430	0.06%	0.003%
204	12.335	12.323	12.354	VV	767	11868	0.14%	0.007%
205	12.366	12.354	12.382	VV	835	12740	0.15%	0.008%
206	12.388	12.382	12.404	VV	940	9326	0.11%	0.006%
207	12.461	12.404	12.482	VV	6759	112295	1.31%	0.069%
208	12.489	12.482	12.512	VV	1068	14637	0.17%	0.009%
209	12.536	12.512	12.560	VV	2796	40882	0.48%	0.025%
210	12.598	12.560	12.625	VV	98593	1140641	13.29%	0.700%
211	12.665	12.625	12.717	VV	692696	8166685	95.15%	5.010%
212	12.743	12.717	12.752	VV	492	7522	0.09%	0.005%
213	12.758	12.752	12.781	VV	388	3467	0.04%	0.002%
214	12.795	12.781	12.802	VV	278	1949	0.02%	0.001%
215	12.841	12.802	12.864	PV	7210	91581	1.07%	0.056%
216	12.876	12.864	12.908	VV	1494	21638	0.25%	0.013%
217	12.964	12.908	12.986	VV	686082	8137635	94.81%	4.992%
218	13.007	12.986	13.019	VV	7043	104495	1.22%	0.064%
219	13.041	13.019	13.072	VV	56614	661557	7.71%	0.406%
220	13.084	13.072	13.094	VV	639	6583	0.08%	0.004%
221	13.097	13.094	13.101	VV	574	2021	0.02%	0.001%
222	13.104	13.101	13.110	VV	507	2454	0.03%	0.002%
223	13.130	13.110	13.151	VV	801	14756	0.17%	0.009%
224	13.160	13.151	13.175	VV	557	5215	0.06%	0.003%
225	13.208	13.175	13.239	VV	88012	1077307	12.55%	0.661%
226	13.263	13.239	13.322	VV	10870	223800	2.61%	0.137%
227	13.325	13.322	13.364	VV	1482	27385	0.32%	0.017%
228	13.372	13.364	13.387	VV	824	9384	0.11%	0.006%
229	13.436	13.387	13.522	VV	112913	1424927	16.60%	0.874%
230	13.542	13.522	13.572	VV	2600	45738	0.53%	0.028%
231	13.606	13.572	13.627	VV	839	21964	0.26%	0.013%
232	13.648	13.627	13.673	VV	1952	36383	0.42%	0.022%
233	13.686	13.673	13.704	VV	1150	17139	0.20%	0.011%
234	13.708	13.704	13.713	VV	643	3308	0.04%	0.002%
235	13.734	13.713	13.764	VV	1404	25511	0.30%	0.016%
236	13.794	13.764	13.839	VV	88333	1062907	12.38%	0.652%
237	13.853	13.839	13.893	VV	1011	15802	0.18%	0.010%
238	13.915	13.893	13.948	VV	1650	25371	0.30%	0.016%
239	13.960	13.948	13.984	VV	547	7311	0.09%	0.004%
240	14.010	13.984	14.015	VV	546	7658	0.09%	0.005%
241	14.036	14.015	14.062	VV	581	11048	0.13%	0.007%
242	14.078	14.062	14.106	VV	232	3514	0.04%	0.002%

				rteres				
243	14.133	14.106	14.148	PV	315	4519	0.05%	0.003%
244	14.182	14.148	14.204	VV	1720	27553	0.32%	0.017%
245	14.228	14.204	14.249	VV	1853	31539	0.37%	0.019%
246	14.270	14.249	14.306	VV	1738	31296	0.36%	0.019%
247	14.310	14.306	14.332	VV	455	5228	0.06%	0.003%
248	14.351	14.332	14.380	VV	1877	27523	0.32%	0.017%
249	14.450	14.380	14.492	VV	2321	65878	0.77%	0.040%
250	14.514	14.492	14.539	VV	2638	40211	0.47%	0.025%
251	14.543	14.539	14.546	VV	601	2238	0.03%	0.001%
252	14.573	14.546	14.601	VV	2794	46166	0.54%	0.028%
253	14.612	14.601	14.625	VV	751	8938	0.10%	0.005%
254	14.664	14.625	14.688	VV	1673	40604	0.47%	0.025%
255	14.698	14.688	14.710	VV	909	11770	0.14%	0.007%
256	14.732	14.710	14.763	VV	6155	80210	0.93%	0.049%
257	14.768	14.763	14.784	VV	274	2042	0.02%	0.001%
258	14.837	14.784	14.855	VV	558689	7515083	87.56%	4.610%
259	14.883	14.855	14.927	VV	673851	8582767	100.00%	5.265%
260	14.934	14.927	14.970	VV	899	13998	0.16%	0.009%
261	14.989	14.970	15.009	VV	1954	23881	0.28%	0.015%
262	15.016	15.009	15.021	VV	268	1909	0.02%	0.001%
263	15.027	15.021	15.045	VV	313	2790	0.03%	0.002%
264	15.068	15.045	15.100	VV	1231	19461	0.23%	0.012%
265	15.124	15.100	15.149	VV	763	12079	0.14%	0.007%
266	15.167	15.149	15.180	VV	589	6835	0.08%	0.004%
267	15.184	15.180	15.197	VV	277	1731	0.02%	0.001%
268	15.270	15.209	15.305	VV	15669	253839	2.96%	0.156%
269	15.322	15.305	15.347	VV	2133	32422	0.38%	0.020%
270	15.375	15.347	15.380	VV	545	8361	0.10%	0.005%
271	15.410	15.380	15.422	VV	3254	49191	0.57%	0.030%
272	15.426	15.422	15.451	VV	2922	33295	0.39%	0.020%
273	15.495	15.451	15.516	VV	2394	47069	0.55%	0.029%
274	15.534	15.516	15.565	VV	1073	20739	0.24%	0.013%
275	15.582	15.565	15.594	VV	694	10066	0.12%	0.006%
276	15.625	15.594	15.647	VV	3041	50534	0.59%	0.031%
277	15.653	15.647	15.700	VV	1240	25870	0.30%	0.016%
278	15.735	15.700	15.753	VV	1070	22296	0.26%	0.014%
279	15.781	15.753	15.814	VV	1104	28715	0.33%	0.018%
280	15.818	15.814	15.835	VV	721	5868	0.07%	0.004%
281	15.850	15.835	15.855	VV	559	5066	0.06%	0.003%
282	15.874	15.855	15.883	VV	868	10916	0.13%	0.007%
283	15.915	15.883	15.953	VV	76587	995152	11.59%	0.610%
284	15.973	15.953	16.010	VV	1126	21303	0.25%	0.013%
285	16.028	16.010	16.040	VV	262	2837	0.03%	0.002%

rteres									
286	16.111	16.040	16.141	PV	1270	26135	0.30%	0.016%	
287	16.166	16.141	16.172	VV	353	3758	0.04%	0.002%	
288	16.184	16.172	16.189	VV	200	1715	0.02%	0.001%	
289	16.196	16.189	16.207	VV	302	2255	0.03%	0.001%	
290	16.213	16.207	16.219	VV	326	1744	0.02%	0.001%	
291	16.251	16.219	16.255	VV	321	3984	0.05%	0.002%	
292	16.283	16.255	16.338	VV	8028	135605	1.58%	0.083%	
293	16.390	16.338	16.405	VV	477309	7144569	83.24%	4.383%	
294	16.427	16.405	16.455	VV	574580	7000173	81.56%	4.294%	
295	16.474	16.455	16.494	VV	1904	29267	0.34%	0.018%	
296	16.514	16.494	16.547	VV	1368	27065	0.32%	0.017%	
297	16.600	16.547	16.610	VV	1656	33295	0.39%	0.020%	
298	16.628	16.610	16.657	VV	4166	58284	0.68%	0.036%	
299	16.698	16.657	16.723	VV	5340	88990	1.04%	0.055%	
300	16.772	16.723	16.810	VV	497866	6887929	80.25%	4.225%	
301	16.860	16.810	16.890	VV	73282	1008299	11.75%	0.619%	
302	16.910	16.890	16.957	VV	5175	93914	1.09%	0.058%	
303	16.969	16.957	16.980	VV	516	5714	0.07%	0.004%	
304	16.992	16.980	17.043	VV	510	12968	0.15%	0.008%	
305	17.096	17.043	17.102	VV	431	6172	0.07%	0.004%	
306	17.123	17.102	17.148	VV	557	10365	0.12%	0.006%	
307	17.156	17.148	17.175	VV	218	2485	0.03%	0.002%	
308	17.187	17.175	17.195	VV	304	1915	0.02%	0.001%	
309	17.224	17.195	17.274	VV	3869	73763	0.86%	0.045%	
310	17.310	17.274	17.334	VV	2936	49367	0.58%	0.030%	
311	17.350	17.334	17.378	VV	1183	22688	0.26%	0.014%	
312	17.399	17.378	17.442	VV	901	21840	0.25%	0.013%	
313	17.458	17.442	17.467	VV	493	5020	0.06%	0.003%	
314	17.475	17.467	17.497	VV	583	4817	0.06%	0.003%	
315	17.533	17.497	17.549	PV	553	11219	0.13%	0.007%	
316	17.558	17.549	17.563	VV	394	2680	0.03%	0.002%	
317	17.574	17.563	17.579	VV	541	3825	0.04%	0.002%	
318	17.587	17.579	17.592	VV	479	3339	0.04%	0.002%	
319	17.605	17.592	17.614	VV	586	6013	0.07%	0.004%	
320	17.639	17.614	17.659	VV	1196	20974	0.24%	0.013%	
321	17.679	17.659	17.687	VV	887	12767	0.15%	0.008%	
322	17.747	17.687	17.784	VV	68804	975125	11.36%	0.598%	
323	17.835	17.784	17.861	VV	3024	72375	0.84%	0.044%	
324	17.877	17.861	17.882	VV	824	8789	0.10%	0.005%	
325	17.915	17.882	17.927	VV	1333	27073	0.32%	0.017%	
326	17.954	17.927	18.007	VV	14882	237262	2.76%	0.146%	
327	18.031	18.007	18.055	PV	1708	27881	0.32%	0.017%	
328	18.139	18.055	18.153	VV	458052	7556327	88.04%	4.635%	
329	18.178	18.153	18.235	VV	493369	6683117	77.87%	4.100%	

				rt	Area	Area%	Area%
330	18.261	18.235	18.268	VV	1848	23335	0.27%
331	18.285	18.268	18.341	VV	3096	59285	0.69%
332	18.396	18.341	18.444	PV	433693	6405772	74.64%
333	18.460	18.444	18.477	VV	490	5959	0.07%
Sum of corrected areas:					163012690		

Aromatic EPH 090425.M Mon Sep 29 00:59:21 2025

270	20.176	20.047	20.205	VV	rteres 8999	723666	11.67%	0.562%
271	20.260	20.205	20.291	VV	14316	519141	8.37%	0.403%
272	20.448	20.291	20.472	VV	11280	1053356	16.98%	0.819%
273	20.535	20.472	20.562	VV	12257	621747	10.02%	0.483%
274	20.631	20.562	20.691	VV	361921	5983647	96.46%	4.650%
275	20.711	20.691	20.735	VV	15488	396870	6.40%	0.308%
276	20.790	20.735	20.825	VV	15782	832192	13.42%	0.647%
277	20.853	20.825	20.890	VV	15180	573543	9.25%	0.446%
278	20.916	20.890	20.940	VV	14285	422995	6.82%	0.329%
279	20.998	20.940	21.048	VV	17419	946352	15.26%	0.735%
280	21.091	21.048	21.101	VV	13483	417039	6.72%	0.324%
281	21.192	21.101	21.340	VV	18887	2180485	35.15%	1.694%
282	21.415	21.340	21.498	VV	276941	6013631	96.95%	4.673%
283	21.520	21.498	21.555	VV	10025	329570	5.31%	0.256%
284	21.580	21.555	21.616	VV	9616	332456	5.36%	0.258%
285	21.643	21.616	21.658	VV	8455	207257	3.34%	0.161%
286	21.722	21.658	21.730	VV	8899	371204	5.98%	0.288%
287	21.762	21.730	21.802	VV	9176	381587	6.15%	0.297%
288	21.810	21.802	21.843	VV	7986	188887	3.05%	0.147%
289	21.883	21.843	21.918	VV	8667	349945	5.64%	0.272%
290	21.944	21.918	21.993	VV	7152	297947	4.80%	0.232%
291	22.006	21.993	22.043	VV	5825	160231	2.58%	0.125%
292	22.103	22.043	22.125	VV	5287	244723	3.95%	0.190%
293	22.129	22.125	22.151	VV	4946	77102	1.24%	0.060%
294	22.175	22.151	22.241	VV	4719	221021	3.56%	0.172%
295	22.265	22.241	22.301	VV	3060	96236	1.55%	0.075%
296	22.411	22.301	22.525	VV	181726	5034868	81.17%	3.912%
297	22.548	22.525	22.576	VV	1065	23065	0.37%	0.018%
Sum of corrected areas:						128690711		

Aliphatic EPH 092425.M Sat Sep 27 00:31:35 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AL\
 Data File : FG016661.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2025 10:10
 Operator : YP\AJ
 Sample : Q3178-02MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/02/2025
 Supervised By :Sohil Jodhani 10/02/2025

Integration File: autoint1.e
 Quant Time: Sep 27 00:01:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 Qlast Update : Wed Sep 24 16:20:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.510	5267240	46.665 ug/ml
Spiked Amount 50.000		Recovery =	93.33%
Target Compounds			
1) T n-Nonane (C9)	3.386	4478482	39.465 ug/ml
2) T n-Decane (C10)	4.646	4994231	43.183 ug/ml
4) T n-Dodecane (C12)	6.826	5451584	46.445 ug/ml
6) T n-Tetradecane (C14)	8.668	5759908	49.095 ug/ml
7) T n-Hexadecane (C16)	10.286	5998030	48.409 ug/ml
8) T n-Octadecane (C18)	11.741	6038297	46.385 ug/ml
10) T n-Eicosane (C20)	13.061	6185927	47.851 ug/ml
11) T n-Heneicosane (C21)	13.677	5916202	46.071 ug/ml
13) T n-Docosane (C22)	14.268	5854530	45.403 ug/ml
14) T n-Tetracosane (C24)	15.380	5763268	44.189 ug/ml
15) T n-Hexacosane (C26)	16.409	5553556	43.021 ug/ml
16) T n-Octacosane (C28)	17.365	5335749	42.046 ug/ml
17) T n-Tricontane (C30)	18.258	5299365	41.416 ug/ml
18) T n-Dotriacontane (C32)	19.098	5216611	42.594 ug/ml
19) T n-Tetratriacontane (C34)	19.888	5143134	47.343 ug/mlm
20) T n-Hexatriacontane (C36)	20.630	4902294	53.947 ug/mlm
21) T n-Octatriacontane (C38)	21.415	4994645	61.328 ug/ml
22) T n-Tetracontane (C40)	22.411	4834641	62.674 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AL\
Data File : FG016661.D
Signal(s) : FID1A.ch
Acq On : 26 Sep 2025 10:10
Operator : YP\AJ
Sample : Q3178-02MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

