284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : NELSON

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q1237

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q1237

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC

Client : G Environmental

Project Location : MappleWood

Project Number : - Nelson

Laboratory Sample ID(s) : Q1237

Sampling Date(s) : 1/30/2025

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

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.”

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Cover Page

Order ID : Q1237

Project ID : Nelson

Client : G Environmental

Lab Sample Number	Client Sample Number
Q1237-01	HL2PX1
Q1237-02	HL2PX2
Q1237-03	HL2PX3
Q1237-04	HL2PX4
Q1237-05	HL2PX5
Q1237-06	HL2PX6

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 : _____

Date: 2/7/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: Nelson
Project # N/A
Chemtech Project # Q1237
Test Name: EPH_NF

A. Number of Samples and Date of Receipt:
6 Solid samples were received on 01/30/2025.

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

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 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 EPH_NFs 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 met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

E. Additional Comments:
The soil samples results are based on a dry weight basis.

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

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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.

Signature_____

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908-789-8900 Fax: 908-789-8922

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 is 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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1237

	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 Castody	✓
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:** 02/07/2025

SAMPLE DATA

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Report of Analysis

Client:	G Environmental			Date Collected:	01/30/25
Project:	Nelson			Date Received:	01/30/25
Client Sample ID:	HL2PX1			SDG No.:	Q1237
Lab Sample ID:	Q1237-01			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	95.1
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 09:45	01/31/25 14:23	PB166417

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	3.05		1	1.89	2.10	mg/kg	FF015414.D
Aliphatic C9-C28	Aliphatic C9-C28	1.81	U	1	1.81	4.20	mg/kg	FF015414.D
Total AliphaticEPH	Total AliphaticEPH	3.70	U		3.70	6.30	mg/kg	
Total EPH	Total EPH	3.70	U		3.70	6.30	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

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Report of Analysis

Client:	G Environmental		Date Collected:	01/30/25	
Project:	Nelson		Date Received:	01/30/25	
Client Sample ID:	HL2PX1		SDG No.:	Q1237	
Lab Sample ID:	Q1237-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.1	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015414.D	1	01/31/25	01/31/25	PB166417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	1.81	U	1.81	4.20	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.05		1.89	2.10	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.6		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.2		40 - 140	76%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1237-01	Acq On:	31 Jan 2025 14:23
Client Sample ID:	HL2PX1	Operator:	YP\AJ
Data file:	FF015414.D	Misc:	
Instrument:	FID_F	ALS Vial:	71
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.214	6.833	490922	3.683	300	ug/ml
Aliphatic C12-C16	6.834	10.268	929693	6.717	200	ug/ml
Aliphatic C16-C21	10.269	13.636	1901881	13.166	300	ug/ml
Aliphatic C21-C28	13.637	17.303	1609945	11.305	400	ug/ml
Aliphatic C28-C40	17.304	22.207	4569026	43.645	600	ug/ml
Aliphatic EPH	3.214	22.207	9501467	78.515		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	6071242	38.19		ug/ml
1-chlorooctadecane (SURR)	13.371	13.371	4935961	39.59		ug/ml
Aliphatic C9-C28	3.214	17.303	4932441	34.871	1200	ug/ml

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Report of Analysis

Client:	G Environmental			Date Collected:	01/30/25
Project:	Nelson			Date Received:	01/30/25
Client Sample ID:	HL2PX2			SDG No.:	Q1237
Lab Sample ID:	Q1237-02			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	93.3
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 09:45	01/31/25 14:51	PB166417

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	2.90		1	1.92	2.14	mg/kg	FF015415.D
Aliphatic C9-C28	Aliphatic C9-C28	3.65	J	1	1.84	4.28	mg/kg	FF015415.D
Total AliphaticEPH	Total AliphaticEPH	6.55			3.76	6.42	mg/kg	
Total EPH	Total EPH	6.55			3.76	6.42	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

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Report of Analysis

Client:	G Environmental		Date Collected:	01/30/25	
Project:	Nelson		Date Received:	01/30/25	
Client Sample ID:	HL2PX2		SDG No.:	Q1237	
Lab Sample ID:	Q1237-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	93.3	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015415.D	1	01/31/25	01/31/25	PB166417

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		3.65	J	1.84	4.28	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		2.90		1.92	2.14	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		33.8		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		32.4		40 - 140	65%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1237-02	Acq On:	31 Jan 2025 14:51
Client Sample ID:	HL2PX2	Operator:	YP\AJ
Data file:	FF015415.D	Misc:	
Instrument:	FID_F	ALS Vial:	72
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.214	6.833	529531	3.973	300	ug/ml
Aliphatic C12-C16	6.834	10.268	838614	6.059	200	ug/ml
Aliphatic C16-C21	10.269	13.636	6519013	45.127	300	ug/ml
Aliphatic C21-C28	13.637	17.303	1009722	7.09	400	ug/ml
Aliphatic C28-C40	17.304	22.207	4259234	40.686	600	ug/ml
Aliphatic EPH	3.214	22.207	13156114	102.935		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	5145365	32.36		ug/ml
1-chlorooctadecane (SURR)	13.370	13.370	4209270	33.76		ug/ml
Aliphatic C9-C28	3.214	17.303	8896880	62.249	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:	01/30/25	
Project:	Nelson		Date Received:	01/30/25	
Client Sample ID:	HL2PX3		SDG No.:	Q1237	
Lab Sample ID:	Q1237-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.1	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 09:45	01/31/25 15:20	PB166417

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	38.7		1	1.95	2.17	mg/kg	FF015416.D
Aliphatic C9-C28	Aliphatic C9-C28	113		2	3.72	8.68	mg/kg	FF015433.D
Total AliphaticEPH	Total AliphaticEPH	152			5.67	10.8	mg/kg	
Total EPH	Total EPH	152			5.67	10.8	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

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Report of Analysis

Client:	G Environmental		Date Collected:	01/30/25	
Project:	Nelson		Date Received:	01/30/25	
Client Sample ID:	HL2PX3		SDG No.:	Q1237	
Lab Sample ID:	Q1237-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.1	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015416.D	1	01/31/25	01/31/25	PB166417

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		104	E	1.86	4.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		38.7		1.95	2.17	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		35.6		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		34.3		40 - 140	69%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1237-03	Acq On:	31 Jan 2025 15:20
Client Sample ID:	HL2PX3	Operator:	YP\AJ
Data file:	FF015416.D	Misc:	
Instrument:	FID_F	ALS Vial:	73
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.214	6.833	59211471	444.22	300	ug/ml
Aliphatic C12-C16	6.834	10.268	5986316	43.253	200	ug/ml
Aliphatic C16-C21	10.269	13.636	45108019	312.257	300	ug/ml
Aliphatic C21-C28	13.637	17.303	90506300	635.51	400	ug/ml
Aliphatic C28-C40	17.304	22.207	56119340	536.07	600	ug/ml
Aliphatic EPH	3.214	22.207	256931446	1970		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	5449280	34.27		ug/ml
1-chlorooctadecane (SURR)	13.371	13.371	4436996	35.59		ug/ml
Aliphatic C9-C28	3.214	17.303	200812106	1440	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:	01/30/25	
Project:	Nelson		Date Received:	01/30/25	
Client Sample ID:	HL2PX3DL		SDG No.:	Q1237	
Lab Sample ID:	Q1237-03DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.1	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015433.D	2	01/31/25	02/03/25	PB166417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	113		3.72	8.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	35.6		3.90	4.34	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	17.7		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	17.5		40 - 140	70%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1237-03DL	Acq On:	03 Feb 2025 12:25
Client Sample ID:	HL2PX3DL	Operator:	YP\AJ
Data file:	FF015433.D	Misc:	
Instrument:	FID_F	ALS Vial:	73
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.213	6.835	29344354	220.149	300	ug/ml
Aliphatic C12-C16	6.836	10.270	2766807	19.991	200	ug/ml
Aliphatic C16-C21	10.271	13.640	18609013	128.82	300	ug/ml
Aliphatic C21-C28	13.641	17.307	59333021	416.62	400	ug/ml
Aliphatic C28-C40	17.308	22.219	25799797	246.448	600	ug/ml
Aliphatic EPH	3.213	22.219	135852992	1030		ug/ml
ortho-Terphenyl (SURR)	11.935	11.935	2785876	17.52		ug/ml
1-chlorooctadecane (SURR)	13.374	13.374	2201644	17.66		ug/ml
Aliphatic C9-C28	3.213	17.307	110053195	785.58	1200	ug/ml

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:	01/30/25	
Project:	Nelson		Date Received:	01/30/25	
Client Sample ID:	HL2PX4		SDG No.:	Q1237	
Lab Sample ID:	Q1237-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	94.3	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 09:45	01/31/25 15:48	PB166417

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	5.21		1	1.91	2.12	mg/kg	FF015417.D
Aliphatic C9-C28	Aliphatic C9-C28	15.6		1	1.82	4.24	mg/kg	FF015417.D
Total AliphaticEPH	Total AliphaticEPH	20.9			3.73	6.36	mg/kg	
Total EPH	Total EPH	20.9			3.73	6.36	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

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Report of Analysis

Client:	G Environmental		Date Collected:	01/30/25	
Project:	Nelson		Date Received:	01/30/25	
Client Sample ID:	HL2PX4		SDG No.:	Q1237	
Lab Sample ID:	Q1237-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	94.3	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015417.D	1	01/31/25	01/31/25	PB166417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	15.6		1.82	4.24	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.21		1.91	2.12	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.4		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.5		40 - 140	63%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1237-04	Acq On:	31 Jan 2025 15:48
Client Sample ID:	HL2PX4	Operator:	YP\AJ
Data file:	FF015417.D	Misc:	
Instrument:	FID_F	ALS Vial:	74
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.214	6.833	3193762	23.96	300	ug/ml
Aliphatic C12-C16	6.834	10.268	3640897	26.306	200	ug/ml
Aliphatic C16-C21	10.269	13.636	14950016	103.49	300	ug/ml
Aliphatic C21-C28	13.637	17.303	9636381	67.664	400	ug/ml
Aliphatic C28-C40	17.304	22.207	7715690	73.703	600	ug/ml
Aliphatic EPH	3.214	22.207	39136746	295.124		ug/ml
ortho-Terphenyl (SURR)	11.932	11.932	5005275	31.48		ug/ml
1-chlorooctadecane (SURR)	13.369	13.369	4039765	32.4		ug/ml
Aliphatic C9-C28	3.214	17.303	31421056	221.42	1200	ug/ml

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Report of Analysis

Client:	G Environmental			Date Collected:	01/30/25
Project:	Nelson			Date Received:	01/30/25
Client Sample ID:	HL2PX5			SDG No.:	Q1237
Lab Sample ID:	Q1237-05			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	95.6
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 09:45	01/31/25 16:05	PB166417

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.88	U	1	1.88	2.09	mg/kg	FC068165.D
Aliphatic C9-C28	Aliphatic C9-C28	5.12		1	1.80	4.17	mg/kg	FC068165.D
Total AliphaticEPH	Total AliphaticEPH	5.12	J		3.68	6.26	mg/kg	
Total EPH	Total EPH	5.12	J		3.68	6.26	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

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Report of Analysis

Client:	G Environmental		Date Collected:	01/30/25	
Project:	Nelson		Date Received:	01/30/25	
Client Sample ID:	HL2PX5		SDG No.:	Q1237	
Lab Sample ID:	Q1237-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.6	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068165.D	1	01/31/25	01/31/25	PB166417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.12		1.80	4.17	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.88	U	1.88	2.09	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.3		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.2		40 - 140	62%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1237-05	Acq On:	31 Jan 2025 16:05
Client Sample ID:	HL2PX5	Operator:	YP/AJ
Data file:	FC068165.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	3.128	6.394	897709	6.482	300	ug/ml
Aliphatic C12-C16	6.395	9.777	828773	6.018	200	ug/ml
Aliphatic C16-C21	9.778	13.129	6323447	46.834	300	ug/ml
Aliphatic C21-C28	13.130	16.780	1796200	14.12	400	ug/ml
Aliphatic C28-C40	16.781	21.588	2593400	25.023	600	ug/ml
Aliphatic EPH	3.128	21.588	12439529	98.478		ug/ml
ortho-Terphenyl (SURR)	11.421	11.421	4878753	31.22		ug/ml
1-chlorooctadecane (SURR)	12.860	12.860	3825270	33.26		ug/ml
Aliphatic C9-C28	3.128	16.780	9846129	73.454	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:	01/30/25	
Project:	Nelson		Date Received:	01/30/25	
Client Sample ID:	HL2PX6		SDG No.:	Q1237	
Lab Sample ID:	Q1237-06		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.2	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 09:45	01/31/25 16:42	PB166417

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	32.2		1	1.95	2.17	mg/kg	FC068166.D
Aliphatic C9-C28	Aliphatic C9-C28	64.5		1	1.86	4.33	mg/kg	FC068166.D
Total AliphaticEPH	Total AliphaticEPH	96.7			3.81	6.50	mg/kg	
Total EPH	Total EPH	96.7			3.81	6.50	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

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Report of Analysis

Client:	G Environmental		Date Collected:	01/30/25	
Project:	Nelson		Date Received:	01/30/25	
Client Sample ID:	HL2PX6		SDG No.:	Q1237	
Lab Sample ID:	Q1237-06		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.2	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068166.D	1	01/31/25	01/31/25	PB166417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	64.5		1.86	4.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	32.2		1.95	2.17	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.7		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.1		40 - 140	74%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1237-06	Acq On:	31 Jan 2025 16:42
Client Sample ID:	HL2PX6	Operator:	YP/AJ
Data file:	FC068166.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.128	6.394	958463	6.921	300	ug/ml
Aliphatic C12-C16	6.395	9.777	3664490	26.61	200	ug/ml
Aliphatic C16-C21	9.778	13.129	42673438	316.054	300	ug/ml
Aliphatic C21-C28	13.130	16.780	69108410	543.273	400	ug/ml
Aliphatic C28-C40	16.781	21.588	46106706	444.879	600	ug/ml
Aliphatic EPH	3.128	21.588	162511507	1340		ug/ml
ortho-Terphenyl (SURR)	11.422	11.422	5791006	37.06		ug/ml
1-chlorooctadecane (SURR)	12.864	12.864	4455451	38.74		ug/ml
Aliphatic C9-C28	3.128	16.780	116404801	892.858	1200	ug/ml

QC SUMMARY

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SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM CASE No.: Q1237 SAS No.: Q1237 SDG No.: Q1237

Run Number: FC013125AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB166417BL	78	74		0
PB166417BS	78	72		0
PB166417BSD	75	70		0
HL2PX5	67	62		0
HL2PX6	77	74		0
HL2PX6MS	70	67		0
HL2PX6MSD	69	67		0

	QC LIMITS
1-chlorooctadecane (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

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SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM CASE No.: Q1237 SAS No.: Q1237 SDG No.: Q1237

Run Number: FF020125AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
HL2PX1	79	76		0
HL2PX2	68	65		0
HL2PX3	71	69		0
HL2PX4	65	63		0

	QC LIMITS
1-chlorooctadecane (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

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SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM CASE No.: Q1237 SAS No.: Q1237 SDG No.: Q1237

Run Number: FF020325AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
HL2PX3DL	71	70		0

	QC LIMITS
1-chlorooctadecane (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

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental

Lab Code: CHEM **Cas No:** Q1237 **SAS No :** Q1237 **SDG No:** Q1237

Sample No : Q1237-06MS **Datafile:** FC068168.D

Client ID : HL2PX6MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	32.5	32.2	53.0	64		(40-140)
Aliphatic C9-C28	108.3	64.5	133	64		(40-140)

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental

Lab Code: CHEM **Cas No:** Q1237 **SAS No :** Q1237 **SDG No:** Q1237

Sample No : Q1237-06MSD **Datafile:** FC068169.D

Client ID : HL2PX6MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	32.5	32.2	53.0	64		0 |	(40-140)	25
Aliphatic C9-C28	108.3	64.5	128	59		7.6 |	(40-140)	25

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental

Lab Code: CHEM **Cas No:** Q1237 **SAS No :** Q1237 **SDG No:** Q1237

Sample No : PB166417BS **Datafile:** FC068163.D

Client ID : PB166417BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	30.0	36.3	121		(40-140)
Aliphatic C9-C28	99.9	100	100		(40-140)

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental

Lab Code: CHEM **Cas No:** Q1237 **SAS No :** Q1237 **SDG No:** Q1237

Sample No : PB166417BSD **Datafile:** FC068164.D

Client ID : PB166417BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	30.0	34.8	116		4.2|	(40-140)	50
Aliphatic C9-C28	100.1	96.8	97		3.1|	(40-140)	50

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4B
METHOD BLANK SUMMARY

EPA SAMPLE NO.
PB166417BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1237 SAS No.: Q1237 SDG NO.: Q1237

Instrument ID: FID_C Lab Sample ID: PB166417BL

Matrix: (soil/water) Solid Date Extracted: 1/31/2025 9:45:00 A

Level: (low/med) low

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

EPA SAMPLE NO.	LAB SAMPLE ID
PB166417BS	PB166417BS
HL2PX1	Q1237-01
HL2PX2	Q1237-02
HL2PX3	Q1237-03
PB166417BSD	PB166417BSD
HL2PX4	Q1237-04
HL2PX5	Q1237-05
HL2PX6	Q1237-06
HL2PX6MS	Q1237-06MS
HL2PX6MSD	Q1237-06MSD

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Nelson			Date Received:	
Client Sample ID:	PB166417BL			SDG No.:	Q1237
Lab Sample ID:	PB166417BL			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 09:45	01/31/25 13:52	PB166417

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.80	U	1	1.80	2.00	mg/kg	FC068162.D
Aliphatic C9-C28	Aliphatic C9-C28	1.72	U	1	1.72	3.99	mg/kg	FC068162.D
Total AliphaticEPH	Total AliphaticEPH	3.52	U		3.52	5.99	mg/kg	
Total EPH	Total EPH	3.52	U		3.52	5.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Nelson		Date Received:		
Client Sample ID:	PB166417BL		SDG No.:	Q1237	
Lab Sample ID:	PB166417BL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068162.D	1	01/31/25	01/31/25	PB166417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	1.72	U	1.72	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.80	U	1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.9		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.1		40 - 140	74%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166417BL	Acq On:	31 Jan 2025 13:52
Client Sample ID:	PB166417BL	Operator:	YP/AJ
Data file:	FC068162.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	3.128	6.394	0	0	300	ug/ml
Aliphatic C12-C16	6.395	9.777	0	0	200	ug/ml
Aliphatic C16-C21	9.778	13.129	0	0	300	ug/ml
Aliphatic C21-C28	13.130	16.780	0	0	400	ug/ml
Aliphatic C28-C40	16.781	21.588	0	0	600	ug/ml
Aliphatic EPH	3.128	21.588	0	0		ug/ml
ortho-Terphenyl (SURR)	11.423	11.423	5792898	37.07		ug/ml
1-chlorooctadecane (SURR)	12.863	12.863	4470888	38.88		ug/ml
Aliphatic C9-C28	3.128	16.780	0	0	1200	ug/ml

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Nelson			Date Received:	
Client Sample ID:	PB166417BS			SDG No.:	Q1237
Lab Sample ID:	PB166417BS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 09:45	01/31/25 14:28	PB166417

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	36.3		1	1.80	2.00	mg/kg	FC068163.D
Aliphatic C9-C28	Aliphatic C9-C28	100	E	1	1.72	3.99	mg/kg	FC068163.D
Total AliphaticEPH	Total AliphaticEPH	137			3.52	5.99	mg/kg	
Total EPH	Total EPH	137			3.52	5.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Nelson		Date Received:		
Client Sample ID:	PB166417BS		SDG No.:	Q1237	
Lab Sample ID:	PB166417BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068163.D	1	01/31/25	01/31/25	PB166417

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		100	E	1.72	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		36.3		1.80	2.00	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		38.8		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		36.0		40 - 140	72%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166417BS	Acq On:	31 Jan 2025 14:28
Client Sample ID:	PB166417BS	Operator:	YP/AJ
Data file:	FC068163.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.128	6.394	37636970	271.77	300	ug/ml
Aliphatic C12-C16	6.395	9.777	47325227	343.651	200	ug/ml
Aliphatic C16-C21	9.778	13.129	52815440	391.17	300	ug/ml
Aliphatic C21-C28	13.130	16.780	63280237	497.457	400	ug/ml
Aliphatic C28-C40	16.781	21.588	56465452	544.829	600	ug/ml
Aliphatic EPH	3.128	21.588	257523326	2050		ug/ml
ortho-Terphenyl (SURR)	11.422	11.422	5633426	36.05		ug/ml
1-chlorooctadecane (SURR)	12.862	12.862	4459606	38.78		ug/ml
Aliphatic C9-C28	3.128	16.780	201057874	1500	1200	ug/ml

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Nelson			Date Received:	
Client Sample ID:	PB166417BSD			SDG No.:	Q1237
Lab Sample ID:	PB166417BSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 09:45	01/31/25 15:29	PB166417

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	34.8		1	1.80	2.00	mg/kg	FC068164.D
Aliphatic C9-C28	Aliphatic C9-C28	96.8	E	1	1.72	4.00	mg/kg	FC068164.D
Total AliphaticEPH	Total AliphaticEPH	132			3.52	6.00	mg/kg	
Total EPH	Total EPH	132			3.52	6.00	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Nelson		Date Received:		
Client Sample ID:	PB166417BSD		SDG No.:	Q1237	
Lab Sample ID:	PB166417BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068164.D	1	01/31/25	01/31/25	PB166417

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		96.8	E	1.72	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		34.8		1.80	2.00	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		37.4		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		34.8		40 - 140	70%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166417BSD	Acq On:	31 Jan 2025 15:29
Client Sample ID:	PB166417BSD	Operator:	YP/AJ
Data file:	FC068164.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	3.128	6.394	36505289	263.599	300	ug/ml
Aliphatic C12-C16	6.395	9.777	45811972	332.662	200	ug/ml
Aliphatic C16-C21	9.778	13.129	50947658	377.336	300	ug/ml
Aliphatic C21-C28	13.130	16.780	60831056	478.203	400	ug/ml
Aliphatic C28-C40	16.781	21.588	54143474	522.424	600	ug/ml
Aliphatic EPH	3.128	21.588	248239449	1970		ug/ml
ortho-Terphenyl (SURR)	11.423	11.423	5442574	34.83		ug/ml
1-chlorooctadecane (SURR)	12.863	12.863	4299217	37.38		ug/ml
Aliphatic C9-C28	3.128	16.780	194095975	1450	1200	ug/ml

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Nelson			Date Received:	
Client Sample ID:	HL2PX6MS			SDG No.:	Q1237
Lab Sample ID:	Q1237-06MS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	92.2
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 09:45	01/31/25 17:55	PB166417

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	53.0	E	1	1.95	2.16	mg/kg	FC068168.D
Aliphatic C9-C28	Aliphatic C9-C28	134	E	1	1.86	4.32	mg/kg	FC068168.D
Total AliphaticEPH	Total AliphaticEPH	187			3.81	6.48	mg/kg	
Total EPH	Total EPH	187			3.81	6.48	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Nelson		Date Received:		
Client Sample ID:	HL2PX6MS		SDG No.:	Q1237	
Lab Sample ID:	Q1237-06MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.2	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068168.D	1	01/31/25	01/31/25	PB166417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	134	E	1.86	4.32	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	53.0	E	1.95	2.16	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.1		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.4		40 - 140	67%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1237-06MS	Acq On:	31 Jan 2025 17:55
Client Sample ID:	HL2PX6MS	Operator:	YP/AJ
Data file:	FC068168.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.128	6.394	22663191	163.647	300	ug/ml
Aliphatic C12-C16	6.395	9.777	35181572	255.47	200	ug/ml
Aliphatic C16-C21	9.778	13.129	81940472	606.88	300	ug/ml
Aliphatic C21-C28	13.130	16.780	105259115	827.46	400	ug/ml
Aliphatic C28-C40	16.781	21.588	76154468	734.806	600	ug/ml
Aliphatic EPH	3.128	21.588	321198818	2590		ug/ml
ortho-Terphenyl (SURR)	11.424	11.424	5218508	33.39		ug/ml
1-chlorooctadecane (SURR)	12.864	12.864	4036643	35.1		ug/ml
Aliphatic C9-C28	3.128	16.780	245044350	1850	1200	ug/ml

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Nelson			Date Received:	
Client Sample ID:	HL2PX6MSD			SDG No.:	Q1237
Lab Sample ID:	Q1237-06MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	92.2
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 09:45	01/31/25 18:31	PB166417

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	53.0	E	1	1.95	2.17	mg/kg	FC068169.D
Aliphatic C9-C28	Aliphatic C9-C28	129	E	1	1.86	4.32	mg/kg	FC068169.D
Total AliphaticEPH	Total AliphaticEPH	182			3.81	6.49	mg/kg	
Total EPH	Total EPH	182			3.81	6.49	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Nelson		Date Received:		
Client Sample ID:	HL2PX6MSD		SDG No.:	Q1237	
Lab Sample ID:	Q1237-06MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.2	
Sample Wt/Vol:	30.05 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068169.D	1	01/31/25	01/31/25	PB166417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	129	E	1.86	4.32	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	53.0	E	1.95	2.17	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.5		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.3		40 - 140	67%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1237-06MSD	Acq On:	31 Jan 2025 18:31
Client Sample ID:	HL2PX6MSD	Operator:	YP/AJ
Data file:	FC068169.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.128	6.394	22567570	162.957	300	ug/ml
Aliphatic C12-C16	6.395	9.777	34937544	253.698	200	ug/ml
Aliphatic C16-C21	9.778	13.129	74246287	549.894	300	ug/ml
Aliphatic C21-C28	13.130	16.780	103683220	815.071	400	ug/ml
Aliphatic C28-C40	16.781	21.588	76058541	733.881	600	ug/ml
Aliphatic EPH	3.128	21.588	311493162	2520		ug/ml
ortho-Terphenyl (SURR)	11.424	11.424	5207914	33.33		ug/ml
1-chlorooctadecane (SURR)	12.864	12.864	3971956	34.54		ug/ml
Aliphatic C9-C28	3.128	16.780	235434621	1780	1200	ug/ml

CALIBRATION SUMMARY

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Inital Calibration Report for SequenceID : FC012425AL

AreaCount

Parameter Range	FC068103.D	FC068104.D	FC068105.D	FC068106.D	FC068107.D	
Aliphatic C9-C12	39119921.000	19595370.000	8560674.000	4475977.000	2092923.000	
Aliphatic C12-C16	26002482.000	13035277.000	5712859.000	2968256.000	1369659.000	
Aliphatic C16-C21	37691789.000	18971800.000	8404107.000	4402241.000	2042530.000	
Aliphatic C21-C28	46742612.000	23877310.000	10488572.000	5543696.000	2601900.000	
Aliphatic C28-C40	54828663.000	28773658.000	12627086.000	6741853.000	3399332.000	
Aliphatic EPH	204385467.000	104253415.000	45793298.000	24132023.000	11506344.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	138488.1739998	5.827				
Aliphatic C12-C16	137713.071	5.793				
Aliphatic C16-C21	135019.2893328	6.678				
Aliphatic C21-C28	127207.526	7.047				
Aliphatic C28-C40	103638.8596662	9.431				
Aliphatic EPH	123700.6552216	7.023				

Concentration

Parameter Range	FC068103.D	FC068104.D	FC068105.D	FC068106.D	FC068107.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	FC068103.D	FC068104.D	FC068105.D	FC068106.D	FC068107.D	
Aliphatic C9-C12	130399.736666	130635.800000	142677.900000	149199.233333	139528.200000	
Aliphatic C12-C16	130012.410000	130352.770000	142821.475000	148412.800000	136965.900000	
Aliphatic C16-C21	125639.296666	126478.666666	140068.450000	146741.366666	136168.666666	

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Inital Calibration Report for SequenceID : FC012425AL

Aliphatic C21-C28	116856.530000	119386.550000	131107.150000	138592.400000	130095.000000	
Aliphatic C28-C40	91381.105000	95912.193333	105225.716666	112364.216666	113311.066666	
Aliphatic EPH	113547.481666	115837.127777	127203.605555	134066.794444	127848.266666	

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Inital Calibration Report for SequenceID : FF011425AL

AreaCount

Parameter Range	FF015228.D	FF015229.D	FF015230.D	FF015231.D	FF015232.D	
Aliphatic C9-C12	37432719.000	18836584.000	8059831.000	4319049.000	2067202.000	
Aliphatic C12-C16	25922760.000	13078920.000	5606705.000	2982461.000	1423232.000	
Aliphatic C16-C21	40150174.000	20337980.000	8832349.000	4678010.000	2245943.000	
Aliphatic C21-C28	52162194.000	26703436.000	11627257.000	6148419.000	2982055.000	
Aliphatic C28-C40	56522552.000	29298738.000	12720684.000	6776286.000	3378667.000	
Aliphatic EPH	212190399.000	108255658.000	46846826.000	24904225.000	12097099.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	133293.0479996	6.136				
Aliphatic C12-C16	138403.375	5.921				
Aliphatic C16-C21	144457.8926662	6.554				
Aliphatic C21-C28	142415.3205	7.059				
Aliphatic C28-C40	104686.5493332	8.162				
Aliphatic EPH	128213.3416664	6.917				

Concentration

Parameter Range	FF015228.D	FF015229.D	FF015230.D	FF015231.D	FF015232.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	FF015228.D	FF015229.D	FF015230.D	FF015231.D	FF015232.D	
Aliphatic C9-C12	124775.730000	125577.226666	134330.516666	143968.300000	137813.466666	
Aliphatic C12-C16	129613.800000	130789.200000	140167.625000	149123.050000	142323.200000	
Aliphatic C16-C21	133833.913333	135586.533333	147205.816666	155933.666666	149729.533333	

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Inital Calibration Report for SequenceID : FF011425AL

Aliphatic C21-C28	130405.485000	133517.180000	145340.712500	153710.475000	149102.750000	
Aliphatic C28-C40	94204.253333	97662.460000	106005.700000	112938.100000	112622.233333	
Aliphatic EPH	117883.555000	120284.064444	130130.072222	138356.805555	134412.211111	

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Continuing Calibration Report for SequenceID : FC013125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC068161.D**						
Aliphatic C9-C12	8941507.000	60.000	3.128	6.394	149025.117	138488.174	-7.609
Aliphatic C12-C16	5834042.000	40.000	6.395	9.777	145851.050	137713.071	-5.909
Aliphatic C16-C21	8494163.000	60.000	9.778	13.129	141569.383	135019.289	-4.851
Aliphatic C21-C28	10842120.000	80.000	13.130	16.780	135526.500	127207.526	-6.540
Aliphatic C28-C40	13235619.000	120.000	16.781	21.588	110296.825	103638.860	-6.424
Aliphatic EPH	47347451.000	360.000	3.128	21.588	131520.697	123700.655	-6.322

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	31 Jan 2025 12:15
Client Sample ID:		Operator:	YP/AJ
Data file:	FC068161.D	Misc:	
Instrument:	FID_C	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.128	6.394	8941507.000	60.000	ug/ml
Aliphatic C12-C16	6.395	9.777	5834042.000	40.000	ug/ml
Aliphatic C16-C21	9.778	13.129	8494163.000	60.000	ug/ml
Aliphatic C21-C28	13.130	16.780	10842120.000	80.000	ug/ml
Aliphatic C28-C40	16.781	21.588	13235619.000	120.000	ug/ml
Aliphatic EPH	3.128	21.588	47347451.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FC013125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC068171.D**						
Aliphatic C9-C12	7772727.000	60.000	3.128	6.394	129545.450	138488.174	6.457
Aliphatic C12-C16	5123126.000	40.000	6.395	9.777	128078.150	137713.071	6.996
Aliphatic C16-C21	7519004.000	60.000	9.778	13.129	125316.733	135019.289	7.186
Aliphatic C21-C28	9844182.000	80.000	13.130	16.780	123052.275	127207.526	3.267
Aliphatic C28-C40	13881415.000	120.000	16.781	21.588	115678.458	103638.860	-11.617
Aliphatic EPH	44140454.000	360.000	3.128	21.588	122612.372	123700.655	0.880

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	31 Jan 2025 20:21
Client Sample ID:		Operator:	YP/AJ
Data file:	FC068171.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.128	6.394	7772727.000	60.000	ug/ml
Aliphatic C12-C16	6.395	9.777	5123126.000	40.000	ug/ml
Aliphatic C16-C21	9.778	13.129	7519004.000	60.000	ug/ml
Aliphatic C21-C28	13.130	16.780	9844182.000	80.000	ug/ml
Aliphatic C28-C40	16.781	21.588	13881415.000	120.000	ug/ml
Aliphatic EPH	3.128	21.588	44140454.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FF020125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FF015413.D**						
Aliphatic C9-C12	8300866.000	60.000	3.214	6.833	138347.767	133293.048	-3.792
Aliphatic C12-C16	5804136.000	40.000	6.834	10.268	145103.400	138403.375	-4.841
Aliphatic C16-C21	8578077.000	60.000	10.269	13.636	142967.950	144457.893	1.031
Aliphatic C21-C28	10473029.000	80.000	13.637	17.303	130912.863	142415.321	8.077
Aliphatic C28-C40	13200610.000	120.000	17.304	22.207	110005.083	104686.549	-5.080
Aliphatic EPH	46356718.000	360.000	3.214	22.207	128768.661	128213.342	-0.433

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	31 Jan 2025 12:29
Client Sample ID:		Operator:	YP\AJ
Data file:	FF015413.D	Misc:	
Instrument:	FID_F	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.214	6.833	8300866.000	60.000	ug/ml
Aliphatic C12-C16	6.834	10.268	5804136.000	40.000	ug/ml
Aliphatic C16-C21	10.269	13.636	8578077.000	60.000	ug/ml
Aliphatic C21-C28	13.637	17.303	10473029.000	80.000	ug/ml
Aliphatic C28-C40	17.304	22.207	13200610.000	120.000	ug/ml
Aliphatic EPH	3.214	22.207	46356718.000	360.000	ug/ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FF020125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FF015427.D**						
Aliphatic C9-C12	7864497.000	60.000	3.214	6.833	131074.950	133293.048	1.664
Aliphatic C12-C16	5485868.000	40.000	6.834	10.268	137146.700	138403.375	0.908
Aliphatic C16-C21	7976523.000	60.000	10.269	13.636	132942.050	144457.893	7.972
Aliphatic C21-C28	9708387.000	80.000	13.637	17.303	121354.838	142415.321	14.788
Aliphatic C28-C40	12710386.000	120.000	17.304	22.207	105919.883	104686.549	-1.178
Aliphatic EPH	43745661.000	360.000	3.214	22.207	121515.725	128213.342	5.224

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	31 Jan 2025 21:02
Client Sample ID:		Operator:	YP\AJ
Data file:	FF015427.D	Misc:	
Instrument:	FID_F	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.214	6.833	7864497.000	60.000	ug/ml
Aliphatic C12-C16	6.834	10.268	5485868.000	40.000	ug/ml
Aliphatic C16-C21	10.269	13.636	7976523.000	60.000	ug/ml
Aliphatic C21-C28	13.637	17.303	9708387.000	80.000	ug/ml
Aliphatic C28-C40	17.304	22.207	12710386.000	120.000	ug/ml
Aliphatic EPH	3.214	22.207	43745661.000	360.000	ug/ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FF020325AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FF015430.D**						
Aliphatic C9-C12	8714399.000	60.000	3.213	6.835	145239.983	133293.048	-8.963
Aliphatic C12-C16	6093184.000	40.000	6.836	10.270	152329.600	138403.375	-10.062
Aliphatic C16-C21	8984906.000	60.000	10.271	13.640	149748.433	144457.893	-3.662
Aliphatic C21-C28	10909299.000	80.000	13.641	17.307	136366.238	142415.321	4.247
Aliphatic C28-C40	12159714.000	120.000	17.308	22.219	101330.950	104686.549	3.205
Aliphatic EPH	46861502.000	360.000	3.213	22.219	130170.839	128213.342	-1.527

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	03 Feb 2025 10:59
Client Sample ID:		Operator:	YP\AJ
Data file:	FF015430.D	Misc:	
Instrument:	FID_F	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.213	6.835	8714399.000	60.000	ug/ml
Aliphatic C12-C16	6.836	10.270	6093184.000	40.000	ug/ml
Aliphatic C16-C21	10.271	13.640	8984906.000	60.000	ug/ml
Aliphatic C21-C28	13.641	17.307	10909299.000	80.000	ug/ml
Aliphatic C28-C40	17.308	22.219	12159714.000	120.000	ug/ml
Aliphatic EPH	3.213	22.219	46861502.000	360.000	ug/ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FF020325AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FF015435.D**						
Aliphatic C9-C12	8006762.000	60.000	3.213	6.835	133446.033	133293.048	-0.115
Aliphatic C12-C16	5498573.000	40.000	6.836	10.270	137464.325	138403.375	0.678
Aliphatic C16-C21	8038176.000	60.000	10.271	13.640	133969.600	144457.893	7.260
Aliphatic C21-C28	9540420.000	80.000	13.641	17.307	119255.250	142415.321	16.262
Aliphatic C28-C40	11027048.000	120.000	17.308	22.219	91892.067	104686.549	12.222
Aliphatic EPH	42110979.000	360.000	3.213	22.219	116974.942	128213.342	8.765

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	03 Feb 2025 14:19
Client Sample ID:		Operator:	YP\AJ
Data file:	FF015435.D	Misc:	
Instrument:	FID_F	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.213	6.835	8006762.000	60.000	ug/ml
Aliphatic C12-C16	6.836	10.270	5498573.000	40.000	ug/ml
Aliphatic C16-C21	10.271	13.640	8038176.000	60.000	ug/ml
Aliphatic C21-C28	13.641	17.307	9540420.000	80.000	ug/ml
Aliphatic C28-C40	17.308	22.219	11027048.000	120.000	ug/ml
Aliphatic EPH	3.213	22.219	42110979.000	360.000	ug/ml

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020125AL\
Data File : FF015414.D
Signal(s) : FID2B.ch
Acq On : 31 Jan 2025 14:23
Operator : YP\AJ
Sample : Q1237-01
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
HL2PX1

Integration File: sample.E
Quant Time: Jan 31 23:21:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 15:33:37 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			
9) S ortho-Terphenyl (SURR)	11.933	6071242	38.186 ug/ml
Spiked Amount 50.000		Recovery =	76.37%
12) S 1-chlorooctadecane (S...	13.371	4935961	39.593 ug/ml
Spiked Amount 50.000		Recovery =	79.19%
Target Compounds			

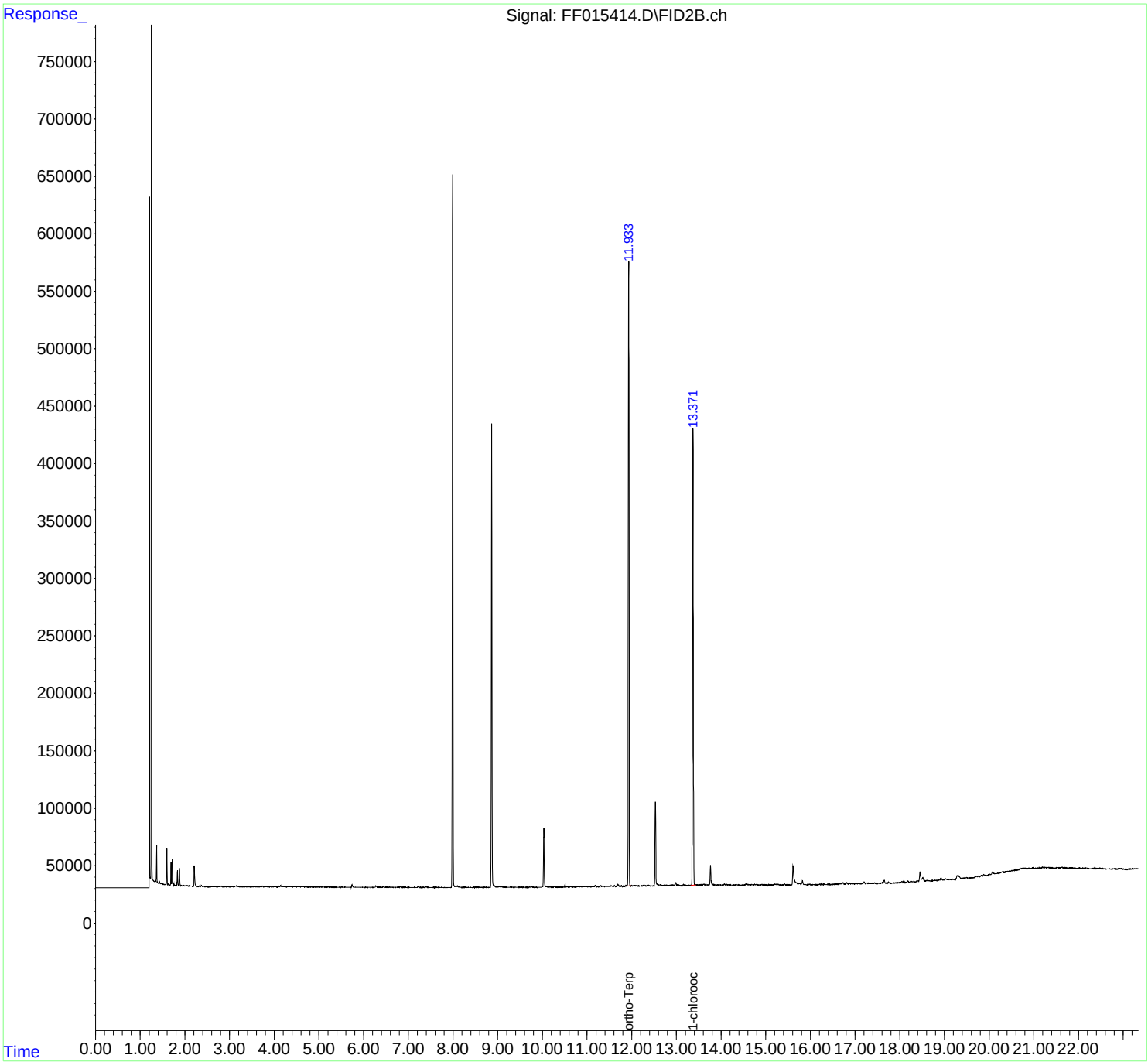
(f)=RT Delta > 1/2 Window (m)=manual int.

