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Cover Page

Order ID : Q2515

Project ID : MV Trucking

Client : ENVOCARE Environmental Facility Management dba UAV

Lab Sample Number	Client Sample Number
Q2515-01	WC-1

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: 7/15/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

ENVOCARE Environmental Facility Management dba UAV
Project Name: MV Trucking
Project # N/A
Order ID # Q2515
Test Name: EPH_NF

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 07/03/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH_NF, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA - 20, TCL+30/TAL and VOC-TCLVOA-10. This data package contains results for EPH_NF.

C. Analytical Techniques:
The analysis were performed on instrument FID_G. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302.The analysis 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 {Q2515-01MS} with File ID: FG016232.D recoveries met the requirements for all compounds except for Aliphatic [n-Decane (C10) -153%],[n-Octatriacontane (C38) - 151%],[n-Tetracontane (C40) -144%] due to matrix interference.

The MSD {Q2515-01MSD} with File ID: FG016233.D recoveries met the requirements for all compounds except for Aliphatic [n-Decane (C10) -152%],[n-Octatriacontane (C38) -145%],[n-Tetracontane (C40) -148%] due to matrix interference.

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 .

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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.

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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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 #: **Q2515**

	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: **NILESH PRAJAPATI** **Date:** **07/15/2025**

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LAB CHRONICLE

OrderID:	Q2515	**OrderDate:**	7/3/2025 3:14:15 PM
Client:	ENVOCARE Environmental Facility Management dba UAV	**Project:**	MV Trucking
Contact:	Mayur Patel	**Location:**	O23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2515-01	**WC-1**	**SOIL**			**07/03/25**			**07/03/25**
			PCB	8082A		07/07/25	07/08/25	
			Pesticide-TCL	8081B		07/07/25	07/07/25	
			EPH_NF	NJEPH		07/07/25	07/07/25	

QC SUMMARY

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SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: ENVO01

Lab Code: CHEM CASE No.: Q2515 SAS No.: Q2515 SDG No.: Q2515

Run Number: FG070725AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB168738BL	94	92		0
wc-1	112	104		0
wc-1MS	76	69		0
wc-1MSD	76	69		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: ENVO01

Lab Code: CHEM CASE No.: Q2515 SAS No.: Q2515 SDG No.: Q2515

Run Number: FG070825AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB168738BS	53	51		0
PB168738BSD	53	52		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

	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:**	ENVOCARE Environmental Facility Mana		
Lab Code:	CHEM	**Cas No:**	Q2515	**SAS No :**	Q2515	**SDG No:**	Q2515
Sample No :	Q2515-01MS	**Datafile:**	FG016232.D	**Client ID :**	wc-1MS		

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	34.2	12.4	49.4	108		(40-140)
Aliphatic C9-C28	114.0	5.56	107	90		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
n-Nonane (C9)	3.8	0.0000	2.4008	63		(40-140)
n-Decane (C10)	3.8	0.0000	5.8093	153	*	(40-140)
Naphthalene (C11.7)	3.8	0.0000	3.2301	85		(40-140)
n-Dodecane (C12)	3.8	0.0000	3.0297	80		(40-140)
2-methylnaphthalene (C12.89)	3.8	0.0000	3.2812	86		(40-140)
n-Tetradecane (C14)	3.8	0.0000	3.3947	89		(40-140)
n-Hexadecane (C16)	3.8	0.0000	3.6331	96		(40-140)
n-Octadecane (C18)	3.8	0.0000	3.7046	97		(40-140)
n-Eicosane (C20)	3.8	0.0000	3.9835	105		(40-140)
n-Heneicosane (C21)	3.8	0.0000	3.8614	102		(40-140)
n-Docosane (C22)	3.8	0.0000	3.8283	101		(40-140)
n-Tetracosane (C24)	7.6	0.0000	7.7383	102		(40-140)
n-Hexacosane (C26)	3.8	0.0000	3.6597	96		(40-140)
n-Octacosane (C28)	3.8	0.0000	3.6574	96		(40-140)
n-Tricontane (C30)	3.8	0.0000	3.5152	93		(40-140)
n-Dotriacontane (C32)	3.8	0.0000	3.5583	94		(40-140)
n-Tetratriacontane (C34)	3.8	0.0000	4.2227	111		(40-140)
n-Hexatriacontane (C36)	3.8	0.0000	5.0553	133		(40-140)
n-Octatriacontane (C38)	3.8	0.0000	5.7538	151	*	(40-140)
n-Tetracontane (C40)	3.8	0.0000	5.4652	144	*	(40-140)

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** ENVOCARE Environmental Facility Mana

Lab Code: CHEM **Cas No:** Q2515 **SAS No :** Q2515 **SDG No:** Q2515

Sample No : Q2515-01MSD **Datafile:** FG016233.D **Client ID :** wc-1MSD

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	34.3	12.4	49.8	109		0.92 |	(40-140)	50
Aliphatic C9-C28	114.3	5.56	110	92		3 |	(40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS	QC Limit Of RPD
n-Nonane (C9)	3.8	0.0000	2.3955	63		0 |	(40-140)	50
n-Decane (C10)	3.8	0.0000	5.7935	152	*	0.66 |	(40-140)	50
Naphthalene (C11.7)	3.8	0.0000	3.2237	85		0 |	(40-140)	50
n-Dodecane (C12)	3.8	0.0000	3.0244	80		0 |	(40-140)	50
2-methylnaphthalene (C12.89)	3.8	0.0000	3.2795	86		0 |	(40-140)	50
n-Tetradecane (C14)	3.8	0.0000	3.3935	89		0 |	(40-140)	50
n-Hexadecane (C16)	3.8	0.0000	3.6430	96		0 |	(40-140)	50
n-Octadecane (C18)	3.8	0.0000	3.7179	98		1.03 |	(40-140)	50
n-Eicosane (C20)	3.8	0.0000	3.9987	105		0 |	(40-140)	50
n-Heneicosane (C21)	3.8	0.0000	3.8763	102		0 |	(40-140)	50
n-Docosane (C22)	3.8	0.0000	3.8481	101		0 |	(40-140)	50
n-Tetracosane (C24)	7.6	0.0000	7.7618	102		0 |	(40-140)	50
n-Hexacosane (C26)	3.8	0.0000	3.6750	97		1.04 |	(40-140)	50
n-Octacosane (C28)	3.8	0.0000	3.6707	97		1.04 |	(40-140)	50
n-Tricontane (C30)	3.8	0.0000	3.5168	93		0 |	(40-140)	50
n-Dotriacontane (C32)	3.8	0.0000	3.5574	94		0 |	(40-140)	50
n-Tetratriacontane (C34)	3.8	0.0000	4.2836	113		1.79 |	(40-140)	50
n-Hexatriacontane (C36)	3.8	0.0000	4.9972	132		0.75 |	(40-140)	50
n-Octatriacontane (C38)	3.8	0.0000	5.4939	145	*	4.05 |	(40-140)	50
n-Tetracontane (C40)	3.8	0.0000	5.6265	148	*	2.74 |	(40-140)	50

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** ENVOCARE Environmental Facility Manage

Lab Code: CHEM **Cas No:** Q2515 **SAS No :** Q2515 **SDG No:** Q2515

Sample No : PB168738BS **Datafile:** FG016239.D **Client ID :** PB168738BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	30.0	20.1	67		(40-140)
Aliphatic C9-C28	99.9	54.0	54		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
n-Nonane (C9)	3.3	1.62441	49		(40-140)
n-Decane (C10)	3.3	1.69203	51		(40-140)
Naphthalene (C11.7)	3.3	1.94890	59		(40-140)
n-Dodecane (C12)	3.3	1.79908	55		(40-140)
2-methylnaphthalene (C12.89)	3.3	1.94660	59		(40-140)
n-Tetradecane (C14)	3.3	1.92903	58		(40-140)
n-Hexadecane (C16)	3.3	1.94565	59		(40-140)
n-Octadecane (C18)	3.3	1.91517	58		(40-140)
n-Eicosane (C20)	3.3	2.03287	62		(40-140)
n-Heneicosane (C21)	3.3	1.97392	60		(40-140)
n-Docosane (C22)	3.3	1.94776	59		(40-140)
n-Tetracosane (C24)	6.7	3.92935	59		(40-140)
n-Hexacosane (C26)	3.3	1.85981	56		(40-140)
n-Octacosane (C28)	3.3	1.82643	55		(40-140)
n-Tricontane (C30)	3.3	1.77873	54		(40-140)
n-Dotriacontane (C32)	3.3	1.81434	55		(40-140)
n-Tetratriacontane (C34)	3.3	2.05277	62		(40-140)
n-Hexatriacontane (C36)	3.3	2.26492	69		(40-140)
n-Octatriacontane (C38)	3.3	2.56386	78		(40-140)
n-Tetracontane (C40)	3.3	2.78050	84		(40-140)

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** ENVOCARE Environmental Facility Manage

Lab Code: CHEM **Cas No:** Q2515 **SAS No :** Q2515 **SDG No:** Q2515

Sample No : PB168738BSD **Datafile:** FG016240.D **Client ID :** PB168738BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	30.0	20.2	67		0.38|	(40-140)	25
Aliphatic C9-C28	100.1	54.3	54		0.495|	(40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS	QC Limit Of RPD
n-Nonane (C9)	3.3	1.63004	49		0|	(40-140)	25
n-Decane (C10)	3.3	1.69781	51		0|	(40-140)	25
Naphthalene (C11.7)	3.3	1.95952	59		0|	(40-140)	25
n-Dodecane (C12)	3.3	1.80872	55		0|	(40-140)	25
2-methylnaphthalene (C12.89)	3.3	1.95855	59		0|	(40-140)	25
n-Tetradecane (C14)	3.3	1.94442	59		1.71|	(40-140)	25
n-Hexadecane (C16)	3.3	1.95658	59		0|	(40-140)	25
n-Octadecane (C18)	3.3	1.92766	58		0|	(40-140)	25
n-Eicosane (C20)	3.3	2.04545	62		0|	(40-140)	25
n-Heneicosane (C21)	3.3	1.98034	60		0|	(40-140)	25
n-Docosane (C22)	3.3	1.95783	59		0|	(40-140)	25
n-Tetracosane (C24)	6.7	3.93908	59		0|	(40-140)	25
n-Hexacosane (C26)	3.3	1.87086	57		1.77|	(40-140)	25
n-Octacosane (C28)	3.3	1.83439	56		1.8|	(40-140)	25
n-Tricontane (C30)	3.3	1.79001	54		0|	(40-140)	25
n-Dotriacontane (C32)	3.3	1.82926	55		0|	(40-140)	25
n-Tetratriacontane (C34)	3.3	2.06840	63		1.6|	(40-140)	25
n-Hexatriacontane (C36)	3.3	2.27655	69		0|	(40-140)	25
n-Octatriacontane (C38)	3.3	2.57651	78		0|	(40-140)	25
n-Tetracontane (C40)	3.3	2.77844	84		0|	(40-140)	25

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4B

METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168738BL

Lab Name: CHEMTECH Contract: ENVO01

Lab Code: CHEM Case No.: Q2515 SAS No.: Q2515 SDG NO.: Q2515

Instrument ID: FID_G Lab Sample ID: PB168738BL

Matrix: (soil/water) Solid Date Extracted: 7/7/2025 9:30:00 AM

Level: (low/med) low

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

EPA SAMPLE NO.	LAB SAMPLE ID
PB168738BS	PB168738BS
PB168738BSD	PB168738BSD
WC-1	Q2515-01
WC-1MS	Q2515-01MS
WC-1MSD	Q2515-01MSD

COMMENTS:

SAMPLE DATA

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Report of Analysis

Client:	ENVOCARE Environmental Facility Management dba UAV	Date Collected:	07/03/25
Project:	MV Trucking	Date Received:	07/03/25
Client Sample ID:	WC-1	SDG No.:	Q2515
Lab Sample ID:	Q2515-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.5
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
07/07/25 09:30	07/07/25 16:32	PB168738

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	12.4		1	1.35	2.28	mg/kg	FG016230.D
Aliphatic C9-C28	Aliphatic C9-C28	5.56		1	1.04	4.56	mg/kg	FG016230.D
Total AliphaticEPH	Total AliphaticEPH	18.0			2.39	6.84	mg/kg	
Total EPH	Total EPH	18.0			2.39	6.84	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:	ENVOCARE Environmental Facility Management dba UAV	Date Collected:	07/03/25
Project:	MV Trucking	Date Received:	07/03/25
Client Sample ID:	WC-1	SDG No.:	Q2515
Lab Sample ID:	Q2515-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.5
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
FG016230.D	1	07/07/25	07/07/25	PB168738

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.56		1.04	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.4		1.35	2.28	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	56.1		40 - 140	112%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	51.9		40 - 140	104%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2515-01	Acq On:	07 Jul 2025 16:32
Client Sample ID:	wc-1	Operator:	YP\AJ
Data file:	FG016230.D	Misc:	
Instrument:	FID_G	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.313	6.958	3735637	34.167	300	ug/ml
Aliphatic C12-C16	6.959	10.419	1025416	9.17	200	ug/ml
Aliphatic C16-C21	10.420	13.811	1692867	14.787	300	ug/ml
Aliphatic C21-C28	13.812	17.498	1719695	15.034	400	ug/ml
Aliphatic C28-C40	17.499	22.561	14967972	162.703	600	ug/ml
Aliphatic EPH	3.313	22.561	23141587	235.861		ug/ml
ortho-Terphenyl (SURR)	12.099	12.099	6693465	51.88		ug/ml
1-chlorooctadecane (SURR)	13.544	13.544	5657373	56.14		ug/ml
Aliphatic C9-C28	3.313	17.498	8173615	73.158	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016230.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 16:32
Operator : YP\AJ
Sample : Q2515-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
wc-1

Integration File: autoint1.e
Quant Time: Jul 08 02:23:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 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)	12.099	6693465	51.877 ug/ml
Spiked Amount 50.000		Recovery = 103.75%	
12) S 1-chlorooctadecane (S...	13.544	5657373	56.144 ug/ml
Spiked Amount 50.000		Recovery = 112.29%	
Target Compounds			

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

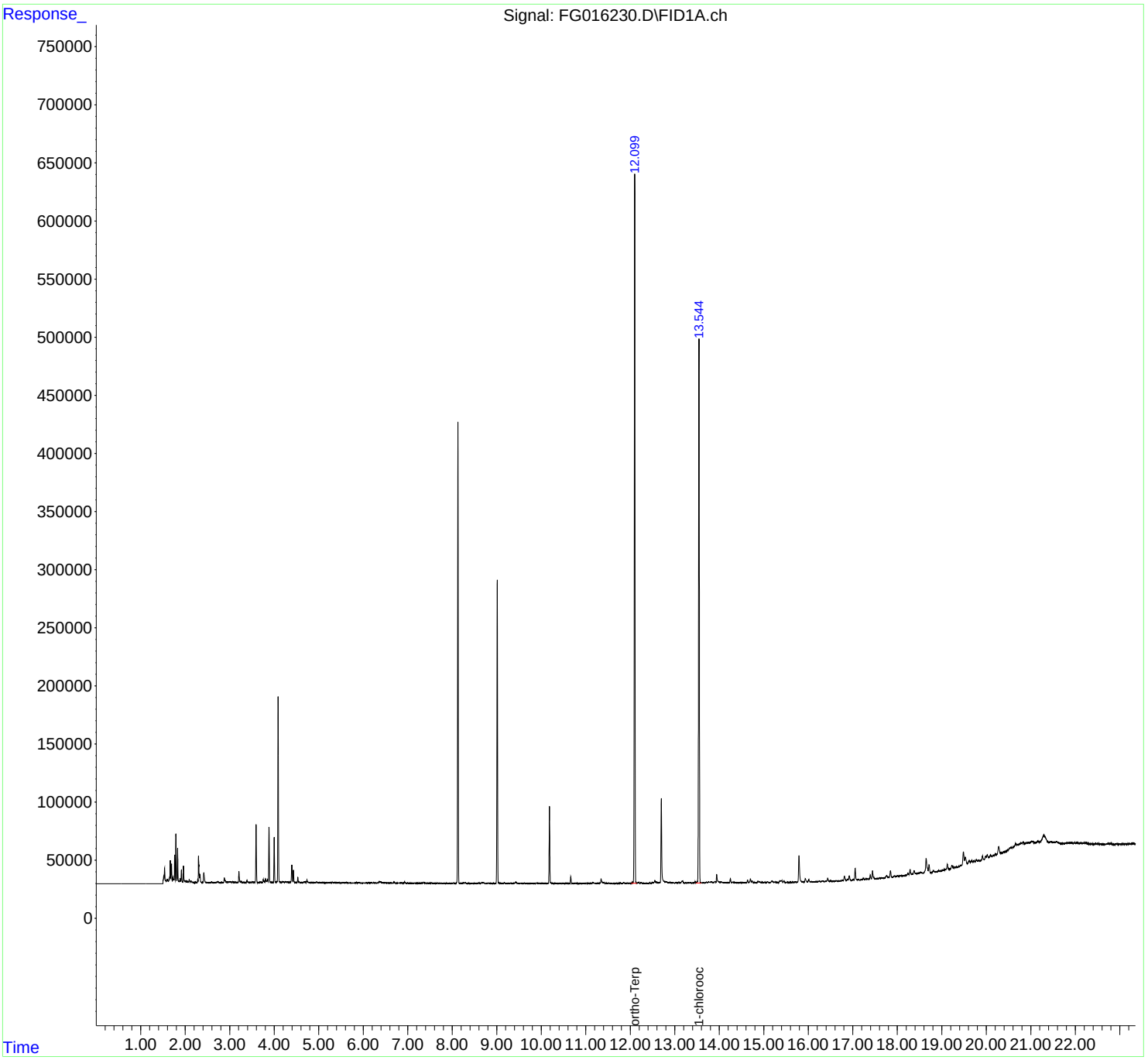
Quantitation Report (QT Reviewed)

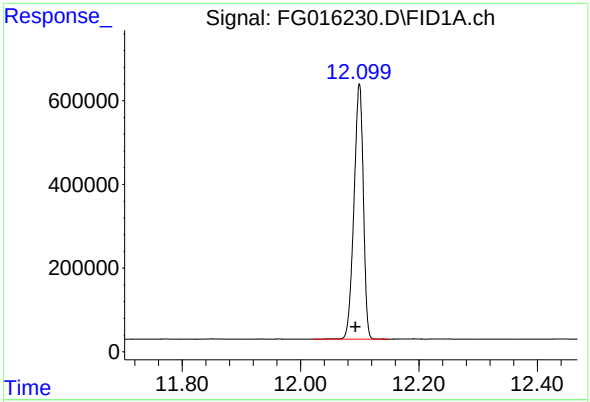
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016230.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 16:32
Operator : YP\AJ
Sample : Q2515-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
wc-1

Integration File: autoint1.e
Quant Time: Jul 08 02:23:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

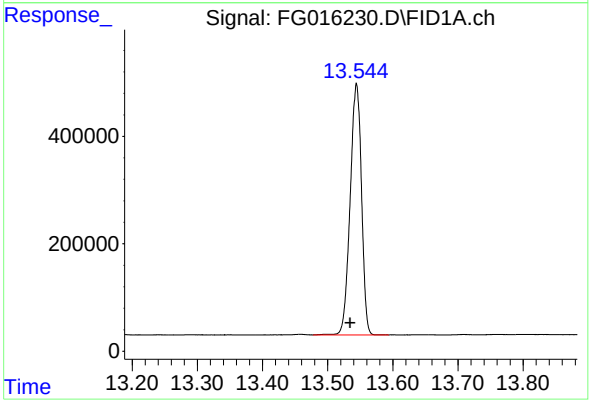




#9 ortho-Terphenyl (SURR)

R.T.: 12.099 min
Delta R.T.: 0.007 min
Response: 6693465
Conc: 51.88 ug/ml

Instrument :
FID_G
ClientSampleId :
wc-1



#12 1-chlorooctadecane (SURR)

R.T.: 13.544 min
Delta R.T.: 0.010 min
Response: 5657373
Conc: 56.14 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016230.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 16:32
Sample : Q2515-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.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	3.304	3.292	3.341	PV	300	2710	0.04%	0.008%
2	3.354	3.341	3.367	PV	73	672	0.01%	0.002%
3	3.388	3.367	3.443	VV	2140	24630	0.37%	0.069%
4	3.463	3.443	3.484	VV	304	4292	0.06%	0.012%
5	3.504	3.484	3.525	VV	704	8519	0.13%	0.024%
6	3.543	3.525	3.560	VV	337	4635	0.07%	0.013%
7	3.592	3.560	3.661	VV	49867	468362	6.98%	1.317%
8	3.679	3.661	3.730	VV	628	10996	0.16%	0.031%
9	3.753	3.730	3.785	VV	2798	40805	0.61%	0.115%
10	3.803	3.785	3.822	VV	3432	38972	0.58%	0.110%
11	3.848	3.822	3.861	VV	3118	41254	0.61%	0.116%
12	3.882	3.861	3.916	VV	47816	439893	6.56%	1.237%
13	3.926	3.916	3.968	VV	350	7956	0.12%	0.022%
14	3.999	3.968	4.040	VV	38925	355238	5.29%	0.999%
15	4.087	4.040	4.155	VV	158081	1478198	22.03%	4.156%
16	4.180	4.155	4.199	VV	1059	17056	0.25%	0.048%
17	4.212	4.199	4.234	VV	793	13183	0.20%	0.037%
18	4.258	4.234	4.342	VV	1047	35707	0.53%	0.100%
19	4.395	4.342	4.416	VV	15391	194555	2.90%	0.547%
20	4.432	4.416	4.507	VV	10976	113751	1.70%	0.320%
21	4.531	4.507	4.599	VV	4660	59833	0.89%	0.168%
22	4.615	4.599	4.629	VV	300	4683	0.07%	0.013%
23	4.674	4.629	4.688	VV	674	15202	0.23%	0.043%
24	4.693	4.688	4.706	VV	585	5647	0.08%	0.016%
25	4.736	4.706	4.820	VV	2161	45015	0.67%	0.127%
26	4.837	4.820	4.884	VV	404	9558	0.14%	0.027%
27	4.897	4.884	4.918	VV	243	4493	0.07%	0.013%
28	4.952	4.918	5.001	VV	1187	18449	0.27%	0.052%
29	5.015	5.001	5.022	VV	205	2210	0.03%	0.006%
30	5.046	5.022	5.068	VV	205	4851	0.07%	0.014%
31	5.088	5.068	5.109	VV	216	4495	0.07%	0.013%
32	5.118	5.109	5.150	VV	188	4113	0.06%	0.012%
33	5.169	5.150	5.248	VV	206	9801	0.15%	0.028%
34	5.259	5.248	5.274	VV	206	2330	0.03%	0.007%
35	5.304	5.274	5.321	VV	719	9115	0.14%	0.026%
36	5.333	5.321	5.375	VV	336	7276	0.11%	0.020%

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37	5.388	5.375	5.414	VV	293	4763	0.07%	0.013%
38	5.431	5.414	5.480	VV	279	6570	0.10%	0.018%
39	5.493	5.480	5.513	VV	167	2418	0.04%	0.007%
40	5.548	5.513	5.597	VV	320	7286	0.11%	0.020%
41	5.620	5.597	5.641	VV	627	7833	0.12%	0.022%
42	5.655	5.641	5.672	VV	206	2385	0.04%	0.007%
43	5.692	5.672	5.715	VV	180	2586	0.04%	0.007%
44	5.725	5.715	5.738	VV	89	743	0.01%	0.002%
45	5.742	5.738	5.749	VV	90	372	0.01%	0.001%
46	5.766	5.749	5.801	PV	138	2688	0.04%	0.008%
47	5.818	5.801	5.835	VV	253	3340	0.05%	0.009%
48	5.849	5.835	5.866	VV	708	7540	0.11%	0.021%
49	5.883	5.866	5.903	VV	533	6586	0.10%	0.019%
50	5.918	5.903	5.980	VV	372	7211	0.11%	0.020%
51	5.998	5.980	6.008	VV	110	1250	0.02%	0.004%
52	6.019	6.008	6.035	VV	141	1547	0.02%	0.004%
53	6.080	6.035	6.112	VV	229	6253	0.09%	0.018%
54	6.134	6.112	6.158	VV	456	6176	0.09%	0.017%
55	6.185	6.158	6.218	VV	525	7065	0.11%	0.020%
56	6.232	6.218	6.250	VV	510	5047	0.08%	0.014%
57	6.269	6.250	6.308	VV	191	3447	0.05%	0.010%
58	6.358	6.308	6.379	VV	1391	26684	0.40%	0.075%
59	6.394	6.379	6.454	VV	1320	27730	0.41%	0.078%
60	6.469	6.454	6.523	VV	441	10215	0.15%	0.029%
61	6.544	6.523	6.618	VV	275	9271	0.14%	0.026%
62	6.634	6.618	6.665	VV	202	4655	0.07%	0.013%
63	6.691	6.665	6.758	VV	1601	23935	0.36%	0.067%
64	6.771	6.758	6.812	VV	150	4158	0.06%	0.012%
65	6.856	6.812	6.904	VV	309	10875	0.16%	0.031%
66	6.928	6.904	6.998	VV	1423	19263	0.29%	0.054%
67	7.009	6.998	7.041	VV	104	2039	0.03%	0.006%
68	7.051	7.041	7.083	VV	104	1708	0.03%	0.005%
69	7.117	7.083	7.154	VV	147	3857	0.06%	0.011%
70	7.180	7.154	7.217	VV	116	3296	0.05%	0.009%
71	7.231	7.217	7.238	VV	61	856	0.01%	0.002%
72	7.244	7.238	7.253	VV	106	620	0.01%	0.002%
73	7.266	7.253	7.298	VV	112	2213	0.03%	0.006%
74	7.318	7.298	7.335	VV	358	4726	0.07%	0.013%
75	7.352	7.335	7.373	VV	633	9597	0.14%	0.027%
76	7.380	7.373	7.393	VV	442	4711	0.07%	0.013%
77	7.400	7.393	7.420	VV	372	4692	0.07%	0.013%
78	7.427	7.420	7.485	VV	201	5460	0.08%	0.015%
79	7.496	7.485	7.510	VV	172	2080	0.03%	0.006%
80	7.527	7.510	7.551	VV	792	9198	0.14%	0.026%
81	7.561	7.551	7.572	VV	131	1422	0.02%	0.004%
82	7.583	7.572	7.645	VV	129	2772	0.04%	0.008%
83	7.673	7.645	7.745	VV	322	6412	0.10%	0.018%
84	7.807	7.745	7.845	VV	140	3588	0.05%	0.010%
85	7.869	7.845	7.886	PV	118	1813	0.03%	0.005%
86	7.896	7.886	7.915	VV	80	947	0.01%	0.003%
87	7.931	7.915	7.965	VV	120	2504	0.04%	0.007%
88	7.972	7.965	7.984	VV	53	465	0.01%	0.001%
89	7.995	7.984	8.005	PV	62	475	0.01%	0.001%

90	8.027	8.005	8.077	VV	498	7311	0.11%	0.021%
91	8.236	8.201	8.252	VV	403	8732	0.13%	0.025%
92	8.271	8.252	8.285	VV	937	11380	0.17%	0.032%
93	8.296	8.285	8.402	VV	655	12222	0.18%	0.034%
94	8.409	8.402	8.445	VV	124	2706	0.04%	0.008%
95	8.462	8.445	8.488	VV	216	3698	0.06%	0.010%
96	8.514	8.488	8.555	VV	153	4716	0.07%	0.013%
97	8.588	8.555	8.612	VV	494	9038	0.13%	0.025%
98	8.632	8.612	8.642	VV	440	5495	0.08%	0.015%
99	8.662	8.642	8.680	VV	878	13876	0.21%	0.039%
100	8.696	8.680	8.737	VV	812	17223	0.26%	0.048%
101	8.752	8.737	8.788	VV	203	4743	0.07%	0.013%
102	8.813	8.788	8.861	VV	354	8113	0.12%	0.023%
103	8.881	8.861	8.895	VV	110	1919	0.03%	0.005%
104	8.927	8.895	8.962	VV	412	7323	0.11%	0.021%
105	9.094	9.085	9.121	VV	243	4123	0.06%	0.012%
106	9.135	9.121	9.149	VV	263	3205	0.05%	0.009%
107	9.172	9.149	9.222	VV	698	12288	0.18%	0.035%
108	9.261	9.222	9.282	VV	173	4254	0.06%	0.012%
109	9.307	9.282	9.362	VV	649	11584	0.17%	0.033%
110	9.426	9.362	9.507	VV	1403	32604	0.49%	0.092%
111	9.530	9.507	9.541	PV	287	3410	0.05%	0.010%
112	9.556	9.541	9.605	VV	481	8498	0.13%	0.024%
113	9.626	9.605	9.658	VV	514	6643	0.10%	0.019%
114	9.682	9.658	9.692	VV	118	1456	0.02%	0.004%
115	9.721	9.692	9.735	VV	182	2425	0.04%	0.007%
116	9.744	9.735	9.757	VV	74	1187	0.02%	0.003%
117	9.774	9.757	9.800	VV	178	2447	0.04%	0.007%
118	9.826	9.800	9.848	VV	168	2019	0.03%	0.006%
119	9.877	9.848	9.892	VV	436	8506	0.13%	0.024%
120	9.911	9.892	9.939	VV	540	10706	0.16%	0.030%
121	9.969	9.939	9.993	VV	270	6899	0.10%	0.019%
122	10.010	9.993	10.067	VV	395	9030	0.13%	0.025%
123	10.079	10.067	10.086	VV	185	1621	0.02%	0.005%
124	10.095	10.086	10.132	VV	157	2952	0.04%	0.008%
125	10.184	10.132	10.235	VV	66063	680678	10.14%	1.914%
126	10.250	10.235	10.290	VV	461	6252	0.09%	0.018%
127	10.315	10.290	10.387	VV	470	8683	0.13%	0.024%
128	10.420	10.387	10.442	VV	319	5576	0.08%	0.016%
129	10.482	10.442	10.527	PV	303	5628	0.08%	0.016%
130	10.543	10.527	10.558	VV	245	2584	0.04%	0.007%
131	10.573	10.558	10.623	VV	404	5251	0.08%	0.015%
132	10.662	10.623	10.690	VV	6101	64457	0.96%	0.181%
133	10.707	10.690	10.728	VV	245	3690	0.05%	0.010%
134	10.757	10.728	10.788	VV	344	7417	0.11%	0.021%
135	10.801	10.788	10.848	VV	142	3898	0.06%	0.011%
136	10.866	10.848	10.915	VV	162	3565	0.05%	0.010%
137	10.945	10.915	10.975	VV	224	4899	0.07%	0.014%
138	10.982	10.975	10.998	VV	155	1736	0.03%	0.005%
139	11.014	10.998	11.035	VV	504	6528	0.10%	0.018%
140	11.061	11.035	11.097	VV	341	6815	0.10%	0.019%
141	11.133	11.097	11.145	VV	457	9354	0.14%	0.026%

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142	11.163	11.145	11.183	VV	705	12016	0.18%	0.034%
143	11.195	11.183	11.232	VV	421	8694	0.13%	0.024%
144	11.256	11.232	11.268	VV	402	5745	0.09%	0.016%
145	11.282	11.268	11.302	VV	346	5762	0.09%	0.016%
146	11.344	11.302	11.428	VV	4124	89205	1.33%	0.251%
147	11.435	11.428	11.473	VV	521	10011	0.15%	0.028%
148	11.515	11.473	11.558	VV	372	13541	0.20%	0.038%
149	11.572	11.558	11.592	VV	230	3111	0.05%	0.009%
150	11.627	11.592	11.642	VV	174	3652	0.05%	0.010%
151	11.652	11.642	11.668	PV	89	1005	0.01%	0.003%
152	11.700	11.668	11.722	VV	492	7207	0.11%	0.020%
153	11.743	11.722	11.753	VV	402	4594	0.07%	0.013%
154	11.771	11.753	11.822	VV	637	11461	0.17%	0.032%
155	11.851	11.822	11.904	VV	828	18792	0.28%	0.053%
156	11.934	11.904	11.950	VV	418	9225	0.14%	0.026%
157	11.964	11.950	11.991	VV	491	7742	0.12%	0.022%
158	12.017	11.991	12.030	VV	288	4568	0.07%	0.013%
159	12.099	12.030	12.147	VV	607327	6710516	100.00%	18.867%
160	12.193	12.147	12.211	VV	785	17672	0.26%	0.050%
161	12.228	12.211	12.239	VV	670	8378	0.12%	0.024%
162	12.246	12.239	12.275	VV	577	7216	0.11%	0.020%
163	12.307	12.275	12.337	VV	232	4809	0.07%	0.014%
164	12.348	12.337	12.356	VV	92	522	0.01%	0.001%
165	12.385	12.356	12.400	VV	155	2834	0.04%	0.008%
166	12.444	12.400	12.466	VV	464	10080	0.15%	0.028%
167	12.503	12.466	12.520	VV	599	13912	0.21%	0.039%
168	12.551	12.520	12.638	VV	2040	72494	1.08%	0.204%
169	12.662	12.638	12.670	VV	655	11255	0.17%	0.032%
170	12.698	12.670	12.797	VV	73208	925596	13.79%	2.602%
171	12.811	12.797	12.884	VV	1259	41869	0.62%	0.118%
172	12.900	12.884	12.942	VV	735	16906	0.25%	0.048%
173	12.965	12.942	12.994	VV	299	7855	0.12%	0.022%
174	13.029	12.994	13.064	VV	666	14779	0.22%	0.042%
175	13.090	13.064	13.114	VV	893	14997	0.22%	0.042%
176	13.126	13.114	13.131	VV	346	3297	0.05%	0.009%
177	13.175	13.131	13.228	VV	2008	50756	0.76%	0.143%
178	13.240	13.228	13.269	VV	301	4978	0.07%	0.014%
179	13.290	13.269	13.331	VV	333	8624	0.13%	0.024%
180	13.350	13.331	13.374	VV	261	4414	0.07%	0.012%
181	13.383	13.374	13.393	VV	127	1409	0.02%	0.004%
182	13.457	13.393	13.475	VV	1153	21028	0.31%	0.059%
183	13.544	13.475	13.613	VV	467483	5669897	84.49%	15.941%
184	13.652	13.613	13.678	VV	413	7775	0.12%	0.022%
185	13.708	13.678	13.734	VV	817	13371	0.20%	0.038%
186	13.761	13.734	13.779	VV	939	18116	0.27%	0.051%
187	13.798	13.779	13.878	VV	888	40196	0.60%	0.113%
188	13.901	13.878	13.924	VV	1441	25954	0.39%	0.073%
189	13.942	13.924	14.017	VV	7271	118543	1.77%	0.333%
190	14.043	14.017	14.094	VV	1070	26570	0.40%	0.075%
191	14.106	14.094	14.134	VV	358	6536	0.10%	0.018%
192	14.158	14.134	14.180	VV	454	8195	0.12%	0.023%
193	14.249	14.180	14.278	VV	3757	54395	0.81%	0.153%
194	14.297	14.278	14.350	VV	629	15992	0.24%	0.045%

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195	14.380	14.350	14.407	VV	320	6499	0.10%	0.018%
196	14.432	14.407	14.463	VV	262	4478	0.07%	0.013%
197	14.481	14.463	14.509	VV	139	2131	0.03%	0.006%
198	14.551	14.509	14.605	VV	272	8017	0.12%	0.023%
199	14.636	14.605	14.668	VV	2409	32597	0.49%	0.092%
200	14.699	14.668	14.721	VV	3429	51643	0.77%	0.145%
201	14.738	14.721	14.768	VV	1786	24962	0.37%	0.070%
202	14.786	14.768	14.815	VV	333	6212	0.09%	0.017%
203	14.819	14.815	14.833	VV	208	1279	0.02%	0.004%
204	14.869	14.833	14.889	VV	1414	21465	0.32%	0.060%
205	14.905	14.889	14.946	VV	931	18969	0.28%	0.053%
206	14.967	14.946	15.002	VV	489	10356	0.15%	0.029%
207	15.022	15.002	15.054	VV	476	7436	0.11%	0.021%
208	15.085	15.054	15.126	PV	911	13561	0.20%	0.038%
209	15.177	15.126	15.235	PV	1405	36732	0.55%	0.103%
210	15.254	15.235	15.281	VV	532	9154	0.14%	0.026%
211	15.301	15.281	15.322	VV	189	3234	0.05%	0.009%
212	15.368	15.322	15.384	VV	1769	33168	0.49%	0.093%
213	15.407	15.384	15.431	VV	1799	30977	0.46%	0.087%
214	15.454	15.431	15.494	VV	1738	22143	0.33%	0.062%
215	15.530	15.494	15.564	PV	275	6251	0.09%	0.018%
216	15.599	15.564	15.627	VV	312	6019	0.09%	0.017%
217	15.651	15.627	15.673	PV	317	4195	0.06%	0.012%
218	15.683	15.673	15.687	VV	65	490	0.01%	0.001%
219	15.707	15.687	15.746	VV	205	4584	0.07%	0.013%
220	15.791	15.746	15.878	VV	22731	370943	5.53%	1.043%
221	15.884	15.878	15.905	VV	217	2765	0.04%	0.008%
222	15.934	15.905	15.971	VV	2973	52119	0.78%	0.147%
223	16.013	15.971	16.042	VV	2043	33191	0.49%	0.093%
224	16.064	16.042	16.128	VV	546	8419	0.13%	0.024%
225	16.180	16.128	16.228	PV	225	5779	0.09%	0.016%
226	16.251	16.228	16.280	VV	640	9213	0.14%	0.026%
227	16.312	16.280	16.342	VV	803	14181	0.21%	0.040%
228	16.352	16.342	16.373	VV	263	3278	0.05%	0.009%
229	16.436	16.373	16.482	VV	2967	44553	0.66%	0.125%
230	16.501	16.482	16.532	VV	737	10109	0.15%	0.028%
231	16.573	16.532	16.590	VV	143	2543	0.04%	0.007%
232	16.629	16.590	16.657	PV	538	8537	0.13%	0.024%
233	16.753	16.657	16.772	VV	343	10487	0.16%	0.029%
234	16.812	16.772	16.855	VV	4068	71912	1.07%	0.202%
235	16.887	16.855	16.899	VV	1018	18278	0.27%	0.051%
236	16.923	16.899	16.971	VV	4102	63919	0.95%	0.180%
237	17.005	16.971	17.026	PV	838	14388	0.21%	0.040%
238	17.054	17.026	17.104	VV	10089	137970	2.06%	0.388%
239	17.123	17.104	17.145	VV	670	8514	0.13%	0.024%
240	17.191	17.145	17.213	PV	389	7934	0.12%	0.022%
241	17.242	17.213	17.272	VV	1193	17937	0.27%	0.050%
242	17.299	17.272	17.340	VV	894	16952	0.25%	0.048%
243	17.393	17.340	17.417	VV	3729	51901	0.77%	0.146%
244	17.444	17.417	17.502	VV	7064	111136	1.66%	0.312%
245	17.598	17.502	17.625	PV	282	4600	0.07%	0.013%
246	17.639	17.625	17.649	VV	109	1213	0.02%	0.003%

rteres

247	17.691	17.649	17.698	PV	144	2401	0.04%	0.007%
248	17.761	17.698	17.809	VV	1956	45182	0.67%	0.127%
249	17.846	17.809	17.887	VV	5709	84721	1.26%	0.238%
250	17.934	17.887	17.958	VV	1136	18629	0.28%	0.052%
251	18.009	17.958	18.044	VV	663	19065	0.28%	0.054%
252	18.076	18.044	18.107	VV	620	11510	0.17%	0.032%
253	18.169	18.107	18.190	PV	660	14412	0.21%	0.041%
254	18.241	18.190	18.260	VV	1903	38721	0.58%	0.109%
255	18.287	18.260	18.315	VV	5099	77904	1.16%	0.219%
256	18.377	18.315	18.428	VV	3541	96920	1.44%	0.272%
257	18.449	18.428	18.458	VV	803	13244	0.20%	0.037%
258	18.526	18.458	18.577	VV	1538	69289	1.03%	0.195%
259	18.648	18.577	18.691	VV	12724	298985	4.46%	0.841%
260	18.713	18.691	18.754	VV	7156	113425	1.69%	0.319%
261	18.809	18.754	18.832	PV	1526	26398	0.39%	0.074%
262	18.843	18.832	18.865	VV	509	5836	0.09%	0.016%
263	18.930	18.865	18.952	PV	771	12214	0.18%	0.034%
264	19.037	18.952	19.048	VV	553	17325	0.26%	0.049%
265	19.073	19.048	19.088	VV	839	15928	0.24%	0.045%
266	19.124	19.088	19.175	VV	5071	99858	1.49%	0.281%
267	19.226	19.175	19.275	VV	3515	99056	1.48%	0.279%
268	19.291	19.275	19.305	VV	1267	21078	0.31%	0.059%
269	19.340	19.305	19.359	VV	1279	36462	0.54%	0.103%
270	19.433	19.359	19.442	VV	2156	80224	1.20%	0.226%
271	19.485	19.442	19.510	VV	13521	287048	4.28%	0.807%
272	19.529	19.510	19.575	VV	8425	225047	3.35%	0.633%
273	19.616	19.575	19.644	VV	5003	165018	2.46%	0.464%
274	19.670	19.644	19.692	VV	4567	114917	1.71%	0.323%
275	19.725	19.692	19.748	VV	4094	126038	1.88%	0.354%
276	19.778	19.748	19.806	VV	4565	133608	1.99%	0.376%
277	19.829	19.806	19.847	VV	3765	86775	1.29%	0.244%
278	19.914	19.847	19.940	VV	7051	247998	3.70%	0.697%
279	19.986	19.940	20.000	VV	6520	183690	2.74%	0.516%
280	20.022	20.000	20.054	VV	7113	194587	2.90%	0.547%
281	20.096	20.054	20.123	VV	6389	239829	3.57%	0.674%
282	20.205	20.123	20.229	VV	6951	387153	5.77%	1.089%
283	20.278	20.229	20.315	VV	12836	469612	7.00%	1.320%
284	20.326	20.315	20.335	VV	7245	87805	1.31%	0.247%
285	20.349	20.335	20.362	VV	7125	110222	1.64%	0.310%
286	20.392	20.362	20.407	VV	7846	201381	3.00%	0.566%
287	20.477	20.407	20.490	VV	8865	396797	5.91%	1.116%
288	20.554	20.490	20.577	VV	10538	510495	7.61%	1.435%
289	20.657	20.577	20.686	VV	13234	738086	11.00%	2.075%
290	20.709	20.686	20.722	VV	12006	253208	3.77%	0.712%
291	20.775	20.722	20.802	VV	12749	592992	8.84%	1.667%
292	20.827	20.802	20.854	VV	13595	393824	5.87%	1.107%
293	20.930	20.854	20.966	VV	12142	807097	12.03%	2.269%
294	21.032	20.966	21.073	VV	12666	773697	11.53%	2.175%
295	21.087	21.073	21.110	VV	11289	249618	3.72%	0.702%
296	21.152	21.110	21.201	VV	11810	614917	9.16%	1.729%
297	21.296	21.201	21.422	VV	15779	1647920	24.56%	4.633%
298	21.450	21.422	21.500	VV	9946	438716	6.54%	1.233%
299	21.530	21.500	21.552	VV	8904	271724	4.05%	0.764%

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300	21.573	21.552	21.642	VV	8868	442431	6.59%	1.244%
301	21.652	21.642	21.688	VV	7203	189379	2.82%	0.532%
302	21.715	21.688	21.742	VV	6427	201055	3.00%	0.565%
303	21.775	21.742	21.789	VV	6328	175995	2.62%	0.495%
304	21.828	21.789	21.841	VV	6327	192404	2.87%	0.541%
305	21.857	21.841	21.905	VV	6192	228823	3.41%	0.643%
306	21.914	21.905	21.948	VV	5839	145090	2.16%	0.408%
307	21.969	21.948	21.977	VV	5408	91210	1.36%	0.256%
308	21.988	21.977	22.017	VV	5362	124446	1.85%	0.350%
309	22.047	22.017	22.094	VV	4917	214947	3.20%	0.604%
310	22.124	22.094	22.152	VV	4196	141599	2.11%	0.398%
311	22.234	22.152	22.379	VV	3762	412371	6.15%	1.159%
312	22.395	22.379	22.404	VV	1671	23641	0.35%	0.066%
313	22.451	22.404	22.492	VV	1591	77855	1.16%	0.219%
314	22.497	22.492	22.518	VV	1129	15992	0.24%	0.045%
315	22.535	22.518	22.554	VV	839	16315	0.24%	0.046%
316	22.576	22.554	22.602	VBA	526	42539	0.63%	0.120%

Sum of corrected areas: 35567249

Aliphatic EPH 061325.M Tue Jul 08 06:15:34 2025

CALIBRATION SUMMARY

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

Inital Calibration Report for SequenceID : FG061325AL

AreaCount

Parameter Range	FG016071.D	FG016072.D	FG016073.D	FG016074.D	FG016075.D	
Aliphatic C9-C12	31187111.000	16030205.000	6399100.000	3273415.000	1801158.000	
Aliphatic C12-C16	21347944.000	10942901.000	4353077.000	2229026.000	1226761.000	
Aliphatic C16-C21	32827684.000	16845928.000	6678934.000	3420442.000	1880042.000	
Aliphatic C21-C28	43338555.000	22406907.000	8923987.000	4573238.000	2513785.000	
Aliphatic C28-C40	50822649.000	26534359.000	10867391.000	5588296.000	3093801.000	
Aliphatic EPH	179523943.000	92760300.000	37222489.000	19084417.000	10515547.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	109333.5539996	5.742				
Aliphatic C12-C16	111824.611	5.629				
Aliphatic C16-C21	114479.6466662	5.496				
Aliphatic C21-C28	114390.192	5.829				
Aliphatic C28-C40	91995.767333	7.551				
Aliphatic EPH	105812.4553328	6.196				

Concentration

Parameter Range	FG016071.D	FG016072.D	FG016073.D	FG016074.D	FG016075.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	FG016071.D	FG016072.D	FG016073.D	FG016074.D	FG016075.D	
Aliphatic C9-C12	103957.036666	106868.033333	106651.666666	109113.833333	120077.200000	
Aliphatic C12-C16	106739.720000	109429.010000	108826.925000	111451.300000	122676.100000	
Aliphatic C16-C21	109425.613333	112306.186666	111315.566666	114014.733333	125336.133333	

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

Inital Calibration Report for SequenceID : FG061325AL

Aliphatic C21-C28	108346.387500	112034.535000	111549.837500	114330.950000	125689.250000	
Aliphatic C28-C40	84704.415000	88447.863333	90561.591666	93138.266666	103126.700000	
Aliphatic EPH	99735.523888	103067.000000	103395.802777	106024.538888	116839.411111	