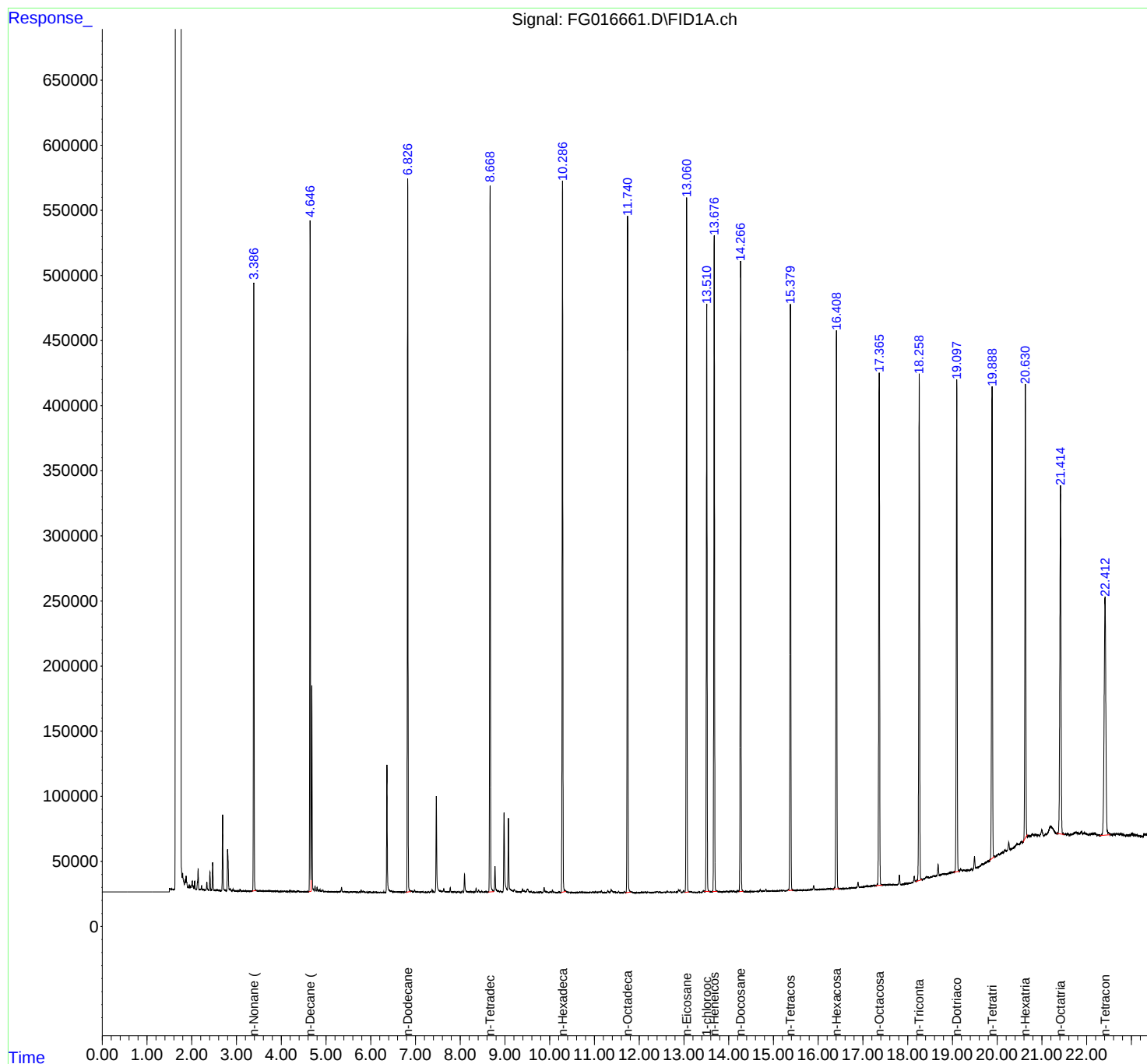
Instrument :
FID_G
ClientSampleId :

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2025
Supervised By :Sohil Jodhani 10/02/2025

Integration File: autoint1.e
Quant Time: Sep 27 00:01:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 16:20:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



Instrument :
FID_G
ClientSampleId :

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2025
Supervised By :Sohil Jodhani 10/02/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG016661.D
Data File : FG016661.D
Signal(s) : FID1A.ch
Acq On : 26 Sep 2025 10:10
Sample : Q3178-02MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.254	3.221	3.296	BV	204	2048	0.03%	0.002%
2	3.315	3.296	3.331	PV	86	724	0.01%	0.001%
3	3.386	3.331	3.510	VV	462000	4519327	72.86%	3.512%
4	3.531	3.510	3.549	VV	480	8580	0.14%	0.007%
5	3.559	3.549	3.581	VV	333	5002	0.08%	0.004%
6	3.598	3.581	3.618	VV	377	6258	0.10%	0.005%
7	3.629	3.618	3.660	VV	384	6445	0.10%	0.005%
8	3.672	3.660	3.684	VV	265	3144	0.05%	0.002%
9	3.701	3.684	3.710	VV	366	4168	0.07%	0.003%
10	3.722	3.710	3.735	VV	416	5339	0.09%	0.004%
11	3.744	3.735	3.818	VV	472	15610	0.25%	0.012%
12	3.836	3.818	3.864	VV	279	4680	0.08%	0.004%
13	3.874	3.864	3.905	VV	201	3375	0.05%	0.003%
14	3.921	3.905	3.957	VV	142	3507	0.06%	0.003%
15	3.975	3.957	3.988	VV	229	3004	0.05%	0.002%
16	4.000	3.988	4.012	VV	161	1724	0.03%	0.001%
17	4.029	4.012	4.048	VV	143	2153	0.03%	0.002%
18	4.073	4.048	4.147	VV	168	5532	0.09%	0.004%
19	4.182	4.147	4.201	VV	434	6066	0.10%	0.005%
20	4.216	4.201	4.275	VV	862	12288	0.20%	0.010%
21	4.291	4.275	4.330	VV	252	5187	0.08%	0.004%
22	4.388	4.330	4.406	VV	723	13634	0.22%	0.011%
23	4.414	4.406	4.509	VV	154	5542	0.09%	0.004%
24	4.529	4.509	4.574	VV	174	3452	0.06%	0.003%
25	4.586	4.574	4.610	VV	129	1885	0.03%	0.001%
26	4.646	4.610	4.666	VV	506674	5001715	80.63%	3.887%
27	4.683	4.666	4.736	VV	156910	1594307	25.70%	1.239%
28	4.756	4.736	4.785	VV	4422	56222	0.91%	0.044%
29	4.801	4.785	4.820	VV	3577	39954	0.64%	0.031%
30	4.834	4.820	4.848	VV	1278	15922	0.26%	0.012%
31	4.865	4.848	4.883	VV	1954	23323	0.38%	0.018%

Page 1

32	4.897	4.883	4.912	VV	966	12118	0.20%	0.009%
33	4.930	4.912	5.000	VV	1762	2923		
34	5.009	5.000	5.038	VV	301	544		
35	5.057	5.038	5.088	VV	344	805		
36	5.097	5.088	5.125	VV	227	419		
37	5.161	5.125	5.178	VV	367	7514	0.12%	0.006%
38	5.192	5.178	5.218	VV	214	3988	0.06%	0.003%
39	5.226	5.218	5.242	VV	172	2190	0.04%	0.002%
40	5.264	5.242	5.286	VV	316	5728	0.09%	0.004%
41	5.349	5.286	5.388	VV	3566	52235	0.84%	0.041%
42	5.411	5.388	5.452	VV	732	11127	0.18%	0.009%
43	5.468	5.452	5.514	VV	148	2348	0.04%	0.002%
44	5.526	5.514	5.545	PV	133	1364	0.02%	0.001%
45	5.559	5.545	5.581	VV	255	3325	0.05%	0.003%
46	5.598	5.581	5.625	VV	186	3270	0.05%	0.003%
47	5.632	5.625	5.643	VV	153	1215	0.02%	0.001%
48	5.652	5.643	5.659	VV	139	1115	0.02%	0.001%
49	5.665	5.659	5.714	VV	157	2333	0.04%	0.002%
50	5.749	5.714	5.763	PV	111	2261	0.04%	0.002%
51	5.787	5.763	5.813	VV	1844	21664	0.35%	0.017%
52	5.831	5.813	5.873	VV	1127	12540	0.20%	0.010%
53	5.892	5.873	5.928	VV	279	3309	0.05%	0.003%
54	5.976	5.928	6.041	VV	379	7305	0.12%	0.006%
55	6.055	6.041	6.072	VV	121	1438	0.02%	0.001%
56	6.095	6.072	6.122	VV	251	4293	0.07%	0.003%
57	6.162	6.122	6.181	VV	96	1607	0.03%	0.001%
58	6.198	6.181	6.252	PV	67	884	0.01%	0.001%
59	6.363	6.252	6.451	PV	97634	1051906	16.96%	0.817%
60	6.467	6.451	6.510	VV	1457	28094	0.45%	0.022%
61	6.532	6.510	6.585	VV	813	21550	0.35%	0.017%
62	6.608	6.585	6.635	VV	496	11897	0.19%	0.009%
63	6.647	6.635	6.683	VV	360	7364	0.12%	0.006%
64	6.708	6.683	6.741	VV	306	7758	0.13%	0.006%
65	6.748	6.741	6.765	VV	266	2677	0.04%	0.002%
66	6.826	6.765	6.895	VV	547919	5483234	88.40%	4.261%
67	6.911	6.895	6.933	VV	1208	21087	0.34%	0.016%
68	6.946	6.933	6.960	VV	809	10944	0.18%	0.009%
69	6.979	6.960	7.002	VV	2067	27919	0.45%	0.022%
70	7.015	7.002	7.036	VV	675	10635	0.17%	0.008%
71	7.054	7.036	7.082	VV	813	12134	0.20%	0.009%
72	7.110	7.082	7.132	VV	344	7977	0.13%	0.006%
73	7.156	7.132	7.182	VV	397	8838	0.14%	0.007%
74	7.195	7.182	7.211	VV	273	3847	0.06%	0.003%
75	7.231	7.211	7.265	VV	254	5259	0.08%	0.004%
76	7.282	7.265	7.312	VV	705	9151	0.15%	0.007%
77	7.337	7.312	7.350	VV	925	11921	0.19%	0.009%
78	7.369	7.350	7.430	VV	1954	41753	0.67%	0.032%
79	7.466	7.430	7.534	VV	73144	852252	13.74%	0.662%

Instrument :
FID_G
ClientSampleId :

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2025
Supervised By :Sohil Jodhani 10/02/2025

Instrument :
FID_G
ClientSampleId :

80	7.549	7.534	7.592	VV	1519	38948	0.63%	0.030%
81	7.605	7.592	7.614	VV	901	1038		
82	7.632	7.614	7.676	VV	3036	4621		
83	7.694	7.676	7.727	VV	606	1626		
84	7.742	7.727	7.754	VV	744	969		
85	7.776	7.754	7.805	VV	3649	44163	0.71%	0.034%
86	7.840	7.805	7.855	VV	536	11960	0.19%	0.009%
87	7.870	7.855	7.900	VV	744	11514	0.19%	0.009%
88	7.915	7.900	7.925	VV	278	3649	0.06%	0.003%
89	7.954	7.925	7.979	VV	680	13104	0.21%	0.010%
90	7.992	7.979	8.020	VV	319	5608	0.09%	0.004%
91	8.044	8.020	8.068	VV	1151	16106	0.26%	0.013%
92	8.096	8.068	8.185	VV	14159	200066	3.23%	0.155%
93	8.215	8.185	8.228	VV	774	15436	0.25%	0.012%
94	8.238	8.228	8.253	VV	670	8544	0.14%	0.007%
95	8.267	8.253	8.295	VV	638	11090	0.18%	0.009%
96	8.309	8.295	8.327	VV	680	8892	0.14%	0.007%
97	8.355	8.327	8.381	VV	3378	42211	0.68%	0.033%
98	8.412	8.381	8.440	VV	2063	31702	0.51%	0.025%
99	8.451	8.440	8.463	VV	461	5268	0.08%	0.004%
100	8.483	8.463	8.508	VV	1053	15428	0.25%	0.012%
101	8.527	8.508	8.551	VV	504	10095	0.16%	0.008%
102	8.571	8.551	8.603	VV	1041	17571	0.28%	0.014%
103	8.621	8.603	8.630	VV	503	6884	0.11%	0.005%
104	8.668	8.630	8.746	VV	541741	5800849	93.52%	4.508%
105	8.778	8.746	8.840	VV	20272	280473	4.52%	0.218%
106	8.856	8.840	8.882	VV	1311	26386	0.43%	0.021%
107	8.899	8.882	8.935	VV	1282	24849	0.40%	0.019%
108	8.980	8.935	9.055	VV	60967	861510	13.89%	0.669%
109	9.078	9.055	9.148	VV	57141	691964	11.16%	0.538%
110	9.159	9.148	9.188	VV	1654	33553	0.54%	0.026%
111	9.209	9.188	9.250	VV	2486	55974	0.90%	0.043%
112	9.269	9.250	9.308	VV	879	22441	0.36%	0.017%
113	9.328	9.308	9.348	VV	727	13082	0.21%	0.010%
114	9.395	9.348	9.416	VV	2615	51190	0.83%	0.040%
115	9.431	9.416	9.466	VV	1412	31603	0.51%	0.025%
116	9.513	9.466	9.571	VV	2813	84393	1.36%	0.066%
117	9.588	9.571	9.611	VV	963	13981	0.23%	0.011%
118	9.634	9.611	9.665	VV	556	9880	0.16%	0.008%
119	9.686	9.665	9.702	VV	329	5665	0.09%	0.004%
120	9.717	9.702	9.771	VV	347	11443	0.18%	0.009%
121	9.800	9.771	9.844	VV	632	14920	0.24%	0.012%
122	9.875	9.844	9.905	VV	3926	60788	0.98%	0.047%
123	9.919	9.905	9.949	VV	932	15330	0.25%	0.012%
124	9.963	9.949	9.986	VV	425	6794	0.11%	0.005%
125	10.012	9.986	10.038	VV	852	15101	0.24%	0.012%
126	10.061	10.038	10.081	VV	2290	27387	0.44%	0.021%