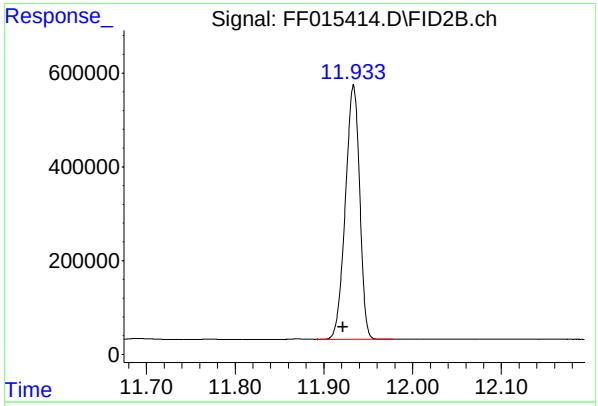
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020125AL\
Data File : FF015414.D
Signal(s) : FID2B.ch
Acq On : 31 Jan 2025 14:23
Operator : YP\AJ
Sample : Q1237-01
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
HL2PX1

Integration File: sample.E
Quant Time: Jan 31 23:21:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 15:33:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

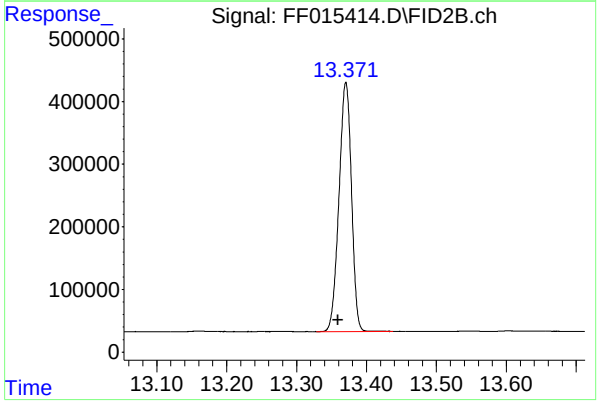




#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: 0.012 min
Response: 6071242
Conc: 38.19 ug/ml

Instrument :
FID_F
ClientSampleId :
HL2PX1



#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: 0.011 min
Response: 4935961
Conc: 39.59 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020125AL\
Data File : FF015414.D
Signal(s) : FID2B.ch
Acq On : 31 Jan 2025 14:23
Sample : Q1237-01
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.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	2.920	2.851	2.935	BV	74	843	0.01%	0.004%
2	2.943	2.935	2.984	PV	55	883	0.01%	0.004%
3	3.001	2.984	3.037	PV	218	2874	0.05%	0.014%
4	3.047	3.037	3.058	VV	101	634	0.01%	0.003%
5	3.131	3.058	3.141	VV	759	12107	0.20%	0.059%
6	3.163	3.141	3.231	VV	906	24811	0.41%	0.120%
7	3.235	3.231	3.251	VV	216	2161	0.04%	0.010%
8	3.299	3.251	3.340	VV	247	10043	0.16%	0.049%
9	3.361	3.340	3.371	VV	226	3453	0.06%	0.017%
10	3.382	3.371	3.395	VV	221	2479	0.04%	0.012%
11	3.409	3.395	3.425	VV	254	3705	0.06%	0.018%
12	3.444	3.425	3.481	VV	323	7539	0.12%	0.037%
13	3.503	3.481	3.529	VV	306	6460	0.11%	0.031%
14	3.543	3.529	3.552	VV	226	2810	0.05%	0.014%
15	3.565	3.552	3.615	VV	238	7818	0.13%	0.038%
16	3.629	3.615	3.643	VV	260	3589	0.06%	0.017%
17	3.675	3.643	3.702	VV	302	8870	0.15%	0.043%
18	3.734	3.702	3.773	VV	691	16011	0.26%	0.078%
19	3.791	3.773	3.825	VV	435	7185	0.12%	0.035%
20	3.839	3.825	3.851	VV	183	2036	0.03%	0.010%
21	3.906	3.851	3.958	VV	395	9597	0.16%	0.046%
22	3.992	3.958	4.008	VV	285	5146	0.08%	0.025%
23	4.020	4.008	4.042	VV	283	3772	0.06%	0.018%
24	4.053	4.042	4.065	VV	151	1581	0.03%	0.008%
25	4.069	4.065	4.077	VV	137	806	0.01%	0.004%
26	4.109	4.077	4.123	VV	598	8343	0.14%	0.040%
27	4.141	4.123	4.202	VV	1407	24492	0.40%	0.119%
28	4.229	4.202	4.241	VV	314	6309	0.10%	0.031%
29	4.273	4.241	4.321	VV	378	15919	0.26%	0.077%
30	4.337	4.321	4.362	VV	340	7203	0.12%	0.035%
31	4.384	4.362	4.405	VV	290	6078	0.10%	0.029%
32	4.449	4.405	4.495	VV	258	12115	0.20%	0.059%
33	4.539	4.495	4.551	VV	320	8943	0.15%	0.043%
34	4.568	4.551	4.608	VV	487	12934	0.21%	0.063%
35	4.615	4.608	4.652	VV	346	8331	0.14%	0.040%
36	4.658	4.652	4.675	VV	312	3449	0.06%	0.017%

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37	4.689	4.675	4.724	VV	356	7856	0.13%	0.038%
38	4.734	4.724	4.768	VV	473	7324	0.12%	0.035%
39	4.782	4.768	4.837	VV	254	7600	0.12%	0.037%
40	4.853	4.837	4.863	VV	246	2646	0.04%	0.013%
41	4.903	4.863	4.920	VV	247	7097	0.12%	0.034%
42	4.966	4.920	4.985	VV	335	10331	0.17%	0.050%
43	4.987	4.985	5.102	VV	322	17015	0.28%	0.082%
44	5.111	5.102	5.128	VV	157	2274	0.04%	0.011%
45	5.133	5.128	5.179	VV	191	4241	0.07%	0.021%
46	5.208	5.179	5.247	VV	266	6796	0.11%	0.033%
47	5.269	5.247	5.311	VV	258	5996	0.10%	0.029%
48	5.318	5.311	5.367	VV	113	3548	0.06%	0.017%
49	5.379	5.367	5.431	VV	119	2508	0.04%	0.012%
50	5.440	5.431	5.468	VV	78	1354	0.02%	0.007%
51	5.473	5.468	5.480	VV	76	466	0.01%	0.002%
52	5.510	5.480	5.562	VV	594	9989	0.16%	0.048%
53	5.573	5.562	5.641	VV	149	3437	0.06%	0.017%
54	5.650	5.641	5.661	PV	71	743	0.01%	0.004%
55	5.670	5.661	5.678	VV	61	615	0.01%	0.003%
56	5.685	5.678	5.695	VV	83	541	0.01%	0.003%
57	5.699	5.695	5.717	VV	105	1013	0.02%	0.005%
58	5.741	5.717	5.811	VV	2394	35189	0.58%	0.170%
59	5.820	5.811	5.842	VV	157	1974	0.03%	0.010%
60	5.895	5.842	5.928	VV	130	3982	0.07%	0.019%
61	5.949	5.928	5.985	VV	174	3180	0.05%	0.015%
62	5.997	5.985	6.013	VV	107	1588	0.03%	0.008%
63	6.021	6.013	6.035	VV	106	898	0.01%	0.004%
64	6.073	6.035	6.084	VV	151	2171	0.04%	0.011%
65	6.102	6.084	6.133	VV	94	2493	0.04%	0.012%
66	6.144	6.133	6.168	VV	163	1960	0.03%	0.009%
67	6.177	6.168	6.227	VV	145	3134	0.05%	0.015%
68	6.276	6.227	6.320	VV	1340	26232	0.43%	0.127%
69	6.336	6.320	6.351	VV	326	4986	0.08%	0.024%
70	6.371	6.351	6.405	VV	256	7739	0.13%	0.037%
71	6.448	6.405	6.478	VV	651	14653	0.24%	0.071%
72	6.501	6.478	6.515	VV	287	5341	0.09%	0.026%
73	6.522	6.515	6.555	VV	272	5540	0.09%	0.027%
74	6.574	6.555	6.595	VV	418	6849	0.11%	0.033%
75	6.619	6.595	6.646	VV	347	7320	0.12%	0.035%
76	6.687	6.646	6.714	VV	252	8099	0.13%	0.039%
77	6.732	6.714	6.781	VV	215	6181	0.10%	0.030%
78	6.814	6.781	6.867	VV	1139	18846	0.31%	0.091%
79	6.877	6.867	6.935	VV	189	4062	0.07%	0.020%
80	6.943	6.935	6.971	VV	142	2046	0.03%	0.010%
81	6.990	6.971	7.005	PV	128	1877	0.03%	0.009%
82	7.017	7.005	7.077	VV	140	2625	0.04%	0.013%
83	7.087	7.077	7.110	VV	68	849	0.01%	0.004%
84	7.132	7.110	7.166	VV	118	1761	0.03%	0.009%
85	7.215	7.166	7.278	VV	1140	19691	0.32%	0.095%
86	7.283	7.278	7.325	VV	172	3743	0.06%	0.018%
87	7.356	7.325	7.381	VV	182	4843	0.08%	0.023%
88	7.400	7.381	7.438	VV	813	13021	0.21%	0.063%
89	7.455	7.438	7.488	VV	159	3407	0.06%	0.016%

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90	7.500	7.488	7.528	VV	97	1435	0.02%	0.007%
91	7.550	7.528	7.596	VV	211	5231	0.09%	0.025%
92	7.605	7.596	7.625	VV	184	2567	0.04%	0.012%
93	7.647	7.625	7.660	VV	140	2674	0.04%	0.013%
94	7.678	7.660	7.724	VV	272	4374	0.07%	0.021%
95	7.747	7.724	7.781	VV	149	2819	0.05%	0.014%
96	7.806	7.781	7.875	VV	172	4704	0.08%	0.023%
97	8.056	8.041	8.075	VV	1234	20197	0.33%	0.098%
98	8.094	8.075	8.123	VV	1399	29689	0.49%	0.144%
99	8.134	8.123	8.241	VV	794	22311	0.37%	0.108%
100	8.255	8.241	8.318	VV	185	5431	0.09%	0.026%
101	8.336	8.318	8.363	VV	127	1806	0.03%	0.009%
102	8.375	8.363	8.405	VV	83	1286	0.02%	0.006%
103	8.458	8.405	8.508	VV	357	9940	0.16%	0.048%
104	8.522	8.508	8.538	VV	173	2695	0.04%	0.013%
105	8.560	8.538	8.608	VV	367	6983	0.11%	0.034%
106	8.622	8.608	8.649	VV	143	2262	0.04%	0.011%
107	8.698	8.649	8.729	VV	226	5943	0.10%	0.029%
108	8.739	8.729	8.786	VV	127	2993	0.05%	0.014%
109	8.804	8.786	8.824	VV	129	1359	0.02%	0.007%
110	8.992	8.982	9.016	VV	613	11337	0.19%	0.055%
111	9.038	9.016	9.171	VV	997	50586	0.83%	0.245%
112	9.192	9.171	9.226	VV	323	9082	0.15%	0.044%
113	9.249	9.226	9.270	VV	287	5581	0.09%	0.027%
114	9.303	9.270	9.368	VV	579	14836	0.24%	0.072%
115	9.388	9.368	9.420	VV	416	7563	0.12%	0.037%
116	9.430	9.420	9.510	VV	192	5917	0.10%	0.029%
117	9.528	9.510	9.546	PV	56	738	0.01%	0.004%
118	9.580	9.546	9.650	VV	294	7450	0.12%	0.036%
119	9.663	9.650	9.667	PV	53	318	0.01%	0.002%
120	9.676	9.667	9.694	VV	86	909	0.01%	0.004%
121	9.715	9.694	9.747	VV	512	7597	0.12%	0.037%
122	9.770	9.747	9.812	VV	582	8333	0.14%	0.040%
123	9.855	9.812	9.876	VV	196	4525	0.07%	0.022%
124	9.890	9.876	9.911	VV	138	2155	0.04%	0.010%
125	9.919	9.911	9.935	VV	159	1818	0.03%	0.009%
126	9.945	9.935	9.973	VV	127	2161	0.04%	0.010%
127	10.035	9.973	10.148	VV	51136	578975	9.49%	2.804%
128	10.167	10.148	10.215	VV	534	11386	0.19%	0.055%
129	10.231	10.215	10.250	VV	196	3802	0.06%	0.018%
130	10.272	10.250	10.318	VV	688	10189	0.17%	0.049%
131	10.338	10.318	10.345	PV	114	1183	0.02%	0.006%
132	10.352	10.345	10.381	VV	86	1382	0.02%	0.007%
133	10.406	10.381	10.454	VV	144	4370	0.07%	0.021%
134	10.469	10.454	10.488	VV	209	3053	0.05%	0.015%
135	10.509	10.488	10.536	VV	2432	29180	0.48%	0.141%
136	10.555	10.536	10.597	VV	447	10238	0.17%	0.050%
137	10.626	10.597	10.678	VV	421	14205	0.23%	0.069%
138	10.702	10.678	10.738	VV	274	7183	0.12%	0.035%
139	10.754	10.738	10.769	VV	259	3799	0.06%	0.018%
140	10.791	10.769	10.817	VV	398	8343	0.14%	0.040%
141	10.833	10.817	10.846	VV	332	4810	0.08%	0.023%

rteres

142	10.863	10.846	10.876	VV	406	5404	0.09%	0.026%
143	10.906	10.876	10.945	VV	630	14738	0.24%	0.071%
144	10.978	10.945	10.999	VV	788	13503	0.22%	0.065%
145	11.009	10.999	11.049	VV	356	7668	0.13%	0.037%
146	11.061	11.049	11.081	VV	166	2305	0.04%	0.011%
147	11.104	11.081	11.114	VV	160	2609	0.04%	0.013%
148	11.140	11.114	11.157	VV	255	4990	0.08%	0.024%
149	11.183	11.157	11.215	VV	1274	19849	0.33%	0.096%
150	11.245	11.215	11.268	VV	373	7914	0.13%	0.038%
151	11.305	11.268	11.348	VV	1209	24040	0.39%	0.116%
152	11.405	11.348	11.428	VV	252	11364	0.19%	0.055%
153	11.436	11.428	11.458	VV	256	4350	0.07%	0.021%
154	11.469	11.458	11.505	VV	285	6250	0.10%	0.030%
155	11.542	11.505	11.568	VV	941	18208	0.30%	0.088%
156	11.612	11.568	11.648	VV	921	24260	0.40%	0.117%
157	11.691	11.648	11.751	VV	2297	50183	0.82%	0.243%
158	11.772	11.751	11.795	VV	856	12739	0.21%	0.062%
159	11.805	11.795	11.831	VV	462	7246	0.12%	0.035%
160	11.870	11.831	11.893	VV	1315	22582	0.37%	0.109%
161	11.933	11.893	11.977	VV	541972	6098129	100.00%	29.530%
162	11.992	11.977	12.017	VV	759	16285	0.27%	0.079%
163	12.064	12.017	12.085	VV	1014	33749	0.55%	0.163%
164	12.097	12.085	12.148	VV	858	24107	0.40%	0.117%
165	12.161	12.148	12.192	VV	493	12073	0.20%	0.058%
166	12.273	12.192	12.311	VV	939	43236	0.71%	0.209%
167	12.332	12.311	12.348	VV	529	10660	0.17%	0.052%
168	12.376	12.348	12.451	VV	1139	35731	0.59%	0.173%
169	12.530	12.451	12.611	VV	73412	937744	15.38%	4.541%
170	12.648	12.611	12.695	VV	1476	54525	0.89%	0.264%
171	12.731	12.695	12.820	VV	1013	57206	0.94%	0.277%
172	12.851	12.820	12.889	VV	897	30833	0.51%	0.149%
173	12.922	12.889	12.961	VV	1258	34302	0.56%	0.166%
174	12.987	12.961	13.021	VV	3101	56944	0.93%	0.276%
175	13.036	13.021	13.105	VV	919	31389	0.51%	0.152%
176	13.121	13.105	13.130	VV	427	6366	0.10%	0.031%
177	13.160	13.130	13.226	VV	1447	43527	0.71%	0.211%
178	13.250	13.226	13.261	VV	613	11647	0.19%	0.056%
179	13.281	13.261	13.301	VV	855	16699	0.27%	0.081%
180	13.371	13.301	13.472	VV	398860	5008826	82.14%	24.255%
181	13.483	13.472	13.518	VV	948	20376	0.33%	0.099%
182	13.550	13.518	13.572	VV	1170	30585	0.50%	0.148%
183	13.603	13.572	13.623	VV	1584	35760	0.59%	0.173%
184	13.637	13.623	13.692	VV	1281	42720	0.70%	0.207%
185	13.704	13.692	13.720	VV	837	12681	0.21%	0.061%
186	13.761	13.720	13.901	VV	17895	313024	5.13%	1.516%
187	13.911	13.901	13.925	VV	693	9307	0.15%	0.045%
188	13.950	13.925	13.961	VV	740	15510	0.25%	0.075%
189	13.980	13.961	14.015	VV	824	22101	0.36%	0.107%
190	14.034	14.015	14.051	VV	710	13951	0.23%	0.068%
191	14.074	14.051	14.099	VV	1599	29220	0.48%	0.141%
192	14.121	14.099	14.141	VV	960	18026	0.30%	0.087%
193	14.152	14.141	14.301	VV	728	50220	0.82%	0.243%
194	14.360	14.301	14.381	VV	718	24140	0.40%	0.117%

rteres

195	14.397	14.381	14.421	VV	477	10473	0.17%	0.051%
196	14.481	14.421	14.501	VV	548	19926	0.33%	0.096%
197	14.559	14.501	14.581	VV	1373	35214	0.58%	0.171%
198	14.597	14.581	14.618	VV	698	14175	0.23%	0.069%
199	14.631	14.618	14.664	VV	634	15073	0.25%	0.073%
200	14.686	14.664	14.728	VV	881	22691	0.37%	0.110%
201	14.748	14.728	14.769	VV	874	16201	0.27%	0.078%
202	14.789	14.769	14.832	VV	662	20511	0.34%	0.099%
203	14.844	14.832	14.875	VV	420	8869	0.15%	0.043%
204	14.908	14.875	15.044	VV	903	38128	0.63%	0.185%
205	15.064	15.044	15.091	VV	477	7794	0.13%	0.038%
206	15.114	15.091	15.148	VV	293	7806	0.13%	0.038%
207	15.192	15.148	15.210	VV	842	18108	0.30%	0.088%
208	15.225	15.210	15.248	VV	817	13005	0.21%	0.063%
209	15.272	15.248	15.342	VV	1019	21228	0.35%	0.103%
210	15.361	15.342	15.393	VV	251	4012	0.07%	0.019%
211	15.419	15.393	15.495	VV	1159	20878	0.34%	0.101%
212	15.514	15.495	15.568	VV	184	3348	0.05%	0.016%
213	15.609	15.568	15.727	VV	16546	390364	6.40%	1.890%
214	15.748	15.727	15.789	VV	1585	47227	0.77%	0.229%
215	15.820	15.789	15.860	VV	3732	64020	1.05%	0.310%
216	15.876	15.860	15.915	VV	520	8711	0.14%	0.042%
217	15.966	15.915	16.031	VV	636	14805	0.24%	0.072%
218	16.068	16.031	16.098	PV	228	5962	0.10%	0.029%
219	16.111	16.098	16.163	VV	124	2611	0.04%	0.013%
220	16.209	16.163	16.227	VV	323	7274	0.12%	0.035%
221	16.250	16.227	16.294	VV	976	18361	0.30%	0.089%
222	16.312	16.294	16.345	VV	273	4911	0.08%	0.024%
223	16.386	16.345	16.408	VV	181	3746	0.06%	0.018%
224	16.462	16.408	16.499	PV	228	5800	0.10%	0.028%
225	16.546	16.499	16.578	PV	444	8833	0.14%	0.043%
226	16.601	16.578	16.623	VV	237	4920	0.08%	0.024%
227	16.696	16.623	16.711	VV	759	27075	0.44%	0.131%
228	16.734	16.711	16.765	VV	1367	24395	0.40%	0.118%
229	16.776	16.765	16.788	VV	267	3269	0.05%	0.016%
230	16.813	16.788	16.841	VV	1293	20896	0.34%	0.101%
231	16.867	16.841	16.891	VV	822	13927	0.23%	0.067%
232	16.905	16.891	16.924	VV	367	5566	0.09%	0.027%
233	16.947	16.924	16.995	VV	309	8441	0.14%	0.041%
234	17.002	16.995	17.028	VV	181	2642	0.04%	0.013%
235	17.091	17.028	17.115	VV	316	11171	0.18%	0.054%
236	17.201	17.115	17.230	VV	1614	35695	0.59%	0.173%
237	17.251	17.230	17.269	VV	801	12544	0.21%	0.061%
238	17.281	17.269	17.318	VV	486	8439	0.14%	0.041%
239	17.324	17.318	17.358	VV	179	3063	0.05%	0.015%
240	17.364	17.358	17.385	VV	162	1588	0.03%	0.008%
241	17.398	17.385	17.408	VV	127	1652	0.03%	0.008%
242	17.442	17.408	17.485	VV	468	9651	0.16%	0.047%
243	17.534	17.485	17.554	VV	368	8054	0.13%	0.039%
244	17.650	17.554	17.708	VV	2773	60419	0.99%	0.293%
245	17.741	17.708	17.801	VV	620	15926	0.26%	0.077%
246	17.836	17.801	17.844	VV	100	1101	0.02%	0.005%

rteres

247	17.876	17.844	17.906	PV	164	3217	0.05%	0.016%
248	17.939	17.906	17.958	PV	89	2100	0.03%	0.010%
249	17.984	17.958	17.998	PV	135	1782	0.03%	0.009%
250	18.046	17.998	18.067	VV	1267	22096	0.36%	0.107%
251	18.090	18.067	18.121	VV	1859	28059	0.46%	0.136%
252	18.181	18.121	18.208	VV	1249	19481	0.32%	0.094%
253	18.238	18.208	18.250	VV	587	7753	0.13%	0.038%
254	18.267	18.250	18.298	VV	459	9457	0.16%	0.046%
255	18.317	18.298	18.345	VV	802	10324	0.17%	0.050%
256	18.370	18.345	18.384	PV	391	5804	0.10%	0.028%
257	18.412	18.384	18.424	VV	1007	14963	0.25%	0.072%
258	18.450	18.424	18.492	VV	7567	156747	2.57%	0.759%
259	18.515	18.492	18.565	VV	3501	75989	1.25%	0.368%
260	18.604	18.565	18.635	VV	884	22124	0.36%	0.107%
261	18.648	18.635	18.672	VV	276	4264	0.07%	0.021%
262	18.730	18.672	18.742	VV	197	4924	0.08%	0.024%
263	18.806	18.742	18.835	VV	286	9444	0.15%	0.046%
264	18.923	18.835	18.979	VV	2192	54614	0.90%	0.264%
265	19.025	18.979	19.055	VV	1277	26559	0.44%	0.129%
266	19.080	19.055	19.147	VV	687	16369	0.27%	0.079%
267	19.200	19.147	19.215	PV	167	3958	0.06%	0.019%
268	19.284	19.215	19.308	PV	3155	66317	1.09%	0.321%
269	19.326	19.308	19.379	VV	2600	61755	1.01%	0.299%
270	19.511	19.379	19.548	VV	540	37660	0.62%	0.182%
271	19.575	19.548	19.585	VV	137	1794	0.03%	0.009%
272	19.615	19.585	19.640	VV	435	6254	0.10%	0.030%
273	19.711	19.640	19.738	VV	1255	28264	0.46%	0.137%
274	19.770	19.738	19.793	VV	1315	29651	0.49%	0.144%
275	19.820	19.793	19.843	VV	1263	30260	0.50%	0.147%
276	19.879	19.843	19.911	VV	2300	57948	0.95%	0.281%
277	20.006	19.911	20.036	VV	2098	107996	1.77%	0.523%
278	20.073	20.036	20.102	VV	3670	102833	1.69%	0.498%
279	20.116	20.102	20.144	VV	2345	53681	0.88%	0.260%
280	20.297	20.144	20.338	VV	3228	281726	4.62%	1.364%
281	20.450	20.338	20.473	VV	3322	229404	3.76%	1.111%
282	20.513	20.473	20.520	VV	3476	91946	1.51%	0.445%
283	20.613	20.520	20.631	VV	3763	239977	3.94%	1.162%
284	20.810	20.631	20.865	VV	4647	597341	9.80%	2.893%
285	20.902	20.865	20.948	VV	4267	205629	3.37%	0.996%
286	20.983	20.948	21.018	VV	4428	171242	2.81%	0.829%
287	21.042	21.018	21.075	VV	3815	124783	2.05%	0.604%
288	21.193	21.075	21.230	VV	4136	353015	5.79%	1.709%
289	21.255	21.230	21.291	VV	3768	133071	2.18%	0.644%
290	21.315	21.291	21.376	VV	3565	170073	2.79%	0.824%
291	21.389	21.376	21.466	VV	3017	149156	2.45%	0.722%
292	21.526	21.466	21.564	VV	2902	153548	2.52%	0.744%
293	21.627	21.564	21.688	VV	2636	176390	2.89%	0.854%
294	21.695	21.688	21.705	VV	2021	19799	0.32%	0.096%
295	21.709	21.705	21.784	VV	1971	83085	1.36%	0.402%
296	21.798	21.784	21.805	VV	1500	18370	0.30%	0.089%
297	21.811	21.805	21.820	VV	1401	12165	0.20%	0.059%
298	21.859	21.820	21.915	VV	1498	74288	1.22%	0.360%
299	21.926	21.915	21.958	VV	1026	23732	0.39%	0.115%

rteres

300	21.964	21.958	21.971	VV	791	6245	0.10%	0.030%
301	22.012	21.971	22.081	VV	798	37898	0.62%	0.184%
302	22.105	22.081	22.130	VV	331	6459	0.11%	0.031%
303	22.177	22.130	22.201	VBA	312	23789	0.39%	0.115%

Sum of corrected areas: 20650571

Aliphatic EPH 011425.M Sat Feb 01 00:43:05 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020125AL\
Data File : FF015415.D
Signal(s) : FID2B.ch
Acq On : 31 Jan 2025 14:51
Operator : YP\AJ
Sample : Q1237-02
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
HL2PX2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

Integration File: sample.E
Quant Time: Jan 31 23:21:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 15:33:37 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			
9) S ortho-Terphenyl (SURR)	11.931	5145365	32.363 ug/mlm
Spiked Amount 50.000		Recovery =	64.73%
12) S 1-chlorooctadecane (S...	13.370	4209270	33.764 ug/ml
Spiked Amount 50.000		Recovery =	67.53%
Target Compounds			

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

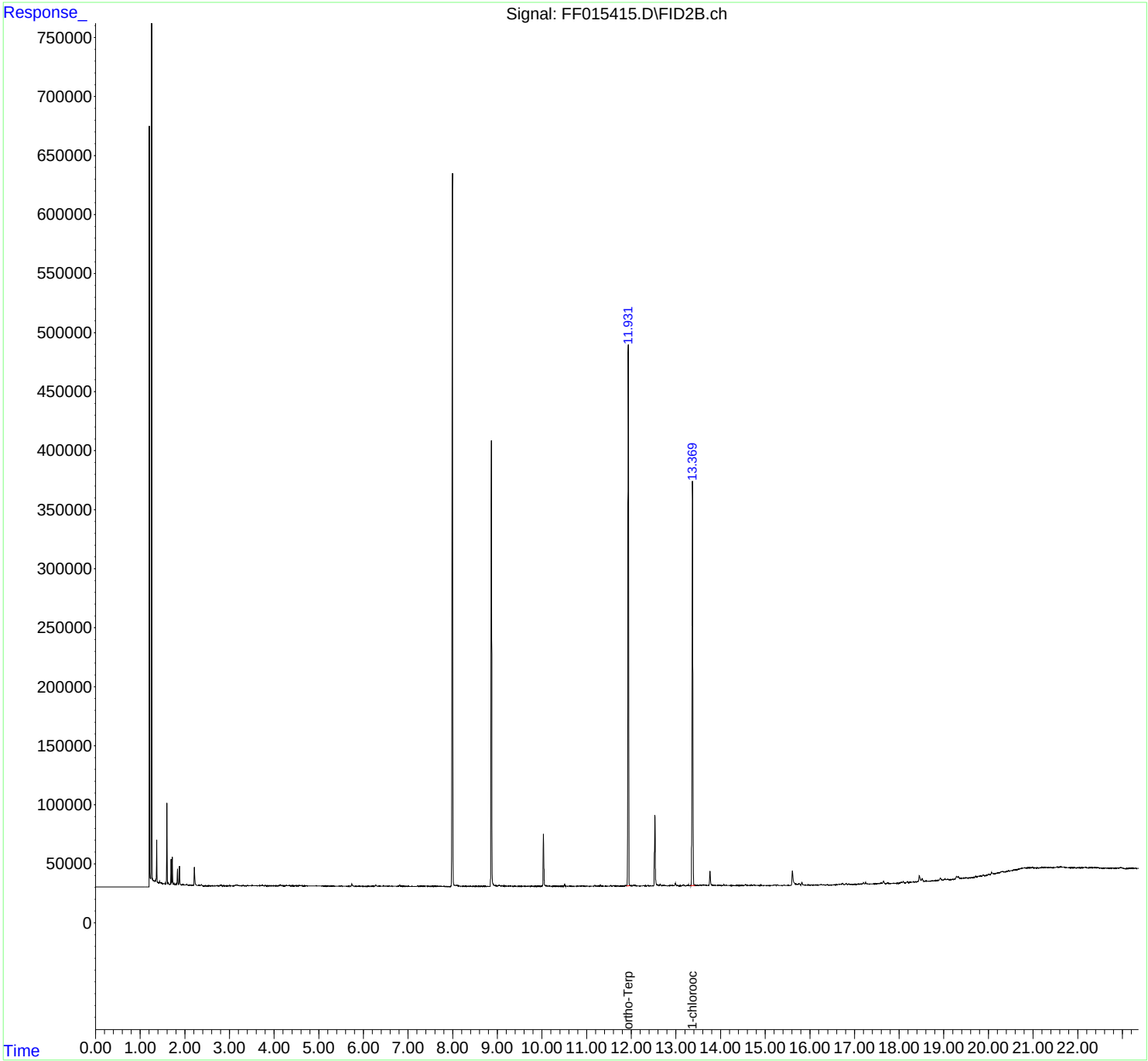
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020125AL\
Data File : FF015415.D
Signal(s) : FID2B.ch
Acq On : 31 Jan 2025 14:51
Operator : YP\AJ
Sample : Q1237-02
Misc :
ALS Vial : 72 Sample Multiplier: 1

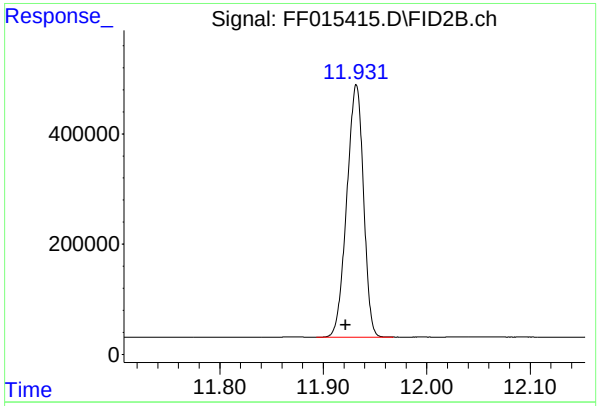
Integration File: sample.E
Quant Time: Jan 31 23:21:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 15:33:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
FID_F
ClientSampleId :
HL2PX2

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025





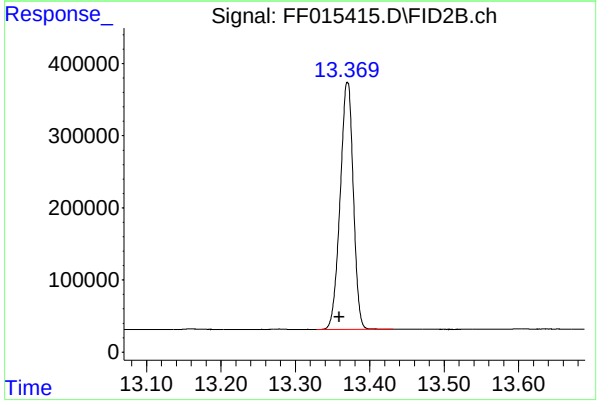
#9 ortho-Terphenyl (SURR)

R.T.: 11.931 min
Delta R.T.: 0.010 min
Response: 5145365
Conc: 32.36 ug/ml

Instrument :
FID_F
ClientSampleId :
HL2PX2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: 0.011 min
Response: 4209270
Conc: 33.76 ug/ml

5

Instrument :
FID_F
ClientSampleId :
HL2PX2

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF02012
Data File : FF015415.D
Signal(s) : FID2B.ch
Acq On : 31 Jan 2025 14:51
Sample : Q1237-02
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.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	2.857	2.843	2.869	PV	57	598	0.01%	0.003%
2	2.884	2.869	2.926	VV	125	1293	0.03%	0.007%
3	2.932	2.926	2.958	VV	54	443	0.01%	0.003%
4	2.968	2.958	2.988	VV	68	424	0.01%	0.002%
5	3.005	2.988	3.057	VV	170	3376	0.07%	0.019%
6	3.098	3.057	3.107	PV	161	3432	0.07%	0.020%
7	3.165	3.107	3.252	VV	921	37312	0.72%	0.214%
8	3.259	3.252	3.272	VV	228	2344	0.05%	0.013%
9	3.305	3.272	3.355	VV	309	11430	0.22%	0.066%
10	3.362	3.355	3.371	VV	230	1852	0.04%	0.011%
11	3.375	3.371	3.382	VV	217	1223	0.02%	0.007%
12	3.402	3.382	3.430	VV	302	6701	0.13%	0.038%
13	3.442	3.430	3.462	VV	306	4987	0.10%	0.029%
14	3.501	3.462	3.521	VV	327	9441	0.18%	0.054%
15	3.530	3.521	3.541	VV	283	3213	0.06%	0.018%
16	3.549	3.541	3.608	VV	288	10649	0.21%	0.061%
17	3.616	3.608	3.626	VV	248	2843	0.06%	0.016%
18	3.638	3.626	3.651	VV	310	3910	0.08%	0.022%
19	3.686	3.651	3.704	VV	374	9890	0.19%	0.057%
20	3.736	3.704	3.778	VV	816	20252	0.39%	0.116%
21	3.792	3.778	3.864	VV	715	15009	0.29%	0.086%
22	3.876	3.864	3.883	VV	226	2215	0.04%	0.013%
23	3.907	3.883	3.974	VV	592	13884	0.27%	0.080%
24	3.993	3.974	4.078	VV	410	14740	0.29%	0.084%
25	4.111	4.078	4.128	VV	543	10022	0.19%	0.057%
26	4.142	4.128	4.219	VV	1040	23788	0.46%	0.136%
27	4.277	4.219	4.324	VV	501	23789	0.46%	0.136%
28	4.335	4.324	4.379	VV	434	11219	0.22%	0.064%
29	4.388	4.379	4.444	VV	313	11171	0.22%	0.064%
30	4.461	4.444	4.503	VV	325	9601	0.19%	0.055%
31	4.571	4.503	4.678	VV	551	37189	0.72%	0.213%
32	4.689	4.678	4.714	VV	359	6185	0.12%	0.035%
33	4.735	4.714	4.768	VV	458	9039	0.18%	0.052%
34	4.778	4.768	4.816	VV	265	6130	0.12%	0.035%
35	4.825	4.816	4.853	VV	215	4570	0.09%	0.026%
36	4.892	4.853	4.901	VV	285	6704	0.13%	0.038%

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Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
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A B C D E F G H I J

rteres

37	4.909	4.901	4.915	VV	279	2045	0.04%	0.012%
38	4.946	4.915	5.012	VV	316	16562	[illegible]	
39	5.035	5.012	5.144	VV	302	17813	[illegible]	
40	5.158	5.144	5.171	VV	209	2917	[illegible]	
41	5.207	5.171	5.245	VV	278	8892	[illegible]	
42	5.271	5.245	5.305	VV	201	5682	[illegible]	
43	5.311	5.305	5.377	VV	162	5578	0.11%	0.032%
44	5.388	5.377	5.426	VV	159	2645	0.05%	0.015%
45	5.512	5.426	5.571	VV	529	13027	0.25%	0.075%
46	5.580	5.571	5.618	VV	150	2419	0.05%	0.014%
47	5.630	5.618	5.681	PV	103	2648	0.05%	0.015%
48	5.699	5.681	5.720	VV	137	2366	0.05%	0.014%
49	5.741	5.720	5.865	VV	2257	34044	0.66%	0.195%
50	5.888	5.865	5.927	VV	131	2528	0.05%	0.014%
51	5.947	5.927	5.983	VV	156	2907	0.06%	0.017%
52	6.019	5.983	6.044	VV	109	2638	0.05%	0.015%
53	6.071	6.044	6.089	VV	122	1978	0.04%	0.011%
54	6.105	6.089	6.156	VV	120	3654	0.07%	0.021%
55	6.169	6.156	6.211	VV	109	2309	0.04%	0.013%
56	6.223	6.211	6.229	VV	115	875	0.02%	0.005%
57	6.277	6.229	6.351	VV	1099	25113	0.49%	0.144%
58	6.368	6.351	6.426	VV	292	10631	0.21%	0.061%
59	6.448	6.426	6.485	VV	569	10822	0.21%	0.062%
60	6.497	6.485	6.513	VV	246	3642	0.07%	0.021%
61	6.528	6.513	6.549	VV	228	4436	0.09%	0.025%
62	6.574	6.549	6.595	VV	348	6811	0.13%	0.039%
63	6.623	6.595	6.639	VV	272	5606	0.11%	0.032%
64	6.682	6.639	6.699	VV	254	6094	0.12%	0.035%
65	6.729	6.699	6.784	VV	260	7426	0.14%	0.043%
66	6.814	6.784	6.928	VV	1180	21433	0.42%	0.123%
67	6.944	6.928	7.004	VV	140	3332	0.06%	0.019%
68	7.014	7.004	7.041	VV	121	1499	0.03%	0.009%
69	7.090	7.041	7.134	PV	84	2003	0.04%	0.011%
70	7.147	7.134	7.161	PV	98	607	0.01%	0.003%
71	7.216	7.161	7.328	VV	641	18532	0.36%	0.106%
72	7.371	7.328	7.381	VV	197	4520	0.09%	0.026%
73	7.401	7.381	7.445	VV	537	10676	0.21%	0.061%
74	7.454	7.445	7.492	VV	175	2924	0.06%	0.017%
75	7.515	7.492	7.538	VV	156	2306	0.04%	0.013%
76	7.614	7.538	7.668	VV	206	11585	0.22%	0.066%
77	7.679	7.668	7.729	VV	277	4865	0.09%	0.028%
78	7.747	7.729	7.785	VV	158	2785	0.05%	0.016%
79	7.810	7.785	7.832	VV	162	2681	0.05%	0.015%
80	7.844	7.832	7.854	VV	96	647	0.01%	0.004%
81	7.866	7.854	7.894	VV	99	963	0.02%	0.006%
82	7.919	7.894	7.946	PV	58	1020	0.02%	0.006%
83	8.057	8.045	8.075	VV	1168	17926	0.35%	0.103%
84	8.094	8.075	8.278	VV	1189	52878	1.02%	0.303%
85	8.286	8.278	8.295	VV	142	1308	0.03%	0.008%
86	8.303	8.295	8.314	VV	156	1694	0.03%	0.010%
87	8.334	8.314	8.392	VV	205	6088	0.12%	0.035%
88	8.406	8.392	8.417	VV	133	1379	0.03%	0.008%
89	8.459	8.417	8.516	VV	393	11724	0.23%	0.067%

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Instrument :
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Manual IntegrationsAPPROVED

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rteres

90	8.526	8.516	8.537	VV	230	2235	0.04%	0.013%
91	8.559	8.537	8.603	VV	313	6962		
92	8.622	8.603	8.648	VV	177	2799		
93	8.707	8.648	8.739	VV	189	7075		
94	8.746	8.739	8.812	VV	131	3290		
95	8.822	8.812	8.832	VV	83	571		
96	8.991	8.982	9.009	VV	569	8932	0.17%	0.051%
97	9.036	9.009	9.138	VV	1078	46590	0.90%	0.267%
98	9.158	9.138	9.175	VV	390	6606	0.13%	0.038%
99	9.197	9.175	9.232	VV	385	9725	0.19%	0.056%
100	9.253	9.232	9.266	VV	270	5037	0.10%	0.029%
101	9.301	9.266	9.364	VV	543	14827	0.29%	0.085%
102	9.387	9.364	9.424	VV	353	7444	0.14%	0.043%
103	9.433	9.424	9.439	VV	212	1476	0.03%	0.008%
104	9.448	9.439	9.488	VV	221	3663	0.07%	0.021%
105	9.522	9.488	9.535	VV	112	2109	0.04%	0.012%
106	9.541	9.535	9.551	VV	117	1057	0.02%	0.006%
107	9.575	9.551	9.691	VV	244	7642	0.15%	0.044%
108	9.717	9.691	9.751	VV	364	5898	0.11%	0.034%
109	9.768	9.751	9.809	VV	278	4721	0.09%	0.027%
110	9.857	9.809	9.912	VV	179	6096	0.12%	0.035%
111	9.923	9.912	9.977	VV	135	3080	0.06%	0.018%
112	10.035	9.977	10.148	VV	44482	505430	9.79%	2.897%
113	10.166	10.148	10.219	VV	451	9260	0.18%	0.053%
114	10.230	10.219	10.253	VV	139	2147	0.04%	0.012%
115	10.273	10.253	10.300	VV	289	4212	0.08%	0.024%
116	10.339	10.300	10.371	VV	96	2040	0.04%	0.012%
117	10.398	10.371	10.425	VV	141	2743	0.05%	0.016%
118	10.434	10.425	10.451	VV	132	930	0.02%	0.005%
119	10.509	10.451	10.540	PV	2032	26396	0.51%	0.151%
120	10.554	10.540	10.575	VV	228	3084	0.06%	0.018%
121	10.583	10.575	10.591	VV	171	1498	0.03%	0.009%
122	10.613	10.591	10.680	VV	314	10963	0.21%	0.063%
123	10.694	10.680	10.715	VV	184	2414	0.05%	0.014%
124	10.726	10.715	10.770	VV	182	4155	0.08%	0.024%
125	10.793	10.770	10.818	VV	295	4946	0.10%	0.028%
126	10.833	10.818	10.844	VV	233	2773	0.05%	0.016%
127	10.864	10.844	10.877	VV	328	4559	0.09%	0.026%
128	10.905	10.877	10.939	VV	424	8953	0.17%	0.051%
129	10.948	10.939	11.029	VV	290	8577	0.17%	0.049%
130	11.042	11.029	11.066	VV	166	2833	0.05%	0.016%
131	11.074	11.066	11.082	VV	69	598	0.01%	0.003%
132	11.132	11.082	11.154	VV	185	4443	0.09%	0.025%
133	11.183	11.154	11.235	VV	936	16439	0.32%	0.094%
134	11.248	11.235	11.264	VV	205	2793	0.05%	0.016%
135	11.305	11.264	11.345	VV	974	18266	0.35%	0.105%
136	11.362	11.345	11.405	VV	224	5779	0.11%	0.033%
137	11.422	11.405	11.438	VV	186	2658	0.05%	0.015%
138	11.445	11.438	11.463	VV	149	1869	0.04%	0.011%
139	11.472	11.463	11.481	VV	163	1319	0.03%	0.008%
140	11.490	11.481	11.499	VV	148	1159	0.02%	0.007%
141	11.541	11.499	11.564	VV	694	11689	0.23%	0.067%

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					rteres			
142	11.610	11.564	11.645	VV	755	17388	0.34%	0.100%
143	11.653	11.645	11.667	VV	168	1932	0	
144	11.688	11.667	11.740	VV	520	11817	0	
145	11.772	11.740	11.791	VV	294	4891	0	
146	11.807	11.791	11.835	VV	266	4078	0	
147	11.871	11.835	11.895	PV	891	14188	0	
148	11.932	11.895	11.980	VV	457543	5162613	100.00%	29.594%
149	11.996	11.980	12.011	VV	549	8757	0.17%	0.050%
150	12.035	12.011	12.052	VV	903	16686	0.32%	0.096%
151	12.061	12.052	12.083	VV	748	11726	0.23%	0.067%
152	12.094	12.083	12.143	VV	567	13199	0.26%	0.076%
153	12.154	12.143	12.197	VV	285	7006	0.14%	0.040%
154	12.209	12.197	12.228	VV	244	3791	0.07%	0.022%
155	12.280	12.228	12.349	VV	488	22433	0.43%	0.129%
156	12.375	12.349	12.451	VV	781	19528	0.38%	0.112%
157	12.529	12.451	12.603	VV	59897	750920	14.55%	4.305%
158	12.611	12.603	12.623	VV	793	9113	0.18%	0.052%
159	12.646	12.623	12.694	VV	1179	32798	0.64%	0.188%
160	12.731	12.694	12.831	VV	709	35227	0.68%	0.202%
161	12.856	12.831	12.890	VV	493	13834	0.27%	0.079%
162	12.921	12.890	12.956	VV	674	16897	0.33%	0.097%
163	12.986	12.956	13.028	VV	2358	41942	0.81%	0.240%
164	13.040	13.028	13.088	VV	570	11763	0.23%	0.067%
165	13.099	13.088	13.108	VV	212	2272	0.04%	0.013%
166	13.160	13.108	13.225	VV	965	27030	0.52%	0.155%
167	13.278	13.225	13.326	VV	800	19830	0.38%	0.114%
168	13.370	13.326	13.467	VV	346463	4241985	82.17%	24.316%
169	13.484	13.467	13.515	VV	540	11991	0.23%	0.069%
170	13.544	13.515	13.571	VV	621	17108	0.33%	0.098%
171	13.603	13.571	13.620	VV	1026	20677	0.40%	0.119%
172	13.636	13.620	13.699	VV	832	29490	0.57%	0.169%
173	13.761	13.699	13.864	VV	12545	203279	3.94%	1.165%
174	13.881	13.864	13.919	VV	455	12582	0.24%	0.072%
175	13.940	13.919	13.960	VV	419	9436	0.18%	0.054%
176	13.982	13.960	14.018	VV	449	11965	0.23%	0.069%
177	14.034	14.018	14.046	VV	316	4492	0.09%	0.026%
178	14.074	14.046	14.097	VV	833	14677	0.28%	0.084%
179	14.121	14.097	14.142	VV	558	9763	0.19%	0.056%
180	14.161	14.142	14.228	VV	333	13011	0.25%	0.075%
181	14.247	14.228	14.328	VV	225	7151	0.14%	0.041%
182	14.362	14.328	14.388	VV	196	4965	0.10%	0.028%
183	14.398	14.388	14.435	VV	156	2797	0.05%	0.016%
184	14.489	14.435	14.503	VV	212	4810	0.09%	0.028%
185	14.559	14.503	14.661	VV	985	31155	0.60%	0.179%
186	14.687	14.661	14.720	VV	560	11245	0.22%	0.064%
187	14.748	14.720	14.775	VV	740	13532	0.26%	0.078%
188	14.788	14.775	14.830	VV	381	7849	0.15%	0.045%
189	14.844	14.830	14.891	VV	238	4296	0.08%	0.025%
190	14.910	14.891	14.941	VV	459	7898	0.15%	0.045%
191	14.950	14.941	14.961	VV	146	1239	0.02%	0.007%
192	14.999	14.961	15.041	VV	174	5110	0.10%	0.029%
193	15.064	15.041	15.101	VV	186	3087	0.06%	0.018%
194	15.121	15.101	15.153	VV	141	2242	0.04%	0.013%

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rteres

195	15.191	15.153	15.211	VV	517	9379	0.18%	0.054%
196	15.227	15.211	15.250	VV	592	8902		
197	15.273	15.250	15.339	VV	684	11368		
198	15.348	15.339	15.365	VV	39	361		
199	15.368	15.365	15.377	VV	106	268		
200	15.420	15.377	15.443	PV	511	7280		
201	15.458	15.443	15.493	VV	74	1644	0.03%	0.009%
202	15.518	15.493	15.571	VV	104	2132	0.04%	0.012%
203	15.608	15.571	15.721	VV	12517	274518	5.32%	1.574%
204	15.763	15.721	15.788	VV	1354	40868	0.79%	0.234%
205	15.821	15.788	15.861	VV	2623	46275	0.90%	0.265%
206	15.874	15.861	15.928	VV	392	8429	0.16%	0.048%
207	15.932	15.928	15.948	VV	122	1113	0.02%	0.006%
208	15.967	15.948	16.034	VV	435	9148	0.18%	0.052%
209	16.074	16.034	16.088	PV	149	2420	0.05%	0.014%
210	16.218	16.088	16.225	VV	238	9323	0.18%	0.053%
211	16.250	16.225	16.293	VV	863	15369	0.30%	0.088%
212	16.316	16.293	16.338	VV	241	4481	0.09%	0.026%
213	16.387	16.338	16.415	VV	247	5952	0.12%	0.034%
214	16.459	16.415	16.507	VV	84	2468	0.05%	0.014%
215	16.542	16.507	16.552	PV	285	3723	0.07%	0.021%
216	16.558	16.552	16.581	VV	222	2460	0.05%	0.014%
217	16.600	16.581	16.613	VV	223	2819	0.05%	0.016%
218	16.645	16.613	16.678	VV	414	12769	0.25%	0.073%
219	16.698	16.678	16.715	VV	690	12199	0.24%	0.070%
220	16.734	16.715	16.771	VV	1284	22222	0.43%	0.127%
221	16.813	16.771	16.847	VV	1008	20528	0.40%	0.118%
222	16.869	16.847	16.925	VV	550	13674	0.26%	0.078%
223	16.931	16.925	16.985	VV	253	6023	0.12%	0.035%
224	16.994	16.985	17.025	VV	135	2114	0.04%	0.012%
225	17.099	17.025	17.120	VV	294	9557	0.19%	0.055%
226	17.202	17.120	17.228	VV	1396	30320	0.59%	0.174%
227	17.250	17.228	17.271	VV	1098	16923	0.33%	0.097%
228	17.281	17.271	17.305	VV	445	6112	0.12%	0.035%
229	17.314	17.305	17.335	VV	173	2257	0.04%	0.013%
230	17.359	17.335	17.388	VV	162	3247	0.06%	0.019%
231	17.439	17.388	17.471	VV	198	5283	0.10%	0.030%
232	17.491	17.471	17.507	VV	167	2546	0.05%	0.015%
233	17.535	17.507	17.557	VV	304	6013	0.12%	0.034%
234	17.650	17.557	17.708	VV	2400	56983	1.10%	0.327%
235	17.741	17.708	17.811	VV	612	15711	0.30%	0.090%
236	17.831	17.811	17.848	VV	95	1315	0.03%	0.008%
237	17.868	17.848	17.902	VV	125	2458	0.05%	0.014%
238	17.918	17.902	17.931	PV	63	730	0.01%	0.004%
239	18.047	17.931	18.071	VV	848	15633	0.30%	0.090%
240	18.092	18.071	18.118	VV	1570	21693	0.42%	0.124%
241	18.181	18.118	18.215	PV	1107	17310	0.34%	0.099%
242	18.268	18.215	18.281	VV	348	6755	0.13%	0.039%
243	18.285	18.281	18.294	VV	249	1399	0.03%	0.008%
244	18.318	18.294	18.343	VV	577	8383	0.16%	0.048%
245	18.371	18.343	18.387	PV	382	5751	0.11%	0.033%
246	18.412	18.387	18.425	VV	737	10718	0.21%	0.061%

5

Instrument :
FID_F
ClientSampleId :
HL2PX2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

