284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Cover Page

Order ID : Q2504

Project ID : 98 Morse Ave Nutley

Client : Sciacca General Contractors, LLC

Lab Sample Number	Client Sample Number
Q2504-01	WASTE
Q2504-02	VOC
Q2504-03	1
Q2504-04	2
Q2504-05	3
Q2504-06	4
Q2504-07	5

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: 7/10/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2504**

	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: **MAHESH PATEL** **Date:** **07/10/2025**

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LAB CHRONICLE

OrderID:	Q2504	**OrderDate:**	7/3/2025 11:59:00 AM
Client:	Sciacca General Contractors, LLC	**Project:**	98 Morse Ave Nutley
Contact:	Rosanne Scirica	**Location:**	O12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2504-03	**1**	**Solid**			**07/02/25**			**07/03/25**
			EPH_F2	NJEPH		07/08/25	07/08/25	
Q2504-04	**2**	**Solid**			**07/02/25**			**07/03/25**
			EPH_F2	NJEPH		07/08/25	07/08/25	
Q2504-05	**3**	**Solid**			**07/02/25**			**07/03/25**
			EPH_F2	NJEPH		07/08/25	07/08/25	
Q2504-06	**4**	**Solid**			**07/02/25**			**07/03/25**
			EPH_F2	NJEPH		07/08/25	07/08/25	
Q2504-07	**5**	**Solid**			**07/02/25**			**07/03/25**
			EPH_F2	NJEPH		07/08/25	07/08/25	

QC SUMMARY

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SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: SCIA01

Lab Code: CHEM CASE No.: Q2504 SAS No.: Q2504 SDG No.: Q2504

Run Number: FC070825AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB168752BL	63	63		0
PB168752BS	77	75		0
PB168752BSD	74	72		0
1MS	66	65		0
1MSD	68	67		0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

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

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SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: SCIA01

Lab Code: CHEM CASE No.: Q2504 SAS No.: Q2504 SDG No.: Q2504

Run Number: FE070825AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
1	55	56		0
2	55	57		0
3	49	50		0
4	55	56		0
5	48	49		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_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	Chemtech			**Client:**	Sciacca General Contractors, LLC		
Lab Code:	CHEM	**Cas No:**	Q2504	**SAS No :**	Q2504	**SDG No:**	Q2504
Sample No :	Q2486-03MS	**Datafile:**	FC069393.D	**Client ID :**	1MS		

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	35.5	11.3	50.0	108		(40-140)
Aliphatic C9-C28	118.4	4.29	95.6	77		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
n-Nonane (C9)	3.9	0.0049	3.3768	86		(40-140)
n-Decane (C10)	3.9	0.0101	3.4799	89		(40-140)
Naphthalene (C11.7)	3.9	0.0197	3.9062	100		(40-140)
n-Dodecane (C12)	3.9	0.0091	3.4817	89		(40-140)
2-methylnaphthalene (C12.89)	3.9	0.0095	3.6673	94		(40-140)
n-Tetradecane (C14)	3.9	0.0135	3.3937	87		(40-140)
n-Hexadecane (C16)	3.9	0.0081	3.1967	82		(40-140)
n-Octadecane (C18)	3.9	0.0133	3.0819	79		(40-140)
n-Eicosane (C20)	3.9	0.0131	3.2612	83		(40-140)
n-Heneicosane (C21)	3.9	0.0206	3.1678	81		(40-140)
n-Docosane (C22)	3.9	0.0373	3.1577	80		(40-140)
n-Tetracosane (C24)	7.9	0.0783	9.4690	119		(40-140)
n-Hexacosane (C26)	3.9	0.0409	3.0773	78		(40-140)
n-Octacosane (C28)	3.9	0.0918	3.1009	77		(40-140)
n-Tricontane (C30)	3.9	0.1101	3.1620	78		(40-140)
n-Dotriacontane (C32)	3.9	0.1436	3.4117	84		(40-140)
n-Tetratriacontane (C34)	3.9	0.1716	4.1018	101		(40-140)
n-Hexatriacontane (C36)	3.9	0.3009	4.9707	120		(40-140)
n-Octatriacontane (C38)	3.9	0.2902	5.5416	135		(40-140)
n-Tetracontane (C40)	3.9	0.1395	5.7238	143	*	(40-140)

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SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Sciacca General Contractors, LLC