Instrument :
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ClientSampleId :

127	10.094	10.081	10.181	VV	603	14180	0.23%	0.011%
128	10.203	10.181	10.246	VV	581	1147		
129	10.286	10.246	10.445	VV	541795	606998		
130	10.455	10.445	10.481	VV	339	468		
131	10.504	10.481	10.517	VV	147	233		
132	10.561	10.517	10.580	VV	268	5644	0.09%	0.004%
133	10.607	10.580	10.646	VV	415	10104	0.16%	0.008%
134	10.679	10.646	10.699	VV	747	13532	0.22%	0.011%
135	10.720	10.699	10.740	VV	533	9340	0.15%	0.007%
136	10.765	10.740	10.788	VV	386	8105	0.13%	0.006%
137	10.811	10.788	10.829	VV	323	5912	0.10%	0.005%
138	10.838	10.829	10.861	VV	224	3002	0.05%	0.002%
139	10.888	10.861	10.902	VV	393	6330	0.10%	0.005%
140	10.924	10.902	10.941	VV	435	7782	0.13%	0.006%
141	10.970	10.941	10.993	VV	600	13686	0.22%	0.011%
142	11.028	10.993	11.067	VV	1120	22934	0.37%	0.018%
143	11.108	11.067	11.126	VV	537	14284	0.23%	0.011%
144	11.158	11.126	11.186	VV	1355	24857	0.40%	0.019%
145	11.205	11.186	11.235	VV	242	6213	0.10%	0.005%
146	11.248	11.235	11.268	VV	330	4953	0.08%	0.004%
147	11.298	11.268	11.337	VV	1663	31892	0.51%	0.025%
148	11.374	11.337	11.441	VV	2376	66108	1.07%	0.051%
149	11.457	11.441	11.475	VV	779	11768	0.19%	0.009%
150	11.484	11.475	11.511	VV	356	5268	0.08%	0.004%
151	11.539	11.511	11.581	VV	1384	17397	0.28%	0.014%
152	11.594	11.581	11.616	PV	96	1373	0.02%	0.001%
153	11.625	11.616	11.636	VV	78	552	0.01%	0.000%
154	11.668	11.636	11.692	PV	1171	15035	0.24%	0.012%
155	11.740	11.692	11.825	VV	522682	6066721	97.80%	4.714%
156	11.827	11.825	11.936	VV	684	13344	0.22%	0.010%
157	11.964	11.936	11.995	VV	152	3129	0.05%	0.002%
158	12.060	11.995	12.076	VV	333	8317	0.13%	0.006%
159	12.093	12.076	12.111	VV	326	5571	0.09%	0.004%
160	12.131	12.111	12.156	VV	535	9017	0.15%	0.007%
161	12.198	12.156	12.242	VV	514	13315	0.21%	0.010%
162	12.256	12.242	12.278	VV	106	1284	0.02%	0.001%
163	12.407	12.278	12.438	PV	984	34946	0.56%	0.027%
164	12.456	12.438	12.482	VV	509	8594	0.14%	0.007%
165	12.510	12.482	12.527	VV	267	4624	0.07%	0.004%
166	12.551	12.527	12.598	VV	459	12094	0.19%	0.009%
167	12.632	12.598	12.667	VV	967	22092	0.36%	0.017%
168	12.703	12.667	12.730	VV	619	15785	0.25%	0.012%
169	12.748	12.730	12.761	VV	433	6028	0.10%	0.005%
170	12.782	12.761	12.807	VV	587	10594	0.17%	0.008%
171	12.881	12.807	12.897	VV	2067	41976	0.68%	0.033%
172	12.913	12.897	12.966	VV	2271	33615	0.54%	0.026%
173	12.994	12.966	13.020	VV	1569	22900	0.37%	0.018%
174	13.061	13.020	13.120	VV	530920	6202933	100.00%	4.820%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2025
Supervised By :Sohil Jodhani 10/02/2025

Instrument :
FID_G
ClientSampleId :

175	13.139	13.120	13.168	VV	647	14381	0.23%	0.011%
176	13.175	13.168	13.241	VV	312	768		
177	13.254	13.241	13.291	VV	116	205		
178	13.331	13.291	13.366	PV	292	866		
179	13.384	13.366	13.402	VV	197	253		
180	13.432	13.402	13.472	VV	1425	31815	0.51%	0.025%
181	13.510	13.472	13.596	VV	454743	5312537	85.65%	4.128%
182	13.622	13.596	13.637	VV	582	10718	0.17%	0.008%
183	13.677	13.637	13.838	VV	501953	5962764	96.13%	4.633%
184	13.884	13.838	13.914	VV	299	7418	0.12%	0.006%
185	13.948	13.914	13.991	VBA	405	11438	0.18%	0.009%
186	14.022	13.991	14.038	BV	354	4496	0.07%	0.003%
187	14.055	14.038	14.081	VV	650	9069	0.15%	0.007%
188	14.106	14.081	14.154	VV	1010	16320	0.26%	0.013%
189	14.174	14.154	14.183	VV	162	1844	0.03%	0.001%
190	14.211	14.183	14.229	VV	1161	15372	0.25%	0.012%
191	14.268	14.229	14.378	VV	482150	5874964	94.71%	4.565%
192	14.398	14.378	14.425	VV	220	3002	0.05%	0.002%
193	14.496	14.425	14.540	PV	224	7726	0.12%	0.006%
194	14.564	14.540	14.580	PV	139	2288	0.04%	0.002%
195	14.598	14.580	14.612	VV	150	2129	0.03%	0.002%
196	14.705	14.612	14.752	VV	1328	25104	0.40%	0.020%
197	14.790	14.752	14.808	VV	221	4899	0.08%	0.004%
198	14.831	14.808	14.878	VV	1789	23724	0.38%	0.018%
199	14.928	14.878	14.937	VV	173	4164	0.07%	0.003%
200	14.969	14.937	15.015	VV	258	7038	0.11%	0.005%
201	15.036	15.015	15.065	VV	152	2450	0.04%	0.002%
202	15.151	15.065	15.167	VV	301	10910	0.18%	0.008%
203	15.185	15.167	15.206	VV	295	4936	0.08%	0.004%
204	15.231	15.206	15.271	VV	313	5364	0.09%	0.004%
205	15.332	15.271	15.341	PV	1141	14829	0.24%	0.012%
206	15.380	15.341	15.496	VV	444226	5784468	93.25%	4.495%
207	15.542	15.496	15.597	VV	345	8373	0.13%	0.007%
208	15.607	15.597	15.641	PV	130	1925	0.03%	0.001%
209	15.714	15.641	15.724	VV	153	4502	0.07%	0.003%
210	15.743	15.724	15.770	VV	170	3022	0.05%	0.002%
211	15.805	15.770	15.818	VV	191	3710	0.06%	0.003%
212	15.825	15.818	15.836	VV	155	1527	0.02%	0.001%
213	15.859	15.836	15.870	VV	244	4152	0.07%	0.003%
214	15.899	15.870	15.981	VV	3251	51308	0.83%	0.040%
215	16.058	15.981	16.068	VV	234	7558	0.12%	0.006%
216	16.076	16.068	16.121	VV	222	4632	0.07%	0.004%
217	16.129	16.121	16.138	VV	180	1480	0.02%	0.001%
218	16.147	16.138	16.175	VV	134	2343	0.04%	0.002%
219	16.225	16.175	16.243	VV	345	8586	0.14%	0.007%
220	16.280	16.243	16.311	VV	248	8176	0.13%	0.006%
221	16.321	16.311	16.328	VV	147	988	0.02%	0.001%

Instrument :
FID_G
ClientSampleId :

222	16.408	16.328	16.490	VV	426919	5564549	89.71%	4.324%
223	16.500	16.490	16.521	VV	161	177		
224	16.614	16.521	16.641	PV	192	629		
225	16.720	16.641	16.735	PV	234	569		
226	16.781	16.735	16.815	VV	227	807		
227	16.891	16.815	16.935	VV	4204	68652	1.11%	0.053%
228	16.968	16.935	16.991	VV	444	10651	0.17%	0.008%
229	17.093	16.991	17.122	VV	912	38942	0.63%	0.030%
230	17.192	17.122	17.208	VV	673	27551	0.44%	0.021%
231	17.243	17.208	17.266	VV	914	24610	0.40%	0.019%
232	17.364	17.266	17.435	VV	393831	5402749	87.10%	4.198%
233	17.458	17.435	17.475	VV	863	18643	0.30%	0.014%
234	17.486	17.475	17.508	VV	759	13599	0.22%	0.011%
235	17.511	17.508	17.528	VV	673	7292	0.12%	0.006%
236	17.553	17.528	17.584	VV	717	21833	0.35%	0.017%
237	17.621	17.584	17.638	VV	671	19322	0.31%	0.015%
238	17.657	17.638	17.671	VV	526	9095	0.15%	0.007%
239	17.693	17.671	17.727	VV	564	13393	0.22%	0.010%
240	17.814	17.727	17.851	VV	7374	109561	1.77%	0.085%
241	17.861	17.851	17.878	VV	152	1470	0.02%	0.001%
242	17.929	17.878	17.957	PV	614	8865	0.14%	0.007%
243	18.056	17.957	18.068	VV	111	5334	0.09%	0.004%
244	18.146	18.068	18.183	PV	4708	76447	1.23%	0.059%
245	18.258	18.183	18.321	VV	390303	5351980	86.28%	4.159%
246	18.353	18.321	18.365	VV	1195	27293	0.44%	0.021%
247	18.440	18.365	18.480	VV	2100	110250	1.78%	0.086%
248	18.531	18.480	18.545	VV	1557	53014	0.85%	0.041%
249	18.571	18.545	18.593	VV	2005	47544	0.77%	0.037%
250	18.615	18.593	18.627	VV	1640	29731	0.48%	0.023%
251	18.680	18.627	18.718	VV	9723	190488	3.07%	0.148%
252	18.783	18.718	18.802	VV	2053	77353	1.25%	0.060%
253	18.815	18.802	18.842	VV	1529	33531	0.54%	0.026%
254	18.856	18.842	18.865	VV	1208	15782	0.25%	0.012%
255	18.952	18.865	18.961	VV	1525	73017	1.18%	0.057%
256	18.991	18.961	19.010	VV	1639	42718	0.69%	0.033%
257	19.097	19.010	19.154	VV	377818	5322926	85.81%	4.136%
258	19.183	19.154	19.228	VV	2806	79156	1.28%	0.062%
259	19.254	19.228	19.288	VV	1500	37993	0.61%	0.030%
260	19.298	19.288	19.325	VV	652	10842	0.17%	0.008%
261	19.348	19.325	19.373	VV	590	11149	0.18%	0.009%
262	19.423	19.373	19.444	PV	897	14442	0.23%	0.011%
263	19.493	19.444	19.521	PV	10054	146711	2.37%	0.114%
264	19.545	19.521	19.555	VV	835	15409	0.25%	0.012%
265	19.659	19.555	19.681	VV	2641	121069	1.95%	0.094%
266	19.751	19.681	19.760	VV	3386	131739	2.12%	0.102%
267	19.798	19.760	19.807	VV	3804	101682	1.64%	0.079%
268	19.886	19.807	19.951	VV	370967	5560180	89.64%	4.321%
269	20.035	19.951	20.047	VV	6962	373846	6.03%	0.290%

Instrument :
FID_G
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270	20.176	20.047	20.205	VV	8999	723666	11.67%	0.562%
271	20.260	20.205	20.291	VV	14316	51914		
272	20.448	20.291	20.472	VV	11280	105335		
273	20.535	20.472	20.562	VV	12257	62174		
274	20.631	20.562	20.691	VV	361921	598364		
275	20.711	20.691	20.735	VV	15488	396870	6.40%	0.308%
276	20.790	20.735	20.825	VV	15782	832192	13.42%	0.647%
277	20.853	20.825	20.890	VV	15180	573543	9.25%	0.446%
278	20.916	20.890	20.940	VV	14285	422995	6.82%	0.329%
279	20.998	20.940	21.048	VV	17419	946352	15.26%	0.735%
280	21.091	21.048	21.101	VV	13483	417039	6.72%	0.324%
281	21.192	21.101	21.340	VV	18887	2180485	35.15%	1.694%
282	21.415	21.340	21.498	VV	276941	6013631	96.95%	4.673%
283	21.520	21.498	21.555	VV	10025	329570	5.31%	0.256%
284	21.580	21.555	21.616	VV	9616	332456	5.36%	0.258%
285	21.643	21.616	21.658	VV	8455	207257	3.34%	0.161%
286	21.722	21.658	21.730	VV	8899	371204	5.98%	0.288%
287	21.762	21.730	21.802	VV	9176	381587	6.15%	0.297%
288	21.810	21.802	21.843	VV	7986	188887	3.05%	0.147%
289	21.883	21.843	21.918	VV	8667	349945	5.64%	0.272%
290	21.944	21.918	21.993	VV	7152	297947	4.80%	0.232%
291	22.006	21.993	22.043	VV	5825	160231	2.58%	0.125%
292	22.103	22.043	22.125	VV	5287	244723	3.95%	0.190%
293	22.129	22.125	22.151	VV	4946	77102	1.24%	0.060%
294	22.175	22.151	22.241	VV	4719	221021	3.56%	0.172%
295	22.265	22.241	22.301	VV	3060	96236	1.55%	0.075%
296	22.411	22.301	22.525	VV	181726	5034868	81.17%	3.912%
297	22.548	22.525	22.576	VV	1065	23065	0.37%	0.018%

Sum of corrected areas: 128690711

Aliphatic EPH 092425.M Sat Sep 27 00:31:35 2025

5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092625AR\
 Data File : FD049769.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2025 12:07
 Operator : YP/AJ
 Sample : Q3178-02MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 EME-TS14-01MSD