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
Data File : FG016071.D
Signal(s) : FID1A.ch
Acq On : 13 Jun 2025 14:05
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Jun 16 06:40:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:39:56 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)	12.102	12319256	98.060 ug/ml
Spiked Amount	50.000		Recovery =	196.12%
12) S	1-chlorooctadecane (S...	13.541	9625924	98.129 ug/ml
Spiked Amount	50.000		Recovery =	196.26%
	Target Compounds			
1) T	n-Nonane (C9)	3.424	10265834	97.267 ug/ml
2) T	n-Decane (C10)	4.684	10421015	97.345 ug/ml
3) T	A~Naphthalene (C11.7)	6.401	11351238	97.258 ug/ml
4) T	n-Dodecane (C12)	6.863	10500262	97.805 ug/ml
5) T	A~2-methylnaphthalene...	7.504	11069941	97.522 ug/ml
6) T	n-Tetradecane (C14)	8.702	10460547	97.915 ug/ml
7) T	n-Hexadecane (C16)	10.321	10887397	98.243 ug/ml
8) T	n-Octadecane (C18)	11.776	11131441	98.379 ug/ml
10) T	n-Eicosane (C20)	13.093	10887120	98.345 ug/ml
11) T	n-Heneicosane (C21)	13.709	10809123	98.180 ug/ml
13) T	n-Docosane (C22)	14.299	10847807	98.085 ug/ml
14) T	n-Tetracosane (C24)	15.408	10956206	97.496 ug/ml
15) T	n-Hexacosane (C26)	16.436	10874105	96.775 ug/ml
16) T	n-Octacosane (C28)	17.391	10660437	96.159 ug/ml
17) T	n-Tricontane (C30)	18.282	10619759	94.655 ug/ml
18) T	n-Dotriacontane (C32)	19.119	10002723	93.329 ug/ml
19) T	n-Tetratriacontane (C34)	19.905	9047304	92.873 ug/ml
20) T	n-Hexatriacontane (C36)	20.646	7775206	92.817 ug/ml
21) T	n-Octatriacontane (C38)	21.437	6940056	93.207 ug/ml
22) T	n-Tetracontane (C40)	22.443	6437601	94.181 ug/ml

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

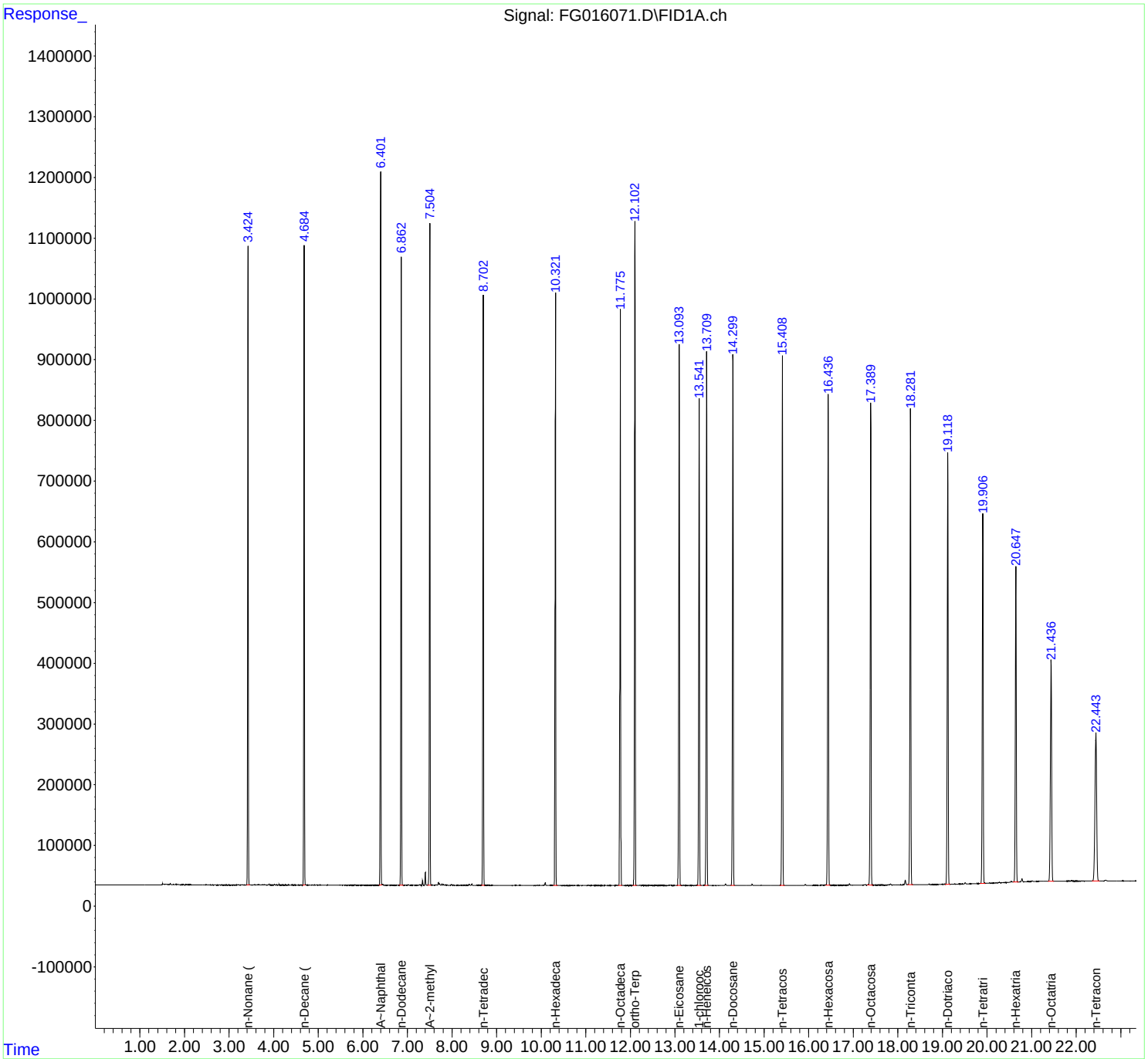
Quantitation Report (QT Reviewed)

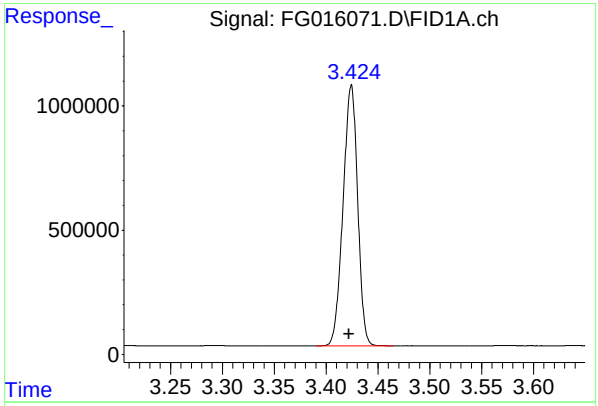
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
Data File : FG016071.D
Signal(s) : FID1A.ch
Acq On : 13 Jun 2025 14:05
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Jun 16 06:40:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:39:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

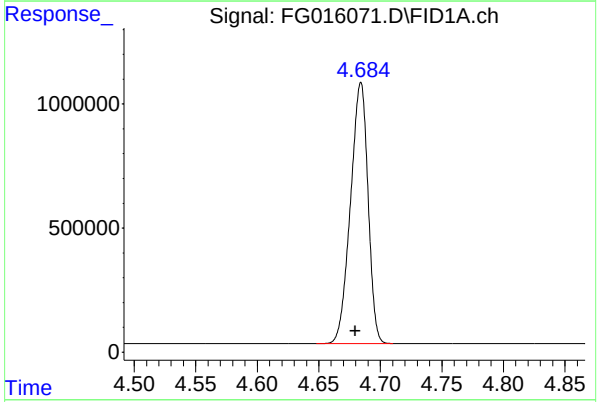




#1 n-Nonane (C9)

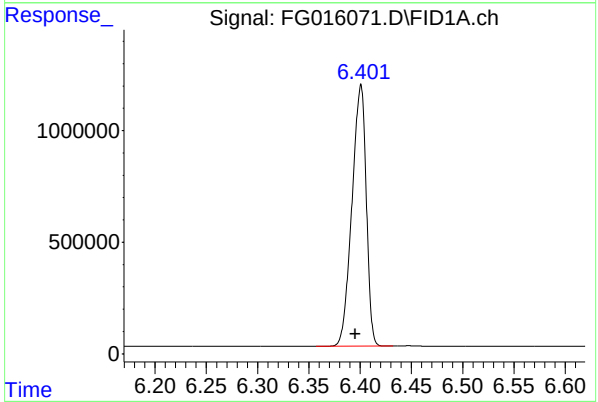
R.T.: 3.424 min
Delta R.T.: 0.002 min
Response: 10265834
Conc: 97.27 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



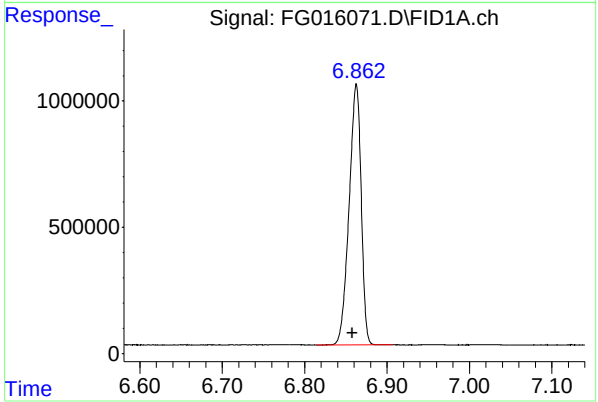
#2 n-Decane (C10)

R.T.: 4.684 min
Delta R.T.: 0.004 min
Response: 10421015
Conc: 97.34 ug/ml



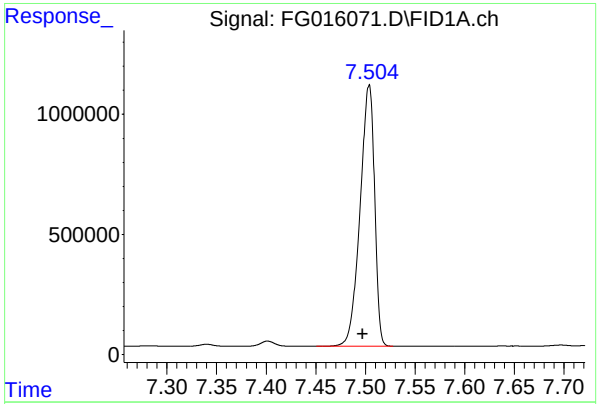
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.005 min
Response: 11351238
Conc: 97.26 ug/ml



#4 n-Dodecane (C12)

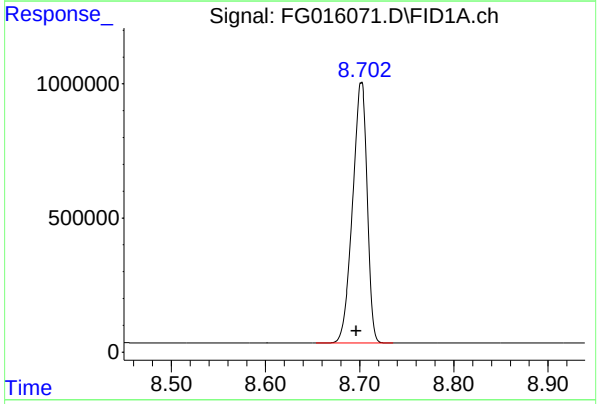
R.T.: 6.863 min
Delta R.T.: 0.005 min
Response: 10500262
Conc: 97.80 ug/ml



#5 A~2-methylnaphthalene (C12.89)

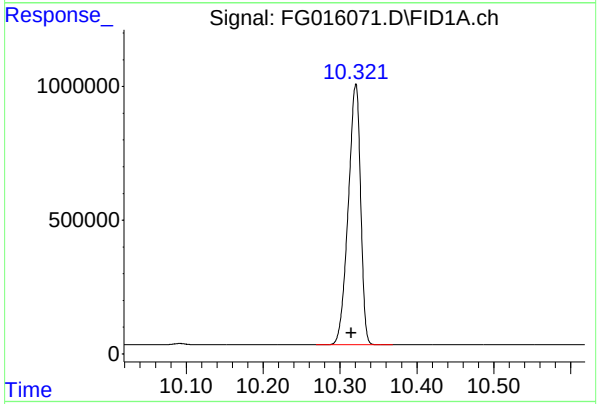
R.T.: 7.504 min
Delta R.T.: 0.006 min
Response: 11069941
Conc: 97.52 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



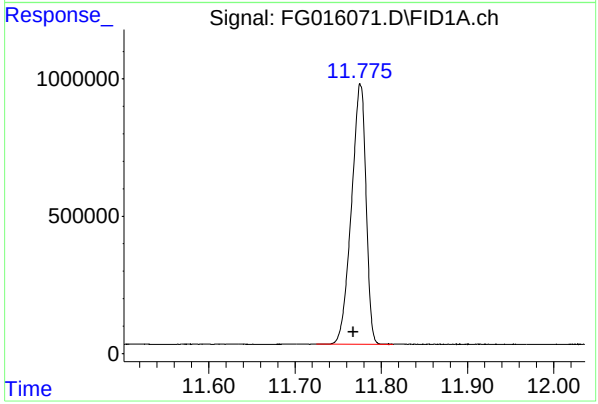
#6 n-Tetradecane (C14)

R.T.: 8.702 min
Delta R.T.: 0.005 min
Response: 10460547
Conc: 97.92 ug/ml



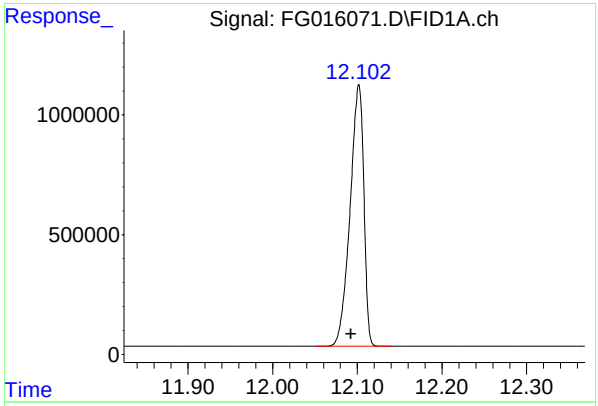
#7 n-Hexadecane (C16)

R.T.: 10.321 min
Delta R.T.: 0.006 min
Response: 10887397
Conc: 98.24 ug/ml



#8 n-Octadecane (C18)

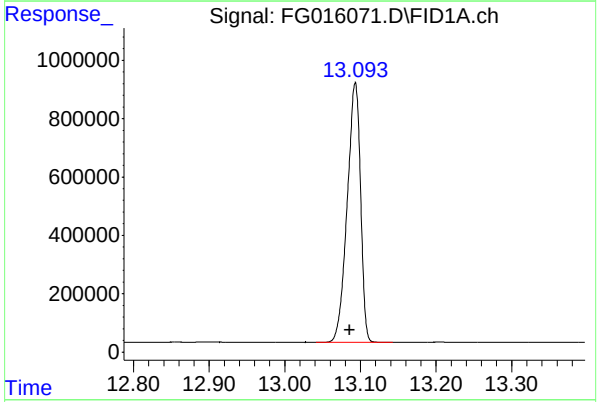
R.T.: 11.776 min
Delta R.T.: 0.009 min
Response: 11131441
Conc: 98.38 ug/ml



#9 ortho-Terphenyl (SURR)

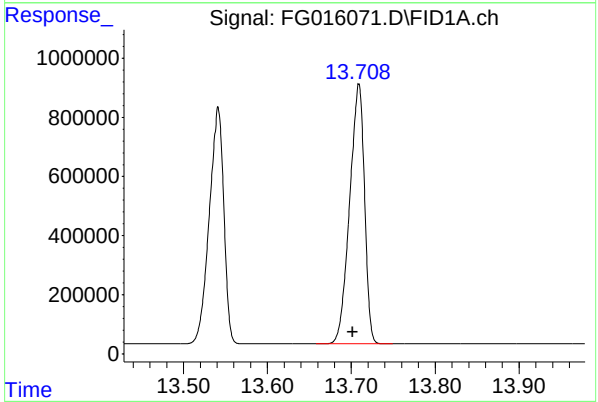
R.T.: 12.102 min
Delta R.T.: 0.009 min
Response: 12319256
Conc: 98.06 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



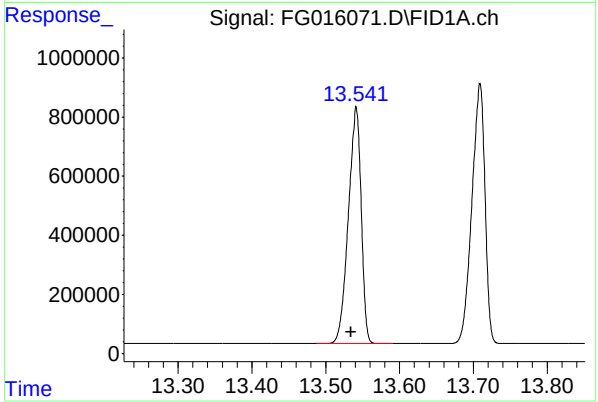
#10 n-Eicosane (C20)

R.T.: 13.093 min
Delta R.T.: 0.008 min
Response: 10887120
Conc: 98.35 ug/ml



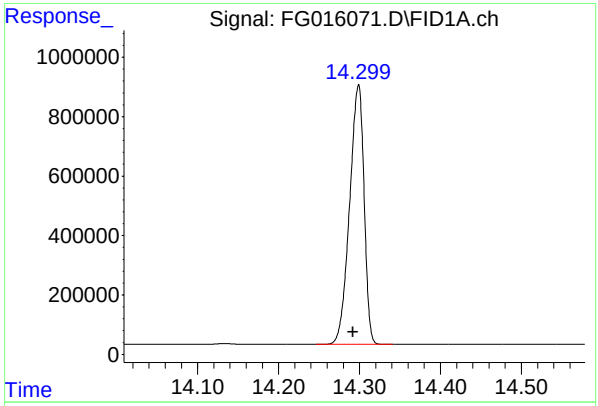
#11 n-Heneicosane (C21)

R.T.: 13.709 min
Delta R.T.: 0.008 min
Response: 10809123
Conc: 98.18 ug/ml



#12 1-chlorooctadecane (SURR)

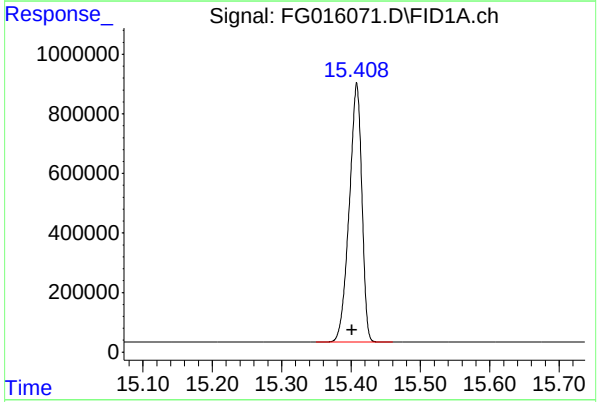
R.T.: 13.541 min
Delta R.T.: 0.007 min
Response: 9625924
Conc: 98.13 ug/ml



#13 n-Docosane (C22)

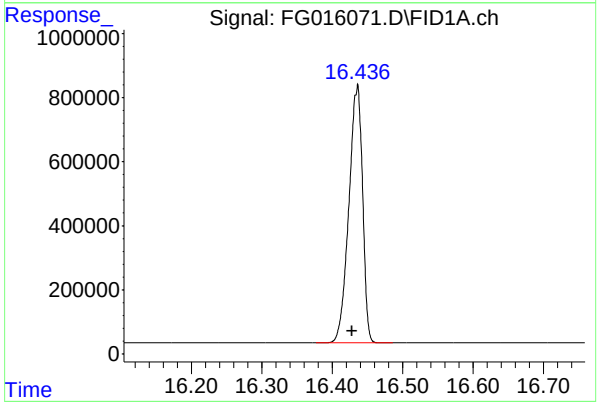
R.T.: 14.299 min
Delta R.T.: 0.007 min
Response: 10847807
Conc: 98.09 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



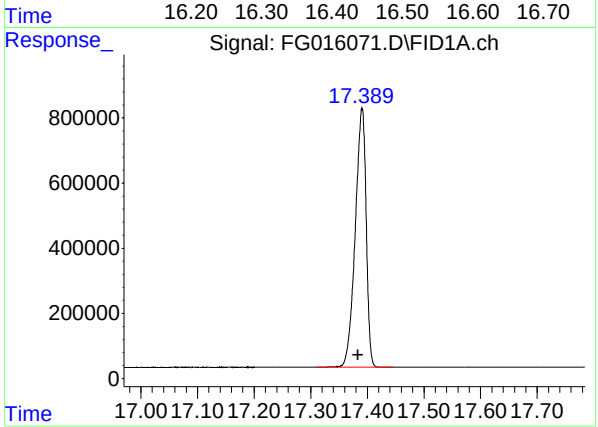
#14 n-Tetracosane (C24)

R.T.: 15.408 min
Delta R.T.: 0.007 min
Response: 10956206
Conc: 97.50 ug/ml



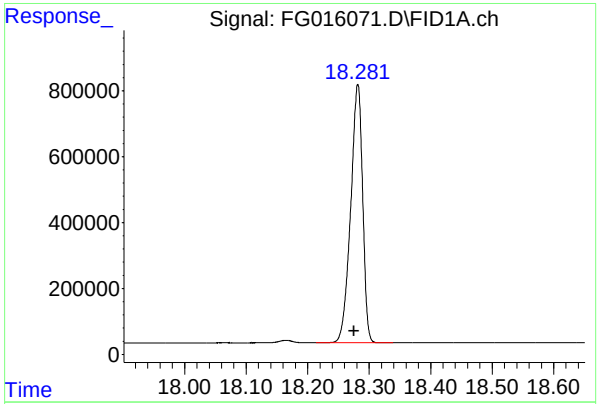
#15 n-Hexacosane (C26)

R.T.: 16.436 min
Delta R.T.: 0.008 min
Response: 10874105
Conc: 96.78 ug/ml



#16 n-Octacosane (C28)

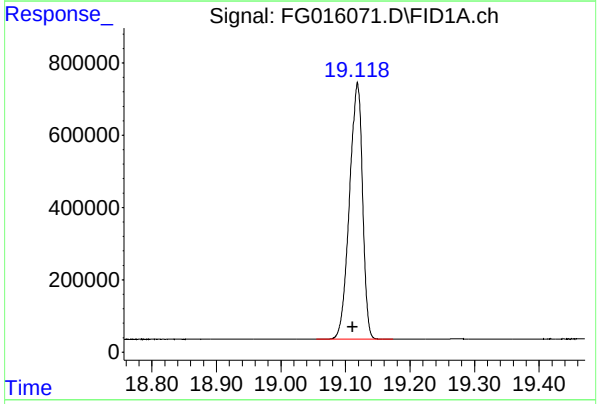
R.T.: 17.391 min
Delta R.T.: 0.007 min
Response: 10660437
Conc: 96.16 ug/ml



#17 n-Tricontane (C30)

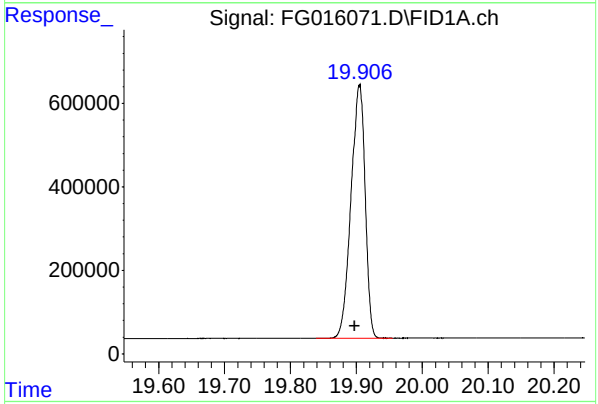
R.T.: 18.282 min
Delta R.T.: 0.007 min
Response: 10619759
Conc: 94.65 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



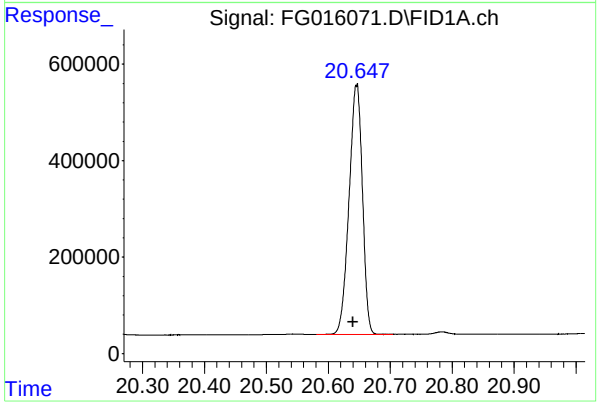
#18 n-Dotriacontane (C32)

R.T.: 19.119 min
Delta R.T.: 0.008 min
Response: 10002723
Conc: 93.33 ug/ml



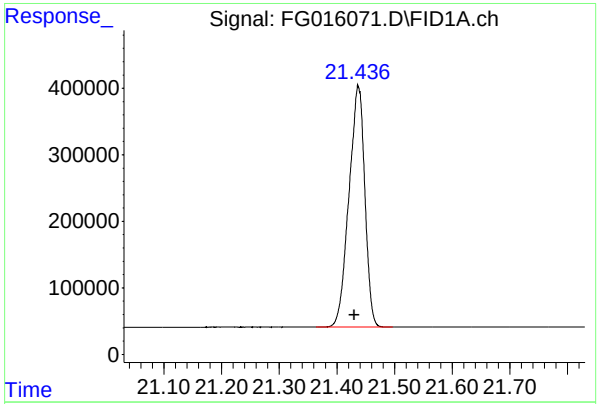
#19 n-Tetratriacontane (C34)

R.T.: 19.905 min
Delta R.T.: 0.007 min
Response: 9047304
Conc: 92.87 ug/ml



#20 n-Hexatriacontane (C36)

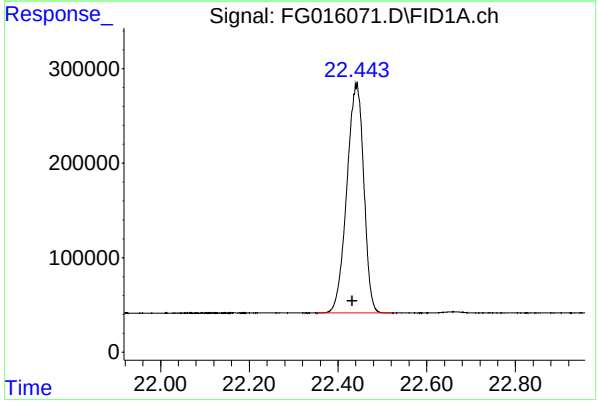
R.T.: 20.646 min
Delta R.T.: 0.006 min
Response: 7775206
Conc: 92.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.437 min
Delta R.T.: 0.007 min
Response: 6940056
Conc: 93.21 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.443 min
Delta R.T.: 0.011 min
Response: 6437601
Conc: 94.18 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
Data File : FG016071.D
Signal(s) : FID1A.ch
Acq On : 13 Jun 2025 14:05
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.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	3.424	3.390	3.465	BB	1052357	10265834	83.33%	4.585%
2	4.684	4.648	4.710	BB	1053856	10421015	84.59%	4.655%
3	6.401	6.357	6.432	BV	1169744	11351238	92.14%	5.070%
4	6.863	6.814	6.907	BB	1033033	10500262	85.23%	4.690%
5	7.504	7.450	7.528	BB	1085196	11069941	89.86%	4.944%
6	8.702	8.654	8.735	BB	969591	10460547	84.91%	4.672%
7	10.321	10.269	10.369	BB	974328	10887397	88.38%	4.863%
8	11.776	11.725	11.814	BB	943511	11131441	90.36%	4.972%
9	12.102	12.051	12.142	BB	1093779	12319256	100.00%	5.502%
10	13.093	13.041	13.143	BB	888505	10887120	88.37%	4.863%
11	13.541	13.487	13.591	BB	800655	9625924	78.14%	4.299%
12	13.709	13.658	13.750	BB	879914	10809123	87.74%	4.828%
13	14.299	14.246	14.341	BB	873265	10847807	88.06%	4.845%
14	15.408	15.350	15.460	BB	869218	10956206	88.94%	4.894%
15	16.436	16.377	16.486	BB	807724	10874105	88.27%	4.857%
16	17.391	17.310	17.445	BB	793279	10660437	86.53%	4.761%
17	18.282	18.214	18.339	BB	783730	10619759	86.20%	4.743%
18	19.119	19.055	19.174	BB	710210	10002723	81.20%	4.468%
19	19.905	19.839	19.955	BB	603725	9047304	73.44%	4.041%
20	20.646	20.580	20.704	BB	514279	7775206	63.11%	3.473%
21	21.437	21.364	21.497	BB	361018	6940056	56.34%	3.100%
22	22.443	22.350	22.524	BB	244066	6437601	52.26%	2.875%

Sum of corrected areas: 223890303

Aliphatic EPH 061325.M Mon Jun 16 07:03:50 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
Data File : FG016072.D
Signal(s) : FID1A.ch
Acq On : 13 Jun 2025 14:34
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Jun 16 06:41:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:39:56 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)	12.096	6323398	50.334 ug/ml
Spiked Amount	50.000		Recovery =	100.67%
12)	S 1-chlorooctadecane (S...	13.537	4942965	50.390 ug/ml
Spiked Amount	50.000		Recovery =	100.78%
	Target Compounds			
1)	T n-Nonane (C9)	3.422	5282413	50.050 ug/ml
2)	T n-Decane (C10)	4.681	5358787	50.057 ug/ml
3)	T A~Naphthalene (C11.7)	6.397	5839682	50.034 ug/ml
4)	T n-Dodecane (C12)	6.859	5389005	50.196 ug/ml
5)	T A~2-methylnaphthalene...	7.499	5689440	50.122 ug/ml
6)	T n-Tetradecane (C14)	8.698	5364151	50.211 ug/ml
7)	T n-Hexadecane (C16)	10.317	5578750	50.340 ug/ml
8)	T n-Octadecane (C18)	11.770	5705865	50.428 ug/ml
10)	T n-Eicosane (C20)	13.088	5586554	50.464 ug/ml
11)	T n-Heneicosane (C21)	13.704	5553509	50.443 ug/ml
13)	T n-Docosane (C22)	14.295	5578784	50.443 ug/ml
14)	T n-Tetracosane (C24)	15.404	5654747	50.320 ug/ml
15)	T n-Hexacosane (C26)	16.431	5630584	50.110 ug/ml
16)	T n-Octacosane (C28)	17.386	5542792	49.997 ug/ml
17)	T n-Tricontane (C30)	18.278	5543018	49.405 ug/ml
18)	T n-Dotriacontane (C32)	19.114	5238666	48.879 ug/ml
19)	T n-Tetratriacontane (C34)	19.901	4741671	48.674 ug/ml
20)	T n-Hexatriacontane (C36)	20.644	4064127	48.516 ug/ml
21)	T n-Octatriacontane (C38)	21.434	3616216	48.567 ug/ml
22)	T n-Tetracontane (C40)	22.437	3330661	48.727 ug/ml

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

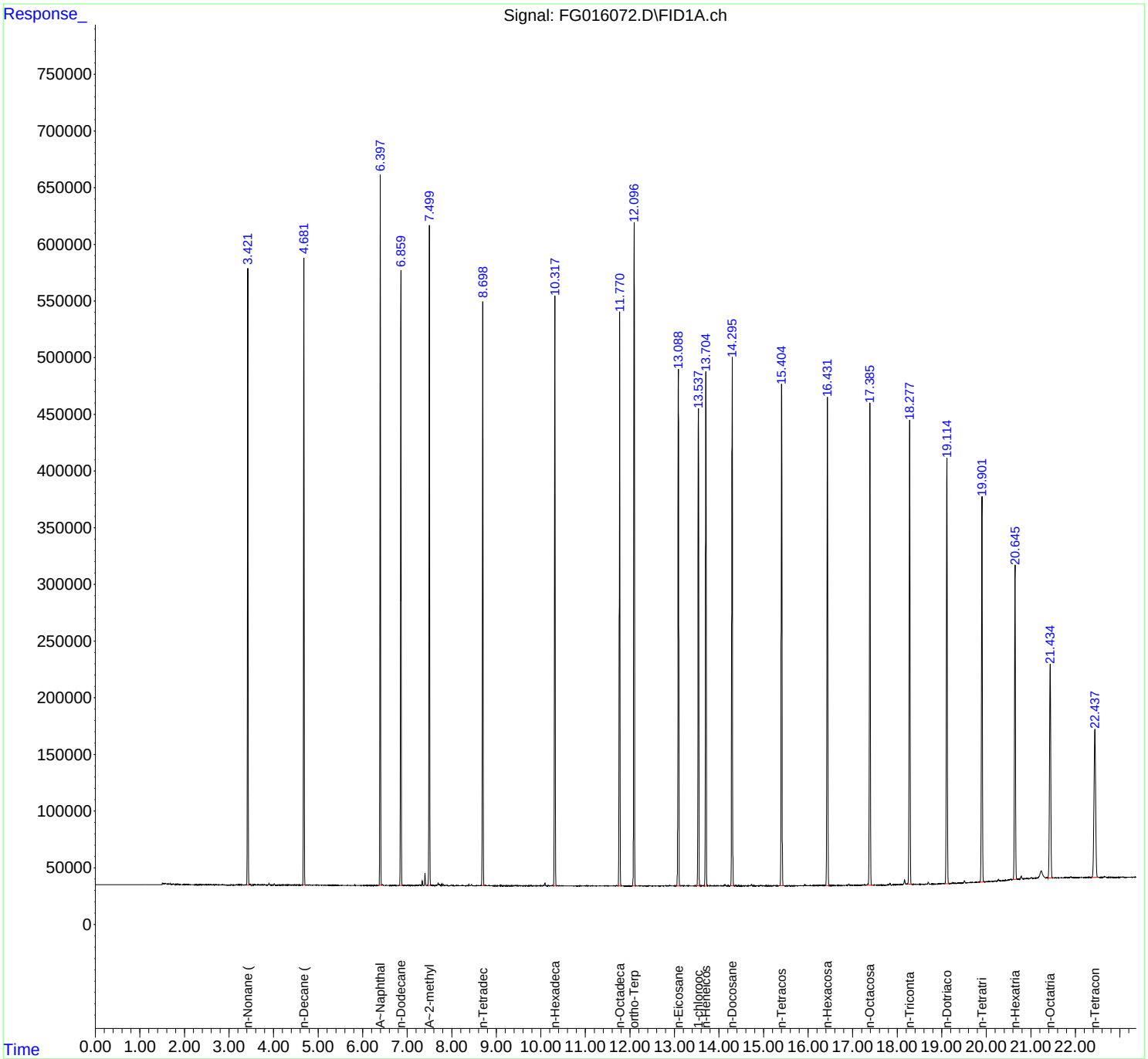
Quantitation Report (QT Reviewed)

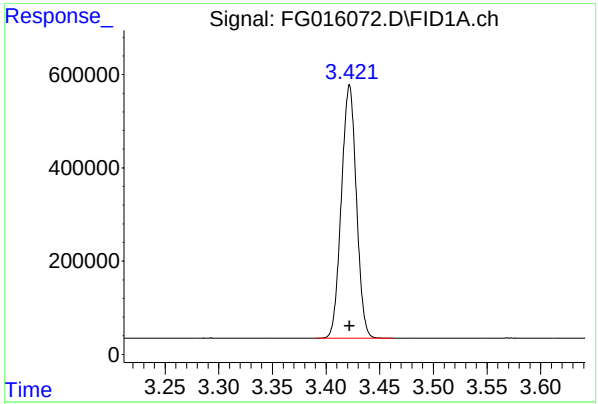
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
Data File : FG016072.D
Signal(s) : FID1A.ch
Acq On : 13 Jun 2025 14:34
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Jun 16 06:41:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:39:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

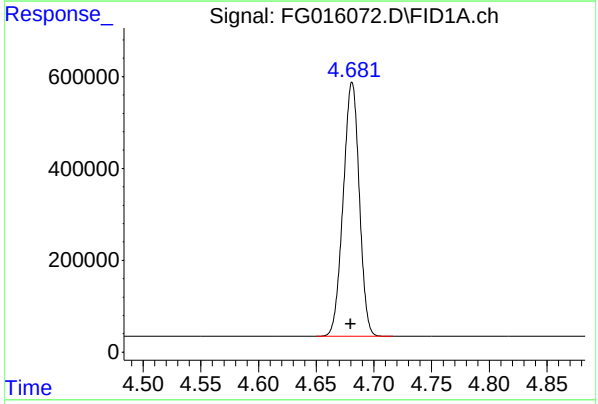




#1 n-Nonane (C9)

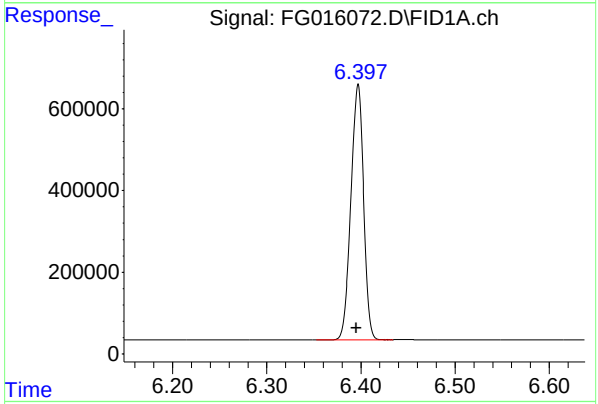
R.T.: 3.422 min
Delta R.T.: 0.000 min
Response: 5282413
Conc: 50.05 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



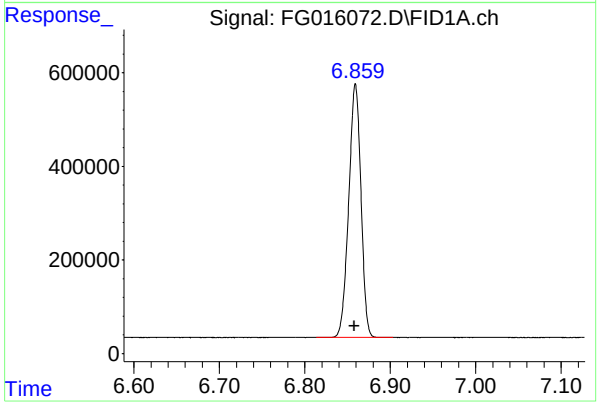
#2 n-Decane (C10)

R.T.: 4.681 min
Delta R.T.: 0.001 min
Response: 5358787
Conc: 50.06 ug/ml



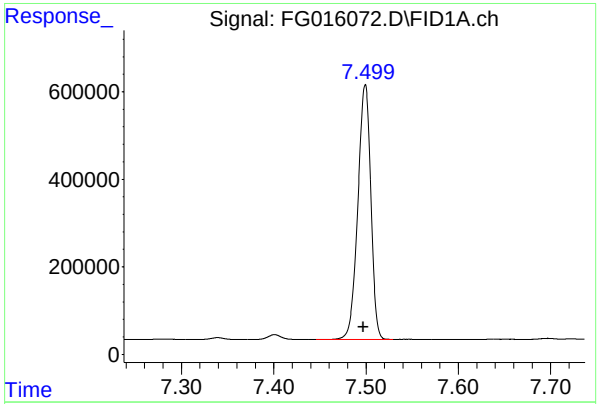
#3 A~Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: 0.002 min
Response: 5839682
Conc: 50.03 ug/ml



#4 n-Dodecane (C12)

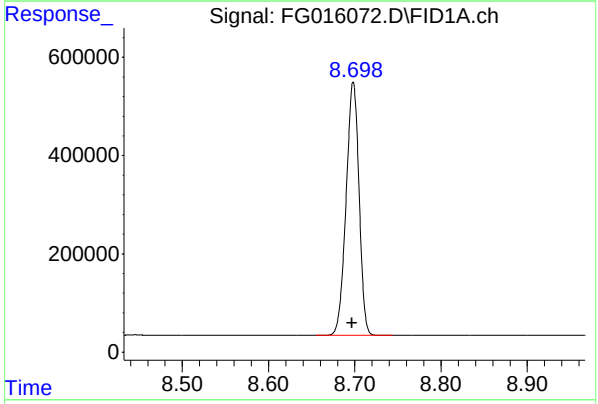
R.T.: 6.859 min
Delta R.T.: 0.001 min
Response: 5389005
Conc: 50.20 ug/ml



#5 A~2-methylnaphthalene (C12.89)

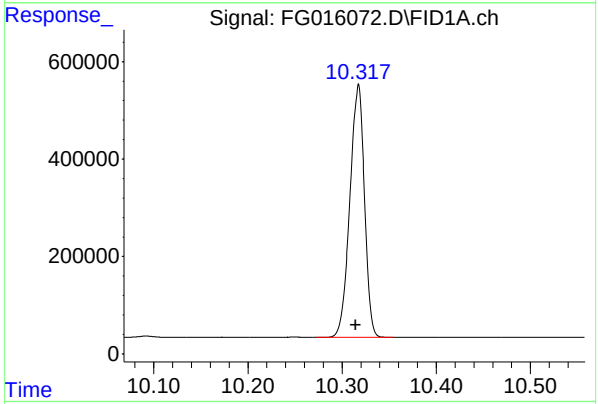
R.T.: 7.499 min
Delta R.T.: 0.002 min
Response: 5689440
Conc: 50.12 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



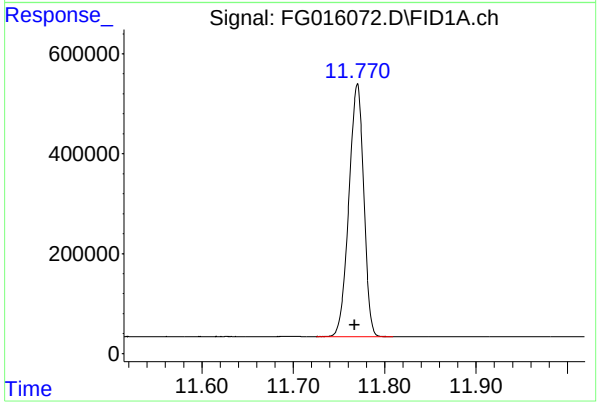
#6 n-Tetradecane (C14)

R.T.: 8.698 min
Delta R.T.: 0.002 min
Response: 5364151
Conc: 50.21 ug/ml



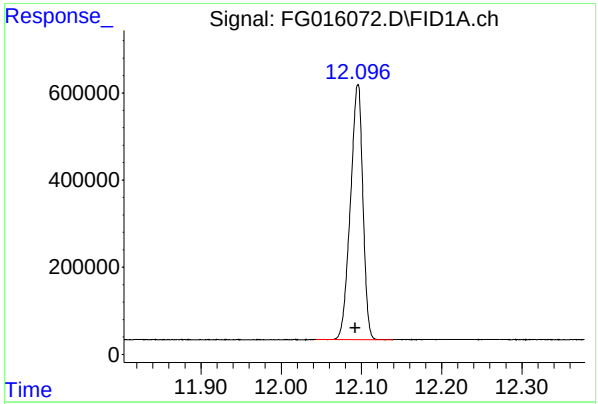
#7 n-Hexadecane (C16)

R.T.: 10.317 min
Delta R.T.: 0.003 min
Response: 5578750
Conc: 50.34 ug/ml



#8 n-Octadecane (C18)

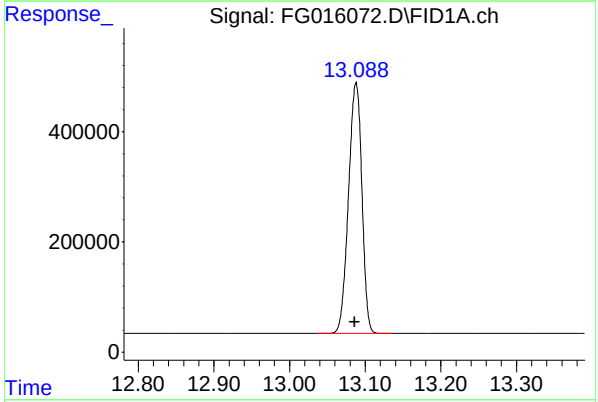
R.T.: 11.770 min
Delta R.T.: 0.003 min
Response: 5705865
Conc: 50.43 ug/ml



#9 ortho-Terphenyl (SURR)

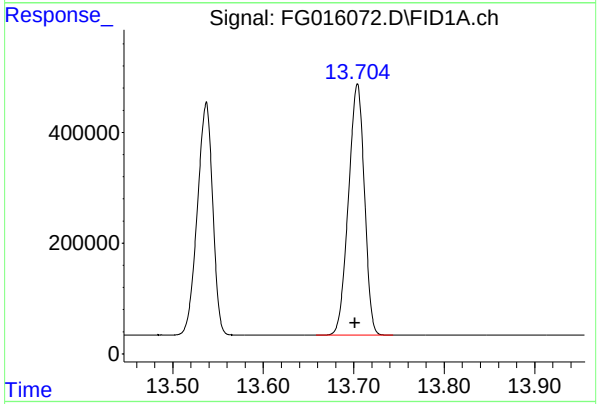
R.T.: 12.096 min
Delta R.T.: 0.003 min
Response: 6323398
Conc: 50.33 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



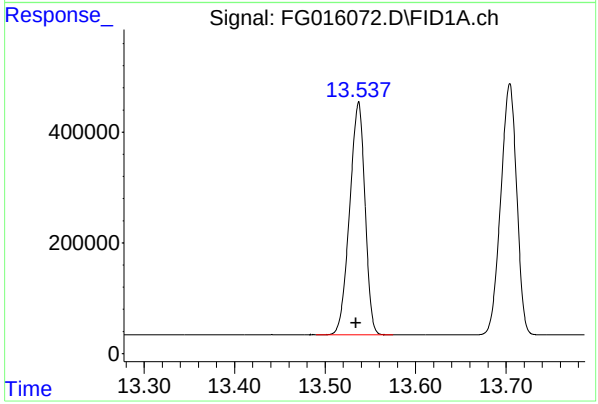
#10 n-Eicosane (C20)

R.T.: 13.088 min
Delta R.T.: 0.002 min
Response: 5586554
Conc: 50.46 ug/ml



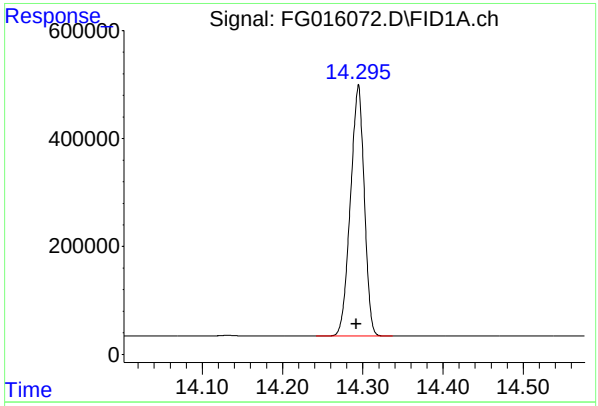
#11 n-Heneicosane (C21)