Lab Code: CHEM **Cas No:** Q2504 **SAS No :** Q2504 **SDG No:** Q2504

Sample No : Q2486-03MSD **Datafile:** FC069394.D **Client ID :** 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	35.6	11.3	62.4	143	*	27 |	(40-140)	50
Aliphatic C9-C28	118.6	4.29	98.3	79		2.8 |	(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)	4.0	0.0049	3.4898	87		1.16 |	(40-140)	50
n-Decane (C10)	4.0	0.0101	3.6078	90		1.12 |	(40-140)	50
Naphthalene (C11.7)	4.0	0.0197	4.0469	101		1 |	(40-140)	50
n-Dodecane (C12)	4.0	0.0091	3.6199	90		1.12 |	(40-140)	50
2-methylnaphthalene (C12.89)	4.0	0.0095	3.7836	94		0 |	(40-140)	50
n-Tetradecane (C14)	4.0	0.0135	3.5238	88		1.14 |	(40-140)	50
n-Hexadecane (C16)	4.0	0.0081	3.3086	83		1.21 |	(40-140)	50
n-Octadecane (C18)	4.0	0.0133	3.1848	79		0 |	(40-140)	50
n-Eicosane (C20)	4.0	0.0131	3.3668	84		1.2 |	(40-140)	50
n-Heneicosane (C21)	4.0	0.0206	3.2537	81		0 |	(40-140)	50
n-Docosane (C22)	4.0	0.0373	3.2374	80		0 |	(40-140)	50
n-Tetracosane (C24)	7.9	0.0783	6.4000	80		39.2 |	(40-140)	50
n-Hexacosane (C26)	4.0	0.0409	3.1476	78		0 |	(40-140)	50
n-Octacosane (C28)	4.0	0.0918	3.1944	78		1.29 |	(40-140)	50
n-Tricontane (C30)	4.0	0.1101	3.3414	81		3.77 |	(40-140)	50
n-Dotriacontane (C32)	4.0	0.1436	3.6177	87		3.51 |	(40-140)	50
n-Tetratriacontane (C34)	4.0	0.1716	4.3924	106		4.83 |	(40-140)	50
n-Hexatriacontane (C36)	4.0	0.3009	5.3469	126		4.88 |	(40-140)	50
n-Octatriacontane (C38)	4.0	0.2902	6.9075	165	*	20 |	(40-140)	50
n-Tetracontane (C40)	4.0	0.1395	6.5743	161	*	11.84 |	(40-140)	50

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SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Sciacca General Contractors, LLC

Lab Code: CHEM **Cas No:** Q2504 **SAS No :** Q2504 **SDG No:** Q2504

Sample No : PB168752BS **Datafile:** FC069390.D **Client ID :** PB168752BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	30.0	28.6	95		(40-140)
Aliphatic C9-C28	99.9	80.8	82		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
n-Nonane (C9)	3.3	3.03955	92		(40-140)
n-Decane (C10)	3.3	3.13358	95		(40-140)
Naphthalene (C11.7)	3.3	3.49510	106		(40-140)
n-Dodecane (C12)	3.3	3.13093	95		(40-140)
2-methylnaphthalene (C12.89)	3.3	3.28081	99		(40-140)
n-Tetradecane (C14)	3.3	3.05506	93		(40-140)
n-Hexadecane (C16)	3.3	2.88093	87		(40-140)
n-Octadecane (C18)	3.3	2.77577	84		(40-140)
n-Eicosane (C20)	3.3	2.91003	88		(40-140)
n-Heneicosane (C21)	3.3	2.81777	85		(40-140)
n-Docosane (C22)	3.3	2.78805	84		(40-140)
n-Tetracosane (C24)	6.7	5.46467	82		(40-140)
n-Hexacosane (C26)	3.3	2.69939	82		(40-140)
n-Octacosane (C28)	3.3	2.69552	82		(40-140)
n-Tricontane (C30)	3.3	2.68900	81		(40-140)
n-Dotriacontane (C32)	3.3	2.78726	84		(40-140)
n-Tetratriacontane (C34)	3.3	3.09273	94		(40-140)
n-Hexatriacontane (C36)	3.3	3.01664	91		(40-140)
n-Octatriacontane (C38)	3.3	2.77124	84		(40-140)
n-Tetracontane (C40)	3.3	2.47710	75		(40-140)

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SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Sciacca General Contractors, LLC