Integration File: autoint1.e
 Quant Time: Sep 29 00:22:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.699	4722924	41.995 ug/ml
Spiked Amount 50.000		Recovery =	83.99%
6) S 2-Fluorobiphenyl (SURR)	8.564	2680542	33.394 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.79%
11) S ortho-Terphenyl (SURR)	11.611	4715597	33.330 ug/ml
Spiked Amount 50.000		Recovery =	66.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.491	4176511	38.760 ug/ml
2) T Naphthalene (C11.7)	6.034	5498972	44.218 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	5532726	42.451 ug/ml
5) T Acenaphthylene (C15.06)	8.369	7257198	52.345 ug/ml
7) T Acenaphthene (C15.5)	8.666	6859399	49.482 ug/ml
8) T Flouorene (C16.55)	9.449	7855312	56.630 ug/ml
9) T Phenanthrene (C19.36)	10.848	8109854	58.217 ug/ml
10) T Anthracene (C19.43)	10.924	7861339	59.537 ug/ml
12) T Fluoranthene (C21.85)	12.665	8109657	60.218 ug/ml
13) T Pyrene (C20.8)	12.963	8082512	60.760 ug/ml
14) T Benzo[a]anthracene (C...	14.836	7474740	62.505 ug/ml
15) T Chrysene (C27.41)	14.882	8522353	70.055 ug/ml
16) T benzo[b]fluoranthene ...	16.390	7131225	59.492 ug/ml
17) T Bnezo[k]fluoranthene ...	16.426	6915785	61.378 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.771	6816443	58.088 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.139	7578145	69.658 ug/ml
20) T Dibenz[a,h]anthracene...	18.178	6618312	58.081 ug/ml
21) T Benzo[g,h,i]perylene ...	18.395	6387183	54.893 ug/ml

(f)=RT Delta > 1/2 Window

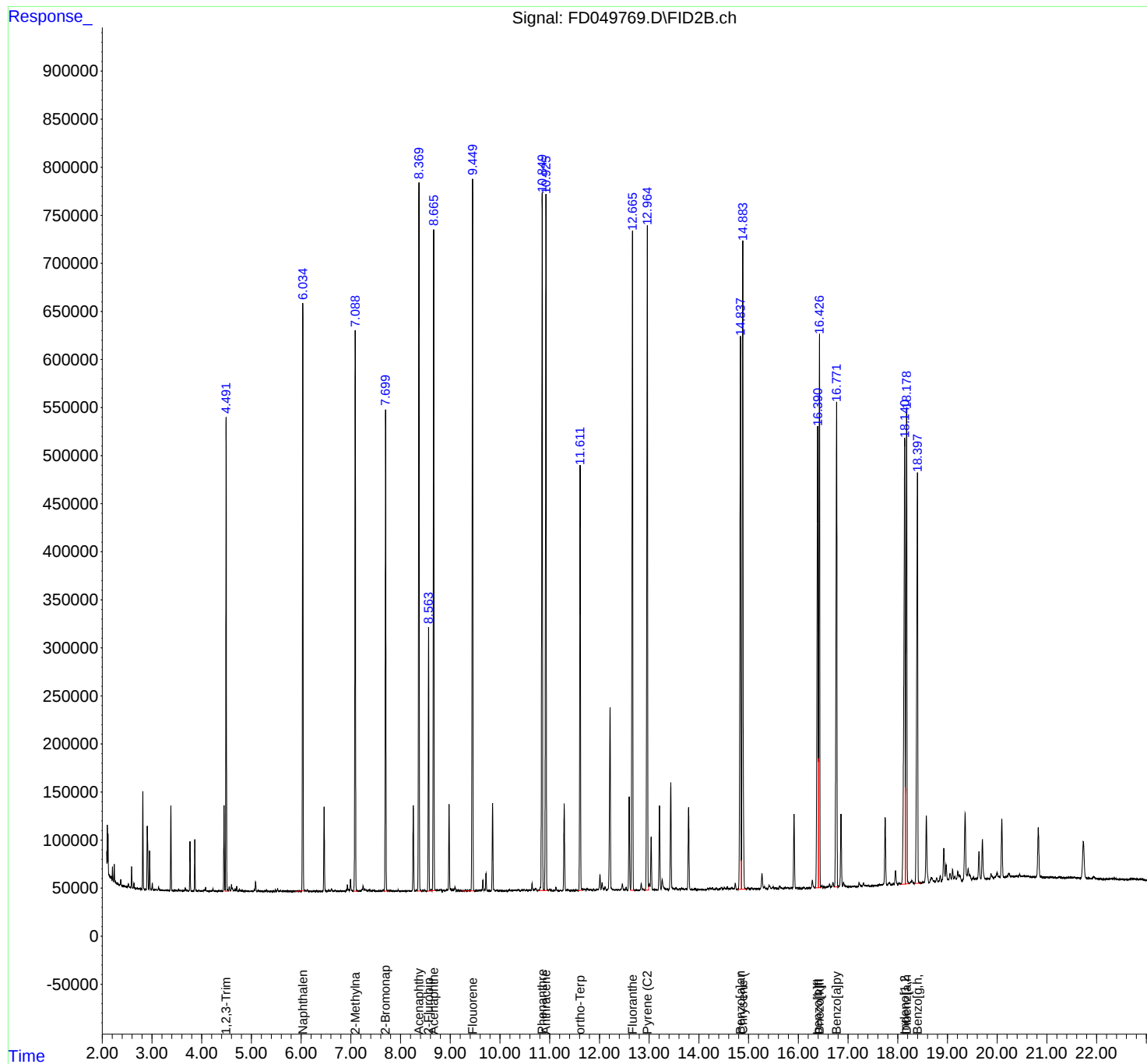
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092625AR\
Data File : FD049769.D
Signal(s) : FID2B.ch
Acq On : 26 Sep 2025 12:07
Operator : YP/AJ
Sample : Q3178-01MSD
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
EME-TS14-01MSD

Integration File: autoint1.e
Quant Time: Sep 29 00:22:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
Quant Title : GC Extractables
QLast Update : Fri Sep 05 06:31:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092625AR\
 Data File : FD049769.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2025 12:07
 Sample : Q3178-02MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH
 090425.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.316	4.296	4.325	PV	258	1875	0.02%	0.001%
2	4.342	4.325	4.371	VV	1023	12008	0.14%	0.007%
3	4.401	4.371	4.422	PV	792	9910	0.12%	0.006%
4	4.450	4.422	4.470	VV	89299	791162	9.25%	0.485%
5	4.491	4.470	4.517	VV	492887	4173703	48.80%	2.558%
6	4.523	4.517	4.537	VV	1253	10485	0.12%	0.006%
7	4.554	4.537	4.578	VV	5290	54566	0.64%	0.033%
8	4.599	4.578	4.611	VV	7025	66757	0.78%	0.041%
9	4.618	4.611	4.640	VV	3441	35513	0.42%	0.022%
10	4.653	4.640	4.661	VV	1354	12985	0.15%	0.008%
11	4.674	4.661	4.688	VV	2794	27715	0.32%	0.017%
12	4.704	4.688	4.725	VV	5283	49391	0.58%	0.030%
13	4.732	4.725	4.737	VV	265	1539	0.02%	0.001%
14	4.757	4.737	4.770	VV	2653	24332	0.28%	0.015%
15	4.781	4.770	4.806	VV	1349	16305	0.19%	0.010%
16	4.819	4.806	4.850	VV	797	12070	0.14%	0.007%
17	4.859	4.850	4.867	VV	390	2348	0.03%	0.001%
18	4.872	4.867	4.879	VV	231	1081	0.01%	0.001%
19	4.891	4.879	4.912	VV	653	8023	0.09%	0.005%
20	4.919	4.912	4.934	VV	249	2430	0.03%	0.001%
21	4.951	4.934	4.975	VV	492	5112	0.06%	0.003%
22	4.989	4.975	4.996	VV	548	4823	0.06%	0.003%
23	5.006	4.996	5.029	VV	581	7536	0.09%	0.005%
24	5.058	5.029	5.067	VV	1923	19489	0.23%	0.012%
25	5.083	5.067	5.116	VV	10252	108733	1.27%	0.067%

rteres								
26	5.141	5.116	5.174	VV	1899	23150	0.27%	0.014%
27	5.194	5.174	5.219	VV	445	7382	0.09%	0.005%
28	5.223	5.219	5.234	VV	305	1696	0.02%	0.001%
29	5.244	5.234	5.252	PV	330	1783	0.02%	0.001%
30	5.273	5.252	5.286	VV	638	7846	0.09%	0.005%
31	5.303	5.286	5.332	VV	1870	22044	0.26%	0.014%
32	5.338	5.332	5.355	VV	382	2773	0.03%	0.002%
33	5.361	5.355	5.385	VV	169	1816	0.02%	0.001%
34	5.392	5.385	5.426	VV	304	4871	0.06%	0.003%
35	5.451	5.426	5.461	PV	510	6201	0.07%	0.004%
36	5.484	5.461	5.502	VV	1397	15132	0.18%	0.009%
37	5.527	5.502	5.551	VV	3279	36162	0.42%	0.022%
38	5.555	5.551	5.560	VV	318	1667	0.02%	0.001%
39	5.582	5.560	5.605	VV	1028	15061	0.18%	0.009%
40	5.619	5.605	5.638	VV	418	6387	0.07%	0.004%
41	5.667	5.638	5.705	VV	644	16641	0.19%	0.010%
42	5.721	5.705	5.727	VV	557	5260	0.06%	0.003%
43	5.730	5.727	5.749	VV	565	4499	0.05%	0.003%
44	5.755	5.749	5.761	VV	363	1984	0.02%	0.001%
45	5.777	5.761	5.800	VV	751	9829	0.11%	0.006%
46	5.808	5.800	5.823	VV	320	3839	0.04%	0.002%
47	5.834	5.823	5.860	VV	444	7508	0.09%	0.005%
48	5.866	5.860	5.879	VV	399	3618	0.04%	0.002%
49	5.912	5.879	5.926	VV	361	8265	0.10%	0.005%
50	5.937	5.926	5.950	VV	567	6445	0.08%	0.004%
51	5.958	5.950	5.962	VV	508	2744	0.03%	0.002%
52	5.973	5.962	5.986	VV	681	7828	0.09%	0.005%
53	5.990	5.986	6.002	VV	489	4080	0.05%	0.003%
54	6.034	6.002	6.067	VV	611836	5536010	64.73%	3.393%
55	6.082	6.067	6.104	VV	1477	19559	0.23%	0.012%
56	6.123	6.104	6.159	VV	2138	28859	0.34%	0.018%
57	6.188	6.159	6.214	VV	551	10071	0.12%	0.006%
58	6.254	6.221	6.291	VV	772	17697	0.21%	0.011%
59	6.313	6.291	6.336	VV	847	11027	0.13%	0.007%
60	6.354	6.336	6.365	VV	242	3104	0.04%	0.002%
61	6.376	6.365	6.380	VV	320	2465	0.03%	0.002%
62	6.386	6.380	6.390	VV	310	1827	0.02%	0.001%
63	6.395	6.390	6.412	VV	406	3232	0.04%	0.002%
64	6.417	6.412	6.420	VV	373	1371	0.02%	0.001%
65	6.425	6.420	6.435	VV	398	2883	0.03%	0.002%
66	6.463	6.435	6.491	VV	88121	855459	10.00%	0.524%
67	6.498	6.491	6.513	VV	557	5384	0.06%	0.003%
68	6.521	6.513	6.527	VV	494	3416	0.04%	0.002%
69	6.549	6.527	6.565	VV	1510	18882	0.22%	0.012%

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70	6.582	6.565	6.597	VV	1294	14432	0.17%	0.009%
71	6.613	6.597	6.631	VV	3052	32965	0.39%	0.020%
72	6.648	6.631	6.662	VV	948	11641	0.14%	0.007%
73	6.685	6.662	6.709	VV	1684	20054	0.23%	0.012%
74	6.718	6.709	6.732	VV	350	3687	0.04%	0.002%
75	6.745	6.732	6.761	VV	396	4504	0.05%	0.003%
76	6.788	6.761	6.816	VV	679	12023	0.14%	0.007%
77	6.827	6.816	6.837	VV	709	6520	0.08%	0.004%
78	6.842	6.837	6.859	VV	571	6376	0.07%	0.004%
79	6.863	6.859	6.882	VV	445	3123	0.04%	0.002%
80	6.907	6.882	6.916	VV	1392	15046	0.18%	0.009%
81	6.931	6.916	6.947	VV	7060	66844	0.78%	0.041%
82	6.959	6.947	6.974	VV	2075	25198	0.29%	0.015%
83	6.993	6.974	7.052	VV	12695	155375	1.82%	0.095%
84	7.088	7.052	7.132	VV	583415	5544808	64.84%	3.398%
85	7.134	7.132	7.150	VV	816	6638	0.08%	0.004%
86	7.165	7.150	7.177	VV	660	8139	0.10%	0.005%
87	7.189	7.177	7.206	VV	685	8823	0.10%	0.005%
88	7.222	7.206	7.230	VV	2232	20817	0.24%	0.013%
89	7.246	7.230	7.264	VV	5899	70726	0.83%	0.043%
90	7.279	7.264	7.293	VV	2785	32104	0.38%	0.020%
91	7.304	7.293	7.333	VV	2171	30564	0.36%	0.019%
92	7.354	7.333	7.368	VV	2087	25227	0.29%	0.015%
93	7.383	7.368	7.404	VV	2208	25875	0.30%	0.016%
94	7.426	7.404	7.439	VV	852	12564	0.15%	0.008%
95	7.451	7.439	7.463	VV	1218	13510	0.16%	0.008%
96	7.478	7.463	7.500	VV	1537	17858	0.21%	0.011%
97	7.521	7.500	7.530	VV	292	4120	0.05%	0.003%
98	7.561	7.530	7.578	VV	705	11449	0.13%	0.007%
99	7.611	7.578	7.630	VV	608	12300	0.14%	0.008%
100	7.648	7.630	7.666	VV	2070	24033	0.28%	0.015%
101	7.699	7.666	7.726	VV	500737	4727305	55.28%	2.897%
102	7.730	7.726	7.752	VV	1110	12957	0.15%	0.008%
103	7.767	7.752	7.782	VV	987	11620	0.14%	0.007%
104	7.795	7.782	7.803	VV	830	8679	0.10%	0.005%
105	7.811	7.803	7.834	VV	725	10933	0.13%	0.007%
106	7.840	7.834	7.879	VV	591	11470	0.13%	0.007%
107	7.880	7.879	7.892	VV	397	2053	0.02%	0.001%
108	7.907	7.892	7.935	VV	508	7842	0.09%	0.005%
109	7.952	7.935	7.995	VV	1811	21738	0.25%	0.013%
110	8.007	7.995	8.027	VV	430	5234	0.06%	0.003%
111	8.046	8.027	8.067	VV	546	9921	0.12%	0.006%
112	8.079	8.067	8.101	VV	531	8075	0.09%	0.005%