R.T.: 13.704 min
Delta R.T.: 0.003 min
Response: 5553509
Conc: 50.44 ug/ml



#12 1-chlorooctadecane (SURR)

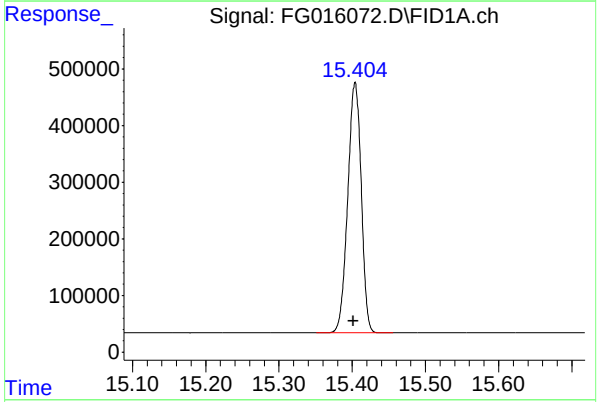
R.T.: 13.537 min
Delta R.T.: 0.003 min
Response: 4942965
Conc: 50.39 ug/ml



#13 n-Docosane (C22)

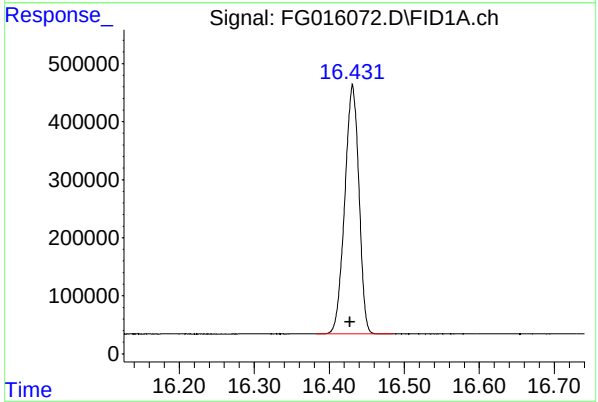
R.T.: 14.295 min
Delta R.T.: 0.003 min
Response: 5578784
Conc: 50.44 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



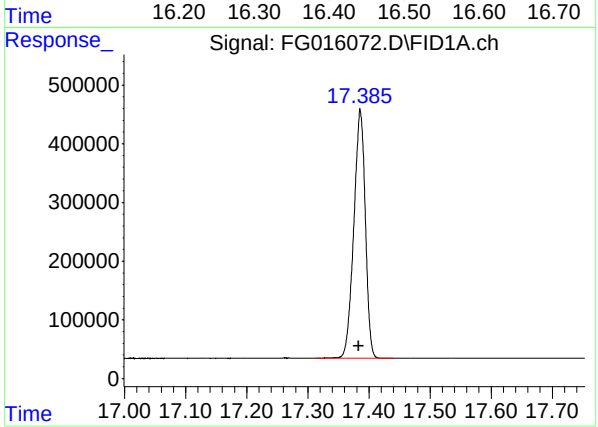
#14 n-Tetracosane (C24)

R.T.: 15.404 min
Delta R.T.: 0.003 min
Response: 5654747
Conc: 50.32 ug/ml



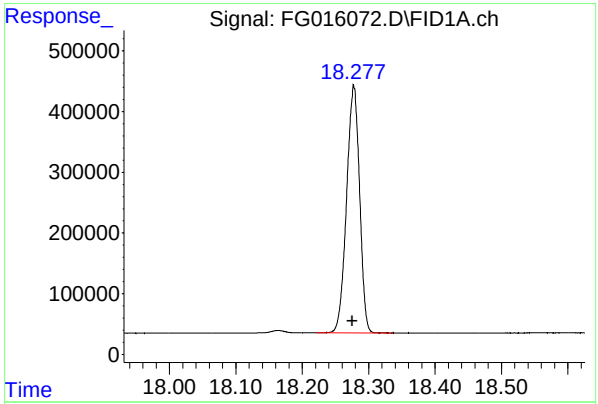
#15 n-Hexacosane (C26)

R.T.: 16.431 min
Delta R.T.: 0.003 min
Response: 5630584
Conc: 50.11 ug/ml



#16 n-Octacosane (C28)

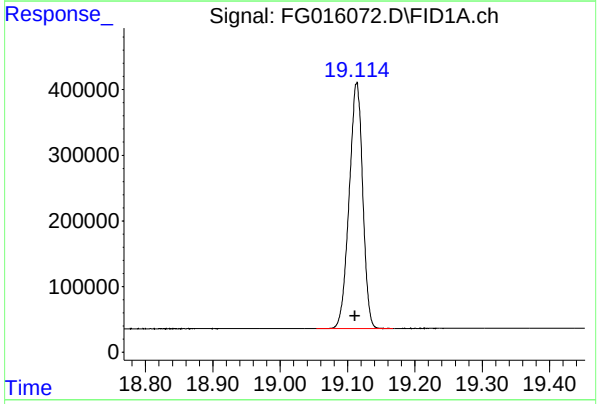
R.T.: 17.386 min
Delta R.T.: 0.003 min
Response: 5542792
Conc: 50.00 ug/ml



#17 n-Tricontane (C30)

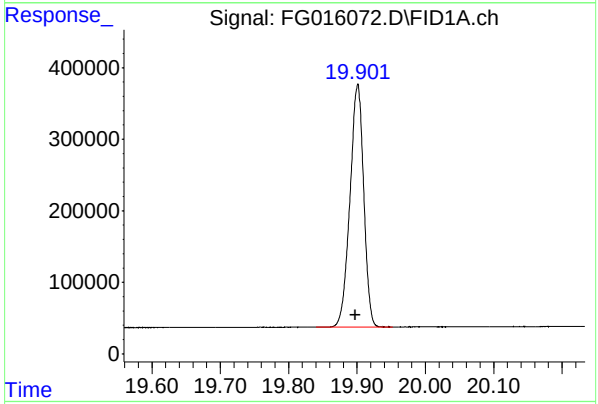
R.T.: 18.278 min
Delta R.T.: 0.003 min
Response: 5543018
Conc: 49.41 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



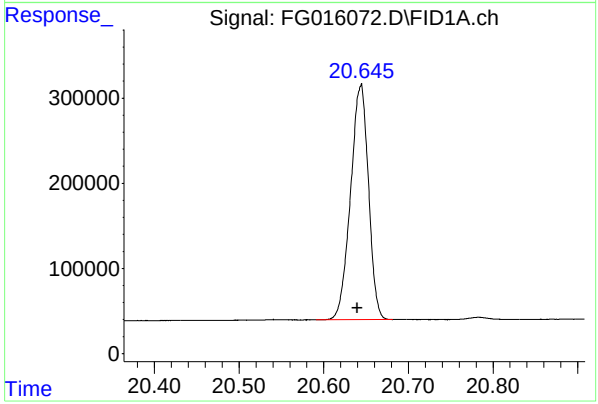
#18 n-Dotriacontane (C32)

R.T.: 19.114 min
Delta R.T.: 0.002 min
Response: 5238666
Conc: 48.88 ug/ml



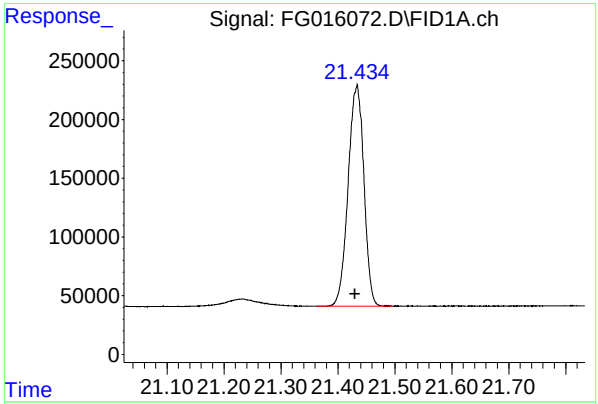
#19 n-Tetratriacontane (C34)

R.T.: 19.901 min
Delta R.T.: 0.003 min
Response: 4741671
Conc: 48.67 ug/ml



#20 n-Hexatriacontane (C36)

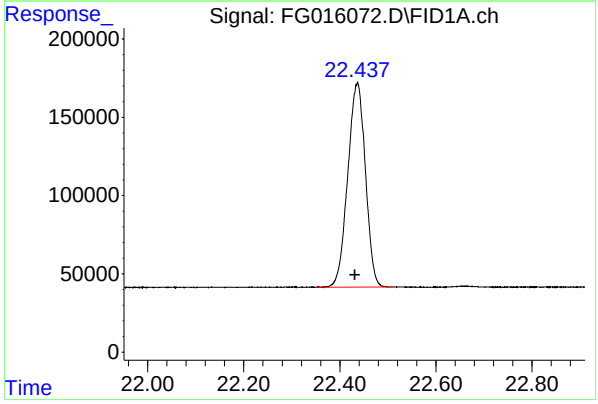
R.T.: 20.644 min
Delta R.T.: 0.004 min
Response: 4064127
Conc: 48.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.434 min
Delta R.T.: 0.003 min
Response: 3616216
Conc: 48.57 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.437 min
Delta R.T.: 0.005 min
Response: 3330661
Conc: 48.73 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
Data File : FG016072.D
Signal(s) : FID1A.ch
Acq On : 13 Jun 2025 14:34
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.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	3.422	3.391	3.463	BB	543888	5282413	83.54%	4.571%
2	4.681	4.650	4.717	BB	553263	5358787	84.75%	4.637%
3	6.397	6.353	6.434	BV	627309	5839682	92.35%	5.054%
4	6.859	6.813	6.903	BB	542258	5389005	85.22%	4.664%
5	7.499	7.446	7.529	BB	581901	5689440	89.97%	4.924%
6	8.698	8.655	8.744	BB	515326	5364151	84.83%	4.642%
7	10.317	10.273	10.354	BB	520515	5578750	88.22%	4.828%
8	11.770	11.725	11.809	BB	504995	5705865	90.23%	4.938%
9	12.096	12.043	12.139	BB	585107	6323398	100.00%	5.472%
10	13.088	13.035	13.137	BB	456224	5586554	88.35%	4.835%
11	13.537	13.490	13.575	BB	421902	4942965	78.17%	4.278%
12	13.704	13.658	13.743	BB	453752	5553509	87.82%	4.806%
13	14.295	14.242	14.338	BB	467118	5578784	88.22%	4.828%
14	15.404	15.351	15.456	BB	442544	5654747	89.43%	4.894%
15	16.431	16.383	16.485	BB	429618	5630584	89.04%	4.873%
16	17.386	17.313	17.439	BB	423056	5542792	87.66%	4.797%
17	18.278	18.221	18.337	BB	407546	5543018	87.66%	4.797%
18	19.114	19.053	19.168	BB	373275	5238666	82.85%	4.533%
19	19.901	19.840	19.953	BB	339150	4741671	74.99%	4.103%
20	20.644	20.591	20.682	BB	275777	4064127	64.27%	3.517%
21	21.434	21.362	21.497	BB	187569	3616216	57.19%	3.129%
22	22.437	22.350	22.510	BB	130908	3330661	52.67%	2.882%

Sum of corrected areas: 115555784

Aliphatic EPH 061325.M Mon Jun 16 07:04:16 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
Data File : FG016073.D
Signal(s) : FID1A.ch
Acq On : 13 Jun 2025 15:03
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Jun 16 06:41:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:39:56 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)	12.092	2512588	20.000 ug/ml
	Spiked Amount 50.000		Recovery = 40.00%	
12)	S 1-chlorooctadecane (S...	13.534	1961882	20.000 ug/ml
	Spiked Amount 50.000		Recovery = 40.00%	
	Target Compounds			
1)	T n-Nonane (C9)	3.422	2110859	20.000 ug/ml
2)	T n-Decane (C10)	4.680	2141056	20.000 ug/ml
3)	T A~Naphthalene (C11.7)	6.395	2334263	20.000 ug/ml
4)	T n-Dodecane (C12)	6.858	2147185	20.000 ug/ml
5)	T A~2-methylnaphthalene...	7.497	2270238	20.000 ug/ml
6)	T n-Tetradecane (C14)	8.697	2136654	20.000 ug/ml
7)	T n-Hexadecane (C16)	10.315	2216423	20.000 ug/ml
8)	T n-Octadecane (C18)	11.767	2262977	20.000 ug/ml
10)	T n-Eicosane (C20)	13.086	2214059	20.000 ug/ml
11)	T n-Heneicosane (C21)	13.701	2201898	20.000 ug/ml
13)	T n-Docosane (C22)	14.292	2211918	20.000 ug/ml
14)	T n-Tetracosane (C24)	15.401	2247523	20.000 ug/ml
15)	T n-Hexacosane (C26)	16.428	2247292	20.000 ug/ml
16)	T n-Octacosane (C28)	17.383	2217254	20.000 ug/ml
17)	T n-Tricontane (C30)	18.275	2243899	20.000 ug/ml
18)	T n-Dotriacontane (C32)	19.111	2143536	20.000 ug/ml
19)	T n-Tetratriacontane (C34)	19.898	1948322	20.000 ug/ml
20)	T n-Hexatriacontane (C36)	20.640	1675390	20.000 ug/ml
21)	T n-Octatriacontane (C38)	21.430	1489170	20.000 ug/ml
22)	T n-Tetracontane (C40)	22.432	1367074	20.000 ug/ml

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

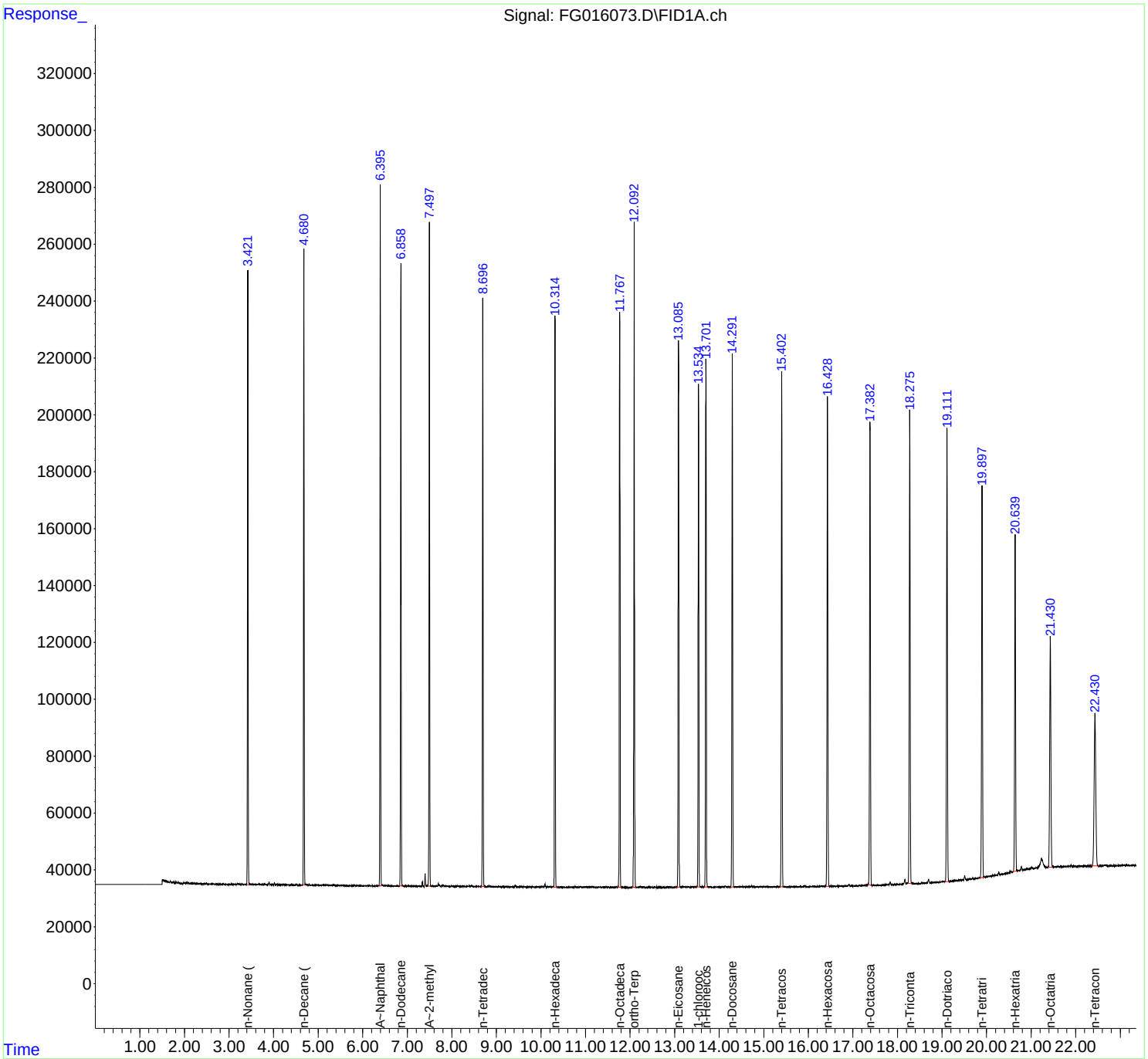
Quantitation Report (QT Reviewed)

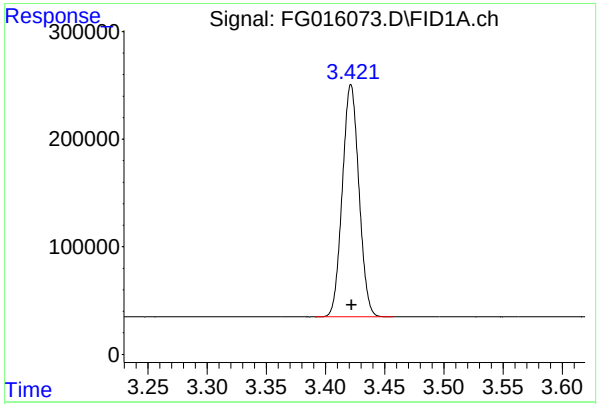
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
Data File : FG016073.D
Signal(s) : FID1A.ch
Acq On : 13 Jun 2025 15:03
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Jun 16 06:41:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:39:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

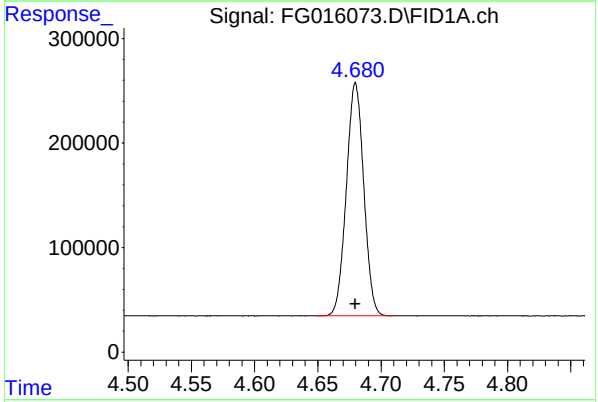




#1 n-Nonane (C9)

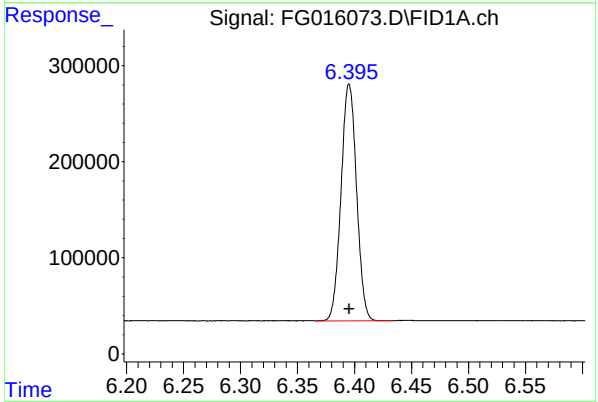
R.T.: 3.422 min
Delta R.T.: 0.000 min
Response: 2110859
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



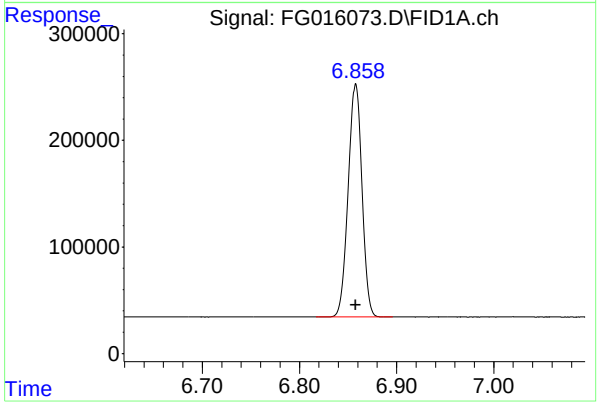
#2 n-Decane (C10)

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 2141056
Conc: 20.00 ug/ml



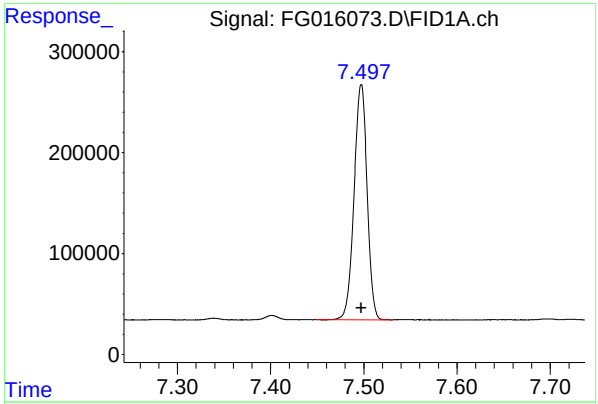
#3 A~Naphthalene (C11.7)

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 2334263
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

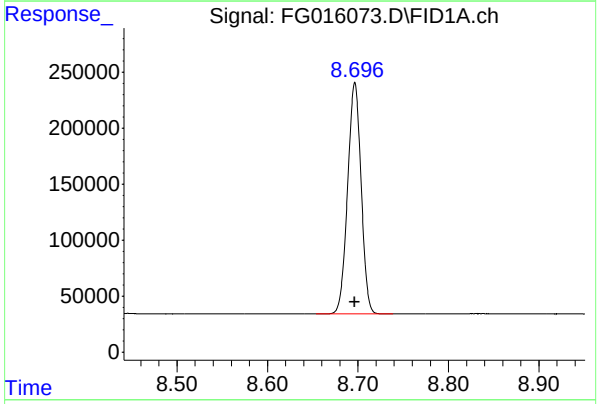
R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 2147185
Conc: 20.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

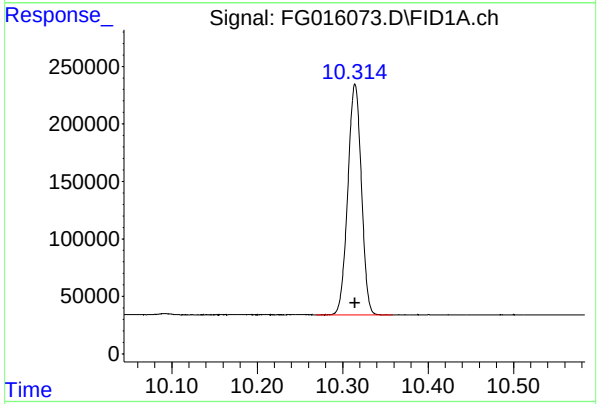
R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 2270238
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



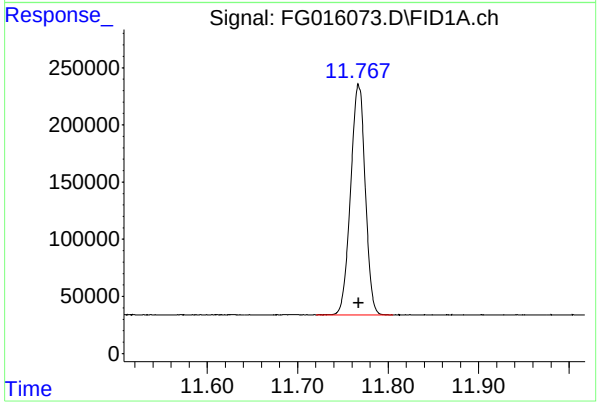
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.000 min
Response: 2136654
Conc: 20.00 ug/ml



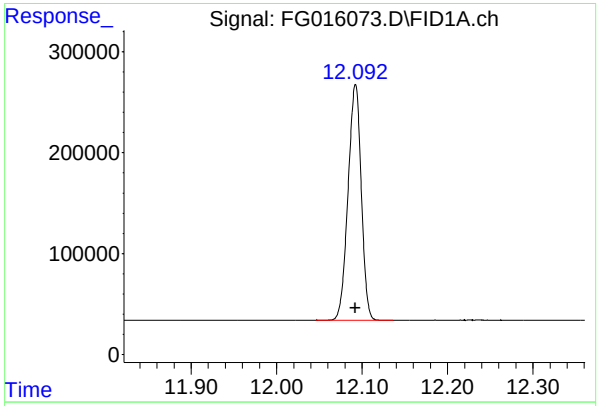
#7 n-Hexadecane (C16)

R.T.: 10.315 min
Delta R.T.: 0.000 min
Response: 2216423
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

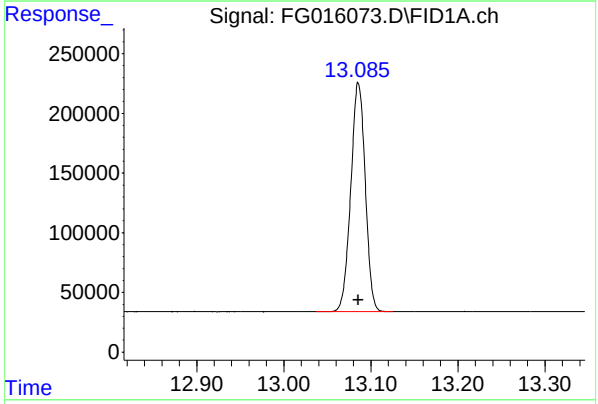
R.T.: 11.767 min
Delta R.T.: 0.000 min
Response: 2262977
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

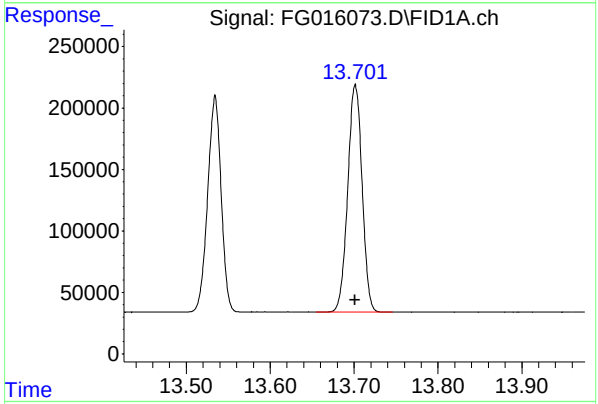
R.T.: 12.092 min
Delta R.T.: 0.000 min
Response: 2512588
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



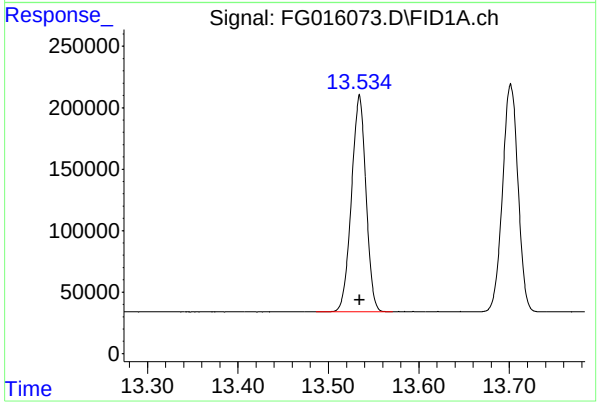
#10 n-Eicosane (C20)

R.T.: 13.086 min
Delta R.T.: 0.000 min
Response: 2214059
Conc: 20.00 ug/ml



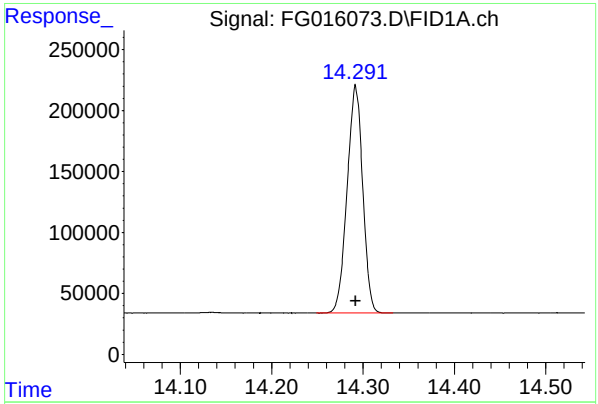
#11 n-Heneicosane (C21)

R.T.: 13.701 min
Delta R.T.: 0.000 min
Response: 2201898
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

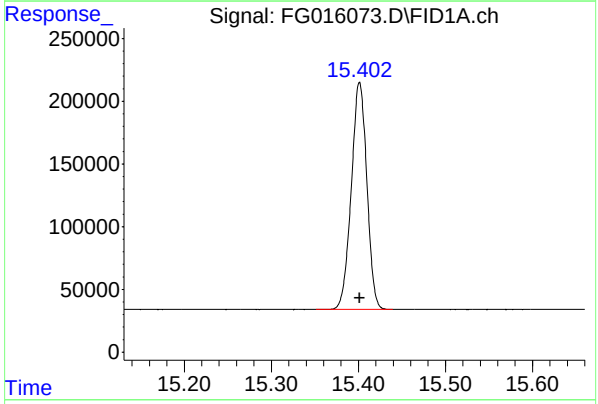
R.T.: 13.534 min
Delta R.T.: 0.000 min
Response: 1961882
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

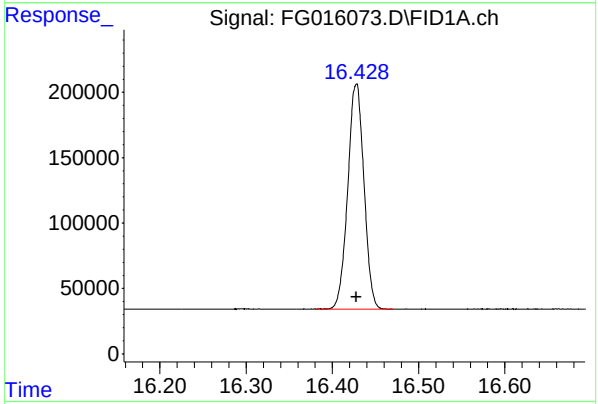
R.T.: 14.292 min
Delta R.T.: 0.000 min
Response: 2211918
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



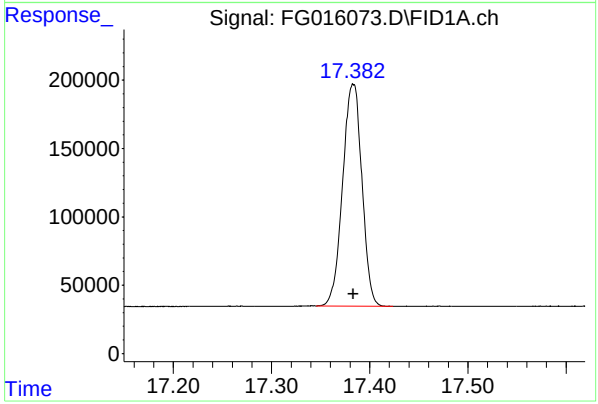
#14 n-Tetracosane (C24)

R.T.: 15.401 min
Delta R.T.: 0.000 min
Response: 2247523
Conc: 20.00 ug/ml



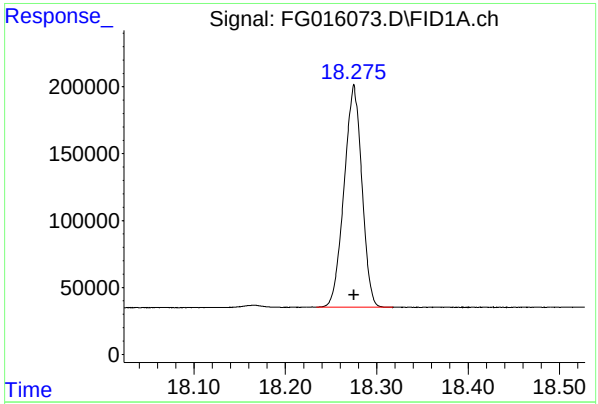
#15 n-Hexacosane (C26)

R.T.: 16.428 min
Delta R.T.: 0.000 min
Response: 2247292
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

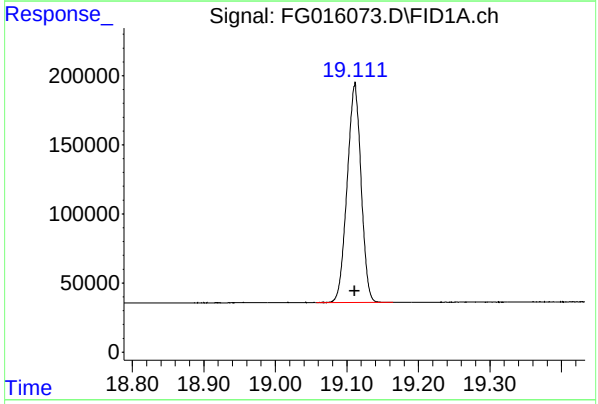
R.T.: 17.383 min
Delta R.T.: 0.000 min
Response: 2217254
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

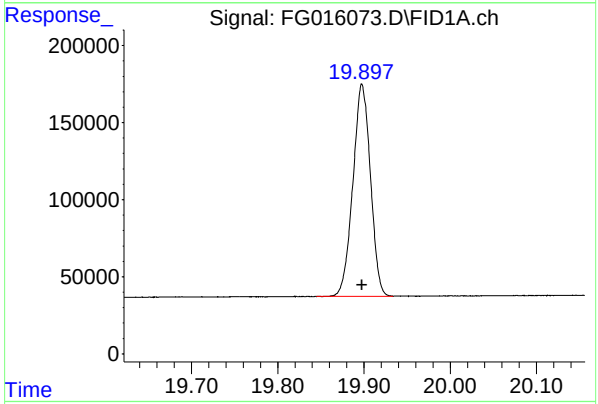
R.T.: 18.275 min
Delta R.T.: 0.000 min
Response: 2243899
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



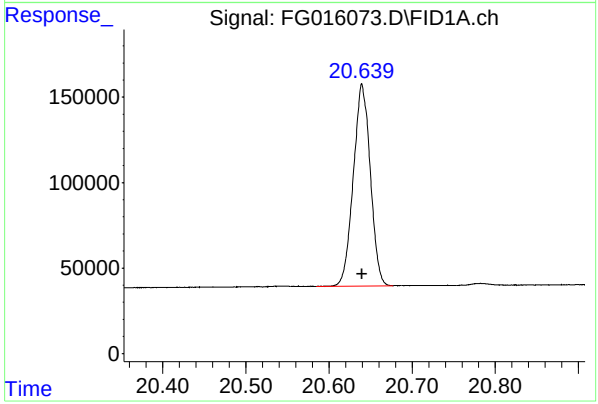
#18 n-Dotriacontane (C32)

R.T.: 19.111 min
Delta R.T.: 0.000 min
Response: 2143536
Conc: 20.00 ug/ml



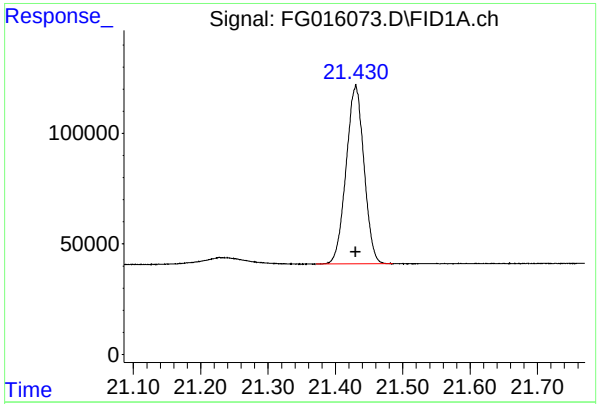
#19 n-Tetratriacontane (C34)

R.T.: 19.898 min
Delta R.T.: 0.000 min
Response: 1948322
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

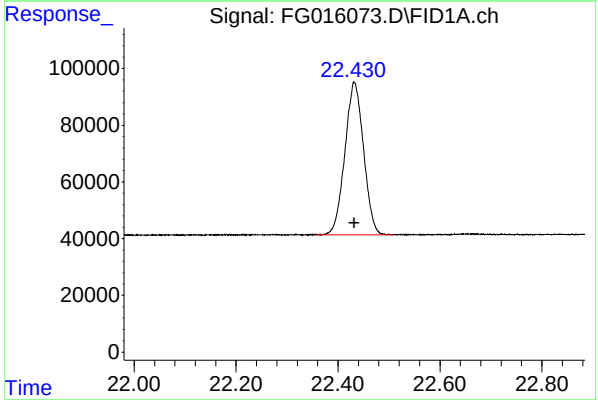
R.T.: 20.640 min
Delta R.T.: 0.000 min
Response: 1675390
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.430 min
Delta R.T.: 0.000 min
Response: 1489170
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.432 min
Delta R.T.: 0.000 min
Response: 1367074
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
Data File : FG016073.D
Signal(s) : FID1A.ch
Acq On : 13 Jun 2025 15:03
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.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	3.422	3.392	3.457	BB	215954	2110859	84.01%	4.559%
2	4.680	4.649	4.710	BB	223012	2141056	85.21%	4.624%
3	6.395	6.366	6.434	BB	246459	2334263	92.90%	5.041%
4	6.858	6.817	6.896	BB	218683	2147185	85.46%	4.637%
5	7.497	7.449	7.531	BB	233356	2270238	90.35%	4.903%
6	8.697	8.654	8.739	BB	207028	2136654	85.04%	4.615%
7	10.315	10.269	10.359	BB	200667	2216423	88.21%	4.787%
8	11.767	11.720	11.805	BB	200267	2262977	90.07%	4.887%
9	12.092	12.046	12.136	BB	233767	2512588	100.00%	5.427%
10	13.086	13.037	13.125	BB	191623	2214059	88.12%	4.782%
11	13.534	13.486	13.571	BB	176573	1961882	78.08%	4.237%
12	13.701	13.655	13.746	BB	185016	2201898	87.63%	4.756%
13	14.292	14.249	14.333	BB	186757	2211918	88.03%	4.777%
14	15.401	15.351	15.440	BB	180924	2247523	89.45%	4.854%
15	16.428	16.381	16.470	BB	171976	2247292	89.44%	4.854%
16	17.383	17.345	17.424	BB	161770	2217254	88.25%	4.789%
17	18.275	18.234	18.318	BB	166537	2243899	89.31%	4.846%
18	19.111	19.057	19.165	BB	158160	2143536	85.31%	4.630%
19	19.898	19.845	19.934	BB	137655	1948322	77.54%	4.208%
20	20.640	20.585	20.677	BB	118225	1675390	66.68%	3.618%
21	21.430	21.371	21.485	BB	81200	1489170	59.27%	3.216%
22	22.432	22.357	22.508	BB	53553	1367074	54.41%	2.953%
			Sum of corrected areas:			46301461		

Aliphatic EPH 061325.M Mon Jun 16 07:05:26 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
Data File : FG016074.D
Signal(s) : FID1A.ch
Acq On : 13 Jun 2025 15:33
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Jun 16 06:41:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:39:56 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)	12.091	1286511	10.241 ug/ml
Spiked Amount	50.000		Recovery =	20.48%
12)	S 1-chlorooctadecane (S...	13.534	1004341	10.239 ug/ml
Spiked Amount	50.000		Recovery =	20.48%
	Target Compounds			
1)	T n-Nonane (C9)	3.421	1080527	10.238 ug/ml
2)	T n-Decane (C10)	4.680	1095102	10.230 ug/ml
3)	T A~Naphthalene (C11.7)	6.396	1191754	10.211 ug/ml
4)	T n-Dodecane (C12)	6.858	1097786	10.225 ug/ml
5)	T A~2-methylnaphthalene...	7.497	1159323	10.213 ug/ml
6)	T n-Tetradecane (C14)	8.696	1095723	10.256 ug/ml
7)	T n-Hexadecane (C16)	10.314	1133303	10.226 ug/ml
8)	T n-Octadecane (C18)	11.766	1158461	10.238 ug/ml
10)	T n-Eicosane (C20)	13.084	1134527	10.248 ug/ml
11)	T n-Heneicosane (C21)	13.701	1127454	10.241 ug/ml
13)	T n-Docosane (C22)	14.290	1133031	10.245 ug/ml
14)	T n-Tetracosane (C24)	15.400	1150621	10.239 ug/ml
15)	T n-Hexacosane (C26)	16.427	1150749	10.241 ug/ml
16)	T n-Octacosane (C28)	17.382	1138837	10.272 ug/ml
17)	T n-Tricontane (C30)	18.273	1151501	10.263 ug/ml
18)	T n-Dotriacontane (C32)	19.110	1100779	10.271 ug/ml
19)	T n-Tetratriacontane (C34)	19.897	1003430	10.300 ug/ml
20)	T n-Hexatriacontane (C36)	20.641	862082	10.291 ug/ml
21)	T n-Octatriacontane (C38)	21.429	766676	10.297 ug/ml
22)	T n-Tetracontane (C40)	22.435	703828	10.297 ug/ml

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

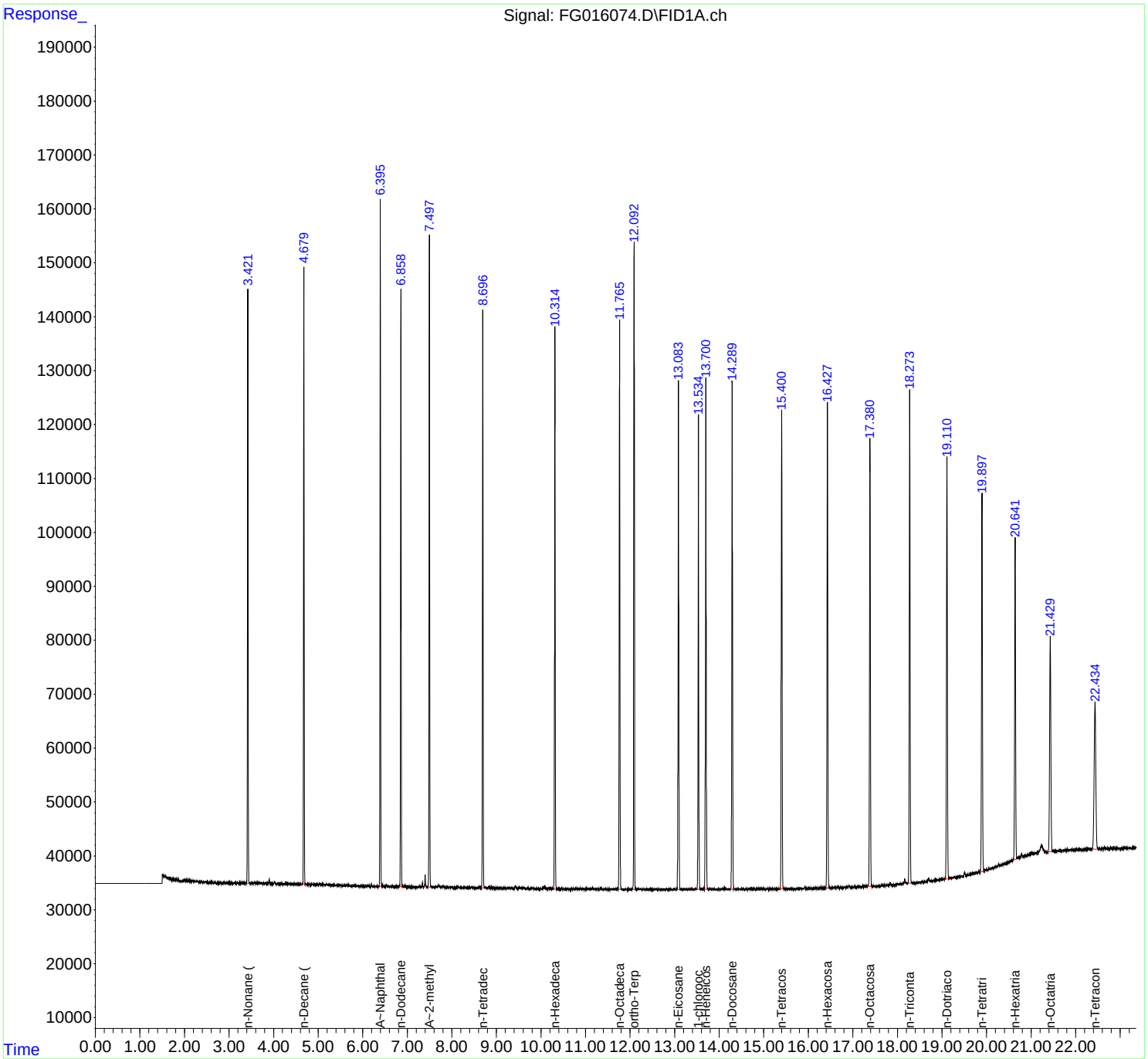
Quantitation Report (QT Reviewed)

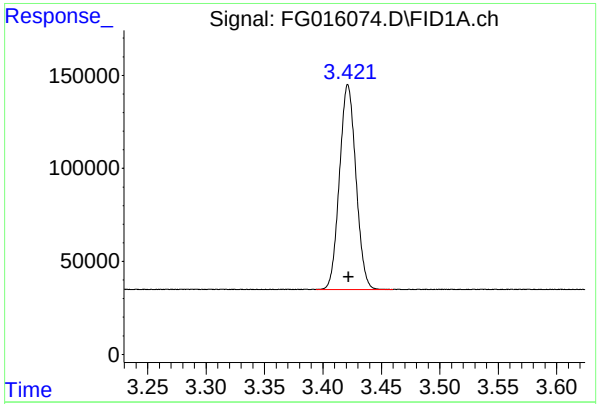
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
Data File : FG016074.D
Signal(s) : FID1A.ch
Acq On : 13 Jun 2025 15:33
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Jun 16 06:41:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:39:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

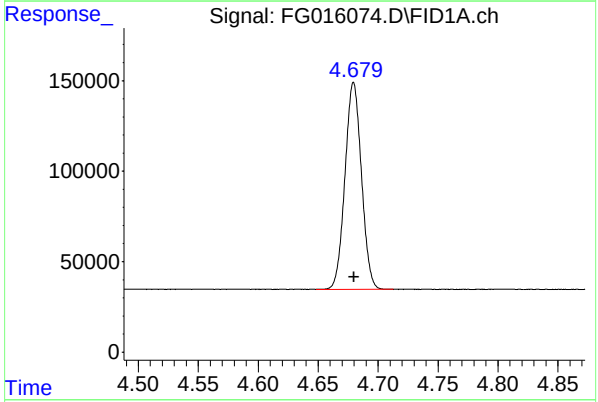




#1 n-Nonane (C9)