A B C D E F G H I J

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247	18.452	18.425	18.492	VV	5338	107832	2.09%	0.618%
248	18.515	18.492	18.557	VV	2653	54531	1	
249	18.605	18.557	18.631	VV	308	12445	0	
250	18.667	18.631	18.681	VV	70	2300	0	
251	18.723	18.681	18.735	PV	115	1101	0	
252	18.924	18.735	18.981	VV	1963	53721	1	
253	19.025	18.981	19.052	VV	970	21240	0.41%	0.122%
254	19.077	19.052	19.121	VV	490	11130	0.22%	0.064%
255	19.128	19.121	19.139	VV	117	652	0.01%	0.004%
256	19.284	19.139	19.308	PV	2386	54282	1.05%	0.311%
257	19.324	19.308	19.379	VV	1935	47257	0.92%	0.271%
258	19.458	19.379	19.471	VV	415	20493	0.40%	0.117%
259	19.515	19.471	19.548	VV	522	17473	0.34%	0.100%
260	19.574	19.548	19.588	VV	202	3084	0.06%	0.018%
261	19.615	19.588	19.638	PV	440	6602	0.13%	0.038%
262	19.712	19.638	19.737	VV	1121	29661	0.57%	0.170%
263	19.771	19.737	19.793	VV	1123	25485	0.49%	0.146%
264	19.823	19.793	19.847	VV	1070	28122	0.54%	0.161%
265	19.881	19.847	19.910	VV	1806	45603	0.88%	0.261%
266	20.009	19.910	20.034	VV	1745	94701	1.83%	0.543%
267	20.074	20.034	20.105	VV	3009	91821	1.78%	0.526%
268	20.121	20.105	20.144	VV	1971	44501	0.86%	0.255%
269	20.296	20.144	20.343	VV	3174	293140	5.68%	1.680%
270	20.453	20.343	20.478	VV	3391	231881	4.49%	1.329%
271	20.765	20.478	20.785	VV	4531	690160	13.37%	3.956%
272	20.813	20.785	20.867	VV	4572	217488	4.21%	1.247%
273	20.911	20.867	20.944	VV	4362	198327	3.84%	1.137%
274	20.985	20.944	21.018	VV	4367	181084	3.51%	1.038%
275	21.098	21.018	21.123	VV	3576	227222	4.40%	1.303%
276	21.200	21.123	21.229	VV	3709	220205	4.27%	1.262%
277	21.264	21.229	21.291	VV	3319	122940	2.38%	0.705%
278	21.310	21.291	21.329	VV	3160	70759	1.37%	0.406%
279	21.337	21.329	21.371	VV	3018	74004	1.43%	0.424%
280	21.378	21.371	21.447	VV	2884	123144	2.39%	0.706%
281	21.533	21.447	21.571	VV	2761	191778	3.71%	1.099%
282	21.579	21.571	21.588	VV	2475	25363	0.49%	0.145%
283	21.624	21.588	21.771	VV	2716	234152	4.54%	1.342%
284	21.785	21.771	21.861	VV	1516	70655	1.37%	0.405%
285	21.868	21.861	21.906	VV	1116	27517	0.53%	0.158%
286	21.911	21.906	21.968	VV	925	28968	0.56%	0.166%
287	21.999	21.968	22.055	VV	722	31709	0.61%	0.182%
288	22.057	22.055	22.101	VV	488	9048	0.18%	0.052%
289	22.116	22.101	22.123	VV	240	3015	0.06%	0.017%
290	22.171	22.123	22.201	VBA	464	28453	0.55%	0.163%

Sum of corrected areas: 17444980

Aliphatic EPH 011425.M Sat Feb 01 00:43:29 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020125AL\
Data File : FF015416.D
Signal(s) : FID2B.ch
Acq On : 31 Jan 2025 15:20
Operator : YP\AJ
Sample : Q1237-03
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
HL2PX3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

Integration File: sample.E
Quant Time: Jan 31 23:22:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 15:33:37 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			
9) S ortho-Terphenyl (SURR)	11.933	5449280	34.274 ug/mlm
Spiked Amount 50.000		Recovery =	68.55%
12) S 1-chlorooctadecane (S...	13.371	4436996	35.591 ug/ml
Spiked Amount 50.000		Recovery =	71.18%
Target Compounds			

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

Sample Results: **FF015416.D**

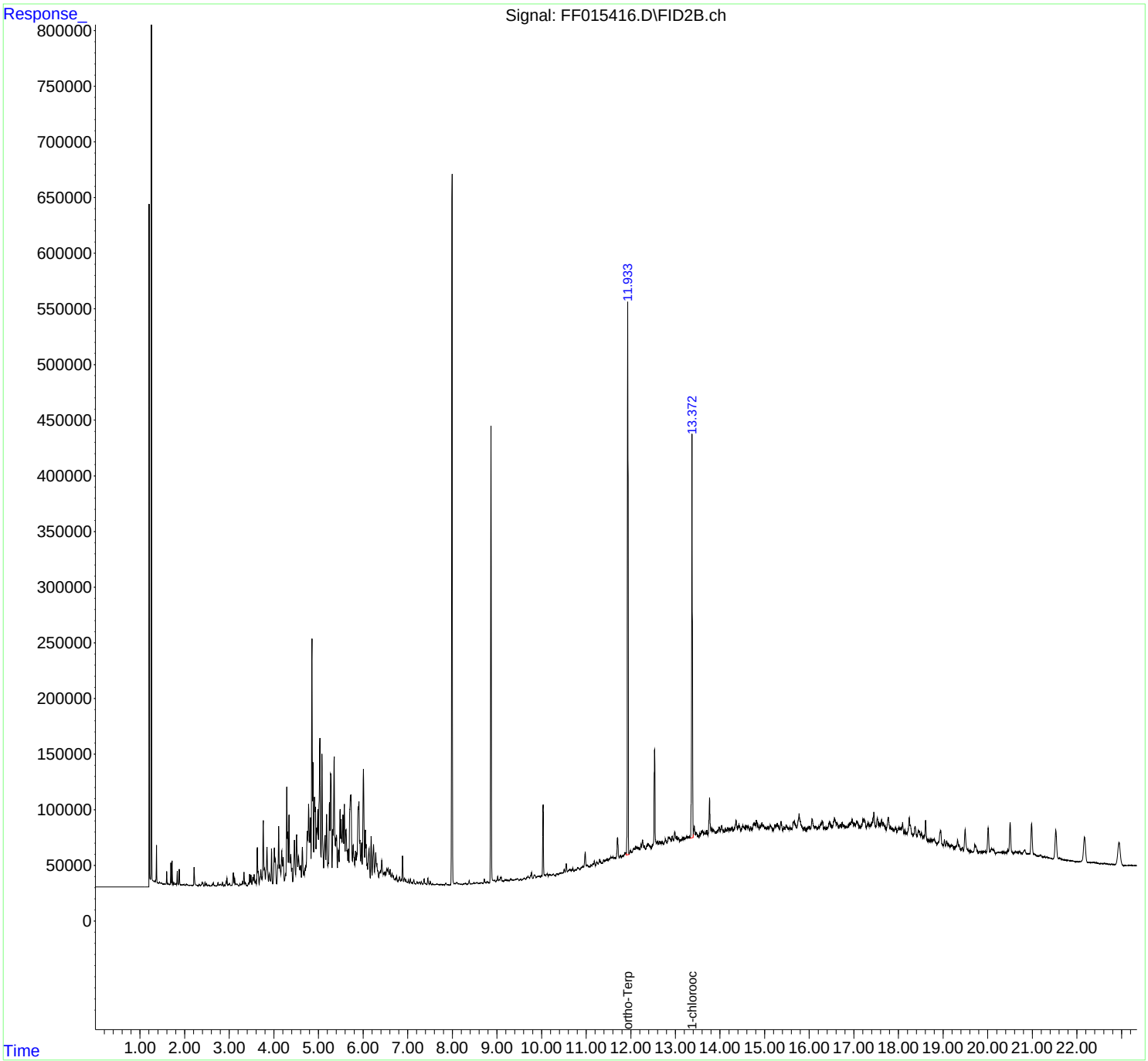
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020125AL\
Data File : FF015416.D
Signal(s) : FID2B.ch
Acq On : 31 Jan 2025 15:20
Operator : YP\AJ
Sample : Q1237-03
Misc :
ALS Vial : 73 Sample Multiplier: 1

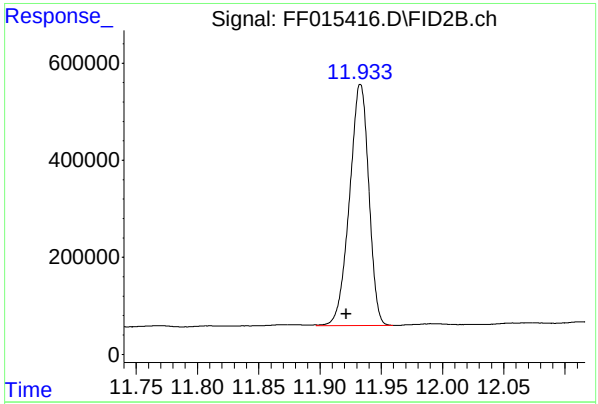
Integration File: sample.E
Quant Time: Jan 31 23:22:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 15:33:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
FID_F
ClientSampleId :
HL2PX3

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025





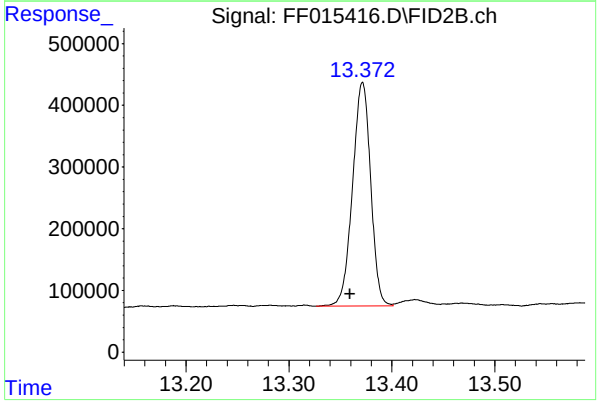
#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: 0.011 min
Response: 5449280
Conc: 34.27 ug/ml

Instrument :
FID_F
ClientSampleId :
HL2PX3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025



#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: 0.012 min
Response: 4436996
Conc: 35.59 ug/ml

5

Instrument :
FID_F
ClientSampleId :
HL2PX3

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF02012
Data File : FF015416.D
Signal(s) : FID2B.ch
Acq On : 31 Jan 2025 15:20
Sample : Q1237-03
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.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	2.851	2.802	2.872	BV	2882	22675	0.36%	0.008%
2	2.890	2.872	2.907	PV	809	7714	0.12%	0.003%
3	2.949	2.907	2.970	PV	6857	103801	1.63%	0.038%
4	2.982	2.970	2.988	VV	1029	8967	0.14%	0.003%
5	3.004	2.988	3.036	VV	2243	32560	0.51%	0.012%
6	3.052	3.036	3.060	VV	550	5449	0.09%	0.002%
7	3.092	3.060	3.109	VV	11898	166703	2.62%	0.062%
8	3.121	3.109	3.145	VV	6924	84110	1.32%	0.031%
9	3.159	3.145	3.167	VV	1560	17601	0.28%	0.007%
10	3.178	3.167	3.217	VV	1717	25388	0.40%	0.009%
11	3.239	3.217	3.256	VV	1814	19796	0.31%	0.007%
12	3.273	3.256	3.285	VV	1637	19717	0.31%	0.007%
13	3.301	3.285	3.312	VV	4092	46065	0.72%	0.017%
14	3.330	3.312	3.349	VV	12243	143087	2.25%	0.053%
15	3.359	3.349	3.403	VV	3187	45185	0.71%	0.017%
16	3.430	3.403	3.439	PV	2584	25935	0.41%	0.010%
17	3.457	3.439	3.473	VV	10520	117761	1.85%	0.044%
18	3.487	3.473	3.508	VV	9723	111192	1.75%	0.041%
19	3.529	3.508	3.542	VV	7648	101222	1.59%	0.038%
20	3.558	3.542	3.578	VV	10337	135207	2.12%	0.050%
21	3.596	3.578	3.608	VV	4573	57785	0.91%	0.021%
22	3.628	3.608	3.670	VV	34310	512090	8.04%	0.190%
23	3.708	3.670	3.740	VV	14354	332471	5.22%	0.123%
24	3.762	3.740	3.810	VV	58600	941123	14.78%	0.349%
25	3.846	3.810	3.879	VV	34795	672993	10.57%	0.249%
26	3.898	3.879	3.928	VV	10987	206251	3.24%	0.076%
27	3.949	3.928	3.975	VV	33193	365870	5.74%	0.136%
28	4.011	3.975	4.026	VV	34126	512792	8.05%	0.190%
29	4.034	4.026	4.062	VV	23956	296202	4.65%	0.110%
30	4.109	4.062	4.157	VV	53450	1068859	16.78%	0.396%
31	4.177	4.157	4.196	VV	31189	508374	7.98%	0.188%
32	4.210	4.196	4.238	VV	25642	381525	5.99%	0.141%
33	4.260	4.238	4.267	VV	10567	134050	2.10%	0.050%
34	4.290	4.267	4.323	VV	87836	1486890	23.35%	0.551%
35	4.340	4.323	4.363	VV	63501	899768	14.13%	0.334%
36	4.379	4.363	4.424	VV	27943	613230	9.63%	0.227%

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Instrument :
FID_F
ClientSampleId :
HL2PX3

Manual IntegrationsAPPROVED

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A B C D E F G H I J

rteres

37	4.462	4.424	4.488	VV	41180	774501	12.16%	0.287%
38	4.509	4.488	4.535	VV	45860	794148	12	
39	4.552	4.535	4.590	VV	26676	642699	10	
40	4.601	4.590	4.618	VV	18482	235107	3	
41	4.639	4.618	4.683	VV	34722	686235	10	
42	4.699	4.683	4.708	VV	15786	196487	3	
43	4.750	4.708	4.764	VV	48943	1035460	16.26%	0.384%
44	4.780	4.764	4.805	VV	72733	1303177	20.46%	0.483%
45	4.820	4.805	4.834	VV	61111	819137	12.86%	0.304%
46	4.854	4.834	4.893	VV	218864	3590079	56.37%	1.331%
47	4.913	4.893	4.946	VV	79431	1890343	29.68%	0.701%
48	4.959	4.946	4.967	VV	51880	596248	9.36%	0.221%
49	4.985	4.967	4.998	VV	68611	1019121	16.00%	0.378%
50	5.031	4.998	5.056	VV	132881	2584214	40.57%	0.958%
51	5.079	5.056	5.116	VV	117924	1925117	30.23%	0.714%
52	5.146	5.116	5.163	VV	44975	910959	14.30%	0.338%
53	5.182	5.163	5.208	VV	63957	1048717	16.47%	0.389%
54	5.246	5.208	5.257	VV	74996	1156329	18.16%	0.429%
55	5.276	5.257	5.304	VV	100169	1969366	30.92%	0.730%
56	5.351	5.304	5.379	VV	116101	2518299	39.54%	0.934%
57	5.404	5.379	5.425	VV	45505	999420	15.69%	0.370%
58	5.445	5.425	5.463	VV	31833	611770	9.61%	0.227%
59	5.485	5.463	5.498	VV	68668	986857	15.49%	0.366%
60	5.508	5.498	5.532	VV	59413	950654	14.93%	0.352%
61	5.550	5.532	5.564	VV	63478	967814	15.20%	0.359%
62	5.580	5.564	5.597	VV	73246	1075797	16.89%	0.399%
63	5.617	5.597	5.658	VV	50274	1384354	21.74%	0.513%
64	5.672	5.658	5.684	VV	32901	417367	6.55%	0.155%
65	5.730	5.684	5.760	VV	82113	2589813	40.66%	0.960%
66	5.778	5.760	5.813	VV	36453	853856	13.41%	0.317%
67	5.832	5.813	5.845	VV	30943	493104	7.74%	0.183%
68	5.906	5.845	5.946	VV	74944	2734627	42.94%	1.014%
69	5.967	5.946	5.981	VV	38547	606524	9.52%	0.225%
70	6.008	5.981	6.037	VV	104724	1962010	30.80%	0.727%
71	6.051	6.037	6.063	VV	49705	598669	9.40%	0.222%
72	6.069	6.063	6.103	VV	37051	574726	9.02%	0.213%
73	6.133	6.103	6.160	VV	32885	756681	11.88%	0.281%
74	6.182	6.160	6.203	VV	44118	605095	9.50%	0.224%
75	6.235	6.203	6.256	VV	36697	748814	11.76%	0.278%
76	6.284	6.256	6.350	VV	29591	969088	15.22%	0.359%
77	6.371	6.350	6.381	VV	12163	191620	3.01%	0.071%
78	6.420	6.381	6.452	VV	22558	638806	10.03%	0.237%
79	6.477	6.452	6.491	VV	11911	243696	3.83%	0.090%
80	6.503	6.491	6.514	VV	12193	145450	2.28%	0.054%
81	6.531	6.514	6.547	VV	14748	264878	4.16%	0.098%
82	6.560	6.547	6.587	VV	15450	307565	4.83%	0.114%
83	6.606	6.587	6.628	VV	14407	271834	4.27%	0.101%
84	6.650	6.628	6.667	VV	10696	210688	3.31%	0.078%
85	6.677	6.667	6.700	VV	8761	137651	2.16%	0.051%
86	6.725	6.700	6.737	VV	6479	123740	1.94%	0.046%
87	6.752	6.737	6.782	VV	8128	151046	2.37%	0.056%
88	6.818	6.782	6.841	VV	7545	186274	2.92%	0.069%
89	6.886	6.841	6.910	VV	26588	402148	6.31%	0.149%

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Instrument :
FID_F
ClientSampleId :
HL2PX3

rteres

Manual IntegrationsAPPROVED

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90	6.930	6.910	6.948	VV	6184	117675	1.85%	0.044%
91	6.959	6.948	6.975	VV	5248	65422		
92	6.987	6.975	7.000	VV	3122	41560		
93	7.016	7.000	7.037	VV	4822	72326		
94	7.060	7.037	7.085	VV	5670	97162		
95	7.096	7.085	7.110	VV	2762	32315		
96	7.138	7.110	7.173	VV	4981	101026	1.59%	0.037%
97	7.211	7.173	7.231	VV	3385	68758	1.08%	0.025%
98	7.263	7.231	7.286	VV	2930	69387	1.09%	0.026%
99	7.305	7.286	7.339	VV	3320	59581	0.94%	0.022%
100	7.368	7.339	7.393	VV	5750	88640	1.39%	0.033%
101	7.402	7.393	7.432	VV	1363	23449	0.37%	0.009%
102	7.453	7.432	7.487	VV	6471	90984	1.43%	0.034%
103	7.506	7.487	7.534	VV	3565	48957	0.77%	0.018%
104	7.552	7.534	7.608	VV	1474	31556	0.50%	0.012%
105	7.656	7.608	7.704	VV	1358	42305	0.66%	0.016%
106	7.732	7.704	7.781	VV	665	21918	0.34%	0.008%
107	7.802	7.781	7.827	VV	660	12054	0.19%	0.004%
108	7.855	7.827	7.885	VV	1977	33649	0.53%	0.012%
109	7.903	7.885	7.925	VV	574	7855	0.12%	0.003%
110	8.055	8.039	8.074	VV	1447	24283	0.38%	0.009%
111	8.108	8.074	8.129	VV	2084	50106	0.79%	0.019%
112	8.140	8.129	8.148	VV	977	10498	0.16%	0.004%
113	8.158	8.148	8.178	VV	1022	13685	0.21%	0.005%
114	8.201	8.178	8.224	VV	608	10773	0.17%	0.004%
115	8.263	8.224	8.274	VV	893	15638	0.25%	0.006%
116	8.290	8.274	8.331	VV	1271	21613	0.34%	0.008%
117	8.379	8.331	8.418	VV	3444	55051	0.86%	0.020%
118	8.438	8.418	8.448	VV	590	7744	0.12%	0.003%
119	8.482	8.448	8.497	VV	1493	25756	0.40%	0.010%
120	8.511	8.497	8.525	VV	1097	14080	0.22%	0.005%
121	8.546	8.525	8.585	VV	1405	35081	0.55%	0.013%
122	8.606	8.585	8.613	VV	729	10350	0.16%	0.004%
123	8.635	8.613	8.648	VV	1071	18694	0.29%	0.007%
124	8.659	8.648	8.677	VV	997	13170	0.21%	0.005%
125	8.719	8.677	8.762	VV	4440	80103	1.26%	0.030%
126	8.782	8.762	8.828	VV	2236	49273	0.77%	0.018%
127	8.919	8.909	8.933	VV	3023	38602	0.61%	0.014%
128	8.952	8.933	8.973	VV	3128	58333	0.92%	0.022%
129	9.018	8.973	9.037	VV	6381	126683	1.99%	0.047%
130	9.054	9.037	9.065	VV	3411	50717	0.80%	0.019%
131	9.084	9.065	9.121	VV	5350	134617	2.11%	0.050%
132	9.135	9.121	9.147	VV	2122	30158	0.47%	0.011%
133	9.184	9.147	9.199	VV	3406	77942	1.22%	0.029%
134	9.212	9.199	9.230	VV	2838	47247	0.74%	0.018%
135	9.247	9.230	9.269	VV	2885	55481	0.87%	0.021%
136	9.309	9.269	9.342	VV	3878	119464	1.88%	0.044%
137	9.354	9.342	9.366	VV	2654	34753	0.55%	0.013%
138	9.380	9.366	9.412	VV	2638	66638	1.05%	0.025%
139	9.428	9.412	9.440	VV	3242	49958	0.78%	0.019%
140	9.456	9.440	9.499	VV	3649	105673	1.66%	0.039%
141	9.530	9.499	9.556	VV	3114	87330	1.37%	0.032%

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Instrument :
FID_F
ClientSampleId :
HL2PX3

Manual IntegrationsAPPROVED

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A B C D E F G H I J

rteres

142	9.616	9.556	9.644	VV	3918	159031	2.50%	0.059%
143	9.672	9.644	9.682	VV	4604	85544	1	
144	9.697	9.682	9.734	VV	5034	135208	2	
145	9.776	9.734	9.805	VV	8629	235307	3	
146	9.839	9.805	9.878	VV	6378	220486	3	
147	9.917	9.878	9.944	VV	5011	184707	2	
148	9.955	9.944	9.971	VV	5014	75361	1.18%	0.028%
149	9.997	9.971	10.012	VV	5792	123353	1.94%	0.046%
150	10.035	10.012	10.066	VV	68947	844010	13.25%	0.313%
151	10.077	10.066	10.095	VV	6267	101653	1.60%	0.038%
152	10.119	10.095	10.153	VV	6813	210279	3.30%	0.078%
153	10.173	10.153	10.215	VV	6556	214271	3.36%	0.079%
154	10.226	10.215	10.231	VV	5671	54693	0.86%	0.020%
155	10.268	10.231	10.310	VV	6770	274192	4.30%	0.102%
156	10.341	10.310	10.381	VV	6882	257147	4.04%	0.095%
157	10.407	10.381	10.422	VV	7323	167533	2.63%	0.062%
158	10.439	10.422	10.456	VV	7394	142683	2.24%	0.053%
159	10.475	10.456	10.484	VV	7385	123079	1.93%	0.046%
160	10.509	10.484	10.530	VV	10594	241408	3.79%	0.089%
161	10.555	10.530	10.581	VV	15357	340760	5.35%	0.126%
162	10.638	10.581	10.667	VV	10226	480935	7.55%	0.178%
163	10.704	10.667	10.729	VV	11142	356448	5.60%	0.132%
164	10.755	10.729	10.778	VV	9937	274172	4.30%	0.102%
165	10.809	10.778	10.863	VV	11244	528250	8.29%	0.196%
166	10.929	10.863	10.943	VV	12618	544846	8.55%	0.202%
167	10.980	10.943	11.005	VV	25520	644293	10.12%	0.239%
168	11.021	11.005	11.055	VV	13707	384122	6.03%	0.142%
169	11.069	11.055	11.082	VV	12262	199860	3.14%	0.074%
170	11.109	11.082	11.127	VV	13449	343183	5.39%	0.127%
171	11.149	11.127	11.165	VV	14368	308632	4.85%	0.114%
172	11.184	11.165	11.208	VV	17087	384772	6.04%	0.143%
173	11.238	11.208	11.262	VV	15762	472368	7.42%	0.175%
174	11.303	11.262	11.350	VV	18154	833404	13.08%	0.309%
175	11.393	11.350	11.408	VV	17456	552369	8.67%	0.205%
176	11.414	11.408	11.428	VV	16704	198972	3.12%	0.074%
177	11.446	11.428	11.453	VV	17433	258603	4.06%	0.096%
178	11.471	11.453	11.493	VV	18274	422960	6.64%	0.157%
179	11.557	11.493	11.575	VV	19629	908831	14.27%	0.337%
180	11.589	11.575	11.622	VV	19815	544650	8.55%	0.202%
181	11.637	11.622	11.662	VV	19655	459563	7.22%	0.170%
182	11.702	11.662	11.743	VV	37001	1209551	18.99%	0.448%
183	11.768	11.743	11.789	VV	21304	545221	8.56%	0.202%
184	11.809	11.789	11.828	VV	20957	470547	7.39%	0.174%
185	11.873	11.828	11.892	VV	23316	843330	13.24%	0.313%
186	11.933	11.892	11.963	VV	518692	6369167	100.00%	2.361%
187	11.992	11.963	12.014	VV	25115	736655	11.57%	0.273%
188	12.024	12.014	12.033	VV	23596	268583	4.22%	0.100%
189	12.074	12.033	12.092	VV	26899	899384	14.12%	0.333%
190	12.114	12.092	12.149	VV	28756	947801	14.88%	0.351%
191	12.165	12.149	12.208	VV	27356	935978	14.70%	0.347%
192	12.229	12.208	12.240	VV	30353	530628	8.33%	0.197%
193	12.262	12.240	12.288	VV	34434	899217	14.12%	0.333%
194	12.302	12.288	12.332	VV	28848	721989	11.34%	0.268%

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Instrument :
FID_F
ClientSampleId :
HL2PX3

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

195	12.391	12.332	12.458	VV	30536	2138854	33.58%	0.793%
196	12.483	12.458	12.490	VV	29416	548518	8	
197	12.532	12.490	12.571	VV	114941	2515825	39	
198	12.592	12.571	12.615	VV	32572	820776	12	
199	12.621	12.615	12.629	VV	30657	249620	3	
200	12.646	12.629	12.662	VV	32358	628577	9	
201	12.680	12.662	12.691	VV	31357	529585	8.31%	0.196%
202	12.706	12.691	12.733	VV	31890	773996	12.15%	0.287%
203	12.776	12.733	12.810	VV	34209	1482453	23.28%	0.550%
204	12.847	12.810	12.905	VV	35912	1923818	30.21%	0.713%
205	12.927	12.905	12.957	VV	36486	1079583	16.95%	0.400%
206	12.987	12.957	13.014	VV	40270	1247879	19.59%	0.463%
207	13.032	13.014	13.053	VV	36299	811914	12.75%	0.301%
208	13.071	13.053	13.100	VV	34799	946935	14.87%	0.351%
209	13.114	13.100	13.128	VV	33161	536215	8.42%	0.199%
210	13.159	13.128	13.175	VV	34870	953110	14.96%	0.353%
211	13.189	13.175	13.215	VV	35069	820069	12.88%	0.304%
212	13.246	13.215	13.265	VV	35667	1039247	16.32%	0.385%
213	13.281	13.265	13.301	VV	35809	757428	11.89%	0.281%
214	13.315	13.301	13.326	VV	36055	534969	8.40%	0.198%
215	13.371	13.326	13.401	VV	397856	5980834	93.90%	2.217%
216	13.422	13.401	13.447	VV	44703	1128704	17.72%	0.418%
217	13.469	13.447	13.495	VV	39121	1089159	17.10%	0.404%
218	13.508	13.495	13.526	VV	36626	667538	10.48%	0.247%
219	13.555	13.526	13.564	VV	38039	831860	13.06%	0.308%
220	13.607	13.564	13.635	VV	40064	1668660	26.20%	0.619%
221	13.647	13.635	13.659	VV	38189	557586	8.75%	0.207%
222	13.676	13.659	13.688	VV	39020	662366	10.40%	0.246%
223	13.703	13.688	13.728	VV	40813	911397	14.31%	0.338%
224	13.764	13.728	13.793	VV	69483	1931789	30.33%	0.716%
225	13.807	13.793	13.831	VV	42166	927219	14.56%	0.344%
226	13.851	13.831	13.893	VV	41044	1476762	23.19%	0.547%
227	13.914	13.893	13.932	VV	39322	900551	14.14%	0.334%
228	13.980	13.932	14.001	VV	43307	1704559	26.76%	0.632%
229	14.036	14.001	14.095	VV	44358	2310725	36.28%	0.857%
230	14.121	14.095	14.157	VV	41240	1496624	23.50%	0.555%
231	14.176	14.157	14.195	VV	41507	921268	14.46%	0.342%
232	14.208	14.195	14.218	VV	41568	565248	8.87%	0.210%
233	14.226	14.218	14.234	VV	40594	389105	6.11%	0.144%
234	14.271	14.234	14.294	VV	42540	1483530	23.29%	0.550%
235	14.359	14.294	14.385	VV	48686	2356967	37.01%	0.874%
236	14.430	14.385	14.468	VV	43866	2112786	33.17%	0.783%
237	14.506	14.468	14.562	VV	43726	2339808	36.74%	0.867%
238	14.592	14.562	14.622	VV	43382	1516416	23.81%	0.562%
239	14.636	14.622	14.665	VV	42798	1074322	16.87%	0.398%
240	14.688	14.665	14.707	VV	42162	1022072	16.05%	0.379%
241	14.752	14.707	14.792	VV	45863	2209158	34.69%	0.819%
242	14.813	14.792	14.869	VV	48229	2049928	32.19%	0.760%
243	14.936	14.869	14.958	VV	45778	2280552	35.81%	0.845%
244	14.976	14.958	15.004	VV	43284	1156643	18.16%	0.429%
245	15.018	15.004	15.041	VV	41504	911510	14.31%	0.338%
246	15.066	15.041	15.095	VV	40970	1316689	20.67%	0.488%

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Instrument :
FID_F
ClientSampleId :
HL2PX3

Manual IntegrationsAPPROVED

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A B C D E F G H I J

rteres

247	15.121	15.095	15.178	VV	42945	2057215	32.30%	0.763%
248	15.226	15.178	15.240	VV	43277	1495422	23	
249	15.281	15.240	15.335	VV	43981	2409375	37	
250	15.367	15.335	15.403	VV	45989	1713806	26	
251	15.429	15.403	15.457	VV	41083	1293004	20	
252	15.481	15.457	15.545	VV	42680	2130507	33	
253	15.563	15.545	15.598	VV	40701	1275859	20.03%	0.473%
254	15.605	15.598	15.612	VV	39439	329823	5.18%	0.122%
255	15.664	15.612	15.715	VV	45412	2639934	41.45%	0.979%
256	15.771	15.715	15.863	VV	52539	3909238	61.38%	1.449%
257	15.887	15.863	15.910	VV	40448	1092284	17.15%	0.405%
258	15.933	15.910	15.941	VV	38490	706969	11.10%	0.262%
259	15.972	15.941	15.989	VV	40216	1116725	17.53%	0.414%
260	16.005	15.989	16.031	VV	40529	995998	15.64%	0.369%
261	16.063	16.031	16.123	VV	47221	2345025	36.82%	0.869%
262	16.139	16.123	16.173	VV	40460	1176889	18.48%	0.436%
263	16.253	16.173	16.263	VV	42666	2180669	34.24%	0.808%
264	16.288	16.263	16.328	VV	45188	1642471	25.79%	0.609%
265	16.349	16.328	16.372	VV	38957	996786	15.65%	0.370%
266	16.384	16.372	16.395	VV	39684	550407	8.64%	0.204%
267	16.406	16.395	16.414	VV	38788	423118	6.64%	0.157%
268	16.458	16.414	16.478	VV	44075	1621026	25.45%	0.601%
269	16.493	16.478	16.515	VV	40981	889122	13.96%	0.330%
270	16.565	16.515	16.603	VV	47198	2315907	36.36%	0.859%
271	16.620	16.603	16.662	VV	43520	1437355	22.57%	0.533%
272	16.698	16.662	16.715	VV	41645	1284564	20.17%	0.476%
273	16.737	16.715	16.755	VV	43373	987277	15.50%	0.366%
274	16.771	16.755	16.805	VV	41093	1193896	18.74%	0.443%
275	16.825	16.805	16.847	VV	39886	994649	15.62%	0.369%
276	16.963	16.847	16.991	VV	45624	3596861	56.47%	1.333%
277	17.005	16.991	17.025	VV	42828	835809	13.12%	0.310%
278	17.063	17.025	17.135	VV	44120	2716379	42.65%	1.007%
279	17.201	17.135	17.212	VV	45661	1853431	29.10%	0.687%
280	17.227	17.212	17.279	VV	45932	1712920	26.89%	0.635%
281	17.323	17.279	17.361	VV	41397	1956328	30.72%	0.725%
282	17.447	17.361	17.488	VV	51388	3272764	51.38%	1.213%
283	17.524	17.488	17.575	VV	46146	2169254	34.06%	0.804%
284	17.589	17.575	17.601	VV	40889	637306	10.01%	0.236%
285	17.620	17.601	17.641	VV	44760	996991	15.65%	0.370%
286	17.653	17.641	17.727	VV	41466	2005590	31.49%	0.743%
287	17.772	17.727	17.812	VV	46515	2052534	32.23%	0.761%
288	17.825	17.812	17.844	VV	37391	707089	11.10%	0.262%
289	17.862	17.844	17.873	VV	36461	620503	9.74%	0.230%
290	17.878	17.873	17.912	VV	35548	804591	12.63%	0.298%
291	17.928	17.912	17.965	VV	36453	1127003	17.69%	0.418%
292	18.001	17.965	18.018	VV	36404	1128947	17.73%	0.419%
293	18.031	18.018	18.055	VV	36152	784033	12.31%	0.291%
294	18.091	18.055	18.118	VV	41539	1377266	21.62%	0.511%
295	18.140	18.118	18.177	VV	35071	1150022	18.06%	0.426%
296	18.187	18.177	18.196	VV	31661	358769	5.63%	0.133%
297	18.239	18.196	18.320	VV	45338	2648501	41.58%	0.982%
298	18.372	18.320	18.422	VV	37311	1948811	30.60%	0.722%
299	18.442	18.422	18.496	VV	33391	1412944	22.18%	0.524%

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Instrument :
FID_F
ClientSampleId :
HL2PX3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

A B C D E F G H I J

rteres

300	18.515	18.496	18.541	VV	31507	774189	12.16%	0.287%
301	18.606	18.541	18.662	VV	42289	2123253	33	
302	18.677	18.662	18.704	VV	24568	602804	9	
303	18.726	18.704	18.746	VV	24507	616587	9	
304	18.766	18.746	18.775	VV	24720	417590	6	
305	18.792	18.775	18.857	VV	25029	1159509	18	
306	18.943	18.857	18.998	VV	32968	2060902	32.36%	0.764%
307	19.029	18.998	19.054	VV	24424	704617	11.06%	0.261%
308	19.078	19.054	19.148	VV	23169	1128844	17.72%	0.418%
309	19.175	19.148	19.192	VV	18853	482639	7.58%	0.179%
310	19.199	19.192	19.260	VV	18792	728658	11.44%	0.270%
311	19.324	19.260	19.346	VV	23884	992082	15.58%	0.368%
312	19.358	19.346	19.398	VV	19193	528420	8.30%	0.196%
313	19.431	19.398	19.458	VV	16672	552275	8.67%	0.205%
314	19.492	19.458	19.558	VV	32717	1216892	19.11%	0.451%
315	19.571	19.558	19.602	VV	14233	356675	5.60%	0.132%
316	19.612	19.602	19.667	VV	13275	494277	7.76%	0.183%
317	19.711	19.667	19.725	VV	18913	529882	8.32%	0.196%
318	19.734	19.725	19.800	VV	17407	634959	9.97%	0.235%
319	19.827	19.800	19.862	VV	12993	449225	7.05%	0.167%
320	19.902	19.862	19.915	VV	12353	391326	6.14%	0.145%
321	19.942	19.915	19.964	VV	12665	354010	5.56%	0.131%
322	20.009	19.964	20.048	VV	33495	994470	15.61%	0.369%
323	20.087	20.048	20.175	VV	15231	989664	15.54%	0.367%
324	20.238	20.175	20.252	VV	11456	503369	7.90%	0.187%
325	20.319	20.252	20.338	VV	11473	573201	9.00%	0.212%
326	20.355	20.338	20.385	VV	11311	305028	4.79%	0.113%
327	20.403	20.385	20.425	VV	10999	257211	4.04%	0.095%
328	20.452	20.425	20.466	VV	13327	297973	4.68%	0.110%
329	20.502	20.466	20.575	VV	37643	1176025	18.46%	0.436%
330	20.630	20.575	20.692	VV	11292	741950	11.65%	0.275%
331	20.720	20.692	20.777	VV	10815	523750	8.22%	0.194%
332	20.833	20.777	20.881	VV	12638	661606	10.39%	0.245%
333	20.920	20.881	20.933	VV	9176	280103	4.40%	0.104%
334	20.982	20.933	21.152	VV	35867	1599691	25.12%	0.593%
335	21.187	21.152	21.235	VV	7618	329541	5.17%	0.122%
336	21.259	21.235	21.305	VV	5724	231088	3.63%	0.086%
337	21.310	21.305	21.360	VV	5284	163617	2.57%	0.061%
338	21.367	21.360	21.468	VV	4568	267986	4.21%	0.099%
339	21.526	21.468	21.592	VV	29285	903142	14.18%	0.335%
340	21.617	21.592	21.832	VV	3841	347453	5.46%	0.129%
341	21.844	21.832	21.952	VV	1490	76239	1.20%	0.028%
342	21.962	21.952	22.017	VV	443	13067	0.21%	0.005%
343	22.025	22.017	22.034	VV	145	1336	0.02%	0.000%
344	22.044	22.034	22.058	PV	148	1101	0.02%	0.000%
345	22.169	22.058	22.202	PBA	17209	421868	6.62%	0.156%

Sum of corrected areas: 269756420

Aliphatic EPH 011425.M Sat Feb 01 00:44:02 2025

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020325AL\
Data File : FF015433.D
Signal(s) : FID2B.ch
Acq On : 03 Feb 2025 12:25
Operator : YP\AJ
Sample : Q1237-03DL 2X
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Feb 04 04:34:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 15:33:37 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_F
ClientSampleId :
HL2PX3DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/04/2025
Supervised By :Ankita Jodhani 02/04/2025

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.935	2785876	17.522 ug/mlm
Spiked Amount 50.000		Recovery = 35.04%	
12) S 1-chlorooctadecane (S...	13.374	2201644	17.660 ug/mlm
Spiked Amount 50.000		Recovery = 35.32%	
Target Compounds			

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020325AL\
Data File : FF015433.D
Signal(s) : FID2B.ch
Acq On : 03 Feb 2025 12:25
Operator : YP\AJ
Sample : Q1237-03DL 2X
Misc :
ALS Vial : 73 Sample Multiplier: 1

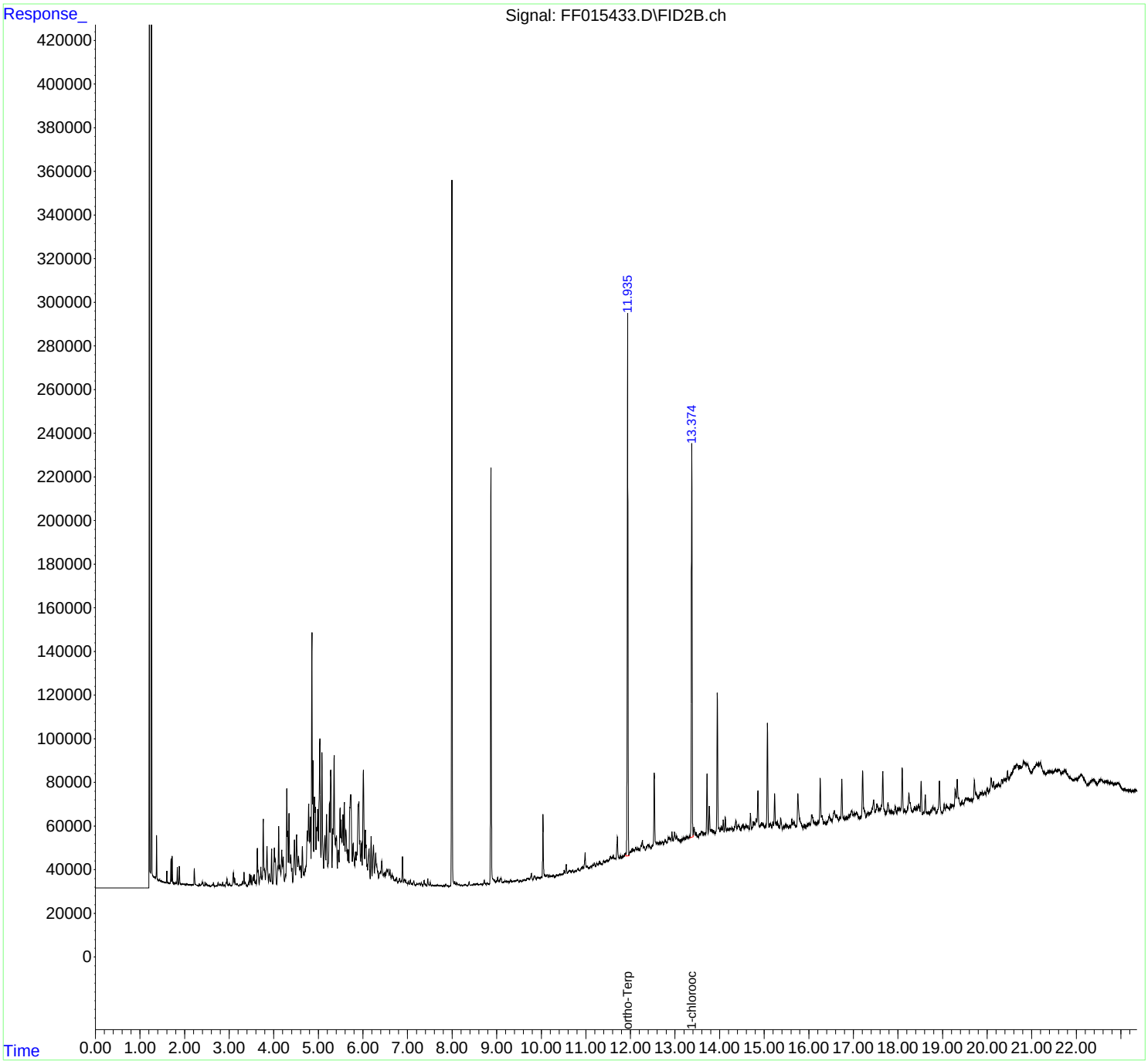
Integration File: autoint1.e
Quant Time: Feb 04 04:34:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 15:33:37 2025
Response via : Initial Calibration
Integrator: ChemStation

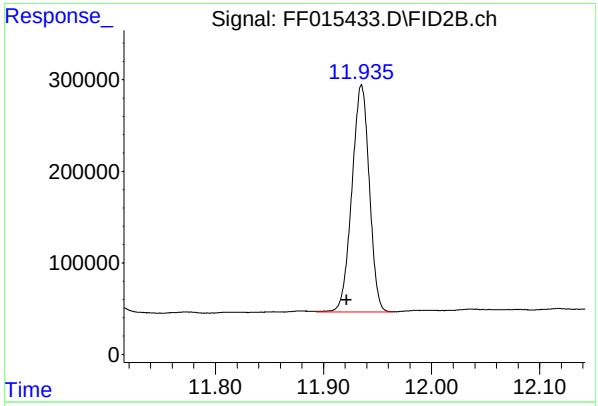
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Instrument :
FID_F
ClientSampleId :
HL2PX3DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/04/2025
Supervised By :Ankita Jodhani 02/04/2025





#9 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: 0.013 min
Response: 2785876
Conc: 17.52 ug/ml

Instrument :
FID_F
ClientSampleId :
HL2PX3DL

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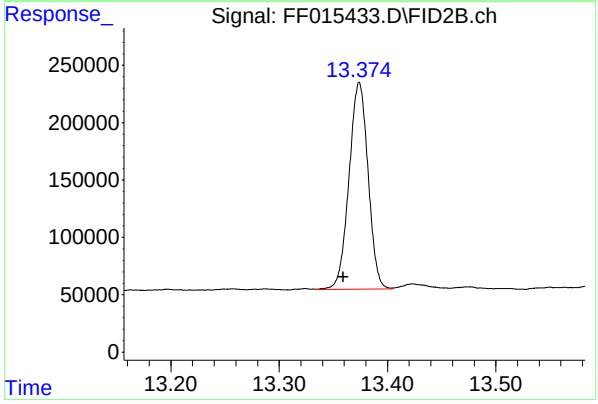
Supervised By :Ankita Jodhani 02/04/2025



#12 1-chlorooctadecane (SURR)

R.T.: 13.374 min
Delta R.T.: 0.014 min
Response: 2201644
Conc: 17.66 ug/ml m

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Instrument :
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HL2PX3DL

rteres

Area Percent Report

Manual IntegrationsAPPROVED

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF02032
Data File : FF015433.D
Signal(s) : FID2B.ch
Acq On : 03 Feb 2025 12:25
Sample : Q1237-03DL 2X
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.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	2.813	2.801	2.835	BV	208	-830	-0.02%	-0.001%
2	2.854	2.835	2.876	PV	1250	5049	0.14%	0.004%
3	2.892	2.876	2.911	PV	-83	-6883	-0.20%	-0.005%
4	2.952	2.911	2.973	PV	2985	34144	0.98%	0.024%
5	3.007	2.973	3.038	PV	581	520	0.01%	0.000%
6	3.095	3.038	3.112	PV	5659	67919	1.95%	0.048%
7	3.125	3.112	3.148	VV	3040	32945	0.95%	0.023%
8	3.162	3.148	3.170	VV	386	3526	0.10%	0.002%
9	3.181	3.170	3.218	VV	433	-10	-0.00%	-0.000%
10	3.243	3.218	3.259	PV	405	-1391	-0.04%	-0.001%
11	3.304	3.259	3.315	PV	1650	17975	0.52%	0.013%
12	3.334	3.315	3.352	VV	5866	63078	1.81%	0.044%
13	3.363	3.352	3.411	VV	1208	6606	0.19%	0.005%
14	3.432	3.411	3.442	PV	834	4657	0.13%	0.003%
15	3.460	3.442	3.476	VV	4969	51490	1.48%	0.036%
16	3.490	3.476	3.511	VV	4442	47207	1.35%	0.033%
17	3.532	3.511	3.546	VV	3493	43437	1.25%	0.030%
18	3.561	3.546	3.581	VV	4834	58743	1.69%	0.041%
19	3.600	3.581	3.611	VV	1895	20979	0.60%	0.015%
20	3.632	3.611	3.673	VV	16848	245656	7.05%	0.172%
21	3.711	3.673	3.743	VV	7088	151883	4.36%	0.106%
22	3.764	3.743	3.813	VV	30086	461081	13.23%	0.323%
23	3.849	3.813	3.882	VV	17706	325971	9.36%	0.228%
24	3.901	3.882	3.935	VV	5104	92233	2.65%	0.065%
25	3.952	3.935	3.978	VV	16334	171077	4.91%	0.120%
26	4.014	3.978	4.065	VV	17016	389661	11.18%	0.273%
27	4.111	4.065	4.160	VV	26838	519104	14.90%	0.363%
28	4.179	4.160	4.199	VV	15916	250199	7.18%	0.175%
29	4.213	4.199	4.240	VV	12896	184230	5.29%	0.129%
30	4.262	4.240	4.270	VV	4955	61454	1.76%	0.043%
31	4.294	4.270	4.326	VV	44241	744914	21.38%	0.521%
32	4.343	4.326	4.368	VV	32594	466148	13.38%	0.326%
33	4.382	4.368	4.426	VV	13962	283118	8.13%	0.198%
34	4.465	4.426	4.491	VV	20677	378671	10.87%	0.265%
35	4.512	4.491	4.538	VV	23055	395039	11.34%	0.277%
36	4.555	4.538	4.593	VV	13147	313947	9.01%	0.220%