rteres								
113	8.123	8.101	8.132	VV	577	8637	0.10%	0.005%
114	8.148	8.132	8.153	VV	729	8010	0.09%	0.005%
115	8.159	8.153	8.172	VV	815	7478	0.09%	0.005%
116	8.177	8.172	8.198	VV	547	7065	0.08%	0.004%
117	8.206	8.198	8.226	VV	591	7352	0.09%	0.005%
118	8.256	8.226	8.297	VV	89567	917177	10.72%	0.562%
119	8.314	8.297	8.330	VV	1328	17249	0.20%	0.011%
120	8.370	8.330	8.434	VV	737573	7280150	85.13%	4.461%
121	8.450	8.434	8.472	VV	1139	17266	0.20%	0.011%
122	8.489	8.472	8.514	VV	1296	17348	0.20%	0.011%
123	8.564	8.514	8.591	VV	274757	2674474	31.27%	1.639%
124	8.615	8.591	8.633	VV	1564	31018	0.36%	0.019%
125	8.666	8.633	8.704	VV	684229	6896046	80.64%	4.226%
126	8.716	8.704	8.731	VV	1527	21764	0.25%	0.013%
127	8.743	8.731	8.759	VV	1358	18286	0.21%	0.011%
128	8.766	8.759	8.771	VV	1073	7285	0.09%	0.004%
129	8.790	8.771	8.802	VV	1651	23238	0.27%	0.014%
130	8.810	8.802	8.842	VV	1740	24078	0.28%	0.015%
131	8.857	8.842	8.888	VV	1053	20089	0.23%	0.012%
132	8.913	8.888	8.918	VV	1017	13758	0.16%	0.008%
133	8.933	8.918	8.947	VV	1875	25106	0.29%	0.015%
134	8.976	8.947	9.007	VV	90638	917331	10.73%	0.562%
135	9.009	9.007	9.028	VV	2444	24683	0.29%	0.015%
136	9.033	9.028	9.045	VV	1513	13227	0.15%	0.008%
137	9.058	9.045	9.064	VV	1825	17863	0.21%	0.011%
138	9.095	9.064	9.120	VV	4560	79503	0.93%	0.049%
139	9.126	9.120	9.147	VV	1238	12994	0.15%	0.008%
140	9.163	9.147	9.194	VV	1176	18934	0.22%	0.012%
141	9.213	9.194	9.237	VV	900	12634	0.15%	0.008%
142	9.260	9.237	9.281	VV	723	13152	0.15%	0.008%
143	9.300	9.281	9.334	VV	1071	18973	0.22%	0.012%
144	9.360	9.334	9.370	VV	897	12953	0.15%	0.008%
145	9.379	9.370	9.389	VV	848	7861	0.09%	0.005%
146	9.403	9.389	9.412	VV	694	8185	0.10%	0.005%
147	9.449	9.412	9.487	VV	739019	7849675	91.79%	4.810%
148	9.500	9.487	9.510	VV	620	7177	0.08%	0.004%
149	9.527	9.510	9.560	VV	800	16105	0.19%	0.010%
150	9.580	9.560	9.604	VV	1097	20848	0.24%	0.013%
151	9.621	9.604	9.636	VV	1701	21337	0.25%	0.013%
152	9.656	9.636	9.677	VV	11660	124906	1.46%	0.077%
153	9.690	9.677	9.700	VV	1646	17685	0.21%	0.011%
154	9.719	9.700	9.745	VV	18522	188568	2.20%	0.116%
155	9.769	9.745	9.774	VV	699	10351	0.12%	0.006%

rteres									
156	9.788	9.774	9.807	VV	774	9988	0.12%	0.006%	
157	9.852	9.807	9.904	VV	91092	1004656	11.75%	0.616%	
158	9.928	9.904	9.949	VV	1027	20796	0.24%	0.013%	
159	9.952	9.949	9.979	VV	838	9958	0.12%	0.006%	
160	10.004	9.979	10.016	VV	772	11765	0.14%	0.007%	
161	10.022	10.016	10.036	VV	649	6505	0.08%	0.004%	
162	10.047	10.036	10.067	VV	712	7004	0.08%	0.004%	
163	10.080	10.067	10.096	PV	250	3084	0.04%	0.002%	
164	10.129	10.096	10.149	VV	1144	16127	0.19%	0.010%	
165	10.191	10.149	10.217	VV	1682	37483	0.44%	0.023%	
166	10.244	10.217	10.264	VV	1098	22140	0.26%	0.014%	
167	10.286	10.264	10.299	VV	1246	21410	0.25%	0.013%	
168	10.318	10.299	10.347	VV	1058	25485	0.30%	0.016%	
169	10.371	10.347	10.394	VV	1546	30966	0.36%	0.019%	
170	10.410	10.394	10.424	VV	662	9201	0.11%	0.006%	
171	10.438	10.424	10.450	VV	1351	16503	0.19%	0.010%	
172	10.456	10.450	10.461	VV	1139	6316	0.07%	0.004%	
173	10.464	10.461	10.469	VV	1028	4761	0.06%	0.003%	
174	10.487	10.469	10.508	VV	1645	27644	0.32%	0.017%	
175	10.524	10.508	10.532	VV	1207	12280	0.14%	0.008%	
176	10.537	10.532	10.557	VV	1321	13703	0.16%	0.008%	
177	10.569	10.557	10.579	VV	935	9546	0.11%	0.006%	
178	10.590	10.579	10.604	VV	1076	14016	0.16%	0.009%	
179	10.611	10.604	10.625	VV	1164	12603	0.15%	0.008%	
180	10.645	10.625	10.664	VV	8171	93620	1.09%	0.057%	
181	10.684	10.664	10.697	VV	1537	26128	0.31%	0.016%	
182	10.721	10.697	10.760	VV	2875	56607	0.66%	0.035%	
183	10.767	10.760	10.774	VV	839	5815	0.07%	0.004%	
184	10.809	10.774	10.815	VV	3855	44084	0.52%	0.027%	
185	10.849	10.815	10.887	VV	726621	8108362	94.81%	4.969%	
186	10.925	10.887	10.974	VV	727196	7898985	92.36%	4.841%	
187	10.994	10.974	11.008	VV	1641	25353	0.30%	0.016%	
188	11.016	11.008	11.071	VV	1609	31836	0.37%	0.020%	
189	11.094	11.071	11.109	VV	639	10693	0.13%	0.007%	
190	11.126	11.109	11.152	VV	3914	47218	0.55%	0.029%	
191	11.155	11.152	11.182	VV	708	6569	0.08%	0.004%	
192	11.192	11.182	11.197	VV	382	3022	0.04%	0.002%	
193	11.221	11.197	11.246	VV	698	11538	0.13%	0.007%	
194	11.291	11.246	11.333	PV	91065	1051858	12.30%	0.645%	
195	11.339	11.333	11.344	VV	807	4222	0.05%	0.003%	
196	11.362	11.344	11.397	VV	1602	32504	0.38%	0.020%	
197	11.402	11.397	11.428	VV	406	5781	0.07%	0.004%	
198	11.450	11.428	11.464	VV	816	10401	0.12%	0.006%	
199	11.483	11.464	11.517	VV	1004	14151	0.17%	0.009%	

				rteres				
200	11.542	11.517	11.567	VV	1153	21163	0.25%	0.013%
201	11.611	11.567	11.660	VV	440874	4745950	55.49%	2.908%
202	11.676	11.660	11.692	VV	2053	29085	0.34%	0.018%
203	11.707	11.692	11.724	VV	2018	27718	0.32%	0.017%
204	11.757	11.724	11.804	VV	2217	67588	0.79%	0.041%
205	11.816	11.804	11.860	VV	1392	32127	0.38%	0.020%
206	11.883	11.860	11.909	VV	1800	31281	0.37%	0.019%
207	11.952	11.909	11.974	VV	1507	42744	0.50%	0.026%
208	12.011	11.974	12.031	VV	16798	221373	2.59%	0.136%
209	12.054	12.031	12.095	VV	8532	143945	1.68%	0.088%
210	12.113	12.095	12.145	VV	3938	65058	0.76%	0.040%
211	12.214	12.145	12.318	VV	189549	2525228	29.53%	1.547%
212	12.334	12.318	12.352	VV	966	16492	0.19%	0.010%
213	12.365	12.352	12.381	VV	1060	16308	0.19%	0.010%
214	12.388	12.381	12.409	VV	1007	13456	0.16%	0.008%
215	12.462	12.409	12.516	VV	6992	139537	1.63%	0.086%
216	12.537	12.516	12.564	VV	2948	41876	0.49%	0.026%
217	12.599	12.564	12.626	VV	97422	1144626	13.38%	0.701%
218	12.665	12.626	12.714	VV	687247	8122001	94.97%	4.977%
219	12.729	12.714	12.775	VV	505	13485	0.16%	0.008%
220	12.784	12.775	12.790	VV	366	2760	0.03%	0.002%
221	12.794	12.790	12.807	VV	381	2895	0.03%	0.002%
222	12.841	12.807	12.865	VV	7300	96986	1.13%	0.059%
223	12.876	12.865	12.908	VV	1694	26192	0.31%	0.016%
224	12.964	12.908	12.987	VV	688042	8095426	94.66%	4.961%
225	13.008	12.987	13.019	VV	7052	103262	1.21%	0.063%
226	13.041	13.019	13.070	VV	55915	665841	7.79%	0.408%
227	13.088	13.070	13.094	VV	886	10329	0.12%	0.006%
228	13.100	13.094	13.111	VV	942	8521	0.10%	0.005%
229	13.122	13.111	13.152	VV	1147	18898	0.22%	0.012%
230	13.157	13.152	13.161	VV	505	2479	0.03%	0.002%
231	13.165	13.161	13.175	VV	545	3665	0.04%	0.002%
232	13.208	13.175	13.239	VV	88255	1083877	12.67%	0.664%
233	13.263	13.239	13.389	VV	11413	275273	3.22%	0.169%
234	13.436	13.389	13.522	VV	112103	1416885	16.57%	0.868%
235	13.539	13.522	13.569	VV	2820	48179	0.56%	0.030%
236	13.610	13.569	13.628	VV	1401	33675	0.39%	0.021%
237	13.651	13.628	13.671	VV	2199	38529	0.45%	0.024%
238	13.683	13.671	13.714	VV	1290	25821	0.30%	0.016%
239	13.737	13.714	13.760	VV	1660	30057	0.35%	0.018%
240	13.794	13.760	13.841	VV	86041	1069246	12.50%	0.655%
241	13.855	13.841	13.875	VV	956	14161	0.17%	0.009%
242	13.886	13.875	13.892	VV	458	3370	0.04%	0.002%

rteres									
243	13.916	13.892	13.947	VV	1902	31688	0.37%	0.019%	
244	13.963	13.947	13.984	PV	897	12735	0.15%	0.008%	
245	13.999	13.984	14.027	VV	621	13284	0.16%	0.008%	
246	14.042	14.027	14.052	VV	650	8946	0.10%	0.005%	
247	14.058	14.052	14.085	VV	501	8735	0.10%	0.005%	
248	14.088	14.085	14.108	VV	314	2102	0.02%	0.001%	
249	14.124	14.108	14.144	VV	406	5455	0.06%	0.003%	
250	14.180	14.144	14.200	VV	1828	30037	0.35%	0.018%	
251	14.226	14.200	14.248	VV	1978	37648	0.44%	0.023%	
252	14.269	14.248	14.306	VV	1935	35492	0.42%	0.022%	
253	14.353	14.306	14.382	VV	2021	42613	0.50%	0.026%	
254	14.419	14.382	14.423	VV	825	14561	0.17%	0.009%	
255	14.452	14.423	14.485	VV	2390	52105	0.61%	0.032%	
256	14.515	14.485	14.542	VV	2584	44501	0.52%	0.027%	
257	14.573	14.542	14.600	VV	2917	51991	0.61%	0.032%	
258	14.604	14.600	14.607	VV	982	3673	0.04%	0.002%	
259	14.611	14.607	14.623	VV	939	6865	0.08%	0.004%	
260	14.662	14.623	14.692	VV	1891	45997	0.54%	0.028%	
261	14.700	14.692	14.708	VV	1153	9629	0.11%	0.006%	
262	14.732	14.708	14.759	VV	6512	86072	1.01%	0.053%	
263	14.837	14.759	14.855	VV	574760	7476362	87.42%	4.582%	
264	14.883	14.855	14.970	VV	677898	8552041	100.00%	5.241%	
265	14.989	14.970	15.009	VV	1907	25286	0.30%	0.015%	
266	15.020	15.009	15.038	VV	424	5068	0.06%	0.003%	
267	15.067	15.038	15.100	VV	1474	25683	0.30%	0.016%	
268	15.126	15.100	15.145	VV	780	14551	0.17%	0.009%	
269	15.163	15.145	15.180	VV	631	10247	0.12%	0.006%	
270	15.184	15.180	15.188	VV	449	1719	0.02%	0.001%	
271	15.194	15.188	15.207	VV	577	4835	0.06%	0.003%	
272	15.214	15.207	15.230	VV	424	3890	0.05%	0.002%	
273	15.269	15.230	15.305	VV	16102	254297	2.97%	0.156%	
274	15.321	15.305	15.354	VV	2215	38276	0.45%	0.023%	
275	15.361	15.354	15.383	VV	628	8903	0.10%	0.005%	
276	15.411	15.383	15.452	VV	3674	83997	0.98%	0.051%	
277	15.493	15.452	15.514	VV	2393	44345	0.52%	0.027%	
278	15.535	15.514	15.562	VV	1159	18546	0.22%	0.011%	
279	15.578	15.562	15.595	VV	772	11997	0.14%	0.007%	
280	15.627	15.595	15.649	VV	2940	47912	0.56%	0.029%	
281	15.656	15.649	15.684	VV	1222	18172	0.21%	0.011%	
282	15.689	15.684	15.692	VV	408	1816	0.02%	0.001%	
283	15.735	15.692	15.756	VV	1210	29737	0.35%	0.018%	
284	15.787	15.756	15.813	VV	1358	29807	0.35%	0.018%	
285	15.817	15.813	15.830	VV	735	5464	0.06%	0.003%	