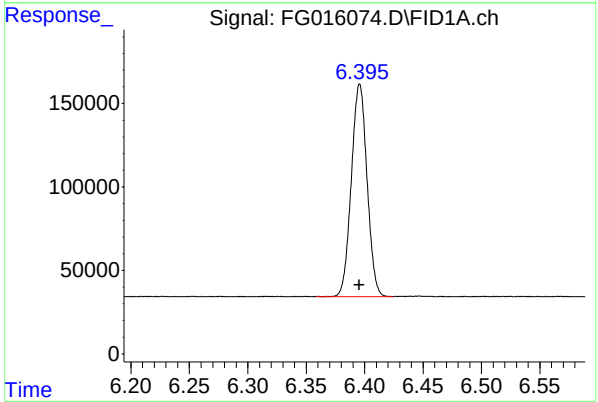
R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 1080527
Conc: 10.24 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



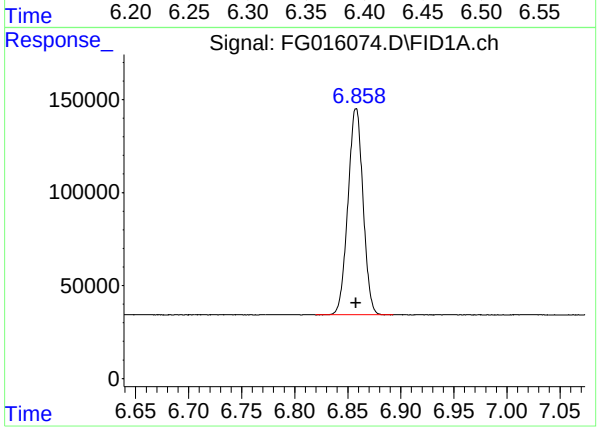
#2 n-Decane (C10)

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 1095102
Conc: 10.23 ug/ml



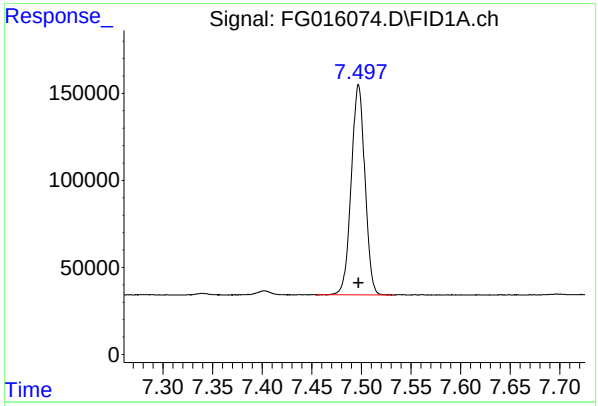
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 1191754
Conc: 10.21 ug/ml



#4 n-Dodecane (C12)

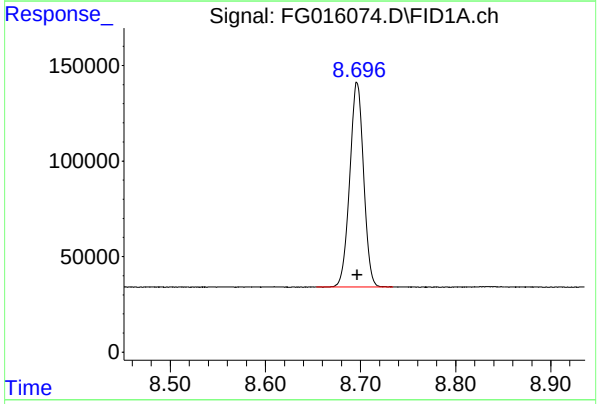
R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 1097786
Conc: 10.23 ug/ml



#5 A~2-methylnaphthalene (C12.89)

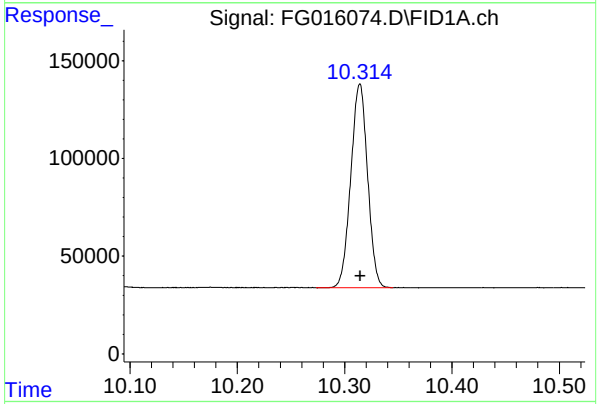
R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 1159323
Conc: 10.21 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



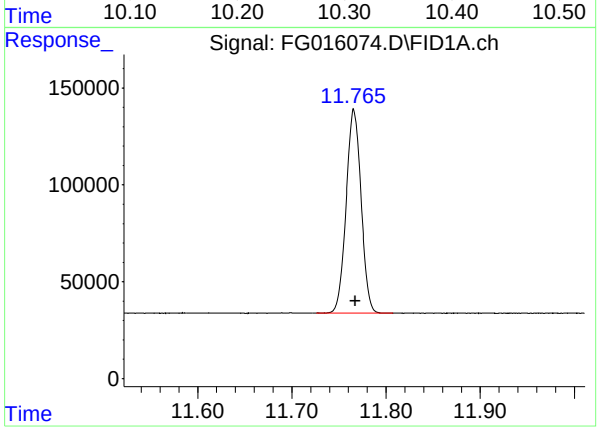
#6 n-Tetradecane (C14)

R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 1095723
Conc: 10.26 ug/ml



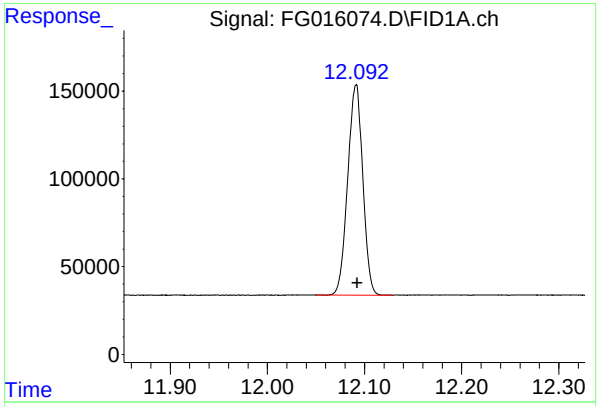
#7 n-Hexadecane (C16)

R.T.: 10.314 min
Delta R.T.: 0.000 min
Response: 1133303
Conc: 10.23 ug/ml



#8 n-Octadecane (C18)

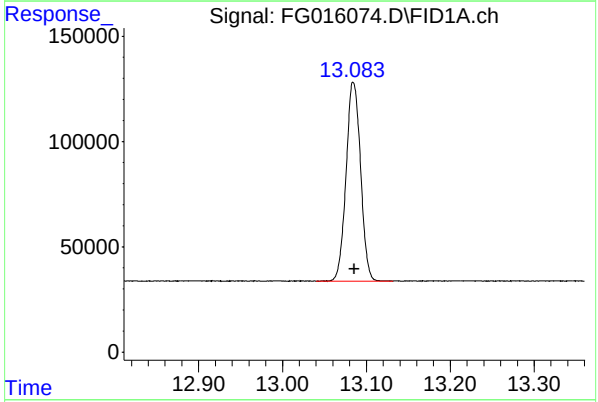
R.T.: 11.766 min
Delta R.T.: -0.002 min
Response: 1158461
Conc: 10.24 ug/ml



#9 ortho-Terphenyl (SURR)

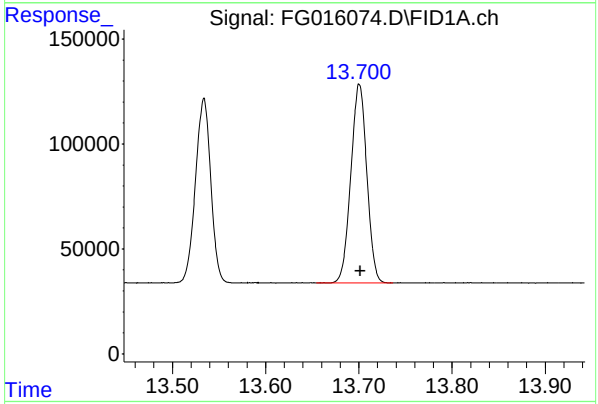
R.T.: 12.091 min
Delta R.T.: -0.001 min
Response: 1286511
Conc: 10.24 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



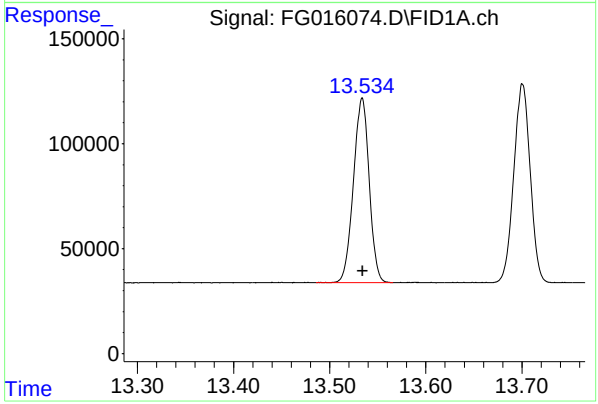
#10 n-Eicosane (C20)

R.T.: 13.084 min
Delta R.T.: -0.001 min
Response: 1134527
Conc: 10.25 ug/ml



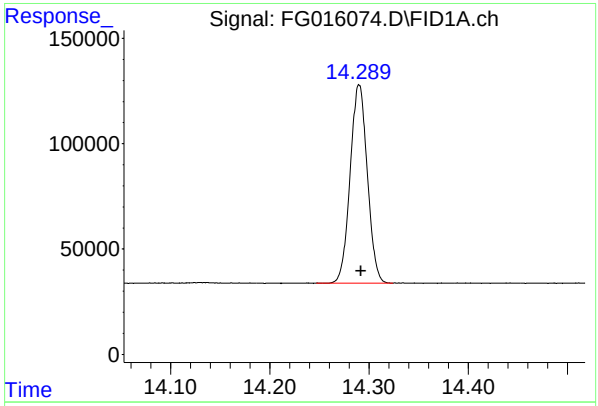
#11 n-Heneicosane (C21)

R.T.: 13.701 min
Delta R.T.: 0.000 min
Response: 1127454
Conc: 10.24 ug/ml



#12 1-chlorooctadecane (SURR)

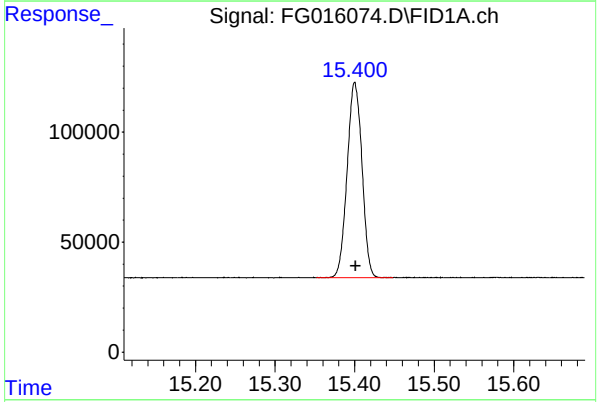
R.T.: 13.534 min
Delta R.T.: 0.000 min
Response: 1004341
Conc: 10.24 ug/ml



#13 n-Docosane (C22)

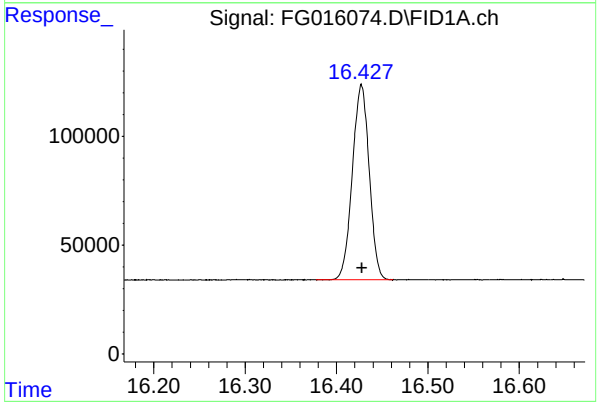
R.T.: 14.290 min
Delta R.T.: -0.002 min
Response: 1133031
Conc: 10.24 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



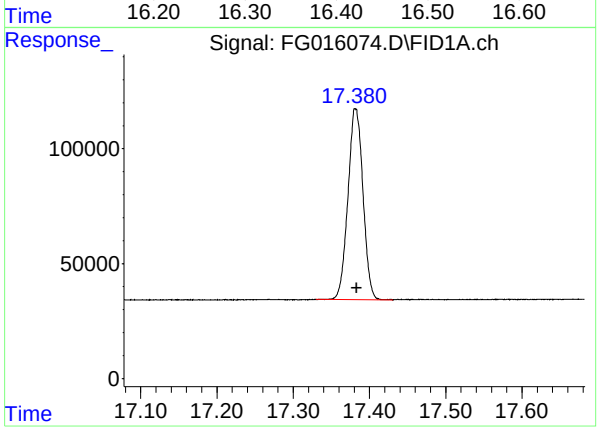
#14 n-Tetracosane (C24)

R.T.: 15.400 min
Delta R.T.: -0.001 min
Response: 1150621
Conc: 10.24 ug/ml



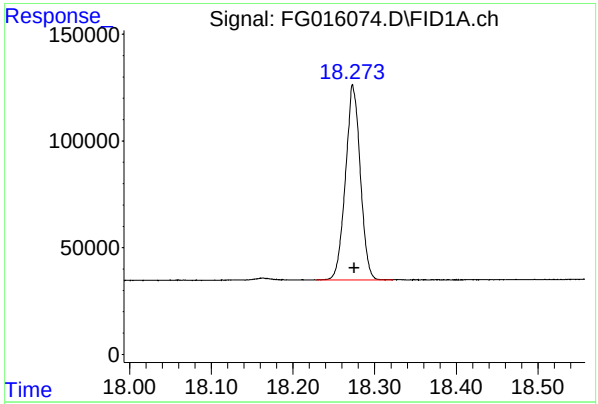
#15 n-Hexacosane (C26)

R.T.: 16.427 min
Delta R.T.: 0.000 min
Response: 1150749
Conc: 10.24 ug/ml



#16 n-Octacosane (C28)

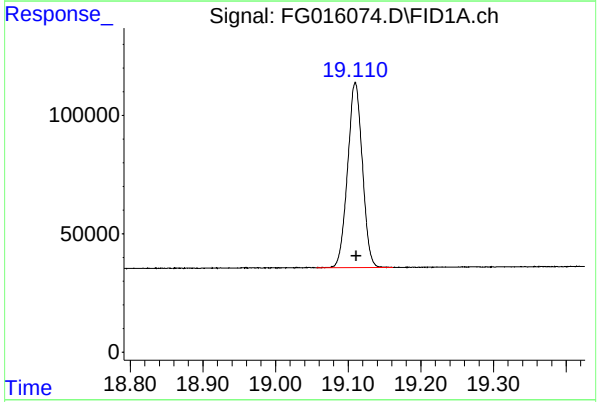
R.T.: 17.382 min
Delta R.T.: -0.002 min
Response: 1138837
Conc: 10.27 ug/ml



#17 n-Tricontane (C30)

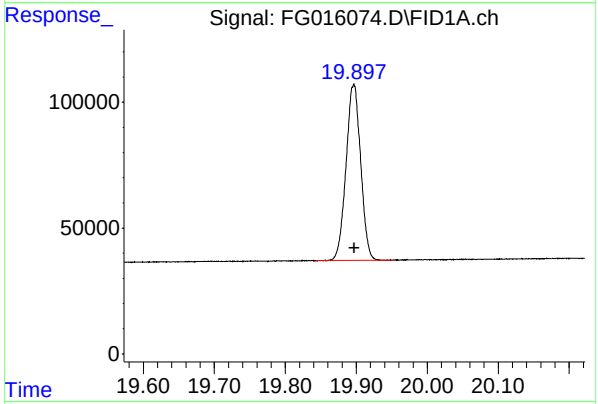
R.T.: 18.273 min
Delta R.T.: -0.002 min
Response: 1151501
Conc: 10.26 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



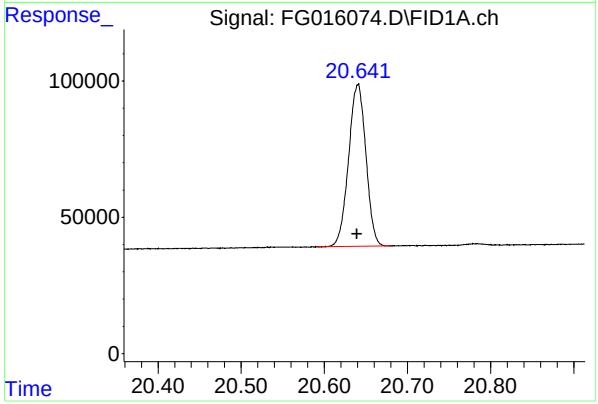
#18 n-Dotriacontane (C32)

R.T.: 19.110 min
Delta R.T.: -0.001 min
Response: 1100779
Conc: 10.27 ug/ml



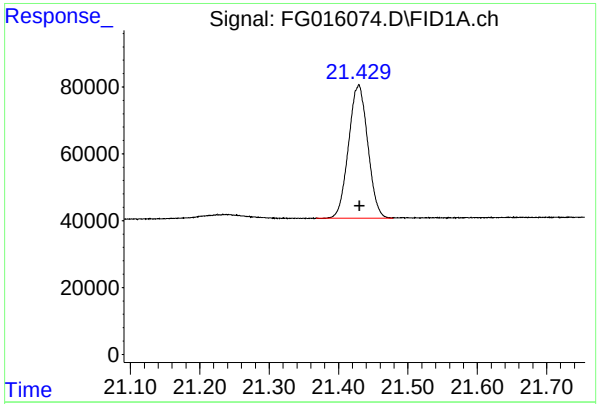
#19 n-Tetratriacontane (C34)

R.T.: 19.897 min
Delta R.T.: -0.001 min
Response: 1003430
Conc: 10.30 ug/ml



#20 n-Hexatriacontane (C36)

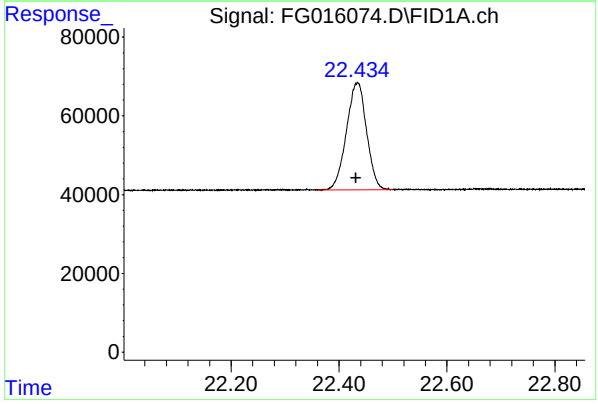
R.T.: 20.641 min
Delta R.T.: 0.000 min
Response: 862082
Conc: 10.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.429 min
Delta R.T.: 0.000 min
Response: 766676
Conc: 10.30 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.435 min
Delta R.T.: 0.003 min
Response: 703828
Conc: 10.30 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
Data File : FG016074.D
Signal(s) : FID1A.ch
Acq On : 13 Jun 2025 15:33
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.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	3.421	3.394	3.460	BB	110148	1080527	83.99%	4.554%
2	4.680	4.648	4.713	BB	114547	1095102	85.12%	4.616%
3	6.396	6.358	6.424	BB	127447	1191754	92.63%	5.023%
4	6.858	6.820	6.893	BB	110851	1097786	85.33%	4.627%
5	7.497	7.454	7.532	BB	120590	1159323	90.11%	4.886%
6	8.696	8.653	8.734	BB	106899	1095723	85.17%	4.618%
7	10.314	10.273	10.345	BB	104318	1133303	88.09%	4.777%
8	11.766	11.726	11.808	BB	105022	1158461	90.05%	4.883%
9	12.091	12.050	12.129	BB	119787	1286511	100.00%	5.422%
10	13.084	13.040	13.132	BB	94323	1134527	88.19%	4.782%
11	13.534	13.486	13.566	BB	88092	1004341	78.07%	4.233%
12	13.701	13.654	13.737	BB	94496	1127454	87.64%	4.752%
13	14.290	14.247	14.324	BB	94175	1133031	88.07%	4.775%
14	15.400	15.352	15.448	BB	88694	1150621	89.44%	4.850%
15	16.427	16.378	16.462	BB	89763	1150749	89.45%	4.850%
16	17.382	17.330	17.431	BB	82997	1138837	88.52%	4.800%
17	18.273	18.228	18.323	BB	91227	1151501	89.51%	4.853%
18	19.110	19.056	19.162	BB	78328	1100779	85.56%	4.639%
19	19.897	19.843	19.952	BB	70173	1003430	78.00%	4.229%
20	20.641	20.590	20.683	BB	59420	862082	67.01%	3.633%
21	21.429	21.368	21.478	BB	39978	766676	59.59%	3.231%
22	22.435	22.358	22.500	BB	27167	703828	54.71%	2.966%
			Sum of corrected areas:			23726347		

Aliphatic EPH 061325.M Mon Jun 16 07:05:41 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
Data File : FG016075.D
Signal(s) : FID1A.ch
Acq On : 13 Jun 2025 16:02
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Jun 16 06:42:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:39:56 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)	12.089	705923	5.619 ug/ml
Spiked Amount	50.000	Recovery =	11.24%	
12)	S 1-chlorooctadecane (S...	13.532	550881	5.616 ug/ml
Spiked Amount	50.000	Recovery =	11.23%	
	Target Compounds			
1)	T n-Nonane (C9)	3.422	595428	5.642 ug/ml
2)	T n-Decane (C10)	4.680	602565	5.629 ug/ml
3)	T A~Naphthalene (C11.7)	6.396	656045	5.621 ug/ml
4)	T n-Dodecane (C12)	6.857	603165	5.618 ug/ml
5)	T A~2-methylnaphthalene...	7.497	638058	5.621 ug/ml
6)	T n-Tetradecane (C14)	8.696	604003	5.654 ug/ml
7)	T n-Hexadecane (C16)	10.313	622758	5.619 ug/ml
8)	T n-Octadecane (C18)	11.766	638246	5.641 ug/ml
10)	T n-Eicosane (C20)	13.084	621489	5.614 ug/ml
11)	T n-Heneicosane (C21)	13.701	620307	5.634 ug/ml
13)	T n-Docosane (C22)	14.290	622270	5.627 ug/ml
14)	T n-Tetracosane (C24)	15.400	632301	5.627 ug/ml
15)	T n-Hexacosane (C26)	16.427	632980	5.633 ug/ml
16)	T n-Octacosane (C28)	17.382	626234	5.649 ug/ml
17)	T n-Tricontane (C30)	18.273	640242	5.707 ug/ml
18)	T n-Dotriacontane (C32)	19.110	615463	5.743 ug/ml
19)	T n-Tetratriacontane (C34)	19.897	558031	5.728 ug/ml
20)	T n-Hexatriacontane (C36)	20.640	476929	5.693 ug/ml
21)	T n-Octatriacontane (C38)	21.428	423048	5.682 ug/ml
22)	T n-Tetracontane (C40)	22.431	380088	5.561 ug/ml

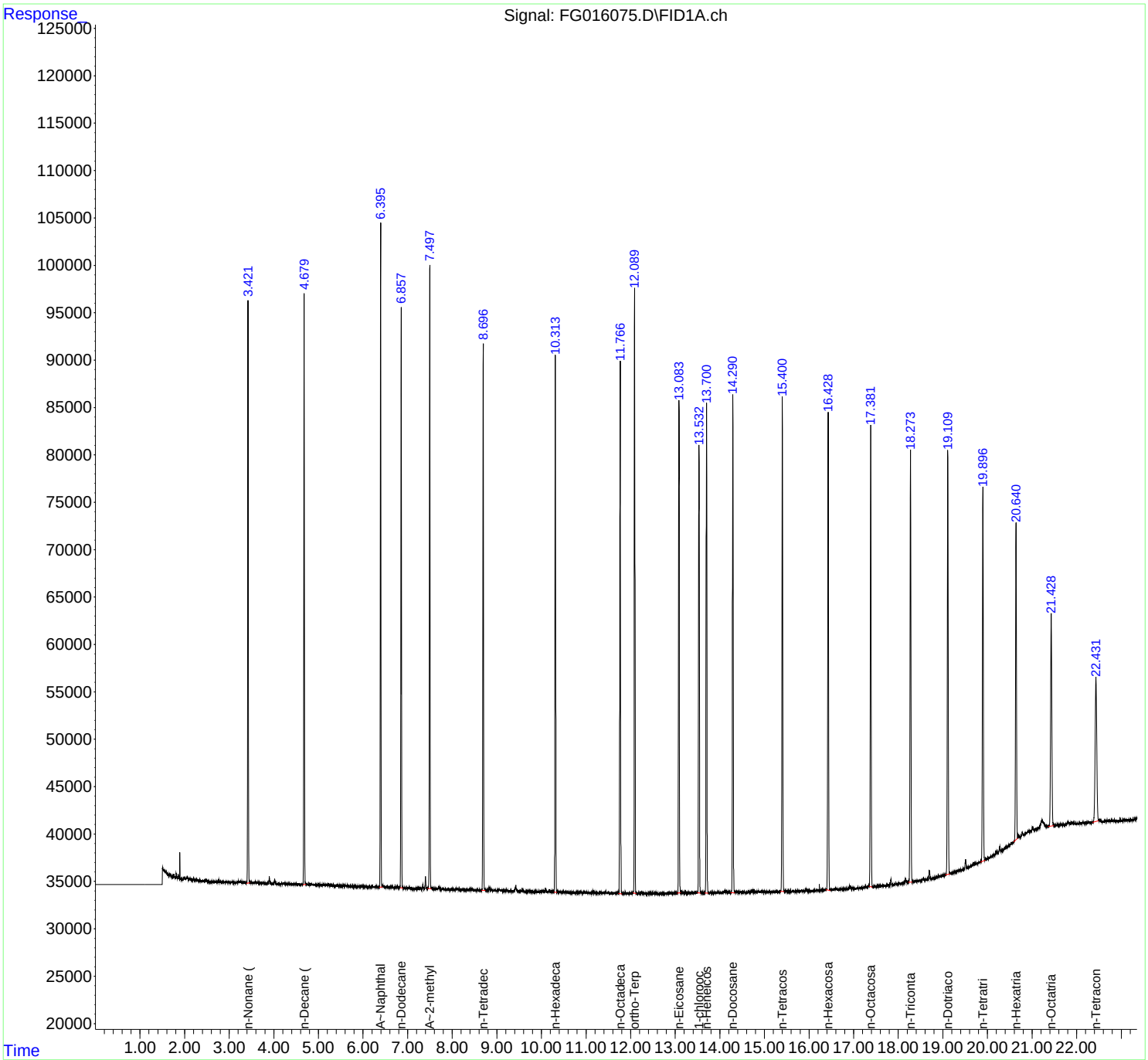
(f)=RT Delta > 1/2 Window (m)=manual int.

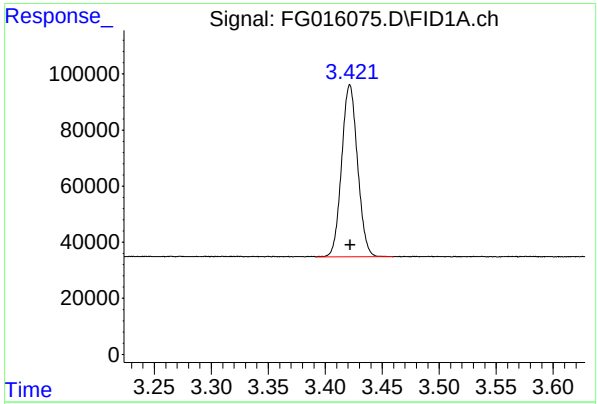
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
Data File : FG016075.D
Signal(s) : FID1A.ch
Acq On : 13 Jun 2025 16:02
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Jun 16 06:42:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:39:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

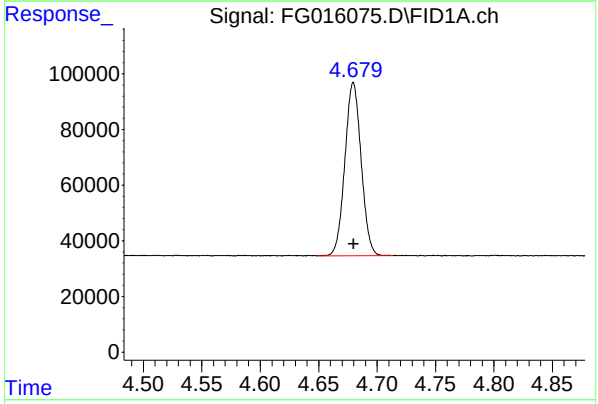




#1 n-Nonane (C9)

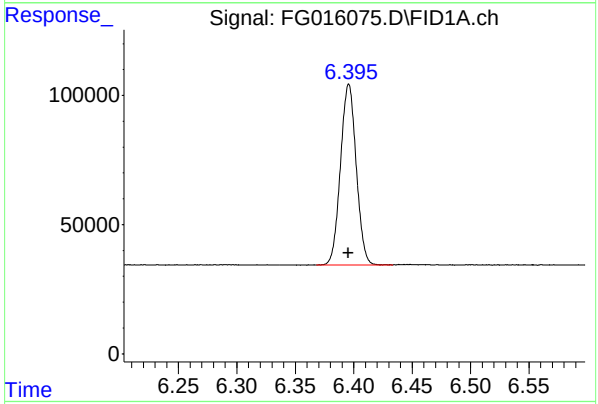
R.T.: 3.422 min
Delta R.T.: 0.000 min
Response: 595428
Conc: 5.64 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



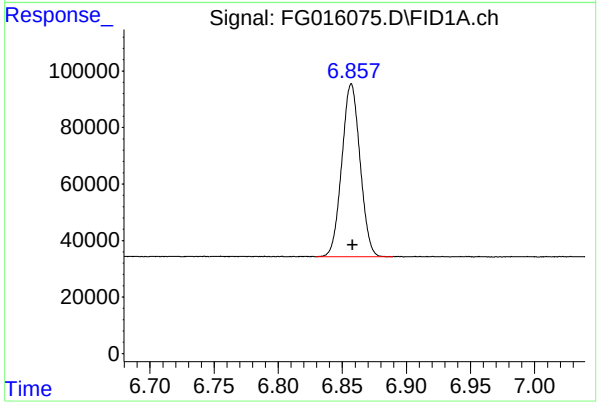
#2 n-Decane (C10)

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 602565
Conc: 5.63 ug/ml



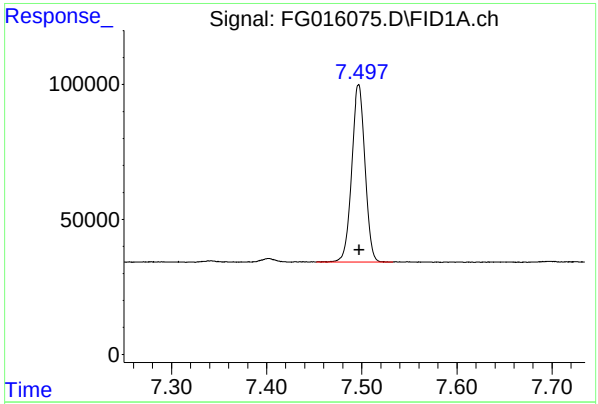
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 656045
Conc: 5.62 ug/ml



#4 n-Dodecane (C12)

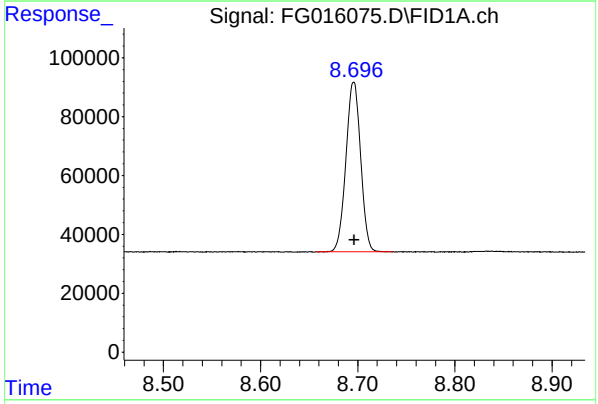
R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 603165
Conc: 5.62 ug/ml



#5 A~2-methylnaphthalene (C12.89)

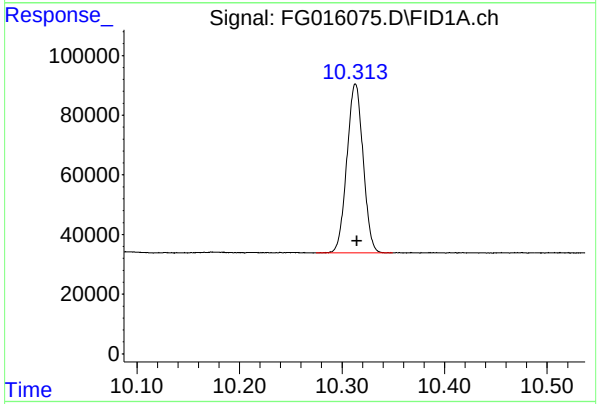
R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 638058
Conc: 5.62 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



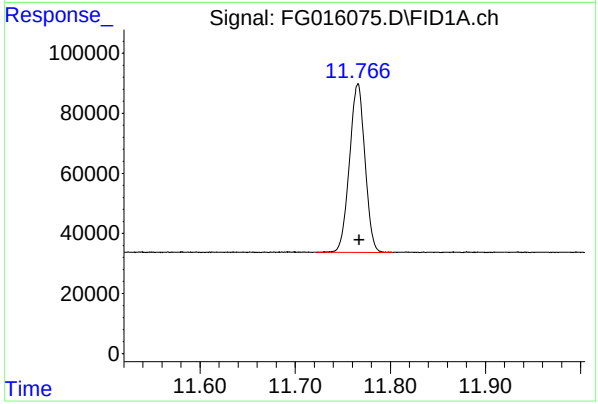
#6 n-Tetradecane (C14)

R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 604003
Conc: 5.65 ug/ml



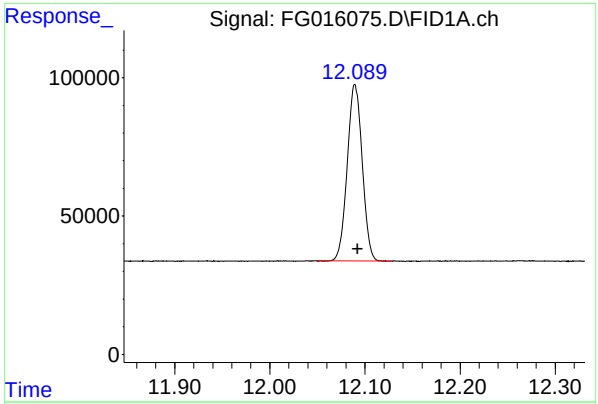
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: -0.001 min
Response: 622758
Conc: 5.62 ug/ml



#8 n-Octadecane (C18)

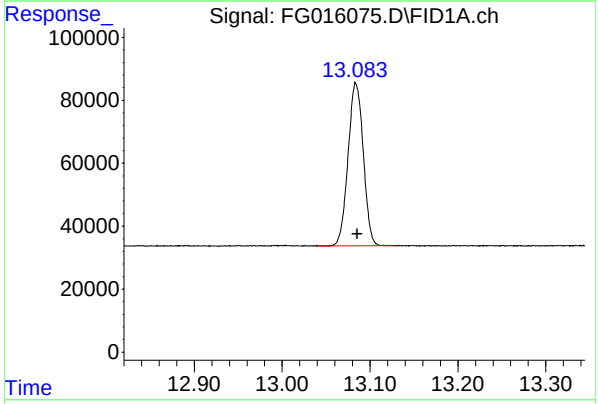
R.T.: 11.766 min
Delta R.T.: -0.001 min
Response: 638246
Conc: 5.64 ug/ml



#9 ortho-Terphenyl (SURR)

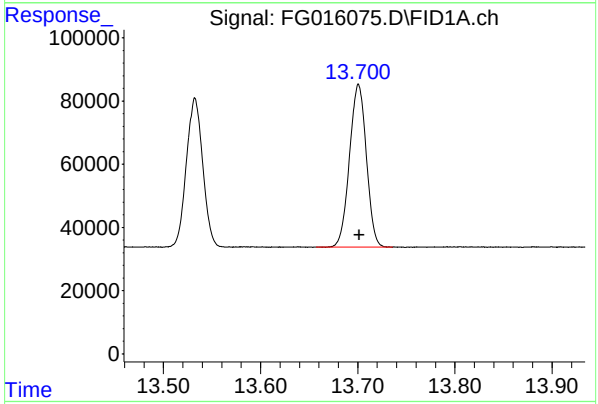
R.T.: 12.089 min
Delta R.T.: -0.003 min
Response: 705923
Conc: 5.62 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



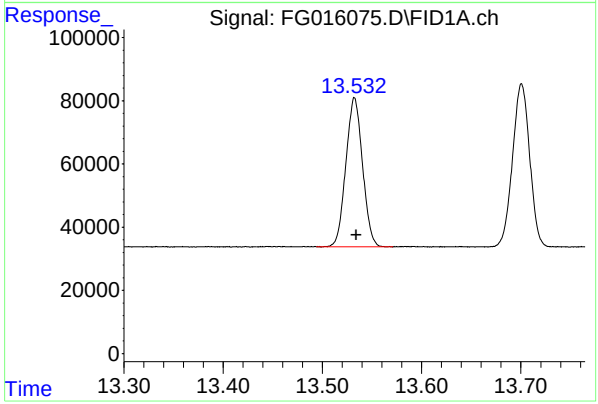
#10 n-Eicosane (C20)

R.T.: 13.084 min
Delta R.T.: -0.002 min
Response: 621489
Conc: 5.61 ug/ml



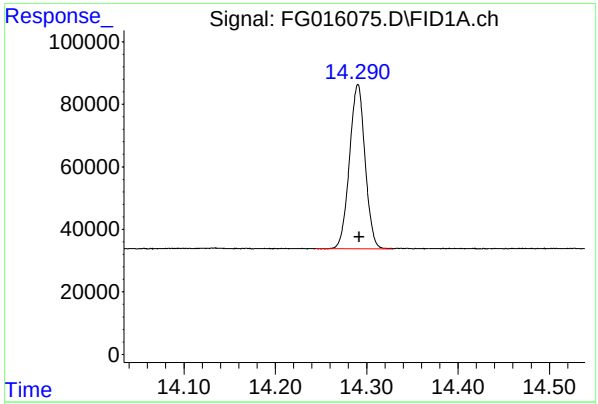
#11 n-Heneicosane (C21)

R.T.: 13.701 min
Delta R.T.: 0.000 min
Response: 620307
Conc: 5.63 ug/ml



#12 1-chlorooctadecane (SURR)

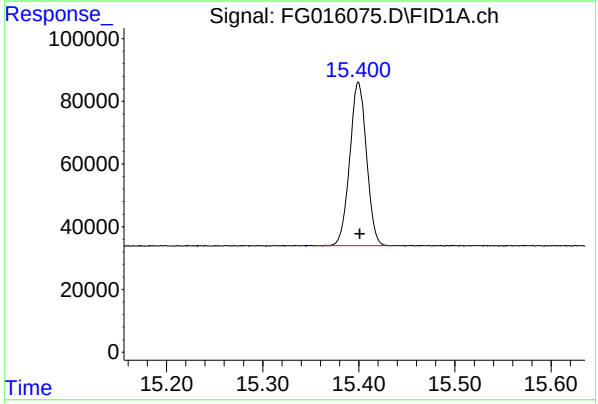
R.T.: 13.532 min
Delta R.T.: -0.002 min
Response: 550881
Conc: 5.62 ug/ml



#13 n-Docosane (C22)

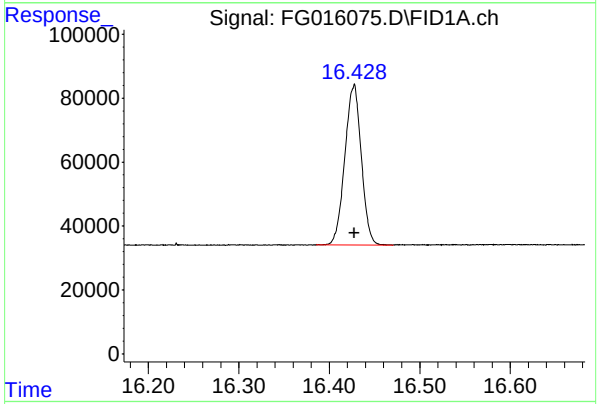
R.T.: 14.290 min
Delta R.T.: -0.001 min
Response: 622270
Conc: 5.63 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



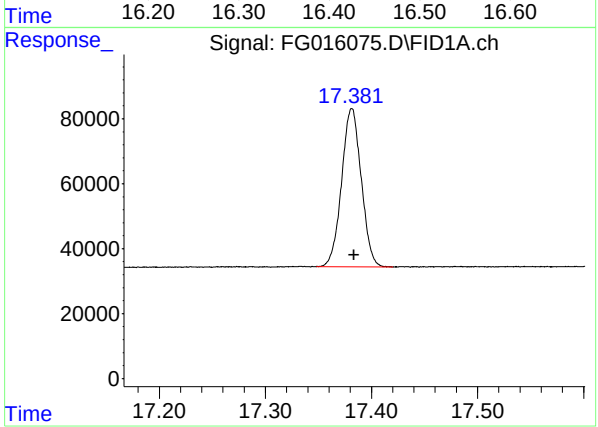
#14 n-Tetracosane (C24)

R.T.: 15.400 min
Delta R.T.: -0.002 min
Response: 632301
Conc: 5.63 ug/ml



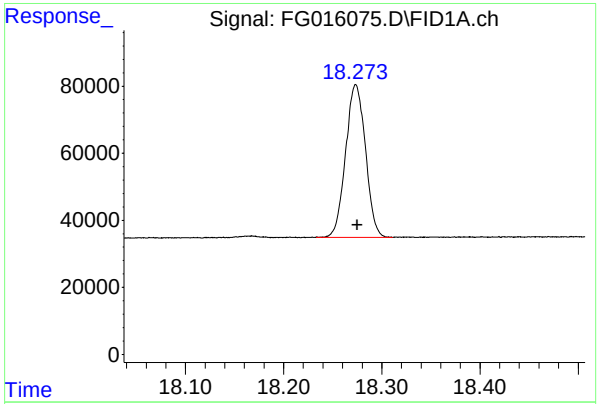
#15 n-Hexacosane (C26)

R.T.: 16.427 min
Delta R.T.: 0.000 min
Response: 632980
Conc: 5.63 ug/ml



#16 n-Octacosane (C28)

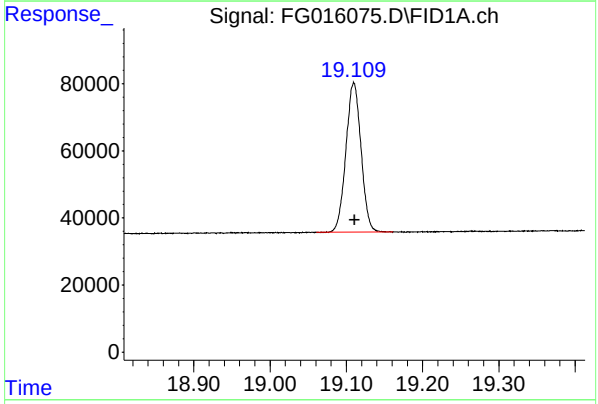
R.T.: 17.382 min
Delta R.T.: -0.002 min
Response: 626234
Conc: 5.65 ug/ml



#17 n-Tricontane (C30)

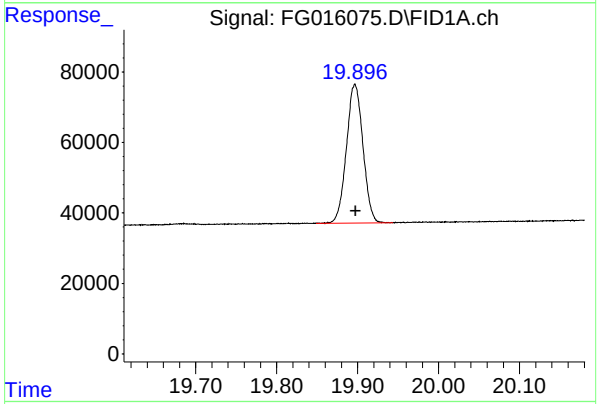
R.T.: 18.273 min
Delta R.T.: -0.002 min
Response: 640242
Conc: 5.71 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



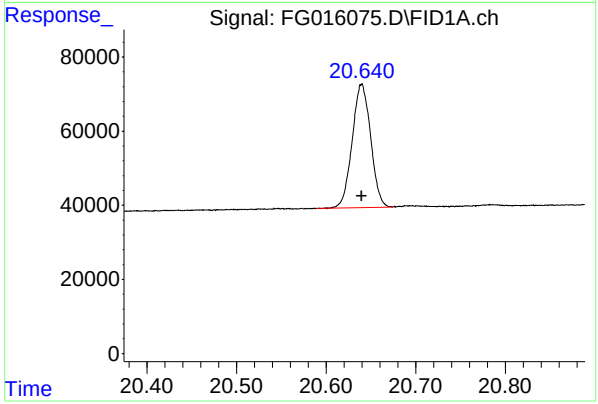
#18 n-Dotriacontane (C32)

R.T.: 19.110 min
Delta R.T.: -0.001 min
Response: 615463
Conc: 5.74 ug/ml



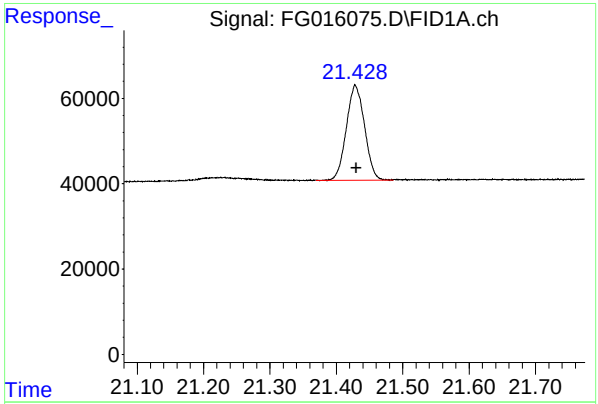
#19 n-Tetratriacontane (C34)

R.T.: 19.897 min
Delta R.T.: 0.000 min
Response: 558031
Conc: 5.73 ug/ml



#20 n-Hexatriacontane (C36)