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A B C D E F G H I J

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37	4.604	4.593	4.621	VV	8903	112297	3.22%	0.079%
38	4.642	4.621	4.685	VV	17640	332975	9	
39	4.702	4.685	4.710	VV	7404	92989	2	
40	4.753	4.710	4.767	VV	24770	521317	14	
41	4.783	4.767	4.806	VV	36900	637403	18	
42	4.822	4.806	4.837	VV	31096	431495	12	
43	4.856	4.837	4.896	VV	115243	1838061	52.75%	1.287%
44	4.915	4.896	4.948	VV	40302	959881	27.55%	0.672%
45	4.987	4.948	5.000	VV	34666	818134	23.48%	0.573%
46	5.033	5.000	5.059	VV	67476	1311856	37.65%	0.918%
47	5.082	5.059	5.119	VV	60639	974665	27.97%	0.682%
48	5.148	5.119	5.166	VV	22684	453433	13.01%	0.317%
49	5.185	5.166	5.211	VV	32360	528608	15.17%	0.370%
50	5.249	5.211	5.260	VV	37535	579471	16.63%	0.406%
51	5.278	5.260	5.308	VV	51940	999911	28.70%	0.700%
52	5.354	5.308	5.383	VV	59419	1285392	36.89%	0.900%
53	5.407	5.383	5.428	VV	22756	488743	14.03%	0.342%
54	5.447	5.428	5.466	VV	15890	302838	8.69%	0.212%
55	5.488	5.466	5.501	VV	35397	504513	14.48%	0.353%
56	5.511	5.501	5.535	VV	29740	477169	13.70%	0.334%
57	5.552	5.535	5.566	VV	32148	484839	13.92%	0.339%
58	5.583	5.566	5.600	VV	37619	544369	15.62%	0.381%
59	5.619	5.600	5.661	VV	25111	695126	19.95%	0.487%
60	5.674	5.661	5.687	VV	16198	208150	5.97%	0.146%
61	5.733	5.687	5.763	VV	41445	1306462	37.50%	0.915%
62	5.781	5.763	5.815	VV	18958	419990	12.05%	0.294%
63	5.835	5.815	5.848	VV	15210	245312	7.04%	0.172%
64	5.907	5.848	5.948	VV	37870	1372658	39.40%	0.961%
65	5.970	5.948	5.984	VV	19347	307844	8.84%	0.215%
66	6.011	5.984	6.040	VV	52437	997296	28.62%	0.698%
67	6.055	6.040	6.106	VV	25153	577896	16.59%	0.405%
68	6.137	6.106	6.163	VV	16487	368095	10.56%	0.258%
69	6.185	6.163	6.206	VV	22277	295827	8.49%	0.207%
70	6.238	6.206	6.259	VV	18311	365192	10.48%	0.256%
71	6.287	6.259	6.353	VV	14700	465453	13.36%	0.326%
72	6.376	6.353	6.383	VV	5552	84397	2.42%	0.059%
73	6.396	6.383	6.403	VV	6301	69321	1.99%	0.049%
74	6.423	6.403	6.455	VV	10973	235920	6.77%	0.165%
75	6.479	6.455	6.494	VV	5617	112713	3.23%	0.079%
76	6.506	6.494	6.517	VV	5677	66436	1.91%	0.047%
77	6.534	6.517	6.545	VV	7011	101295	2.91%	0.071%
78	6.563	6.545	6.590	VV	7262	165868	4.76%	0.116%
79	6.608	6.590	6.632	VV	6724	128292	3.68%	0.090%
80	6.654	6.632	6.703	VV	4994	149076	4.28%	0.104%
81	6.729	6.703	6.740	VV	2709	49526	1.42%	0.035%
82	6.754	6.740	6.785	VV	3492	59405	1.70%	0.042%
83	6.822	6.785	6.845	VV	3063	69278	1.99%	0.048%
84	6.889	6.845	6.914	VV	12928	180195	5.17%	0.126%
85	6.934	6.914	6.952	VV	2520	45660	1.31%	0.032%
86	6.962	6.952	6.981	VV	2083	24549	0.70%	0.017%
87	6.988	6.981	7.003	VV	870	9915	0.28%	0.007%
88	7.020	7.003	7.041	VV	1781	22464	0.64%	0.016%
89	7.064	7.041	7.088	VV	2192	30551	0.88%	0.021%

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Instrument :
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90	7.100	7.088	7.113	VV	738	6413	0.18%	0.004%
91	7.142	7.113	7.178	VV	1888	26687		
92	7.217	7.178	7.235	PV	550	8282		
93	7.267	7.235	7.290	VV	824	14729		
94	7.309	7.290	7.343	PV	1115	9786		
95	7.373	7.343	7.432	PV	2109	21143		
96	7.456	7.432	7.492	PV	2798	23984	0.69%	0.017%
97	7.510	7.492	7.537	PV	1149	6342	0.18%	0.004%
98	7.556	7.537	7.593	PV	125	-8080	-0.23%	-0.006%
99	7.601	7.593	7.613	PV	-359	-4374	-0.13%	-0.003%
100	7.629	7.613	7.637	PV	-261	-4871	-0.14%	-0.003%
101	7.661	7.637	7.709	PV	72	-9350	-0.27%	-0.007%
102	7.734	7.709	7.791	PV	-249	-19591	-0.56%	-0.014%
103	7.808	7.791	7.835	PV	-352	-10972	-0.31%	-0.008%
104	7.859	7.835	7.891	PV	370	-4787	-0.14%	-0.003%
105	7.907	7.891	7.927	PV	-336	-10922	-0.31%	-0.008%
106	8.060	8.043	8.085	VV	1510	20351	0.58%	0.014%
107	8.111	8.085	8.138	VV	855	14892	0.43%	0.010%
108	8.161	8.138	8.185	VV	175	702	0.02%	0.000%
109	8.200	8.185	8.231	PV	-93	-5693	-0.16%	-0.004%
110	8.265	8.231	8.277	PV	-14	-3674	-0.11%	-0.003%
111	8.294	8.277	8.335	PV	324	-1218	-0.03%	-0.001%
112	8.382	8.335	8.418	PV	1415	10555	0.30%	0.007%
113	8.486	8.418	8.501	PV	515	3102	0.09%	0.002%
114	8.516	8.501	8.528	VV	351	3375	0.10%	0.002%
115	8.560	8.528	8.588	VV	637	13519	0.39%	0.009%
116	8.606	8.588	8.618	VV	243	2780	0.08%	0.002%
117	8.638	8.618	8.648	VV	339	4876	0.14%	0.003%
118	8.664	8.648	8.680	VV	365	5130	0.15%	0.004%
119	8.724	8.680	8.766	VV	2278	37805	1.09%	0.026%
120	8.787	8.766	8.833	VV	1068	23720	0.68%	0.017%
121	8.955	8.941	8.978	VV	2147	39290	1.13%	0.028%
122	9.022	8.978	9.043	VV	3510	79470	2.28%	0.056%
123	9.059	9.043	9.069	VV	1910	27710	0.80%	0.019%
124	9.089	9.069	9.125	VV	3000	75511	2.17%	0.053%
125	9.140	9.125	9.151	VV	1291	18875	0.54%	0.013%
126	9.189	9.151	9.203	VV	1875	45892	1.32%	0.032%
127	9.216	9.203	9.234	VV	1709	29421	0.84%	0.021%
128	9.252	9.234	9.274	VV	1770	35608	1.02%	0.025%
129	9.312	9.274	9.348	VV	2281	76163	2.19%	0.053%
130	9.359	9.348	9.371	VV	1652	21836	0.63%	0.015%
131	9.386	9.371	9.413	VV	1814	42740	1.23%	0.030%
132	9.432	9.413	9.448	VV	2096	40449	1.16%	0.028%
133	9.461	9.448	9.504	VV	2355	68199	1.96%	0.048%
134	9.535	9.504	9.560	VV	2036	60200	1.73%	0.042%
135	9.621	9.560	9.649	VV	2571	110748	3.18%	0.078%
136	9.701	9.649	9.715	VV	3104	105539	3.03%	0.074%
137	9.724	9.715	9.738	VV	2698	35012	1.00%	0.025%
138	9.780	9.738	9.818	VV	5254	163099	4.68%	0.114%
139	9.844	9.818	9.881	VV	4152	131235	3.77%	0.092%
140	9.914	9.881	9.945	VV	3428	119763	3.44%	0.084%
141	9.958	9.945	9.975	VV	3330	58577	1.68%	0.041%

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142	10.002	9.975	10.014	VH	3826	81415	2.34%	0.057%
143	10.040	10.014	10.071	HH	32128	437148	12	
144	10.080	10.071	10.100	HH	4744	75704	2	
145	10.125	10.100	10.156	HH	4610	140052	4	
146	10.175	10.156	10.202	HH	4667	113651	3	
147	10.211	10.202	10.221	HH	3952	45525	1	
148	10.272	10.221	10.314	HH	4589	223625	6.42%	0.157%
149	10.346	10.314	10.386	HH	4741	185194	5.32%	0.130%
150	10.410	10.386	10.425	HH	4929	108775	3.12%	0.076%
151	10.442	10.425	10.461	HH	5089	104948	3.01%	0.073%
152	10.514	10.461	10.534	HH	6626	238811	6.85%	0.167%
153	10.560	10.534	10.585	HH	9364	213214	6.12%	0.149%
154	10.623	10.585	10.632	HH	6487	170513	4.89%	0.119%
155	10.643	10.632	10.673	HH	6605	154146	4.42%	0.108%
156	10.709	10.673	10.733	HH	7057	227731	6.54%	0.159%
157	10.760	10.733	10.788	HH	6515	204266	5.86%	0.143%
158	10.818	10.788	10.865	HH	7412	317629	9.12%	0.222%
159	10.911	10.865	10.924	HH	8177	260335	7.47%	0.182%
160	10.935	10.924	10.948	HH	8052	114609	3.29%	0.080%
161	10.982	10.948	11.010	HH	14918	389875	11.19%	0.273%
162	11.025	11.010	11.059	HH	8677	243330	6.98%	0.170%
163	11.073	11.059	11.085	HH	7951	120983	3.47%	0.085%
164	11.113	11.085	11.131	HH	8588	226720	6.51%	0.159%
165	11.155	11.131	11.170	HH	9134	208542	5.99%	0.146%
166	11.189	11.170	11.214	HH	10095	241091	6.92%	0.169%
167	11.240	11.214	11.271	HH	9935	324343	9.31%	0.227%
168	11.305	11.271	11.352	HH	10824	481156	13.81%	0.337%
169	11.397	11.352	11.428	HH	11005	461348	13.24%	0.323%
170	11.473	11.428	11.497	HH	11463	455853	13.08%	0.319%
171	11.547	11.497	11.581	HH	12889	597928	17.16%	0.419%
172	11.613	11.581	11.631	HH	13591	379480	10.89%	0.266%
173	11.642	11.631	11.665	HH	12236	240081	6.89%	0.168%
174	11.706	11.665	11.750	HH	21987	765792	21.98%	0.536%
175	11.773	11.750	11.795	HH	13398	339089	9.73%	0.237%
176	11.820	11.795	11.831	HH	13097	281339	8.07%	0.197%
177	11.879	11.831	11.892	HH	14386	493443	14.16%	0.345%
178	11.935	11.892	11.966	HH	261431	3379594	97.00%	2.366%
179	12.037	12.009	12.068	HH	16468	562532	16.15%	0.394%
180	12.118	12.094	12.138	HH	17226	434937	12.48%	0.304%
181	12.168	12.155	12.208	HH	16644	518723	14.89%	0.363%
182	12.268	12.248	12.291	HH	20370	490490	14.08%	0.343%
183	12.392	12.338	12.461	HH	18489	1294029	37.14%	0.906%
184	12.596	12.581	12.633	HH	19751	600180	17.23%	0.420%
185	12.689	12.665	12.696	HH	19367	365375	10.49%	0.256%
186	12.782	12.743	12.822	HH	20574	937627	26.91%	0.656%
187	12.874	12.863	12.909	HH	21498	576970	16.56%	0.404%
188	12.990	12.961	13.017	HH	24034	739984	21.24%	0.518%
189	13.075	13.065	13.098	HH	21132	415787	11.93%	0.291%
190	13.165	13.130	13.176	HH	21074	561459	16.11%	0.393%
191	13.257	13.221	13.271	HH	22186	637657	18.30%	0.446%
192	13.374	13.307	13.405	HH	202040	3484182	100.00%	2.439%
193	13.475	13.457	13.528	HH	23856	971874	27.89%	0.680%
194	13.612	13.602	13.653	HH	24158	727200	20.87%	0.509%

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195	13.716	13.688	13.742	HH	50568	1077850	30.94%	0.755%
196	13.809	13.795	13.840	HH	25396	667690	19	
197	13.947	13.897	14.005	HH	87444	2389272	68	
198	14.080	14.061	14.101	HH	29718	648253	18	
199	14.181	14.165	14.198	HH	25721	493548	14	
200	14.275	14.255	14.301	HH	26512	718144	20	
201	14.363	14.301	14.390	HH	29597	1436465	41.23%	1.006%
202	14.415	14.390	14.473	HH	27212	1314401	37.72%	0.920%
203	14.515	14.473	14.555	HH	27473	1289100	37.00%	0.902%
204	14.598	14.555	14.621	HH	27492	1064195	30.54%	0.745%
205	14.638	14.621	14.664	HH	27150	684002	19.63%	0.479%
206	14.691	14.664	14.728	HH	32736	1062122	30.48%	0.744%
207	14.757	14.728	14.798	HH	28975	1169958	33.58%	0.819%
208	14.818	14.798	14.832	HH	30246	605530	17.38%	0.424%
209	14.857	14.832	14.901	HH	43182	1316243	37.78%	0.921%
210	14.943	14.901	14.965	HH	28457	1059330	30.40%	0.742%
211	14.972	14.965	15.009	HH	27919	727955	20.89%	0.510%
212	15.029	15.009	15.041	HH	26974	512301	14.70%	0.359%
213	15.071	15.041	15.105	HH	73908	1628308	46.73%	1.140%
214	15.143	15.105	15.173	HH	28099	1102278	31.64%	0.772%
215	15.194	15.173	15.208	HH	28824	580322	16.66%	0.406%
216	15.232	15.208	15.263	HH	41733	1072073	30.77%	0.750%
217	15.292	15.263	15.337	HH	28669	1235662	35.46%	0.865%
218	15.369	15.337	15.408	HH	30558	1180987	33.90%	0.827%
219	15.435	15.408	15.449	HH	26862	656055	18.83%	0.459%
220	15.486	15.449	15.547	HH	27897	1564462	44.90%	1.095%
221	15.568	15.547	15.595	HH	27143	770685	22.12%	0.539%
222	15.617	15.595	15.638	HH	30090	743137	21.33%	0.520%
223	15.670	15.638	15.722	HH	29000	1400718	40.20%	0.981%
224	15.754	15.722	15.870	HH	41750	2720221	78.07%	1.904%
225	15.893	15.870	15.921	HH	27694	827111	23.74%	0.579%
226	15.927	15.921	15.937	HH	26620	244505	7.02%	0.171%
227	15.981	15.937	15.994	HH	28055	944295	27.10%	0.661%
228	16.009	15.994	16.032	HH	28392	632184	18.14%	0.443%
229	16.068	16.032	16.123	HH	32095	1622872	46.58%	1.136%
230	16.144	16.123	16.166	HH	28927	740640	21.26%	0.518%
231	16.208	16.166	16.223	HH	29085	964969	27.70%	0.675%
232	16.256	16.223	16.281	HH	48802	1272910	36.53%	0.891%
233	16.297	16.281	16.332	HH	31708	922618	26.48%	0.646%
234	16.349	16.332	16.368	HH	28844	611152	17.54%	0.428%
235	16.395	16.368	16.414	HH	28792	788160	22.62%	0.552%
236	16.462	16.414	16.520	HH	31749	1921512	55.15%	1.345%
237	16.571	16.520	16.606	HH	33857	1636883	46.98%	1.146%
238	16.624	16.606	16.675	HH	32109	1261457	36.21%	0.883%
239	16.694	16.675	16.711	HH	30977	667071	19.15%	0.467%
240	16.740	16.711	16.768	HH	48641	1271737	36.50%	0.890%
241	16.784	16.768	16.806	HH	31033	707882	20.32%	0.496%
242	16.831	16.806	16.846	HH	30832	724359	20.79%	0.507%
243	16.863	16.846	16.871	HH	30672	454856	13.05%	0.318%
244	16.964	16.871	16.994	HH	33863	2364559	67.87%	1.655%
245	17.014	16.994	17.033	HH	32976	759543	21.80%	0.532%
246	17.072	17.033	17.121	HH	33347	1708613	49.04%	1.196%

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Instrument :
FID_F
ClientSampleId :
HL2PX3DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/04/2025
Supervised By :Ankita Jodhani 02/04/2025

A B C D E F G H I J

rteres

247	17.130	17.121	17.139	HH	30813	328872	9.44%	0.230%
248	17.207	17.139	17.283	HH	52134	3062994	87	
249	17.331	17.283	17.357	HH	33183	1439134	41	
250	17.454	17.357	17.488	HH	38983	2719722	78	
251	17.528	17.488	17.595	HH	37075	2236395	64	
252	17.659	17.595	17.722	HH	51972	2858602	82	
253	17.774	17.722	17.811	HH	37625	1862676	53.46%	1.304%
254	17.828	17.811	17.847	HH	33906	725794	20.83%	0.508%
255	17.864	17.847	17.906	HH	34108	1181179	33.90%	0.827%
256	17.940	17.906	17.975	HH	35792	1398134	40.13%	0.979%
257	17.992	17.975	18.059	HV	35077	1738620	49.90%	1.217%
258	18.095	18.059	18.126	VV	52109	1577574	45.28%	1.104%
259	18.146	18.126	18.177	VV	32932	975458	28.00%	0.683%
260	18.245	18.177	18.322	VV	38901	2859134	82.06%	2.001%
261	18.370	18.322	18.400	VV	31114	1409793	40.46%	0.987%
262	18.417	18.400	18.434	VV	31209	622380	17.86%	0.436%
263	18.457	18.434	18.494	VV	31200	1068627	30.67%	0.748%
264	18.519	18.494	18.551	VV	41489	1126575	32.33%	0.789%

Sum of corrected areas: 142853145

Aliphatic EPH 011425.M Tue Feb 04 06:23:35 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020125AL\
Data File : FF015417.D
Signal(s) : FID2B.ch
Acq On : 31 Jan 2025 15:48
Operator : YP\AJ
Sample : Q1237-04
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
HL2PX4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

Integration File: sample.E
Quant Time: Jan 31 23:22:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 15:33:37 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			
9) S ortho-Terphenyl (SURR)	11.932	5005275	31.482 ug/mlm
Spiked Amount 50.000		Recovery =	62.96%
12) S 1-chlorooctadecane (S...	13.369	4039765	32.405 ug/mlm
Spiked Amount 50.000		Recovery =	64.81%
Target Compounds			

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020125AL\
Data File : FF015417.D
Signal(s) : FID2B.ch
Acq On : 31 Jan 2025 15:48
Operator : YP\AJ
Sample : Q1237-04
Misc :
ALS Vial : 74 Sample Multiplier: 1

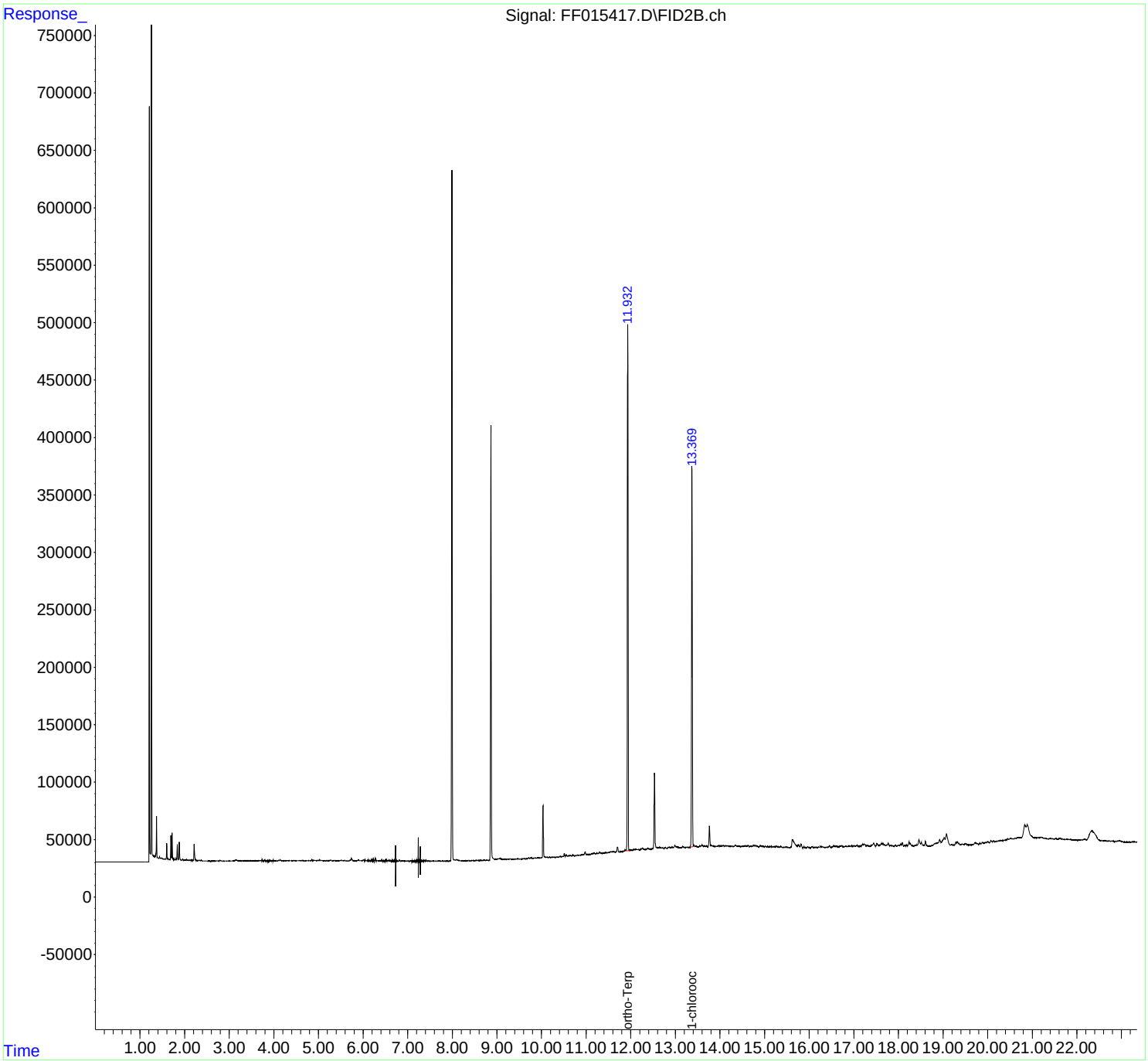
Integration File: sample.E
Quant Time: Jan 31 23:22:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 15:33:37 2025
Response via : Initial Calibration
Integrator: ChemStation

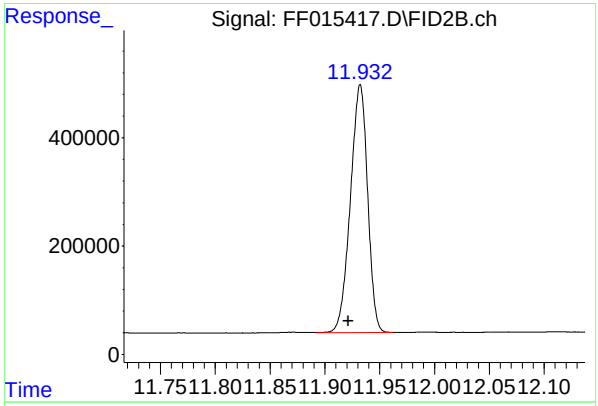
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Instrument :
FID_F
ClientSampleId :
HL2PX4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025





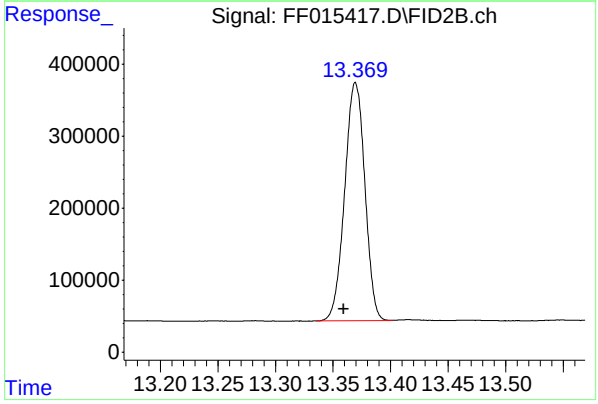
#9 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: 0.010 min
Response: 5005275
Conc: 31.48 ug/ml

Instrument :
FID_F
ClientSampleId :
HL2PX4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025



#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min
Delta R.T.: 0.010 min
Response: 4039765
Conc: 32.40 ug/ml m

5

Instrument :
FID_F
ClientSampleId :
HL2PX4

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF02012
Data File : FF015417.D
Signal(s) : FID2B.ch
Acq On : 31 Jan 2025 15:48
Sample : Q1237-04
Misc :
ALS Vial : 74 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.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	2.924	2.852	2.989	BV	121	4813	0.09%	0.011%
2	3.003	2.989	3.032	PV	284	3678	0.07%	0.008%
3	3.042	3.032	3.055	VV	142	1683	0.03%	0.004%
4	3.092	3.055	3.107	VV	271	5914	0.11%	0.013%
5	3.133	3.107	3.142	VV	906	11242	0.21%	0.025%
6	3.165	3.142	3.208	VV	1036	27205	0.52%	0.061%
7	3.217	3.208	3.248	VV	390	8284	0.16%	0.019%
8	3.256	3.248	3.268	VV	351	4190	0.08%	0.009%
9	3.298	3.268	3.377	VV	525	27071	0.51%	0.061%
10	3.411	3.377	3.425	VV	521	13353	0.25%	0.030%
11	3.441	3.425	3.475	VV	568	15316	0.29%	0.034%
12	3.503	3.475	3.516	VV	621	13512	0.26%	0.030%
13	3.526	3.516	3.538	VV	562	7132	0.14%	0.016%
14	3.542	3.538	3.552	VV	565	4254	0.08%	0.010%
15	3.563	3.552	3.611	VV	605	19726	0.38%	0.044%
16	3.632	3.611	3.661	VV	677	18460	0.35%	0.042%
17	3.684	3.661	3.702	VV	758	16619	0.32%	0.037%
18	3.736	3.702	3.778	VV	1198	37876	0.72%	0.085%
19	3.791	3.778	3.867	VV	1347	38613	0.73%	0.087%
20	3.905	3.867	3.939	VV	1188	32731	0.62%	0.074%
21	3.994	3.939	4.006	VV	972	30201	0.57%	0.068%
22	4.013	4.006	4.074	VV	856	31112	0.59%	0.070%
23	4.109	4.074	4.124	VV	1366	29985	0.57%	0.067%
24	4.141	4.124	4.195	VV	2014	51151	0.97%	0.115%
25	4.208	4.195	4.239	VV	1030	25497	0.48%	0.057%
26	4.288	4.239	4.302	VV	1229	42873	0.82%	0.096%
27	4.310	4.302	4.325	VV	1241	16262	0.31%	0.037%
28	4.338	4.325	4.368	VV	1264	29457	0.56%	0.066%
29	4.383	4.368	4.434	VV	1136	41767	0.79%	0.094%
30	4.464	4.434	4.485	VV	1219	33198	0.63%	0.075%
31	4.511	4.485	4.551	VV	1212	46539	0.88%	0.105%
32	4.566	4.551	4.617	VV	1359	50854	0.97%	0.114%
33	4.637	4.617	4.682	VV	1368	48160	0.92%	0.108%
34	4.692	4.682	4.712	VV	1287	21491	0.41%	0.048%
35	4.736	4.712	4.764	VV	1412	40098	0.76%	0.090%
36	4.781	4.764	4.805	VV	1448	34097	0.65%	0.077%

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Instrument :
FID_F
ClientSampleId :
HL2PX4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

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rteres

37	4.820	4.805	4.832	VV	1405	21521	0.41%	0.048%
38	4.852	4.832	4.891	VV	2314	58285	1	
39	4.912	4.891	4.946	VV	1680	50332	0	
40	4.985	4.946	4.996	VV	1673	47178	0	
41	5.029	4.996	5.059	VV	2000	63166	1	
42	5.079	5.059	5.113	VV	1723	49910	0	
43	5.146	5.113	5.163	VV	1509	42224	0.80%	0.095%
44	5.182	5.163	5.228	VV	1651	58484	1.11%	0.132%
45	5.272	5.228	5.306	VV	1901	76397	1.45%	0.172%
46	5.351	5.306	5.388	VV	1919	79690	1.52%	0.179%
47	5.400	5.388	5.423	VV	1614	31496	0.60%	0.071%
48	5.450	5.423	5.461	VV	1566	33851	0.64%	0.076%
49	5.510	5.461	5.535	VV	2238	79309	1.51%	0.178%
50	5.547	5.535	5.562	VV	1831	28520	0.54%	0.064%
51	5.579	5.562	5.596	VV	1975	35565	0.68%	0.080%
52	5.622	5.596	5.660	VV	1768	63608	1.21%	0.143%
53	5.670	5.660	5.683	VV	1654	22060	0.42%	0.050%
54	5.711	5.683	5.720	VV	2188	43724	0.83%	0.098%
55	5.740	5.720	5.814	VV	4137	129277	2.46%	0.291%
56	5.830	5.814	5.844	VV	1872	32806	0.62%	0.074%
57	5.904	5.844	5.942	VV	2430	119103	2.26%	0.268%
58	5.966	5.942	5.981	VV	2078	45974	0.87%	0.103%
59	6.007	5.981	6.039	VV	2879	78905	1.50%	0.178%
60	6.052	6.039	6.061	VV	2126	27276	0.52%	0.061%
61	6.070	6.061	6.101	VV	2141	45876	0.87%	0.103%
62	6.130	6.101	6.162	VV	2073	70649	1.34%	0.159%
63	6.183	6.162	6.215	VV	2485	64841	1.23%	0.146%
64	6.238	6.215	6.254	VV	2324	51280	0.97%	0.115%
65	6.277	6.254	6.348	VV	3123	130874	2.49%	0.294%
66	6.362	6.348	6.382	VV	2126	41985	0.80%	0.094%
67	6.448	6.382	6.481	VV	2472	130101	2.47%	0.293%
68	6.496	6.481	6.507	VV	2364	34614	0.66%	0.078%
69	6.532	6.507	6.548	VV	2357	53206	1.01%	0.120%
70	6.575	6.548	6.592	VV	2551	61072	1.16%	0.137%
71	6.602	6.592	6.666	VV	2402	98886	1.88%	0.222%
72	6.676	6.666	6.695	VV	2351	36759	0.70%	0.083%
73	6.725	6.695	6.781	VV	2524	104756	1.99%	0.236%
74	6.814	6.781	6.867	VV	3205	120323	2.29%	0.271%
75	6.886	6.867	6.909	VV	2644	57624	1.10%	0.130%
76	6.920	6.909	6.982	VV	2112	91087	1.73%	0.205%
77	7.018	6.982	7.035	VV	2171	68008	1.29%	0.153%
78	7.064	7.035	7.091	VV	2176	71355	1.36%	0.161%
79	7.141	7.091	7.165	VV	2430	96330	1.83%	0.217%
80	7.167	7.165	7.192	VV	2329	34894	0.66%	0.079%
81	7.196	7.192	7.201	VV	2443	12848	0.24%	0.029%
82	7.213	7.201	7.258	VV	2920	81373	1.55%	0.183%
83	7.269	7.258	7.286	VV	2470	38370	0.73%	0.086%
84	7.316	7.286	7.342	PV	2539	77451	1.47%	0.174%
85	7.368	7.342	7.381	VV	2352	52553	1.00%	0.118%
86	7.401	7.381	7.429	VV	2774	71080	1.35%	0.160%
87	7.452	7.429	7.483	VV	2336	70589	1.34%	0.159%
88	7.509	7.483	7.525	VV	2029	50155	0.95%	0.113%
89	7.549	7.525	7.569	VV	2054	52565	1.00%	0.118%

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Instrument :
FID_F
ClientSampleId :
HL2PX4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

A B C D E F G H I J

rteres

90	7.614	7.569	7.638	VV	1972	80978	1.54%	0.182%
91	7.649	7.638	7.668	VV	1963	34963		
92	7.678	7.668	7.707	VV	1957	42051		
93	7.745	7.707	7.762	VV	1730	56471		
94	7.780	7.762	7.788	VV	1655	25291		
95	7.808	7.788	7.842	VV	1701	52829		
96	7.860	7.842	7.888	VV	1684	44002	0.84%	0.099%
97	7.909	7.888	7.922	VV	1502	29321	0.56%	0.066%
98	8.056	8.042	8.074	VV	2510	44010	0.84%	0.099%
99	8.093	8.074	8.235	VV	2580	166658	3.17%	0.375%
100	8.251	8.235	8.274	VV	1335	29910	0.57%	0.067%
101	8.293	8.274	8.321	VV	1372	36296	0.69%	0.082%
102	8.380	8.321	8.414	VV	1278	66357	1.26%	0.149%
103	8.455	8.414	8.512	VV	1339	68821	1.31%	0.155%
104	8.562	8.512	8.588	VV	1426	56698	1.08%	0.128%
105	8.598	8.588	8.606	VV	1061	11115	0.21%	0.025%
106	8.628	8.606	8.653	VV	1293	31357	0.60%	0.071%
107	8.664	8.653	8.675	VV	1061	13819	0.26%	0.031%
108	8.719	8.675	8.766	VV	1526	65771	1.25%	0.148%
109	8.783	8.766	8.819	VV	1172	33882	0.64%	0.076%
110	8.995	8.978	9.004	VV	1679	24348	0.46%	0.055%
111	9.047	9.004	9.068	VV	2127	74088	1.41%	0.167%
112	9.083	9.068	9.142	VV	2149	72937	1.39%	0.164%
113	9.158	9.142	9.168	VV	1434	21403	0.41%	0.048%
114	9.185	9.168	9.208	VV	1685	35898	0.68%	0.081%
115	9.217	9.208	9.226	VV	1334	13664	0.26%	0.031%
116	9.248	9.226	9.270	VV	1417	34107	0.65%	0.077%
117	9.300	9.270	9.363	VV	1722	75362	1.43%	0.170%
118	9.392	9.363	9.413	VV	1321	36172	0.69%	0.081%
119	9.431	9.413	9.443	VV	1338	22411	0.43%	0.050%
120	9.460	9.443	9.500	VV	1442	43950	0.84%	0.099%
121	9.531	9.500	9.556	VV	1257	37672	0.72%	0.085%
122	9.586	9.556	9.599	VV	1526	32632	0.62%	0.073%
123	9.616	9.599	9.652	VV	1541	41857	0.80%	0.094%
124	9.716	9.652	9.736	VV	1990	75795	1.44%	0.171%
125	9.774	9.736	9.798	VV	2300	65366	1.24%	0.147%
126	9.855	9.798	9.874	VV	1773	69958	1.33%	0.157%
127	9.900	9.874	9.912	VV	1678	36074	0.69%	0.081%
128	9.919	9.912	9.933	VV	1676	21158	0.40%	0.048%
129	9.953	9.933	9.971	VV	1711	34895	0.66%	0.079%
130	9.997	9.971	10.007	VV	1781	34852	0.66%	0.078%
131	10.035	10.007	10.095	VV	46784	586760	11.16%	1.320%
132	10.116	10.095	10.151	VV	2212	65171	1.24%	0.147%
133	10.170	10.151	10.192	VV	2108	45487	0.86%	0.102%
134	10.209	10.192	10.220	VV	1795	29236	0.56%	0.066%
135	10.266	10.220	10.309	VV	1986	92762	1.76%	0.209%
136	10.337	10.309	10.355	VV	2025	48756	0.93%	0.110%
137	10.361	10.355	10.381	VV	1877	27131	0.52%	0.061%
138	10.409	10.381	10.422	VV	2148	47229	0.90%	0.106%
139	10.441	10.422	10.454	VV	2064	38815	0.74%	0.087%
140	10.509	10.454	10.532	VV	4568	124966	2.38%	0.281%
141	10.556	10.532	10.578	VV	3778	79630	1.51%	0.179%

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Instrument :
FID_F
ClientSampleId :
HL2PX4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

A B C D E F G H I J

rteres

142	10.648	10.578	10.671	VV	2775	143282	2.72%	0.322%
143	10.706	10.671	10.728	VV	3153	92434	1	
144	10.819	10.728	10.827	VV	2826	154817	2	
145	10.837	10.827	10.855	VV	2825	46044	0	
146	10.904	10.855	10.925	VV	3293	123667	2	
147	10.979	10.925	11.003	VV	5578	178553	3	
148	11.016	11.003	11.049	VV	3315	86955	1.65%	0.196%
149	11.065	11.049	11.085	VV	3152	65298	1.24%	0.147%
150	11.110	11.085	11.124	VV	3355	74388	1.41%	0.167%
151	11.145	11.124	11.163	VV	3916	86496	1.64%	0.195%
152	11.183	11.163	11.208	VV	4658	108646	2.07%	0.244%
153	11.236	11.208	11.266	VV	3982	127332	2.42%	0.286%
154	11.304	11.266	11.345	VV	5143	195499	3.72%	0.440%
155	11.355	11.345	11.367	VV	3668	47949	0.91%	0.108%
156	11.393	11.367	11.403	VV	4089	84553	1.61%	0.190%
157	11.439	11.403	11.448	VV	4192	108882	2.07%	0.245%
158	11.461	11.448	11.489	VV	4196	101008	1.92%	0.227%
159	11.543	11.489	11.572	VV	5023	222249	4.23%	0.500%
160	11.585	11.572	11.594	VV	4714	61902	1.18%	0.139%
161	11.610	11.594	11.655	VV	5153	170041	3.23%	0.383%
162	11.702	11.655	11.750	VV	8682	319887	6.08%	0.720%
163	11.770	11.750	11.792	VV	4832	113235	2.15%	0.255%
164	11.807	11.792	11.827	VV	4739	97662	1.86%	0.220%
165	11.870	11.827	11.888	VV	5952	189275	3.60%	0.426%
166	11.932	11.888	11.968	VV	462173	5260022	100.00%	11.833%
167	11.994	11.968	12.012	VV	5948	148304	2.82%	0.334%
168	12.018	12.012	12.037	VV	5684	83596	1.59%	0.188%
169	12.069	12.037	12.089	VV	6140	185020	3.52%	0.416%
170	12.114	12.089	12.147	VV	6400	210818	4.01%	0.474%
171	12.163	12.147	12.195	VV	5959	163740	3.11%	0.368%
172	12.229	12.195	12.239	VV	6632	158888	3.02%	0.357%
173	12.262	12.239	12.318	VV	7230	304487	5.79%	0.685%
174	12.385	12.318	12.416	VV	6695	359691	6.84%	0.809%
175	12.429	12.416	12.458	VV	6166	151770	2.89%	0.341%
176	12.530	12.458	12.632	VV	72055	1475964	28.06%	3.320%
177	12.648	12.632	12.664	VV	7566	139268	2.65%	0.313%
178	12.677	12.664	12.692	VV	6747	109076	2.07%	0.245%
179	12.705	12.692	12.744	VV	6864	204166	3.88%	0.459%
180	12.781	12.744	12.812	VV	6935	263893	5.02%	0.594%
181	12.866	12.812	12.904	VV	7160	371547	7.06%	0.836%
182	12.925	12.904	12.958	VV	7288	222116	4.22%	0.500%
183	12.987	12.958	13.018	VV	8755	273502	5.20%	0.615%
184	13.035	13.018	13.058	VV	7496	169655	3.23%	0.382%
185	13.071	13.058	13.137	VV	6691	301735	5.74%	0.679%
186	13.160	13.137	13.177	VV	7412	163062	3.10%	0.367%
187	13.187	13.177	13.228	VV	6862	198040	3.76%	0.446%
188	13.246	13.228	13.264	VV	6501	134955	2.57%	0.304%
189	13.281	13.264	13.305	VV	6736	159848	3.04%	0.360%
190	13.370	13.305	13.403	VV	337328	4422246	84.07%	9.949%
191	13.415	13.403	13.449	VV	8034	203689	3.87%	0.458%
192	13.468	13.449	13.505	VV	7174	230365	4.38%	0.518%
193	13.509	13.505	13.518	VV	6469	51245	0.97%	0.115%
194	13.547	13.518	13.563	VV	7393	186375	3.54%	0.419%

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Instrument :
FID_F
ClientSampleId :
HL2PX4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

A B C D E F G H I J

rteres

195	13.600	13.563	13.688	VV	8009	536374	10.20%	1.207%
196	13.701	13.688	13.725	VV	7185	147370	2	
197	13.761	13.725	13.795	VV	24315	501620	9	
198	13.806	13.795	13.838	VV	7508	187739	3	
199	13.847	13.838	13.891	VV	7141	209828	3	
200	13.911	13.891	13.928	VV	6693	139558	2	
201	13.978	13.928	14.005	VV	7056	306060	5.82%	0.689%
202	14.034	14.005	14.053	VV	6901	191067	3.63%	0.430%
203	14.071	14.053	14.101	VV	7324	191585	3.64%	0.431%
204	14.120	14.101	14.135	VV	7027	134801	2.56%	0.303%
205	14.147	14.135	14.161	VV	6762	104938	2.00%	0.236%
206	14.173	14.161	14.197	VV	6640	135605	2.58%	0.305%
207	14.209	14.197	14.232	VV	6302	126070	2.40%	0.284%
208	14.240	14.232	14.244	VV	6128	44790	0.85%	0.101%
209	14.265	14.244	14.301	VV	6212	203525	3.87%	0.458%
210	14.339	14.301	14.382	VV	6806	303470	5.77%	0.683%
211	14.421	14.382	14.433	VV	6076	181721	3.45%	0.409%
212	14.440	14.433	14.466	VV	5896	112561	2.14%	0.253%
213	14.498	14.466	14.538	VV	5950	247328	4.70%	0.556%
214	14.571	14.538	14.590	VV	6079	185141	3.52%	0.417%
215	14.599	14.590	14.609	VV	5912	65115	1.24%	0.146%
216	14.632	14.609	14.662	VV	6445	182388	3.47%	0.410%
217	14.689	14.662	14.724	VV	5745	203365	3.87%	0.458%
218	14.749	14.724	14.766	VV	6524	147590	2.81%	0.332%
219	14.780	14.766	14.792	VV	5794	88934	1.69%	0.200%
220	14.807	14.792	14.865	VV	5967	236812	4.50%	0.533%
221	14.906	14.865	14.925	VV	5772	186402	3.54%	0.419%
222	14.936	14.925	14.991	VV	5686	204704	3.89%	0.461%
223	15.019	14.991	15.048	VV	4963	160760	3.06%	0.362%
224	15.067	15.048	15.098	VV	4851	137571	2.62%	0.309%
225	15.116	15.098	15.130	VV	4707	87377	1.66%	0.197%
226	15.143	15.130	15.173	VV	4686	113615	2.16%	0.256%
227	15.223	15.173	15.236	VV	4604	165862	3.15%	0.373%
228	15.270	15.236	15.331	VV	4882	247291	4.70%	0.556%
229	15.360	15.331	15.404	VV	4644	174825	3.32%	0.393%
230	15.422	15.404	15.452	VV	3765	103598	1.97%	0.233%
231	15.472	15.452	15.571	VV	3828	249735	4.75%	0.562%
232	15.586	15.571	15.593	VV	3521	44230	0.84%	0.100%
233	15.621	15.593	15.731	VV	10149	554163	10.54%	1.247%
234	15.766	15.731	15.794	VV	5370	172791	3.28%	0.389%
235	15.819	15.794	15.861	VV	5873	163901	3.12%	0.369%
236	15.881	15.861	15.909	VV	3247	80846	1.54%	0.182%
237	15.924	15.909	15.937	VV	2549	42392	0.81%	0.095%
238	15.967	15.937	16.028	VV	3451	150029	2.85%	0.338%
239	16.073	16.028	16.120	VV	3224	151545	2.88%	0.341%
240	16.136	16.120	16.181	VV	2643	92223	1.75%	0.207%
241	16.205	16.181	16.222	VV	2792	62021	1.18%	0.140%
242	16.250	16.222	16.267	VV	3322	77755	1.48%	0.175%
243	16.285	16.267	16.321	VV	3071	91762	1.74%	0.206%
244	16.332	16.321	16.359	VV	2467	52465	1.00%	0.118%
245	16.386	16.359	16.405	VV	2491	63260	1.20%	0.142%
246	16.455	16.405	16.502	VV	3513	155228	2.95%	0.349%

Instrument :
FID_F
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HL2PX4

Manual IntegrationsAPPROVED

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rteres

247	16.549	16.502	16.569	VV	3509	116691	2.22%	0.263%
248	16.577	16.569	16.597	VV	3123	49046		
249	16.616	16.597	16.660	VV	3045	97444		
250	16.699	16.660	16.715	VV	3020	88712		
251	16.734	16.715	16.792	VV	3576	122601		
252	16.814	16.792	16.841	VV	2910	75036		
253	16.878	16.841	16.915	VV	2614	110499	2.10%	0.249%
254	16.945	16.915	16.987	VV	2951	115527	2.20%	0.260%
255	17.006	16.987	17.028	VV	2910	63719	1.21%	0.143%
256	17.063	17.028	17.120	VV	2986	140959	2.68%	0.317%
257	17.201	17.120	17.213	VV	3985	157863	3.00%	0.355%
258	17.226	17.213	17.242	VV	3921	63899	1.21%	0.144%
259	17.250	17.242	17.281	VV	3589	69053	1.31%	0.155%
260	17.322	17.281	17.351	VV	2545	100283	1.91%	0.226%
261	17.445	17.351	17.491	VV	4690	239779	4.56%	0.539%
262	17.523	17.491	17.588	VV	3943	168692	3.21%	0.379%
263	17.619	17.588	17.634	VV	3976	91157	1.73%	0.205%
264	17.652	17.634	17.714	VV	4464	151593	2.88%	0.341%
265	17.766	17.714	17.804	VV	3549	143281	2.72%	0.322%
266	17.826	17.804	17.845	VV	2081	44950	0.85%	0.101%
267	17.865	17.845	17.902	VV	1871	55196	1.05%	0.124%
268	17.922	17.902	17.962	VV	1907	58889	1.12%	0.132%
269	17.992	17.962	18.022	VV	2007	58213	1.11%	0.131%
270	18.043	18.022	18.068	VV	2814	65916	1.25%	0.148%
271	18.090	18.068	18.121	VV	3980	80899	1.54%	0.182%
272	18.139	18.121	18.158	VV	1759	32343	0.61%	0.073%
273	18.182	18.158	18.201	VV	1883	39302	0.75%	0.088%
274	18.236	18.201	18.255	VV	4676	92408	1.76%	0.208%
275	18.264	18.255	18.315	VV	3098	71136	1.35%	0.160%
276	18.324	18.315	18.345	VV	1304	19734	0.38%	0.044%
277	18.374	18.345	18.394	VV	1479	35648	0.68%	0.080%
278	18.414	18.394	18.425	VV	1810	28406	0.54%	0.064%
279	18.459	18.425	18.498	VV	6159	162887	3.10%	0.366%
280	18.514	18.498	18.548	VV	3883	76162	1.45%	0.171%
281	18.556	18.548	18.567	VV	1362	14307	0.27%	0.032%
282	18.606	18.567	18.662	VV	4615	99660	1.89%	0.224%
283	18.668	18.662	18.702	VV	588	8564	0.16%	0.019%
284	18.923	18.702	18.961	VV	5717	366460	6.97%	0.824%
285	19.027	18.961	19.047	VV	7158	283265	5.39%	0.637%
286	19.079	19.047	19.178	VV	10056	367963	7.00%	0.828%
287	19.207	19.178	19.236	VV	909	24107	0.46%	0.054%
288	19.288	19.236	19.305	VV	3127	63590	1.21%	0.143%
289	19.326	19.305	19.394	VV	3138	96251	1.83%	0.217%
290	19.427	19.394	19.462	VV	1209	33791	0.64%	0.076%
291	19.515	19.462	19.561	VV	1102	45448	0.86%	0.102%
292	19.572	19.561	19.599	VV	379	5185	0.10%	0.012%
293	19.615	19.599	19.648	PV	431	4514	0.09%	0.010%
294	19.714	19.648	19.728	VV	1943	39370	0.75%	0.089%
295	19.739	19.728	19.795	VV	1569	44231	0.84%	0.100%
296	19.827	19.795	19.851	VV	1168	28121	0.53%	0.063%
297	19.881	19.851	19.905	VV	1970	41949	0.80%	0.094%
298	20.004	19.905	20.045	VV	2403	133583	2.54%	0.301%
299	20.076	20.045	20.103	VV	3073	81343	1.55%	0.183%