rteres									
286	15.846	15.830	15.858	VV	767	10568	0.12%	0.006%	
287	15.874	15.858	15.883	VV	924	11769	0.14%	0.007%	
288	15.915	15.883	15.951	VV	77370	992585	11.61%	0.608%	
289	15.975	15.951	16.013	VV	1133	21442	0.25%	0.013%	
290	16.028	16.013	16.044	VV	401	4335	0.05%	0.003%	
291	16.061	16.053	16.068	PV	265	1220	0.01%	0.001%	
292	16.110	16.068	16.147	VV	1368	24030	0.28%	0.015%	
293	16.167	16.147	16.181	PV	427	4462	0.05%	0.003%	
294	16.205	16.181	16.210	VV	478	5060	0.06%	0.003%	
295	16.218	16.210	16.232	VV	492	4166	0.05%	0.003%	
296	16.283	16.245	16.339	VV	8137	134852	1.58%	0.083%	
297	16.390	16.339	16.405	VV	480532	7104776	83.08%	4.354%	
298	16.427	16.405	16.450	VV	576422	6961713	81.40%	4.266%	
299	16.475	16.450	16.494	VV	1958	34511	0.40%	0.021%	
300	16.514	16.494	16.546	VV	1298	24630	0.29%	0.015%	
301	16.556	16.546	16.561	VV	954	5666	0.07%	0.003%	
302	16.564	16.561	16.577	VV	804	6124	0.07%	0.004%	
303	16.598	16.577	16.612	VV	1562	23006	0.27%	0.014%	
304	16.628	16.612	16.654	VV	4074	54763	0.64%	0.034%	
305	16.698	16.654	16.724	VV	5515	89750	1.05%	0.055%	
306	16.772	16.724	16.806	VV	505859	6846585	80.06%	4.196%	
307	16.860	16.806	16.890	VV	76046	1013432	11.85%	0.621%	
308	16.911	16.890	16.930	VV	5193	75005	0.88%	0.046%	
309	16.934	16.930	16.967	VV	1843	22311	0.26%	0.014%	
310	16.996	16.967	17.002	VV	566	10259	0.12%	0.006%	
311	17.006	17.002	17.039	VV	520	7805	0.09%	0.005%	
312	17.057	17.049	17.070	VV	257	2314	0.03%	0.001%	
313	17.124	17.078	17.170	VV	730	20380	0.24%	0.012%	
314	17.223	17.191	17.273	PV	4057	76436	0.89%	0.047%	
315	17.280	17.273	17.287	VV	811	5465	0.06%	0.003%	
316	17.311	17.287	17.333	VV	3656	54828	0.64%	0.034%	
317	17.350	17.333	17.377	VV	1240	20597	0.24%	0.013%	
318	17.401	17.377	17.440	VV	930	17817	0.21%	0.011%	
319	17.461	17.440	17.467	PV	389	3743	0.04%	0.002%	
320	17.482	17.467	17.502	VV	500	7351	0.09%	0.005%	
321	17.508	17.502	17.511	VV	299	1028	0.01%	0.001%	
322	17.534	17.511	17.551	VV	535	8896	0.10%	0.005%	
323	17.559	17.551	17.581	VV	499	5908	0.07%	0.004%	
324	17.605	17.581	17.622	VV	633	12145	0.14%	0.007%	
325	17.639	17.622	17.659	VV	1332	20223	0.24%	0.012%	
326	17.672	17.659	17.690	VV	1016	15897	0.19%	0.010%	
327	17.747	17.690	17.790	VV	70727	987481	11.55%	0.605%	
328	17.834	17.790	17.861	VV	2768	62679	0.73%	0.038%	
329	17.915	17.861	17.929	VV	1098	27704	0.32%	0.017%	

				rters				
330	17.955	17.929	18.005	VV	14681	230188	2.69%	0.141%
331	18.032	18.005	18.062	PV	1609	28847	0.34%	0.018%
332	18.140	18.062	18.153	VV	465598	7528618	88.03%	4.614%
333	18.178	18.153	18.230	VV	494056	6682468	78.14%	4.095%
334	18.260	18.230	18.267	VV	2004	23628	0.28%	0.014%
335	18.284	18.267	18.322	VV	3018	53845	0.63%	0.033%
336	18.325	18.322	18.340	VV	387	2116	0.02%	0.001%
337	18.396	18.340	18.440	PV	429073	6384237	74.65%	3.912%
338	18.445	18.440	18.451	VV	411	2324	0.03%	0.001%
339	18.457	18.451	18.470	VV	426	2964	0.03%	0.002%
				Sum of corrected areas:		163182708		

Aromatic EPH 090425.M Mon Sep 29 00:58:46 2025

Manual Integration Report

Sequence:

FC092325AL

Instrument

FID_c

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:

FC092625AL

Instrument

FID_c

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	FD090425AR	Instrument	FID_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
100 PPM AROMATIC HC	FD049718.D	Bnezo[k]fluoranthene (C30.14)	yogesh	9/5/2025 7:31:48 AM	mohammad	9/8/2025 4:38:38	Peak Integrated by Software

Manual Integration Report

Sequence:

FD092625AR

Instrument

FID_d

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:

FD100125AR

Instrument

FID_d

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:

FF092425AR

Instrument

FID_f

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:

FF092525AR

Instrument

FID_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3178-01MS	FF016457.D	Bnezo[k]fluoranthene (C30.14)	yogesh	9/26/2025 7:34:27 AM	Sohil	9/26/2025 3:57:22	Peak Integrated by Software
Q3178-01MS	FF016457.D	Dibenz[a,h]anthracene (C30.36)	yogesh	9/26/2025 7:34:27 AM	Sohil	9/26/2025 3:57:22	Peak Integrated by Software
Q3178-01MSD	FF016458.D	Bnezo[k]fluoranthene (C30.14)	yogesh	9/26/2025 7:34:29 AM	Sohil	9/26/2025 3:57:25	Peak Integrated by Software
Q3178-01MSD	FF016458.D	Dibenz[a,h]anthracene (C30.36)	yogesh	9/26/2025 7:34:29 AM	Sohil	9/26/2025 3:57:25	Peak Integrated by Software

Manual Integration Report

Sequence:

FG092425AL

Instrument

FID_g

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	FG092525AL	Instrument	FID_g
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3192-02	FG016649.D	1-chlorooctadecane (SURR)	yogesh	9/26/2025 7:34:06 AM	mohammad	9/30/2025 1:27:37	Peak Integrated by Software
20 PPM ALIPHATIC HC	FG016658.D	n-Hexatriacontane (C36)	yogesh	9/29/2025 4:10:46 PM	mohammad	9/30/2025 1:27:37	Peak Integrated by Software
20 PPM ALIPHATIC HC	FG016658.D	n-Octatriacontane (C38)	yogesh	9/29/2025 4:10:46 PM	mohammad	9/30/2025 1:27:37	Peak Integrated by Software
20 PPM ALIPHATIC HC	FG016658.D	n-Tetracontane (C40)	yogesh	9/29/2025 4:10:46 PM	mohammad	9/30/2025 1:27:37	Peak Integrated by Software
20 PPM ALIPHATIC HC	FG016658.D	n-Tetratriacontane (C34)	yogesh	9/29/2025 4:10:46 PM	mohammad	9/30/2025 1:27:37	Peak Integrated by Software
Q3178-02	FG016660.D	n-Hexatriacontane (C36)	yogesh	10/2/2025 1:06:41 PM	Sohil	10/2/2025 1:07:19	Peak Integrated by Software
Q3178-02	FG016660.D	n-Tetratriacontane (C34)	yogesh	10/2/2025 1:06:41 PM	Sohil	10/2/2025 1:07:19	Peak Integrated by Software
Q3178-03	FG016661.D	n-Hexatriacontane (C36)	yogesh	10/2/2025 1:06:42 PM	Sohil	10/2/2025 1:07:22	Peak Integrated by Software
Q3178-03	FG016661.D	n-Tetratriacontane (C34)	yogesh	10/2/2025 1:06:42 PM	Sohil	10/2/2025 1:07:22	Peak Integrated by Software
20 PPM ALIPHATIC HC	FG016663.D	n-Hexatriacontane (C36)	yogesh	9/29/2025 4:10:51 PM	mohammad	9/30/2025 1:27:37	Peak Integrated by Software
20 PPM ALIPHATIC HC	FG016663.D	n-Tetratriacontane (C34)	yogesh	9/29/2025 4:10:51 PM	mohammad	9/30/2025 1:27:37	Peak Integrated by Software

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC092325AL

Review By	yogesh	Review On	9/23/2025 12:34:12 PM
Supervise By	mohammad	Supervise On	9/25/2025 2:25:00 AM
SubDirectory	FC092325AL	HP Acquire Method	HP Processing Method FC092325AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069823.D	23 Sep 2025 09:03	YP/AJ	Ok
2	I.BLK	FC069824.D	23 Sep 2025 09:47	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC069825.D	23 Sep 2025 10:31	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC069826.D	23 Sep 2025 11:16	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC069827.D	23 Sep 2025 12:02	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC069828.D	23 Sep 2025 12:47	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC069829.D	23 Sep 2025 13:33	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC069830.D	23 Sep 2025 14:19	YP/AJ	Ok
9	I.BLK	FC069831.D	23 Sep 2025 15:05	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC069832.D	23 Sep 2025 15:53	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC092625AL

Review By	yogesh	Review On	9/26/2025 10:12:39 AM
Supervise By	mohammad	Supervise On	9/30/2025 1:28:00 AM
SubDirectory	FC092625AL	HP Acquire Method	HP Processing Method FC092325AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069851.D	26 Sep 2025 07:44	YP/AJ	Ok
2	I.BLK	FC069852.D	26 Sep 2025 08:26	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC069853.D	26 Sep 2025 09:09	YP/AJ	Ok
4	PB169823BL	FC069854.D	26 Sep 2025 10:37	YP/AJ	Ok
5	PB169823BS	FC069855.D	26 Sep 2025 13:39	YP/AJ	Ok
6	PB169823BSD	FC069856.D	26 Sep 2025 14:25	YP/AJ	Ok
7	I.BLK	FC069857.D	26 Sep 2025 15:17	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD	FC069858.D	26 Sep 2025 16:04	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD090425AR

Review By	yogesh	Review On	9/4/2025 10:41:46 AM
Supervise By	mohammad	Supervise On	9/8/2025 4:38:38 AM
SubDirectory	FD090425AR	HP Acquire Method	HP Processing Method FD090425AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24500,PP24502,PP24503,PP24504,PP24505		
CCC Internal Standard/PEM	PP24503		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24501,PP24506		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FD049716.D	04 Sep 2025 08:15	YP/AJ	Ok
2	I.BLK	FD049717.D	04 Sep 2025 08:55	YP/AJ	Ok
3	100 PPM AROMATIC HC STD1	FD049718.D	04 Sep 2025 09:36	YP/AJ	Ok,M
4	50 PPM AROMATIC HC STD2	FD049719.D	04 Sep 2025 10:16	YP/AJ	Ok
5	20 PPM AROMATIC HC STD3	FD049720.D	04 Sep 2025 10:56	YP/AJ	Ok
6	10 PPM AROMATIC HC STD4	FD049721.D	04 Sep 2025 11:38	YP/AJ	Ok
7	5 PPM AROMATIC HC STD5	FD049722.D	04 Sep 2025 12:19	YP/AJ	Ok
8	20 PPM AROMATIC HC STD ICV	FD049723.D	04 Sep 2025 13:00	YP/AJ	Ok
9	I.BLK	FD049724.D	04 Sep 2025 14:24	YP/AJ	Ok
10	20 PPM AROMATIC HC STD	FD049725.D	04 Sep 2025 15:08	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD092625AR

Review By	yogesh	Review On	9/26/2025 10:13:31 AM
Supervise By	mohammad	Supervise On	9/30/2025 1:28:06 AM
SubDirectory	FD092625AR	HP Acquire Method	HP Processing Method FD090425AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24500,PP24502,PP24503,PP24504,PP24505		
CCC	PP24503		
Internal Standard/PEM			
ICV/I.BLK	PP24501,PP24506		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FD049763.D	26 Sep 2025 07:44	YP/AJ	Ok
2	I.BLK	FD049764.D	26 Sep 2025 08:26	YP/AJ	Ok
3	20 PPM AROMATIC HC STD	FD049765.D	26 Sep 2025 09:09	YP/AJ	Ok
4	Q3178-01	FD049766.D	26 Sep 2025 09:52	YP/AJ	Ok
5	Q3178-01D	FD049767.D	26 Sep 2025 10:37	YP/AJ	Ok
6	Q3178-02	FD049768.D	26 Sep 2025 11:22	YP/AJ	Ok
7	Q3178-03	FD049769.D	26 Sep 2025 12:07	YP/AJ	Ok
8	I.BLK	FD049770.D	26 Sep 2025 12:53	YP/AJ	Ok
9	20 PPM AROMATIC HC STD	FD049771.D	26 Sep 2025 13:39	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD100125AR

Review By	yogesh	Review On	10/1/2025 3:38:16 PM
Supervise By	Sohil	Supervise On	10/2/2025 1:04:55 PM
SubDirectory	FD100125AR	HP Acquire Method	HP Processing Method FD090425AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24500,PP24502,PP24503,PP24504,PP24505		
CCC Internal Standard/PEM	PP24503		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24501,PP24506		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FD049781.D	01 Oct 2025 08:17	YP/AJ	Ok
2	I.BLK	FD049782.D	01 Oct 2025 08:58	YP/AJ	Ok
3	20 PPM AROMATIC HC STD	FD049783.D	01 Oct 2025 09:40	YP/AJ	Ok
4	PB169823BS	FD049784.D	01 Oct 2025 14:56	YP/AJ	Ok
5	PB169823BL	FD049785.D	01 Oct 2025 15:40	YP/AJ	Ok
6	PB169823BSD	FD049786.D	01 Oct 2025 16:25	YP/AJ	Ok
7	I.BLK	FD049787.D	01 Oct 2025 17:10	YP/AJ	Ok
8	20 PPM AROMATIC HC STD	FD049788.D	01 Oct 2025 17:54	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF092425AR