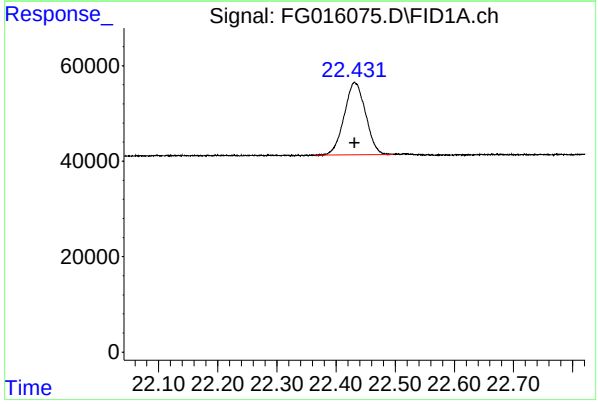
R.T.: 20.640 min
Delta R.T.: 0.000 min
Response: 476929
Conc: 5.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.428 min
Delta R.T.: -0.002 min
Response: 423048
Conc: 5.68 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.431 min
Delta R.T.: 0.000 min
Response: 380088
Conc: 5.56 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
Data File : FG016075.D
Signal(s) : FID1A.ch
Acq On : 13 Jun 2025 16:02
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.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	3.422	3.392	3.460	BB	61497	595428	84.35%	4.557%
2	4.680	4.648	4.714	BB	62269	602565	85.36%	4.612%
3	6.396	6.368	6.434	BB	70068	656045	92.93%	5.021%
4	6.857	6.830	6.890	BB	61239	603165	85.44%	4.616%
5	7.497	7.452	7.533	BB	65733	638058	90.39%	4.883%
6	8.696	8.657	8.736	BB	57684	604003	85.56%	4.623%
7	10.313	10.275	10.350	BB	56682	622758	88.22%	4.766%
8	11.766	11.722	11.803	BB	56123	638246	90.41%	4.885%
9	12.089	12.049	12.130	BB	63796	705923	100.00%	5.403%
10	13.084	13.039	13.126	BB	51725	621489	88.04%	4.756%
11	13.532	13.494	13.571	BB	47277	550881	78.04%	4.216%
12	13.701	13.657	13.736	BB	51653	620307	87.87%	4.747%
13	14.290	14.245	14.329	BB	52525	622270	88.15%	4.762%
14	15.400	15.355	15.435	BB	52156	632301	89.57%	4.839%
15	16.427	16.385	16.470	BB	49652	632980	89.67%	4.844%
16	17.382	17.348	17.420	BB	48741	626234	88.71%	4.793%
17	18.274	18.233	18.311	BB	45558	640242	90.70%	4.900%
18	19.110	19.060	19.161	BB	44682	615463	87.19%	4.710%
19	19.897	19.849	19.944	BB	39516	558031	79.05%	4.271%
20	20.640	20.589	20.675	BB	33201	476929	67.56%	3.650%
21	21.428	21.370	21.485	BB	22295	423048	59.93%	3.238%
22	22.431	22.366	22.496	BB	15228	380088	53.84%	2.909%
			Sum of corrected areas:			13066454		

Aliphatic EPH 061325.M Mon Jun 16 07:05:59 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
Data File : FG016076.D
Signal(s) : FID1A.ch
Acq On : 13 Jun 2025 16:31
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Jun 16 06:53:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:39:56 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)	12.092	2567824	19.902 ug/ml
Spiked Amount	50.000		Recovery =	39.80%
12) S	1-chlorooctadecane (S...	13.535	2004431	19.892 ug/ml
Spiked Amount	50.000		Recovery =	39.78%
	Target Compounds			
1) T	n-Nonane (C9)	3.421	2150053	19.872 ug/ml
2) T	n-Decane (C10)	4.679	2180482	19.878 ug/ml
3) T	A~Naphthalene (C11.7)	6.396	2378221	19.905 ug/ml
4) T	n-Dodecane (C12)	6.858	2189329	19.883 ug/ml
5) T	A~2-methylnaphthalene...	7.497	2315022	19.904 ug/ml
6) T	n-Tetradecane (C14)	8.697	2181040	19.860 ug/ml
7) T	n-Hexadecane (C16)	10.315	2260732	19.861 ug/ml
8) T	n-Octadecane (C18)	11.768	2313229	19.871 ug/ml
10) T	n-Eicosane (C20)	13.086	2264403	19.896 ug/ml
11) T	n-Heneicosane (C21)	13.702	2251669	19.889 ug/ml
13) T	n-Docosane (C22)	14.293	2260832	19.887 ug/ml
14) T	n-Tetracosane (C24)	15.402	2298513	19.933 ug/ml
15) T	n-Hexacosane (C26)	16.429	2295139	19.944 ug/ml
16) T	n-Octacosane (C28)	17.383	2262244	19.933 ug/ml
17) T	n-Tricontane (C30)	18.275	2280889	19.922 ug/ml
18) T	n-Dotriacontane (C32)	19.112	2171208	19.914 ug/ml
19) T	n-Tetratriacontane (C34)	19.899	1971723	19.930 ug/ml
20) T	n-Hexatriacontane (C36)	20.641	1693739	19.955 ug/ml
21) T	n-Octatriacontane (C38)	21.431	1505383	19.941 ug/ml
22) T	n-Tetracontane (C40)	22.436	1382050	19.987 ug/ml

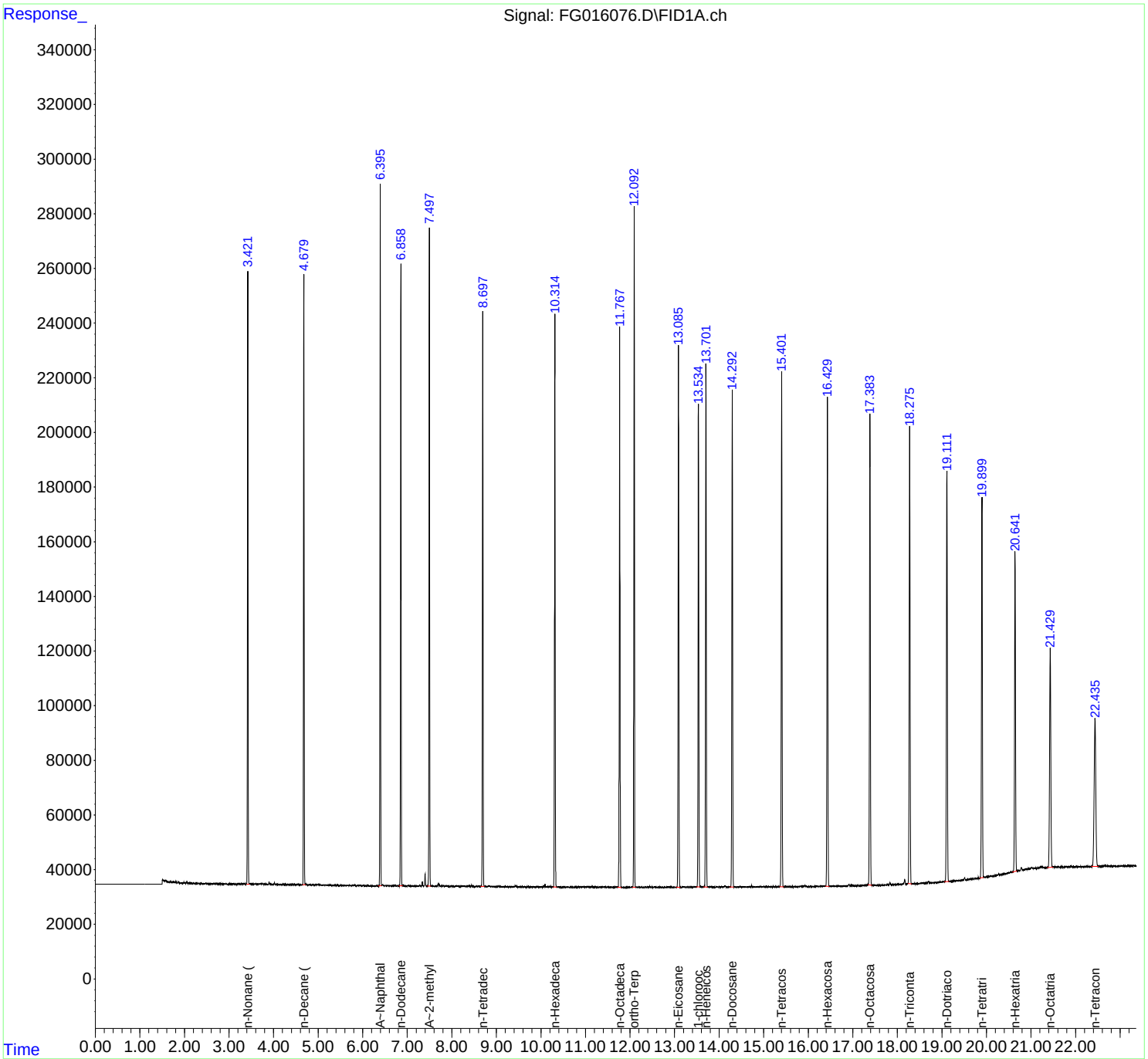
(f)=RT Delta > 1/2 Window (m)=manual int.

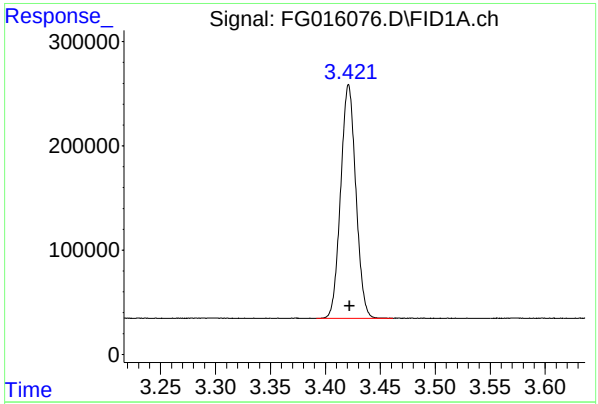
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
Data File : FG016076.D
Signal(s) : FID1A.ch
Acq On : 13 Jun 2025 16:31
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Jun 16 06:53:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:39:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

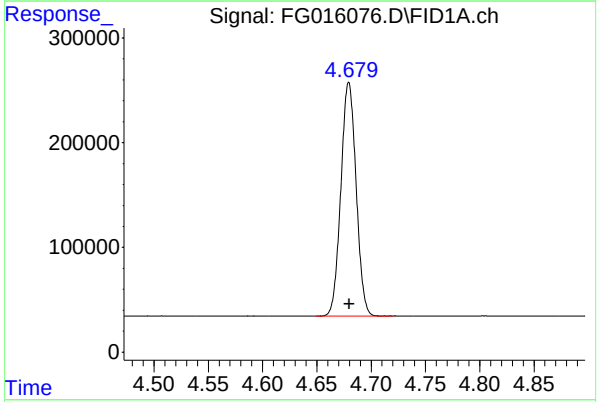




#1 n-Nonane (C9)

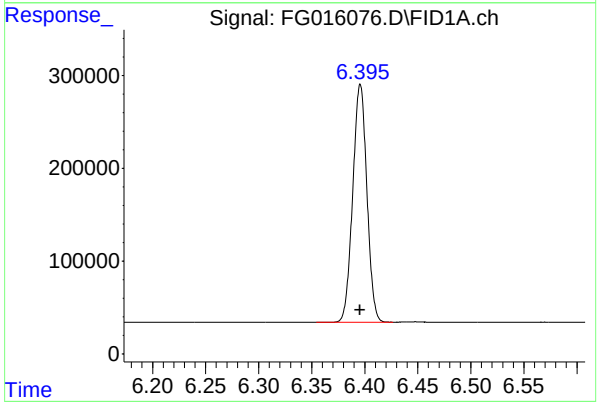
R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 2150053
Conc: 19.87 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



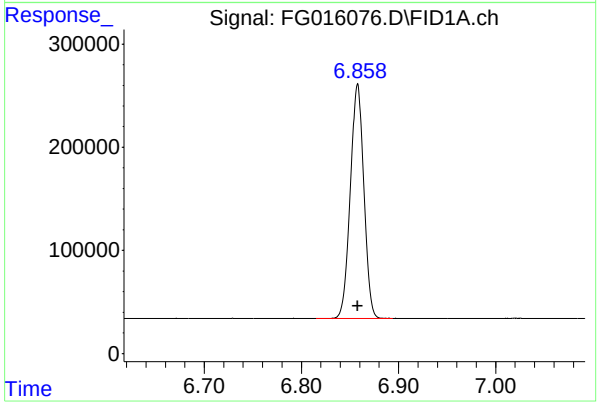
#2 n-Decane (C10)

R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 2180482
Conc: 19.88 ug/ml



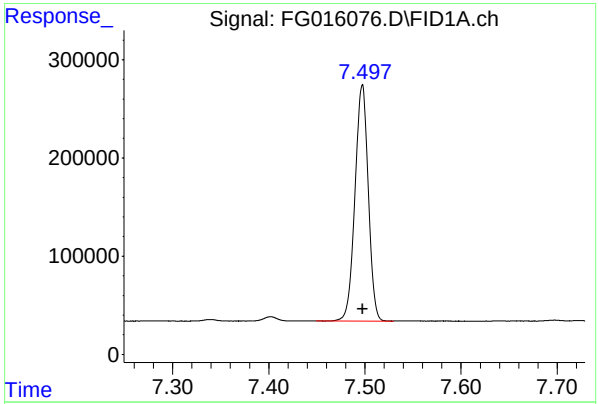
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 2378221
Conc: 19.90 ug/ml



#4 n-Dodecane (C12)

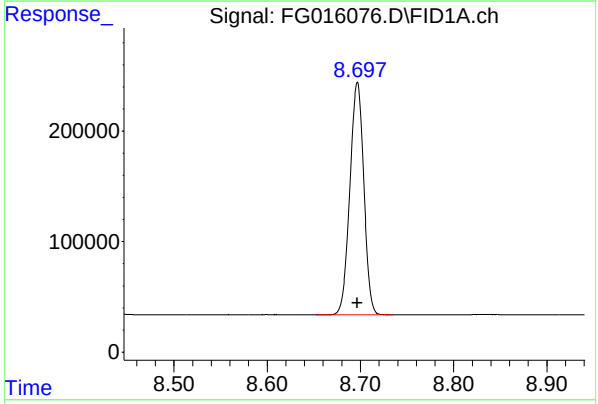
R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 2189329
Conc: 19.88 ug/ml



#5 A~2-methylnaphthalene (C12.89)

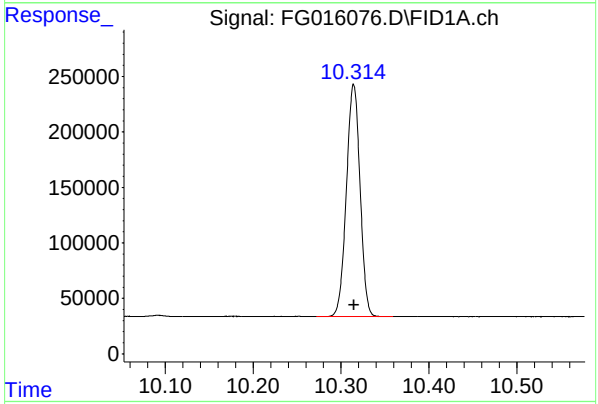
R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 2315022
Conc: 19.90 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



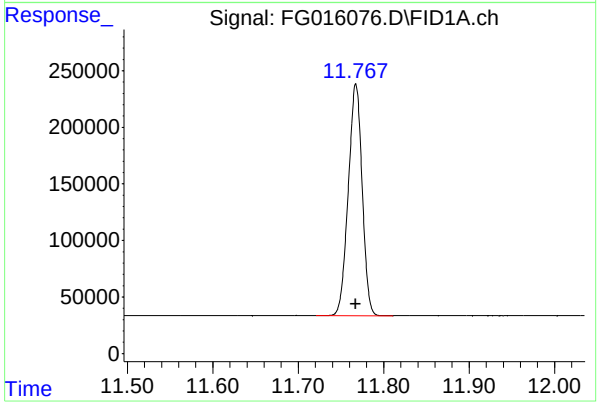
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.000 min
Response: 2181040
Conc: 19.86 ug/ml



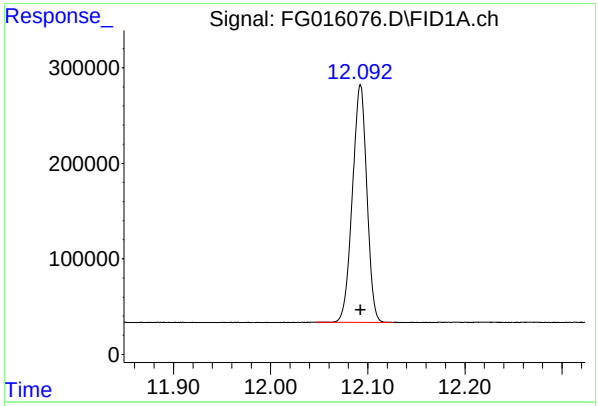
#7 n-Hexadecane (C16)

R.T.: 10.315 min
Delta R.T.: 0.000 min
Response: 2260732
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

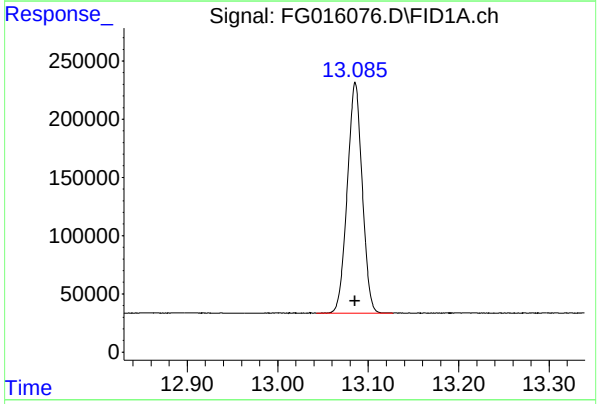
R.T.: 11.768 min
Delta R.T.: 0.000 min
Response: 2313229
Conc: 19.87 ug/ml



#9 ortho-Terphenyl (SURR)

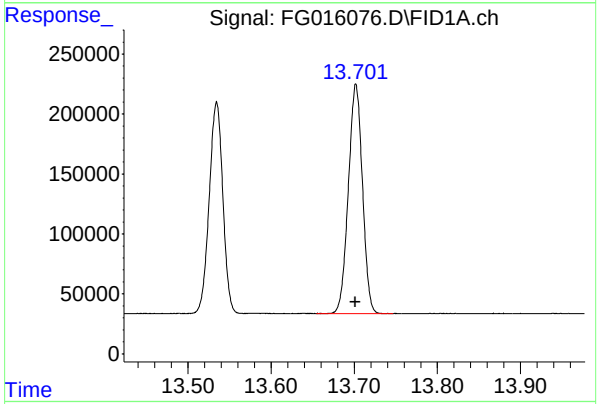
R.T.: 12.092 min
Delta R.T.: 0.000 min
Response: 2567824
Conc: 19.90 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



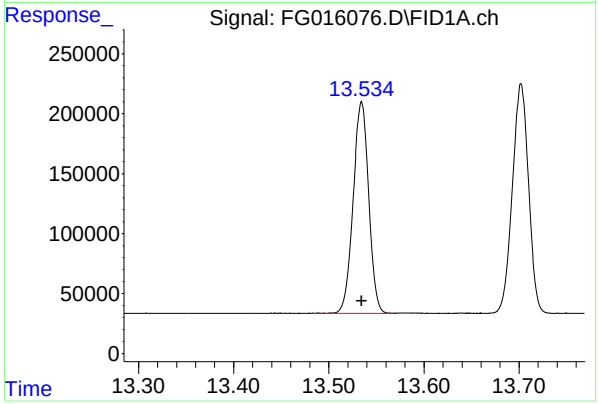
#10 n-Eicosane (C20)

R.T.: 13.086 min
Delta R.T.: 0.000 min
Response: 2264403
Conc: 19.90 ug/ml



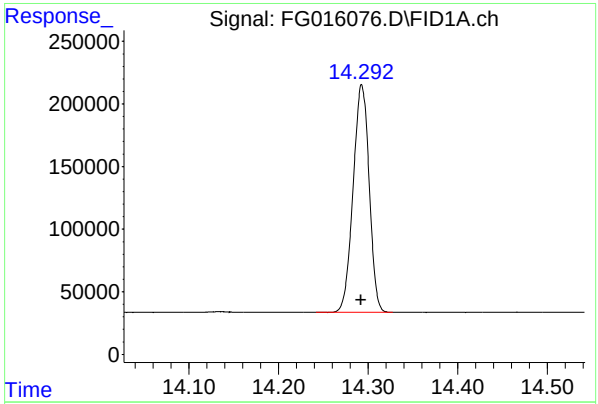
#11 n-Heneicosane (C21)

R.T.: 13.702 min
Delta R.T.: 0.000 min
Response: 2251669
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

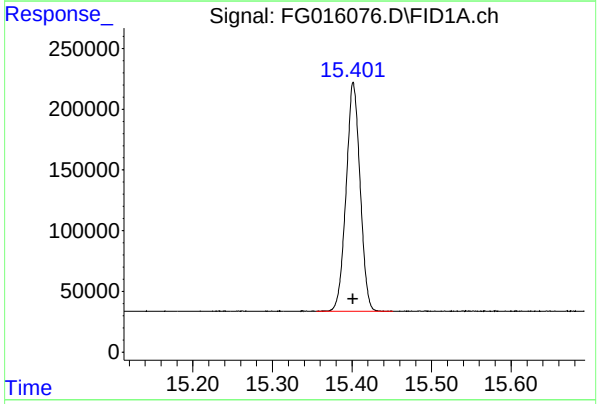
R.T.: 13.535 min
Delta R.T.: 0.000 min
Response: 2004431
Conc: 19.89 ug/ml



#13 n-Docosane (C22)

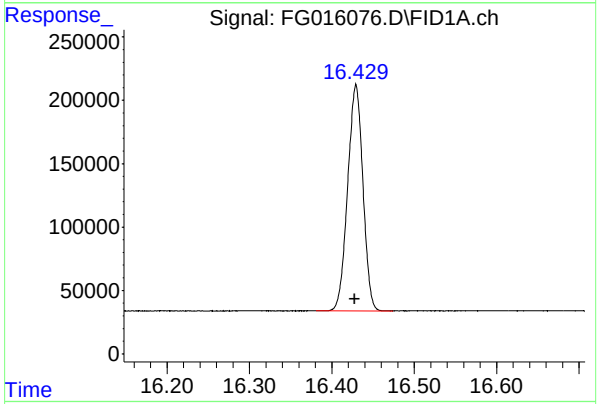
R.T.: 14.293 min
Delta R.T.: 0.000 min
Response: 2260832
Conc: 19.89 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



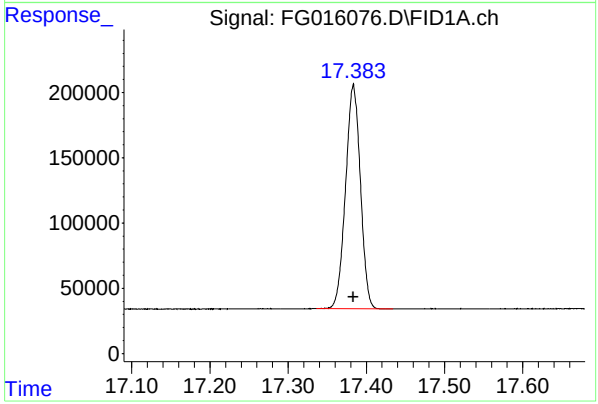
#14 n-Tetracosane (C24)

R.T.: 15.402 min
Delta R.T.: 0.000 min
Response: 2298513
Conc: 19.93 ug/ml



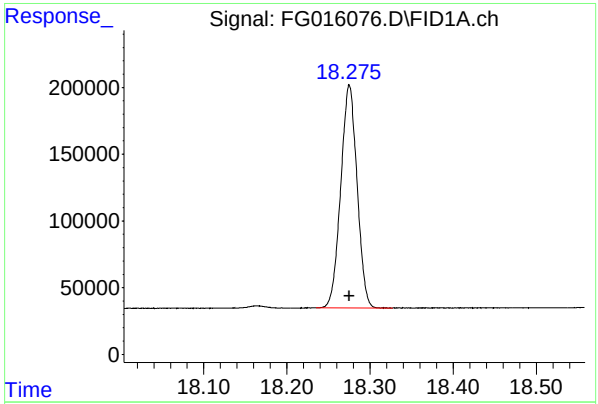
#15 n-Hexacosane (C26)

R.T.: 16.429 min
Delta R.T.: 0.001 min
Response: 2295139
Conc: 19.94 ug/ml



#16 n-Octacosane (C28)

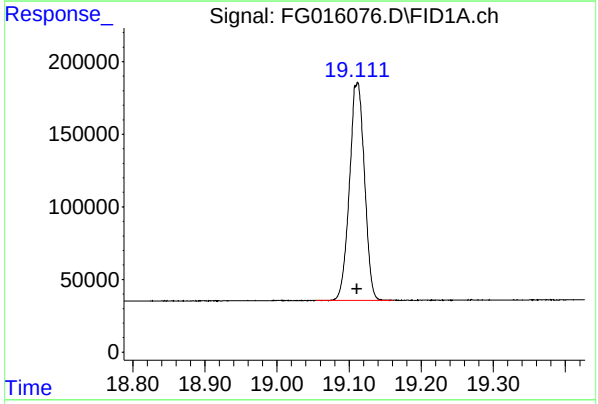
R.T.: 17.383 min
Delta R.T.: 0.000 min
Response: 2262244
Conc: 19.93 ug/ml



#17 n-Tricontane (C30)

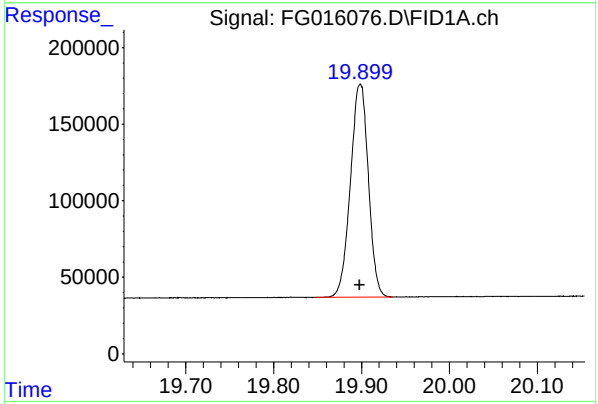
R.T.: 18.275 min
Delta R.T.: 0.000 min
Response: 2280889
Conc: 19.92 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



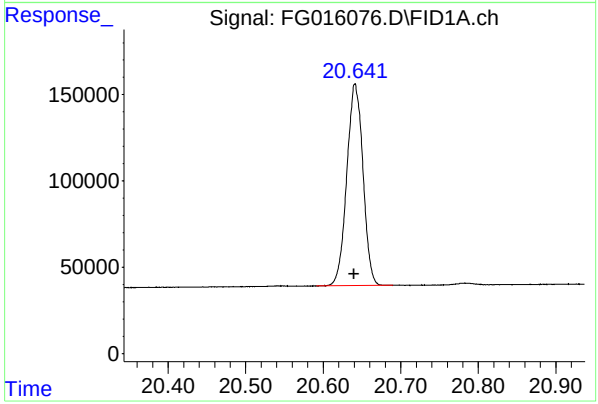
#18 n-Dotriacontane (C32)

R.T.: 19.112 min
Delta R.T.: 0.000 min
Response: 2171208
Conc: 19.91 ug/ml



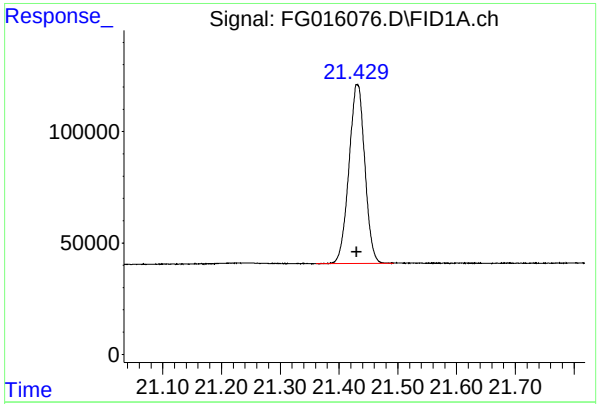
#19 n-Tetratriacontane (C34)

R.T.: 19.899 min
Delta R.T.: 0.000 min
Response: 1971723
Conc: 19.93 ug/ml



#20 n-Hexatriacontane (C36)

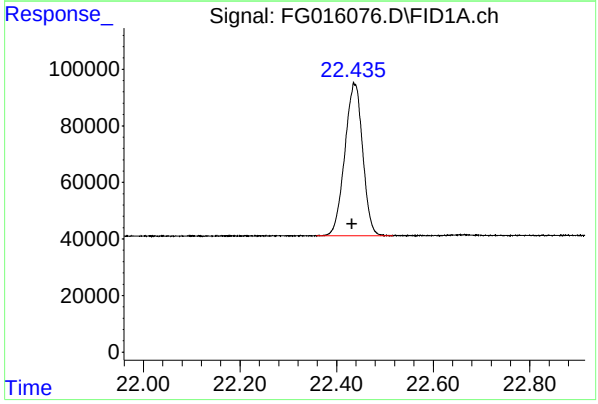
R.T.: 20.641 min
Delta R.T.: 0.001 min
Response: 1693739
Conc: 19.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.431 min
Delta R.T.: 0.000 min
Response: 1505383
Conc: 19.94 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.436 min
Delta R.T.: 0.004 min
Response: 1382050
Conc: 19.99 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
Data File : FG016076.D
Signal(s) : FID1A.ch
Acq On : 13 Jun 2025 16:31
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.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	3.421	3.392	3.462	BB	224170	2150053	83.73%	4.557%
2	4.679	4.649	4.720	BB	223134	2180482	84.92%	4.622%
3	6.396	6.354	6.427	BB	256642	2378221	92.62%	5.041%
4	6.858	6.815	6.894	BB	227162	2189329	85.26%	4.641%
5	7.497	7.449	7.529	BB	240781	2315022	90.15%	4.907%
6	8.697	8.652	8.735	BB	210461	2181040	84.94%	4.623%
7	10.315	10.272	10.359	BB	209250	2260732	88.04%	4.792%
8	11.768	11.721	11.811	BB	204807	2313229	90.09%	4.903%
9	12.092	12.047	12.126	BB	248620	2567824	100.00%	5.443%
10	13.086	13.043	13.128	BB	197777	2264403	88.18%	4.800%
11	13.535	13.487	13.568	BB	176385	2004431	78.06%	4.249%
12	13.702	13.654	13.747	BB	191654	2251669	87.69%	4.773%
13	14.293	14.242	14.328	BB	181842	2260832	88.04%	4.792%
14	15.402	15.355	15.452	BB	188413	2298513	89.51%	4.872%
15	16.429	16.381	16.474	BB	178837	2295139	89.38%	4.865%
16	17.383	17.336	17.434	BB	171759	2262244	88.10%	4.795%
17	18.275	18.235	18.328	BB	167252	2280889	88.83%	4.835%
18	19.112	19.054	19.161	BB	150243	2171208	84.55%	4.602%
19	19.899	19.848	19.936	BB	138997	1971723	76.79%	4.179%
20	20.641	20.591	20.690	BB	116814	1693739	65.96%	3.590%
21	21.431	21.361	21.492	BB	80078	1505383	58.62%	3.191%
22	22.436	22.358	22.517	BB	53575	1382050	53.82%	2.929%
			Sum of corrected areas:			47178153		

Aliphatic EPH 061325.M Mon Jun 16 07:06:16 2025

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

Continuing Calibration Report for SequenceID : FG070725AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FG016226.D**						
Aliphatic EPH	36278506.000	360.000	3.313	22.561	100773.628	105812.455	4.762
Aliphatic C9-C12	6491363.000	60.000	3.313	6.958	108189.383	109333.554	1.046
Aliphatic C12-C16	4445457.000	40.000	6.959	10.419	111136.425	111824.611	0.615
Aliphatic C16-C21	6767206.000	60.000	10.420	13.811	112786.767	114479.647	1.479
Aliphatic C21-C28	8618135.000	80.000	13.812	17.498	107726.688	114390.192	5.825
Aliphatic C28-C40	9956345.000	120.000	17.499	22.561	82969.542	91995.767	9.812

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:	07 Jul 2025 10:55
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016226.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.313	6.958	6491363.000	60.000	ug/ml
Aliphatic C12-C16	6.959	10.419	4445457.000	40.000	ug/ml
Aliphatic C16-C21	10.420	13.811	6767206.000	60.000	ug/ml
Aliphatic C21-C28	13.812	17.498	8618135.000	80.000	ug/ml
Aliphatic C28-C40	17.499	22.561	9956345.000	120.000	ug/ml
Aliphatic EPH	3.313	22.561	36278506.000	360.000	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016226.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 10:55
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File: autoint1.e
Quant Time: Jul 08 02:22:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 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)	12.099	2537023	19.663 ug/ml
Spiked Amount	50.000		Recovery =	39.33%
12) S	1-chlorooctadecane (S...	13.543	1962206	19.473 ug/ml
Spiked Amount	50.000		Recovery =	38.95%
	Target Compounds			
1) T	n-Nonane (C9)	3.413	2133269	19.716 ug/ml
2) T	n-Decane (C10)	4.676	2168689	19.771 ug/ml
3) T	A~Naphthalene (C11.7)	6.396	2397156	20.063 ug/ml
4) T	n-Dodecane (C12)	6.858	2189405	19.884 ug/ml
5) T	A~2-methylnaphthalene...	7.499	2338698	20.108 ug/ml
6) T	n-Tetradecane (C14)	8.699	2180564	19.856 ug/ml
7) T	n-Hexadecane (C16)	10.319	2264893	19.897 ug/ml
8) T	n-Octadecane (C18)	11.774	2303862	19.790 ug/ml
10) T	n-Eicosane (C20)	13.095	2243464	19.712 ug/ml
11) T	n-Heneicosane (C21)	13.711	2219880	19.608 ug/ml
13) T	n-Docosane (C22)	14.302	2212662	19.464 ug/ml
14) T	n-Tetracosane (C24)	15.414	2203734	19.111 ug/ml
15) T	n-Hexacosane (C26)	16.441	2146361	18.651 ug/ml
16) T	n-Octacosane (C28)	17.398	2055378	18.111 ug/ml
17) T	n-Tricontane (C30)	18.291	2019510	17.639 ug/ml
18) T	n-Dotriacontane (C32)	19.128	1896171	17.391 ug/ml
19) T	n-Tetratriacontane (C34)	19.916	1743794	17.626 ug/mlm
20) T	n-Hexatriacontane (C36)	20.660	1564750	18.435 ug/mlm
21) T	n-Octatriacontane (C38)	21.455	1390697	18.422 ug/ml
22) T	n-Tetracontane (C40)	22.461	1341423	19.399 ug/mlm

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016226.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 10:55
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

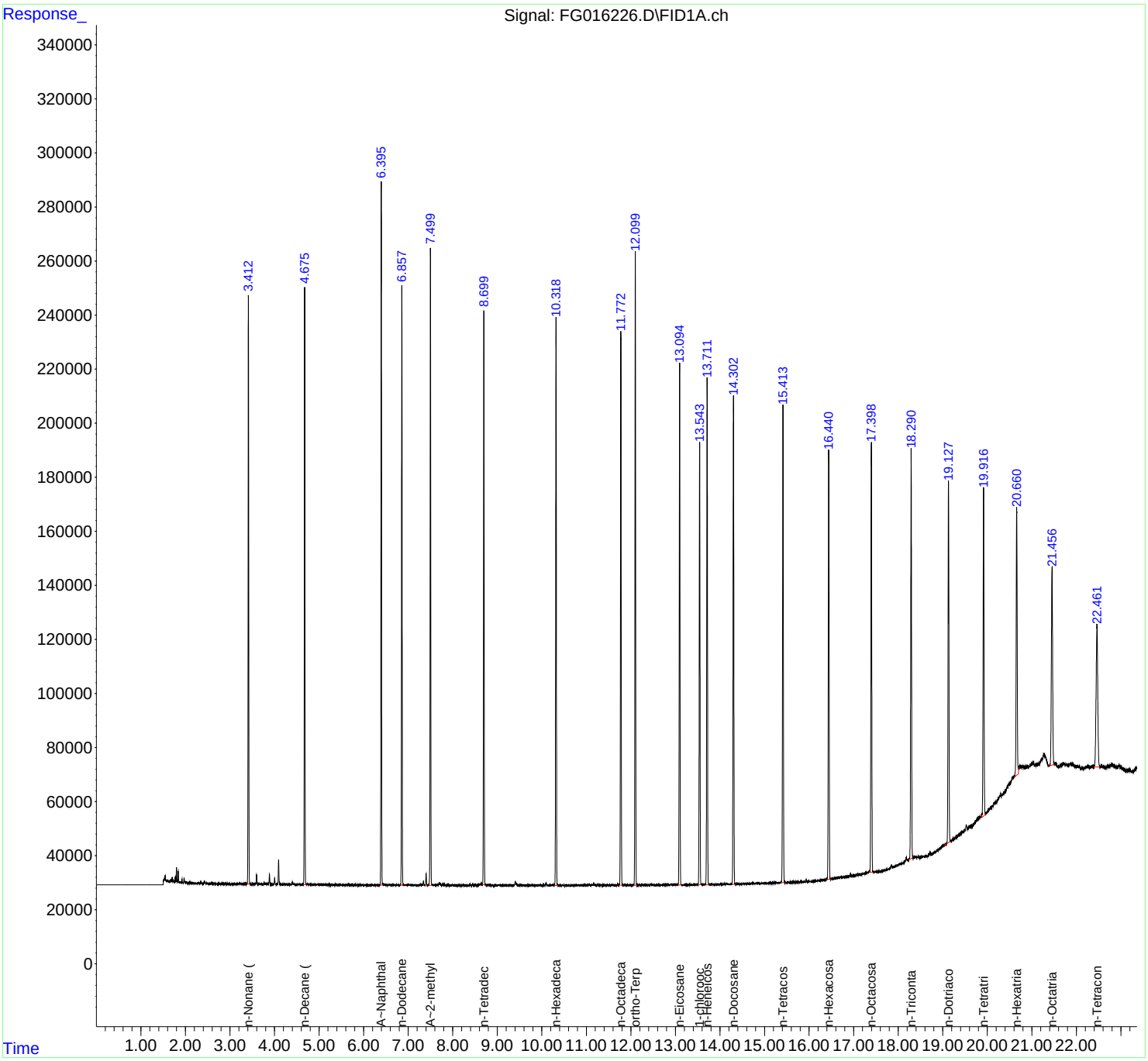
Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File: autoint1.e
Quant Time: Jul 08 02:22:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Instrument :
FID_G
LabSampleId :
20 PPM ALIPHATIC HC STD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG07072
Data File : FG016226.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 10:55
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.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	3.413	3.374	3.457	BB	217726	2133269	84.09%	4.676%
2	4.676	4.642	4.714	BB	220772	2168689	85.48%	4.753%
3	6.396	6.365	6.430	BB	259345	2397156	94.49%	5.254%
4	6.858	6.825	6.898	BB	221504	2189405	86.30%	4.799%
5	7.499	7.459	7.535	BB	235386	2338698	92.18%	5.126%
6	8.699	8.665	8.737	BB	212232	2180564	85.95%	4.779%
7	10.319	10.281	10.363	BB	209205	2264893	89.27%	4.964%
8	11.774	11.733	11.818	BB	202392	2303862	90.81%	5.049%
9	12.099	12.065	12.144	BB	234619	2537023	100.00%	5.561%
10	13.095	13.059	13.140	BB	193035	2243464	88.43%	4.917%
11	13.543	13.506	13.577	BB	164018	1962206	77.34%	4.301%
12	13.711	13.675	13.748	BB	187587	2219880	87.50%	4.865%
13	14.302	14.265	14.348	BB	180680	2212662	87.21%	4.850%
14	15.414	15.369	15.455	BB	176487	2203734	86.86%	4.830%
15	16.441	16.390	16.487	BB	158683	2146361	84.60%	4.704%
16	17.398	17.347	17.447	BB	159055	2055378	81.02%	4.505%
17	18.291	18.238	18.329	BB	151572	2019510	79.60%	4.426%
18	19.128	19.031	19.176	BB	133191	1896171	74.74%	4.156%
19	19.917	19.625	19.970	BV	121394	1791544	70.62%	3.927%
20	20.660	20.311	20.696	PV	98664	1643237	64.77%	3.602%
21	21.455	21.384	21.506	BV	73571	1390697	54.82%	3.048%
22	22.462	22.351	22.522	BV	52257	1327288	52.32%	2.909%
			Sum of corrected areas:			45625692		

Aliphatic EPH 061325.M Tue Jul 08 06:11:45 2025

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

Continuing Calibration Report for SequenceID : FG070725AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FG016235.D**						
Aliphatic EPH	37684618.000	360.000	3.313	22.561	104679.494	105812.455	1.071
Aliphatic C9-C12	6726134.000	60.000	3.313	6.958	112102.233	109333.554	-2.532
Aliphatic C12-C16	4611275.000	40.000	6.959	10.419	115281.875	111824.611	-3.092
Aliphatic C16-C21	7009172.000	60.000	10.420	13.811	116819.533	114479.647	-2.044
Aliphatic C21-C28	8970723.000	80.000	13.812	17.498	112134.038	114390.192	1.972
Aliphatic C28-C40	10367314.000	120.000	17.499	22.561	86394.283	91995.767	6.089

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:	07 Jul 2025 19:30
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016235.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.313	6.958	6726134.000	60.000	ug/ml
Aliphatic C12-C16	6.959	10.419	4611275.000	40.000	ug/ml
Aliphatic C16-C21	10.420	13.811	7009172.000	60.000	ug/ml
Aliphatic C21-C28	13.812	17.498	8970723.000	80.000	ug/ml
Aliphatic C28-C40	17.499	22.561	10367314.000	120.000	ug/ml
Aliphatic EPH	3.313	22.561	37684618.000	360.000	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016235.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 19:30
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 08 02:24:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 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)	12.095	2621963	20.321 ug/ml
Spiked Amount	50.000		Recovery =	40.64%
12)	S 1-chlorooctadecane (S...	13.538	2037148	20.217 ug/ml
Spiked Amount	50.000		Recovery =	40.43%
	Target Compounds			
1)	T n-Nonane (C9)	3.413	2210679	20.432 ug/ml
2)	T n-Decane (C10)	4.675	2248181	20.495 ug/ml
3)	T A~Naphthalene (C11.7)	6.393	2479156	20.749 ug/ml
4)	T n-Dodecane (C12)	6.855	2267274	20.591 ug/ml
5)	T A~2-methylnaphthalene...	7.496	2415754	20.770 ug/ml
6)	T n-Tetradecane (C14)	8.696	2264981	20.625 ug/ml
7)	T n-Hexadecane (C16)	10.316	2346294	20.612 ug/ml
8)	T n-Octadecane (C18)	11.770	2387002	20.504 ug/ml
10)	T n-Eicosane (C20)	13.090	2323279	20.413 ug/ml
11)	T n-Heneicosane (C21)	13.706	2298891	20.306 ug/ml
13)	T n-Docosane (C22)	14.297	2294268	20.182 ug/ml
14)	T n-Tetracosane (C24)	15.409	2286783	19.831 ug/ml
15)	T n-Hexacosane (C26)	16.437	2235019	19.422 ug/ml
16)	T n-Octacosane (C28)	17.392	2154653	18.985 ug/ml
17)	T n-Tricontane (C30)	18.286	2138092	18.675 ug/ml
18)	T n-Dotriacontane (C32)	19.125	2011246	18.447 ug/ml
19)	T n-Tetratriacontane (C34)	19.913	1823084	18.427 ug/ml
20)	T n-Hexatriacontane (C36)	20.658	1575984	18.567 ug/ml
21)	T n-Octatriacontane (C38)	21.449	1438851	19.060 ug/ml
22)	T n-Tetracontane (C40)	22.454	1380057	19.958 ug/ml

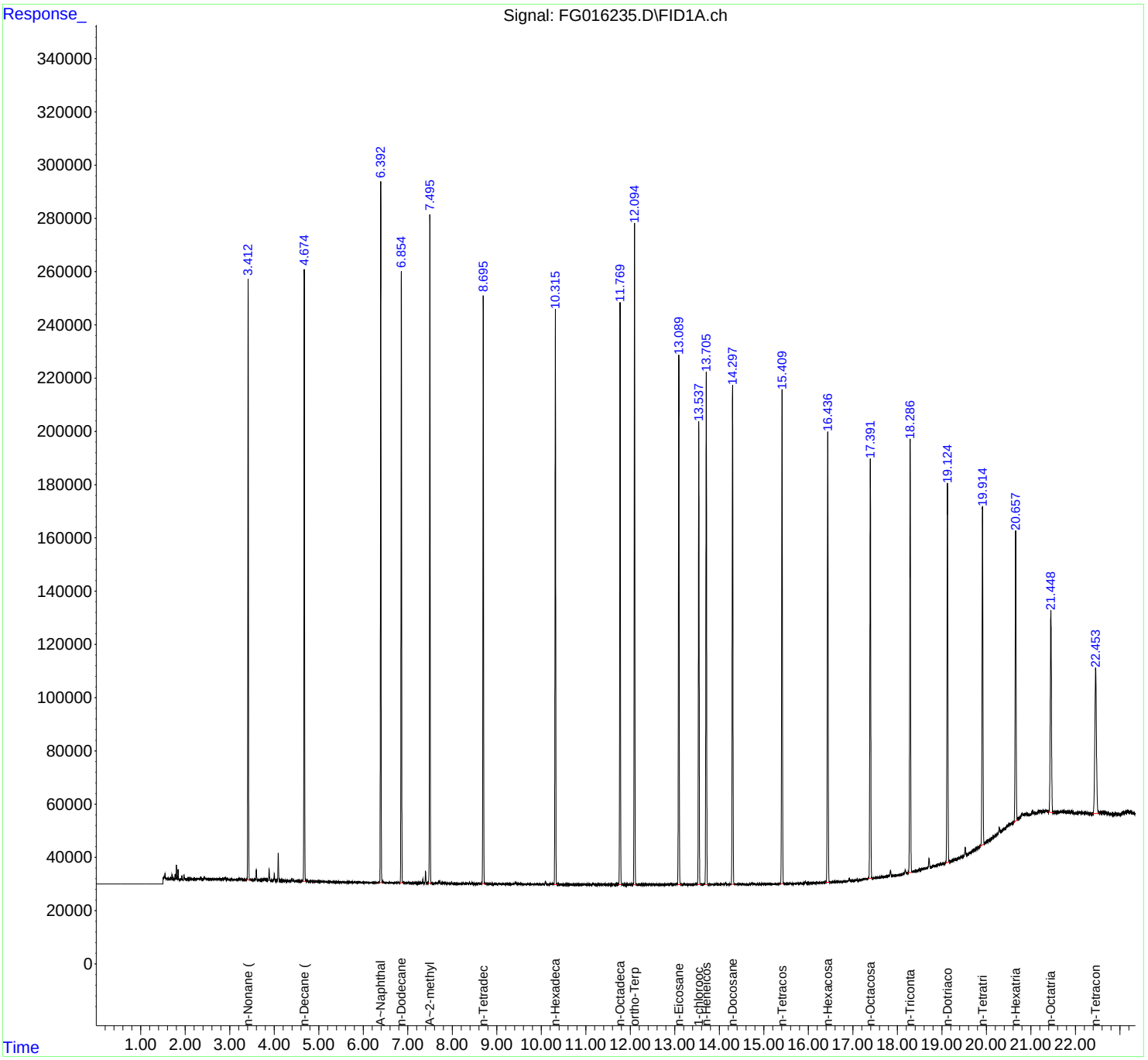
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016235.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 19:30
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 08 02:24:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016235.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 19:30
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.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	3.413	3.374	3.455	BB	225539	2210679	84.31%	4.680%
2	4.675	4.631	4.715	BB	229625	2248181	85.74%	4.759%
3	6.393	6.350	6.430	BB	263013	2479156	94.55%	5.248%
4	6.855	6.813	6.895	BB	229120	2267274	86.47%	4.800%
5	7.496	7.457	7.527	BB	251440	2415754	92.14%	5.114%
6	8.696	8.662	8.735	BB	220654	2264981	86.38%	4.795%
7	10.316	10.283	10.361	BB	216044	2346294	89.49%	4.967%
8	11.770	11.730	11.805	BB	216156	2387002	91.04%	5.053%
9	12.095	12.061	12.136	BB	247802	2621963	100.00%	5.550%
10	13.090	13.050	13.137	BB	198476	2323279	88.61%	4.918%
11	13.538	13.503	13.586	BB	173663	2037148	77.70%	4.312%
12	13.706	13.669	13.746	BB	191911	2298891	87.68%	4.867%
13	14.297	14.259	14.341	BB	186695	2294268	87.50%	4.857%
14	15.409	15.372	15.449	BB	185337	2286783	87.22%	4.841%
15	16.437	16.390	16.481	BB	169162	2235019	85.24%	4.731%
16	17.392	17.344	17.435	BB	156048	2154653	82.18%	4.561%
17	18.286	18.234	18.329	BB	162749	2138092	81.55%	4.526%
18	19.125	19.073	19.178	BB	142263	2011246	76.71%	4.258%
19	19.913	19.856	19.950	BB	126317	1823084	69.53%	3.859%
20	20.658	20.605	20.692	BB	108969	1575984	60.11%	3.336%
21	21.449	21.386	21.515	BB	75806	1438851	54.88%	3.046%
22	22.454	22.380	22.539	BB	54719	1380057	52.63%	2.921%
			Sum of corrected areas:			47238639		