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Instrument :
FID_F
ClientSampleId :
HL2PX4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

A B C D E F G H I J

				rteres				
300	20.133	20.103	20.166	VV	2680	85644	1.63%	0.193%
301	20.252	20.166	20.263	VV	2543	131320	2	
302	20.309	20.263	20.341	VV	2801	122679	2	
303	20.415	20.341	20.432	VV	3269	161763	3	
304	20.453	20.432	20.475	VV	3981	93129	1	
305	20.514	20.475	20.567	VV	4247	210830	4	
306	20.617	20.567	20.640	VV	4225	173985	3.31%	0.391%
307	20.679	20.640	20.718	VV	4711	211622	4.02%	0.476%
308	20.726	20.718	20.757	VV	4582	106002	2.02%	0.238%
309	20.833	20.757	20.861	VV	15108	651718	12.39%	1.466%
310	20.887	20.861	21.062	VV	15595	979468	18.62%	2.203%
311	21.081	21.062	21.102	VV	3913	91328	1.74%	0.205%
312	21.105	21.102	21.142	VV	3848	89699	1.71%	0.202%
313	21.153	21.142	21.165	VV	3822	52300	0.99%	0.118%
314	21.194	21.165	21.325	VV	4013	320565	6.09%	0.721%
315	21.337	21.325	21.364	VV	2520	56280	1.07%	0.127%
316	21.395	21.364	21.495	VV	2466	179203	3.41%	0.403%
317	21.532	21.495	21.564	VV	2239	84435	1.61%	0.190%
318	21.625	21.564	21.729	VV	2256	172026	3.27%	0.387%
319	21.770	21.729	21.982	VV	1169	106434	2.02%	0.239%
320	21.988	21.982	22.012	VV	214	1617	0.03%	0.004%
321	22.040	22.012	22.064	PV	151	2387	0.05%	0.005%
322	22.095	22.064	22.118	PV	106	1422	0.03%	0.003%
323	22.165	22.118	22.202	PBA	481	31258	0.59%	0.070%
			Sum of corrected areas:			44451311		

Aliphatic EPH 011425.M Sat Feb 01 00:44:26 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
Data File : FC068165.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 16:05
Operator : YP/AJ
Sample : Q1237-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
HL2PX5

Integration File: autoint1.e
Quant Time: Jan 31 22:16:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:31:18 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			
9) S ortho-Terphenyl (SURR)	11.421	4878753	31.221 ug/ml
Spiked Amount 50.000		Recovery =	62.44%
12) S 1-chlorooctadecane (S...	12.860	3825270	33.262 ug/ml
Spiked Amount 50.000		Recovery =	66.52%
Target Compounds			

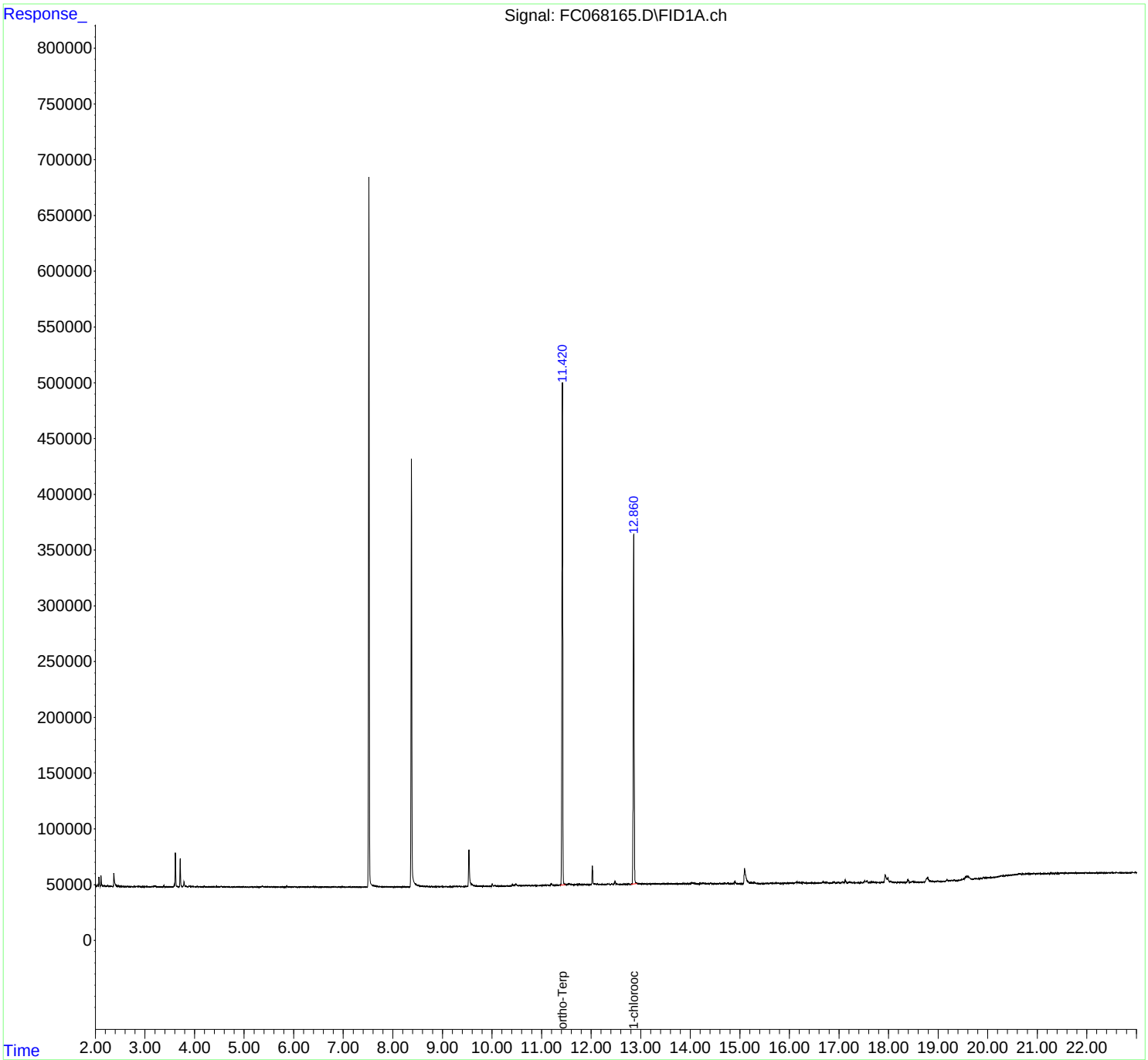
(f)=RT Delta > 1/2 Window (m)=manual int.

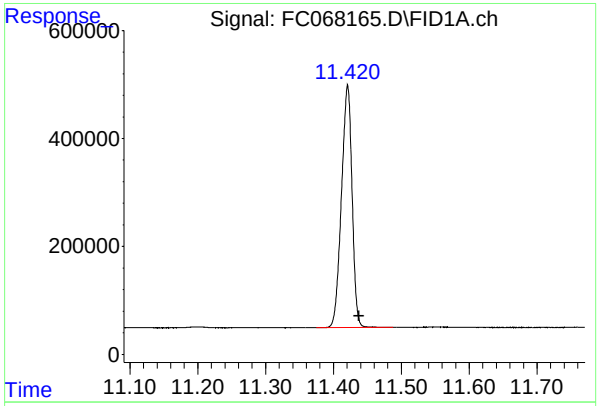
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
Data File : FC068165.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 16:05
Operator : YP/AJ
Sample : Q1237-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
HL2PX5

Integration File: autoint1.e
Quant Time: Jan 31 22:16:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:31:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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

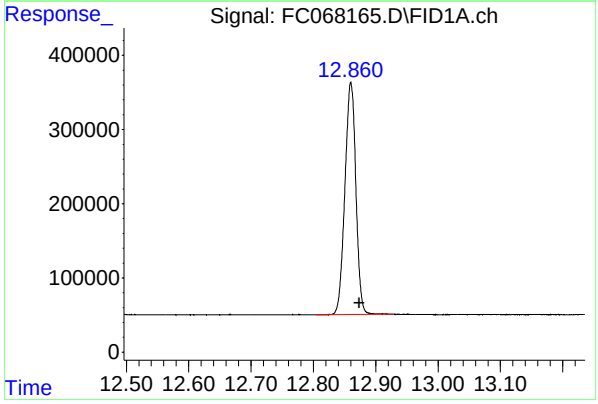




#9 ortho-Terphenyl (SURR)

R.T.: 11.421 min
Delta R.T.: -0.017 min
Response: 4878753
Conc: 31.22 ug/ml

Instrument :
FID_C
ClientSampleId :
HL2PX5



#12 1-chlorooctadecane (SURR)

R.T.: 12.860 min
Delta R.T.: -0.014 min
Response: 3825270
Conc: 33.26 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
Data File : FC068165.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 16:05
Sample : Q1237-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.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	3.034	3.004	3.072	PH	181	4108	0.08%	0.025%
2	3.101	3.094	3.119	VV	106	818	0.02%	0.005%
3	3.144	3.119	3.168	PV	329	6411	0.13%	0.039%
4	3.189	3.168	3.201	VV	528	6751	0.14%	0.041%
5	3.216	3.201	3.303	VV	989	14747	0.30%	0.090%
6	3.320	3.303	3.329	PV	77	874	0.02%	0.005%
7	3.381	3.329	3.426	VV	1338	14660	0.30%	0.089%
8	3.451	3.426	3.496	VV	90	2209	0.04%	0.013%
9	3.502	3.496	3.509	VV	79	332	0.01%	0.002%
10	3.521	3.509	3.534	VV	72	604	0.01%	0.004%
11	3.551	3.534	3.563	VV	136	1447	0.03%	0.009%
12	3.614	3.563	3.691	VV	30398	284113	5.73%	1.732%
13	3.710	3.691	3.762	VV	24751	215896	4.35%	1.316%
14	3.788	3.762	3.815	VV	4724	54923	1.11%	0.335%
15	3.825	3.815	3.870	VV	768	13805	0.28%	0.084%
16	3.888	3.870	3.938	VV	965	19130	0.39%	0.117%
17	3.949	3.938	4.027	VV	485	15741	0.32%	0.096%
18	4.051	4.027	4.072	VV	436	7618	0.15%	0.046%
19	4.085	4.072	4.137	VV	409	9506	0.19%	0.058%
20	4.148	4.137	4.174	VV	221	3231	0.07%	0.020%
21	4.193	4.174	4.258	VV	406	9085	0.18%	0.055%
22	4.283	4.258	4.304	VV	287	4117	0.08%	0.025%
23	4.349	4.304	4.369	VV	208	5308	0.11%	0.032%
24	4.386	4.369	4.415	VV	260	4183	0.08%	0.025%
25	4.438	4.415	4.460	VV	471	6427	0.13%	0.039%
26	4.478	4.460	4.495	VV	274	4475	0.09%	0.027%
27	4.506	4.495	4.519	VV	187	2244	0.05%	0.014%
28	4.538	4.519	4.581	VV	1027	13196	0.27%	0.080%
29	4.590	4.581	4.623	VV	231	3493	0.07%	0.021%
30	4.657	4.623	4.673	VV	217	4023	0.08%	0.025%
31	4.695	4.673	4.736	VV	290	5563	0.11%	0.034%
32	4.748	4.736	4.778	VV	158	2202	0.04%	0.013%
33	4.801	4.778	4.821	VV	180	2172	0.04%	0.013%
34	4.837	4.821	4.855	VV	157	1850	0.04%	0.011%
35	4.890	4.855	4.903	PV	221	4013	0.08%	0.024%
36	4.920	4.903	4.947	VV	178	2799	0.06%	0.017%

rteres

37	4.971	4.947	5.008	VV	221	4818	0.10%	0.029%
38	5.034	5.008	5.095	PV	164	4734	0.10%	0.029%
39	5.144	5.095	5.188	VV	359	9705	0.20%	0.059%
40	5.201	5.188	5.212	VV	170	1571	0.03%	0.010%
41	5.218	5.212	5.227	VV	98	773	0.02%	0.005%
42	5.251	5.227	5.297	VV	161	3726	0.08%	0.023%
43	5.315	5.297	5.343	VV	219	4201	0.08%	0.026%
44	5.362	5.343	5.475	VV	993	28950	0.58%	0.176%
45	5.500	5.475	5.534	VV	363	7600	0.15%	0.046%
46	5.561	5.534	5.584	VV	227	4435	0.09%	0.027%
47	5.597	5.584	5.631	VV	276	5311	0.11%	0.032%
48	5.662	5.631	5.698	VV	161	3843	0.08%	0.023%
49	5.719	5.698	5.743	VV	209	2577	0.05%	0.016%
50	5.763	5.743	5.782	VV	187	2475	0.05%	0.015%
51	5.815	5.782	5.837	VV	152	2879	0.06%	0.018%
52	5.859	5.837	5.949	VV	920	20322	0.41%	0.124%
53	6.016	5.949	6.061	VV	468	10739	0.22%	0.065%
54	6.075	6.061	6.085	VV	144	1375	0.03%	0.008%
55	6.096	6.085	6.121	VV	127	2049	0.04%	0.012%
56	6.145	6.121	6.168	VV	271	4560	0.09%	0.028%
57	6.179	6.168	6.284	VV	219	8104	0.16%	0.049%
58	6.291	6.284	6.348	VV	201	3763	0.08%	0.023%
59	6.355	6.348	6.368	VV	96	787	0.02%	0.005%
60	6.387	6.368	6.426	VV	555	11264	0.23%	0.069%
61	6.441	6.426	6.500	VV	332	7447	0.15%	0.045%
62	6.511	6.500	6.550	VV	144	2809	0.06%	0.017%
63	6.607	6.550	6.629	VV	155	5114	0.10%	0.031%
64	6.635	6.629	6.653	VV	91	1180	0.02%	0.007%
65	6.681	6.653	6.733	VV	130	4389	0.09%	0.027%
66	6.788	6.733	6.814	VV	301	9137	0.18%	0.056%
67	6.829	6.814	6.877	VV	254	7509	0.15%	0.046%
68	6.912	6.877	6.925	VV	250	4730	0.10%	0.029%
69	6.990	6.925	7.024	VV	339	11644	0.23%	0.071%
70	7.046	7.024	7.073	VV	169	3528	0.07%	0.022%
71	7.091	7.073	7.128	VV	198	4296	0.09%	0.026%
72	7.150	7.128	7.179	VV	161	3246	0.07%	0.020%
73	7.212	7.179	7.259	PV	237	6667	0.13%	0.041%
74	7.291	7.259	7.314	VV	185	3628	0.07%	0.022%
75	7.334	7.314	7.349	VV	145	2211	0.04%	0.013%
76	7.372	7.349	7.381	VV	138	2159	0.04%	0.013%
77	7.390	7.381	7.418	VV	149	1546	0.03%	0.009%
78	7.432	7.418	7.480	PV	81	2196	0.04%	0.013%
79	7.658	7.648	7.814	VV	947	49043	0.99%	0.299%
80	7.841	7.814	7.855	VV	302	6255	0.13%	0.038%
81	7.870	7.855	7.891	VV	209	4106	0.08%	0.025%
82	7.902	7.891	7.927	VV	246	3652	0.07%	0.022%
83	7.939	7.927	7.952	VV	208	2256	0.05%	0.014%
84	7.985	7.952	8.031	VV	226	7006	0.14%	0.043%
85	8.080	8.031	8.130	VV	391	10155	0.20%	0.062%
86	8.145	8.130	8.184	VV	247	3675	0.07%	0.022%
87	8.200	8.184	8.215	VV	135	1670	0.03%	0.010%
88	8.230	8.215	8.255	VV	200	2314	0.05%	0.014%
89	8.262	8.255	8.277	VV	80	694	0.01%	0.004%

rteres

90	8.296	8.277	8.310	PV	128	1323	0.03%	0.008%
91	8.320	8.310	8.339	VV	100	1267	0.03%	0.008%
92	8.583	8.575	8.666	VV	815	29917	0.60%	0.182%
93	8.690	8.666	8.743	VV	424	14497	0.29%	0.088%
94	8.754	8.743	8.787	VV	313	5914	0.12%	0.036%
95	8.816	8.787	8.882	VV	300	10957	0.22%	0.067%
96	8.904	8.882	8.944	VV	271	6179	0.12%	0.038%
97	8.956	8.944	9.014	VV	176	4551	0.09%	0.028%
98	9.029	9.014	9.056	VV	103	1547	0.03%	0.009%
99	9.069	9.056	9.077	VV	64	500	0.01%	0.003%
100	9.088	9.077	9.115	VV	127	1769	0.04%	0.011%
101	9.127	9.115	9.143	VV	150	1651	0.03%	0.010%
102	9.173	9.143	9.237	VV	153	3710	0.07%	0.023%
103	9.276	9.237	9.314	VV	400	7593	0.15%	0.046%
104	9.357	9.314	9.381	VV	246	5979	0.12%	0.036%
105	9.401	9.381	9.480	VV	160	5433	0.11%	0.033%
106	9.536	9.480	9.658	PV	33002	516999	10.42%	3.151%
107	9.674	9.658	9.728	VV	662	19823	0.40%	0.121%
108	9.751	9.728	9.814	VV	357	14902	0.30%	0.091%
109	9.837	9.814	9.880	VV	214	6135	0.12%	0.037%
110	9.894	9.880	9.900	VV	115	1285	0.03%	0.008%
111	9.908	9.900	9.951	VV	183	3494	0.07%	0.021%
112	9.959	9.951	9.966	VV	113	948	0.02%	0.006%
113	10.006	9.966	10.038	VV	2201	33012	0.67%	0.201%
114	10.060	10.038	10.100	VV	552	14157	0.29%	0.086%
115	10.111	10.100	10.119	VV	261	2702	0.05%	0.016%
116	10.149	10.119	10.191	VV	292	9439	0.19%	0.058%
117	10.205	10.191	10.231	VV	326	5293	0.11%	0.032%
118	10.296	10.231	10.317	VV	267	9212	0.19%	0.056%
119	10.342	10.317	10.357	VV	331	6393	0.13%	0.039%
120	10.413	10.357	10.458	VV	1109	42285	0.85%	0.258%
121	10.483	10.458	10.574	VV	1487	53964	1.09%	0.329%
122	10.643	10.574	10.674	VV	460	23756	0.48%	0.145%
123	10.680	10.674	10.700	VV	471	5927	0.12%	0.036%
124	10.750	10.700	10.768	VV	494	16951	0.34%	0.103%
125	10.809	10.768	10.845	VV	556	18846	0.38%	0.115%
126	10.888	10.845	10.924	VV	435	17297	0.35%	0.105%
127	10.947	10.924	11.013	VV	477	20950	0.42%	0.128%
128	11.046	11.013	11.074	VV	760	20825	0.42%	0.127%
129	11.113	11.074	11.158	VV	870	27761	0.56%	0.169%
130	11.200	11.158	11.240	VV	1922	47161	0.95%	0.287%
131	11.266	11.240	11.288	VV	675	14878	0.30%	0.091%
132	11.309	11.288	11.337	VV	588	15210	0.31%	0.093%
133	11.420	11.337	11.518	VV	454954	4962149	100.00%	30.244%
134	11.553	11.518	11.688	VV	1614	107959	2.18%	0.658%
135	11.710	11.688	11.734	VV	851	22562	0.45%	0.138%
136	11.760	11.734	11.817	VV	1291	45490	0.92%	0.277%
137	11.869	11.817	11.948	VV	955	61628	1.24%	0.376%
138	12.027	11.948	12.101	VV	17449	253856	5.12%	1.547%
139	12.122	12.101	12.208	VV	1122	60567	1.22%	0.369%
140	12.229	12.208	12.301	VV	973	48118	0.97%	0.293%
141	12.337	12.301	12.401	VV	1215	55103	1.11%	0.336%

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142	12.420	12.401	12.441	VV	1256	24598	0.50%	0.150%
143	12.482	12.441	12.601	VV	3320	112816	2.27%	0.688%
144	12.622	12.601	12.648	VV	803	20558	0.41%	0.125%
145	12.665	12.648	12.684	VV	889	17483	0.35%	0.107%
146	12.694	12.684	12.714	VV	852	13591	0.27%	0.083%
147	12.776	12.714	12.803	VV	847	42377	0.85%	0.258%
148	12.860	12.803	13.011	VV	314947	3962625	79.86%	24.152%
149	13.051	13.011	13.111	VV	1029	56711	1.14%	0.346%
150	13.157	13.111	13.208	VV	1049	50204	1.01%	0.306%
151	13.257	13.208	13.284	VV	1068	43497	0.88%	0.265%
152	13.299	13.284	13.331	VV	1035	25435	0.51%	0.155%
153	13.338	13.331	13.364	VV	901	16412	0.33%	0.100%
154	13.378	13.364	13.402	VV	895	17723	0.36%	0.108%
155	13.462	13.402	13.495	VV	998	47808	0.96%	0.291%
156	13.523	13.495	13.591	VV	1055	51907	1.05%	0.316%
157	13.613	13.591	13.691	VV	925	48814	0.98%	0.298%
158	13.700	13.691	13.722	VV	838	14041	0.28%	0.086%
159	13.752	13.722	13.785	VV	806	27510	0.55%	0.168%
160	13.847	13.785	13.878	VV	1018	46261	0.93%	0.282%
161	13.905	13.878	13.946	VV	889	31689	0.64%	0.193%
162	14.044	13.946	14.147	VV	1665	111172	2.24%	0.678%
163	14.172	14.147	14.194	VV	814	19043	0.38%	0.116%
164	14.242	14.194	14.381	VV	1155	90098	1.82%	0.549%
165	14.408	14.381	14.434	VV	826	22667	0.46%	0.138%
166	14.450	14.434	14.519	VV	652	28525	0.57%	0.174%
167	14.550	14.519	14.567	VV	578	16151	0.33%	0.098%
168	14.598	14.567	14.650	VV	754	30986	0.62%	0.189%
169	14.712	14.650	14.734	VV	956	34078	0.69%	0.208%
170	14.756	14.734	14.811	VV	1007	30980	0.62%	0.189%
171	14.852	14.811	14.872	VV	575	18890	0.38%	0.115%
172	14.902	14.872	14.936	VV	2798	45802	0.92%	0.279%
173	14.979	14.936	15.031	VV	527	23118	0.47%	0.141%
174	15.097	15.031	15.211	VV	13788	401264	8.09%	2.446%
175	15.239	15.211	15.265	VV	1399	36427	0.73%	0.222%
176	15.288	15.265	15.327	VV	1838	36858	0.74%	0.225%
177	15.348	15.327	15.411	VV	504	18120	0.37%	0.110%
178	15.439	15.411	15.471	VV	333	10784	0.22%	0.066%
179	15.485	15.471	15.508	VV	303	6150	0.12%	0.037%
180	15.539	15.508	15.588	VV	549	20139	0.41%	0.123%
181	15.636	15.588	15.711	VV	581	29861	0.60%	0.182%
182	15.732	15.711	15.774	VV	978	21327	0.43%	0.130%
183	15.786	15.774	15.838	VV	533	11744	0.24%	0.072%
184	15.852	15.838	15.864	VV	195	3267	0.07%	0.020%
185	15.914	15.864	15.950	VV	473	17179	0.35%	0.105%
186	16.067	15.950	16.091	VV	575	36867	0.74%	0.225%
187	16.129	16.091	16.194	VV	1183	54880	1.11%	0.334%
188	16.211	16.194	16.251	VV	1309	24907	0.50%	0.152%
189	16.287	16.251	16.334	VV	1119	28974	0.58%	0.177%
190	16.355	16.334	16.391	VV	535	13447	0.27%	0.082%
191	16.432	16.391	16.458	VV	531	17217	0.35%	0.105%
192	16.465	16.458	16.494	VV	551	8829	0.18%	0.054%
193	16.535	16.494	16.563	VV	475	15707	0.32%	0.096%
194	16.680	16.563	16.711	VV	1519	54672	1.10%	0.333%

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195	16.724	16.711	16.741	VV	962	14105	0.28%	0.086%
196	16.754	16.741	16.818	VV	691	20664	0.42%	0.126%
197	16.898	16.818	16.944	VV	897	39486	0.80%	0.241%
198	16.989	16.944	17.034	VV	671	26925	0.54%	0.164%
199	17.069	17.034	17.101	VV	1218	33203	0.67%	0.202%
200	17.126	17.101	17.174	VV	2464	50396	1.02%	0.307%
201	17.215	17.174	17.328	VV	928	41163	0.83%	0.251%
202	17.346	17.328	17.421	VV	340	14358	0.29%	0.088%
203	17.442	17.421	17.474	VV	398	8674	0.17%	0.053%
204	17.519	17.474	17.541	VV	1916	36180	0.73%	0.221%
205	17.562	17.541	17.624	VV	1738	37509	0.76%	0.229%
206	17.654	17.624	17.754	VV	1141	44775	0.90%	0.273%
207	17.774	17.754	17.817	VV	653	11815	0.24%	0.072%
208	17.934	17.817	17.968	VV	6977	180109	3.63%	1.098%
209	17.985	17.968	18.034	VV	4220	97025	1.96%	0.591%
210	18.051	18.034	18.161	VV	1329	40279	0.81%	0.245%
211	18.198	18.161	18.224	VV	369	8932	0.18%	0.054%
212	18.261	18.224	18.328	VV	301	11709	0.24%	0.071%
213	18.392	18.328	18.431	PV	2541	52540	1.06%	0.320%
214	18.488	18.431	18.571	VV	817	33178	0.67%	0.202%
215	18.588	18.571	18.617	VV	211	2550	0.05%	0.016%
216	18.655	18.617	18.677	PV	180	2074	0.04%	0.013%
217	18.784	18.677	18.938	VV	3647	162532	3.28%	0.991%
218	18.986	18.938	19.021	VV	518	14845	0.30%	0.090%
219	19.057	19.021	19.104	VV	268	8446	0.17%	0.051%
220	19.179	19.104	19.241	PV	1387	35750	0.72%	0.218%
221	19.280	19.241	19.303	VV	598	16041	0.32%	0.098%
222	19.326	19.303	19.391	VV	749	17103	0.34%	0.104%
223	19.596	19.391	19.711	PV	3366	253595	5.11%	1.546%
224	19.771	19.711	19.790	VV	751	31063	0.63%	0.189%
225	19.918	19.790	19.951	VV	1352	65190	1.31%	0.397%
226	20.013	19.951	20.038	VV	824	37956	0.76%	0.231%
227	20.116	20.038	20.131	VV	938	43260	0.87%	0.264%
228	20.281	20.131	20.301	VV	1732	121706	2.45%	0.742%
229	20.633	20.301	20.681	VV	2414	411964	8.30%	2.511%
230	20.771	20.681	20.814	VV	1938	153655	3.10%	0.937%
231	20.835	20.814	20.903	VV	1801	89887	1.81%	0.548%
232	20.931	20.903	20.986	VV	2083	79778	1.61%	0.486%
233	21.028	20.986	21.111	VV	1480	98322	1.98%	0.599%
234	21.261	21.111	21.324	VV	948	112299	2.26%	0.684%
235	21.371	21.324	21.400	VV	663	26839	0.54%	0.164%
236	21.490	21.400	21.532	VV	544	33428	0.67%	0.204%
237	21.575	21.532	21.604	VV	221	6861	0.14%	0.042%

Sum of corrected areas: 16407077

Aliphatic EPH 012425.M Fri Jan 31 22:49:13 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
Data File : FC068166.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 16:42
Operator : YP/AJ
Sample : Q1237-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
HL2PX6

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e
Quant Time: Jan 31 22:16:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:31:18 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			
9) S ortho-Terphenyl (SURR)	11.422	5791006	37.058 ug/mlm
Spiked Amount 50.000		Recovery =	74.12%
12) S 1-chlorooctadecane (S...	12.864	4455451	38.742 ug/ml
Spiked Amount 50.000		Recovery =	77.48%
Target Compounds			

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

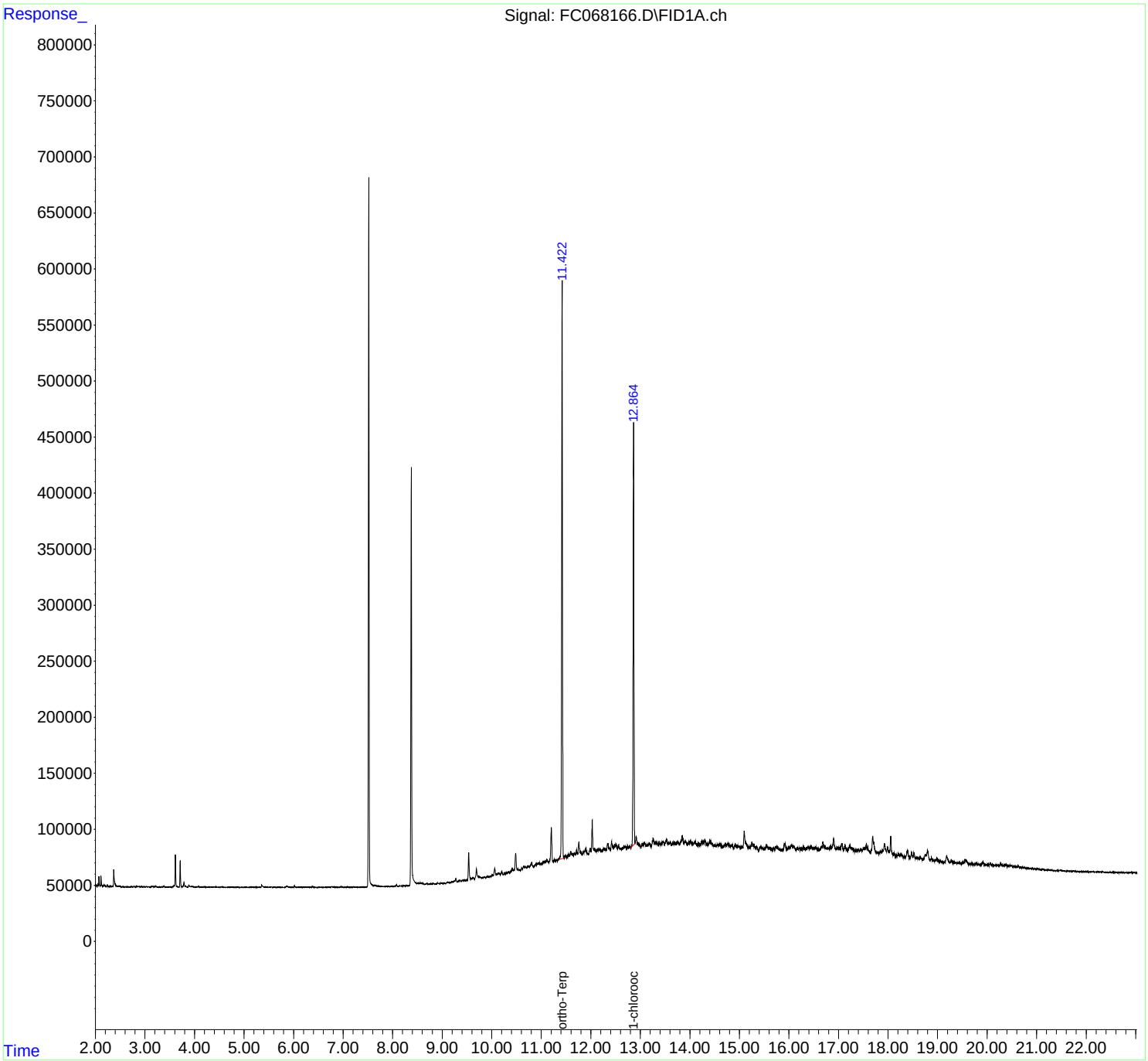
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
Data File : FC068166.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 16:42
Operator : YP/AJ
Sample : Q1237-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

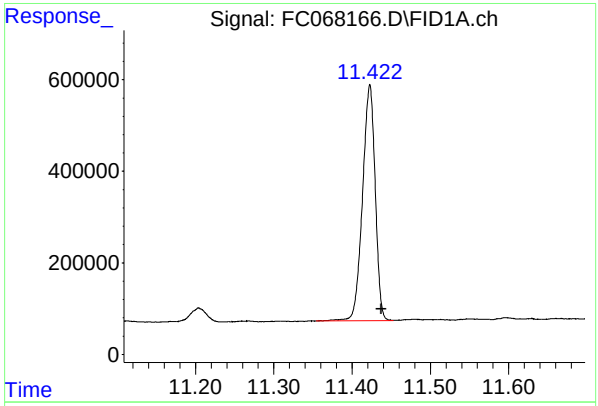
Integration File: autoint1.e
Quant Time: Jan 31 22:16:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:31:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
FID_C
ClientSampleId :
HL2PX6

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025





#9 ortho-Terphenyl (SURR)

R.T.: 11.422 min
Delta R.T.: -0.015 min
Response: 5791006
Conc: 37.06 ug/ml

Instrument :
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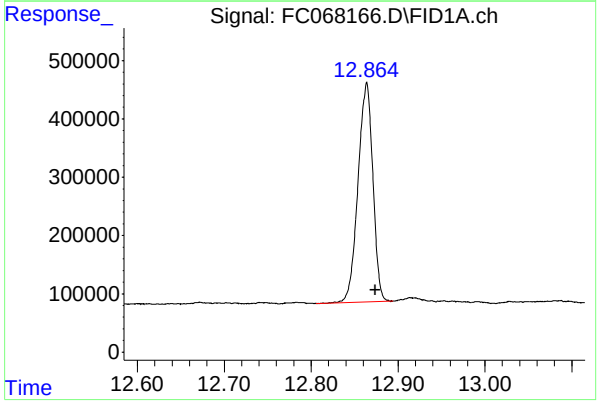

#12 1-chlorooctadecane (SURR)

R.T.: 12.864 min
Delta R.T.: -0.010 min
Response: 4455451
Conc: 38.74 ug/ml

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rteres

Area Percent Report

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC01312
Data File : FC068166.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 16:42
Sample : Q1237-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.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	3.022	3.004	3.111	BV	198	395	0.01%	0.000%
2	3.139	3.111	3.161	PV	356	7105	0.10%	0.004%
3	3.169	3.161	3.176	VV	348	2763	0.04%	0.002%
4	3.188	3.176	3.201	VV	452	5051	0.07%	0.003%
5	3.216	3.201	3.282	VV	818	12566	0.17%	0.007%
6	3.290	3.282	3.304	VV	71	483	0.01%	0.000%
7	3.350	3.304	3.368	PV	255	3710	0.05%	0.002%
8	3.381	3.368	3.404	VV	1129	10046	0.14%	0.006%
9	3.427	3.404	3.457	PV	233	3492	0.05%	0.002%
10	3.585	3.457	3.595	VV	1683	27106	0.37%	0.015%
11	3.614	3.595	3.691	VV	28859	253561	3.47%	0.144%
12	3.711	3.691	3.756	VV	23590	201130	2.75%	0.114%
13	3.788	3.756	3.810	VV	4426	55524	0.76%	0.032%
14	3.820	3.810	3.864	VV	851	13211	0.18%	0.007%
15	3.885	3.864	3.926	VV	1910	31442	0.43%	0.018%
16	3.939	3.926	3.971	VV	591	12159	0.17%	0.007%
17	3.978	3.971	4.024	VV	371	7680	0.11%	0.004%
18	4.050	4.024	4.066	VV	482	6959	0.10%	0.004%
19	4.087	4.066	4.154	VV	567	13263	0.18%	0.008%
20	4.165	4.154	4.175	VV	227	2166	0.03%	0.001%
21	4.191	4.175	4.267	VV	399	8708	0.12%	0.005%
22	4.285	4.267	4.298	VV	344	3878	0.05%	0.002%
23	4.322	4.298	4.376	VV	308	10720	0.15%	0.006%
24	4.387	4.376	4.401	VV	266	2596	0.04%	0.001%
25	4.435	4.401	4.463	VV	560	8614	0.12%	0.005%
26	4.478	4.463	4.501	VV	203	2739	0.04%	0.002%
27	4.537	4.501	4.558	VV	600	8078	0.11%	0.005%
28	4.567	4.558	4.601	VV	256	3251	0.04%	0.002%
29	4.608	4.601	4.625	VV	194	1727	0.02%	0.001%
30	4.639	4.625	4.671	VV	189	3384	0.05%	0.002%
31	4.716	4.671	4.744	VV	180	5268	0.07%	0.003%
32	4.749	4.744	4.768	VV	191	1479	0.02%	0.001%
33	4.779	4.768	4.813	VV	73	1678	0.02%	0.001%
34	4.840	4.813	4.854	VV	179	3227	0.04%	0.002%
35	4.874	4.854	4.899	VV	282	5483	0.08%	0.003%
36	4.940	4.899	5.013	VV	259	11056	0.15%	0.006%

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A B C D E F G H I J

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37	5.027	5.013	5.071	VV	244	4151	0.06%	0.002%
38	5.142	5.071	5.201	PV	543	14714	0	
39	5.205	5.201	5.258	VV	186	3050	0	
40	5.264	5.258	5.295	VV	126	1687	0	
41	5.317	5.295	5.337	VV	322	4514	0	
42	5.357	5.337	5.406	VV	1813	35484	0	
43	5.427	5.406	5.467	VV	555	12850	0.18%	0.007%
44	5.489	5.467	5.531	VV	263	7776	0.11%	0.004%
45	5.554	5.531	5.584	VV	512	8585	0.12%	0.005%
46	5.598	5.584	5.634	VV	221	4651	0.06%	0.003%
47	5.648	5.634	5.669	VV	212	3470	0.05%	0.002%
48	5.690	5.669	5.721	VV	214	4219	0.06%	0.002%
49	5.730	5.721	5.744	VV	167	1773	0.02%	0.001%
50	5.762	5.744	5.791	VV	231	3673	0.05%	0.002%
51	5.802	5.791	5.808	VV	63	413	0.01%	0.000%
52	5.859	5.808	5.941	VV	1238	32337	0.44%	0.018%
53	5.956	5.941	5.981	VV	190	3464	0.05%	0.002%
54	6.018	5.981	6.063	VV	1081	18952	0.26%	0.011%
55	6.075	6.063	6.118	VV	227	5051	0.07%	0.003%
56	6.145	6.118	6.170	VV	317	6448	0.09%	0.004%
57	6.187	6.170	6.225	VV	305	5921	0.08%	0.003%
58	6.236	6.225	6.271	VV	144	2472	0.03%	0.001%
59	6.293	6.271	6.348	VV	365	7103	0.10%	0.004%
60	6.379	6.348	6.431	VV	731	14402	0.20%	0.008%
61	6.442	6.431	6.498	VV	232	5487	0.08%	0.003%
62	6.508	6.498	6.515	VV	128	1050	0.01%	0.001%
63	6.523	6.515	6.548	VV	133	1558	0.02%	0.001%
64	6.565	6.548	6.579	PV	217	2369	0.03%	0.001%
65	6.590	6.579	6.647	VV	142	3227	0.04%	0.002%
66	6.658	6.647	6.667	VV	126	1085	0.01%	0.001%
67	6.679	6.667	6.718	VV	169	2600	0.04%	0.001%
68	6.728	6.718	6.740	VV	96	775	0.01%	0.000%
69	6.773	6.740	6.904	VV	728	24745	0.34%	0.014%
70	6.910	6.904	6.928	VV	211	1821	0.02%	0.001%
71	6.956	6.928	7.015	VV	531	12669	0.17%	0.007%
72	7.046	7.015	7.058	PV	105	1556	0.02%	0.001%
73	7.060	7.058	7.068	VV	132	477	0.01%	0.000%
74	7.090	7.068	7.141	PV	264	4200	0.06%	0.002%
75	7.161	7.141	7.194	VV	156	2215	0.03%	0.001%
76	7.213	7.194	7.257	VV	404	5742	0.08%	0.003%
77	7.278	7.257	7.317	PV	91	2073	0.03%	0.001%
78	7.328	7.317	7.347	VV	134	1531	0.02%	0.001%
79	7.366	7.347	7.428	VV	182	5017	0.07%	0.003%
80	7.441	7.428	7.456	PV	170	1681	0.02%	0.001%
81	7.462	7.456	7.471	VV	115	739	0.01%	0.000%
82	7.631	7.604	7.648	VV	1710	37531	0.51%	0.021%
83	7.659	7.648	7.680	VV	1337	21781	0.30%	0.012%
84	7.697	7.680	7.754	VV	951	31425	0.43%	0.018%
85	7.778	7.754	7.800	VV	549	12473	0.17%	0.007%
86	7.810	7.800	7.822	VV	426	5440	0.07%	0.003%
87	7.902	7.822	7.929	VV	452	22256	0.30%	0.013%
88	7.966	7.929	8.006	VV	497	14816	0.20%	0.008%
89	8.079	8.006	8.103	VV	1613	38930	0.53%	0.022%

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90	8.144	8.103	8.165	VV	724	17771	0.24%	0.010%
91	8.231	8.165	8.248	VV	1071	30466		
92	8.296	8.248	8.310	VV	692	21413		
93	8.325	8.310	8.341	VV	691	11579		
94	8.506	8.488	8.543	VV	3064	90595		
95	8.559	8.543	8.578	VV	3097	57051		
96	8.591	8.578	8.605	VV	2708	40786	0.56%	0.023%
97	8.614	8.605	8.648	VV	2506	54024	0.74%	0.031%
98	8.692	8.648	8.737	VV	2543	105996	1.45%	0.060%
99	8.758	8.737	8.779	VV	2233	49188	0.67%	0.028%
100	8.814	8.779	8.825	VV	2421	58277	0.80%	0.033%
101	8.837	8.825	8.858	VV	2316	40074	0.55%	0.023%
102	8.904	8.858	8.921	VV	2674	78942	1.08%	0.045%
103	8.935	8.921	8.950	VV	2153	35699	0.49%	0.020%
104	8.976	8.950	9.008	VV	2703	81450	1.11%	0.046%
105	9.035	9.008	9.064	VV	2554	76191	1.04%	0.043%
106	9.118	9.064	9.145	VV	3170	134476	1.84%	0.076%
107	9.198	9.145	9.211	VV	3641	124968	1.71%	0.071%
108	9.227	9.211	9.241	VV	3901	66560	0.91%	0.038%
109	9.276	9.241	9.304	VV	6529	176106	2.41%	0.100%
110	9.357	9.304	9.378	VV	5070	184913	2.53%	0.105%
111	9.405	9.378	9.418	VV	4723	105259	1.44%	0.060%
112	9.436	9.418	9.478	VV	5041	166337	2.28%	0.094%
113	9.536	9.478	9.597	VV	29112	665090	9.10%	0.378%
114	9.627	9.597	9.658	VV	7087	228137	3.12%	0.129%
115	9.693	9.658	9.798	VV	14728	695873	9.52%	0.395%
116	9.803	9.798	9.816	VV	6731	73326	1.00%	0.042%
117	9.841	9.816	9.876	VV	7393	244647	3.35%	0.139%
118	9.909	9.876	9.934	VV	7929	258167	3.53%	0.147%
119	9.945	9.934	9.960	VV	7551	113889	1.56%	0.065%
120	10.007	9.960	10.032	VV	9085	357471	4.89%	0.203%
121	10.061	10.032	10.104	VV	14709	475716	6.51%	0.270%
122	10.119	10.104	10.128	VV	10180	136091	1.86%	0.077%
123	10.147	10.128	10.171	VV	10612	261306	3.58%	0.148%
124	10.204	10.171	10.229	VV	12424	362133	4.96%	0.206%
125	10.254	10.229	10.274	VV	10290	269486	3.69%	0.153%
126	10.341	10.274	10.360	VV	11739	547759	7.50%	0.311%
127	10.412	10.360	10.444	VV	14436	633251	8.67%	0.359%
128	10.485	10.444	10.514	VV	28179	762622	10.44%	0.433%
129	10.525	10.514	10.551	VV	13911	296337	4.06%	0.168%
130	10.563	10.551	10.581	VV	13359	236255	3.23%	0.134%
131	10.607	10.581	10.621	VV	14881	332778	4.55%	0.189%
132	10.643	10.621	10.662	VV	16196	365065	5.00%	0.207%
133	10.681	10.662	10.706	VV	16344	416282	5.70%	0.236%
134	10.758	10.706	10.768	VV	16510	586259	8.02%	0.333%
135	10.807	10.768	10.848	VV	19729	822567	11.26%	0.467%
136	10.890	10.848	10.902	VV	18090	552852	7.57%	0.314%
137	10.941	10.902	10.960	VV	18636	627681	8.59%	0.356%
138	10.970	10.960	10.986	VV	18993	292934	4.01%	0.166%
139	11.000	10.986	11.016	VV	18905	330123	4.52%	0.187%
140	11.034	11.016	11.047	VV	19802	354311	4.85%	0.201%
141	11.072	11.047	11.087	VV	20269	475986	6.51%	0.270%