Review By	yogesh	Review On	9/24/2025 12:57:21 PM
Supervise By	mohammad	Supervise On	9/26/2025 4:25:38 AM
SubDirectory	FF092425AR	HP Acquire Method	HP Processing Method FF092425AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24500,PP24502,PP24503,PP24504,PP24505		
CCC	PP24503		
Internal Standard/PEM	PP24501,PP24506		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016429.D	24 Sep 2025 13:00	YP\AJ	Ok
2	I.BLK	FF016430.D	24 Sep 2025 13:30	YP\AJ	Ok
3	100 PPM AROMATIC HC STD1	FF016431.D	24 Sep 2025 13:59	YP\AJ	Ok
4	50 PPM AROMATIC HC STD2	FF016432.D	24 Sep 2025 14:29	YP\AJ	Ok
5	20 PPM AROMATIC HC STD3	FF016433.D	24 Sep 2025 14:59	YP\AJ	Ok
6	10 PPM AROMATIC HC STD4	FF016434.D	24 Sep 2025 15:28	YP\AJ	Ok
7	5 PPM AROMATIC HC STD5	FF016435.D	24 Sep 2025 15:58	YP\AJ	Ok
8	20 PPM AROMATIC HC STD ICV	FF016436.D	24 Sep 2025 16:28	YP\AJ	Ok
9	I.BLK	FF016437.D	24 Sep 2025 17:27	YP\AJ	Ok
10	20 PPM AROMATIC HC STD	FF016438.D	24 Sep 2025 17:57	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF092525AR

Review By	yogesh	Review On	9/25/2025 2:53:23 PM
Supervise By	Sohil	Supervise On	9/26/2025 3:57:30 PM
SubDirectory	FF092525AR	HP Acquire Method	HP Processing Method FF092425AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24500,PP24502,PP24503,PP24504,PP24505		
CCC Internal Standard/PEM	PP24503		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24501,PP24506		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016449.D	25 Sep 2025 13:49	YP\AJ	Ok
2	I.BLK	FF016450.D	25 Sep 2025 14:19	YP\AJ	Ok
3	20 PPM AROMATIC HC STD	FF016451.D	25 Sep 2025 14:49	YP\AJ	Ok
4	Q3192-01	FF016452.D	25 Sep 2025 15:50	YP\AJ	Ok
5	Q3192-02	FF016453.D	25 Sep 2025 16:20	YP\AJ	Ok
6	Q3176-01	FF016454.D	25 Sep 2025 16:52	YP\AJ	Ok
7	Q3178-01	FF016455.D	25 Sep 2025 17:22	YP\AJ	ReRun
8	Q3178-01D	FF016456.D	25 Sep 2025 17:52	YP\AJ	ReRun
9	Q3178-01MS	FF016457.D	25 Sep 2025 18:22	YP\AJ	Not Ok
10	Q3178-01MSD	FF016458.D	25 Sep 2025 18:52	YP\AJ	Not Ok
11	PB169823BL	FF016459.D	25 Sep 2025 19:22	YP\AJ	Not Ok
12	PB169823BS	FF016460.D	25 Sep 2025 19:52	YP\AJ	Not Ok
13	I.BLK	FF016461.D	26 Sep 2025 07:41	YP\AJ	Ok
14	20 PPM AROMATIC HC STD	FF016462.D	26 Sep 2025 08:42	YP\AJ	Ok
15	Q3176-02	FF016463.D	26 Sep 2025 09:11	YP\AJ	Ok
16	Q3176-03	FF016464.D	26 Sep 2025 09:41	YP\AJ	Ok
17	I.BLK	FF016465.D	26 Sep 2025 10:10	YP\AJ	Ok
18	20 PPM AROMATIC HC STD	FF016466.D	26 Sep 2025 10:40	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG092425AL

Review By	yogesh	Review On	9/24/2025 1:00:45 PM
Supervise By	mohammad	Supervise On	9/26/2025 4:25:56 AM
SubDirectory	FG092425AL	HP Acquire Method	HP Processing Method FG092425AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM			
ICV/I.BLK	PP24769,PP24774		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016625.D	24 Sep 2025 13:00	YP\AJ	Ok
2	I.BLK	FG016626.D	24 Sep 2025 13:30	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FG016627.D	24 Sep 2025 13:59	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FG016628.D	24 Sep 2025 14:29	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FG016629.D	24 Sep 2025 14:59	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FG016630.D	24 Sep 2025 15:28	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FG016631.D	24 Sep 2025 15:58	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FG016632.D	24 Sep 2025 16:28	YP\AJ	Ok
9	I.BLK	FG016633.D	24 Sep 2025 17:27	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FG016634.D	24 Sep 2025 17:57	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG092525AL

Review By	yogesh	Review On	9/25/2025 2:52:00 PM
Supervise By	Sohil	Supervise On	10/2/2025 1:07:29 PM
SubDirectory	FG092525AL	HP Acquire Method	HP Processing Method FG092425AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016645.D	25 Sep 2025 14:19	YP\AJ	Ok
2	I.BLK	FG016646.D	25 Sep 2025 14:49	YP\AJ	Ok
3	20 PPM ALIPHATIC HCSTD	FG016647.D	25 Sep 2025 15:19	YP\AJ	Ok
4	Q3192-01	FG016648.D	25 Sep 2025 15:50	YP\AJ	Dilution
5	Q3192-02	FG016649.D	25 Sep 2025 16:20	YP\AJ	Dilution
6	Q3192-01DL	FG016650.D	25 Sep 2025 16:52	YP\AJ	Ok
7	Q3192-02DL	FG016651.D	25 Sep 2025 17:22	YP\AJ	Not Ok
8	Q3192-02DL	FG016652.D	25 Sep 2025 17:52	YP\AJ	Ok
9	Q3176-01	FG016653.D	25 Sep 2025 18:22	YP\AJ	Ok
10	Q3176-02	FG016654.D	25 Sep 2025 18:52	YP\AJ	Ok
11	Q3176-03	FG016655.D	25 Sep 2025 19:22	YP\AJ	Ok
12	Q3178-01	FG016656.D	25 Sep 2025 19:52	YP\AJ	Ok
13	I.BLK	FG016657.D	26 Sep 2025 07:41	YP\AJ	Ok
14	20 PPM ALIPHATIC HC STD	FG016658.D	26 Sep 2025 08:42	YP\AJ	Ok,M
15	Q3178-01D	FG016659.D	26 Sep 2025 09:11	YP\AJ	Ok
16	Q3178-02	FG016660.D	26 Sep 2025 09:41	YP\AJ	Ok,M
17	Q3178-03	FG016661.D	26 Sep 2025 10:10	YP\AJ	Ok,M
18	I.BLK	FG016662.D	26 Sep 2025 10:40	YP\AJ	Ok
19	20 PPM ALIPHATIC HC STD	FG016663.D	26 Sep 2025 11:10	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC092325AL

Review By	yogesh	Review On	9/23/2025 12:34:12 PM
Supervise By	mohammad	Supervise On	9/25/2025 2:25:00 AM
SubDirectory	FC092325AL	HP Acquire Method	HP Processing Method FC092325AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM	PP24769,PP24774		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069823.D	23 Sep 2025 09:03		YP/AJ	Ok
2	I.BLK	I.BLK	FC069824.D	23 Sep 2025 09:47		YP/AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FC069825.D	23 Sep 2025 10:31		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC069826.D	23 Sep 2025 11:16		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069827.D	23 Sep 2025 12:02		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC069828.D	23 Sep 2025 12:47		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC069829.D	23 Sep 2025 13:33		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069830.D	23 Sep 2025 14:19		YP/AJ	Ok
9	I.BLK	I.BLK	FC069831.D	23 Sep 2025 15:05		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069832.D	23 Sep 2025 15:53		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC092625AL

Review By	yogesh	Review On	9/26/2025 10:12:39 AM
Supervise By	mohammad	Supervise On	9/30/2025 1:28:00 AM
SubDirectory	FC092625AL	HP Acquire Method	HP Processing Method FC092325AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM			
ICV/I.BLK	PP24769,PP24774		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069851.D	26 Sep 2025 07:44		YP/AJ	Ok
2	I.BLK	I.BLK	FC069852.D	26 Sep 2025 08:26		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069853.D	26 Sep 2025 09:09		YP/AJ	Ok
4	PB169823BL	PB169823BL	FC069854.D	26 Sep 2025 10:37		YP/AJ	Ok
5	PB169823BS	PB169823BS	FC069855.D	26 Sep 2025 13:39		YP/AJ	Ok
6	PB169823BSD	PB169823BSD	FC069856.D	26 Sep 2025 14:25		YP/AJ	Ok
7	I.BLK	I.BLK	FC069857.D	26 Sep 2025 15:17		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069858.D	26 Sep 2025 16:04		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD090425AR

Review By	yogesh	Review On	9/4/2025 10:41:46 AM
Supervise By	mohammad	Supervise On	9/8/2025 4:38:38 AM
SubDirectory	FD090425AR	HP Acquire Method	HP Processing Method FD090425AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24500,PP24502,PP24503,PP24504,PP24505		
CCC	PP24503		
Internal Standard/PEM	PP24501,PP24506		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FD049716.D	04 Sep 2025 08:15		YP/AJ	Ok
2	I.BLK	I.BLK	FD049717.D	04 Sep 2025 08:55		YP/AJ	Ok
3	100 PPM AROMATIC HC	100 PPM AROMATIC HC	FD049718.D	04 Sep 2025 09:36		YP/AJ	Ok,M
4	50 PPM AROMATIC HC	50 PPM AROMATIC HC	FD049719.D	04 Sep 2025 10:16		YP/AJ	Ok
5	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049720.D	04 Sep 2025 10:56		YP/AJ	Ok
6	10 PPM AROMATIC HC	10 PPM AROMATIC HC	FD049721.D	04 Sep 2025 11:38		YP/AJ	Ok
7	5 PPM AROMATIC HC	5 PPM AROMATIC HC	FD049722.D	04 Sep 2025 12:19		YP/AJ	Ok
8	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049723.D	04 Sep 2025 13:00		YP/AJ	Ok
9	I.BLK	I.BLK	FD049724.D	04 Sep 2025 14:24		YP/AJ	Ok
10	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049725.D	04 Sep 2025 15:08		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD092625AR

Review By	yogesh	Review On	9/26/2025 10:13:31 AM
Supervise By	mohammad	Supervise On	9/30/2025 1:28:06 AM
SubDirectory	FD092625AR	HP Acquire Method	HP Processing Method FD090425AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24500,PP24502,PP24503,PP24504,PP24505		
CCC	PP24503		
Internal Standard/PEM	PP24501,PP24506		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FD049763.D	26 Sep 2025 07:44		YP/AJ	Ok
2	I.BLK	I.BLK	FD049764.D	26 Sep 2025 08:26		YP/AJ	Ok
3	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049765.D	26 Sep 2025 09:09		YP/AJ	Ok
4	Q3178-01	EME-TS14-01	FD049766.D	26 Sep 2025 09:52		YP/AJ	Ok
5	Q3178-01D	Q3178-01D	FD049767.D	26 Sep 2025 10:37		YP/AJ	Ok
6	Q3178-02	Q3178-02	FD049768.D	26 Sep 2025 11:22	FD049766.D	YP/AJ	Ok
7	Q3178-03	Q3178-03	FD049769.D	26 Sep 2025 12:07	FD049766.D!FD049768.D	YP/AJ	Ok
8	I.BLK	I.BLK	FD049770.D	26 Sep 2025 12:53		YP/AJ	Ok
9	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049771.D	26 Sep 2025 13:39		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD100125AR

Review By	yogesh	Review On	10/1/2025 3:38:16 PM
Supervise By	Sohil	Supervise On	10/2/2025 1:04:55 PM
SubDirectory	FD100125AR	HP Acquire Method	HP Processing Method FD090425AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24500,PP24502,PP24503,PP24504,PP24505		
CCC	PP24503		
Internal Standard/PEM	PP24501,PP24506		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FD049781.D	01 Oct 2025 08:17		YP/AJ	Ok
2	I.BLK	I.BLK	FD049782.D	01 Oct 2025 08:58		YP/AJ	Ok
3	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049783.D	01 Oct 2025 09:40		YP/AJ	Ok
4	PB169823BS	PB169823BS	FD049784.D	01 Oct 2025 14:56		YP/AJ	Ok
5	PB169823BL	PB169823BL	FD049785.D	01 Oct 2025 15:40		YP/AJ	Ok
6	PB169823BSD	PB169823BSD	FD049786.D	01 Oct 2025 16:25		YP/AJ	Ok
7	I.BLK	I.BLK	FD049787.D	01 Oct 2025 17:10		YP/AJ	Ok
8	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049788.D	01 Oct 2025 17:54		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF092425AR

Review By	yogesh	Review On	9/24/2025 12:57:21 PM
Supervise By	mohammad	Supervise On	9/26/2025 4:25:38 AM
SubDirectory	FF092425AR	HP Acquire Method	HP Processing Method FF092425AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24500,PP24502,PP24503,PP24504,PP24505		
CCC	PP24503		
Internal Standard/PEM	PP24501,PP24506		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FF016429.D	24 Sep 2025 13:00		YP\AJ	Ok
2	I.BLK	I.BLK	FF016430.D	24 Sep 2025 13:30		YP\AJ	Ok
3	100 PPM AROMATIC HC	100 PPM AROMATIC HC	FF016431.D	24 Sep 2025 13:59		YP\AJ	Ok
4	50 PPM AROMATIC HC	50 PPM AROMATIC HC	FF016432.D	24 Sep 2025 14:29		YP\AJ	Ok
5	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016433.D	24 Sep 2025 14:59		YP\AJ	Ok
6	10 PPM AROMATIC HC	10 PPM AROMATIC HC	FF016434.D	24 Sep 2025 15:28		YP\AJ	Ok
7	5 PPM AROMATIC HC	5 PPM AROMATIC HC	FF016435.D	24 Sep 2025 15:58		YP\AJ	Ok
8	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016436.D	24 Sep 2025 16:28		YP\AJ	Ok
9	I.BLK	I.BLK	FF016437.D	24 Sep 2025 17:27		YP\AJ	Ok
10	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016438.D	24 Sep 2025 17:57		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF092525AR