Aliphatic EPH 061325.M Tue Jul 08 06:14:38 2025

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Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FG070825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FG016238.D**						
Aliphatic C9-C12	6761365.000	60.000	3.312	6.954	112689.417	109333.554	-3.069
Aliphatic C12-C16	4654830.000	40.000	6.955	10.414	116370.750	111824.611	-4.065
Aliphatic C16-C21	7097103.000	60.000	10.415	13.806	118285.050	114479.647	-3.324
Aliphatic C21-C28	9336915.000	80.000	13.807	17.493	116711.438	114390.192	-2.029
Aliphatic C28-C40	10633567.000	120.000	17.494	22.553	88613.058	91995.767	3.677
Aliphatic EPH	38483780.000	360.000	3.312	22.553	106899.389	105812.455	-1.027

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Fax : 908 789 8922

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	08 Jul 2025 10:17
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016238.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.312	6.954	6761365.000	60.000	ug/ml
Aliphatic C12-C16	6.955	10.414	4654830.000	40.000	ug/ml
Aliphatic C16-C21	10.415	13.806	7097103.000	60.000	ug/ml
Aliphatic C21-C28	13.807	17.493	9336915.000	80.000	ug/ml
Aliphatic C28-C40	17.494	22.553	10633567.000	120.000	ug/ml
Aliphatic EPH	3.312	22.553	38483780.000	360.000	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825AL\
Data File : FG016238.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 10:17
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File: autoint1.e
Quant Time: Jul 09 03:56:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 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)	12.093	2647798	20.522 ug/ml
Spiked Amount	50.000		Recovery =	41.04%
12)	S 1-chlorooctadecane (S...	13.538	2051257	20.357 ug/ml
Spiked Amount	50.000		Recovery =	40.71%
	Target Compounds			
1)	T n-Nonane (C9)	3.412	2218230	20.502 ug/ml
2)	T n-Decane (C10)	4.674	2258149	20.586 ug/ml
3)	T A~Naphthalene (C11.7)	6.391	2494547	20.878 ug/ml
4)	T n-Dodecane (C12)	6.854	2284986	20.752 ug/ml
5)	T A~2-methylnaphthalene...	7.495	2433511	20.923 ug/ml
6)	T n-Tetradecane (C14)	8.695	2286993	20.825 ug/ml
7)	T n-Hexadecane (C16)	10.314	2367837	20.801 ug/ml
8)	T n-Octadecane (C18)	11.769	2415807	20.752 ug/ml
10)	T n-Eicosane (C20)	13.089	2356961	20.709 ug/ml
11)	T n-Heneicosane (C21)	13.706	2324335	20.531 ug/ml
13)	T n-Docosane (C22)	14.297	2347738	20.652 ug/ml
14)	T n-Tetracosane (C24)	15.409	2378792	20.629 ug/ml
15)	T n-Hexacosane (C26)	16.436	2345150	20.379 ug/ml
16)	T n-Octacosane (C28)	17.393	2265235	19.960 ug/ml
17)	T n-Tricontane (C30)	18.286	2218425	19.377 ug/ml
18)	T n-Dotriacontane (C32)	19.124	2072531	19.009 ug/ml
19)	T n-Tetratriacontane (C34)	19.912	1846086	18.660 ug/ml
20)	T n-Hexatriacontane (C36)	20.657	1601922	18.873 ug/mlm
21)	T n-Octatriacontane (C38)	21.445	1482301	19.635 ug/ml
22)	T n-Tetracontane (C40)	22.453	1412302	20.424 ug/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825AL\
Data File : FG016238.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 10:17
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

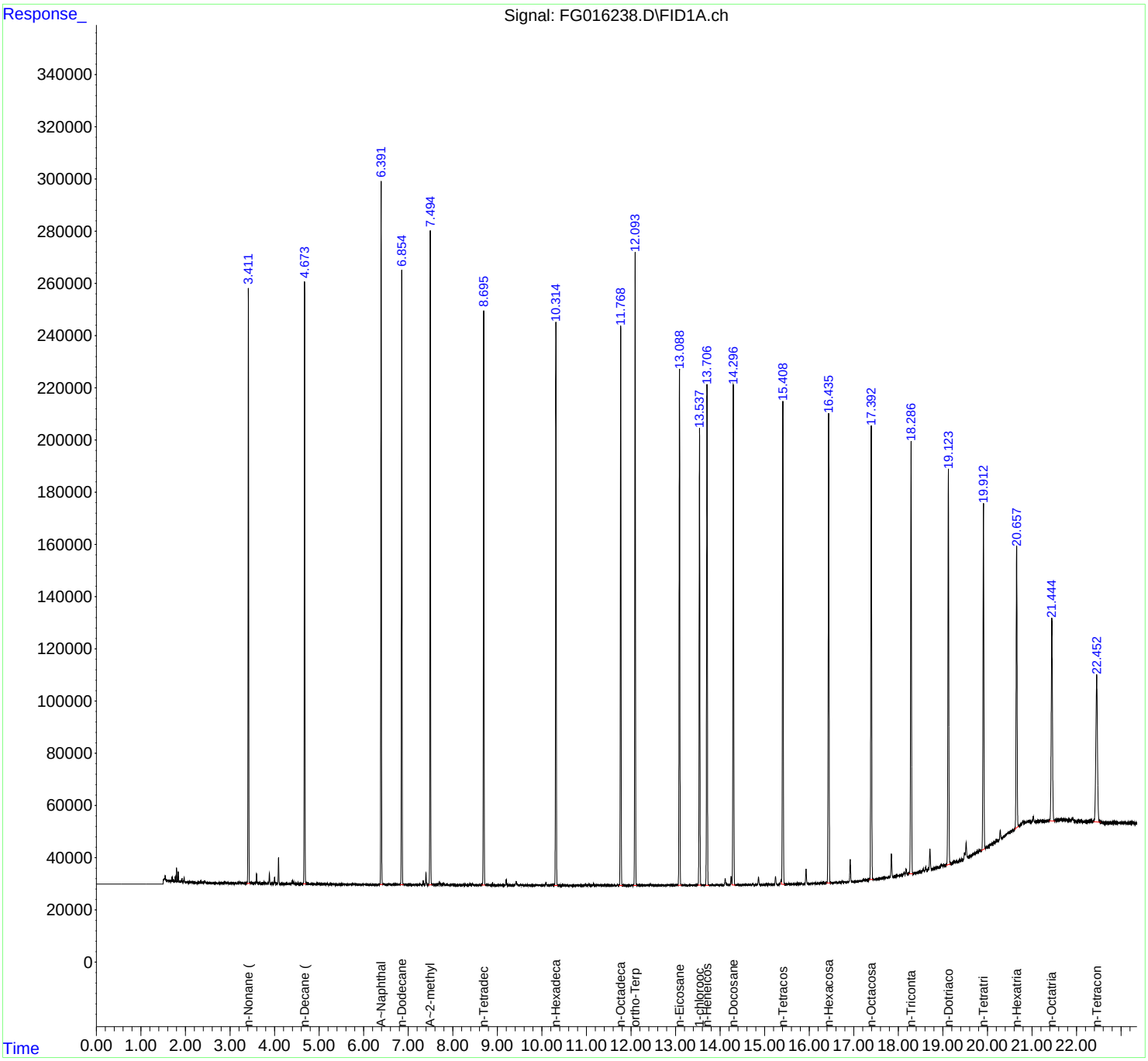
Integration File: autoint1.e
Quant Time: Jul 09 03:56:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



Instrument :
FID_G
LabSampleId :
20 PPM ALIPHATIC HC STD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG07082
Data File : FG016238.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 10:17
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.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	3.412	3.372	3.453	BB	227970	2218230	83.78%	4.612%
2	4.674	4.638	4.704	BB	230724	2258149	85.28%	4.695%
3	6.391	6.362	6.427	BB	269644	2494547	94.21%	5.186%
4	6.854	6.820	6.896	BB	235301	2284986	86.30%	4.750%
5	7.495	7.447	7.537	BB	250559	2433511	91.91%	5.059%
6	8.695	8.649	8.731	BB	219984	2286993	86.37%	4.754%
7	10.314	10.272	10.354	BB	215545	2367837	89.43%	4.923%
8	11.769	11.726	11.816	BB	214075	2415807	91.24%	5.022%
9	12.093	12.048	12.131	BB	242612	2647798	100.00%	5.505%
10	13.089	13.051	13.138	BB	197627	2356961	89.02%	4.900%
11	13.538	13.501	13.578	BB	173775	2051257	77.47%	4.264%
12	13.706	13.668	13.748	BB	191511	2324335	87.78%	4.832%
13	14.297	14.266	14.347	VB	190604	2347738	88.67%	4.881%
14	15.409	15.378	15.455	VB	185150	2378792	89.84%	4.945%
15	16.436	16.389	16.483	BB	179652	2345150	88.57%	4.875%
16	17.393	17.343	17.429	BB	173565	2265235	85.55%	4.709%
17	18.286	18.233	18.328	BB	164939	2218425	83.78%	4.612%
18	19.124	19.069	19.173	BB	151390	2072531	78.27%	4.309%
19	19.912	19.856	19.947	BB	132378	1846086	69.72%	3.838%
20	20.657	20.532	20.693	BB	107585	1592863	60.16%	3.311%
21	21.445	21.382	21.520	BB	77756	1482301	55.98%	3.082%
22	22.453	22.374	22.550	BBA	55902	1412302	53.34%	2.936%
			Sum of corrected areas:			48101834		

Aliphatic EPH 061325.M Wed Jul 09 04:26:47 2025

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

Continuing Calibration Report for SequenceID : FG070825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FG016242.D**						
Aliphatic C9-C12	6841688.000	60.000	3.312	6.954	114028.133	109333.554	-4.294
Aliphatic C12-C16	4689449.000	40.000	6.955	10.414	117236.225	111824.611	-4.839
Aliphatic C16-C21	7109672.000	60.000	10.415	13.806	118494.533	114479.647	-3.507
Aliphatic C21-C28	9356236.000	80.000	13.807	17.493	116952.950	114390.192	-2.240
Aliphatic C28-C40	10697536.000	120.000	17.494	22.553	89146.133	91995.767	3.098
Aliphatic EPH	38694581.000	360.000	3.312	22.553	107484.947	105812.455	-1.581

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:	08 Jul 2025 12:54
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016242.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.312	6.954	6841688.000	60.000	ug/ml
Aliphatic C12-C16	6.955	10.414	4689449.000	40.000	ug/ml
Aliphatic C16-C21	10.415	13.806	7109672.000	60.000	ug/ml
Aliphatic C21-C28	13.807	17.493	9356236.000	80.000	ug/ml
Aliphatic C28-C40	17.494	22.553	10697536.000	120.000	ug/ml
Aliphatic EPH	3.312	22.553	38694581.000	360.000	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825AL\
Data File : FG016242.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 12:54
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 09 03:57:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 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)	12.093	2646745	20.513 ug/ml
Spiked Amount	50.000		Recovery =	41.03%
12)	S 1-chlorooctadecane (S...	13.538	2052852	20.373 ug/ml
Spiked Amount	50.000		Recovery =	40.75%
	Target Compounds			
1)	T n-Nonane (C9)	3.412	2246973	20.767 ug/ml
2)	T n-Decane (C10)	4.674	2287440	20.853 ug/ml
3)	T A~Naphthalene (C11.7)	6.392	2518835	21.082 ug/ml
4)	T n-Dodecane (C12)	6.854	2307275	20.954 ug/ml
5)	T A~2-methylnaphthalene...	7.495	2451895	21.081 ug/ml
6)	T n-Tetradecane (C14)	8.695	2304457	20.984 ug/ml
7)	T n-Hexadecane (C16)	10.314	2384992	20.952 ug/ml
8)	T n-Octadecane (C18)	11.769	2422760	20.811 ug/ml
10)	T n-Eicosane (C20)	13.089	2360762	20.743 ug/ml
11)	T n-Heneicosane (C21)	13.706	2326150	20.547 ug/ml
13)	T n-Docosane (C22)	14.296	2348473	20.658 ug/ml
14)	T n-Tetracosane (C24)	15.407	2378870	20.630 ug/ml
15)	T n-Hexacosane (C26)	16.435	2351173	20.431 ug/ml
16)	T n-Octacosane (C28)	17.392	2277720	20.070 ug/ml
17)	T n-Tricontane (C30)	18.285	2237834	19.546 ug/ml
18)	T n-Dotriacontane (C32)	19.122	2093038	19.197 ug/ml
19)	T n-Tetratriacontane (C34)	19.912	1862300	18.824 ug/ml
20)	T n-Hexatriacontane (C36)	20.654	1613873	19.014 ug/ml
21)	T n-Octatriacontane (C38)	21.446	1474837	19.536 ug/ml
22)	T n-Tetracontane (C40)	22.451	1415654	20.473 ug/ml

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

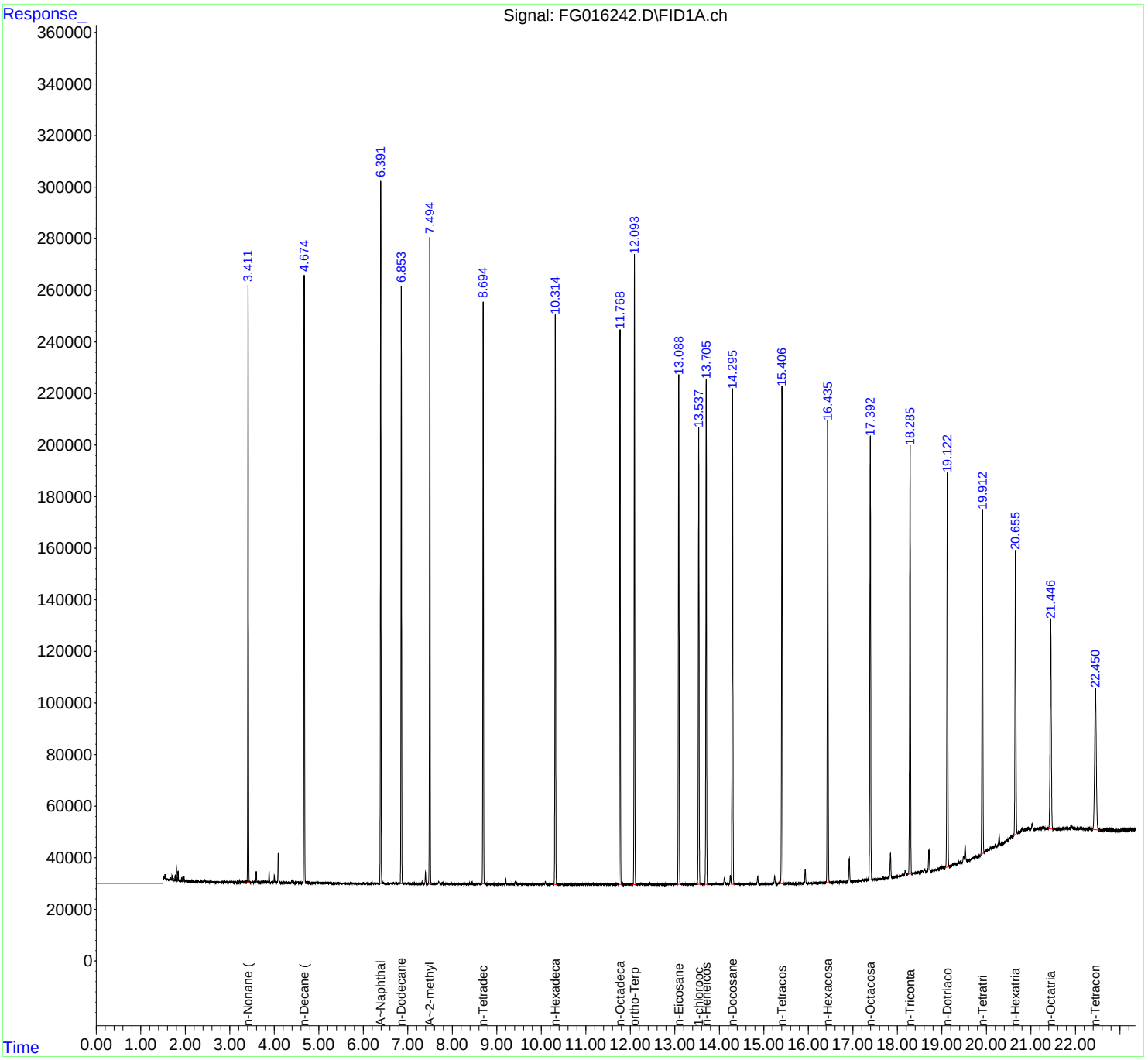
Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825AL\
Data File : FG016242.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 12:54
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 09 03:57:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825AL\
Data File : FG016242.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 12:54
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.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	3.412	3.383	3.456	BB	231053	2246973	84.90%	4.646%
2	4.674	4.642	4.711	BB	235875	2287440	86.42%	4.730%
3	6.392	6.363	6.426	BB	272263	2518835	95.17%	5.208%
4	6.854	6.823	6.893	BB	231061	2307275	87.17%	4.771%
5	7.495	7.455	7.538	BB	250502	2451895	92.64%	5.070%
6	8.695	8.656	8.732	BB	225789	2304457	87.07%	4.765%
7	10.314	10.269	10.356	BB	220606	2384992	90.11%	4.931%
8	11.769	11.736	11.806	BB	214964	2422760	91.54%	5.009%
9	12.093	12.049	12.138	BB	243976	2646745	100.00%	5.472%
10	13.089	13.046	13.136	BB	197379	2360762	89.19%	4.881%
11	13.538	13.497	13.578	BB	176814	2052852	77.56%	4.245%
12	13.706	13.669	13.744	BB	195506	2326150	87.89%	4.810%
13	14.296	14.263	14.333	VB	191764	2348473	88.73%	4.856%
14	15.407	15.375	15.454	VB	190626	2378870	89.88%	4.919%
15	16.435	16.395	16.478	BB	178914	2351173	88.83%	4.861%
16	17.392	17.338	17.428	BB	172075	2277720	86.06%	4.709%
17	18.285	18.233	18.325	BB	165704	2237834	84.55%	4.627%
18	19.122	19.067	19.172	BB	152777	2093038	79.08%	4.328%
19	19.912	19.859	19.947	BB	133442	1862300	70.36%	3.851%
20	20.654	20.603	20.693	BB	109655	1613873	60.98%	3.337%
21	21.446	21.384	21.495	BB	81647	1474837	55.72%	3.049%
22	22.451	22.372	22.538	BB	54492	1415654	53.49%	2.927%
			Sum of corrected areas:			48364906		

Aliphatic EPH 061325.M Wed Jul 09 04:27:33 2025

QC SAMPLE DATA

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

Report of Analysis

Client:	ENVOCARE Environmental Facility Management dba UAV	Date Collected:	
Project:	MV Trucking	Date Received:	
Client Sample ID:	PB168738BL	SDG No.:	Q2515
Lab Sample ID:	PB168738BL	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
07/07/25 09:30	07/07/25 15:02	PB168738

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FG016227.D
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	FG016227.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg	
Total EPH	Total EPH	2.09	U		2.09	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

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

Report of Analysis

Client:	ENVOCARE Environmental Facility Management dba UAV	Date Collected:	
Project:	MV Trucking	Date Received:	
Client Sample ID:	PB168738BL	SDG No.:	Q2515
Lab Sample ID:	PB168738BL	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
FG016227.D	1	07/07/25	07/07/25	PB168738

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		0.000	U	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		1.18	U	1.18	2.00	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		46.9		40 - 140	94%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		45.8		40 - 140	92%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168738BL	Acq On:	07 Jul 2025 15:02
Client Sample ID:	PB168738BL	Operator:	YP\AJ
Data file:	FG016227.D	Misc:	
Instrument:	FID_G	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.313	6.958	0	0	300	ug/ml
Aliphatic C12-C16	6.959	10.419	0	0	200	ug/ml
Aliphatic C16-C21	10.420	13.811	0	0	300	ug/ml
Aliphatic C21-C28	13.812	17.498	0	0	400	ug/ml
Aliphatic C28-C40	17.499	22.561	0	0	600	ug/ml
Aliphatic EPH	3.313	22.561	0	0		ug/ml
ortho-Terphenyl (SURR)	12.103	12.103	5903658	45.76		ug/ml
1-chlorooctadecane (SURR)	13.547	13.547	4722752	46.87		ug/ml
Aliphatic C9-C28	3.313	17.498	0	0	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016227.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 15:02
Operator : YP\AJ
Sample : PB168738BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168738BL

Integration File: autoint1.e
Quant Time: Jul 08 02:23:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 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)	12.103	5903658	45.756 ug/ml
Spiked Amount 50.000		Recovery =	91.51%
12) S 1-chlorooctadecane (S...	13.547	4722752	46.869 ug/ml
Spiked Amount 50.000		Recovery =	93.74%
Target Compounds			

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

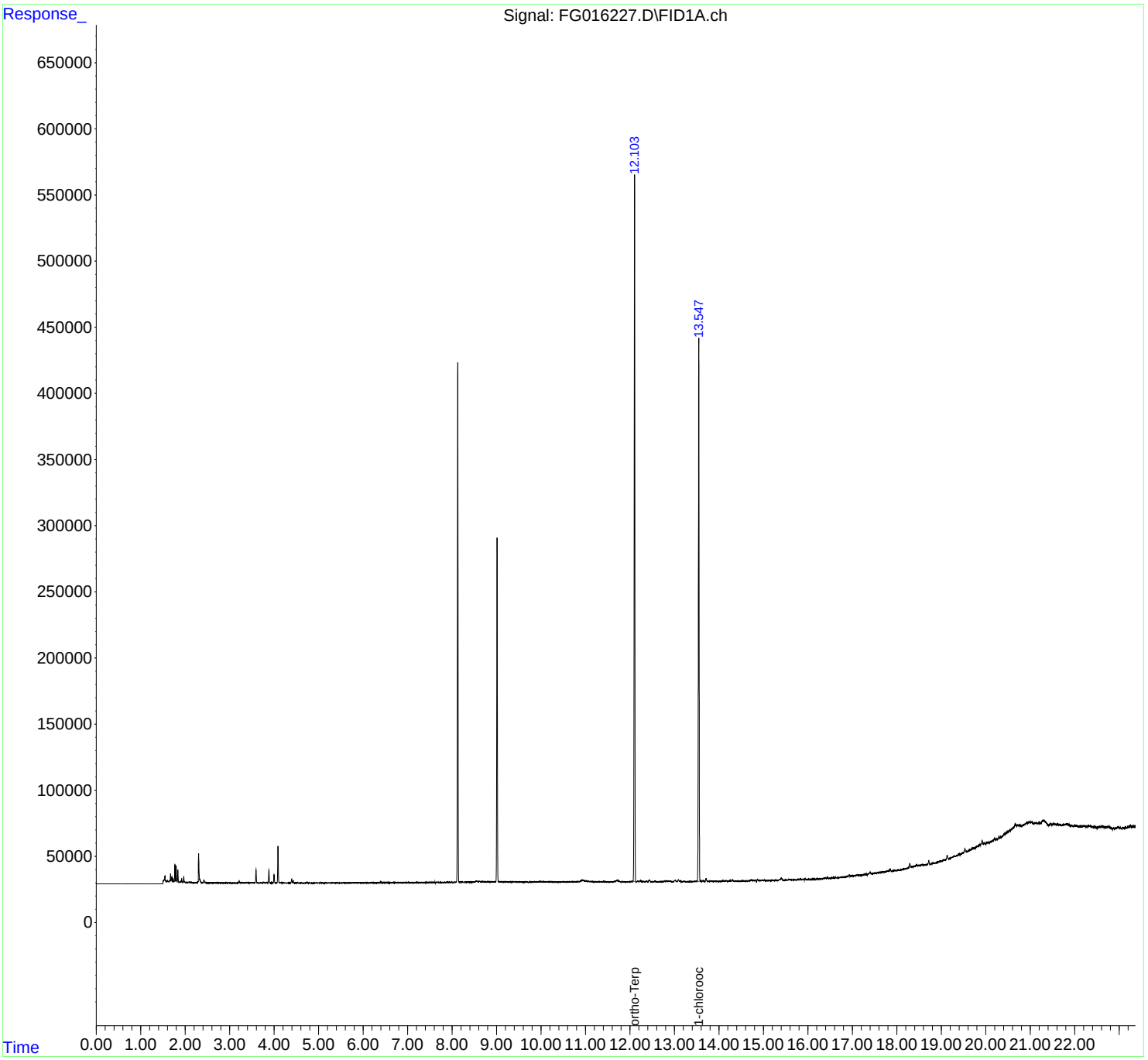
Quantitation Report (QT Reviewed)

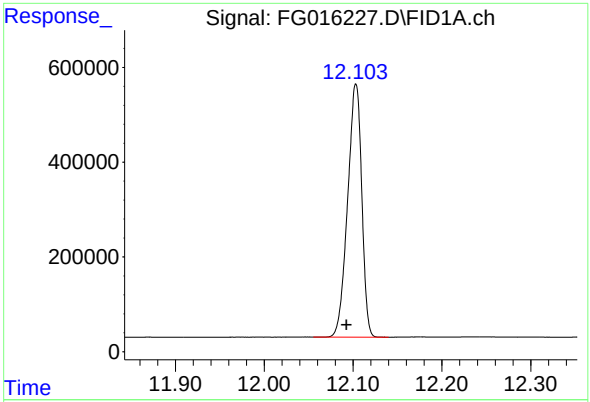
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016227.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 15:02
Operator : YP\AJ
Sample : PB168738BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168738BL

Integration File: autoint1.e
Quant Time: Jul 08 02:23:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

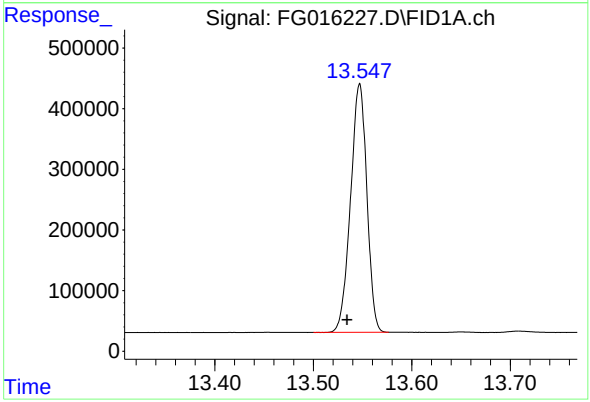




#9 ortho-Terphenyl (SURR)

R.T.: 12.103 min
Delta R.T.: 0.011 min
Response: 5903658
Conc: 45.76 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168738BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.547 min
Delta R.T.: 0.013 min
Response: 4722752
Conc: 46.87 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016227.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 15:02
Sample : PB168738BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.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	12.103	12.055	12.140	BB	534244	5903658	100.00%	55.556%
2	13.547	13.500	13.577	BB	409721	4722752	80.00%	44.444%

Sum of corrected areas: 10626410

Aliphatic EPH 061325.M Tue Jul 08 06:12:06 2025

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

Report of Analysis

Client:	ENVOCARE Environmental Facility Management dba UAV	Date Collected:	
Project:	MV Trucking	Date Received:	
Client Sample ID:	PB168738BS	SDG No.:	Q2515
Lab Sample ID:	PB168738BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
07/07/25 09:30	07/08/25 10:54	PB168738

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	20.1		1	1.18	2.00	mg/kg	FG016239.D
Aliphatic C9-C28	Aliphatic C9-C28	54.0		1	0.91	3.99	mg/kg	FG016239.D
Total AliphaticEPH	Total AliphaticEPH	74.1			2.09	5.99	mg/kg	
Total EPH	Total EPH	74.1			2.09	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

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

Report of Analysis

Client:	ENVOCARE Environmental Facility Management dba UAV	Date Collected:	
Project:	MV Trucking	Date Received:	
Client Sample ID:	PB168738BS	SDG No.:	Q2515
Lab Sample ID:	PB168738BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
FG016239.D	1	07/07/25	07/08/25	PB168738

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	54.0		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.1		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	26.4		40 - 140	53%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.6		40 - 140	51%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168738BS	Acq On:	08 Jul 2025 10:54
Client Sample ID:	PB168738BS	Operator:	YP\AJ
Data file:	FG016239.D	Misc:	
Instrument:	FID_G	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.312	6.954	15063717	137.778	300	ug/ml
Aliphatic C12-C16	6.955	10.414	21381869	191.209	200	ug/ml
Aliphatic C16-C21	10.415	13.806	25249298	220.557	300	ug/ml
Aliphatic C21-C28	13.807	17.493	29968814	261.988	400	ug/ml
Aliphatic C28-C40	17.494	22.553	27695766	301.055	600	ug/ml
Aliphatic EPH	3.312	22.553	119359464	1110		ug/ml
ortho-Terphenyl (SURR)	12.096	12.096	3298568	25.57		ug/ml
1-chlorooctadecane (SURR)	13.542	13.542	2659381	26.39		ug/ml
Aliphatic C9-C28	3.312	17.493	91663698	811.532	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825AL\
Data File : FG016239.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 10:54
Operator : YP\AJ
Sample : PB168738BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168738BS

Integration File: autoint1.e
Quant Time: Jul 09 03:56:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 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)	12.096	3298568	25.565 ug/ml
Spiked Amount	50.000		Recovery =	51.13%
12) S	1-chlorooctadecane (S...	13.542	2659381	26.392 ug/ml
Spiked Amount	50.000		Recovery =	52.78%
	Target Compounds			
1) T	n-Nonane (C9)	3.417	2638994	24.391 ug/ml
2) T	n-Decane (C10)	4.677	2786828	25.406 ug/ml
3) T	A~Naphthalene (C11.7)	6.393	3496326	29.263 ug/ml
4) T	n-Dodecane (C12)	6.856	2974448	27.013 ug/ml
5) T	A~2-methylnaphthalene...	7.497	3399505	29.228 ug/ml
6) T	n-Tetradecane (C14)	8.698	3180835	28.964 ug/ml
7) T	n-Hexadecane (C16)	10.317	3325430	29.214 ug/ml
8) T	n-Octadecane (C18)	11.772	3347675	28.756 ug/ml
10) T	n-Eicosane (C20)	13.093	3473916	30.524 ug/ml
11) T	n-Heneicosane (C21)	13.709	3355441	29.638 ug/ml
13) T	n-Docosane (C22)	14.300	3324684	29.246 ug/ml
14) T	n-Tetracosane (C24)	15.401	6803257	58.999 ug/ml
15) T	n-Hexacosane (C26)	16.441	3213551	27.925 ug/ml
16) T	n-Octacosane (C28)	17.395	3112347	27.424 ug/ml
17) T	n-Tricontane (C30)	18.289	3057763	26.708 ug/ml
18) T	n-Dotriacontane (C32)	19.125	2970222	27.242 ug/ml
19) T	n-Tetratriacontane (C34)	19.914	3049388	30.822 ug/ml
20) T	n-Hexatriacontane (C36)	20.660	2886567	34.008 ug/ml
21) T	n-Octatriacontane (C38)	21.451	2906168	38.496 ug/ml
22) T	n-Tetracontane (C40)	22.457	2886900	41.749 ug/ml

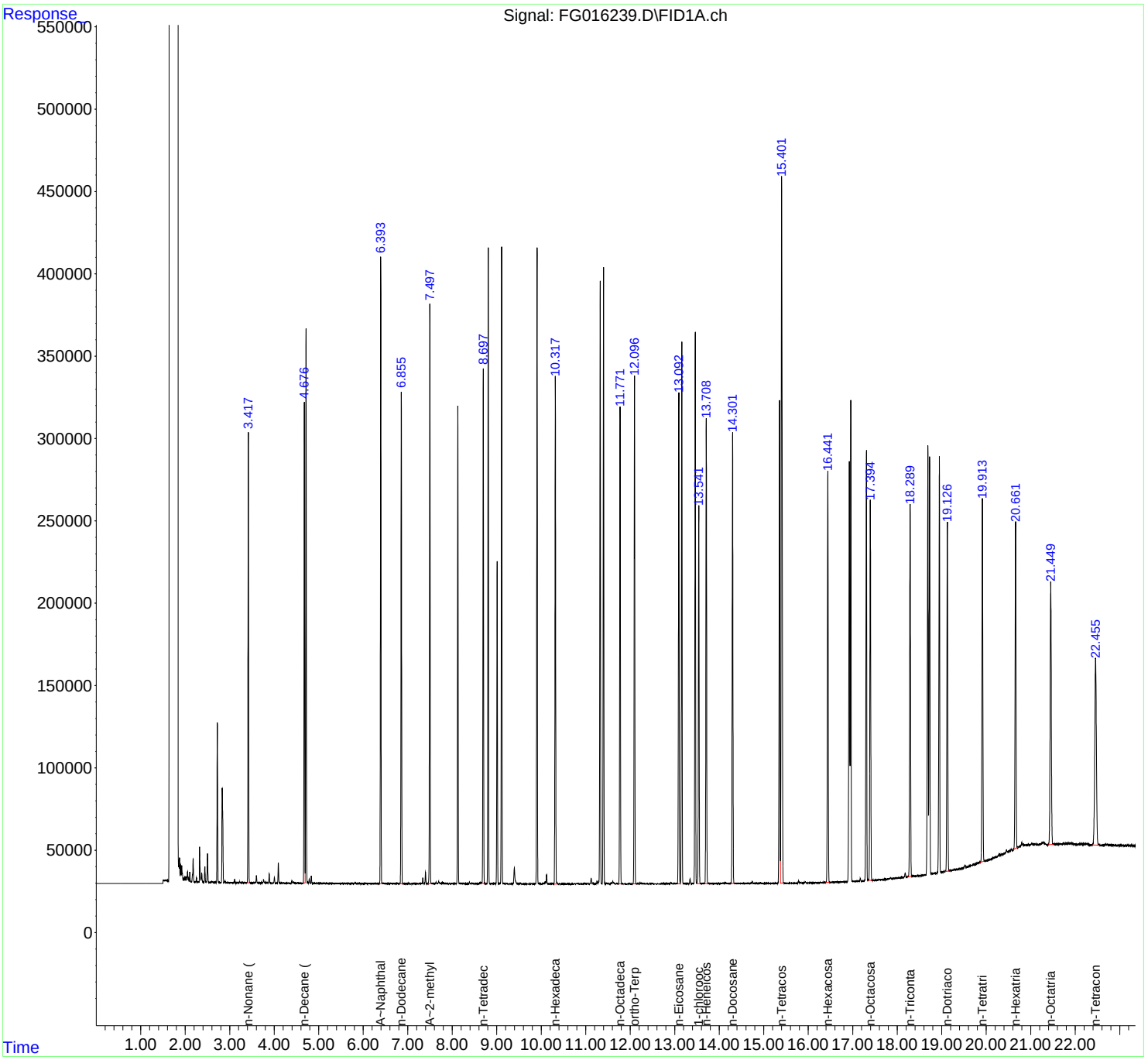
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825AL\
Data File : FG016239.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 10:54
Operator : YP\AJ
Sample : PB168738BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168738BS

Integration File: autoint1.e
Quant Time: Jul 09 03:56:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825AL\
Data File : FG016239.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 10:54
Sample : PB168738BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.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	3.417	3.382	3.456	BB	273197	2638994	38.79%	2.106%
2	4.677	4.643	4.696	BV	291455	2786828	40.96%	2.224%
3	4.715	4.696	4.744	VB	336319	3167121	46.55%	2.527%
4	6.393	6.360	6.428	BB	378833	3496326	51.39%	2.790%
5	6.856	6.818	6.900	BB	298804	2974448	43.72%	2.374%
6	7.497	7.452	7.532	BB	352102	3399505	49.97%	2.713%
7	8.698	8.667	8.742	BB	311833	3180835	46.75%	2.538%
8	8.810	8.776	8.849	BB	385897	3785907	55.65%	3.021%
9	9.112	9.080	9.155	BB	384803	3799816	55.85%	3.032%
10	9.907	9.871	9.937	BB	385520	3890376	57.18%	3.104%
11	10.317	10.284	10.375	BB	308121	3325430	48.88%	2.654%
12	11.325	11.270	11.364	VV	365724	3842674	56.48%	3.066%
13	11.400	11.364	11.443	PB	373981	3838080	56.42%	3.063%
14	11.772	11.729	11.806	BB	289150	3347675	49.21%	2.671%
15	12.096	12.062	12.140	BB	307908	3298568	48.49%	2.632%
16	13.093	13.055	13.125	BV	297655	3473916	51.06%	2.772%
17	13.160	13.125	13.191	VB	329155	3710206	54.54%	2.961%
18	13.463	13.420	13.495	BV	334339	3681306	54.11%	2.938%
19	13.542	13.495	13.575	VB	229042	2659381	39.09%	2.122%
20	13.709	13.670	13.759	BB	281944	3355441	49.32%	2.678%
21	14.300	14.262	14.349	BB	272994	3324684	48.87%	2.653%
22	15.356	15.314	15.375	BV	292353	3516489	51.69%	2.806%
23	15.401	15.375	15.457	VB	429079	6803257	100.00%	5.429%
24	16.441	16.390	16.480	BB	249480	3213551	47.24%	2.564%
25	16.924	16.866	16.939	BV	254495	3373209	49.58%	2.692%
26	16.958	16.939	16.997	VB	291976	3362380	49.42%	2.683%
27	17.308	17.250	17.340	BB	260112	3262897	47.96%	2.604%
28	17.395	17.354	17.441	BB	229512	3112347	45.75%	2.484%
29	18.289	18.227	18.327	BB	225997	3057763	44.95%	2.440%
30	18.689	18.631	18.704	BV	259940	3452511	50.75%	2.755%
31	18.727	18.704	18.774	VB	253417	3296772	48.46%	2.631%
32	18.947	18.886	18.991	BB	251850	3189475	46.88%	2.545%
33	19.125	19.070	19.175	BB	211586	2970222	43.66%	2.370%
34	19.914	19.855	19.955	BB	220423	3049388	44.82%	2.433%
35	20.660	20.592	20.701	BB	197467	2886567	42.43%	2.303%
36	21.451	21.382	21.510	BB	159556	2906168	42.72%	2.319%

rteres

37	22.457	22.380	22.545	BB	113016	2886900	42.43%	2.304%

Sum of corrected areas: 125317411

Aliphatic EPH 061325.M Wed Jul 09 04:28:07 2025

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

Report of Analysis

Client:	ENVOCARE Environmental Facility Management dba UAV	Date Collected:	
Project:	MV Trucking	Date Received:	
Client Sample ID:	PB168738BSD	SDG No.:	Q2515
Lab Sample ID:	PB168738BSD	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
07/07/25 09:30	07/08/25 11:25	PB168738

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	20.2		1	1.18	2.00	mg/kg	FG016240.D
Aliphatic C9-C28	Aliphatic C9-C28	54.3		1	0.91	4.00	mg/kg	FG016240.D
Total AliphaticEPH	Total AliphaticEPH	74.5			2.09	6.00	mg/kg	
Total EPH	Total EPH	74.5			2.09	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

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

Report of Analysis

Client:	ENVOCARE Environmental Facility Management dba UAV			Date Collected:	
Project:	MV Trucking			Date Received:	
Client Sample ID:	PB168738BSD			SDG No.:	Q2515
Lab Sample ID:	PB168738BSD			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
FG016240.D	1	07/07/25	07/08/25	PB168738

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	54.3		0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.2		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	26.6		40 - 140	53%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.8		40 - 140	52%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168738BSD	Acq On:	08 Jul 2025 11:25
Client Sample ID:	PB168738BSD	Operator:	YP\AJ
Data file:	FG016240.D	Misc:	
Instrument:	FID_G	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.312	6.954	15117255	138.267	300	ug/ml
Aliphatic C12-C16	6.955	10.414	21524884	192.488	200	ug/ml
Aliphatic C16-C21	10.415	13.806	25397029	221.848	300	ug/ml
Aliphatic C21-C28	13.807	17.493	30021454	262.448	400	ug/ml
Aliphatic C28-C40	17.494	22.553	27846034	302.688	600	ug/ml
Aliphatic EPH	3.312	22.553	119906656	1120		ug/ml
ortho-Terphenyl (SURR)	12.095	12.095	3322275	25.75		ug/ml
1-chlorooctadecane (SURR)	13.540	13.540	2674882	26.55		ug/ml
Aliphatic C9-C28	3.312	17.493	92060622	815.051	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825AL\
Data File : FG016240.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 11:25
Operator : YP\AJ
Sample : PB168738BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168738BSD

Integration File: autoint1.e
Quant Time: Jul 09 03:57:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 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)	12.095	3322275	25.749 ug/ml
Spiked Amount	50.000		Recovery =	51.50%
12) S	1-chlorooctadecane (S...	13.540	2674882	26.546 ug/ml
Spiked Amount	50.000		Recovery =	53.09%
	Target Compounds			
1) T	n-Nonane (C9)	3.418	2646371	24.459 ug/ml
2) T	n-Decane (C10)	4.677	2794487	25.476 ug/ml
3) T	A~Naphthalene (C11.7)	6.393	3513038	29.403 ug/ml
4) T	n-Dodecane (C12)	6.855	2988389	27.140 ug/ml
5) T	A~2-methylnaphthalene...	7.496	3418085	29.388 ug/ml
6) T	n-Tetradecane (C14)	8.697	3204072	29.176 ug/ml
7) T	n-Hexadecane (C16)	10.317	3341881	29.358 ug/ml
8) T	n-Octadecane (C18)	11.771	3367247	28.924 ug/ml
10) T	n-Eicosane (C20)	13.091	3493085	30.692 ug/ml
11) T	n-Heneicosane (C21)	13.708	3364111	29.715 ug/ml
13) T	n-Docosane (C22)	14.298	3339638	29.377 ug/ml
14) T	n-Tetracosane (C24)	15.401	6815566	59.106 ug/ml
15) T	n-Hexacosane (C26)	16.439	3230481	28.072 ug/ml
16) T	n-Octacosane (C28)	17.394	3123838	27.525 ug/ml
17) T	n-Tricontane (C30)	18.288	3075107	26.859 ug/ml
18) T	n-Dotriacontane (C32)	19.124	2992650	27.448 ug/ml
19) T	n-Tetratriacontane (C34)	19.914	3070557	31.036 ug/ml
20) T	n-Hexatriacontane (C36)	20.658	2899455	34.160 ug/ml
21) T	n-Octatriacontane (C38)	21.450	2918561	38.660 ug/ml
22) T	n-Tetracontane (C40)	22.457	2882837	41.690 ug/ml