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142	11.112	11.087	11.151	VV	21998	781903	10.70%	0.444%
143	11.204	11.151	11.238	VV	50239	1463414	20	
144	11.267	11.238	11.281	VV	21877	542449	7	
145	11.308	11.281	11.341	VV	21405	754595	10	
146	11.422	11.341	11.454	VV	530866	7307814	100	
147	11.480	11.454	11.492	VV	25537	548262	7	
148	11.499	11.492	11.504	VV	24701	180437	2.47%	0.102%
149	11.511	11.504	11.531	VV	24694	394865	5.40%	0.224%
150	11.551	11.531	11.578	VV	26109	705753	9.66%	0.401%
151	11.597	11.578	11.617	VV	28691	639529	8.75%	0.363%
152	11.628	11.617	11.644	VV	26885	422365	5.78%	0.240%
153	11.662	11.644	11.674	VV	26762	472884	6.47%	0.268%
154	11.683	11.674	11.694	VV	26488	314711	4.31%	0.179%
155	11.712	11.694	11.731	VV	30242	605701	8.29%	0.344%
156	11.760	11.731	11.828	VV	37038	1717436	23.50%	0.975%
157	11.893	11.828	11.954	VV	30432	2111793	28.90%	1.199%
158	11.987	11.954	12.004	VV	31441	868790	11.89%	0.493%
159	12.030	12.004	12.063	VV	56692	1320945	18.08%	0.750%
160	12.076	12.063	12.116	VV	30568	947537	12.97%	0.538%
161	12.131	12.116	12.144	VV	30547	499538	6.84%	0.284%
162	12.187	12.144	12.214	VV	31163	1251726	17.13%	0.710%
163	12.265	12.214	12.311	VV	30851	1730414	23.68%	0.982%
164	12.343	12.311	12.396	VV	35344	1612262	22.06%	0.915%
165	12.421	12.396	12.442	VV	37139	916416	12.54%	0.520%
166	12.453	12.442	12.464	VV	32524	441859	6.05%	0.251%
167	12.484	12.464	12.498	VV	34397	657680	9.00%	0.373%
168	12.508	12.498	12.540	VV	34960	831997	11.39%	0.472%
169	12.562	12.540	12.590	VV	34045	947784	12.97%	0.538%
170	12.601	12.590	12.631	VV	30849	750555	10.27%	0.426%
171	12.639	12.631	12.651	VV	30947	370305	5.07%	0.210%
172	12.672	12.651	12.724	VV	33193	1396611	19.11%	0.793%
173	12.744	12.724	12.764	VV	32505	749106	10.25%	0.425%
174	12.784	12.764	12.806	VV	32936	801912	10.97%	0.455%
175	12.864	12.806	12.894	VV	412053	6214521	85.04%	3.527%
176	12.916	12.894	13.011	VV	40992	2477442	33.90%	1.406%
177	13.084	13.011	13.122	VV	35495	2259168	30.91%	1.282%
178	13.134	13.122	13.152	VV	33958	581691	7.96%	0.330%
179	13.187	13.152	13.218	VV	34959	1338597	18.32%	0.760%
180	13.256	13.218	13.331	VV	39162	2418819	33.10%	1.373%
181	13.341	13.331	13.361	VV	35474	629819	8.62%	0.357%
182	13.381	13.361	13.400	VV	35554	781640	10.70%	0.444%
183	13.462	13.400	13.485	VV	36542	1786938	24.45%	1.014%
184	13.529	13.485	13.583	VV	37811	2070445	28.33%	1.175%
185	13.604	13.583	13.637	VV	35413	1122075	15.35%	0.637%
186	13.700	13.637	13.718	VV	35597	1651645	22.60%	0.937%
187	13.754	13.718	13.793	VV	36426	1548028	21.18%	0.879%
188	13.847	13.793	13.881	VV	41018	1945200	26.62%	1.104%
189	13.902	13.881	13.967	VV	36011	1787850	24.46%	1.015%
190	14.007	13.967	14.068	VV	36525	2099918	28.74%	1.192%
191	14.110	14.068	14.151	VV	36164	1704454	23.32%	0.967%
192	14.176	14.151	14.203	VV	34160	1033280	14.14%	0.587%
193	14.242	14.203	14.268	VV	36217	1336642	18.29%	0.759%
194	14.273	14.268	14.284	VV	34908	325689	4.46%	0.185%

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195	14.303	14.284	14.328	VV	37121	944820	12.93%	0.536%
196	14.338	14.328	14.371	VV	33884	854774	11	
197	14.408	14.371	14.481	VV	35790	2238928	30	
198	14.494	14.481	14.518	VV	32353	697681	9	
199	14.554	14.518	14.584	VV	32887	1280443	17	
200	14.597	14.584	14.662	VV	33176	1490890	20	
201	14.714	14.662	14.733	VV	34047	1333221	18.24%	0.757%
202	14.769	14.733	14.779	VV	32928	897275	12.28%	0.509%
203	14.787	14.779	14.818	VV	32959	736110	10.07%	0.418%
204	14.834	14.818	14.891	VV	32095	1358525	18.59%	0.771%
205	14.911	14.891	14.929	VV	32215	701382	9.60%	0.398%
206	14.954	14.929	15.001	VV	31618	1346206	18.42%	0.764%
207	15.006	15.001	15.033	VV	30377	579204	7.93%	0.329%
208	15.048	15.033	15.071	VV	30020	677763	9.27%	0.385%
209	15.096	15.071	15.176	VV	44092	2161481	29.58%	1.227%
210	15.190	15.176	15.210	VV	30279	598716	8.19%	0.340%
211	15.250	15.210	15.273	VV	34489	1204701	16.49%	0.684%
212	15.284	15.273	15.328	VV	32336	1012309	13.85%	0.575%
213	15.345	15.328	15.391	VV	30566	1078567	14.76%	0.612%
214	15.443	15.391	15.455	VV	30330	1116642	15.28%	0.634%
215	15.462	15.455	15.514	VV	29417	1011811	13.85%	0.574%
216	15.540	15.514	15.647	VV	31363	2307048	31.57%	1.310%
217	15.660	15.647	15.678	VV	28223	510821	6.99%	0.290%
218	15.695	15.678	15.714	VV	28588	610554	8.35%	0.347%
219	15.735	15.714	15.751	VV	30192	638673	8.74%	0.363%
220	15.770	15.751	15.845	VV	29996	1566777	21.44%	0.889%
221	15.852	15.845	15.859	VV	27309	227936	3.12%	0.129%
222	15.914	15.859	15.961	VV	32740	1786324	24.44%	1.014%
223	15.988	15.961	16.001	VV	28549	673855	9.22%	0.382%
224	16.015	16.001	16.024	VV	29218	403546	5.52%	0.229%
225	16.056	16.024	16.151	VV	31307	2213744	30.29%	1.257%
226	16.161	16.151	16.194	VV	28771	722942	9.89%	0.410%
227	16.208	16.194	16.224	VV	29119	501907	6.87%	0.285%
228	16.247	16.224	16.268	VV	28167	705464	9.65%	0.400%
229	16.290	16.268	16.335	VV	29619	1131956	15.49%	0.643%
230	16.377	16.335	16.416	VV	29112	1364921	18.68%	0.775%
231	16.440	16.416	16.498	VV	29593	1405512	19.23%	0.798%
232	16.536	16.498	16.622	VV	28940	2050575	28.06%	1.164%
233	16.658	16.622	16.666	VV	29315	742322	10.16%	0.421%
234	16.686	16.666	16.710	VV	32977	793432	10.86%	0.450%
235	16.721	16.710	16.753	VV	29888	749565	10.26%	0.425%
236	16.767	16.753	16.784	VV	28205	516357	7.07%	0.293%
237	16.798	16.784	16.810	VV	27639	426838	5.84%	0.242%
238	16.832	16.810	16.864	VV	29498	924716	12.65%	0.525%
239	16.869	16.864	16.874	VV	29119	164736	2.25%	0.094%
240	16.902	16.874	16.955	VV	36442	1471470	20.14%	0.835%
241	16.975	16.955	17.027	VV	28622	1191547	16.31%	0.676%
242	17.070	17.027	17.108	VV	32153	1383797	18.94%	0.785%
243	17.131	17.108	17.187	VV	30283	1309276	17.92%	0.743%
244	17.221	17.187	17.254	VV	29659	1123728	15.38%	0.638%
245	17.262	17.254	17.339	VV	27738	1335379	18.27%	0.758%
246	17.346	17.339	17.388	VV	25262	737366	10.09%	0.419%

Instrument :
FID_C
ClientSampleId :
HL2PX6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

rteres

247	17.401	17.388	17.424	VV	26191	558165	7.64%	0.317%
248	17.450	17.424	17.476	VV	26752	795272	10	
249	17.563	17.476	17.581	VV	30035	1706637	23	
250	17.592	17.581	17.618	VV	27756	577073	7	
251	17.627	17.618	17.647	VV	24780	434983	5	
252	17.690	17.647	17.762	VV	37691	1964642	26	
253	17.777	17.762	17.824	VV	23948	867973	11.88%	0.493%
254	17.847	17.824	17.874	VV	24177	703145	9.62%	0.399%
255	17.889	17.874	17.903	VV	25024	427040	5.84%	0.242%
256	17.926	17.903	17.968	VV	30415	1062688	14.54%	0.603%
257	17.988	17.968	18.027	VV	27931	895657	12.26%	0.508%
258	18.054	18.027	18.107	VV	37060	1246610	17.06%	0.708%
259	18.121	18.107	18.155	VV	22460	609000	8.33%	0.346%
260	18.210	18.155	18.234	VV	22049	962863	13.18%	0.547%
261	18.261	18.234	18.284	VV	20874	627701	8.59%	0.356%
262	18.290	18.284	18.321	VV	20381	426014	5.83%	0.242%
263	18.337	18.321	18.351	VV	18895	338335	4.63%	0.192%
264	18.393	18.351	18.441	VV	24583	1118798	15.31%	0.635%
265	18.477	18.441	18.499	VV	23110	691090	9.46%	0.392%
266	18.523	18.499	18.568	VV	22537	796373	10.90%	0.452%
267	18.578	18.568	18.623	VV	18651	589444	8.07%	0.335%
268	18.652	18.623	18.698	VV	18712	776485	10.63%	0.441%
269	18.748	18.698	18.770	VV	20935	793531	10.86%	0.450%
270	18.797	18.770	18.853	VV	23885	962790	13.17%	0.546%
271	18.875	18.853	18.894	VV	17892	408751	5.59%	0.232%
272	18.904	18.894	18.944	VV	15830	454444	6.22%	0.258%
273	18.985	18.944	19.054	VV	16789	1010354	13.83%	0.573%
274	19.061	19.054	19.078	VV	14360	200839	2.75%	0.114%
275	19.083	19.078	19.130	VV	14293	428396	5.86%	0.243%
276	19.181	19.130	19.251	VV	19260	1113248	15.23%	0.632%
277	19.285	19.251	19.324	VV	14810	602048	8.24%	0.342%
278	19.330	19.324	19.354	VV	13716	232699	3.18%	0.132%
279	19.369	19.354	19.396	VV	13224	315595	4.32%	0.179%
280	19.426	19.396	19.448	VV	13035	396083	5.42%	0.225%
281	19.459	19.448	19.490	VV	12655	308518	4.22%	0.175%
282	19.553	19.490	19.568	VV	15686	628140	8.60%	0.357%
283	19.582	19.568	19.633	VV	14714	508142	6.95%	0.288%
284	19.698	19.633	19.751	VV	12210	810644	11.09%	0.460%
285	19.788	19.751	19.858	VV	11924	724880	9.92%	0.411%
286	19.869	19.858	19.878	VV	11096	130714	1.79%	0.074%
287	19.915	19.878	19.946	VV	13149	471050	6.45%	0.267%
288	19.973	19.946	20.040	VV	11175	603920	8.26%	0.343%
289	20.063	20.040	20.091	VV	12197	337896	4.62%	0.192%
290	20.101	20.091	20.168	VV	11273	472482	6.47%	0.268%
291	20.180	20.168	20.228	VV	10646	360065	4.93%	0.204%
292	20.269	20.228	20.324	VV	11401	600408	8.22%	0.341%
293	20.368	20.324	20.438	VV	10129	654529	8.96%	0.372%
294	20.458	20.438	20.478	VV	9464	221719	3.03%	0.126%
295	20.493	20.478	20.538	VV	9354	327140	4.48%	0.186%
296	20.547	20.538	20.604	VV	8666	335625	4.59%	0.191%
297	20.627	20.604	20.814	VV	9249	978006	13.38%	0.555%
298	20.820	20.814	20.895	VV	7192	324788	4.44%	0.184%
299	20.907	20.895	20.952	VV	6673	218839	2.99%	0.124%

5

Instrument :
FID_C
ClientSampleId :
HL2PX6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

A B C D E F G H I J

rteres

300	20.962	20.952	20.970	VV	6191	66150	0.91%	0.038%
301	20.981	20.970	20.993	VV	6276	86133	1	
302	21.022	20.993	21.101	VV	6432	382587	5	
303	21.109	21.101	21.117	VV	5570	52735	0	
304	21.135	21.117	21.203	VV	5559	276839	3	
305	21.212	21.203	21.221	VV	5226	53536	0	
306	21.231	21.221	21.318	VV	5205	289928	3.97%	0.165%
307	21.330	21.318	21.344	VV	4682	72213	0.99%	0.041%
308	21.363	21.344	21.381	VV	4540	95897	1.31%	0.054%
309	21.403	21.381	21.451	VV	4586	185358	2.54%	0.105%
310	21.488	21.451	21.596	VV	4714	364206	4.98%	0.207%
311	21.616	21.596	21.651	VBA	4017	141940	1.94%	0.081%

Sum of corrected areas: 176176178

Aliphatic EPH 012425.M Fri Jan 31 22:49:40 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
Data File : FC068162.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 13:52
Operator : YP/AJ
Sample : PB166417BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB166417BL

Integration File: autoint1.e
Quant Time: Jan 31 22:15:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:31:18 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			
9) S ortho-Terphenyl (SURR)	11.423	5792898	37.071 ug/ml
Spiked Amount 50.000		Recovery =	74.14%
12) S 1-chlorooctadecane (S...	12.863	4470888	38.876 ug/ml
Spiked Amount 50.000		Recovery =	77.75%
Target Compounds			

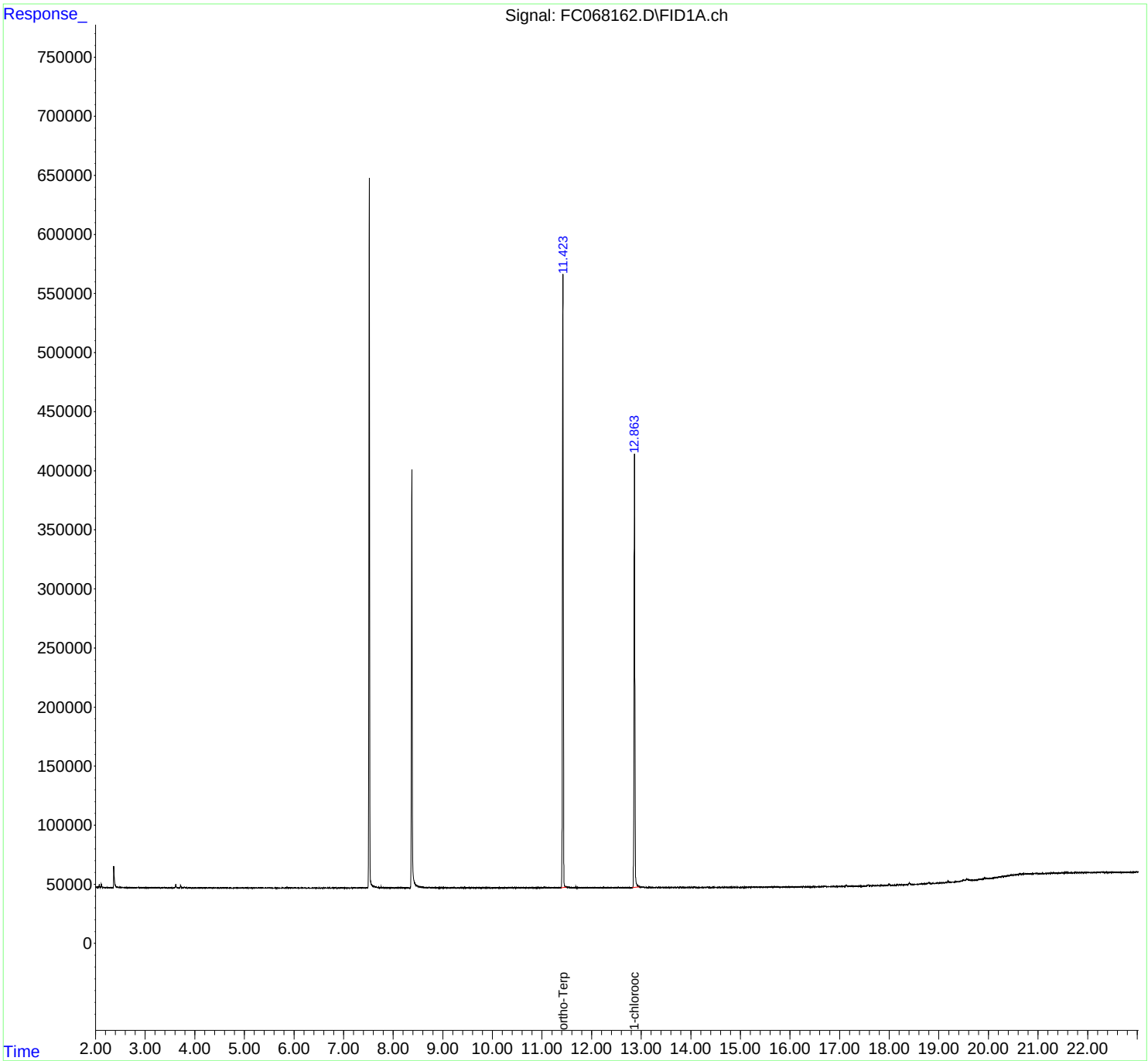
(f)=RT Delta > 1/2 Window (m)=manual int.

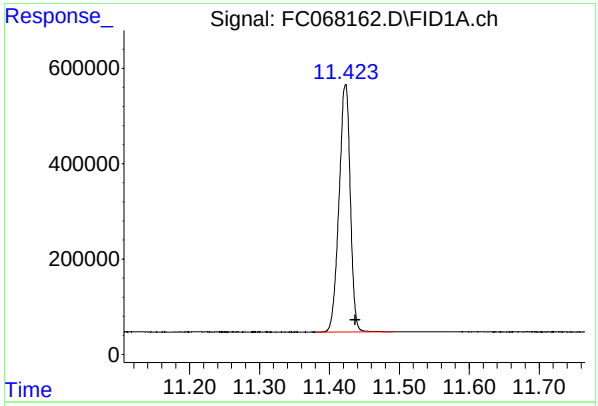
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
Data File : FC068162.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 13:52
Operator : YP/AJ
Sample : PB166417BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB166417BL

Integration File: autoint1.e
Quant Time: Jan 31 22:15:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:31:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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

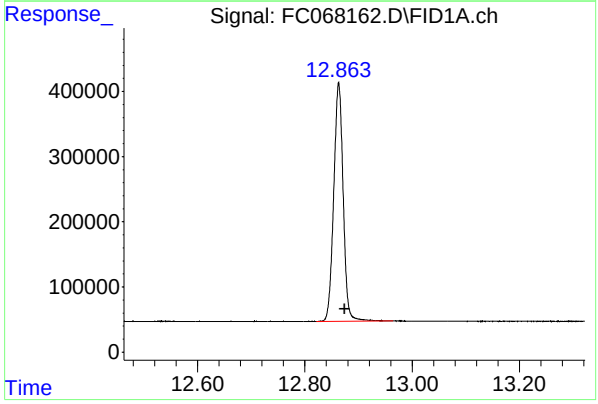




#9 ortho-Terphenyl (SURR)

R.T.: 11.423 min
Delta R.T.: -0.015 min
Response: 5792898
Conc: 37.07 ug/ml

Instrument :
FID_C
ClientSampleId :
PB166417BL



#12 1-chlorooctadecane (SURR)

R.T.: 12.863 min
Delta R.T.: -0.011 min
Response: 4470888
Conc: 38.88 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
Data File : FC068162.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 13:52
Sample : PB166417BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.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	11.423	11.381	11.491	BB	524630	5792898	100.00%	56.440%
2	12.863	12.821	12.964	BB	364598	4470888	77.18%	43.560%
			Sum of corrected areas:			10263786		

Aliphatic EPH 012425.M Fri Jan 31 22:43:15 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
Data File : FC068163.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 14:28
Operator : YP/AJ
Sample : PB166417BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB166417BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e
Quant Time: Jan 31 22:15:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:31:18 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			
9) S	ortho-Terphenyl (SURR)	11.422	5633426	36.050 ug/ml
Spiked Amount	50.000		Recovery =	72.10%
12) S	1-chlorooctadecane (S...	12.862	4459606	38.778 ug/ml
Spiked Amount	50.000		Recovery =	77.56%
	Target Compounds			
1) T	n-Nonane (C9)	3.242	6877569	50.226 ug/ml
2) T	n-Decane (C10)	4.294	7231776	52.090 ug/ml
3) T	A~Naphthalene (C11.7)	5.858	8295085	55.254 ug/ml
4) T	n-Dodecane (C12)	6.297	7286249	52.157 ug/ml
5) T	A~2-methylnaphthalene...	6.908	7630698	53.126 ug/ml
6) T	n-Tetradecane (C14)	8.086	7321859	53.649 ug/ml
7) T	n-Hexadecane (C16)	9.679	7188011	51.732 ug/mlm
8) T	n-Octadecane (C18)	11.118	7091598	50.685 ug/ml
10) T	n-Eicosane (C20)	12.424	7264693	54.294 ug/ml
11) T	n-Heneicosane (C21)	13.033	6894721	52.495 ug/ml
13) T	n-Docosane (C22)	13.617	6823062	52.674 ug/ml
14) T	n-Tetracosane (C24)	14.681	14172015	110.386 ug/mlm
15) T	n-Hexacosane (C26)	15.738	6578114	52.275 ug/ml
16) T	n-Octacosane (C28)	16.684	6510893	52.057 ug/ml
17) T	n-Tricontane (C30)	17.573	6488798	50.201 ug/ml
18) T	n-Dotriacontane (C32)	18.400	6329284	50.630 ug/ml
19) T	n-Tetratriacontane (C34)	19.183	6120452	56.422 ug/ml
20) T	n-Hexatriacontane (C36)	19.920	5603522	60.550 ug/ml
21) T	n-Octatriacontane (C38)	20.633	5219843	60.917 ug/ml
22) T	n-Tetracontane (C40)	21.495	4954449	61.272 ug/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
Data File : FC068163.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 14:28
Operator : YP/AJ
Sample : PB166417BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

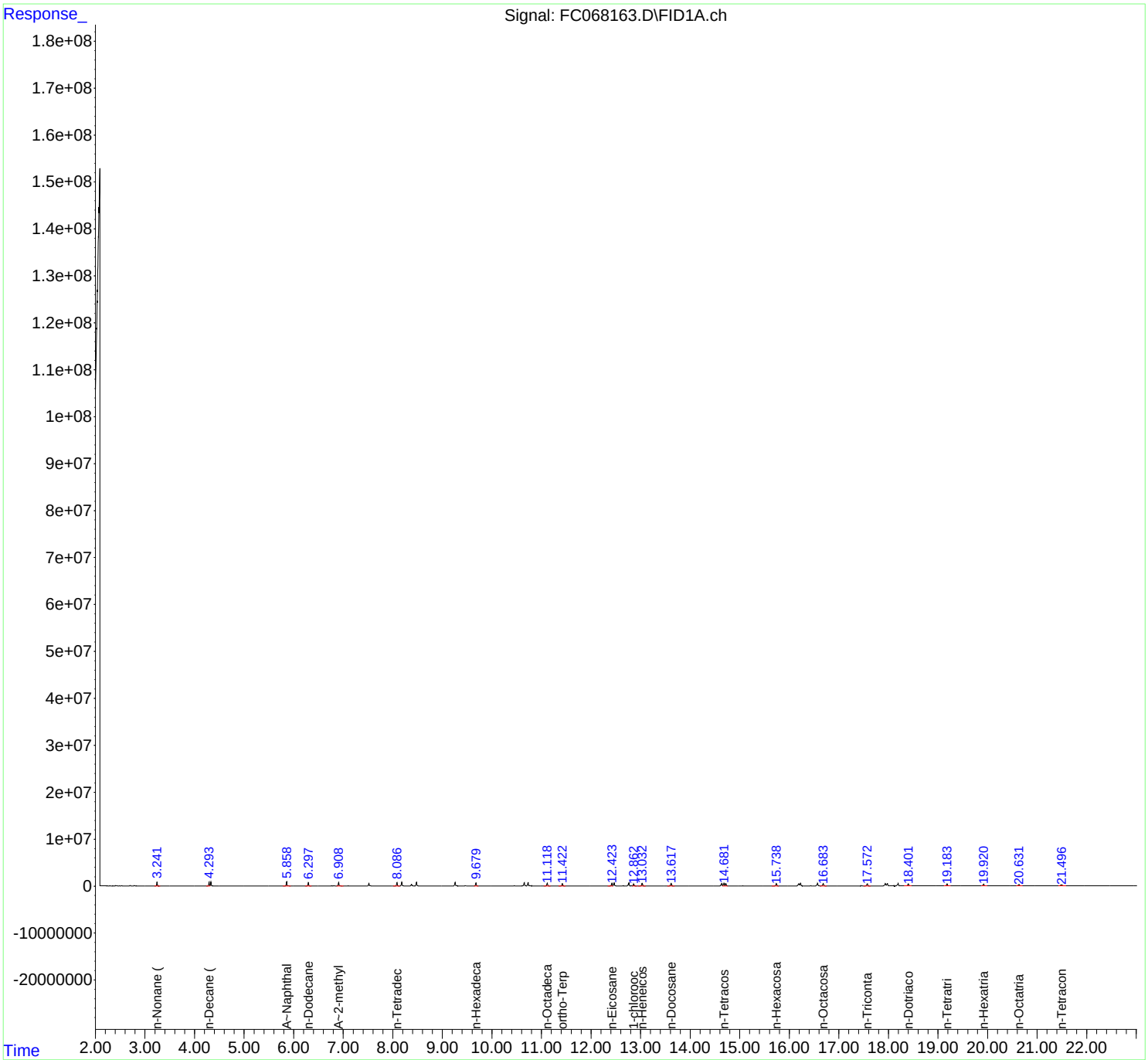
Integration File: autoint1.e
Quant Time: Jan 31 22:15:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:31:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
FID_C
ClientSampleId :
PB166417BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025



5

Instrument :
FID_C
ClientSampleId :
PB166417BS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC01312
Data File : FC068163.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 14:28
Sample : PB166417BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.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	3.242	3.188	3.304	BB	841427	6877569	80.10%	2.570%
2	4.294	4.234	4.311	BV	816150	7231776	84.22%	2.702%
3	4.330	4.311	4.404	VB	890156	7946291	92.54%	2.969%
4	5.858	5.781	5.941	BB	902474	8295085	96.60%	3.100%
5	6.297	6.231	6.361	BB	740511	7286249	84.86%	2.723%
6	6.908	6.861	7.004	BB	760413	7630698	88.87%	2.851%
7	8.086	8.008	8.148	BB	683727	7321859	85.27%	2.736%
8	8.182	8.151	8.254	BB	806298	8299253	96.65%	3.101%
9	8.479	8.444	8.548	VB	810579	8586685	100.00%	3.209%
10	9.259	9.174	9.361	BB	749686	8309832	96.78%	3.105%
11	9.679	9.598	9.748	BB	645936	7176900	83.58%	2.682%
12	10.654	10.554	10.694	BV	721349	8018719	93.39%	2.996%
13	10.731	10.694	10.831	VB	705266	7993480	93.09%	2.987%
14	11.118	11.044	11.184	BB	596977	7091598	82.59%	2.650%
15	11.422	11.344	11.488	BB	514765	5633426	65.61%	2.105%
16	12.424	12.334	12.442	BV	613589	7264693	84.60%	2.715%
17	12.466	12.442	12.551	VB	672142	7763512	90.41%	2.901%
18	12.763	12.681	12.795	BV	669681	7788717	90.71%	2.910%
19	12.862	12.830	12.928	VB	381997	4459606	51.94%	1.666%
20	13.033	12.951	13.101	BB	553492	6894721	80.30%	2.576%
21	13.617	13.538	13.688	BB	553019	6823062	79.46%	2.550%
22	14.636	14.544	14.656	BV	553460	7425284	86.47%	2.775%
23	14.681	14.656	14.697	VV	623525	7448096	86.74%	2.783%
24	14.718	14.697	14.788	VB	520353	6680434	77.80%	2.496%
25	15.738	15.648	15.788	BB	491109	6578114	76.61%	2.458%
26	16.190	16.108	16.205	BV	470033	7329104	85.35%	2.739%
27	16.226	16.205	16.304	VB	600323	7364291	85.76%	2.752%
28	16.569	16.488	16.621	BV	517752	7120959	82.93%	2.661%
29	16.684	16.621	16.754	VB	478971	6510893	75.83%	2.433%
30	17.573	17.498	17.641	BB	459064	6488798	75.57%	2.425%
31	17.938	17.841	17.954	BV	484516	7542172	87.84%	2.818%
32	17.977	17.954	18.061	VB	508747	7007668	81.61%	2.619%
33	18.196	18.101	18.278	BB	473284	7199264	83.84%	2.690%
34	18.400	18.318	18.468	BB	435537	6329284	73.71%	2.365%
35	19.183	19.121	19.251	BB	430505	6120452	71.28%	2.287%
36	19.920	19.871	19.991	BB	378860	5603522	65.26%	2.094%

Page 1

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Instrument :
FID_C
ClientSampleId :
PB166417BS

rteres

37	20.633	20.581	20.704	BB	300541	5219843	60.79%	1.950%
38	21.495	21.431	21.584	BB	214113	4954449	57	

Sum of corrected areas: 267

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

Aliphatic EPH 012425.M Fri Jan 31 22:45:04 2025

A B C D E F G H I J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
Data File : FC068164.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 15:29
Operator : YP/AJ
Sample : PB166417BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB166417BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e
Quant Time: Jan 31 22:15:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:31:18 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			
9) S	ortho-Terphenyl (SURR)	11.423	5442574	34.829 ug/ml
Spiked Amount	50.000		Recovery =	69.66%
12) S	1-chlorooctadecane (S...	12.863	4299217	37.384 ug/ml
Spiked Amount	50.000		Recovery =	74.77%
	Target Compounds			
1) T	n-Nonane (C9)	3.241	6678703	48.773 ug/ml
2) T	n-Decane (C10)	4.294	7014785	50.527 ug/ml
3) T	A~Naphthalene (C11.7)	5.858	8035481	53.525 ug/ml
4) T	n-Dodecane (C12)	6.297	7062157	50.553 ug/ml
5) T	A~2-methylnaphthalene...	6.910	7385600	51.420 ug/ml
6) T	n-Tetradecane (C14)	8.087	7087210	51.929 ug/ml
7) T	n-Hexadecane (C16)	9.680	6940417	49.950 ug/ml
8) T	n-Octadecane (C18)	11.119	6853034	48.980 ug/ml
10) T	n-Eicosane (C20)	12.424	7003038	52.339 ug/ml
11) T	n-Heneicosane (C21)	13.034	6643849	50.585 ug/ml
13) T	n-Docosane (C22)	13.619	6571045	50.728 ug/ml
14) T	n-Tetracosane (C24)	14.682	13592526	105.872 ug/mlm
15) T	n-Hexacosane (C26)	15.741	6318904	50.215 ug/ml
16) T	n-Octacosane (C28)	16.686	6253866	50.002 ug/ml
17) T	n-Tricontane (C30)	17.574	6214218	48.077 ug/ml
18) T	n-Dotriacontane (C32)	18.404	6053285	48.422 ug/ml
19) T	n-Tetratriacontane (C34)	19.185	5864240	54.061 ug/ml
20) T	n-Hexatriacontane (C36)	19.922	5373022	58.060 ug/ml
21) T	n-Octatriacontane (C38)	20.637	5017746	58.558 ug/ml
22) T	n-Tetracontane (C40)	21.498	4768198	58.969 ug/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
Data File : FC068164.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 15:29
Operator : YP/AJ
Sample : PB166417BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 31 22:15:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:31:18 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_C
ClientSampleId :
PB166417BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/03/2025
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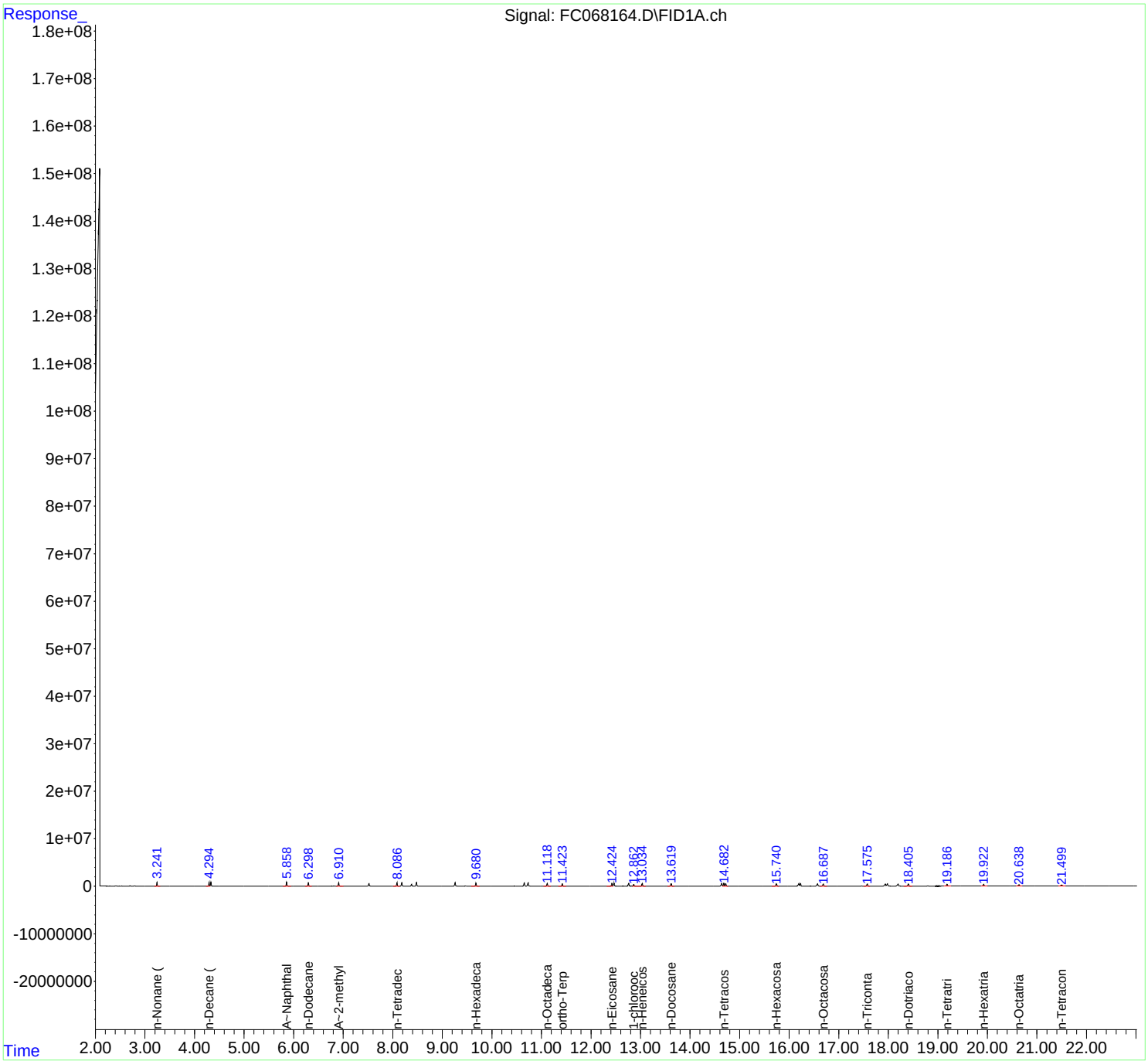

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Instrument :
FID_C
ClientSampleId :
PB166417BSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC01312
Data File : FC068164.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 15:29
Sample : PB166417BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.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	3.241	3.188	3.304	BB	810118	6678703	80.31%	2.589%
2	4.294	4.231	4.312	BV	783689	7014785	84.35%	2.719%
3	4.331	4.312	4.404	VB	865115	7714163	92.76%	2.990%
4	5.858	5.781	5.948	BB	866202	8035481	96.62%	3.115%
5	6.297	6.231	6.368	BB	705220	7062157	84.92%	2.737%
6	6.910	6.861	7.004	BB	761154	7385600	88.81%	2.863%
7	8.087	8.004	8.144	BV	687881	7087210	85.22%	2.747%
8	8.183	8.144	8.284	PB	790029	8047148	96.76%	3.119%
9	8.480	8.444	8.558	VB	809578	8316602	100.00%	3.224%
10	9.260	9.178	9.354	BB	755588	8034995	96.61%	3.115%
11	9.680	9.584	9.751	BB	633950	6940417	83.45%	2.690%
12	10.655	10.541	10.695	BV	696433	7739140	93.06%	3.000%
13	10.731	10.695	10.828	VB	655919	7718274	92.81%	2.992%
14	11.119	11.038	11.191	BB	596466	6853034	82.40%	2.656%
15	11.423	11.338	11.498	BB	510483	5442574	65.44%	2.110%
16	12.424	12.318	12.443	BV	580131	7003038	84.21%	2.715%
17	12.467	12.443	12.544	VB	623887	7474998	89.88%	2.897%
18	12.764	12.684	12.797	BV	611414	7515325	90.37%	2.913%
19	12.863	12.831	12.941	VB	355738	4299217	51.69%	1.666%
20	13.034	12.941	13.108	BB	556626	6643849	79.89%	2.575%
21	13.619	13.544	13.684	BB	504928	6571045	79.01%	2.547%
22	14.638	14.541	14.658	BV	514661	7149641	85.97%	2.771%
23	14.682	14.658	14.698	VV	618277	7155254	86.04%	2.774%
24	14.719	14.698	14.798	VB	495727	6453366	77.60%	2.501%
25	15.741	15.651	15.794	BB	481873	6318904	75.98%	2.449%
26	16.191	16.098	16.207	BV	471390	7030001	84.53%	2.725%
27	16.227	16.207	16.308	VB	569890	7068465	84.99%	2.740%
28	16.570	16.468	16.621	BV	499831	6830514	82.13%	2.648%
29	16.686	16.621	16.764	VB	442105	6253866	75.20%	2.424%
30	17.574	17.501	17.628	BB	464343	6214218	74.72%	2.409%
31	17.940	17.838	17.956	BV	458447	7185150	86.40%	2.785%
32	17.981	17.956	18.064	VB	501681	6773264	81.44%	2.625%
33	18.197	18.088	18.278	BB	465452	6894351	82.90%	2.672%
34	18.404	18.308	18.481	BB	423796	6053285	72.79%	2.346%
35	19.185	19.121	19.264	BB	388518	5864240	70.51%	2.273%
36	19.922	19.871	20.001	BB	361027	5373022	64.61%	2.083%

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Instrument :
FID_C
ClientSampleId :
PB166417BSD

rteres

37	20.637	20.581	20.704	BB	295323	5017746	60.33%	1.945%
38	21.498	21.431	21.574	BB	211736	4768198	57	

Sum of corrected areas: 257

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

Aliphatic EPH 012425.M Fri Jan 31 22:46:06 2025

A B C D E F G H I J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
Data File : FC068168.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 17:55
Operator : YP/AJ
Sample : Q1237-06MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
HL2PX6MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e
Quant Time: Jan 31 22:17:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:31:18 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			
9) S	ortho-Terphenyl (SURR)	11.424	5218508	33.395 ug/mlm
Spiked Amount	50.000		Recovery =	66.79%
12) S	1-chlorooctadecane (S...	12.864	4036643	35.100 ug/ml
Spiked Amount	50.000		Recovery =	70.20%
	Target Compounds			
1) T	n-Nonane (C9)	3.231	3495875	25.530 ug/ml
2) T	n-Decane (C10)	4.288	4116079	29.648 ug/ml
3) T	A~Naphthalene (C11.7)	5.854	5057687	33.690 ug/ml
4) T	n-Dodecane (C12)	6.295	4579115	32.779 ug/ml
5) T	A~2-methylnaphthalene...	6.906	4847178	33.747 ug/ml
6) T	n-Tetradecane (C14)	8.084	4910249	35.978 ug/ml
7) T	n-Hexadecane (C16)	9.678	5169532	37.205 ug/mlm
8) T	n-Octadecane (C18)	11.117	5016683	35.855 ug/mlm
10) T	n-Eicosane (C20)	12.423	5101709	38.129 ug/ml
11) T	n-Heneicosane (C21)	13.034	4851315	36.937 ug/mlm
13) T	n-Docosane (C22)	13.618	4804903	37.094 ug/ml
14) T	n-Tetracosane (C24)	14.678	9902276	77.129 ug/mlm
15) T	n-Hexacosane (C26)	15.736	4689205	37.264 ug/mlm
16) T	n-Octacosane (C28)	16.683	4648516	37.167 ug/mlm
17) T	n-Tricontane (C30)	17.572	4611722	35.679 ug/mlm
18) T	n-Dotriacontane (C32)	18.403	4520671	36.162 ug/mlm
19) T	n-Tetratriacontane (C34)	19.182	4485853	41.354 ug/ml
20) T	n-Hexatriacontane (C36)	19.921	4136248	44.695 ug/mlm
21) T	n-Octatriacontane (C38)	20.634	3996269	46.637 ug/ml
22) T	n-Tetracontane (C40)	21.492	3863059	47.775 ug/ml

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

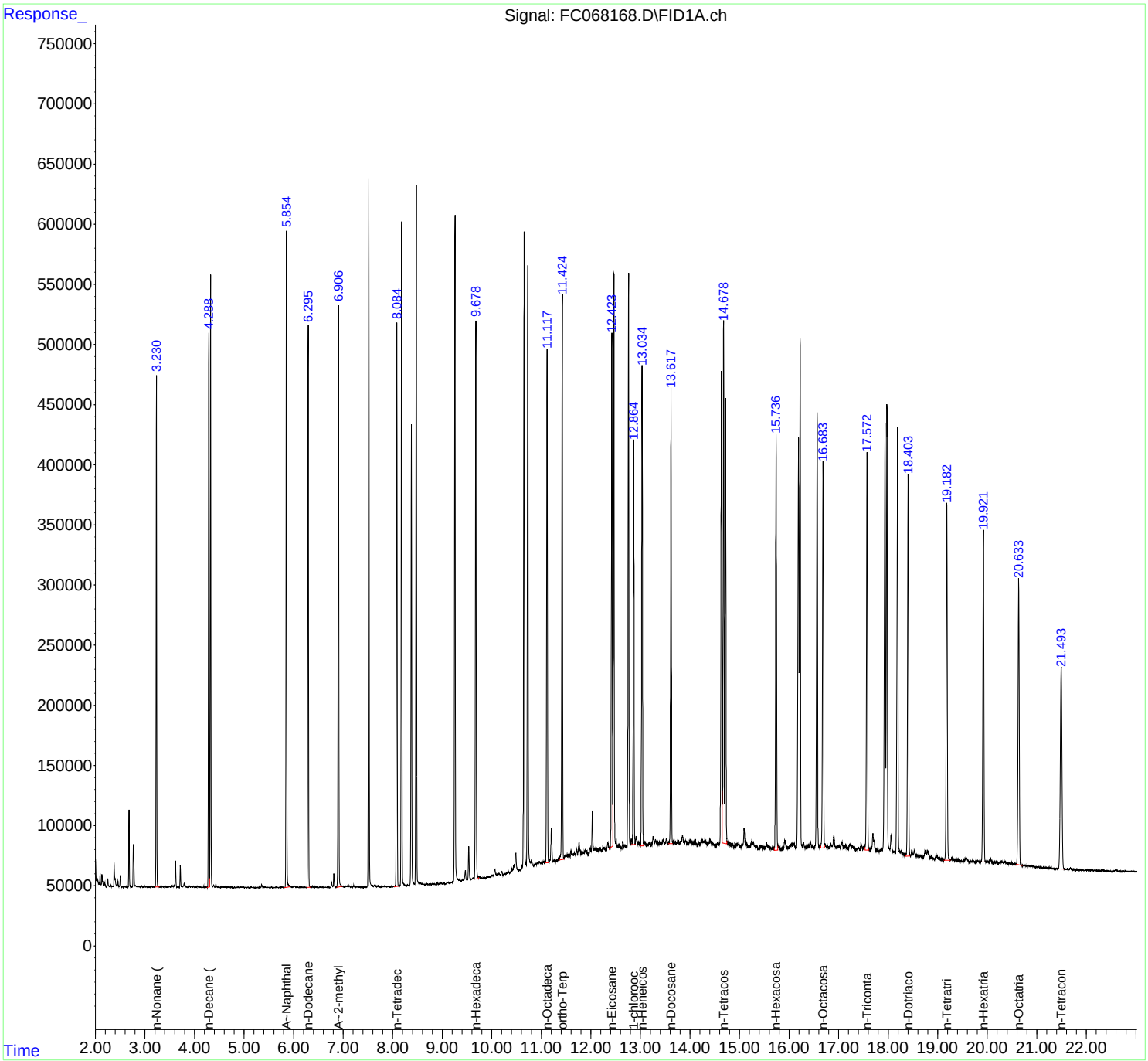
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
Data File : FC068168.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 17:55
Operator : YP/AJ
Sample : Q1237-06MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
HL2PX6MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e
Quant Time: Jan 31 22:17:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:31:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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Instrument :
FID_C
ClientSampleId :
HL2PX6MS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC01312
Data File : FC068168.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 17:55
Sample : Q1237-06MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.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	3.028	3.004	3.054	BV	165	1189	0.02%	0.000%
2	3.062	3.054	3.096	VV	100	965	0.01%	0.000%
3	3.129	3.096	3.151	PV	615	8857	0.12%	0.003%
4	3.164	3.151	3.178	VV	360	4732	0.06%	0.001%
5	3.190	3.178	3.203	VV	335	3864	0.05%	0.001%
6	3.231	3.203	3.333	VV	425020	3509929	47.50%	1.075%
7	3.351	3.333	3.367	VV	459	5782	0.08%	0.002%
8	3.384	3.367	3.414	VV	982	11442	0.15%	0.004%
9	3.430	3.414	3.476	VV	388	6941	0.09%	0.002%
10	3.490	3.476	3.515	VV	298	4654	0.06%	0.001%
11	3.533	3.515	3.552	VV	845	11521	0.16%	0.004%
12	3.568	3.552	3.576	VV	875	8683	0.12%	0.003%
13	3.588	3.576	3.597	VV	1476	13191	0.18%	0.004%
14	3.617	3.597	3.694	VV	21876	193872	2.62%	0.059%
15	3.714	3.694	3.764	VV	17772	157921	2.14%	0.048%
16	3.791	3.764	3.814	VV	3385	43311	0.59%	0.013%
17	3.824	3.814	3.866	VV	586	8051	0.11%	0.002%
18	3.888	3.866	3.924	VV	1821	27236	0.37%	0.008%
19	3.932	3.924	3.963	VV	711	11351	0.15%	0.003%
20	3.976	3.963	4.031	VV	414	8880	0.12%	0.003%
21	4.053	4.031	4.078	VV	983	13315	0.18%	0.004%
22	4.086	4.078	4.138	VV	469	8734	0.12%	0.003%
23	4.145	4.138	4.178	VV	170	3126	0.04%	0.001%
24	4.187	4.178	4.234	VV	276	5957	0.08%	0.002%
25	4.243	4.234	4.258	VV	159	1098	0.01%	0.000%
26	4.288	4.258	4.306	PV	460524	4122930	55.80%	1.263%
27	4.324	4.306	4.372	VV	509154	4490602	60.77%	1.376%
28	4.388	4.372	4.412	VV	1961	25565	0.35%	0.008%
29	4.431	4.412	4.465	VV	2836	33806	0.46%	0.010%
30	4.481	4.465	4.501	VV	319	5942	0.08%	0.002%
31	4.511	4.501	4.521	VV	227	2509	0.03%	0.001%
32	4.538	4.521	4.554	VV	643	7570	0.10%	0.002%
33	4.565	4.554	4.601	VV	392	6577	0.09%	0.002%
34	4.614	4.601	4.624	VV	278	2625	0.04%	0.001%
35	4.656	4.624	4.674	VV	257	5862	0.08%	0.002%
36	4.705	4.674	4.730	VV	216	4645	0.06%	0.001%