Review By	yogesh	Review On	9/25/2025 2:53:23 PM
Supervise By	Sohil	Supervise On	9/26/2025 3:57:30 PM
SubDirectory	FF092525AR	HP Acquire Method	HP Processing Method FF092425AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24500,PP24502,PP24503,PP24504,PP24505		
CCC	PP24503		
Internal Standard/PEM	PP24501,PP24506		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FF016449.D	25 Sep 2025 13:49		YP\AJ	Ok
2	I.BLK	I.BLK	FF016450.D	25 Sep 2025 14:19		YP\AJ	Ok
3	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016451.D	25 Sep 2025 14:49		YP\AJ	Ok
4	Q3192-01	RB104	FF016452.D	25 Sep 2025 15:50		YP\AJ	Ok
5	Q3192-02	RB105	FF016453.D	25 Sep 2025 16:20		YP\AJ	Ok
6	Q3176-01	EME-TS12-01	FF016454.D	25 Sep 2025 16:52		YP\AJ	Ok
7	Q3178-01	EME-TS14-01	FF016455.D	25 Sep 2025 17:22	Surrogate fail	YP\AJ	ReRun
8	Q3178-01D	Q3178-01D	FF016456.D	25 Sep 2025 17:52	Surrogate fail	YP\AJ	ReRun
9	Q3178-01MS	Q3178-01MS	FF016457.D	25 Sep 2025 18:22	FF016455.D,MSD not ok	YP\AJ	Not Ok
10	Q3178-01MSD	Q3178-01MSD	FF016458.D	25 Sep 2025 18:52	FF016455.D!FF016457.D,Surrogate fail	YP\AJ	Not Ok
11	PB169823BL	PB169823BL	FF016459.D	25 Sep 2025 19:22	Surrogate fail	YP\AJ	Not Ok
12	PB169823BS	PB169823BS	FF016460.D	25 Sep 2025 19:52	Recovery fail	YP\AJ	Not Ok
13	I.BLK	I.BLK	FF016461.D	26 Sep 2025 07:41		YP\AJ	Ok
14	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016462.D	26 Sep 2025 08:42		YP\AJ	Ok
15	Q3176-02	EME-TS13-01	FF016463.D	26 Sep 2025 09:11		YP\AJ	Ok
16	Q3176-03	EME-TS14-02	FF016464.D	26 Sep 2025 09:41		YP\AJ	Ok
17	I.BLK	I.BLK	FF016465.D	26 Sep 2025 10:10		YP\AJ	Ok

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF092525AR

Review By	yogesh	Review On	9/25/2025 2:53:23 PM				
Supervise By	Sohil	Supervise On	9/26/2025 3:57:30 PM				
SubDirectory	FF092525AR	HP Acquire Method		HP Processing Method	FF092425AR		
STD. NAME	STD REF.#						
Tune/Reschk Initial Calibration Stds	PP24500,PP24502,PP24503,PP24504,PP24505						
CCC	PP24503						
Internal Standard/PEM							
ICV/I.BLK	PP24501,PP24506						
Surrogate Standard							
MS/MSD Standard							
LCS Standard							
18	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016466.D	26 Sep 2025 10:40		YP\AJ	Ok

M : Manual Integration

A

B

C

D

E

F

G

H

I

J

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG092425AL

Review By	yogesh	Review On	9/24/2025 1:00:45 PM
Supervise By	mohammad	Supervise On	9/26/2025 4:25:56 AM
SubDirectory	FG092425AL	HP Acquire Method	HP Processing Method FG092425AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM	PP24769,PP24774		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FG016625.D	24 Sep 2025 13:00		YP\AJ	Ok
2	I.BLK	I.BLK	FG016626.D	24 Sep 2025 13:30		YP\AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FG016627.D	24 Sep 2025 13:59		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FG016628.D	24 Sep 2025 14:29		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016629.D	24 Sep 2025 14:59		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FG016630.D	24 Sep 2025 15:28		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FG016631.D	24 Sep 2025 15:58		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016632.D	24 Sep 2025 16:28		YP\AJ	Ok
9	I.BLK	I.BLK	FG016633.D	24 Sep 2025 17:27		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016634.D	24 Sep 2025 17:57		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG092525AL

Review By	yogesh	Review On	9/25/2025 2:52:00 PM
Supervise By	Sohil	Supervise On	10/2/2025 1:07:29 PM
SubDirectory	FG092525AL	HP Acquire Method	HP Processing Method FG092425AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM	PP24769,PP24774		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FG016645.D	25 Sep 2025 14:19		YP\AJ	Ok
2	I.BLK	I.BLK	FG016646.D	25 Sep 2025 14:49		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016647.D	25 Sep 2025 15:19		YP\AJ	Ok
4	Q3192-01	RB104	FG016648.D	25 Sep 2025 15:50	Need dilution	YP\AJ	Dilution
5	Q3192-02	RB105	FG016649.D	25 Sep 2025 16:20	Need dilution	YP\AJ	Dilution
6	Q3192-01DL	RB104DL	FG016650.D	25 Sep 2025 16:52		YP\AJ	Ok
7	Q3192-02DL	RB105DL	FG016651.D	25 Sep 2025 17:22	Need more dilution	YP\AJ	Not Ok
8	Q3192-02DL	RB105DL	FG016652.D	25 Sep 2025 17:52		YP\AJ	Ok
9	Q3176-01	EME-TS12-01	FG016653.D	25 Sep 2025 18:22		YP\AJ	Ok
10	Q3176-02	EME-TS13-01	FG016654.D	25 Sep 2025 18:52		YP\AJ	Ok
11	Q3176-03	EME-TS14-02	FG016655.D	25 Sep 2025 19:22		YP\AJ	Ok
12	Q3178-01	EME-TS14-01	FG016656.D	25 Sep 2025 19:52		YP\AJ	Ok
13	I.BLK	I.BLK	FG016657.D	26 Sep 2025 07:41		YP\AJ	Ok
14	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016658.D	26 Sep 2025 08:42		YP\AJ	Ok,M
15	Q3178-01D	Q3178-01D	FG016659.D	26 Sep 2025 09:11		YP\AJ	Ok
16	Q3178-02	Q3178-02	FG016660.D	26 Sep 2025 09:41	FG016656.D	YP\AJ	Ok,M
17	Q3178-03	Q3178-03	FG016661.D	26 Sep 2025 10:10	FG016656.D\FG016660.D	YP\AJ	Ok,M
18	I.BLK	I.BLK	FG016662.D	26 Sep 2025 10:40		YP\AJ	Ok

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG092525AL

Review By	yogesh	Review On	9/25/2025 2:52:00 PM
Supervise By	Sohil	Supervise On	10/2/2025 1:07:29 PM
SubDirectory	FG092525AL	HP Acquire Method	HP Processing Method FG092425AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM			
ICV/I.BLK	PP24769,PP24774		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016663.D	26 Sep 2025 11:10		YP\AJ	Ok,M
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M : Manual Integration

A

B

C

D

E

F

G

H

I

J

SOP ID: MNJDEP-EPH-8

Clean Up SOP #: N/A **Extraction Start Date :** 09/25/2025

Matrix : Solid **Extraction Start Time :** 08:15

Weigh By: EH **Extraction By:** RJ **Extraction End Date :** 09/25/2025

Balance check: EH **Filter By:** RJ **Extraction End Time :** 14:45

Balance ID: EX-SC-2 **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: N/A **Hood ID:** 3,7 **Supervisor By :** ritesh

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	100 PPM	PP24918
Surrogate	1.0ML	100 PPM	PP24866
Fractionation Surrogate	1.0ML	100 PPM	PP24915
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	EP2641
Baked Na2SO4	N/A	EP2639
Sand	N/A	E3951
Hexane	N/A	E3971
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:

1.5ML Vial Lot # 2210443.

KD Bath ID: N/A **Envap ID:** NEVAP-02

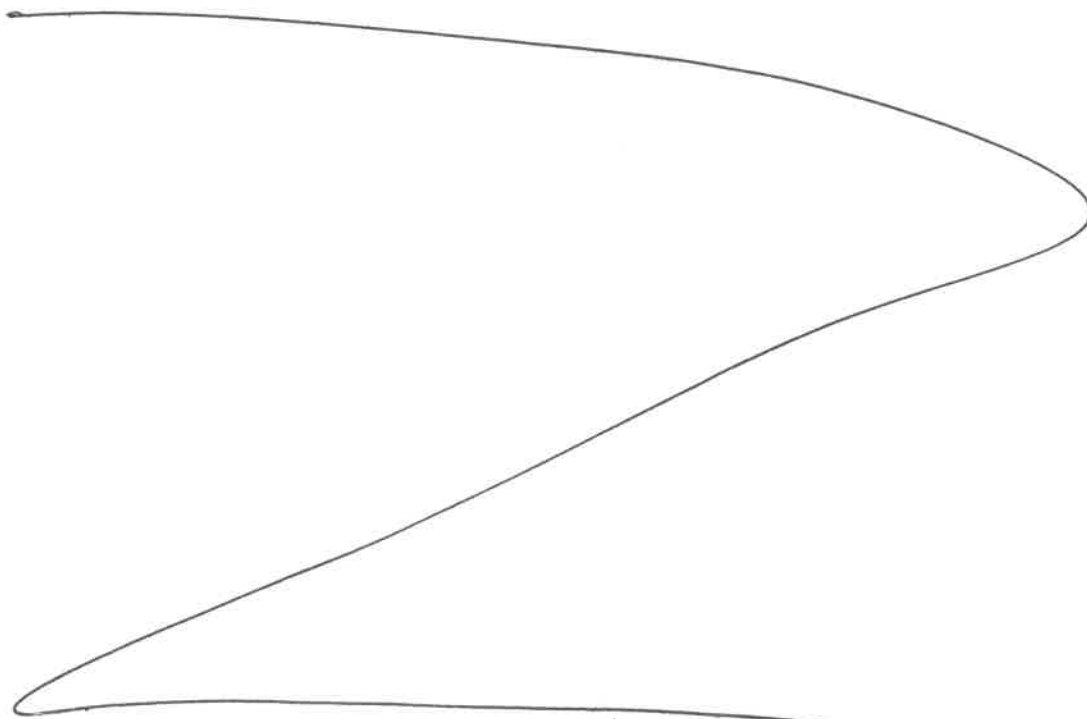
KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/25/25 14:50	RJ c EXT-1066 Preparation Group	R. Pesh/Pes Lab Analysis Group

Analytical Method: MNJDEP-EPH-8

Concentration Date: 09/25/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169823BL	PB169823BL	EPH	30.01	N/A	ritesh	Evelyn	2			U1-1
PB169823BS	PB169823BS	EPH	30.03	N/A	ritesh	Evelyn	2			2
PB169823BSD	PB169823BSD	EPH	30.02	N/A	ritesh	Evelyn	2			3
Q3176-01	EME-TS12-01	EPH	30.06	N/A	ritesh	Evelyn	2	F		4
Q3176-02	EME-TS13-01	EPH	30.08	N/A	ritesh	Evelyn	2	F		5
Q3176-03	EME-TS14-02	EPH	30.07	N/A	ritesh	Evelyn	2	F		6
Q3178-01	EME-TS14-01	EPH	30.03	N/A	ritesh	Evelyn	2	F		U2-1
Q3178-01DUP	EME-TS14-01DUP	EPH	30.05	N/A	ritesh	Evelyn	2	F		2
Q3178-02	EME-TS14-01MS	EPH	30.04	N/A	ritesh	Evelyn	2	F		3
Q3178-03	EME-TS14-01MSD	EPH	30.01	N/A	ritesh	Evelyn	2	F		4
Q3192-01	RB104	EPH	30.03	N/A	ritesh	Evelyn	2	B		5
Q3192-02	RB105	EPH	30.06	N/A	ritesh	Evelyn	2	B		6



RJ
9/25

* Extracts relinquished on the same date as received.

Q3192
8:15
09/25/25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3192

WorkList ID : 192068

Department : Extraction

Date : 09-25-2025 08:10:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3176-01	EME-TS12-01	Solid	EPH	Cool 4 deg C	ROYF02	J43	09/23/2025	NJEPH
Q3176-02	EME-TS13-01	Solid	EPH	Cool 4 deg C	ROYF02	J43	09/23/2025	NJEPH
Q3176-03	EME-TS14-02	Solid	EPH	Cool 4 deg C	ROYF02	J43	09/23/2025	NJEPH
Q3178-01	EME-TS14-01	Solid	EPH	Cool 4 deg C	ROYF02	J33	09/23/2025	NJEPH
Q3178-02	EME-TS14-01MS	Solid	EPH	Cool 4 deg C	ROYF02	J33	09/23/2025	NJEPH
Q3178-03	EME-TS14-01MSD	Solid	EPH	Cool 4 deg C	ROYF02	J33	09/23/2025	NJEPH
Q3192-01	RB104	Solid	EPH	Cool 4 deg C	GENV01	J13	09/24/2025	NJEPH
Q3192-02	RB105	Solid	EPH	Cool 4 deg C	GENV01	J13	09/24/2025	NJEPH

Date/Time 09/25/25 8:10
Raw Sample Received by: RJ (EAT-CEB)
Raw Sample Relinquished by: QP S

Date/Time 09/25/25 8:25
Raw Sample Received by: QP S
Raw Sample Relinquished by: RJ (EAT-CEB)

LAB CHRONICLE

OrderID:	Q3192	OrderDate:	9/24/2025 5:05:00 PM
Client:	G Environmental	Project:	TGP
Contact:	Gary Landis	Location:	J13

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3192-01	RB104	Solid	EPH	NJEPH	09/24/25	09/25/25	09/25/25	09/24/25
Q3192-02	RB105	Solid	EPH	NJEPH	09/24/25	09/25/25	09/25/25	09/24/25



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

COMPANY: **G-Environment**
ADDRESS: **8 Green**
CITY: **Swedesboro** STATE: **NJ** ZIP: **07988**
ATTENTION:
PHONE: FAX:

PROJECT NAME: **TSP**
PROJECT NO.: LOCATION: **NJ**
PROJECT MANAGER: **GL**
e-mail:
PHONE: FAX:

BILL TO: **G-Environment** PO#:
ADDRESS: **8 Green**
CITY: **Swedesboro** STATE: ZIP:
ATTENTION: PHONE:
ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) **Rush 4/11/04** DAYS*
HARDCOPY (DATA PACKAGE) **Rush 4/11/04** DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ Level 1 (Results Only) ☒ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other **Excel pdf**
☒ EDD FORMAT **NTDP**

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	RB104	501			9/24/25	1430	2		X		X						
2.	RB105	501			9/24/25	1400	2		X		X						
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. HL	DATE/TIME: 9/24/25 1512	RECEIVED BY: [Signature]	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.3 °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	Comments: EPH Cat 2
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312