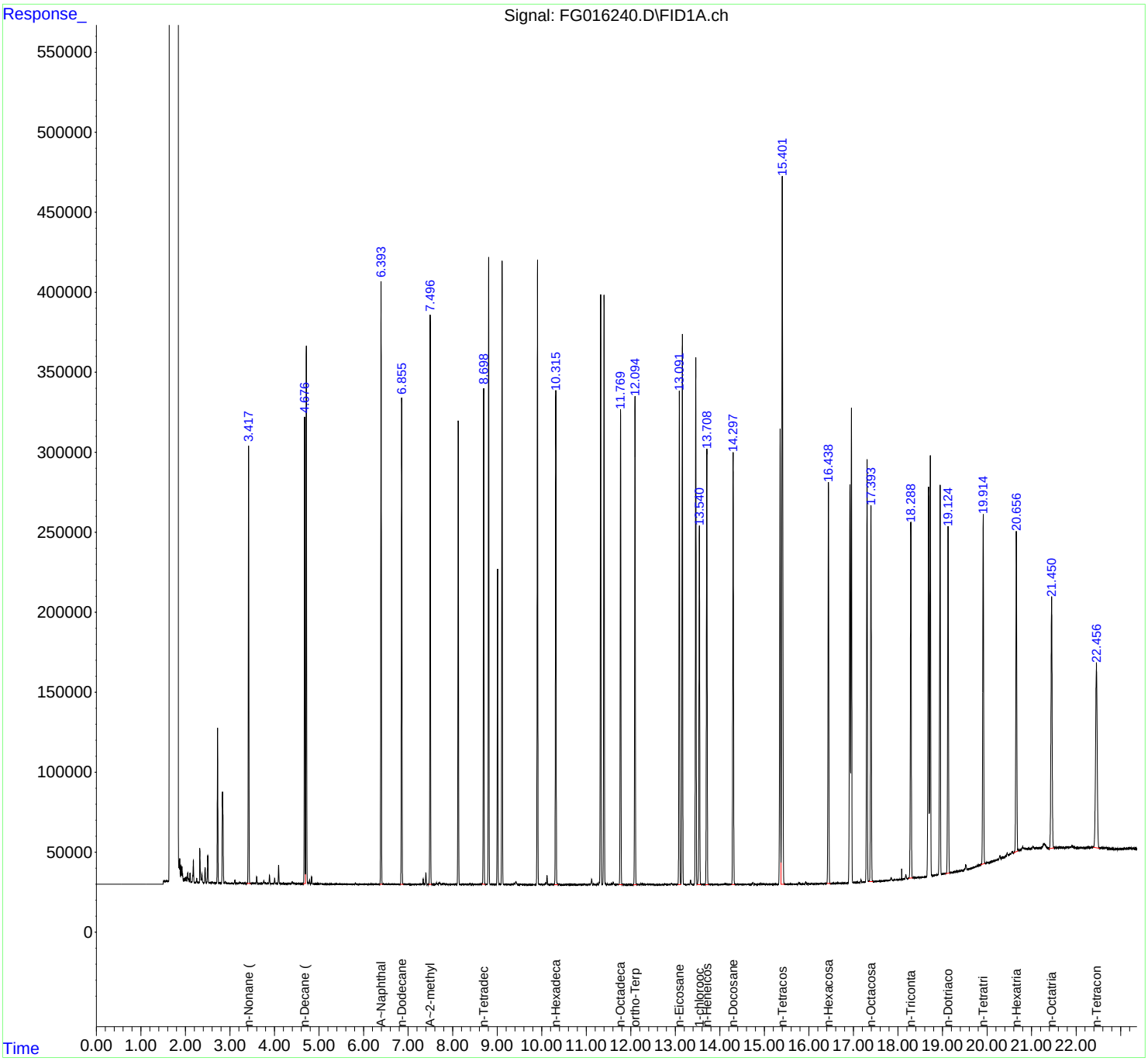
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825AL\
Data File : FG016240.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 11:25
Operator : YP\AJ
Sample : PB168738BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168738BSD

Integration File: autoint1.e
Quant Time: Jul 09 03:57:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825AL\
Data File : FG016240.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 11:25
Sample : PB168738BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.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	3.418	3.375	3.462	BB	273536	2646371	38.83%	2.102%
2	4.677	4.643	4.696	BV	291797	2794487	41.00%	2.220%
3	4.715	4.696	4.743	VB	336070	3174970	46.58%	2.522%
4	6.393	6.362	6.424	BB	376483	3513038	51.54%	2.790%
5	6.855	6.824	6.896	BB	303996	2988389	43.85%	2.374%
6	7.496	7.458	7.527	BB	354486	3418085	50.15%	2.715%
7	8.697	8.656	8.738	BB	309926	3204072	47.01%	2.545%
8	8.809	8.777	8.855	BB	390751	3813336	55.95%	3.029%
9	9.111	9.076	9.148	BB	386942	3826475	56.14%	3.039%
10	9.906	9.872	9.939	BB	389801	3921035	57.53%	3.114%
11	10.317	10.283	10.367	BB	308012	3341881	49.03%	2.654%
12	11.324	11.232	11.357	BV	366548	3877278	56.89%	3.080%
13	11.400	11.357	11.438	PB	368601	3867290	56.74%	3.072%
14	11.771	11.731	11.814	BB	294296	3367247	49.41%	2.674%
15	12.095	12.057	12.138	BB	303774	3322275	48.75%	2.639%
16	13.091	13.056	13.124	BV	307977	3493085	51.25%	2.774%
17	13.159	13.124	13.188	VB	344093	3728881	54.71%	2.962%
18	13.460	13.421	13.488	BV	328668	3699137	54.27%	2.938%
19	13.540	13.488	13.581	VB	223984	2674882	39.25%	2.125%
20	13.708	13.671	13.752	BB	271797	3364111	49.36%	2.672%
21	14.298	14.262	14.340	BB	269831	3339638	49.00%	2.653%
22	15.353	15.312	15.374	BV	284355	3519018	51.63%	2.795%
23	15.401	15.374	15.458	VB	442553	6815566	100.00%	5.413%
24	16.439	16.401	16.489	BB	250327	3230481	47.40%	2.566%
25	16.922	16.865	16.937	BV	248157	3378067	49.56%	2.683%
26	16.956	16.937	16.989	VB	296429	3352367	49.19%	2.663%
27	17.307	17.254	17.338	BB	262068	3262479	47.87%	2.591%
28	17.394	17.352	17.442	BB	233498	3123838	45.83%	2.481%
29	18.288	18.233	18.325	BB	222509	3075107	45.12%	2.442%
30	18.687	18.628	18.703	BV	242738	3475737	51.00%	2.761%
31	18.726	18.703	18.771	VB	262256	3324070	48.77%	2.640%
32	18.946	18.881	18.992	BB	242872	3207060	47.05%	2.547%
33	19.124	19.067	19.166	BB	216607	2992650	43.91%	2.377%
34	19.914	19.859	19.953	BB	218241	3070557	45.05%	2.439%
35	20.658	20.589	20.697	BB	197780	2899455	42.54%	2.303%
36	21.450	21.383	21.510	BB	157440	2918561	42.82%	2.318%

rteres

37	22.457	22.379	22.531	BB	115749	2882837	42.30%	2.290%

Sum of corrected areas: 125903812

Aliphatic EPH 061325.M Wed Jul 09 04:28:44 2025

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

Report of Analysis

Client:	ENVOCARE Environmental Facility Management dba UAV	Date Collected:	
Project:	MV Trucking	Date Received:	
Client Sample ID:	WC-1MS	SDG No.:	Q2515
Lab Sample ID:	Q2515-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.5
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
07/07/25 09:30	07/07/25 17:31	PB168738

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	49.4	E	1	1.35	2.28	mg/kg	FG016232.D
Aliphatic C9-C28	Aliphatic C9-C28	108	E	1	1.04	4.56	mg/kg	FG016232.D
Total AliphaticEPH	Total AliphaticEPH	157			2.39	6.84	mg/kg	
Total EPH	Total EPH	157			2.39	6.84	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

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

Report of Analysis

Client:	ENVOCARE Environmental Facility Management dba UAV	Date Collected:	
Project:	MV Trucking	Date Received:	
Client Sample ID:	WC-1MS	SDG No.:	Q2515
Lab Sample ID:	Q2515-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.5
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
FG016232.D	1	07/07/25	07/07/25	PB168738

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	108	E	1.04	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	49.4	E	1.35	2.28	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.8		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.6		40 - 140	69%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2515-01MS	Acq On:	07 Jul 2025 17:31
Client Sample ID:	Q2515-01MS	Operator:	YP\AJ
Data file:	FG016232.D	Misc:	
Instrument:	FID_G	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.313	6.958	24489954	223.993	300	ug/ml
Aliphatic C12-C16	6.959	10.419	34348294	307.162	200	ug/ml
Aliphatic C16-C21	10.420	13.811	48224428	421.249	300	ug/ml
Aliphatic C21-C28	13.812	17.498	52987317	463.216	400	ug/ml
Aliphatic C28-C40	17.499	22.561	59796243	649.989	600	ug/ml
Aliphatic EPH	3.313	22.561	219846236	2070		ug/ml
ortho-Terphenyl (SURR)	12.098	12.098	4471160	34.65		ug/ml
1-chlorooctadecane (SURR)	13.543	13.543	3810382	37.81		ug/ml
Aliphatic C9-C28	3.313	17.498	160049993	1420	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016232.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 17:31
Operator : YP\AJ
Sample : Q2515-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
wc-1MS

Integration File: autoint1.e
Quant Time: Jul 08 02:24:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 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)	12.098	4471160	34.653 ug/ml
Spiked Amount	50.000		Recovery =	69.31%
12) S	1-chlorooctadecane (S...	13.543	3810382	37.815 ug/ml
Spiked Amount	50.000		Recovery =	75.63%
	Target Compounds			
1) T	n-Nonane (C9)	3.415	3409658	31.513 ug/ml
2) T	n-Decane (C10)	4.678	3924306	35.776 ug/ml
3) T	A~Naphthalene (C11.7)	6.395	5051953	42.283 ug/ml
4) T	n-Dodecane (C12)	6.857	4378049	39.760 ug/ml
5) T	A~2-methylnaphthalene...	7.499	4999162	42.982 ug/ml
6) T	n-Tetradecane (C14)	8.700	4881221	44.448 ug/ml
7) T	n-Hexadecane (C16)	10.319	5434224	47.740 ug/ml
8) T	n-Octadecane (C18)	11.774	5666153	48.672 ug/ml
10) T	n-Eicosane (C20)	13.095	5942420	52.213 ug/ml
11) T	n-Heneicosane (C21)	13.711	5732203	50.632 ug/ml
13) T	n-Docosane (C22)	14.301	5712622	50.251 ug/ml
14) T	n-Tetracosane (C24)	15.409	11696433	101.434 ug/ml
15) T	n-Hexacosane (C26)	16.442	5525379	48.014 ug/ml
16) T	n-Octacosane (C28)	17.397	5335357	47.011 ug/ml
17) T	n-Tricontane (C30)	18.292	5257970	45.925 ug/ml
18) T	n-Dotriacontane (C32)	19.129	5097267	46.751 ug/ml
19) T	n-Tetratriacontane (C34)	19.917	5238175	52.946 ug/ml
20) T	n-Hexatriacontane (C36)	20.662	4950374	58.322 ug/ml
21) T	n-Octatriacontane (C38)	21.454	4936826	65.395 ug/ml
22) T	n-Tetracontane (C40)	22.463	4871960	70.456 ug/ml

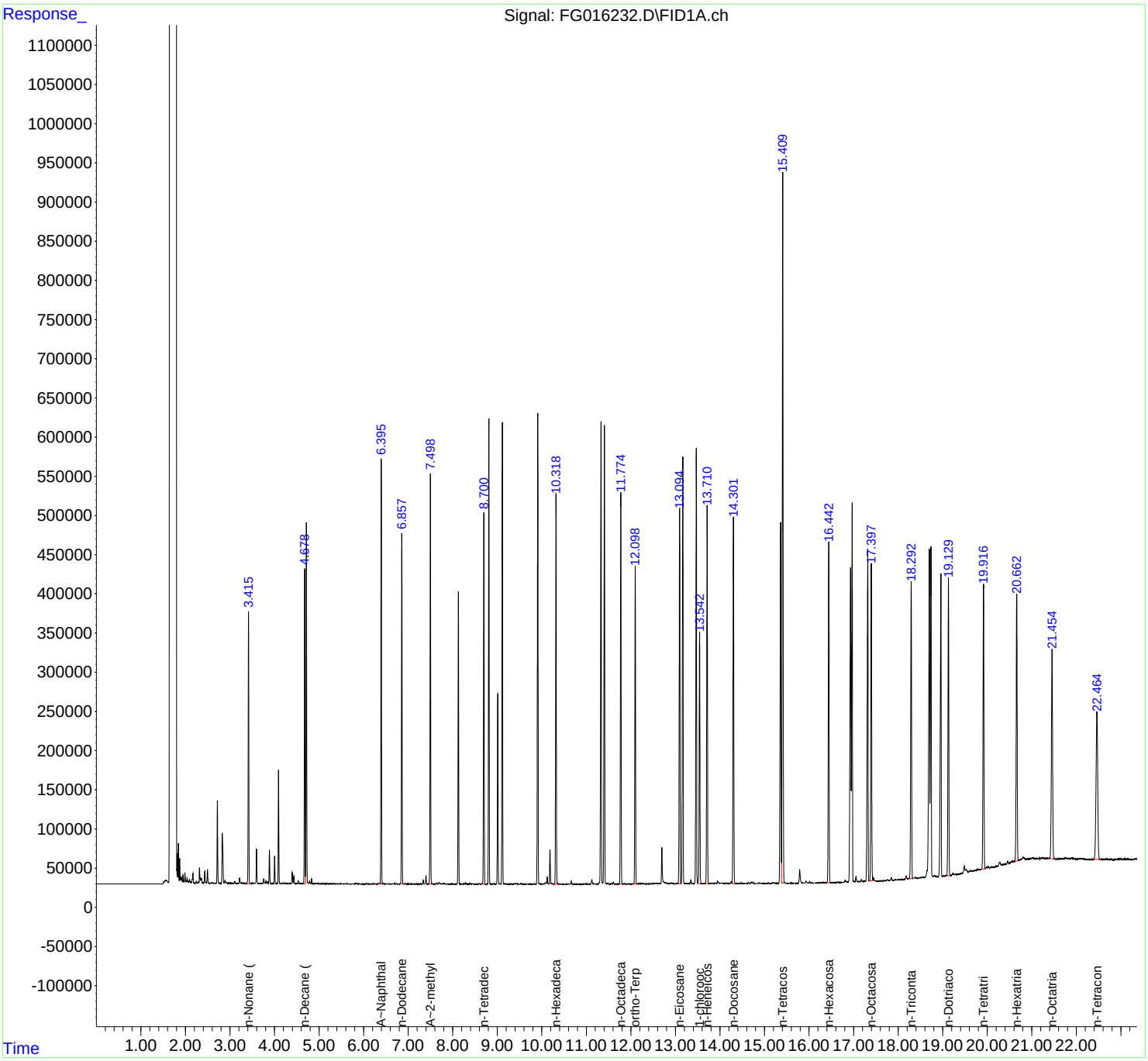
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016232.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 17:31
Operator : YP\AJ
Sample : Q2515-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
wc-1MS

Integration File: autoint1.e
Quant Time: Jul 08 02:24:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016232.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 17:31
Sample : Q2515-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.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	3.308	3.295	3.344	PV	259	2599	0.02%	0.001%
2	3.360	3.344	3.375	PV	116	1640	0.01%	0.001%
3	3.415	3.375	3.455	VV	346798	3415001	29.15%	1.522%
4	3.469	3.455	3.491	VV	314	4537	0.04%	0.002%
5	3.509	3.491	3.532	VV	600	7457	0.06%	0.003%
6	3.548	3.532	3.567	VV	322	5533	0.05%	0.002%
7	3.595	3.567	3.649	VV	44264	413007	3.53%	0.184%
8	3.683	3.649	3.720	VV	498	10311	0.09%	0.005%
9	3.756	3.720	3.788	VV	6025	69160	0.59%	0.031%
10	3.806	3.788	3.826	VV	2984	35652	0.30%	0.016%
11	3.851	3.826	3.864	VV	2623	33523	0.29%	0.015%
12	3.885	3.864	3.920	VV	42853	389581	3.33%	0.174%
13	3.932	3.920	3.974	VV	76	1626	0.01%	0.001%
14	4.001	3.974	4.044	VV	35056	313958	2.68%	0.140%
15	4.089	4.044	4.160	VV	143665	1293584	11.04%	0.577%
16	4.183	4.160	4.199	VV	730	9719	0.08%	0.004%
17	4.214	4.199	4.238	VV	604	9044	0.08%	0.004%
18	4.264	4.238	4.345	VV	504	17755	0.15%	0.008%
19	4.359	4.345	4.367	VV	354	3533	0.03%	0.002%
20	4.398	4.367	4.418	VV	14435	168671	1.44%	0.075%
21	4.434	4.418	4.508	VV	9723	95591	0.82%	0.043%
22	4.533	4.508	4.549	VV	4023	37777	0.32%	0.017%
23	4.558	4.549	4.581	VV	871	8947	0.08%	0.004%
24	4.594	4.581	4.606	VV	199	2641	0.02%	0.001%
25	4.678	4.606	4.696	VV	403390	3932750	33.57%	1.753%
26	4.715	4.696	4.769	VV	460207	4444878	37.94%	1.981%
27	4.787	4.769	4.810	VV	3815	39285	0.34%	0.018%
28	4.833	4.810	4.861	VV	6370	62313	0.53%	0.028%
29	4.873	4.861	4.878	VV	142	1155	0.01%	0.001%
30	4.894	4.878	4.934	VV	201	4555	0.04%	0.002%
31	4.954	4.934	4.976	VV	1098	11466	0.10%	0.005%
32	4.989	4.976	5.019	VV	252	3334	0.03%	0.001%
33	5.044	5.019	5.067	VV	209	4145	0.04%	0.002%
34	5.091	5.067	5.115	VV	200	3558	0.03%	0.002%
35	5.136	5.115	5.158	VV	133	2416	0.02%	0.001%
36	5.192	5.158	5.245	VV	230	6891	0.06%	0.003%

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37	5.259	5.245	5.279	VV	125	2115	0.02%	0.001%
38	5.305	5.279	5.321	VV	620	7562	0.06%	0.003%
39	5.335	5.321	5.371	VV	237	5070	0.04%	0.002%
40	5.385	5.371	5.411	VV	247	3661	0.03%	0.002%
41	5.434	5.411	5.454	VV	259	3881	0.03%	0.002%
42	5.466	5.454	5.485	VV	214	2279	0.02%	0.001%
43	5.498	5.485	5.514	PV	145	1709	0.01%	0.001%
44	5.547	5.514	5.567	VV	219	4281	0.04%	0.002%
45	5.581	5.567	5.605	VV	294	3353	0.03%	0.001%
46	5.620	5.605	5.644	VV	470	5330	0.05%	0.002%
47	5.659	5.644	5.718	VV	137	4227	0.04%	0.002%
48	5.731	5.718	5.742	VV	101	1100	0.01%	0.000%
49	5.766	5.742	5.785	VV	137	2098	0.02%	0.001%
50	5.818	5.785	5.837	PV	1367	14731	0.13%	0.007%
51	5.849	5.837	5.869	VV	457	5096	0.04%	0.002%
52	5.884	5.869	5.904	VV	344	4370	0.04%	0.002%
53	5.917	5.904	5.936	VV	294	3451	0.03%	0.002%
54	5.945	5.936	6.015	VV	142	3229	0.03%	0.001%
55	6.022	6.015	6.036	VV	71	698	0.01%	0.000%
56	6.055	6.036	6.108	VV	522	10505	0.09%	0.005%
57	6.135	6.108	6.159	VV	312	4216	0.04%	0.002%
58	6.185	6.159	6.214	VV	351	4959	0.04%	0.002%
59	6.232	6.214	6.258	VV	441	5446	0.05%	0.002%
60	6.273	6.258	6.307	VV	217	3288	0.03%	0.001%
61	6.327	6.307	6.338	VV	237	2956	0.03%	0.001%
62	6.395	6.338	6.431	VV	539575	5062325	43.21%	2.257%
63	6.444	6.431	6.484	VV	545	11448	0.10%	0.005%
64	6.500	6.484	6.528	VV	344	5917	0.05%	0.003%
65	6.564	6.528	6.588	VV	302	6488	0.06%	0.003%
66	6.598	6.588	6.611	VV	180	1873	0.02%	0.001%
67	6.634	6.611	6.668	VV	260	5517	0.05%	0.002%
68	6.690	6.668	6.726	VV	1062	15603	0.13%	0.007%
69	6.740	6.726	6.759	VV	309	4369	0.04%	0.002%
70	6.787	6.759	6.812	VV	244	4488	0.04%	0.002%
71	6.857	6.812	6.912	VV	445635	4385872	37.43%	1.955%
72	6.928	6.912	6.972	VV	864	11449	0.10%	0.005%
73	7.007	6.972	7.042	VV	361	6972	0.06%	0.003%
74	7.147	7.042	7.212	PV	195	9106	0.08%	0.004%
75	7.225	7.212	7.240	VV	145	1314	0.01%	0.001%
76	7.280	7.240	7.299	VV	383	5228	0.04%	0.002%
77	7.339	7.299	7.370	VV	5174	50991	0.44%	0.023%
78	7.400	7.370	7.447	VV	10744	107174	0.91%	0.048%
79	7.499	7.447	7.612	VV	520832	5017304	42.82%	2.237%
80	7.637	7.612	7.674	VV	1723	24912	0.21%	0.011%
81	7.696	7.674	7.712	VV	2032	26228	0.22%	0.012%
82	7.722	7.712	7.752	VV	1065	12578	0.11%	0.006%
83	7.774	7.752	7.792	VV	944	11259	0.10%	0.005%
84	7.807	7.792	7.829	VV	1394	14938	0.13%	0.007%
85	7.865	7.829	7.888	VV	410	9051	0.08%	0.004%
86	7.899	7.888	7.961	VV	290	5267	0.04%	0.002%
87	7.987	7.961	8.007	PV	596	6934	0.06%	0.003%
88	8.029	8.007	8.082	VV	458	7967	0.07%	0.004%
89	8.180	8.175	8.201	VV	136	1355	0.01%	0.001%

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90	8.240	8.201	8.255	VV	466	9358	0.08%	0.004%
91	8.270	8.255	8.285	VV	662	7800	0.07%	0.003%
92	8.294	8.285	8.338	VV	495	7785	0.07%	0.003%
93	8.342	8.338	8.368	VV	148	1832	0.02%	0.001%
94	8.388	8.368	8.418	VV	1236	14630	0.12%	0.007%
95	8.444	8.418	8.483	VV	738	10552	0.09%	0.005%
96	8.492	8.483	8.502	VV	89	1015	0.01%	0.000%
97	8.558	8.502	8.567	VV	185	4531	0.04%	0.002%
98	8.589	8.567	8.620	VV	419	9240	0.08%	0.004%
99	8.700	8.620	8.739	VV	471893	4901218	41.83%	2.185%
100	8.754	8.739	8.770	VV	282	4216	0.04%	0.002%
101	8.813	8.770	8.868	VV	584487	5745310	49.04%	2.561%
102	8.884	8.868	8.902	VV	354	4928	0.04%	0.002%
103	8.928	8.902	8.963	VV	577	8798	0.08%	0.004%
104	9.051	9.045	9.077	VV	368	6267	0.05%	0.003%
105	9.115	9.077	9.149	VV	590050	5876942	50.16%	2.620%
106	9.172	9.149	9.219	VV	536	10712	0.09%	0.005%
107	9.236	9.219	9.279	VV	272	4817	0.04%	0.002%
108	9.307	9.279	9.362	VV	527	9369	0.08%	0.004%
109	9.386	9.362	9.404	VV	1106	13196	0.11%	0.006%
110	9.426	9.404	9.500	VV	947	21207	0.18%	0.009%
111	9.529	9.500	9.546	VV	854	9705	0.08%	0.004%
112	9.558	9.546	9.607	VV	261	4873	0.04%	0.002%
113	9.628	9.607	9.673	VV	359	4748	0.04%	0.002%
114	9.678	9.673	9.688	VV	71	306	0.00%	0.000%
115	9.718	9.688	9.737	VV	154	2214	0.02%	0.001%
116	9.748	9.737	9.757	VV	127	1068	0.01%	0.000%
117	9.774	9.757	9.814	VV	260	4397	0.04%	0.002%
118	9.831	9.814	9.845	VV	551	3113	0.03%	0.001%
119	9.910	9.845	9.940	PV	600937	6248064	53.33%	2.785%
120	9.951	9.940	9.989	VV	702	12594	0.11%	0.006%
121	10.009	9.989	10.031	VV	416	7136	0.06%	0.003%
122	10.055	10.031	10.067	VV	592	8125	0.07%	0.004%
123	10.090	10.067	10.105	VV	2125	29693	0.25%	0.013%
124	10.122	10.105	10.157	VV	9194	97819	0.83%	0.044%
125	10.184	10.157	10.235	VV	44260	466686	3.98%	0.208%
126	10.251	10.235	10.276	VV	682	8572	0.07%	0.004%
127	10.319	10.276	10.384	VV	496632	5437039	46.41%	2.424%
128	10.407	10.384	10.454	VV	601	9841	0.08%	0.004%
129	10.486	10.454	10.524	VV	264	4990	0.04%	0.002%
130	10.544	10.524	10.562	VV	188	2627	0.02%	0.001%
131	10.574	10.562	10.584	VV	274	3029	0.03%	0.001%
132	10.597	10.584	10.632	VV	466	5291	0.05%	0.002%
133	10.662	10.632	10.689	PV	4188	43560	0.37%	0.019%
134	10.710	10.689	10.724	VV	232	3427	0.03%	0.002%
135	10.761	10.724	10.783	VV	361	6898	0.06%	0.003%
136	10.835	10.783	10.902	VV	253	10110	0.09%	0.005%
137	10.912	10.902	10.922	VV	100	1042	0.01%	0.000%
138	10.965	10.922	10.999	VV	381	9811	0.08%	0.004%
139	11.016	10.999	11.040	VV	390	5802	0.05%	0.003%
140	11.061	11.040	11.087	VV	442	5820	0.05%	0.003%
141	11.124	11.087	11.149	VV	5711	73713	0.63%	0.033%

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142	11.165	11.149	11.187	VV	606	9574	0.08%	0.004%
143	11.204	11.187	11.235	VV	320	6077	0.05%	0.003%
144	11.257	11.235	11.267	VV	215	3142	0.03%	0.001%
145	11.329	11.267	11.368	VV	587671	6479603	55.31%	2.888%
146	11.405	11.368	11.458	VV	583951	6504222	55.52%	2.899%
147	11.477	11.458	11.498	VV	1038	14345	0.12%	0.006%
148	11.509	11.498	11.543	VV	398	6960	0.06%	0.003%
149	11.573	11.543	11.592	VV	1361	17691	0.15%	0.008%
150	11.609	11.592	11.646	VV	2792	30260	0.26%	0.013%
151	11.661	11.646	11.681	VV	55	992	0.01%	0.000%
152	11.700	11.681	11.728	VV	311	4579	0.04%	0.002%
153	11.774	11.728	11.812	VV	499534	5669885	48.39%	2.528%
154	11.852	11.812	11.892	VV	525	12956	0.11%	0.006%
155	11.935	11.892	11.951	VV	289	6248	0.05%	0.003%
156	11.967	11.951	11.990	VV	348	4514	0.04%	0.002%
157	12.021	11.990	12.038	VV	209	2676	0.02%	0.001%
158	12.098	12.038	12.146	VV	405931	4476222	38.21%	1.995%
159	12.191	12.146	12.209	VV	548	14158	0.12%	0.006%
160	12.229	12.209	12.269	VV	1110	22119	0.19%	0.010%
161	12.282	12.269	12.294	VV	474	5271	0.04%	0.002%
162	12.308	12.294	12.344	VV	450	7069	0.06%	0.003%
163	12.380	12.344	12.410	PV	416	6522	0.06%	0.003%
164	12.449	12.410	12.475	VV	432	10079	0.09%	0.004%
165	12.493	12.475	12.523	VV	677	15335	0.13%	0.007%
166	12.559	12.523	12.648	VV	1033	49492	0.42%	0.022%
167	12.696	12.648	12.862	VV	46473	661402	5.65%	0.295%
168	12.881	12.862	12.890	VV	671	9515	0.08%	0.004%
169	12.916	12.890	12.972	VV	1670	35155	0.30%	0.016%
170	12.987	12.972	12.999	VV	299	4447	0.04%	0.002%
171	13.033	12.999	13.055	VV	633	13883	0.12%	0.006%
172	13.095	13.055	13.127	VV	476741	5960396	50.87%	2.657%
173	13.167	13.127	13.225	VV	541819	6417714	54.78%	2.861%
174	13.241	13.225	13.253	VV	288	3897	0.03%	0.002%
175	13.263	13.253	13.275	VV	247	2803	0.02%	0.001%
176	13.295	13.275	13.318	VV	385	6719	0.06%	0.003%
177	13.346	13.318	13.382	VV	5305	61459	0.52%	0.027%
178	13.468	13.382	13.496	VV	557651	6361777	54.30%	2.836%
179	13.542	13.496	13.618	VV	318959	3825051	32.65%	1.705%
180	13.654	13.618	13.671	VV	465	9787	0.08%	0.004%
181	13.711	13.671	13.749	VV	483494	5747243	49.05%	2.562%
182	13.765	13.749	13.784	VV	624	11048	0.09%	0.005%
183	13.807	13.784	13.818	VV	685	12243	0.10%	0.005%
184	13.826	13.818	13.875	VV	638	17040	0.15%	0.008%
185	13.902	13.875	13.928	VV	1157	22970	0.20%	0.010%
186	13.944	13.928	14.021	VV	3746	76925	0.66%	0.034%
187	14.044	14.021	14.071	VV	868	20151	0.17%	0.009%
188	14.088	14.071	14.118	VV	750	14823	0.13%	0.007%
189	14.140	14.118	14.183	VV	1097	22599	0.19%	0.010%
190	14.201	14.183	14.222	VV	350	6293	0.05%	0.003%
191	14.250	14.222	14.265	VV	2631	33461	0.29%	0.015%
192	14.301	14.265	14.347	VV	465231	5721618	48.84%	2.551%
193	14.360	14.347	14.373	VV	259	3448	0.03%	0.002%
194	14.385	14.373	14.412	VV	230	3670	0.03%	0.002%

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195	14.430	14.412	14.450	VV	305	4725	0.04%	0.002%
196	14.476	14.450	14.515	VV	1039	15241	0.13%	0.007%
197	14.538	14.515	14.577	VV	370	7325	0.06%	0.003%
198	14.589	14.577	14.608	VV	189	1768	0.02%	0.001%
199	14.636	14.608	14.669	VV	1727	24145	0.21%	0.011%
200	14.699	14.669	14.721	VV	2399	35902	0.31%	0.016%
201	14.742	14.721	14.766	VV	2362	31593	0.27%	0.014%
202	14.789	14.766	14.812	VV	231	4665	0.04%	0.002%
203	14.821	14.812	14.838	VV	144	1365	0.01%	0.001%
204	14.869	14.838	14.892	VV	1071	17044	0.15%	0.008%
205	14.904	14.892	14.946	VV	686	12921	0.11%	0.006%
206	14.969	14.946	15.005	VV	427	9275	0.08%	0.004%
207	15.020	15.005	15.055	VV	345	5394	0.05%	0.002%
208	15.086	15.055	15.125	PV	710	11780	0.10%	0.005%
209	15.179	15.125	15.196	VV	1009	16869	0.14%	0.008%
210	15.206	15.196	15.235	VV	633	10652	0.09%	0.005%
211	15.256	15.235	15.288	VV	487	10814	0.09%	0.005%
212	15.299	15.288	15.318	VV	193	2551	0.02%	0.001%
213	15.361	15.318	15.381	VV	457071	6102273	52.08%	2.720%
214	15.409	15.381	15.446	VV	895695	11716094	100.00%	5.223%
215	15.455	15.446	15.488	VV	1254	14983	0.13%	0.007%
216	15.522	15.488	15.557	VV	238	6199	0.05%	0.003%
217	15.591	15.557	15.635	VV	371	9094	0.08%	0.004%
218	15.651	15.635	15.681	VV	308	3890	0.03%	0.002%
219	15.724	15.681	15.748	PV	165	3762	0.03%	0.002%
220	15.790	15.748	15.873	VV	16595	273096	2.33%	0.122%
221	15.888	15.873	15.908	VV	217	3636	0.03%	0.002%
222	15.934	15.908	15.971	VV	2625	42961	0.37%	0.019%
223	16.012	15.971	16.048	VV	1653	27620	0.24%	0.012%
224	16.063	16.048	16.134	VV	457	6485	0.06%	0.003%
225	16.163	16.134	16.180	PV	320	4459	0.04%	0.002%
226	16.185	16.180	16.191	VV	159	1007	0.01%	0.000%
227	16.205	16.191	16.226	VV	200	2452	0.02%	0.001%
228	16.264	16.226	16.290	PV	459	10295	0.09%	0.005%
229	16.316	16.290	16.341	VV	561	10357	0.09%	0.005%
230	16.353	16.341	16.372	VV	242	3140	0.03%	0.001%
231	16.442	16.372	16.482	VV	431662	5536767	47.26%	2.468%
232	16.502	16.482	16.558	VV	518	7007	0.06%	0.003%
233	16.645	16.558	16.678	PV	915	16080	0.14%	0.007%
234	16.694	16.678	16.704	VV	58	683	0.01%	0.000%
235	16.814	16.704	16.858	PV	2767	53184	0.45%	0.024%
236	16.930	16.858	16.947	VV	402812	5908210	50.43%	2.634%
237	16.967	16.947	16.995	VV	487231	5766552	49.22%	2.571%
238	17.005	16.995	17.027	VV	886	12733	0.11%	0.006%
239	17.054	17.027	17.103	VV	7103	103048	0.88%	0.046%
240	17.124	17.103	17.147	VV	611	10018	0.09%	0.004%
241	17.175	17.147	17.209	VV	2949	42148	0.36%	0.019%
242	17.242	17.209	17.263	VV	959	18708	0.16%	0.008%
243	17.317	17.263	17.345	VV	416498	5646274	48.19%	2.517%
244	17.396	17.345	17.428	VV	399334	5377018	45.89%	2.397%
245	17.445	17.428	17.505	VV	4951	80057	0.68%	0.036%
246	17.515	17.505	17.525	VV	143	1327	0.01%	0.001%

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247	17.558	17.525	17.575	VV	106	2492	0.02%	0.001%
248	17.605	17.575	17.624	PV	256	4896	0.04%	0.002%
249	17.639	17.624	17.655	VV	136	1567	0.01%	0.001%
250	17.685	17.655	17.702	VV	164	2502	0.02%	0.001%
251	17.762	17.702	17.800	PV	1290	30417	0.26%	0.014%
252	17.848	17.800	17.892	VV	3537	55660	0.48%	0.025%
253	17.933	17.892	17.968	PV	674	12782	0.11%	0.006%
254	18.010	17.968	18.045	VV	485	12178	0.10%	0.005%
255	18.078	18.045	18.104	VV	549	9037	0.08%	0.004%
256	18.179	18.104	18.205	PV	4494	71895	0.61%	0.032%
257	18.292	18.205	18.328	VV	378967	5285394	45.11%	2.356%
258	18.339	18.328	18.348	VV	532	5601	0.05%	0.002%
259	18.379	18.348	18.425	VV	2084	38306	0.33%	0.017%
260	18.475	18.425	18.492	VV	801	16628	0.14%	0.007%
261	18.537	18.492	18.578	VV	933	30999	0.26%	0.014%
262	18.700	18.578	18.715	VV	409372	6381518	54.47%	2.845%
263	18.737	18.715	18.788	VV	423319	5529666	47.20%	2.465%
264	18.809	18.788	18.832	VV	1546	29031	0.25%	0.013%
265	18.846	18.832	18.897	VV	814	15788	0.13%	0.007%
266	18.959	18.897	18.990	PV	378585	5480312	46.78%	2.443%
267	19.075	18.990	19.083	VV	198	3247	0.03%	0.001%
268	19.129	19.083	19.175	VV	372907	5100412	43.53%	2.274%
269	19.226	19.175	19.269	PV	2081	50233	0.43%	0.022%
270	19.290	19.269	19.312	VV	655	13279	0.11%	0.006%
271	19.485	19.312	19.511	VV	9171	261662	2.23%	0.117%
272	19.528	19.511	19.578	VV	5659	153495	1.31%	0.068%
273	19.617	19.578	19.644	VV	3460	112977	0.96%	0.050%
274	19.670	19.644	19.687	VV	3131	74738	0.64%	0.033%
275	19.726	19.687	19.743	VV	3261	99860	0.85%	0.045%
276	19.781	19.743	19.810	VV	4094	142059	1.21%	0.063%
277	19.828	19.810	19.847	VV	3683	79802	0.68%	0.036%
278	19.917	19.847	19.958	VV	367893	5492308	46.88%	2.448%
279	19.986	19.958	20.002	VV	5775	132829	1.13%	0.059%
280	20.021	20.002	20.055	VV	6038	168541	1.44%	0.075%
281	20.095	20.055	20.119	VV	5410	192462	1.64%	0.086%
282	20.206	20.119	20.225	VV	5693	328027	2.80%	0.146%
283	20.280	20.225	20.313	VV	10460	403548	3.44%	0.180%
284	20.345	20.313	20.364	VV	7070	212327	1.81%	0.095%
285	20.395	20.364	20.408	VV	7302	186937	1.60%	0.083%
286	20.458	20.408	20.489	VV	10609	391975	3.35%	0.175%
287	20.565	20.489	20.587	VV	10289	520809	4.45%	0.232%
288	20.662	20.587	20.708	VV	347946	5641235	48.15%	2.515%
289	20.801	20.708	20.863	VV	13865	1072747	9.16%	0.478%
290	20.906	20.863	20.945	VV	10873	519514	4.43%	0.232%
291	21.029	20.945	21.062	VV	11401	750760	6.41%	0.335%
292	21.079	21.062	21.094	VV	10255	197475	1.69%	0.088%
293	21.108	21.094	21.125	VV	10002	184628	1.58%	0.082%
294	21.142	21.125	21.166	VV	9971	244427	2.09%	0.109%
295	21.176	21.166	21.197	VV	9683	173042	1.48%	0.077%
296	21.232	21.197	21.272	VV	10005	431396	3.68%	0.192%
297	21.282	21.272	21.300	VV	9273	155043	1.32%	0.069%
298	21.324	21.300	21.343	VV	9018	229445	1.96%	0.102%
299	21.353	21.343	21.382	VV	8818	203251	1.73%	0.091%

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300	21.454	21.382	21.553	VV	272974	5710537	48.74%	2.546%
301	21.619	21.553	21.629	VV	6613	298816	2.55%	0.133%
302	21.664	21.629	21.691	VV	6549	238423	2.04%	0.106%
303	21.772	21.691	21.840	VV	6736	556131	4.75%	0.248%
304	21.852	21.840	21.871	VV	5500	101501	0.87%	0.045%
305	21.913	21.871	21.988	VV	5739	343444	2.93%	0.153%
306	22.006	21.988	22.019	VV	3796	68484	0.58%	0.031%
307	22.071	22.019	22.084	VV	3817	147338	1.26%	0.066%
308	22.096	22.084	22.105	VV	3737	46465	0.40%	0.021%
309	22.134	22.105	22.277	VV	3791	286786	2.45%	0.128%
310	22.297	22.277	22.342	VV	1731	60263	0.51%	0.027%
311	22.364	22.342	22.375	VV	1400	27197	0.23%	0.012%
312	22.462	22.375	22.589	VV	188877	4968372	42.41%	2.215%

Sum of corrected areas: 224325058

Aliphatic EPH 061325.M Tue Jul 08 06:16:56 2025

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

Report of Analysis

Client:	ENVOCARE Environmental Facility Management dba UAV	Date Collected:	
Project:	MV Trucking	Date Received:	
Client Sample ID:	WC-1MSD	SDG No.:	Q2515
Lab Sample ID:	Q2515-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.5
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
07/07/25 09:30	07/07/25 18:01	PB168738

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	49.8	E	1	1.35	2.28	mg/kg	FG016233.D
Aliphatic C9-C28	Aliphatic C9-C28	111	E	1	1.04	4.56	mg/kg	FG016233.D
Total AliphaticEPH	Total AliphaticEPH	161			2.39	6.84	mg/kg	
Total EPH	Total EPH	161			2.39	6.84	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

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

Report of Analysis

Client:	ENVOCARE Environmental Facility Management dba UAV	Date Collected:	
Project:	MV Trucking	Date Received:	
Client Sample ID:	WC-1MSD	SDG No.:	Q2515
Lab Sample ID:	Q2515-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.5
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
FG016233.D	1	07/07/25	07/07/25	PB168738

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	111	E	1.04	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	49.8	E	1.35	2.28	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.9		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.7		40 - 140	69%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2515-01MSD	Acq On:	07 Jul 2025 18:01
Client Sample ID:	Q2515-01MSD	Operator:	YP\AJ
Data file:	FG016233.D	Misc:	
Instrument:	FID_G	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.313	6.958	24346147	222.678	300	ug/ml
Aliphatic C12-C16	6.959	10.419	34347110	307.152	200	ug/ml
Aliphatic C16-C21	10.420	13.811	52910221	462.18	300	ug/ml
Aliphatic C21-C28	13.812	17.498	53035974	463.641	400	ug/ml
Aliphatic C28-C40	17.499	22.561	60131950	653.638	600	ug/ml
Aliphatic EPH	3.313	22.561	224771402	2110		ug/ml
ortho-Terphenyl (SURR)	12.098	12.098	4481342	34.73		ug/ml
1-chlorooctadecane (SURR)	13.543	13.543	3820596	37.92		ug/ml
Aliphatic C9-C28	3.313	17.498	164639452	1460	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016233.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 18:01
Operator : YP\AJ
Sample : Q2515-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
wc-1MSD

Integration File: autoint1.e
Quant Time: Jul 08 02:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 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)	12.098	4481342	34.732 ug/ml
Spiked Amount	50.000		Recovery =	69.46%
12) S	1-chlorooctadecane (S...	13.543	3820596	37.916 ug/ml
Spiked Amount	50.000		Recovery =	75.83%
	Target Compounds			
1) T	n-Nonane (C9)	3.416	3397914	31.405 ug/ml
2) T	n-Decane (C10)	4.678	3909659	35.642 ug/ml
3) T	A~Naphthalene (C11.7)	6.395	5037267	42.160 ug/ml
4) T	n-Dodecane (C12)	6.857	4364747	39.640 ug/ml
5) T	A~2-methylnaphthalene...	7.499	4991395	42.915 ug/ml
6) T	n-Tetradecane (C14)	8.700	4876690	44.407 ug/ml
7) T	n-Hexadecane (C16)	10.319	5441311	47.802 ug/ml
8) T	n-Octadecane (C18)	11.773	5680223	48.793 ug/ml
10) T	n-Eicosane (C20)	13.095	5960121	52.369 ug/ml
11) T	n-Heneicosane (C21)	13.711	5748796	50.779 ug/ml
13) T	n-Docosane (C22)	14.302	5728779	50.393 ug/ml
14) T	n-Tetracosane (C24)	15.409	11720778	101.645 ug/ml
15) T	n-Hexacosane (C26)	16.444	5543207	48.169 ug/ml
16) T	n-Octacosane (C28)	17.397	5373497	47.347 ug/ml
17) T	n-Tricontane (C30)	18.293	5255810	45.906 ug/ml
18) T	n-Dotriacontane (C32)	19.128	5083800	46.628 ug/ml
19) T	n-Tetratriacontane (C34)	19.917	5228433	52.847 ug/ml
20) T	n-Hexatriacontane (C36)	20.662	4935612	58.148 ug/ml
21) T	n-Octatriacontane (C38)	21.456	4928636	65.287 ug/ml
22) T	n-Tetracontane (C40)	22.465	4874653	70.495 ug/ml

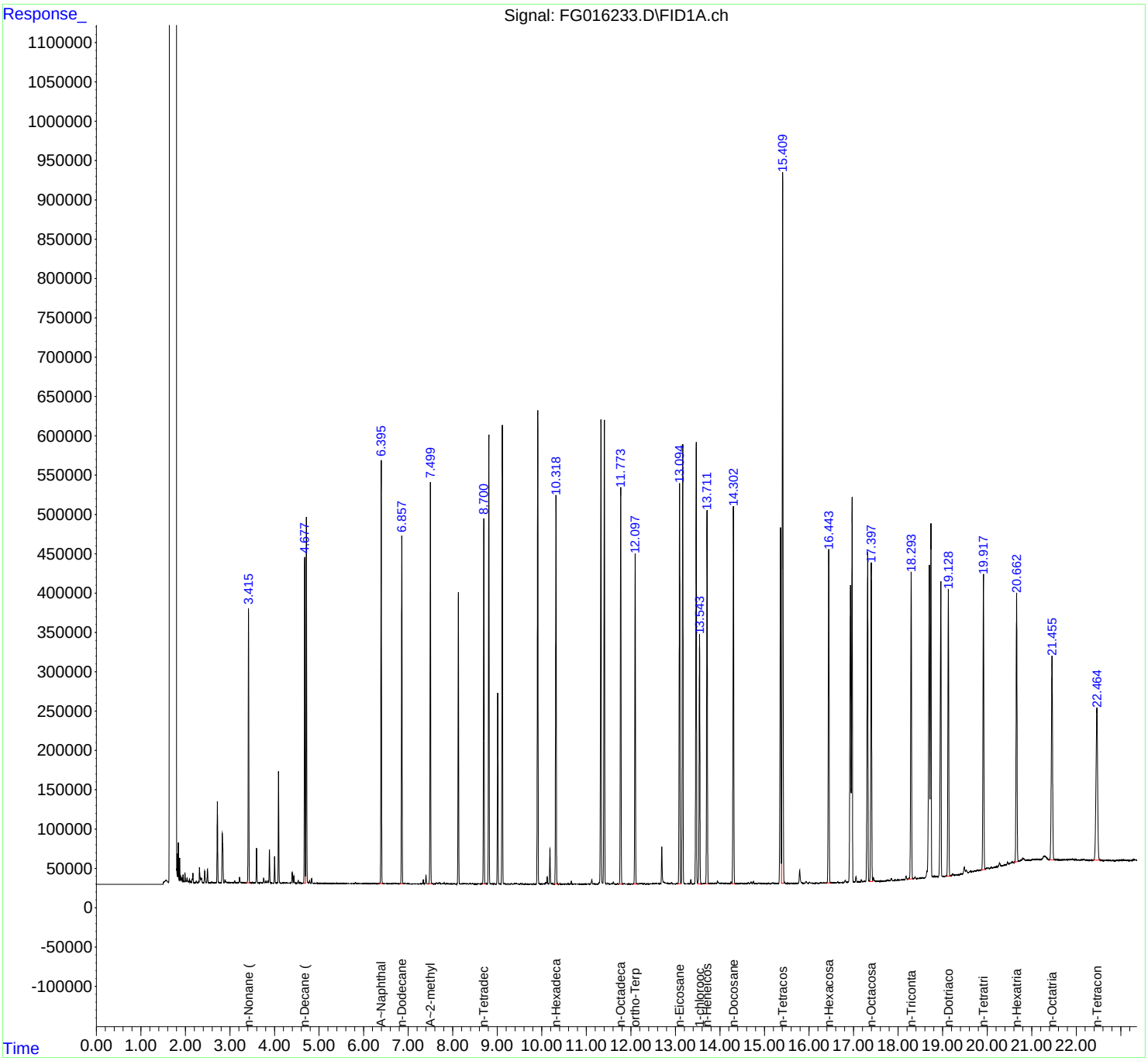
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016233.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 18:01
Operator : YP\AJ
Sample : Q2515-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
wc-1MSD