Page 1

Instrument :
FID_C
ClientSampleId :
HL2PX6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

					rteres			
37	4.749	4.730	4.774	VV	206	2695	0.04%	0.001%
38	4.780	4.774	4.828	PV	40	1487	0	
39	4.877	4.828	4.914	VV	344	6822	0	
40	4.927	4.914	4.954	VV	236	3833	0	
41	4.972	4.954	4.982	VV	211	2674	0	
42	4.997	4.982	5.009	VV	202	2172	0	
43	5.028	5.009	5.068	VV	151	2853	0.04%	0.001%
44	5.096	5.068	5.100	VV	100	1147	0.02%	0.000%
45	5.142	5.100	5.195	VV	482	10368	0.14%	0.003%
46	5.204	5.195	5.258	VV	133	2619	0.04%	0.001%
47	5.263	5.258	5.287	PV	69	587	0.01%	0.000%
48	5.317	5.287	5.336	VV	1354	14175	0.19%	0.004%
49	5.354	5.336	5.409	VV	2297	34861	0.47%	0.011%
50	5.426	5.409	5.474	VV	549	9439	0.13%	0.003%
51	5.500	5.474	5.528	VV	190	3582	0.05%	0.001%
52	5.554	5.528	5.582	VV	529	6391	0.09%	0.002%
53	5.638	5.582	5.674	VV	158	5320	0.07%	0.002%
54	5.684	5.674	5.736	VV	144	2917	0.04%	0.001%
55	5.763	5.736	5.811	VV	269	5761	0.08%	0.002%
56	5.854	5.811	5.944	PV	543493	5087292	68.85%	1.559%
57	5.953	5.944	5.979	VV	790	12882	0.17%	0.004%
58	6.019	5.979	6.065	VV	1295	28648	0.39%	0.009%
59	6.094	6.065	6.115	VV	276	6887	0.09%	0.002%
60	6.143	6.115	6.161	VV	365	7573	0.10%	0.002%
61	6.186	6.161	6.264	VV	306	10422	0.14%	0.003%
62	6.295	6.264	6.355	VV	462748	4586984	62.08%	1.405%
63	6.374	6.355	6.425	VV	1179	21719	0.29%	0.007%
64	6.442	6.425	6.517	VV	450	9696	0.13%	0.003%
65	6.529	6.517	6.541	VV	125	1131	0.02%	0.000%
66	6.563	6.541	6.597	VV	250	5211	0.07%	0.002%
67	6.612	6.597	6.652	VV	213	3353	0.05%	0.001%
68	6.700	6.652	6.734	VV	274	4547	0.06%	0.001%
69	6.766	6.734	6.791	PV	3898	48971	0.66%	0.015%
70	6.813	6.791	6.866	VV	11438	125034	1.69%	0.038%
71	6.906	6.866	7.018	VV	485046	4897118	66.27%	1.501%
72	7.041	7.018	7.058	VV	1523	21510	0.29%	0.007%
73	7.067	7.058	7.084	VV	747	10472	0.14%	0.003%
74	7.102	7.084	7.150	VV	2121	45056	0.61%	0.014%
75	7.176	7.150	7.198	VV	1149	16506	0.22%	0.005%
76	7.213	7.198	7.244	VV	1495	17921	0.24%	0.005%
77	7.268	7.244	7.321	VV	581	13596	0.18%	0.004%
78	7.338	7.321	7.352	VV	186	2068	0.03%	0.001%
79	7.382	7.352	7.407	PV	694	9045	0.12%	0.003%
80	7.436	7.407	7.467	VV	188	3794	0.05%	0.001%
81	7.633	7.603	7.678	VV	1334	40195	0.54%	0.012%
82	7.697	7.678	7.752	VV	902	20833	0.28%	0.006%
83	7.778	7.752	7.797	VV	604	8672	0.12%	0.003%
84	7.835	7.797	7.853	VV	457	9047	0.12%	0.003%
85	7.873	7.853	7.886	VV	257	3888	0.05%	0.001%
86	7.902	7.886	7.934	VV	294	3813	0.05%	0.001%
87	7.971	7.934	8.008	PV	286	7102	0.10%	0.002%
88	8.021	8.008	8.038	VV	175	2491	0.03%	0.001%
89	8.084	8.038	8.131	VV	468729	4926350	66.67%	1.509%

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Instrument :
FID_C
ClientSampleId :
HL2PX6MS

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

90	8.180	8.131	8.335	VV	553306	5576944	75.47%	1.709%
91	8.477	8.444	8.544	VV	579314	5813840	78	
92	8.556	8.544	8.578	VV	2476	43863	0	
93	8.591	8.578	8.605	VV	2035	28819	0	
94	8.614	8.605	8.648	VV	1803	36339	0	
95	8.693	8.648	8.730	VV	1858	66357	0	
96	8.755	8.730	8.780	VV	1925	45048	0.61%	0.014%
97	8.815	8.780	8.829	VV	1773	42253	0.57%	0.013%
98	8.837	8.829	8.868	VV	1596	30639	0.41%	0.009%
99	8.903	8.868	8.949	VV	2347	72221	0.98%	0.022%
100	8.977	8.949	9.010	VV	1866	57842	0.78%	0.018%
101	9.036	9.010	9.058	VV	1803	42595	0.58%	0.013%
102	9.121	9.058	9.147	VV	2408	102559	1.39%	0.031%
103	9.200	9.147	9.213	VV	2791	93373	1.26%	0.029%
104	9.257	9.213	9.341	VV	554138	5973335	80.84%	1.830%
105	9.356	9.341	9.379	VV	4767	94550	1.28%	0.029%
106	9.408	9.379	9.423	VV	4262	105067	1.42%	0.032%
107	9.467	9.423	9.493	VV	11954	271318	3.67%	0.083%
108	9.536	9.493	9.571	VV	31297	509362	6.89%	0.156%
109	9.582	9.571	9.592	VV	4826	60022	0.81%	0.018%
110	9.625	9.592	9.644	VV	5496	158540	2.15%	0.049%
111	9.679	9.644	9.742	VV	465224	5452362	73.79%	1.671%
112	9.754	9.742	9.814	VV	6196	246904	3.34%	0.076%
113	9.846	9.814	9.873	VV	6032	195620	2.65%	0.060%
114	9.905	9.873	9.931	VV	6512	203753	2.76%	0.062%
115	9.948	9.931	9.957	VV	6208	92041	1.25%	0.028%
116	10.006	9.957	10.033	VV	7475	308690	4.18%	0.095%
117	10.063	10.033	10.101	VV	12358	375747	5.08%	0.115%
118	10.146	10.101	10.171	VV	8656	348917	4.72%	0.107%
119	10.207	10.171	10.230	VV	10351	307444	4.16%	0.094%
120	10.252	10.230	10.278	VV	8553	232247	3.14%	0.071%
121	10.343	10.278	10.361	VV	9781	450316	6.09%	0.138%
122	10.413	10.361	10.425	VV	12376	405364	5.49%	0.124%
123	10.455	10.425	10.464	VV	15505	328326	4.44%	0.101%
124	10.486	10.464	10.576	VV	25435	957420	12.96%	0.293%
125	10.652	10.576	10.696	VV	526624	6537556	88.47%	2.003%
126	10.728	10.696	10.790	VV	511733	6390177	86.48%	1.958%
127	10.805	10.790	10.848	VV	19362	576617	7.80%	0.177%
128	10.888	10.848	10.902	VV	16220	494916	6.70%	0.152%
129	10.917	10.902	10.930	VV	16868	274994	3.72%	0.084%
130	10.952	10.930	10.962	VV	17595	328653	4.45%	0.101%
131	10.966	10.962	11.013	VV	17483	509179	6.89%	0.156%
132	11.036	11.013	11.051	VV	17352	380132	5.14%	0.116%
133	11.067	11.051	11.081	VV	17845	316090	4.28%	0.097%
134	11.118	11.081	11.153	VV	441772	5745065	77.75%	1.760%
135	11.205	11.153	11.236	VV	45071	1285690	17.40%	0.394%
136	11.264	11.236	11.288	VV	18890	563923	7.63%	0.173%
137	11.310	11.288	11.323	VV	18798	387200	5.24%	0.119%
138	11.423	11.323	11.454	VV	489735	6713780	90.86%	2.057%
139	11.479	11.454	11.491	VV	22133	475983	6.44%	0.146%
140	11.510	11.491	11.540	VV	22697	637313	8.62%	0.195%
141	11.552	11.540	11.581	VV	23020	556228	7.53%	0.170%

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Instrument :
FID_C
ClientSampleId :
HL2PX6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
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A B C D E F G H I J

rteres

142	11.599	11.581	11.644	VV	25415	897971	12.15%	0.275%
143	11.664	11.644	11.698	VV	24000	743271	10	
144	11.712	11.698	11.731	VV	26910	490714	6	
145	11.762	11.731	11.828	VV	33195	1531560	20	
146	11.895	11.828	11.954	VV	26855	1866773	25	
147	11.990	11.954	12.011	VV	27849	869466	11	
148	12.032	12.011	12.068	VV	58088	1207627	16.34%	0.370%
149	12.087	12.068	12.110	VV	26887	676459	9.15%	0.207%
150	12.131	12.110	12.150	VV	27563	638942	8.65%	0.196%
151	12.164	12.150	12.174	VV	27077	390604	5.29%	0.120%
152	12.189	12.174	12.214	VV	27853	633529	8.57%	0.194%
153	12.248	12.214	12.259	VV	28372	718991	9.73%	0.220%
154	12.265	12.259	12.317	VV	27554	924965	12.52%	0.283%
155	12.342	12.317	12.371	VV	32107	952004	12.88%	0.292%
156	12.423	12.371	12.442	VV	445400	6304557	85.32%	1.932%
157	12.465	12.442	12.504	VV	502186	6560356	88.78%	2.010%
158	12.514	12.504	12.543	VV	32464	698952	9.46%	0.214%
159	12.566	12.543	12.618	VV	29866	1267396	17.15%	0.388%
160	12.645	12.618	12.664	VV	32452	816081	11.04%	0.250%
161	12.674	12.664	12.728	VV	30007	1091674	14.77%	0.334%
162	12.762	12.728	12.798	VV	499192	6643063	89.90%	2.035%
163	12.816	12.798	12.831	VV	34353	629853	8.52%	0.193%
164	12.864	12.831	12.893	VV	363327	5160509	69.84%	1.581%
165	12.916	12.893	13.000	VV	36195	2028497	27.45%	0.622%
166	13.034	13.000	13.064	VV	428561	5957775	80.63%	1.826%
167	13.083	13.064	13.120	VV	32056	1020011	13.80%	0.313%
168	13.132	13.120	13.152	VV	30036	570541	7.72%	0.175%
169	13.193	13.152	13.215	VV	31202	1131387	15.31%	0.347%
170	13.258	13.215	13.281	VV	35584	1275068	17.26%	0.391%
171	13.302	13.281	13.329	VV	32858	907879	12.29%	0.278%
172	13.341	13.329	13.362	VV	31810	610862	8.27%	0.187%
173	13.381	13.362	13.404	VV	31983	765722	10.36%	0.235%
174	13.411	13.404	13.421	VV	30752	302829	4.10%	0.093%
175	13.457	13.421	13.505	VV	33083	1574074	21.30%	0.482%
176	13.527	13.505	13.560	VV	34531	1055494	14.28%	0.323%
177	13.571	13.560	13.580	VV	30790	357573	4.84%	0.110%
178	13.618	13.580	13.654	VV	406689	6127743	82.93%	1.878%
179	13.672	13.654	13.694	VV	31213	744269	10.07%	0.228%
180	13.701	13.694	13.724	VV	31194	534727	7.24%	0.164%
181	13.766	13.724	13.788	VV	32086	1187075	16.06%	0.364%
182	13.849	13.788	13.876	VV	36543	1727429	23.38%	0.529%
183	13.889	13.876	13.895	VV	31218	350153	4.74%	0.107%
184	13.915	13.895	13.951	VV	31722	1022469	13.84%	0.313%
185	13.959	13.951	13.968	VV	29976	300831	4.07%	0.092%
186	14.004	13.968	14.036	VV	32342	1265174	17.12%	0.388%
187	14.044	14.036	14.078	VV	30456	751235	10.17%	0.230%
188	14.108	14.078	14.158	VV	32837	1430313	19.36%	0.438%
189	14.180	14.158	14.203	VV	30514	797640	10.79%	0.244%
190	14.247	14.203	14.283	VV	32191	1459287	19.75%	0.447%
191	14.302	14.283	14.354	VV	32549	1287559	17.42%	0.395%
192	14.409	14.354	14.479	VV	31533	2224248	30.10%	0.682%
193	14.488	14.479	14.508	VV	28477	482025	6.52%	0.148%
194	14.529	14.508	14.536	VV	27644	471491	6.38%	0.144%

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Instrument :
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Manual IntegrationsAPPROVED

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A B C D E F G H I J

rteres

195	14.564	14.536	14.588	VV	29560	877002	11.87%	0.269%
196	14.635	14.588	14.655	VV	416828	6342081	85	
197	14.678	14.655	14.696	VV	462122	5860513	79	
198	14.717	14.696	14.771	VV	396891	6001585	81	
199	14.784	14.771	14.817	VV	29697	788213	10	
200	14.844	14.817	14.885	VV	28715	1127005	15	
201	14.908	14.885	14.930	VV	29373	737910	9.99%	0.226%
202	14.971	14.930	15.011	VV	27812	1306836	17.69%	0.400%
203	15.021	15.011	15.036	VV	26599	391332	5.30%	0.120%
204	15.092	15.036	15.171	VV	41014	2403356	32.52%	0.736%
205	15.193	15.171	15.206	VV	26123	543356	7.35%	0.166%
206	15.247	15.206	15.264	VV	29759	967355	13.09%	0.296%
207	15.281	15.264	15.334	VV	29017	1117934	15.13%	0.343%
208	15.346	15.334	15.396	VV	26261	900943	12.19%	0.276%
209	15.442	15.396	15.476	VV	26180	1186365	16.05%	0.364%
210	15.487	15.476	15.513	VV	24718	551837	7.47%	0.169%
211	15.547	15.513	15.596	VV	28255	1262159	17.08%	0.387%
212	15.612	15.596	15.643	VV	24746	682492	9.24%	0.209%
213	15.654	15.643	15.677	VV	24065	471894	6.39%	0.145%
214	15.737	15.677	15.829	VV	366516	6800513	92.03%	2.084%
215	15.852	15.829	15.871	VV	23208	579905	7.85%	0.178%
216	15.916	15.871	15.950	VV	29772	1219879	16.51%	0.374%
217	15.960	15.950	15.971	VV	24586	301127	4.08%	0.092%
218	15.984	15.971	15.998	VV	24458	394426	5.34%	0.121%
219	16.050	15.998	16.094	VV	26912	1474704	19.96%	0.452%
220	16.103	16.094	16.137	VV	27012	651871	8.82%	0.200%
221	16.190	16.137	16.204	VV	364459	6103406	82.60%	1.870%
222	16.222	16.204	16.273	VV	446620	6115744	82.76%	1.874%
223	16.292	16.273	16.319	VV	27303	696756	9.43%	0.213%
224	16.330	16.319	16.346	VV	24205	388280	5.25%	0.119%
225	16.370	16.346	16.393	VV	25140	689806	9.34%	0.211%
226	16.403	16.393	16.413	VV	25260	301916	4.09%	0.093%
227	16.435	16.413	16.496	VV	27923	1259261	17.04%	0.386%
228	16.566	16.496	16.619	VV	384259	6656862	90.09%	2.040%
229	16.684	16.619	16.811	VV	342104	7389394	100.00%	2.264%
230	16.904	16.811	16.951	VV	32843	2158685	29.21%	0.661%
231	16.983	16.951	17.036	VV	24847	1199795	16.24%	0.368%
232	17.068	17.036	17.110	VV	27606	1097370	14.85%	0.336%
233	17.134	17.110	17.172	VV	24611	859447	11.63%	0.263%
234	17.184	17.172	17.200	VV	22733	375969	5.09%	0.115%
235	17.222	17.200	17.259	VV	25442	855017	11.57%	0.262%
236	17.278	17.259	17.299	VV	24029	549494	7.44%	0.168%
237	17.308	17.299	17.344	VV	22875	595969	8.07%	0.183%
238	17.401	17.344	17.422	VV	22169	994463	13.46%	0.305%
239	17.457	17.422	17.491	VV	25324	938208	12.70%	0.287%
240	17.572	17.491	17.648	VV	345402	6593936	89.24%	2.020%
241	17.691	17.648	17.780	VV	33978	1903533	25.76%	0.583%
242	17.797	17.780	17.818	VV	20563	447863	6.06%	0.137%
243	17.826	17.818	17.831	VV	19474	149558	2.02%	0.046%
244	17.862	17.831	17.878	VV	20699	564932	7.65%	0.173%
245	17.935	17.878	17.952	VV	371457	6189021	83.76%	1.896%
246	17.974	17.952	18.026	VV	389394	5818078	78.74%	1.783%

Instrument :
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Manual IntegrationsAPPROVED

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rteres

247	18.059	18.026	18.111	VV	32424	1178059	15.94%	0.361%
248	18.124	18.111	18.148	VV	18572	396377	5	
249	18.190	18.148	18.248	VV	370704	6025488	81	
250	18.261	18.248	18.331	VV	18564	847040	11	
251	18.401	18.331	18.451	VV	329115	5584215	75	
252	18.479	18.451	18.501	VV	19471	507626	6	
253	18.526	18.501	18.558	VV	18974	553494	7.49%	0.170%
254	18.581	18.558	18.629	VV	15230	619963	8.39%	0.190%
255	18.656	18.629	18.710	VV	14572	664065	8.99%	0.203%
256	18.751	18.710	18.771	VV	18596	585527	7.92%	0.179%
257	18.800	18.771	18.851	VV	17894	744281	10.07%	0.228%
258	18.875	18.851	18.944	VV	14284	681321	9.22%	0.209%
259	18.979	18.944	19.022	VV	13893	588194	7.96%	0.180%
260	19.033	19.022	19.054	VV	11662	212064	2.87%	0.065%
261	19.062	19.054	19.084	VV	11437	197241	2.67%	0.060%
262	19.092	19.084	19.121	VV	11576	238848	3.23%	0.073%
263	19.182	19.121	19.244	VV	306570	5232285	70.81%	1.603%
264	19.247	19.244	19.258	VV	10649	83144	1.13%	0.025%
265	19.284	19.258	19.306	VV	11710	313509	4.24%	0.096%
266	19.322	19.306	19.442	VV	10659	804483	10.89%	0.246%
267	19.460	19.442	19.486	VV	9436	241801	3.27%	0.074%
268	19.584	19.486	19.639	VV	11187	895929	12.12%	0.275%
269	19.660	19.639	19.676	VV	9002	189866	2.57%	0.058%
270	19.695	19.676	19.725	VV	9019	246146	3.33%	0.075%
271	19.736	19.725	19.745	VV	8083	100545	1.36%	0.031%
272	19.750	19.745	19.759	VV	8183	64614	0.87%	0.020%
273	19.785	19.759	19.801	VV	8625	211118	2.86%	0.065%
274	19.827	19.801	19.844	VV	8785	223465	3.02%	0.068%
275	19.850	19.844	19.871	VV	8633	133612	1.81%	0.041%
276	19.921	19.871	19.995	VV	283134	4728576	63.99%	1.449%
277	20.016	19.995	20.034	VV	8086	180424	2.44%	0.055%
278	20.060	20.034	20.151	VV	10996	585148	7.92%	0.179%
279	20.158	20.151	20.230	VV	7348	329039	4.45%	0.101%
280	20.284	20.230	20.322	VV	8270	406130	5.50%	0.124%
281	20.368	20.322	20.431	VV	7624	451666	6.11%	0.138%
282	20.450	20.431	20.477	VV	6174	166165	2.25%	0.051%
283	20.490	20.477	20.524	VV	6359	165221	2.24%	0.051%
284	20.554	20.524	20.581	VV	6049	199233	2.70%	0.061%
285	20.634	20.581	20.731	VV	244307	4412583	59.72%	1.352%
286	20.737	20.731	20.761	VV	4370	73104	0.99%	0.022%
287	20.779	20.761	20.811	VV	3984	115744	1.57%	0.035%
288	20.837	20.811	20.881	VV	3985	157559	2.13%	0.048%
289	20.905	20.881	21.007	VV	3614	224486	3.04%	0.069%
290	21.032	21.007	21.059	VV	2904	81317	1.10%	0.025%
291	21.068	21.059	21.108	VV	2301	61402	0.83%	0.019%
292	21.136	21.108	21.191	VV	2273	98814	1.34%	0.030%
293	21.197	21.191	21.309	VV	1834	108199	1.46%	0.033%
294	21.316	21.309	21.331	VV	1055	12018	0.16%	0.004%
295	21.343	21.331	21.356	VV	924	11775	0.16%	0.004%
296	21.368	21.356	21.379	VV	760	9651	0.13%	0.003%
297	21.414	21.379	21.431	VV	883	20668	0.28%	0.006%
298	21.492	21.431	21.569	VV	168267	3896474	52.73%	1.194%
299	21.577	21.569	21.601	VV	309	3414	0.05%	0.001%

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Instrument :
FID_C
ClientSampleId :
HL2PX6MS

```
                                        rteres
300 21.616  21.601  21.638  PV      405       2486    0.03%  0.001%

                        Sum of corrected areas:    3263

Aliphatic EPH 012425.M Fri Jan 31 22:50:43 2025
```

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

A B C D E F G H I J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
Data File : FC068169.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 18:31
Operator : YP/AJ
Sample : Q1237-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
HL2PX6MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e
Quant Time: Jan 31 22:17:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:31:18 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			
9)	S ortho-Terphenyl (SURR)	11.424	5207914	33.327 ug/ml
	Spiked Amount 50.000		Recovery =	66.65%
12)	S 1-chlorooctadecane (S...	12.864	3971956	34.538 ug/ml
	Spiked Amount 50.000		Recovery =	69.08%
	Target Compounds			
1)	T n-Nonane (C9)	3.231	3485595	25.455 ug/ml
2)	T n-Decane (C10)	4.288	4109845	29.603 ug/ml
3)	T A~Naphthalene (C11.7)	5.855	5036396	33.548 ug/ml
4)	T n-Dodecane (C12)	6.295	4570121	32.714 ug/ml
5)	T A~2-methylnaphthalene...	6.907	4828212	33.615 ug/ml
6)	T n-Tetradecane (C14)	8.085	4895280	35.869 ug/ml
7)	T n-Hexadecane (C16)	9.679	5117523	36.830 ug/ml
8)	T n-Octadecane (C18)	11.117	4965636	35.490 ug/mlm
10)	T n-Eicosane (C20)	12.424	5037107	37.646 ug/ml
11)	T n-Heneicosane (C21)	13.034	4794029	36.501 ug/mlm
13)	T n-Docosane (C22)	13.619	4750739	36.675 ug/ml
14)	T n-Tetracosane (C24)	14.680	9787626	76.236 ug/mlm
15)	T n-Hexacosane (C26)	15.737	4612062	36.651 ug/mlm
16)	T n-Octacosane (C28)	16.684	4596631	36.752 ug/mlm
17)	T n-Tricontane (C30)	17.570	4598194	35.575 ug/mlm
18)	T n-Dotriacontane (C32)	18.401	4483234	35.863 ug/ml
19)	T n-Tetratriacontane (C34)	19.183	4458736	41.104 ug/ml
20)	T n-Hexatriacontane (C36)	19.922	4134875	44.680 ug/ml
21)	T n-Octatriacontane (C38)	20.635	4001660	46.700 ug/ml
22)	T n-Tetracontane (C40)	21.493	3883302	48.025 ug/ml

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

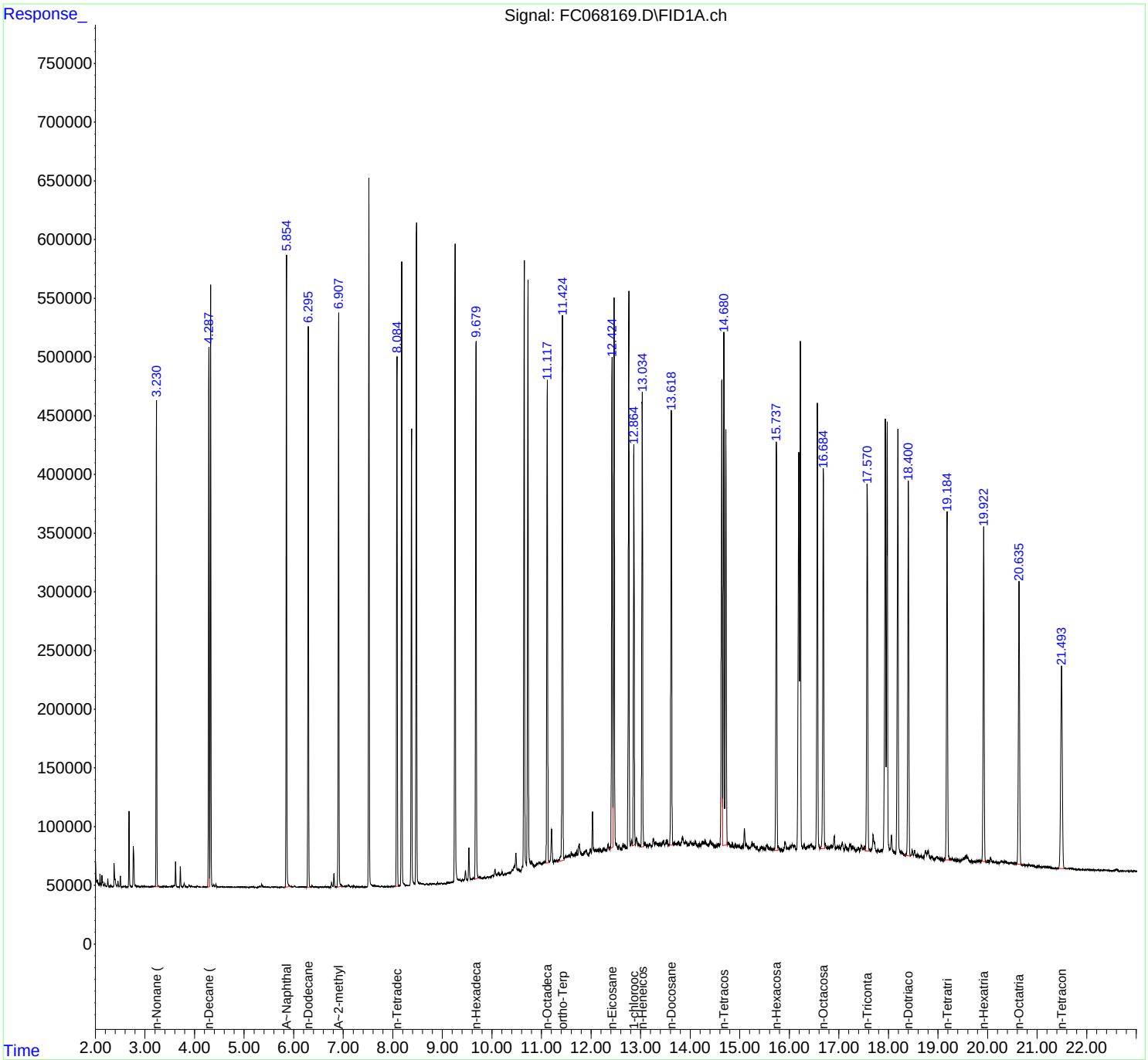
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
Data File : FC068169.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 18:31
Operator : YP/AJ
Sample : Q1237-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
HL2PX6MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e
Quant Time: Jan 31 22:17:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:31:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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Instrument :
FID_C
ClientSampleId :
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rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC01312
Data File : FC068169.D
Signal(s) : FID1A.ch
Acq On : 31 Jan 2025 18:31
Sample : Q1237-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.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	3.027	3.004	3.040	BV	209	1560	0.02%	0.000%
2	3.053	3.040	3.103	PV	149	2228	0.03%	0.001%
3	3.128	3.103	3.181	PV	601	12474	0.17%	0.004%
4	3.190	3.181	3.202	VV	333	2839	0.04%	0.001%
5	3.231	3.202	3.311	VV	414597	3498512	47.94%	1.082%
6	3.325	3.311	3.337	VV	242	2817	0.04%	0.001%
7	3.352	3.337	3.368	VV	478	4883	0.07%	0.002%
8	3.384	3.368	3.401	VV	910	8271	0.11%	0.003%
9	3.408	3.401	3.416	VV	191	1747	0.02%	0.001%
10	3.428	3.416	3.458	VV	299	4608	0.06%	0.001%
11	3.468	3.458	3.477	VV	164	1356	0.02%	0.000%
12	3.493	3.477	3.515	VV	243	4198	0.06%	0.001%
13	3.534	3.515	3.553	VV	779	11269	0.15%	0.003%
14	3.569	3.553	3.576	VV	785	7787	0.11%	0.002%
15	3.589	3.576	3.597	VV	1410	12883	0.18%	0.004%
16	3.617	3.597	3.686	VV	21277	189718	2.60%	0.059%
17	3.714	3.686	3.763	VV	17171	151376	2.07%	0.047%
18	3.791	3.763	3.814	VV	3328	41775	0.57%	0.013%
19	3.823	3.814	3.859	VV	605	8395	0.12%	0.003%
20	3.888	3.859	3.920	VV	1883	26817	0.37%	0.008%
21	3.932	3.920	3.970	VV	735	14054	0.19%	0.004%
22	3.981	3.970	4.038	VV	378	8045	0.11%	0.002%
23	4.053	4.038	4.078	VV	995	12354	0.17%	0.004%
24	4.087	4.078	4.178	VV	434	10634	0.15%	0.003%
25	4.189	4.178	4.225	VV	368	4213	0.06%	0.001%
26	4.288	4.225	4.306	VV	459401	4114471	56.38%	1.273%
27	4.324	4.306	4.373	VV	511095	4471874	61.28%	1.383%
28	4.388	4.373	4.412	VV	1807	23451	0.32%	0.007%
29	4.431	4.412	4.474	VV	2810	33345	0.46%	0.010%
30	4.483	4.474	4.520	VV	315	5328	0.07%	0.002%
31	4.538	4.520	4.554	VV	643	6648	0.09%	0.002%
32	4.564	4.554	4.594	VV	330	4166	0.06%	0.001%
33	4.636	4.594	4.658	VV	212	5483	0.08%	0.002%
34	4.661	4.658	4.675	VV	161	1457	0.02%	0.000%
35	4.706	4.675	4.730	VV	180	4318	0.06%	0.001%
36	4.751	4.730	4.782	VV	246	3128	0.04%	0.001%

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Instrument :
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Manual IntegrationsAPPROVED

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rteres

37	4.805	4.782	4.819	VV	111	1084	0.01%	0.000%
38	4.874	4.819	4.903	PV	305	6593		
39	4.929	4.903	4.958	PV	222	4406		
40	4.965	4.958	4.983	VV	158	1694		
41	4.998	4.983	5.011	VV	195	2089		
42	5.024	5.011	5.095	VV	210	3999		
43	5.143	5.095	5.182	VV	512	9101	0.12%	0.003%
44	5.191	5.182	5.265	VV	112	3317	0.05%	0.001%
45	5.279	5.265	5.298	PV	73	723	0.01%	0.000%
46	5.317	5.298	5.336	VV	1269	13174	0.18%	0.004%
47	5.354	5.336	5.410	VV	2296	34426	0.47%	0.011%
48	5.427	5.410	5.460	VV	630	8709	0.12%	0.003%
49	5.496	5.460	5.519	VV	199	4527	0.06%	0.001%
50	5.554	5.519	5.582	PV	498	7142	0.10%	0.002%
51	5.640	5.582	5.678	VV	205	7109	0.10%	0.002%
52	5.684	5.678	5.714	VV	134	1627	0.02%	0.001%
53	5.764	5.714	5.807	PV	272	5553	0.08%	0.002%
54	5.855	5.807	5.944	VV	538784	5065623	69.41%	1.567%
55	5.953	5.944	5.994	VV	779	16638	0.23%	0.005%
56	6.018	5.994	6.057	VV	1257	22706	0.31%	0.007%
57	6.068	6.057	6.084	VV	300	3877	0.05%	0.001%
58	6.092	6.084	6.114	VV	244	3729	0.05%	0.001%
59	6.141	6.114	6.174	VV	403	10426	0.14%	0.003%
60	6.184	6.174	6.202	VV	311	4497	0.06%	0.001%
61	6.226	6.202	6.245	VV	223	4655	0.06%	0.001%
62	6.295	6.245	6.356	VV	477595	4582929	62.80%	1.418%
63	6.375	6.356	6.431	VV	1137	22523	0.31%	0.007%
64	6.443	6.431	6.507	VV	477	9909	0.14%	0.003%
65	6.565	6.507	6.596	VV	212	7919	0.11%	0.002%
66	6.609	6.596	6.671	VV	181	5015	0.07%	0.002%
67	6.699	6.671	6.742	PV	235	5029	0.07%	0.002%
68	6.766	6.742	6.794	VV	3844	50139	0.69%	0.016%
69	6.813	6.794	6.865	VV	11634	122725	1.68%	0.038%
70	6.907	6.865	7.021	VV	487395	4875893	66.81%	1.508%
71	7.041	7.021	7.058	VV	1481	19358	0.27%	0.006%
72	7.069	7.058	7.079	VV	716	8101	0.11%	0.003%
73	7.103	7.079	7.154	VV	2161	46695	0.64%	0.014%
74	7.177	7.154	7.195	VV	1045	14492	0.20%	0.004%
75	7.214	7.195	7.239	VV	1458	17146	0.23%	0.005%
76	7.268	7.239	7.321	VV	539	11903	0.16%	0.004%
77	7.328	7.321	7.345	PV	99	841	0.01%	0.000%
78	7.383	7.345	7.426	VV	707	9939	0.14%	0.003%
79	7.438	7.426	7.468	VV	198	1718	0.02%	0.001%
80	7.632	7.608	7.680	VV	1338	37994	0.52%	0.012%
81	7.697	7.680	7.751	VV	804	19967	0.27%	0.006%
82	7.778	7.751	7.798	VV	626	8850	0.12%	0.003%
83	7.837	7.798	7.854	VV	372	8314	0.11%	0.003%
84	7.869	7.854	7.884	VV	220	2729	0.04%	0.001%
85	7.904	7.884	7.922	VV	278	3445	0.05%	0.001%
86	7.968	7.922	8.007	PV	344	8292	0.11%	0.003%
87	8.022	8.007	8.034	PV	177	1997	0.03%	0.001%
88	8.085	8.034	8.130	VV	452878	4907752	67.25%	1.518%
89	8.181	8.130	8.252	VV	534918	5507769	75.47%	1.704%

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Instrument :
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Manual IntegrationsAPPROVED

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rteres

90	8.262	8.252	8.292	VV	1037	20942	0.29%	0.006%
91	8.302	8.292	8.334	VV	771	16362		
92	8.477	8.444	8.519	VV	565903	5735473	78	
93	8.526	8.519	8.544	VV	2964	39330		
94	8.558	8.544	8.581	VV	2452	46444		
95	8.591	8.581	8.604	VV	2032	25322		
96	8.614	8.604	8.654	VV	1710	39304	0.54%	0.012%
97	8.692	8.654	8.727	VV	1769	58374	0.80%	0.018%
98	8.755	8.727	8.781	VV	1859	46110	0.63%	0.014%
99	8.814	8.781	8.827	VV	1699	38592	0.53%	0.012%
100	8.838	8.827	8.858	VV	1531	24846	0.34%	0.008%
101	8.902	8.858	8.924	VV	2333	58524	0.80%	0.018%
102	8.936	8.924	8.950	VV	1424	20477	0.28%	0.006%
103	8.980	8.950	9.008	VV	1943	54154	0.74%	0.017%
104	9.035	9.008	9.064	VV	1652	48328	0.66%	0.015%
105	9.119	9.064	9.151	VV	2337	99683	1.37%	0.031%
106	9.199	9.151	9.212	VV	2742	84802	1.16%	0.026%
107	9.258	9.212	9.339	VV	545063	5923910	81.17%	1.833%
108	9.357	9.339	9.378	VV	4754	98566	1.35%	0.030%
109	9.408	9.378	9.423	VV	4122	101991	1.40%	0.032%
110	9.468	9.423	9.496	VV	11733	270767	3.71%	0.084%
111	9.536	9.496	9.591	VV	30959	550834	7.55%	0.170%
112	9.630	9.591	9.648	VV	5474	167951	2.30%	0.052%
113	9.679	9.648	9.743	VV	461125	5410481	74.14%	1.674%
114	9.757	9.743	9.817	VV	5987	242046	3.32%	0.075%
115	9.845	9.817	9.879	VV	5872	200882	2.75%	0.062%
116	9.906	9.879	9.932	VV	6353	181927	2.49%	0.056%
117	10.009	9.932	10.033	VV	7297	391394	5.36%	0.121%
118	10.064	10.033	10.101	VV	12566	373704	5.12%	0.116%
119	10.119	10.101	10.129	VV	8418	136576	1.87%	0.042%
120	10.148	10.129	10.168	VV	8744	190542	2.61%	0.059%
121	10.207	10.168	10.230	VV	10469	319772	4.38%	0.099%
122	10.257	10.230	10.278	VV	8403	227043	3.11%	0.070%
123	10.307	10.278	10.318	VV	9078	208416	2.86%	0.064%
124	10.341	10.318	10.361	VV	9637	235655	3.23%	0.073%
125	10.414	10.361	10.426	VV	12027	403507	5.53%	0.125%
126	10.485	10.426	10.518	VV	25762	870880	11.93%	0.269%
127	10.526	10.518	10.578	VV	11916	401909	5.51%	0.124%
128	10.653	10.578	10.697	VV	529218	6454044	88.44%	1.997%
129	10.728	10.697	10.787	VV	511994	6290099	86.19%	1.946%
130	10.805	10.787	10.847	VV	18418	589986	8.08%	0.183%
131	10.892	10.847	10.902	VV	15860	488872	6.70%	0.151%
132	10.918	10.902	10.934	VV	16801	315704	4.33%	0.098%
133	10.950	10.934	11.017	VV	17331	815736	11.18%	0.252%
134	11.035	11.017	11.044	VV	17118	273907	3.75%	0.085%
135	11.070	11.044	11.084	VV	17488	415791	5.70%	0.129%
136	11.117	11.084	11.161	VV	427983	5736668	78.61%	1.775%
137	11.205	11.161	11.240	VV	44565	1228758	16.84%	0.380%
138	11.264	11.240	11.291	VV	18675	551913	7.56%	0.171%
139	11.308	11.291	11.326	VV	18759	386947	5.30%	0.120%
140	11.424	11.326	11.456	VV	481224	6616493	90.66%	2.047%
141	11.485	11.456	11.518	VV	22181	805839	11.04%	0.249%

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Instrument :
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Manual IntegrationsAPPROVED

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rteres

142	11.527	11.518	11.535	VV	21884	212978	2.92%	0.066%
143	11.558	11.535	11.580	VV	22921	596823	8	
144	11.600	11.580	11.618	VV	25798	536723	7	
145	11.627	11.618	11.651	VV	23671	456347	6	
146	11.666	11.651	11.695	VV	23299	604170	8	
147	11.714	11.695	11.732	VV	25964	544939	7	
148	11.761	11.732	11.828	VV	32310	1490833	20.43%	0.461%
149	11.898	11.828	11.948	VV	26527	1752082	24.01%	0.542%
150	11.991	11.948	12.007	VV	27514	884528	12.12%	0.274%
151	12.031	12.007	12.112	VV	59138	1965125	26.93%	0.608%
152	12.129	12.112	12.147	VV	27046	552284	7.57%	0.171%
153	12.183	12.147	12.225	VV	27458	1215507	16.66%	0.376%
154	12.246	12.225	12.314	VV	27922	1409041	19.31%	0.436%
155	12.345	12.314	12.371	VV	31342	982881	13.47%	0.304%
156	12.424	12.371	12.443	VV	442160	6240424	85.51%	1.931%
157	12.465	12.443	12.501	VV	497260	6399327	87.69%	1.980%
158	12.511	12.501	12.545	VV	32025	796460	10.91%	0.246%
159	12.565	12.545	12.588	VV	30461	734173	10.06%	0.227%
160	12.646	12.588	12.663	VV	31519	1253322	17.17%	0.388%
161	12.675	12.663	12.692	VV	29317	503909	6.90%	0.156%
162	12.702	12.692	12.724	VV	28828	544472	7.46%	0.168%
163	12.761	12.724	12.801	VV	499572	6666253	91.35%	2.062%
164	12.817	12.801	12.831	VV	33778	560442	7.68%	0.173%
165	12.864	12.831	12.894	VV	369530	5116471	70.11%	1.583%
166	12.915	12.894	12.998	VV	36079	1947000	26.68%	0.602%
167	13.034	12.998	13.067	VV	416185	5961813	81.69%	1.844%
168	13.085	13.067	13.118	VV	31444	937960	12.85%	0.290%
169	13.141	13.118	13.158	VV	29790	687445	9.42%	0.213%
170	13.191	13.158	13.213	VV	30786	971882	13.32%	0.301%
171	13.257	13.213	13.289	VV	35211	1431670	19.62%	0.443%
172	13.304	13.289	13.321	VV	31922	606282	8.31%	0.188%
173	13.327	13.321	13.364	VV	30660	785713	10.77%	0.243%
174	13.381	13.364	13.417	VV	30881	950822	13.03%	0.294%
175	13.457	13.417	13.485	VV	32772	1255645	17.21%	0.388%
176	13.530	13.485	13.561	VV	33426	1412134	19.35%	0.437%
177	13.571	13.561	13.579	VV	30012	324423	4.45%	0.100%
178	13.619	13.579	13.658	VV	399957	6130094	84.00%	1.897%
179	13.696	13.658	13.720	VV	30592	1111206	15.23%	0.344%
180	13.768	13.720	13.805	VV	31416	1533224	21.01%	0.474%
181	13.848	13.805	13.894	VV	35896	1726511	23.66%	0.534%
182	13.910	13.894	13.948	VV	31789	974686	13.36%	0.302%
183	13.999	13.948	14.073	VV	31453	2239885	30.69%	0.693%
184	14.107	14.073	14.148	VV	32063	1323824	18.14%	0.410%
185	14.184	14.148	14.207	VV	29856	1000648	13.71%	0.310%
186	14.245	14.207	14.264	VV	31971	1028534	14.09%	0.318%
187	14.274	14.264	14.287	VV	30341	426683	5.85%	0.132%
188	14.305	14.287	14.357	VV	31501	1242149	17.02%	0.384%
189	14.412	14.357	14.444	VV	31856	1548789	21.22%	0.479%
190	14.453	14.444	14.521	VV	28958	1263614	17.31%	0.391%
191	14.568	14.521	14.584	VV	28449	1052925	14.43%	0.326%
192	14.637	14.584	14.656	VV	427691	6344825	86.94%	1.963%
193	14.679	14.656	14.696	VV	461384	5775623	79.14%	1.787%
194	14.719	14.696	14.844	VV	378207	7138269	97.81%	2.208%

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rteres

195	14.852	14.844	14.888	VV	28574	706338	9.68%	0.219%
196	14.911	14.888	14.929	VV	28197	662368	9	
197	14.949	14.929	14.975	VV	27212	731304	10	
198	14.985	14.975	15.014	VV	26666	619016	8	
199	15.025	15.014	15.039	VV	26475	384892	5	
200	15.093	15.039	15.121	VV	41692	1492713	20	
201	15.134	15.121	15.180	VV	28339	937569	12.85%	0.290%
202	15.193	15.180	15.207	VV	25642	406875	5.58%	0.126%
203	15.248	15.207	15.265	VV	30079	953343	13.06%	0.295%
204	15.283	15.265	15.332	VV	28178	1049213	14.38%	0.325%
205	15.348	15.332	15.394	VV	26378	892452	12.23%	0.276%
206	15.438	15.394	15.506	VV	25689	1627210	22.30%	0.503%
207	15.550	15.506	15.591	VV	26979	1268616	17.38%	0.392%
208	15.605	15.591	15.649	VV	24385	829471	11.37%	0.257%
209	15.659	15.649	15.681	VV	23279	446486	6.12%	0.138%
210	15.738	15.681	15.877	VV	369339	7297872	100.00%	2.258%
211	15.918	15.877	15.951	VV	29000	1127927	15.46%	0.349%
212	15.965	15.951	15.978	VV	24067	378001	5.18%	0.117%
213	16.019	15.978	16.037	VV	25349	853644	11.70%	0.264%
214	16.061	16.037	16.081	VV	27197	690182	9.46%	0.214%
215	16.100	16.081	16.138	VV	26279	842756	11.55%	0.261%
216	16.189	16.138	16.205	VV	353073	6040544	82.77%	1.869%
217	16.223	16.205	16.271	VV	451308	6018742	82.47%	1.862%
218	16.294	16.271	16.334	VV	26648	921074	12.62%	0.285%
219	16.376	16.334	16.402	VV	24956	990956	13.58%	0.307%
220	16.435	16.402	16.498	VV	27260	1425679	19.54%	0.441%
221	16.566	16.498	16.627	VV	399425	6700541	91.82%	2.073%
222	16.685	16.627	16.751	VV	345799	6351859	87.04%	1.965%
223	16.759	16.751	16.804	VV	23874	748072	10.25%	0.231%
224	16.812	16.804	16.817	VV	22991	174261	2.39%	0.054%
225	16.839	16.817	16.856	VV	25628	567889	7.78%	0.176%
226	16.905	16.856	16.942	VV	32180	1347016	18.46%	0.417%
227	16.991	16.942	17.031	VV	24412	1244408	17.05%	0.385%
228	17.069	17.031	17.108	VV	27788	1116022	15.29%	0.345%
229	17.131	17.108	17.194	VV	24617	1165624	15.97%	0.361%
230	17.222	17.194	17.258	VV	25867	910428	12.48%	0.282%
231	17.275	17.258	17.343	VV	23910	1131601	15.51%	0.350%
232	17.355	17.343	17.374	VV	20822	378236	5.18%	0.117%
233	17.397	17.374	17.418	VV	23009	565895	7.75%	0.175%
234	17.462	17.418	17.486	VV	24603	916863	12.56%	0.284%
235	17.572	17.486	17.618	VV	331495	6230184	85.37%	1.927%
236	17.624	17.618	17.640	VV	20877	270759	3.71%	0.084%
237	17.691	17.640	17.767	VV	33228	1827562	25.04%	0.565%
238	17.783	17.767	17.834	VV	20180	785045	10.76%	0.243%
239	17.841	17.834	17.881	VV	19779	549987	7.54%	0.170%
240	17.937	17.881	17.952	VV	390220	6158005	84.38%	1.905%
241	17.974	17.952	18.025	VV	380539	5759481	78.92%	1.782%
242	18.060	18.025	18.118	VV	32226	1239383	16.98%	0.383%
243	18.125	18.118	18.147	VV	18853	307165	4.21%	0.095%
244	18.190	18.147	18.236	VV	379399	5897316	80.81%	1.824%
245	18.248	18.236	18.323	VV	18631	884844	12.12%	0.274%
246	18.332	18.323	18.340	VV	15298	154862	2.12%	0.048%

5

Instrument :
FID_C
ClientSampleId :
HL2PX6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025