Integration File: autoint1.e
Quant Time: Jul 08 02:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
Data File : FG016233.D
Signal(s) : FID1A.ch
Acq On : 07 Jul 2025 18:01
Sample : Q2515-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.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	3.310	3.297	3.338	PV	236	1891	0.02%	0.001%
2	3.359	3.338	3.371	PV	155	1749	0.01%	0.001%
3	3.415	3.371	3.455	VV	348955	3404132	29.00%	1.514%
4	3.468	3.455	3.493	VV	397	5389	0.05%	0.002%
5	3.509	3.493	3.531	VV	578	7261	0.06%	0.003%
6	3.548	3.531	3.571	VV	361	6930	0.06%	0.003%
7	3.596	3.571	3.651	VV	44135	406953	3.47%	0.181%
8	3.683	3.651	3.720	VV	574	12163	0.10%	0.005%
9	3.756	3.720	3.788	VV	6179	71328	0.61%	0.032%
10	3.807	3.788	3.827	VV	2954	35815	0.31%	0.016%
11	3.851	3.827	3.864	VV	2644	33746	0.29%	0.015%
12	3.886	3.864	3.921	VV	42486	383845	3.27%	0.171%
13	3.927	3.921	3.975	VV	188	3130	0.03%	0.001%
14	4.002	3.975	4.039	VV	34096	305256	2.60%	0.136%
15	4.090	4.039	4.159	VV	139876	1262363	10.75%	0.562%
16	4.184	4.159	4.199	VV	686	9320	0.08%	0.004%
17	4.215	4.199	4.235	VV	574	8418	0.07%	0.004%
18	4.261	4.235	4.348	VV	522	17914	0.15%	0.008%
19	4.359	4.348	4.368	VV	381	3484	0.03%	0.002%
20	4.397	4.368	4.418	VV	13819	164215	1.40%	0.073%
21	4.434	4.418	4.491	VV	9484	91690	0.78%	0.041%
22	4.495	4.491	4.507	VV	183	1270	0.01%	0.001%
23	4.533	4.507	4.550	VV	3893	36983	0.32%	0.016%
24	4.558	4.550	4.602	VV	831	10577	0.09%	0.005%
25	4.611	4.602	4.638	VV	195	3470	0.03%	0.002%
26	4.678	4.638	4.696	VV	414266	3915052	33.35%	1.742%
27	4.716	4.696	4.771	VV	459793	4431466	37.75%	1.972%
28	4.787	4.771	4.815	VV	3812	38140	0.32%	0.017%
29	4.834	4.815	4.868	VV	6319	61769	0.53%	0.027%
30	4.898	4.868	4.938	VV	228	4820	0.04%	0.002%
31	4.954	4.938	4.975	VV	1055	10366	0.09%	0.005%
32	4.989	4.975	5.005	VV	181	1879	0.02%	0.001%
33	5.046	5.005	5.061	VV	185	3303	0.03%	0.001%
34	5.091	5.061	5.165	VV	155	5548	0.05%	0.002%
35	5.192	5.165	5.211	VV	199	3679	0.03%	0.002%
36	5.229	5.211	5.247	VV	169	1993	0.02%	0.001%

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37	5.257	5.247	5.266	VV	95	749	0.01%	0.000%
38	5.304	5.266	5.323	VV	570	7566	0.06%	0.003%
39	5.335	5.323	5.368	VV	244	3399	0.03%	0.002%
40	5.387	5.368	5.409	PV	190	3006	0.03%	0.001%
41	5.431	5.409	5.451	VV	148	2597	0.02%	0.001%
42	5.468	5.451	5.514	VV	156	3174	0.03%	0.001%
43	5.550	5.514	5.564	VV	227	3451	0.03%	0.002%
44	5.581	5.564	5.602	VV	179	2244	0.02%	0.001%
45	5.619	5.602	5.640	PV	407	4194	0.04%	0.002%
46	5.657	5.640	5.683	VV	133	1870	0.02%	0.001%
47	5.695	5.683	5.708	VV	111	888	0.01%	0.000%
48	5.715	5.708	5.751	VV	63	999	0.01%	0.000%
49	5.765	5.751	5.793	VV	95	1664	0.01%	0.001%
50	5.818	5.793	5.836	PV	1253	12904	0.11%	0.006%
51	5.850	5.836	5.866	VV	447	4140	0.04%	0.002%
52	5.882	5.866	5.902	VV	280	3674	0.03%	0.002%
53	5.919	5.902	5.936	VV	233	3065	0.03%	0.001%
54	5.948	5.936	5.971	VV	128	1523	0.01%	0.001%
55	5.979	5.971	6.011	VV	34	961	0.01%	0.000%
56	6.019	6.011	6.035	VV	100	969	0.01%	0.000%
57	6.055	6.035	6.113	VV	463	10118	0.09%	0.005%
58	6.135	6.113	6.163	VV	307	3544	0.03%	0.002%
59	6.186	6.163	6.218	PV	317	4235	0.04%	0.002%
60	6.232	6.218	6.253	VV	414	4423	0.04%	0.002%
61	6.273	6.253	6.310	VV	170	2665	0.02%	0.001%
62	6.329	6.310	6.341	VV	200	2612	0.02%	0.001%
63	6.395	6.341	6.431	VV	538892	5050745	43.02%	2.247%
64	6.444	6.431	6.463	VV	582	7927	0.07%	0.004%
65	6.474	6.463	6.529	VV	344	8839	0.08%	0.004%
66	6.566	6.529	6.618	VV	255	7953	0.07%	0.004%
67	6.643	6.618	6.668	VV	235	4157	0.04%	0.002%
68	6.691	6.668	6.727	VV	1094	15314	0.13%	0.007%
69	6.739	6.727	6.778	VV	318	5291	0.05%	0.002%
70	6.784	6.778	6.820	VV	229	3866	0.03%	0.002%
71	6.857	6.820	6.911	VV	444976	4373820	37.26%	1.946%
72	6.928	6.911	6.975	VV	878	12185	0.10%	0.005%
73	7.008	6.975	7.042	VV	280	6541	0.06%	0.003%
74	7.056	7.042	7.116	VV	96	1919	0.02%	0.001%
75	7.144	7.116	7.161	VV	163	2212	0.02%	0.001%
76	7.185	7.161	7.212	VV	78	1603	0.01%	0.001%
77	7.223	7.212	7.237	PV	88	719	0.01%	0.000%
78	7.249	7.237	7.256	VV	76	484	0.00%	0.000%
79	7.279	7.256	7.301	VV	334	4074	0.03%	0.002%
80	7.339	7.301	7.374	VV	5220	51219	0.44%	0.023%
81	7.400	7.374	7.458	VV	10724	106746	0.91%	0.047%
82	7.499	7.458	7.598	VV	507395	5009666	42.67%	2.229%
83	7.602	7.598	7.614	VV	120	784	0.01%	0.000%
84	7.637	7.614	7.675	VV	1643	24535	0.21%	0.011%
85	7.696	7.675	7.712	VV	2027	25736	0.22%	0.011%
86	7.721	7.712	7.751	VV	1051	12480	0.11%	0.006%
87	7.773	7.751	7.791	VV	986	11340	0.10%	0.005%
88	7.807	7.791	7.832	VV	1417	15469	0.13%	0.007%
89	7.861	7.832	7.885	VV	410	8666	0.07%	0.004%

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90	7.899	7.885	7.918	VV	323	4275	0.04%	0.002%
91	7.924	7.918	7.936	VV	126	1295	0.01%	0.001%
92	7.942	7.936	7.968	VV	102	1831	0.02%	0.001%
93	7.986	7.968	8.008	VV	584	6638	0.06%	0.003%
94	8.028	8.008	8.080	VV	486	7857	0.07%	0.003%
95	8.237	8.201	8.258	VV	502	9691	0.08%	0.004%
96	8.270	8.258	8.285	VV	659	7141	0.06%	0.003%
97	8.296	8.285	8.328	VV	425	7040	0.06%	0.003%
98	8.341	8.328	8.365	VV	166	2437	0.02%	0.001%
99	8.388	8.365	8.422	VV	1257	15451	0.13%	0.007%
100	8.445	8.422	8.504	VV	669	11224	0.10%	0.005%
101	8.513	8.504	8.533	VV	71	921	0.01%	0.000%
102	8.590	8.533	8.644	VV	367	12685	0.11%	0.006%
103	8.700	8.644	8.740	VV	465509	4894598	41.69%	2.178%
104	8.756	8.740	8.769	VV	269	3532	0.03%	0.002%
105	8.812	8.769	8.868	VV	569316	5746601	48.95%	2.557%
106	8.883	8.868	8.898	VV	289	3768	0.03%	0.002%
107	8.928	8.898	8.964	VV	552	7989	0.07%	0.004%
108	9.051	9.045	9.081	VV	365	6010	0.05%	0.003%
109	9.115	9.081	9.151	VV	580318	5883513	50.12%	2.618%
110	9.171	9.151	9.215	VV	509	9121	0.08%	0.004%
111	9.236	9.215	9.280	VV	243	4604	0.04%	0.002%
112	9.306	9.280	9.362	VV	506	8169	0.07%	0.004%
113	9.386	9.362	9.404	VV	1167	13397	0.11%	0.006%
114	9.426	9.404	9.491	VV	1004	21521	0.18%	0.010%
115	9.529	9.491	9.548	PV	827	9825	0.08%	0.004%
116	9.558	9.548	9.609	VV	238	4348	0.04%	0.002%
117	9.627	9.609	9.672	VV	342	4299	0.04%	0.002%
118	9.682	9.672	9.688	VV	28	341	0.00%	0.000%
119	9.696	9.688	9.701	PV	61	366	0.00%	0.000%
120	9.717	9.701	9.738	VV	138	1841	0.02%	0.001%
121	9.748	9.738	9.756	VV	81	674	0.01%	0.000%
122	9.774	9.756	9.817	VV	265	4584	0.04%	0.002%
123	9.831	9.817	9.848	VV	225	2207	0.02%	0.001%
124	9.910	9.848	9.939	VV	610230	6261755	53.34%	2.786%
125	9.951	9.939	9.979	VV	633	10022	0.09%	0.004%
126	10.010	9.979	10.030	VV	398	7718	0.07%	0.003%
127	10.053	10.030	10.067	VV	502	7763	0.07%	0.003%
128	10.090	10.067	10.105	VV	2084	28789	0.25%	0.013%
129	10.121	10.105	10.157	VV	9328	97316	0.83%	0.043%
130	10.184	10.157	10.232	VV	45262	465522	3.97%	0.207%
131	10.250	10.232	10.273	VV	582	8367	0.07%	0.004%
132	10.318	10.273	10.374	VV	491375	5446403	46.39%	2.423%
133	10.406	10.374	10.442	VV	478	9468	0.08%	0.004%
134	10.482	10.442	10.527	VV	208	4933	0.04%	0.002%
135	10.545	10.527	10.560	PV	215	2773	0.02%	0.001%
136	10.597	10.560	10.620	VV	461	8170	0.07%	0.004%
137	10.662	10.620	10.690	PV	4123	44123	0.38%	0.020%
138	10.708	10.690	10.724	VV	189	3072	0.03%	0.001%
139	10.760	10.724	10.791	VV	356	7823	0.07%	0.003%
140	10.798	10.791	10.818	VV	183	2008	0.02%	0.001%
141	10.836	10.818	10.860	VV	229	3869	0.03%	0.002%

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142	10.869	10.860	10.916	VV	164	3210	0.03%	0.001%
143	10.928	10.916	10.938	VV	122	1148	0.01%	0.001%
144	10.968	10.938	11.000	VV	379	8394	0.07%	0.004%
145	11.015	11.000	11.041	VV	469	5763	0.05%	0.003%
146	11.059	11.041	11.091	VV	427	6043	0.05%	0.003%
147	11.123	11.091	11.147	VV	5762	73126	0.62%	0.033%
148	11.162	11.147	11.186	VV	598	9854	0.08%	0.004%
149	11.202	11.186	11.233	VV	302	6058	0.05%	0.003%
150	11.328	11.233	11.367	VV	589459	6508418	55.44%	2.896%
151	11.405	11.367	11.455	VV	587428	6531031	55.63%	2.906%
152	11.475	11.455	11.501	VV	979	15090	0.13%	0.007%
153	11.511	11.501	11.551	VV	370	6581	0.06%	0.003%
154	11.572	11.551	11.590	VV	1391	16663	0.14%	0.007%
155	11.608	11.590	11.651	VV	3000	31399	0.27%	0.014%
156	11.701	11.651	11.723	PV	357	6427	0.05%	0.003%
157	11.773	11.723	11.811	VV	493092	5684607	48.42%	2.529%
158	11.851	11.811	11.884	VV	601	13467	0.11%	0.006%
159	11.932	11.884	11.950	VV	281	6591	0.06%	0.003%
160	11.965	11.950	11.995	VV	340	4952	0.04%	0.002%
161	12.017	11.995	12.041	VV	183	2932	0.02%	0.001%
162	12.097	12.041	12.149	VV	419429	4491575	38.26%	1.998%
163	12.166	12.149	12.177	VV	412	5684	0.05%	0.003%
164	12.192	12.177	12.209	VV	576	8571	0.07%	0.004%
165	12.228	12.209	12.271	VV	1155	23705	0.20%	0.011%
166	12.282	12.271	12.296	VV	502	5694	0.05%	0.003%
167	12.309	12.296	12.337	VV	432	6379	0.05%	0.003%
168	12.380	12.337	12.406	PV	427	7927	0.07%	0.004%
169	12.445	12.406	12.466	VV	461	10323	0.09%	0.005%
170	12.492	12.466	12.522	VV	743	18085	0.15%	0.008%
171	12.559	12.522	12.641	VV	1038	48531	0.41%	0.022%
172	12.695	12.641	12.800	VV	47321	638096	5.44%	0.284%
173	12.811	12.800	12.866	VV	1028	30124	0.26%	0.013%
174	12.914	12.866	12.963	VV	1766	43581	0.37%	0.019%
175	12.984	12.963	12.997	VV	293	5256	0.04%	0.002%
176	13.034	12.997	13.058	VV	671	14899	0.13%	0.007%
177	13.095	13.058	13.126	VV	510919	5977132	50.91%	2.659%
178	13.166	13.126	13.225	VV	551844	6444784	54.90%	2.867%
179	13.239	13.225	13.255	VV	273	4102	0.03%	0.002%
180	13.264	13.255	13.274	VV	283	2689	0.02%	0.001%
181	13.289	13.274	13.314	VV	380	6675	0.06%	0.003%
182	13.346	13.314	13.381	VV	5341	62550	0.53%	0.028%
183	13.390	13.381	13.398	VV	179	1522	0.01%	0.001%
184	13.468	13.398	13.495	VV	557431	6381661	54.36%	2.839%
185	13.542	13.495	13.618	VV	311355	3835091	32.67%	1.706%
186	13.653	13.618	13.670	VV	542	10052	0.09%	0.004%
187	13.711	13.670	13.746	VV	475880	5763755	49.10%	2.564%
188	13.765	13.746	13.781	VV	659	11290	0.10%	0.005%
189	13.805	13.781	13.875	VV	736	31963	0.27%	0.014%
190	13.901	13.875	13.925	VV	1196	23159	0.20%	0.010%
191	13.943	13.925	14.021	VV	3687	79509	0.68%	0.035%
192	14.045	14.021	14.069	VV	876	20714	0.18%	0.009%
193	14.088	14.069	14.109	VV	778	13939	0.12%	0.006%
194	14.140	14.109	14.181	VV	1076	25205	0.21%	0.011%

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195	14.212	14.181	14.221	VV	313	6752	0.06%	0.003%
196	14.250	14.221	14.268	VV	2555	35347	0.30%	0.016%
197	14.302	14.268	14.409	VV	477625	5745518	48.94%	2.556%
198	14.432	14.409	14.449	VV	290	4179	0.04%	0.002%
199	14.476	14.449	14.515	VV	1081	15705	0.13%	0.007%
200	14.538	14.515	14.569	VV	385	7410	0.06%	0.003%
201	14.586	14.569	14.608	VV	141	2529	0.02%	0.001%
202	14.635	14.608	14.671	VV	1861	24813	0.21%	0.011%
203	14.699	14.671	14.721	VV	2429	36041	0.31%	0.016%
204	14.742	14.721	14.775	VV	2399	33667	0.29%	0.015%
205	14.782	14.775	14.841	VV	233	6107	0.05%	0.003%
206	14.870	14.841	14.891	VV	1103	17193	0.15%	0.008%
207	14.905	14.891	14.951	VV	629	14571	0.12%	0.006%
208	14.971	14.951	15.007	VV	458	9866	0.08%	0.004%
209	15.024	15.007	15.053	VV	390	5264	0.04%	0.002%
210	15.087	15.053	15.124	PV	673	12042	0.10%	0.005%
211	15.179	15.124	15.196	PV	986	16358	0.14%	0.007%
212	15.207	15.196	15.231	VV	633	10060	0.09%	0.004%
213	15.253	15.231	15.313	VV	531	12785	0.11%	0.006%
214	15.361	15.313	15.381	VV	452335	6108428	52.03%	2.718%
215	15.408	15.381	15.445	VV	900058	11739593	100.00%	5.223%
216	15.455	15.445	15.495	VV	1329	15332	0.13%	0.007%
217	15.524	15.495	15.551	VV	202	4213	0.04%	0.002%
218	15.590	15.551	15.631	VV	303	8069	0.07%	0.004%
219	15.654	15.631	15.681	VV	241	3625	0.03%	0.002%
220	15.708	15.681	15.752	PV	155	4166	0.04%	0.002%
221	15.791	15.752	15.875	VV	16669	273977	2.33%	0.122%
222	15.889	15.875	15.904	VV	228	3092	0.03%	0.001%
223	15.933	15.904	15.971	VV	2529	43009	0.37%	0.019%
224	16.013	15.971	16.045	VV	1592	27633	0.24%	0.012%
225	16.066	16.045	16.097	VV	453	6151	0.05%	0.003%
226	16.161	16.097	16.180	PV	302	4625	0.04%	0.002%
227	16.203	16.180	16.225	VV	184	2920	0.02%	0.001%
228	16.258	16.225	16.291	PV	489	10537	0.09%	0.005%
229	16.317	16.291	16.341	VV	647	10198	0.09%	0.005%
230	16.358	16.341	16.377	VV	234	3705	0.03%	0.002%
231	16.444	16.377	16.488	VV	420347	5554442	47.31%	2.471%
232	16.505	16.488	16.551	VV	536	7072	0.06%	0.003%
233	16.580	16.551	16.594	VV	141	1919	0.02%	0.001%
234	16.645	16.594	16.701	PV	932	16025	0.14%	0.007%
235	16.761	16.701	16.771	PV	194	3914	0.03%	0.002%
236	16.814	16.771	16.853	VV	2715	46757	0.40%	0.021%
237	16.931	16.853	16.948	VV	378392	5902870	50.28%	2.626%
238	16.967	16.948	16.995	VV	489371	5759266	49.06%	2.562%
239	17.007	16.995	17.027	VV	821	11834	0.10%	0.005%
240	17.055	17.027	17.104	VV	7218	99958	0.85%	0.044%
241	17.122	17.104	17.146	VV	590	9111	0.08%	0.004%
242	17.175	17.146	17.211	VV	2885	41815	0.36%	0.019%
243	17.243	17.211	17.264	VV	963	18291	0.16%	0.008%
244	17.316	17.264	17.345	VV	424477	5643241	48.07%	2.511%
245	17.397	17.345	17.429	VV	404425	5389048	45.90%	2.398%
246	17.446	17.429	17.501	VV	5162	82405	0.70%	0.037%

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247	17.523	17.501	17.538	VV	152	2695	0.02%	0.001%
248	17.546	17.538	17.564	VV	126	1309	0.01%	0.001%
249	17.600	17.564	17.624	PV	198	3701	0.03%	0.002%
250	17.762	17.624	17.800	VV	1294	30492	0.26%	0.014%
251	17.848	17.800	17.901	VV	3101	50215	0.43%	0.022%
252	17.935	17.901	17.962	PV	733	11543	0.10%	0.005%
253	18.010	17.962	18.048	VV	496	13292	0.11%	0.006%
254	18.077	18.048	18.104	VV	503	8748	0.07%	0.004%
255	18.180	18.104	18.207	PV	4572	72148	0.61%	0.032%
256	18.293	18.207	18.329	VV	390080	5288109	45.05%	2.353%
257	18.379	18.329	18.425	VV	2284	52248	0.45%	0.023%
258	18.477	18.425	18.493	VV	773	16639	0.14%	0.007%
259	18.536	18.493	18.577	VV	799	25106	0.21%	0.011%
260	18.700	18.577	18.715	VV	396875	6349818	54.09%	2.825%
261	18.737	18.715	18.787	VV	453796	5542848	47.21%	2.466%
262	18.810	18.787	18.831	VV	1640	31351	0.27%	0.014%
263	18.848	18.831	18.872	VV	1047	19577	0.17%	0.009%
264	18.881	18.872	18.890	VV	507	4757	0.04%	0.002%
265	18.959	18.890	18.991	VV	372921	5504005	46.88%	2.449%
266	19.018	18.991	19.031	VV	336	7398	0.06%	0.003%
267	19.075	19.031	19.083	VV	374	8367	0.07%	0.004%
268	19.128	19.083	19.183	VV	364139	5094016	43.39%	2.266%
269	19.226	19.183	19.269	PV	2123	50562	0.43%	0.022%
270	19.288	19.269	19.315	VV	705	14648	0.12%	0.007%
271	19.348	19.315	19.358	VV	519	12234	0.10%	0.005%
272	19.486	19.358	19.513	VV	8837	244119	2.08%	0.109%
273	19.531	19.513	19.568	VV	4902	125311	1.07%	0.056%
274	19.619	19.568	19.645	VV	3583	126712	1.08%	0.056%
275	19.670	19.645	19.686	VV	3122	72305	0.62%	0.032%
276	19.728	19.686	19.743	VV	3431	105189	0.90%	0.047%
277	19.779	19.743	19.805	VV	4001	128225	1.09%	0.057%
278	19.916	19.805	19.959	VV	382382	5565986	47.41%	2.476%
279	19.986	19.959	20.001	VV	5554	124980	1.06%	0.056%
280	20.021	20.001	20.045	VV	5735	136989	1.17%	0.061%
281	20.097	20.045	20.121	VV	5639	234818	2.00%	0.104%
282	20.208	20.121	20.226	VV	5915	348970	2.97%	0.155%
283	20.276	20.226	20.314	VV	10053	390293	3.32%	0.174%
284	20.393	20.314	20.413	VV	7055	391828	3.34%	0.174%
285	20.458	20.413	20.491	VV	10257	379315	3.23%	0.169%
286	20.562	20.491	20.587	VV	10274	519484	4.43%	0.231%
287	20.661	20.587	20.699	VV	350201	5570846	47.45%	2.478%
288	20.801	20.699	20.819	VV	13565	816312	6.95%	0.363%
289	20.826	20.819	20.862	VV	12165	288991	2.46%	0.129%
290	20.891	20.862	20.923	VV	10509	381379	3.25%	0.170%
291	20.941	20.923	20.968	VV	10195	271835	2.32%	0.121%
292	21.026	20.968	21.064	VV	10908	590874	5.03%	0.263%
293	21.079	21.064	21.115	VV	10274	308963	2.63%	0.137%
294	21.141	21.115	21.184	VV	10265	410386	3.50%	0.183%
295	21.206	21.184	21.214	VV	9542	172373	1.47%	0.077%
296	21.295	21.214	21.393	VV	13223	1160059	9.88%	0.516%
297	21.455	21.393	21.505	VV	262138	5447156	46.40%	2.423%
298	21.522	21.505	21.545	VV	7583	179382	1.53%	0.080%
299	21.554	21.545	21.599	VV	7337	231087	1.97%	0.103%

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300	21.616	21.599	21.655	VV	6579	213369	1.82%	0.095%
301	21.708	21.655	21.731	VV	6259	285342	2.43%	0.127%
302	21.779	21.731	21.797	VV	5952	234743	2.00%	0.104%
303	21.838	21.797	21.848	VV	5814	173086	1.47%	0.077%
304	21.905	21.848	21.961	VV	5909	380792	3.24%	0.169%
305	21.990	21.961	22.046	VV	4909	230406	1.96%	0.103%
306	22.058	22.046	22.087	VV	4060	96765	0.82%	0.043%
307	22.113	22.087	22.130	VV	3890	95786	0.82%	0.043%
308	22.150	22.130	22.177	VV	3869	105128	0.90%	0.047%
309	22.186	22.177	22.234	VV	3659	110557	0.94%	0.049%
310	22.267	22.234	22.298	VV	2806	102792	0.88%	0.046%
311	22.310	22.298	22.337	VV	2474	53269	0.45%	0.024%
312	22.463	22.337	22.601	VBA	195412	5109922	43.53%	2.273%

Sum of corrected areas: 224773298

Aliphatic EPH 061325.M Tue Jul 08 06:17:26 2025

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

Manual Integration Report

Sequence:	FG061325AL	Instrument	FID_g

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:	FG070725AL	Instrument	FID_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FG016226.D	n-Hexatriacontane (C36)	yogesh	7/8/2025 8:03:13 AM	mohammad	7/9/2025 1:51:09	Peak Integrated by Software
20 PPM ALIPHATIC HC	FG016226.D	n-Tetracontane (C40)	yogesh	7/8/2025 8:03:13 AM	mohammad	7/9/2025 1:51:09	Peak Integrated by Software
20 PPM ALIPHATIC HC	FG016226.D	n-Tetratriacontane (C34)	yogesh	7/8/2025 8:03:13 AM	mohammad	7/9/2025 1:51:09	Peak Integrated by Software
PB168738BS	FG016228.D	n-Hexatriacontane (C36)	yogesh	7/8/2025 8:03:15 AM	mohammad	7/9/2025 1:51:09	Peak Integrated by Software

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

Manual Integration Report

Sequence:	FG070825AL	Instrument	FID_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FG016238.D	n-Hexatriacontane (C36)	yogesh	7/9/2025 7:24:32 AM			Peak Integrated by Software

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

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG061325AL

Review By	yogesh	Review On	6/13/2025 12:52:17 PM		
Supervise By	mohammad	Supervise On	6/17/2025 3:40:36 AM		
SubDirectory	FG061325AL	HP Acquire Method		HP Processing Method	FG061325AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016069.D	13 Jun 2025 13:06	YP\AJ	Ok
2	I.BLK	FG016070.D	13 Jun 2025 13:35	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FG016071.D	13 Jun 2025 14:05	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FG016072.D	13 Jun 2025 14:34	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FG016073.D	13 Jun 2025 15:03	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FG016074.D	13 Jun 2025 15:33	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FG016075.D	13 Jun 2025 16:02	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FG016076.D	13 Jun 2025 16:31	YP\AJ	Ok
9	I.BLK	FG016077.D	13 Jun 2025 17:30	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FG016078.D	13 Jun 2025 18:00	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG070725AL

Review By	yogesh	Review On	7/7/2025 12:23:40 PM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:09 AM		
SubDirectory	FG070725AL	HP Acquire Method		HP Processing Method	FG061325AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016224.D	07 Jul 2025 09:19	YP\AJ	Ok
2	I.BLK	FG016225.D	07 Jul 2025 09:49	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FG016226.D	07 Jul 2025 10:55	YP\AJ	Ok,M
4	PB168738BL	FG016227.D	07 Jul 2025 15:02	YP\AJ	Ok
5	PB168738BS	FG016228.D	07 Jul 2025 15:32	YP\AJ	Not Ok
6	PB168738BSD	FG016229.D	07 Jul 2025 16:02	YP\AJ	Not Ok
7	Q2515-01	FG016230.D	07 Jul 2025 16:32	YP\AJ	Ok
8	Q2515-01D	FG016231.D	07 Jul 2025 17:01	YP\AJ	Ok
9	Q2515-01MS	FG016232.D	07 Jul 2025 17:31	YP\AJ	Ok
10	Q2515-01MSD	FG016233.D	07 Jul 2025 18:01	YP\AJ	Ok
11	I.BLK	FG016234.D	07 Jul 2025 19:01	YP\AJ	Ok
12	20 PPM ALIPHATIC HC STD	FG016235.D	07 Jul 2025 19:30	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG070825AL

Review By	yogesh	Review On	7/8/2025 1:12:39 PM		
Supervise By		Supervise On			
SubDirectory	FG070825AL	HP Acquire Method		HP Processing Method	FG061325AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016236.D	08 Jul 2025 09:18	YP\AJ	Ok
2	I.BLK	FG016237.D	08 Jul 2025 09:48	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FG016238.D	08 Jul 2025 10:17	YP\AJ	Ok,NS
4	PB168738BS	FG016239.D	08 Jul 2025 10:54	YP\AJ	Ok
5	PB168738BSD	FG016240.D	08 Jul 2025 11:25	YP\AJ	Ok
6	I.BLK	FG016241.D	08 Jul 2025 11:55	YP\AJ	Ok
7	20 PPM ALIPHATIC HC STD	FG016242.D	08 Jul 2025 12:54	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG061325AL

Review By	yogesh	Review On	6/13/2025 12:52:17 PM		
Supervise By	mohammad	Supervise On	6/17/2025 3:40:36 AM		
SubDirectory	FG061325AL	HP Acquire Method		HP Processing Method	FG061325AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FG016069.D	13 Jun 2025 13:06		YP\AJ	Ok
2	I.BLK	I.BLK	FG016070.D	13 Jun 2025 13:35		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FG016071.D	13 Jun 2025 14:05		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FG016072.D	13 Jun 2025 14:34		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016073.D	13 Jun 2025 15:03		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FG016074.D	13 Jun 2025 15:33		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FG016075.D	13 Jun 2025 16:02		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016076.D	13 Jun 2025 16:31		YP\AJ	Ok
9	I.BLK	I.BLK	FG016077.D	13 Jun 2025 17:30		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016078.D	13 Jun 2025 18:00		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG070725AL

Review By	yogesh	Review On	7/7/2025 12:23:40 PM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:09 AM		
SubDirectory	FG070725AL	HP Acquire Method		HP Processing Method	FG061325AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FG016224.D	07 Jul 2025 09:19		YP\AJ	Ok
2	I.BLK	I.BLK	FG016225.D	07 Jul 2025 09:49		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016226.D	07 Jul 2025 10:55		YP\AJ	Ok,M
4	PB168738BL	PB168738BL	FG016227.D	07 Jul 2025 15:02		YP\AJ	Ok
5	PB168738BS	PB168738BS	FG016228.D	07 Jul 2025 15:32	Recovery fail	YP\AJ	Not Ok
6	PB168738BSD	PB168738BSD	FG016229.D	07 Jul 2025 16:02	Recovery fail	YP\AJ	Not Ok
7	Q2515-01	wc-1	FG016230.D	07 Jul 2025 16:32		YP\AJ	Ok
8	Q2515-01D	Q2515-01D	FG016231.D	07 Jul 2025 17:01		YP\AJ	Ok
9	Q2515-01MS	wc-1MS	FG016232.D	07 Jul 2025 17:31	FG016230.D	YP\AJ	Ok
10	Q2515-01MSD	wc-1MSD	FG016233.D	07 Jul 2025 18:01	FG016230.D!FG016232.D	YP\AJ	Ok
11	I.BLK	I.BLK	FG016234.D	07 Jul 2025 19:01		YP\AJ	Ok
12	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016235.D	07 Jul 2025 19:30		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG070825AL

Review By	yogesh	Review On	7/8/2025 1:12:39 PM		
Supervise By		Supervise On			
SubDirectory	FG070825AL	HP Acquire Method		HP Processing Method	FG061325AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FG016236.D	08 Jul 2025 09:18		YP\AJ	Ok
2	I.BLK	I.BLK	FG016237.D	08 Jul 2025 09:48		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016238.D	08 Jul 2025 10:17		YP\AJ	Ok,NS
4	PB168738BS	PB168738BS	FG016239.D	08 Jul 2025 10:54		YP\AJ	Ok
5	PB168738BSD	PB168738BSD	FG016240.D	08 Jul 2025 11:25		YP\AJ	Ok
6	I.BLK	I.BLK	FG016241.D	08 Jul 2025 11:55		YP\AJ	Ok
7	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016242.D	08 Jul 2025 12:54		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/7/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 07/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136368

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2487-01	G4(1.5)	1	1.15	10.21	11.36	10.14	88.1	
Q2487-02	G4(10)	2	1.19	10.38	11.57	8.76	72.9	
Q2487-03	G3(9)	3	1.15	10.66	11.81	7.38	58.4	
Q2487-04	G3(3)	4	1.15	10.80	11.95	10.8	89.4	
Q2487-05	G2(2.5)	5	1.17	10.00	11.17	10.48	93.1	
Q2487-06	G2(9)	6	1.16	10.26	11.42	8.00	66.7	
Q2487-07	G1(4.5)	7	1.19	10.11	11.3	7.8	65.4	
Q2487-08	G1(10)	8	1.16	9.96	11.12	6.65	55.1	
Q2487-09	G4(0-6)	9	1.18	10.26	11.44	10.12	87.1	
Q2487-10	G4(6-12)	10	1.16	10.14	11.3	8.52	72.6	
Q2487-11	G3(0-6)	11	1.18	10.42	11.6	10.68	91.2	
Q2487-12	G3(6-12)	12	1.18	10.41	11.59	8.49	70.2	
Q2487-13	G2(0-6)	13	1.17	9.95	11.12	10.11	89.8	
Q2487-14	G2(6-12)	14	1.16	10.68	11.84	8.39	67.7	
Q2487-15	G1(0-6)	15	1.17	10.55	11.72	9.68	80.7	
Q2487-16	G1(6-12)	16	1.13	10.24	11.37	10.68	93.3	
Q2501-05	SVOC-GPC-BLANK	17	1.00	1.00	2.00	2.00	100.0	
Q2501-06	PEST-GPC-BLANK	18	1.00	1.00	2.00	2.00	100.0	
Q2501-07	PEST-GPC-BLANK-SPIKE	19	1.00	1.00	2.00	2.00	100.0	
Q2501-08	PCB-GPC-BLANK	20	1.00	1.00	2.00	2.00	100.0	
Q2501-09	PCB-GPC-BLANK-SPIKE	21	1.00	1.00	2.00	2.00	100.0	
Q2501-10	SVOC-GPC-BLANK	22	1.00	1.00	2.00	2.00	100.0	
Q2501-11	PEST-GPC-BLANK	23	1.00	1.00	2.00	2.00	100.0	
Q2501-12	PEST-GPC-BLANK-SPIKE	24	1.00	1.00	2.00	2.00	100.0	
Q2501-13	PCB-GPC2-BLANK	25	1.00	1.00	2.00	2.00	100.0	
Q2501-14	PCB-GPC2-BLANK-SPIKE	26	1.00	1.00	2.00	2.00	100.0	
Q2503-03	GCAP2	27	1.18	10.65	11.83	8.76	71.2	
Q2503-04	GCAP3	28	1.18	10.64	11.82	8.16	65.6	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/7/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 07/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136368

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2503-05	GCAP2A	29	1.18	10.30	11.48	9.11	77.0	
Q2504-01	WASTE	30	1.14	10.73	11.87	10.16	84.1	
Q2504-02	VOC	31	1.18	10.81	11.99	10.45	85.8	
Q2504-03	1	32	1.14	10.84	11.98	10.36	85.1	
Q2504-04	2	33	1.19	10.41	11.6	9.91	83.8	
Q2504-05	3	34	1.13	10.75	11.88	10.22	84.6	
Q2504-06	4	35	1.14	10.52	11.66	10.03	84.5	
Q2504-07	5	36	1.12	10.87	11.99	10.16	83.2	
Q2505-01	#62825	37	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2505-02	#62525	38	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2505-03	#2008	39	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2507-01	SU-04-7.3-2025	40	1.17	10.26	11.43	10.1	87.0	
Q2507-02	SU-04-7.3-2025-EPH	41	1.18	10.30	11.48	9.99	85.5	
Q2507-03	SU-04-7.3-2025-VOC	42	1.13	10.45	11.58	9.95	84.4	
Q2508-01	AUD-25-0105	43	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2508-02	AUD-25-0106	44	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2508-03	AUD-25-0107	45	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2509-02	AUD-25-0112	46	1.00	1.00	2.00	2.00	100.0	oily-debris
Q2510-01	#63025-A	47	1.15	11.63	12.78	10.79	82.9	
Q2510-02	#63025-A-VOC	48	1.18	10.19	11.37	9.86	85.2	
Q2513-01	HR-2-070325	49	1.18	9.89	11.07	10.51	94.3	
Q2513-02	HR-2-070325-E2	50	1.18	10.25	11.43	10.68	92.7	
Q2513-03	HR-3-070325	51	1.18	10.27	11.45	10.88	94.4	
Q2513-04	HR-3-070325-E2	52	1.14	10.67	11.81	11.23	94.6	
Q2514-01	TP-92	53	1.14	10.78	11.92	10.56	87.4	
Q2514-02	TP-93	54	1.19	10.71	11.9	10.58	87.7	
Q2514-03	TP-94	55	1.13	10.86	11.99	10.7	88.1	
Q2514-04	TP-96	56	1.14	11.10	12.24	10.66	85.8	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/7/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 07/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136368

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2514-05	TP-97	57	1.16	10.02	11.18	9.68	85.0	
Q2514-06	TP-103	58	1.18	10.22	11.4	10.02	86.5	
Q2514-07	TP-36	59	1.15	10.78	11.93	10.88	90.3	
Q2514-08	TP-78	60	1.13	9.99	11.12	9.75	86.3	
Q2514-09	TP-81	61	1.16	10.50	11.66	10.22	86.3	
Q2514-10	TP-90	62	1.18	10.43	11.61	10.73	91.6	
Q2515-01	wc-1	63	1.15	10.31	11.46	10.17	87.5	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VP 136368

WorkList Name : %1-070325 **WorkList ID :** 190533 **Department :** Wet-Chemistry **Date :** 07-03-2025 08:34:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2487-01	G4(1.5)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-02	G4(10)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-03	G3(9)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-04	G3(3)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-05	G2(2.5)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-06	G2(9)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-07	G1(4.5)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-08	G1(10)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-09	G4(0-6)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-10	G4(6-12)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-11	G3(0-6)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-12	G3(6-12)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-13	G2(0-6)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-14	G2(6-12)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-15	G1(0-6)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-16	G1(6-12)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2501-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2501-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO

Date/Time 07/03/25 15:15

Raw Sample Received by: [signature] GPC

Raw Sample Relinquished by: JDCSM

Date/Time 07/03/25 17:35

Raw Sample Received by: JDCSM

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

UP 136368

WorkList Name : %1-070325 **WorkList ID :** 190533 **Department :** Wet-Chemistry **Date :** 07-03-2025 08:34:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2501-10	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-11	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-12	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2503-03	GCAP2	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2503-04	GCAP3	Solid	Percent Solids	Cool 4 deg C	GENV01	O11	07/02/2025	Chemtech -SO
Q2503-05	GCAP2A	Solid	Percent Solids	Cool 4 deg C	GENV01	O11	07/02/2025	Chemtech -SO
Q2504-01	WASTE	Solid	Percent Solids	Cool 4 deg C	GENV01	O11	07/02/2025	Chemtech -SO
Q2504-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2504-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2504-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2504-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2504-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2504-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2505-01	#62825	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2505-02	#62525	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/03/2025	Chemtech -SO
Q2505-03	#2008	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/03/2025	Chemtech -SO
Q2507-01	SU-04-7.3-2025	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/03/2025	Chemtech -SO
Q2507-02	SU-04-7.3-2025-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	O12	07/04/2025	Chemtech -SO
Q2507-03	SU-04-7.3-2025-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	O12	07/04/2025	Chemtech -SO

Date/Time 07/03/25 15:15

Raw Sample Received by: [signature]

Raw Sample Relinquished by: JD (SM)

Date/Time 07/03/25 17:35

Raw Sample Received by: JD (SM)

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

JB136368

WorkList Name : %1-070325 **WorkList ID :** 190533 **Department :** Wet-Chemistry **Date :** 07-03-2025 08:34:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2508-01	AUD-25-0105	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/03/2025	Chemtech -SO
Q2508-02	AUD-25-0106	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/03/2025	Chemtech -SO
Q2508-03	AUD-25-0107	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/03/2025	Chemtech -SO
Q2509-02	AUD-25-0112	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/03/2025	Chemtech -SO
Q2510-01	#63025-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/03/2025	Chemtech -SO
Q2510-02	#63025-A-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG05	O22	07/03/2025	Chemtech -SO
Q2513-01	HR-2-070325	Solid	Percent Solids	Cool 4 deg C	PSEG05	O22	07/03/2025	Chemtech -SO
Q2513-02	HR-2-070325-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	O21	07/03/2025	Chemtech -SO
Q2513-03	HR-3-070325	Solid	Percent Solids	Cool 4 deg C	PSEG05	O21	07/03/2025	Chemtech -SO
Q2513-04	HR-3-070325-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	O21	07/03/2025	Chemtech -SO
Q2514-01	TP-92	Solid	Percent Solids	Cool 4 deg C	PSEG05	O21	07/03/2025	Chemtech -SO
Q2514-02	TP-93	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/02/2025	Chemtech -SO
Q2514-03	TP-94	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/02/2025	Chemtech -SO
Q2514-04	TP-96	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/02/2025	Chemtech -SO
Q2514-05	TP-97	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/02/2025	Chemtech -SO
Q2514-06	TP-103	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/02/2025	Chemtech -SO
Q2514-07	TP-36	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/02/2025	Chemtech -SO
Q2514-08	TP-78	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/03/2025	Chemtech -SO
Q2514-09	TP-81	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/03/2025	Chemtech -SO
Q2514-10	TP-90	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/03/2025	Chemtech -SO
Q2515-01	wc-1	Solid	Percent Solids	Cool 4 deg C	ENVO01	O23	07/03/2025	Chemtech -SO

Date/Time 07/03/25 15:15

Raw Sample Received by: [illegible] JWC

Raw Sample Relinquished by: JD (SM)

Date/Time 07/03/25 17:35

Raw Sample Received by: JD (SM)

Raw Sample Relinquished by: [illegible] JWC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168738

SOP ID:	MNJDEP-EPH-8				
Clean Up SOP #:	N/A			**Extraction Start Date :**	07/07/2025
Matrix :	Solid			**Extraction Start Time :**	09:30
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	07/07/2025
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 :**	RUPESH

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	PP24625
Surrogate	1.0ML	100 PPM	PP24652
Fractionation Surrogate	1.0ML	100 PPM	PP24673
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	EP2612
Baked Na2SO4	N/A	EP2624
Hexane	N/A	E3947
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

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
7/7/25	RJ (EOL body)	Y-P-PE)HFCB,
13:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168738

Analytical Method: MNJDEP-EPH-8

Concentration Date: 07/07/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168738BL	PB168738BL	EPH_NF	30.02	N/A	ritesh	Evelyn	2			U1-1
PB168738BS	PB168738BS	EPH_NF	30.03	N/A	ritesh	Evelyn	2			2
PB168738BSD	PB168738BSD	EPH_NF	30.01	N/A	ritesh	Evelyn	2			3
Q2503-03	GCAP2	EPH_NF	30.06	N/A	ritesh	Evelyn	2	E		4
Q2503-04	GCAP3	EPH_NF	30.08	N/A	ritesh	Evelyn	2	E		5
Q2507-01	SU-04-7.3-2025	EPH_NF	30.03	N/A	ritesh	Evelyn	2	B		6
Q2507-02	SU-04-7.3-2025-EPH	EPH_NF	30.07	N/A	ritesh	Evelyn	2			U2-1
Q2513-01	HR-2-070325	EPH_NF	30.06	N/A	ritesh	Evelyn	2	E		2
Q2513-02	HR-2-070325-E2	EPH_NF	30.02	N/A	ritesh	Evelyn	2			3
Q2513-03	HR-3-070325	EPH_NF	30.01	N/A	ritesh	Evelyn	2	E		4
Q2513-04	HR-3-070325-E2	EPH_NF	30.04	N/A	ritesh	Evelyn	2			5
Q2515-01	WC-1	EPH_NF	30.06	N/A	ritesh	Evelyn	2	E		6
Q2515-01DUP	WC-1DUP	EPH_NF	30.07	N/A	ritesh	Evelyn	2	E		U3-1
Q2515-01MS	WC-1MS	EPH_NF	30.05	N/A	ritesh	Evelyn	2	E		2
Q2515-01MSD	WC-1MSD	EPH_NF	30.02	N/A	ritesh	Evelyn	2	E		3

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

168735
9:30

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2515 **WorkList ID :** 190568 **Department :** Extraction **Date :** 07-07-2025 09:21:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2503-03	GCAP2	Solid	EPH_NF	Cool 4 deg C	GENV01	O11	07/02/2025	NJEPH
Q2503-04	GCAP3	Solid	EPH_NF	Cool 4 deg C	GENV01	O11	07/02/2025	NJEPH
Q2507-01	SU-04-7.3-2025	Solid	EPH_NF	Cool 4 deg C	PSEG03	O12	07/04/2025	NJEPH
Q2507-02	SU-04-7.3-2025-EPH	Solid	EPH_NF	Cool 4 deg C	PSEG03	O12	07/04/2025	NJEPH
Q2513-01	HR-2-070325	Solid	EPH_NF	Cool 4 deg C	PSEG05	O21	07/03/2025	NJEPH
Q2513-02	HR-2-070325-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	O21	07/03/2025	NJEPH
Q2513-03	HR-3-070325	Solid	EPH_NF	Cool 4 deg C	PSEG05	O21	07/03/2025	NJEPH
Q2513-04	HR-3-070325-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	O21	07/03/2025	NJEPH
Q2515-01	wc-1	Solid	EPH_NF	Cool 4 deg C	ENVO01	O23	07/03/2025	NJEPH

Date/Time 07/07/25 9:25
Raw Sample Received by: RJ (EXL-KEL)
Raw Sample Relinquished by: JT (SM)

Date/Time 07/07/25 9:40
Raw Sample Received by: JT (SM)
Raw Sample Relinquished by: RJ (EXL-KEL)

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO. Q2515
QUOTE NO. Q2506095
COC Number 2035470

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Envogre
ADDRESS: 1527 RT 27
CITY Somerset STATE: NJ ZIP: 08873
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: MV Trucking
PROJECT NO.: 150851 LOCATION: Livingston NJ
PROJECT MANAGER:
e-mail: mpatel@envogrenj.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Envogre PO#: 150851
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

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 EDD CAT TCL/TAL+TPH 3 4 5 6 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	WC-1	Soil	X		7/3	1400	6	X	X								
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← 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. Mayur Patel	7/3 1400	1. 15:15
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 4.9 °C
Comments: 33.04 / 32.91 / 30.82

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other _____
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2515 ENVO01
Client Name : ENVOCARE Environmenta
Client Contact : Mayur Patel
Invoice Name : ENVOCARE Environmenta
Invoice Contact : Mayur Patel

Order Date : 7/3/2025 3:14:15 PM
Project Name : MV Trucking
Receive DateTime : 7/3/2025 3:15:00 PM
Purchase Order :

Project Mgr :
Report Type : US~~EPA CLP~~ Level 2
EDD Type : Equis Region2(MEDD)
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2515-01	~~WC~~-1	Solid	07/03/2025	14:08					
					VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	

Relinguished By :
Date / Time : 7/3/25 1525

Received By :
Date / Time : 07/03/25 15:25
Storage Area : VOA Refridgerator Room

12 of # 6
DZ2