A B C D E F G H I J

rteres

247	18.401	18.340	18.444	VV	333436	5408768	74.11%	1.673%
248	18.478	18.444	18.502	VV	18926	575208		
249	18.526	18.502	18.554	VV	18621	514673		
250	18.582	18.554	18.634	VV	15240	677650		
251	18.659	18.634	18.714	VV	14668	656591		
252	18.749	18.714	18.774	VV	18277	576725		
253	18.795	18.774	18.846	VV	18487	662140	9.07%	0.205%
254	18.877	18.846	18.943	VV	13819	714134	9.79%	0.221%
255	18.977	18.943	19.114	VV	13373	1186531	16.26%	0.367%
256	19.183	19.114	19.270	VV	306272	5425494	74.34%	1.679%
257	19.291	19.270	19.320	VV	11645	322763	4.42%	0.100%
258	19.331	19.320	19.349	VV	10130	173700	2.38%	0.054%
259	19.370	19.349	19.400	VV	10236	297093	4.07%	0.092%
260	19.410	19.400	19.454	VV	9984	309213	4.24%	0.096%
261	19.578	19.454	19.638	VV	13196	1208154	16.55%	0.374%
262	19.663	19.638	19.688	VV	8882	257539	3.53%	0.080%
263	19.694	19.688	19.714	VV	8866	135663	1.86%	0.042%
264	19.726	19.714	19.770	VV	8553	273242	3.74%	0.085%
265	19.793	19.770	19.877	VV	8876	550722	7.55%	0.170%
266	19.922	19.877	20.033	VV	290655	4883983	66.92%	1.511%
267	20.060	20.033	20.138	VV	10626	531872	7.29%	0.165%
268	20.154	20.138	20.244	VV	7188	443919	6.08%	0.137%
269	20.276	20.244	20.328	VV	8259	374728	5.13%	0.116%
270	20.359	20.328	20.405	VV	7572	328867	4.51%	0.102%
271	20.413	20.405	20.477	VV	6553	269419	3.69%	0.083%
272	20.490	20.477	20.527	VV	6374	179891	2.46%	0.056%
273	20.547	20.527	20.580	VV	5851	182905	2.51%	0.057%
274	20.635	20.580	20.711	VV	244524	4386207	60.10%	1.357%
275	20.717	20.711	20.735	VV	4513	61997	0.85%	0.019%
276	20.745	20.735	20.757	VV	4508	55114	0.76%	0.017%
277	20.769	20.757	20.819	VV	4185	150751	2.07%	0.047%
278	20.835	20.819	20.891	VV	4265	164391	2.25%	0.051%
279	20.897	20.891	20.978	VV	3574	161362	2.21%	0.050%
280	21.029	20.978	21.101	VV	2979	182032	2.49%	0.056%
281	21.142	21.101	21.192	VV	2387	111934	1.53%	0.035%
282	21.201	21.192	21.210	VV	1818	20521	0.28%	0.006%
283	21.221	21.210	21.241	VV	1944	33364	0.46%	0.010%
284	21.248	21.241	21.344	VV	1697	76869	1.05%	0.024%
285	21.386	21.344	21.401	VV	775	20679	0.28%	0.006%
286	21.407	21.401	21.421	VV	623	6837	0.09%	0.002%
287	21.493	21.421	21.612	VV	170837	3922060	53.74%	1.213%

Sum of corrected areas: 323229912

Aliphatic EPH 012425.M Fri Jan 31 22:51:10 2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FC012425AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB166217BS	FC068112.D	n-Tetracosane (C24)	yogesh	1/27/2025 7:58:19 AM	Ankita	1/27/2025 9:08:07	Peak Integrated by Software
PB166217BSD	FC068113.D	n-Tetracosane (C24)	yogesh	1/27/2025 7:58:22 AM	Ankita	1/27/2025 9:08:09	Peak Integrated by Software
Q1169-01	FC068114.D	1-chlorooctadecane (SURR)	yogesh	1/27/2025 7:58:21 AM	Ankita	1/27/2025 9:08:11	Peak Integrated by Software
Q1169-01	FC068114.D	ortho-Terphenyl (SURR)	yogesh	1/27/2025 7:58:21 AM	Ankita	1/27/2025 9:08:11	Peak Integrated by Software
Q1169-05MS	FC068118.D	n-Tetracosane (C24)	yogesh	1/27/2025 7:58:24 AM	Ankita	1/27/2025 9:08:13	Peak Integrated by Software
Q1169-05MSD	FC068119.D	n-Tetracosane (C24)	yogesh	1/27/2025 7:58:25 AM	Ankita	1/27/2025 9:08:16	Peak Integrated by Software
Q1170-01	FC068120.D	1-chlorooctadecane (SURR)	yogesh	1/27/2025 7:58:26 AM	Ankita	1/27/2025 9:08:18	Peak Integrated by Software
Q1170-02	FC068121.D	1-chlorooctadecane (SURR)	yogesh	1/27/2025 7:58:28 AM	Ankita	1/27/2025 9:08:20	Peak Integrated by Software
Q1170-02	FC068121.D	ortho-Terphenyl (SURR)	yogesh	1/27/2025 7:58:28 AM	Ankita	1/27/2025 9:08:20	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC068123.D	n-Dotriacontane (C32)	yogesh	1/27/2025 7:58:29 AM	Ankita	1/27/2025 9:08:22	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC068123.D	n-Hexatriacontane (C36)	yogesh	1/27/2025 7:58:29 AM	Ankita	1/27/2025 9:08:22	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC068123.D	n-Octatriacontane (C38)	yogesh	1/27/2025 7:58:29 AM	Ankita	1/27/2025 9:08:22	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC068123.D	n-Tetracontane (C40)	yogesh	1/27/2025 7:58:29 AM	Ankita	1/27/2025 9:08:22	Peak Integrated by Software

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Manual Integration Report

Sequence:	FC012425AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FC013125AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FC068161.D	n-Tetracosane (C24)	yogesh	2/3/2025 9:24:26 AM	Ankita	2/3/2025 1:08:19	Peak Integrated by Software
PB166417BS	FC068163.D	n-Hexadecane (C16)	yogesh	2/3/2025 9:24:28 AM	Ankita	2/3/2025 1:08:21	Peak Integrated by Software
PB166417BS	FC068163.D	n-Tetracosane (C24)	yogesh	2/3/2025 9:24:28 AM	Ankita	2/3/2025 1:08:21	Peak Integrated by Software
PB166417BSD	FC068164.D	n-Tetracosane (C24)	yogesh	2/3/2025 9:24:29 AM	Ankita	2/3/2025 1:08:22	Peak Integrated by Software
Q1237-06	FC068166.D	ortho-Terphenyl (SURR)	yogesh	2/3/2025 9:24:31 AM	Ankita	2/3/2025 1:08:23	Peak Integrated by Software
Q1237-06D	FC068167.D	ortho-Terphenyl (SURR)	yogesh	2/3/2025 9:24:32 AM	Ankita	2/3/2025 1:08:24	Peak Integrated by Software
Q1237-06MS	FC068168.D	n-Dotriacontane (C32)	yogesh	2/3/2025 9:24:34 AM	Ankita	2/3/2025 1:08:26	Peak Integrated by Software
Q1237-06MS	FC068168.D	n-Heneicosane (C21)	yogesh	2/3/2025 9:24:34 AM	Ankita	2/3/2025 1:08:26	Peak Integrated by Software
Q1237-06MS	FC068168.D	n-Hexacosane (C26)	yogesh	2/3/2025 9:24:34 AM	Ankita	2/3/2025 1:08:26	Peak Integrated by Software
Q1237-06MS	FC068168.D	n-Hexadecane (C16)	yogesh	2/3/2025 9:24:34 AM	Ankita	2/3/2025 1:08:26	Peak Integrated by Software
Q1237-06MS	FC068168.D	n-Hexatriacontane (C36)	yogesh	2/3/2025 9:24:34 AM	Ankita	2/3/2025 1:08:26	Peak Integrated by Software
Q1237-06MS	FC068168.D	n-Octacosane (C28)	yogesh	2/3/2025 9:24:34 AM	Ankita	2/3/2025 1:08:26	Peak Integrated by Software
Q1237-06MS	FC068168.D	n-Octadecane (C18)	yogesh	2/3/2025 9:24:34 AM	Ankita	2/3/2025 1:08:26	Peak Integrated by Software

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Manual Integration Report

Sequence:	FC013125AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1237-06MS	FC068168.D	n-Tetracosane (C24)	yogesh	2/3/2025 9:24:34 AM	Ankita	2/3/2025 1:08:26	Peak Integrated by Software
Q1237-06MS	FC068168.D	n-Tricontane (C30)	yogesh	2/3/2025 9:24:34 AM	Ankita	2/3/2025 1:08:26	Peak Integrated by Software
Q1237-06MS	FC068168.D	ortho-Terphenyl (SURR)	yogesh	2/3/2025 9:24:34 AM	Ankita	2/3/2025 1:08:26	Peak Integrated by Software
Q1237-06MSD	FC068169.D	n-Heneicosane (C21)	yogesh	2/3/2025 9:24:35 AM	Ankita	2/3/2025 1:08:28	Peak Integrated by Software
Q1237-06MSD	FC068169.D	n-Hexacosane (C26)	yogesh	2/3/2025 9:24:35 AM	Ankita	2/3/2025 1:08:28	Peak Integrated by Software
Q1237-06MSD	FC068169.D	n-Octacosane (C28)	yogesh	2/3/2025 9:24:35 AM	Ankita	2/3/2025 1:08:28	Peak Integrated by Software
Q1237-06MSD	FC068169.D	n-Octadecane (C18)	yogesh	2/3/2025 9:24:35 AM	Ankita	2/3/2025 1:08:28	Peak Integrated by Software
Q1237-06MSD	FC068169.D	n-Tetracosane (C24)	yogesh	2/3/2025 9:24:35 AM	Ankita	2/3/2025 1:08:28	Peak Integrated by Software
Q1237-06MSD	FC068169.D	n-Tricontane (C30)	yogesh	2/3/2025 9:24:35 AM	Ankita	2/3/2025 1:08:28	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC068171.D	n-Docosane (C22)	yogesh	2/3/2025 9:24:37 AM	Ankita	2/3/2025 1:08:29	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC068171.D	n-Tetracosane (C24)	yogesh	2/3/2025 9:24:37 AM	Ankita	2/3/2025 1:08:29	Peak Integrated by Software

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Manual Integration Report

Sequence:	FF011425AL	Instrument	FID_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FF020125AL	Instrument	FID_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FF015407.D	n-Docosane (C22)	yogesh	2/3/2025 9:20:55 AM	Ankita	2/3/2025 1:06:04	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF015407.D	n-Dotriacontane (C32)	yogesh	2/3/2025 9:20:55 AM	Ankita	2/3/2025 1:06:04	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF015407.D	n-Hexatriacontane (C36)	yogesh	2/3/2025 9:20:55 AM	Ankita	2/3/2025 1:06:04	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF015407.D	n-Octadecane (C18)	yogesh	2/3/2025 9:20:55 AM	Ankita	2/3/2025 1:06:04	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF015407.D	n-Octatriacontane (C38)	yogesh	2/3/2025 9:20:55 AM	Ankita	2/3/2025 1:06:04	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF015407.D	n-Tetracontane (C40)	yogesh	2/3/2025 9:20:55 AM	Ankita	2/3/2025 1:06:04	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF015407.D	n-Tetratriacontane (C34)	yogesh	2/3/2025 9:20:55 AM	Ankita	2/3/2025 1:06:04	Peak Integrated by Software
Q1220-01DL	FF015408.D	1-chlorooctadecane (SURR)	yogesh	2/3/2025 9:20:58 AM	Ankita	2/3/2025 1:06:05	Peak Integrated by Software
Q1220-01DL	FF015408.D	ortho-Terphenyl (SURR)	yogesh	2/3/2025 9:20:58 AM	Ankita	2/3/2025 1:06:05	Peak Integrated by Software
Q1220-02DL	FF015409.D	1-chlorooctadecane (SURR)	yogesh	2/3/2025 9:20:59 AM	Ankita	2/3/2025 1:06:07	Peak Integrated by Software
Q1218-01DL	FF015410.D	1-chlorooctadecane (SURR)	yogesh	2/3/2025 9:21:01 AM	Ankita	2/3/2025 1:06:08	Peak Integrated by Software
Q1218-01DL	FF015410.D	ortho-Terphenyl (SURR)	yogesh	2/3/2025 9:21:01 AM	Ankita	2/3/2025 1:06:08	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF015413.D	n-Docosane (C22)	yogesh	2/3/2025 9:21:02 AM	Ankita	2/3/2025 1:06:10	Peak Integrated by Software

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Manual Integration Report

Sequence:	FF020125AL	Instrument	FID_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FF015413.D	n-Dotriacontane (C32)	yogesh	2/3/2025 9:21:02 AM	Ankita	2/3/2025 1:06:10	Peak Integrated by Software
Q1237-02	FF015415.D	ortho-Terphenyl (SURR)	yogesh	2/3/2025 9:21:04 AM	Ankita	2/3/2025 1:06:12	Peak Integrated by Software
Q1237-03	FF015416.D	ortho-Terphenyl (SURR)	yogesh	2/3/2025 9:21:06 AM	Ankita	2/3/2025 1:06:13	Peak Integrated by Software
Q1237-04	FF015417.D	1-chlorooctadecane (SURR)	yogesh	2/3/2025 9:21:09 AM	Ankita	2/3/2025 1:06:14	Peak Integrated by Software
Q1237-04	FF015417.D	ortho-Terphenyl (SURR)	yogesh	2/3/2025 9:21:09 AM	Ankita	2/3/2025 1:06:14	Peak Integrated by Software
Q1239-01	FF015418.D	ortho-Terphenyl (SURR)	yogesh	2/3/2025 9:21:21 AM	Ankita	2/3/2025 1:06:16	Peak Integrated by Software
Q1239-04	FF015419.D	ortho-Terphenyl (SURR)	yogesh	2/3/2025 9:21:22 AM	Ankita	2/3/2025 1:06:17	Peak Integrated by Software
Q1239-07	FF015420.D	1-chlorooctadecane (SURR)	yogesh	2/3/2025 9:21:24 AM	Ankita	2/3/2025 1:06:19	Peak Integrated by Software
Q1239-07	FF015420.D	ortho-Terphenyl (SURR)	yogesh	2/3/2025 9:21:24 AM	Ankita	2/3/2025 1:06:19	Peak Integrated by Software
Q1244-01	FF015424.D	ortho-Terphenyl (SURR)	yogesh	2/3/2025 9:21:25 AM	Ankita	2/3/2025 1:06:21	Peak Integrated by Software
Q1244-02	FF015425.D	ortho-Terphenyl (SURR)	yogesh	2/3/2025 9:21:27 AM	Ankita	2/3/2025 1:06:23	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF015427.D	n-Docosane (C22)	yogesh	2/3/2025 9:21:29 AM	Ankita	2/3/2025 1:06:24	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF015427.D	n-Dotriacontane (C32)	yogesh	2/3/2025 9:21:29 AM	Ankita	2/3/2025 1:06:24	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FF020125AL	Instrument	FID_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FF015427.D	n-Hexatriacontane (C36)	yogesh	2/3/2025 9:21:29 AM	Ankita	2/3/2025 1:06:24	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF015427.D	n-Octacosane (C28)	yogesh	2/3/2025 9:21:29 AM	Ankita	2/3/2025 1:06:24	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF015427.D	n-Octatriacontane (C38)	yogesh	2/3/2025 9:21:29 AM	Ankita	2/3/2025 1:06:24	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF015427.D	n-Tetracontane (C40)	yogesh	2/3/2025 9:21:29 AM	Ankita	2/3/2025 1:06:24	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF015427.D	n-Tetratriacontane (C34)	yogesh	2/3/2025 9:21:29 AM	Ankita	2/3/2025 1:06:24	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF015427.D	n-Tricontane (C30)	yogesh	2/3/2025 9:21:29 AM	Ankita	2/3/2025 1:06:24	Peak Integrated by Software

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Manual Integration Report

Sequence:	FF020325AL	Instrument	FID_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FF015430.D	n-Tetracontane (C40)	yogesh	2/4/2025 7:27:47 AM	Ankita	2/4/2025 8:59:30	Peak Integrated by Software
Q1237-03DL	FF015433.D	1-chlorooctadecane (SURR)	yogesh	2/4/2025 7:27:49 AM	Ankita	2/4/2025 8:59:32	Peak Integrated by Software
Q1237-03DL	FF015433.D	ortho-Terphenyl (SURR)	yogesh	2/4/2025 7:27:49 AM	Ankita	2/4/2025 8:59:32	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF015435.D	n-Hexatriacontane (C36)	yogesh	2/4/2025 7:27:50 AM	Ankita	2/4/2025 8:59:34	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF015435.D	n-Octatriacontane (C38)	yogesh	2/4/2025 7:27:50 AM	Ankita	2/4/2025 8:59:34	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF015435.D	n-Tetratriacontane (C34)	yogesh	2/4/2025 7:27:50 AM	Ankita	2/4/2025 8:59:34	Peak Integrated by Software
Q1271-01	FF015441.D	ortho-Terphenyl (SURR)	yogesh	2/4/2025 7:27:52 AM	Ankita	2/4/2025 8:59:35	Peak Integrated by Software
Q1271-02	FF015442.D	ortho-Terphenyl (SURR)	yogesh	2/4/2025 7:27:53 AM	Ankita	2/4/2025 8:59:37	Peak Integrated by Software
Q1262-03	FF015443.D	1-chlorooctadecane (SURR)	yogesh	2/4/2025 7:27:55 AM	Ankita	2/4/2025 8:59:38	Peak Integrated by Software
Q1262-04	FF015444.D	1-chlorooctadecane (SURR)	yogesh	2/4/2025 7:27:56 AM	Ankita	2/4/2025 8:59:40	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF015448.D	n-Tetratriacontane (C34)	yogesh	2/4/2025 7:27:58 AM	Ankita	2/4/2025 8:59:41	Peak Integrated by Software

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC012425AL

Review By	yogesh	Review On	1/24/2025 12:20:40 PM		
Supervise By	Ankita	Supervise On	1/27/2025 9:08:46 AM		
SubDirectory	FC012425AL	HP Acquire Method		HP Processing Method	FC012425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649
CCC	PP23647
Internal Standard/PEM	
ICV/I.BLK	PP23645,PP23650
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC068101.D	24 Jan 2025 07:37	YP/AJ	Ok
2	I.BLK	FC068102.D	24 Jan 2025 08:12	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC068103.D	24 Jan 2025 08:47	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC068104.D	24 Jan 2025 09:23	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC068105.D	24 Jan 2025 09:58	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC068106.D	24 Jan 2025 10:34	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC068107.D	24 Jan 2025 11:10	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC068108.D	24 Jan 2025 11:46	YP/AJ	Ok
9	I.BLK	FC068109.D	24 Jan 2025 12:23	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC068110.D	24 Jan 2025 12:59	YP/AJ	Ok
11	PB166217BL	FC068111.D	24 Jan 2025 13:36	YP/AJ	Ok
12	PB166217BS	FC068112.D	24 Jan 2025 14:12	YP/AJ	Ok,M
13	PB166217BSD	FC068113.D	24 Jan 2025 14:50	YP/AJ	Ok,M
14	Q1169-01	FC068114.D	24 Jan 2025 15:26	YP/AJ	Dilution
15	Q1169-03	FC068115.D	24 Jan 2025 16:03	YP/AJ	Ok
16	Q1169-05	FC068116.D	24 Jan 2025 16:39	YP/AJ	Ok
17	Q1169-05D	FC068117.D	24 Jan 2025 17:17	YP/AJ	Ok
18	Q1169-05MS	FC068118.D	24 Jan 2025 17:53	YP/AJ	Ok,M
19	Q1169-05MSD	FC068119.D	24 Jan 2025 18:30	YP/AJ	Ok,M
20	Q1170-01	FC068120.D	24 Jan 2025 19:06	YP/AJ	Ok,M
21	Q1170-02	FC068121.D	24 Jan 2025 19:43	YP/AJ	Ok,M

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC012425AL

Review By	yogesh	Review On	1/24/2025 12:20:40 PM		
Supervise By	Ankita	Supervise On	1/27/2025 9:08:46 AM		
SubDirectory	FC012425AL	HP Acquire Method		HP Processing Method	FC012425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649
CCC	PP23647
Internal Standard/PEM	
ICV/I.BLK	PP23645,PP23650
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	I.BLK	FC068122.D	24 Jan 2025 20:57	YP/AJ	Ok
23	20 PPM ALIPHATIC HC STD	FC068123.D	24 Jan 2025 21:33	YP/AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC013125AL

Review By	yogesh	Review On	1/31/2025 1:00:11 PM		
Supervise By	Ankita	Supervise On	2/3/2025 1:08:33 PM		
SubDirectory	FC013125AL	HP Acquire Method		HP Processing Method	FC012425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649
CCC	PP23647
Internal Standard/PEM	
ICV/I.BLK	PP23645,PP23650
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC068159.D	31 Jan 2025 08:34	YP/AJ	Ok
2	I.BLK	FC068160.D	31 Jan 2025 11:39	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC068161.D	31 Jan 2025 12:15	YP/AJ	Ok,M
4	PB166417BL	FC068162.D	31 Jan 2025 13:52	YP/AJ	Ok
5	PB166417BS	FC068163.D	31 Jan 2025 14:28	YP/AJ	Ok,M
6	PB166417BSD	FC068164.D	31 Jan 2025 15:29	YP/AJ	Ok,M
7	Q1237-05	FC068165.D	31 Jan 2025 16:05	YP/AJ	Ok
8	Q1237-06	FC068166.D	31 Jan 2025 16:42	YP/AJ	Ok,M
9	Q1237-06D	FC068167.D	31 Jan 2025 17:19	YP/AJ	Ok,M
10	Q1237-06MS	FC068168.D	31 Jan 2025 17:55	YP/AJ	Ok,M
11	Q1237-06MSD	FC068169.D	31 Jan 2025 18:31	YP/AJ	Ok,M
12	I.BLK	FC068170.D	31 Jan 2025 19:44	YP/AJ	Ok
13	20 PPM ALIPHATIC HC STD	FC068171.D	31 Jan 2025 20:21	YP/AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF011425AL

Review By	yogesh	Review On	1/14/2025 2:46:37 PM		
Supervise By	Ankita	Supervise On	1/15/2025 7:46:37 AM		
SubDirectory	FF011425AL	HP Acquire Method		HP Processing Method	FF011425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649
CCC	PP23647
Internal Standard/PEM	
ICV/I.BLK	PP23645,PP23650
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF015226.D	14 Jan 2025 11:57	YP\AJ	Ok
2	I.BLK	FF015227.D	14 Jan 2025 12:26	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FF015228.D	14 Jan 2025 12:54	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FF015229.D	14 Jan 2025 13:23	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FF015230.D	14 Jan 2025 14:01	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FF015231.D	14 Jan 2025 14:29	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FF015232.D	14 Jan 2025 14:58	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FF015233.D	14 Jan 2025 15:26	YP\AJ	Ok
9	I.BLK	FF015234.D	14 Jan 2025 16:23	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FF015235.D	14 Jan 2025 16:51	YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF020125AL

Review By	yogesh	Review On	1/31/2025 9:25:45 AM		
Supervise By	Ankita	Supervise On	2/3/2025 1:06:37 PM		
SubDirectory	FF020125AL	HP Acquire Method		HP Processing Method	FF011425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649
CCC	PP23647
Internal Standard/PEM	
ICV/I.BLK	PP23645,PP23650
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF015405.D	31 Jan 2025 07:43	YP\AJ	Ok
2	I.BLK	FF015406.D	31 Jan 2025 08:11	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FF015407.D	31 Jan 2025 09:08	YP\AJ	Ok,M
4	Q1220-01DL	FF015408.D	31 Jan 2025 09:38	YP\AJ	Ok,M
5	Q1220-02DL	FF015409.D	31 Jan 2025 10:07	YP\AJ	Ok,M
6	Q1218-01DL	FF015410.D	31 Jan 2025 10:35	YP\AJ	Ok,M
7	Q1219-01DL	FF015411.D	31 Jan 2025 11:03	YP\AJ	Ok
8	I.BLK	FF015412.D	31 Jan 2025 12:00	YP\AJ	Ok
9	20 PPM ALIPHATIC HC STD	FF015413.D	31 Jan 2025 12:29	YP\AJ	Ok,M
10	Q1237-01	FF015414.D	31 Jan 2025 14:23	YP\AJ	Ok
11	Q1237-02	FF015415.D	31 Jan 2025 14:51	YP\AJ	Ok,M
12	Q1237-03	FF015416.D	31 Jan 2025 15:20	YP\AJ	Dilution
13	Q1237-04	FF015417.D	31 Jan 2025 15:48	YP\AJ	Ok,M
14	Q1239-01	FF015418.D	31 Jan 2025 16:17	YP\AJ	Ok,M
15	Q1239-04	FF015419.D	31 Jan 2025 16:45	YP\AJ	Ok,M
16	Q1239-07	FF015420.D	31 Jan 2025 17:14	YP\AJ	Ok,M
17	Q1239-10	FF015421.D	31 Jan 2025 17:42	YP\AJ	Ok
18	Q1243-01	FF015422.D	31 Jan 2025 18:11	YP\AJ	Ok
19	Q1243-02	FF015423.D	31 Jan 2025 18:39	YP\AJ	Ok
20	Q1244-01	FF015424.D	31 Jan 2025 19:08	YP\AJ	Dilution
21	Q1244-02	FF015425.D	31 Jan 2025 19:36	YP\AJ	Dilution

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Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF020125AL

Review By	yogesh	Review On	1/31/2025 9:25:45 AM		
Supervise By	Ankita	Supervise On	2/3/2025 1:06:37 PM		
SubDirectory	FF020125AL	HP Acquire Method		HP Processing Method	FF011425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649
CCC	PP23647
Internal Standard/PEM	
ICV/I.BLK	PP23645,PP23650
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	I.BLK	FF015426.D	31 Jan 2025 20:33	YP\AJ	Ok
23	20 PPM ALIPHATIC HC STD	FF015427.D	31 Jan 2025 21:02	YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF020325AL

Review By	yogesh	Review On	2/3/2025 12:24:52 PM		
Supervise By	Ankita	Supervise On	2/4/2025 8:59:51 AM		
SubDirectory	FF020325AL	HP Acquire Method		HP Processing Method	FF011425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649
CCC	PP23647
Internal Standard/PEM	
ICV/I.BLK	PP23645,PP23650
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF015428.D	03 Feb 2025 09:32	YP\AJ	Ok
2	I.BLK	FF015429.D	03 Feb 2025 10:01	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FF015430.D	03 Feb 2025 10:59	YP\AJ	Ok,M
4	Q1244-01DL	FF015431.D	03 Feb 2025 11:28	YP\AJ	Ok
5	Q1244-02DL	FF015432.D	03 Feb 2025 11:57	YP\AJ	Ok
6	Q1237-03DL	FF015433.D	03 Feb 2025 12:25	YP\AJ	Ok,M
7	I.BLK	FF015434.D	03 Feb 2025 13:22	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD	FF015435.D	03 Feb 2025 14:19	YP\AJ	Ok,M
9	Q1254-01	FF015436.D	03 Feb 2025 14:47	YP\AJ	Dilution
10	Q1254-02	FF015437.D	03 Feb 2025 15:16	YP\AJ	Dilution
11	Q1262-01	FF015438.D	03 Feb 2025 15:44	YP\AJ	Dilution
12	Q1262-02	FF015439.D	03 Feb 2025 17:10	YP\AJ	Ok
13	Q1269-02	FF015440.D	03 Feb 2025 17:38	YP\AJ	ReRun
14	Q1271-01	FF015441.D	03 Feb 2025 18:07	YP\AJ	Ok,M
15	Q1271-02	FF015442.D	03 Feb 2025 18:35	YP\AJ	Ok,M
16	Q1262-03	FF015443.D	03 Feb 2025 19:03	YP\AJ	Ok,M
17	Q1262-04	FF015444.D	03 Feb 2025 19:32	YP\AJ	Ok,M
18	Q1261-01	FF015445.D	03 Feb 2025 20:00	YP\AJ	Dilution
19	Q1261-02	FF015446.D	03 Feb 2025 20:29	YP\AJ	Dilution
20	I.BLK	FF015447.D	03 Feb 2025 21:26	YP\AJ	Ok
21	20 PPM ALIPHATIC HC STD	FF015448.D	03 Feb 2025 22:51	YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC012425AL

Review By	yogesh	Review On	1/24/2025 12:20:40 PM		
Supervise By	Ankita	Supervise On	1/27/2025 9:08:46 AM		
SubDirectory	FC012425AL	HP Acquire Method		HP Processing Method	FC012425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649
CCC	PP23647
Internal Standard/PEM	
ICV/I.BLK	PP23645,PP23650
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC068101.D	24 Jan 2025 07:37		YP/AJ	Ok
2	I.BLK	I.BLK	FC068102.D	24 Jan 2025 08:12		YP/AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FC068103.D	24 Jan 2025 08:47		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC068104.D	24 Jan 2025 09:23		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068105.D	24 Jan 2025 09:58		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC068106.D	24 Jan 2025 10:34		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC068107.D	24 Jan 2025 11:10		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068108.D	24 Jan 2025 11:46		YP/AJ	Ok
9	I.BLK	I.BLK	FC068109.D	24 Jan 2025 12:23		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068110.D	24 Jan 2025 12:59		YP/AJ	Ok
11	PB166217BL	PB166217BL	FC068111.D	24 Jan 2025 13:36		YP/AJ	Ok
12	PB166217BS	PB166217BS	FC068112.D	24 Jan 2025 14:12		YP/AJ	Ok,M
13	PB166217BSD	PB166217BSD	FC068113.D	24 Jan 2025 14:50		YP/AJ	Ok,M
14	Q1169-01	ARS20-0006	FC068114.D	24 Jan 2025 15:26	need 5x dilution	YP/AJ	Dilution
15	Q1169-03	REGULATOR-BUILDIN	FC068115.D	24 Jan 2025 16:03		YP/AJ	Ok
16	Q1169-05	SPILL-SITE	FC068116.D	24 Jan 2025 16:39		YP/AJ	Ok
17	Q1169-05D	Q1169-05D	FC068117.D	24 Jan 2025 17:17		YP/AJ	Ok
18	Q1169-05MS	SPILL-SITEMS	FC068118.D	24 Jan 2025 17:53	FC068116.D	YP/AJ	Ok,M

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC012425AL

Review By	yogesh	Review On	1/24/2025 12:20:40 PM		
Supervise By	Ankita	Supervise On	1/27/2025 9:08:46 AM		
SubDirectory	FC012425AL	HP Acquire Method		HP Processing Method	FC012425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649
CCC	PP23647
Internal Standard/PEM	
ICV/I.BLK	PP23645,PP23650
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1169-05MSD	SPILL-SITEMSD	FC068119.D	24 Jan 2025 18:30	FC068116.D!FC068118.D	YP/AJ	Ok,M
20	Q1170-01	OR-03-01232025	FC068120.D	24 Jan 2025 19:06		YP/AJ	Ok,M
21	Q1170-02	OR-03-01232025-E2	FC068121.D	24 Jan 2025 19:43		YP/AJ	Ok,M
22	I.BLK	I.BLK	FC068122.D	24 Jan 2025 20:57		YP/AJ	Ok
23	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068123.D	24 Jan 2025 21:33		YP/AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC013125AL

Review By	yogesh	Review On	1/31/2025 1:00:11 PM		
Supervise By	Ankita	Supervise On	2/3/2025 1:08:33 PM		
SubDirectory	FC013125AL	HP Acquire Method		HP Processing Method	FC012425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649
CCC	PP23647
Internal Standard/PEM	
ICV/I.BLK	PP23645,PP23650
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC068159.D	31 Jan 2025 08:34		YP/AJ	Ok
2	I.BLK	I.BLK	FC068160.D	31 Jan 2025 11:39		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068161.D	31 Jan 2025 12:15		YP/AJ	Ok,M
4	PB166417BL	PB166417BL	FC068162.D	31 Jan 2025 13:52		YP/AJ	Ok
5	PB166417BS	PB166417BS	FC068163.D	31 Jan 2025 14:28		YP/AJ	Ok,M
6	PB166417BSD	PB166417BSD	FC068164.D	31 Jan 2025 15:29		YP/AJ	Ok,M
7	Q1237-05	HL2PX5	FC068165.D	31 Jan 2025 16:05		YP/AJ	Ok
8	Q1237-06	HL2PX6	FC068166.D	31 Jan 2025 16:42		YP/AJ	Ok,M
9	Q1237-06D	Q1237-06D	FC068167.D	31 Jan 2025 17:19		YP/AJ	Ok,M
10	Q1237-06MS	HL2PX6MS	FC068168.D	31 Jan 2025 17:55	FC068166.D	YP/AJ	Ok,M
11	Q1237-06MSD	HL2PX6MSD	FC068169.D	31 Jan 2025 18:31	FC068166.D!FC068168.D	YP/AJ	Ok,M
12	I.BLK	I.BLK	FC068170.D	31 Jan 2025 19:44		YP/AJ	Ok
13	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068171.D	31 Jan 2025 20:21		YP/AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF011425AL

Review By	yogesh	Review On	1/14/2025 2:46:37 PM		
Supervise By	Ankita	Supervise On	1/15/2025 7:46:37 AM		
SubDirectory	FF011425AL	HP Acquire Method		HP Processing Method	FF011425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649
CCC	PP23647
Internal Standard/PEM	
ICV/I.BLK	PP23645,PP23650
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FF015226.D	14 Jan 2025 11:57		YP\AJ	Ok
2	I.BLK	I.BLK	FF015227.D	14 Jan 2025 12:26		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FF015228.D	14 Jan 2025 12:54		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FF015229.D	14 Jan 2025 13:23		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FF015230.D	14 Jan 2025 14:01		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FF015231.D	14 Jan 2025 14:29		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FF015232.D	14 Jan 2025 14:58		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FF015233.D	14 Jan 2025 15:26		YP\AJ	Ok
9	I.BLK	I.BLK	FF015234.D	14 Jan 2025 16:23		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FF015235.D	14 Jan 2025 16:51		YP\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF020125AL

Review By	yogesh	Review On	1/31/2025 9:25:45 AM		
Supervise By	Ankita	Supervise On	2/3/2025 1:06:37 PM		
SubDirectory	FF020125AL	HP Acquire Method		HP Processing Method	FF011425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649
CCC	PP23647
Internal Standard/PEM	
ICV/I.BLK	PP23645,PP23650
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FF015405.D	31 Jan 2025 07:43		YP\AJ	Ok
2	I.BLK	I.BLK	FF015406.D	31 Jan 2025 08:11		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FF015407.D	31 Jan 2025 09:08		YP\AJ	Ok,M
4	Q1220-01DL	TR-06-01292025DL	FF015408.D	31 Jan 2025 09:38		YP\AJ	Ok,M
5	Q1220-02DL	TR-06-01292025-E2DL	FF015409.D	31 Jan 2025 10:07		YP\AJ	Ok,M
6	Q1218-01DL	BELL-25-002DL	FF015410.D	31 Jan 2025 10:35		YP\AJ	Ok,M
7	Q1219-01DL	LAW-25-0015DL	FF015411.D	31 Jan 2025 11:03		YP\AJ	Ok
8	I.BLK	I.BLK	FF015412.D	31 Jan 2025 12:00		YP\AJ	Ok
9	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FF015413.D	31 Jan 2025 12:29		YP\AJ	Ok,M
10	Q1237-01	HL2PX1	FF015414.D	31 Jan 2025 14:23		YP\AJ	Ok
11	Q1237-02	HL2PX2	FF015415.D	31 Jan 2025 14:51		YP\AJ	Ok,M
12	Q1237-03	HL2PX3	FF015416.D	31 Jan 2025 15:20	need 2x dilution	YP\AJ	Dilution
13	Q1237-04	HL2PX4	FF015417.D	31 Jan 2025 15:48		YP\AJ	Ok,M
14	Q1239-01	286	FF015418.D	31 Jan 2025 16:17		YP\AJ	Ok,M
15	Q1239-04	348	FF015419.D	31 Jan 2025 16:45		YP\AJ	Ok,M
16	Q1239-07	RBR22266	FF015420.D	31 Jan 2025 17:14		YP\AJ	Ok,M
17	Q1239-10	357	FF015421.D	31 Jan 2025 17:42		YP\AJ	Ok
18	Q1243-01	CL-01-01302025	FF015422.D	31 Jan 2025 18:11		YP\AJ	Ok

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Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF020125AL

Review By	yogesh	Review On	1/31/2025 9:25:45 AM		
Supervise By	Ankita	Supervise On	2/3/2025 1:06:37 PM		
SubDirectory	FF020125AL	HP Acquire Method		HP Processing Method	FF011425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649
CCC	PP23647
Internal Standard/PEM	
ICV/I.BLK	PP23645,PP23650
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1243-02	CL-01-01302025-E2	FF015423.D	31 Jan 2025 18:39		YP\AJ	Ok
20	Q1244-01	EO-02-01302025	FF015424.D	31 Jan 2025 19:08	Need 5X	YP\AJ	Dilution
21	Q1244-02	EO-02-01302025-E2	FF015425.D	31 Jan 2025 19:36	Need 5X	YP\AJ	Dilution
22	I.BLK	I.BLK	FF015426.D	31 Jan 2025 20:33		YP\AJ	Ok
23	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FF015427.D	31 Jan 2025 21:02		YP\AJ	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF020325AL

Review By	yogesh	Review On	2/3/2025 12:24:52 PM		
Supervise By	Ankita	Supervise On	2/4/2025 8:59:51 AM		
SubDirectory	FF020325AL	HP Acquire Method		HP Processing Method	FF011425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649
CCC	PP23647
Internal Standard/PEM	
ICV/I.BLK	PP23645,PP23650
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FF015428.D	03 Feb 2025 09:32		YP\AJ	Ok
2	I.BLK	I.BLK	FF015429.D	03 Feb 2025 10:01		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FF015430.D	03 Feb 2025 10:59		YP\AJ	Ok,M
4	Q1244-01DL	EO-02-01302025DL	FF015431.D	03 Feb 2025 11:28		YP\AJ	Ok
5	Q1244-02DL	EO-02-01302025-E2DL	FF015432.D	03 Feb 2025 11:57		YP\AJ	Ok
6	Q1237-03DL	HL2PX3DL	FF015433.D	03 Feb 2025 12:25		YP\AJ	Ok,M
7	I.BLK	I.BLK	FF015434.D	03 Feb 2025 13:22		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FF015435.D	03 Feb 2025 14:19		YP\AJ	Ok,M
9	Q1254-01	OK-02-01312025	FF015436.D	03 Feb 2025 14:47	need 5x dilution	YP\AJ	Dilution
10	Q1254-02	OK-02-01312025-E2	FF015437.D	03 Feb 2025 15:16	need 10x dilution	YP\AJ	Dilution
11	Q1262-01	ETGI-371	FF015438.D	03 Feb 2025 15:44	need 5x dilution	YP\AJ	Dilution
12	Q1262-02	ETGI-371-E2	FF015439.D	03 Feb 2025 17:10		YP\AJ	Ok
13	Q1269-02	VNJ-231-E2	FF015440.D	03 Feb 2025 17:38	Surr Fail	YP\AJ	ReRun
14	Q1271-01	RBR200030	FF015441.D	03 Feb 2025 18:07		YP\AJ	Ok,M
15	Q1271-02	RBR200030-E2	FF015442.D	03 Feb 2025 18:35		YP\AJ	Ok,M
16	Q1262-03	CONCRETE-PAD	FF015443.D	03 Feb 2025 19:03		YP\AJ	Ok,M
17	Q1262-04	CONCRETE-PAD-E2	FF015444.D	03 Feb 2025 19:32		YP\AJ	Ok,M
18	Q1261-01	CHRT-20430	FF015445.D	03 Feb 2025 20:00	need 20x & 250x dilution	YP\AJ	Dilution

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Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF020325AL

Review By	yogesh	Review On	2/3/2025 12:24:52 PM		
Supervise By	Ankita	Supervise On	2/4/2025 8:59:51 AM		
SubDirectory	FF020325AL	HP Acquire Method		HP Processing Method	FF011425AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649
CCC	PP23647
Internal Standard/PEM	
ICV/I.BLK	PP23645,PP23650
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1261-02	CHRT-20430-E2	FF015446.D	03 Feb 2025 20:29	need 25x & 500x dilution	YP\AJ	Dilution
20	I.BLK	I.BLK	FF015447.D	03 Feb 2025 21:26		YP\AJ	Ok
21	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FF015448.D	03 Feb 2025 22:51		YP\AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB166417

5

SOP ID: MNJDEP-EPH-7

Clean Up SOP #: N/A

Extraction Start Date : 01/31/2025

Matrix : Solid

Extraction Start Time : 09:45

Weigh By: EH

Extraction By: RJ

Extraction End Date : 01/31/2025

Balance check: RJ

Filter By: RJ

Extraction End Time : 13:45

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : rajesh

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP24092
Surrogate	1.0ML	100 PPM	PP24119
Fractionation Surrogate	1.0ML	100 PPM	PP24108
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	EP2578
Baked Na2SO4	N/A	EP2580
Sand	N/A	E2865
Hexane	N/A	E3872
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 # 2210673.

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
01/31/25	RP (Eps 2ας)	[illegible signature]
13:50	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB166417

Analytical Method: MNJDEP-EPH-7

Concentration Date: 01/31/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Pr Pos
					AddedBy	VerifiedBy				
PB166417BL	PB166417BL	EPH_NF	30.02	N/A	ritesh	Evelyn	2			U0-1
PB166417BS	PB166417BS	EPH_NF	30.02	N/A	ritesh	Evelyn	2			2
PB166417BSD	PB166417BSD	EPH_NF	30.01	N/A	ritesh	Evelyn	2			3
Q1237-01	HL6PX1	EPH_NF	30.06	N/A	ritesh	Evelyn	2			4
Q1237-02	HL6PX2	EPH_NF	30.08	N/A	ritesh	Evelyn	2			5
Q1237-03	HL6PX3	EPH_NF	30.05	N/A	ritesh	Evelyn	2			6
Q1237-04	HL6PX4	EPH_NF	30.01	N/A	ritesh	Evelyn	2			U7-1
Q1237-05	HL6PX5	EPH_NF	30.03	N/A	ritesh	Evelyn	2			2
Q1237-06	HL6PX6	EPH_NF	30.01	N/A	ritesh	Evelyn	2			3
Q1237-06DUP	HL6PX6DUP	EPH_NF	30.02	N/A	ritesh	Evelyn	2			4
Q1237-06MS	HL6PX6MS	EPH_NF	30.07	N/A	ritesh	Evelyn	2			5
Q1237-06MSD	HL6PX6MSD	EPH_NF	30.05	N/A	ritesh	Evelyn	2			6
Q1239-01	286	EPH_NF	30.06	N/A	ritesh	Evelyn	2	C		U3-1
Q1239-04	348	EPH_NF	30.07	N/A	ritesh	Evelyn	2	C		2
Q1239-07	RBR22266	EPH_NF	30.03	N/A	ritesh	Evelyn	2	C		3
Q1239-10	357	EPH_NF	30.02	N/A	ritesh	Evelyn	2	C		4
Q1243-01	CL-01-01302025	EPH_NF	30.05	N/A	ritesh	Evelyn	2	C		5
Q1243-02	CL-01-01302025-E2	EPH_NF	30.08	N/A	ritesh	Evelyn	2			6
Q1244-01	EO-02-01302025	EPH_NF	30.03	N/A	ritesh	Evelyn	2	C		U4-1
Q1244-02	EO-02-01302025-E2	EPH_NF	30.04	N/A	ritesh	Evelyn	2			2

* **Extracts relinquished on the same date as received.**

1/31/25

166417
9:47

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1237 **WorkList ID :** 187332 **Department :** Extraction **Date :** 01-31-2025 08:16:20

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1237-01	HL6PX1	Solid	EPH_NF	Cool 4 deg C	GENV01	N31	01/30/2025	NJEPH
Q1237-02	HL6PX2	Solid	EPH_NF	Cool 4 deg C	GENV01	N31	01/30/2025	NJEPH
Q1237-03	HL6PX3	Solid	EPH_NF	Cool 4 deg C	GENV01	N31	01/30/2025	NJEPH
Q1237-04	HL6PX4	Solid	EPH_NF	Cool 4 deg C	GENV01	N31	01/30/2025	NJEPH
Q1237-05	HL6PX5	Solid	EPH_NF	Cool 4 deg C	GENV01	N31	01/30/2025	NJEPH
Q1237-06	HL6PX6	Solid	EPH_NF	Cool 4 deg C	GENV01	N31	01/30/2025	NJEPH
Q1239-01	286	Solid	EPH_NF	Cool 4 deg C	GENV01	N31	01/30/2025	NJEPH
Q1239-04	348	Solid	EPH_NF	Cool 4 deg C	PSEG03	N31	01/30/2025	NJEPH
Q1239-07	RBR22266	Solid	EPH_NF	Cool 4 deg C	PSEG03	N31	01/30/2025	NJEPH
Q1239-10	357	Solid	EPH_NF	Cool 4 deg C	PSEG03	N31	01/30/2025	NJEPH
Q1243-01	CL-01-01302025	Solid	EPH_NF	Cool 4 deg C	PSEG03	N31	01/30/2025	NJEPH
Q1243-02	CL-01-01302025-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	N41	01/30/2025	NJEPH
Q1244-01	EO-02-01302025	Solid	EPH_NF	Cool 4 deg C	PSEG05	N41	01/30/2025	NJEPH
Q1244-02	EO-02-01302025-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	N51	01/30/2025	NJEPH

Date/Time 01/31/25 9:40
Raw Sample Received by: RJ (Set log)
Raw Sample Relinquished by: CR SM

Date/Time 01/31/25 10:10
Raw Sample Received by: CR SM
Raw Sample Relinquished by: RJ (Set log)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q1237	**OrderDate:**	1/30/2025 1:04:50 PM
Client:	G Environmental	**Project:**	Nelson
Contact:	Gary Landis	**Location:**	N31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1237-01	**HL2PX1**	**Solid**			**01/30/25**			**01/30/25**
			EPH_NF	NJEPH		01/31/25	01/31/25	
Q1237-02	**HL2PX2**	**Solid**			**01/30/25**			**01/30/25**
			EPH_NF	NJEPH		01/31/25	01/31/25	
Q1237-03	**HL2PX3**	**Solid**			**01/30/25**			**01/30/25**
			EPH_NF	NJEPH		01/31/25	01/31/25	
Q1237-03DL	**HL2PX3DL**	**Solid**			**01/30/25**			**01/30/25**
			EPH_NF	NJEPH		01/31/25	02/03/25	
Q1237-04	**HL2PX4**	**Solid**			**01/30/25**			**01/30/25**
			EPH_NF	NJEPH		01/31/25	01/31/25	
Q1237-05	**HL2PX5**	**Solid**			**01/30/25**			**01/30/25**
			EPH_NF	NJEPH		01/31/25	01/31/25	
Q1237-06	**HL2PX6**	**Solid**			**01/30/25**			**01/30/25**
			EPH_NF	NJEPH		01/31/25	01/31/25	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q1237
COC Number 2046123

6
6.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: G Environmental
ADDRESS: 8 Carriage Lane
CITY: Succasunna STATE: NJ ZIP: 07876
ATTENTION: GL
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Nelson
PROJECT NO.: LOCATION: Maplewood
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: G Environmental PO#:
ADDRESS: 8 Carriage
CITY: Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) ____ DAYS*
HARDCOPY (DATA PACKAGE): ____ DAYS*
EDD: ____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

❑ Level 1 (Results Only) ❑ Level 4 (QC + Full Raw Data)
❑ Level 2 (Results + QC) ❑ NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ❑ NYS ASP A ❑ NYS ASP B
❑ Other
❑ EDD FORMAT

ANALYSIS

1. EPH Cat 2
2. Contingent PAH
3. EPH fraction(ated)

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1.	HL2PX1	Soil		X	1/30/25	1015	1	X									
2.	HL2PX2	|		|	|	1030	1	|									
3.	HL2PX3	|		|	|	1050	1	|									
4.	HL2PX4	|		|	|	1104	1	|									
5.	HL2PX5	|		|	|	1130	1	|									
6.	HL2PX6	Soil		X	1/30/25	1100	1	X									
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES: X (1); contingency (2–5)

Handwritten across columns 2–5: contingency PAH fractionation

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	1/30/25 1220	1. [signature]
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 2.5 °C
Comments:

Page 1 of 1

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete
❑ YES ❑ NO

Q1237

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488