Lab Code: CHEM **Cas No:** Q2504 **SAS No :** Q2504 **SDG No:** Q2504

Sample No : PB168752BSD **Datafile:** FC069391.D **Client ID :** PB168752BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	30.0	28.9	96		1|	(40-140)	25
Aliphatic C9-C28	99.9	77.9	80		3.6|	(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	2.91633	88		4.44|	(40-140)	25
n-Decane (C10)	3.3	3.01174	91		4.3|	(40-140)	25
Naphthalene (C11.7)	3.3	3.37497	102		3.85|	(40-140)	25
n-Dodecane (C12)	3.3	3.00733	91		4.3|	(40-140)	25
2-methylnaphthalene (C12.89)	3.3	3.16708	96		3.08|	(40-140)	25
n-Tetradecane (C14)	3.3	2.93009	89		4.4|	(40-140)	25
n-Hexadecane (C16)	3.3	2.74985	83		4.71|	(40-140)	25
n-Octadecane (C18)	3.3	2.64110	80		4.88|	(40-140)	25
n-Eicosane (C20)	3.3	2.76963	84		4.65|	(40-140)	25
n-Heneicosane (C21)	3.3	2.68719	81		4.82|	(40-140)	25
n-Docosane (C22)	3.3	2.66302	81		3.64|	(40-140)	25
n-Tetracosane (C24)	6.7	5.30288	79		3.73|	(40-140)	25
n-Hexacosane (C26)	3.3	2.59971	79		3.73|	(40-140)	25
n-Octacosane (C28)	3.3	2.60659	79		3.73|	(40-140)	25
n-Tricontane (C30)	3.3	2.60734	79		2.5|	(40-140)	25
n-Dotriacontane (C32)	3.3	2.72255	83		1.2|	(40-140)	25
n-Tetratriacontane (C34)	3.3	3.08344	93		1.07|	(40-140)	25
n-Hexatriacontane (C36)	3.3	3.15034	95		4.3|	(40-140)	25
n-Octatriacontane (C38)	3.3	3.06358	93		10.17|	(40-140)	25
n-Tetracontane (C40)	3.3	2.82557	86		13.66|	(40-140)	25

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4B

METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168752BL

Lab Name: CHEMTECH Contract: SCIA01

Lab Code: CHEM Case No.: Q2504 SAS No.: Q2504 SDG NO.: Q2504

Instrument ID: FID_C Lab Sample ID: PB168752BL

Matrix: (soil/water) Solid Date Extracted: 7/8/2025 9:05:00 AM

Level: (low/med) low

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

EPA SAMPLE NO.	LAB SAMPLE ID
PB168752BS	PB168752BS
PB168752BSD	PB168752BSD
1MS	Q2486-03MS
1MSD	Q2486-03MSD
1	Q2504-03
2	Q2504-04
3	Q2504-05
4	Q2504-06
5	Q2504-07

COMMENTS:

SAMPLE DATA

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Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/02/25
Project:	98 Morse Ave Nutley	Date Received:	07/03/25
Client Sample ID:	1	SDG No.:	Q2504
Lab Sample ID:	Q2504-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/08/25 09:05	07/08/25 16:33	PB168752

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.62	J	1	1.07	4.68	mg/kg	FE054744.D
Total EPH	Total EPH	3.62	J		1.07	4.68	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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:	Sciacca General Contractors, LLC	Date Collected:	07/02/25
Project:	98 Morse Ave Nutley	Date Received:	07/03/25
Client Sample ID:	1	SDG No.:	Q2504
Lab Sample ID:	Q2504-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054744.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.62	J	1.07	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.8		1.38	2.34	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.5		40 - 140	55%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.1		40 - 140	56%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2504-03	Acq On:	08 Jul 2025 16:33
Client Sample ID:	1	Operator:	YP\AJ
Data file:	FE054744.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.956	451906	3.321	300	ug/ml
Aliphatic C12-C16	6.957	10.409	1048069	7.456	200	ug/ml
Aliphatic C16-C21	10.410	13.786	2237340	15.495	300	ug/ml
Aliphatic C21-C28	13.787	17.458	2912773	20.136	400	ug/ml
Aliphatic C28-C40	17.459	22.482	22702546	163.743	600	ug/ml
Aliphatic EPH	3.323	22.482	29352634	210.152		ug/ml
ortho-Terphenyl (SURR)	12.082	12.082	4565279	28.11		ug/ml
1-chlorooctadecane (SURR)	13.517	13.517	3470431	27.48		ug/ml
Aliphatic C9-C28	3.323	17.458	6650088	46.408	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054744.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 16:33
Operator : YP\AJ
Sample : Q2504-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
1

Integration File: autoint1.e
Quant Time: Jul 09 06:39:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 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)	12.082	4565279	28.112 ug/ml
Spiked Amount 50.000		Recovery =	56.22%
12) S 1-chlorooctadecane (S...	13.517	3470431	27.479 ug/ml
Spiked Amount 50.000		Recovery =	54.96%
Target Compounds			

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

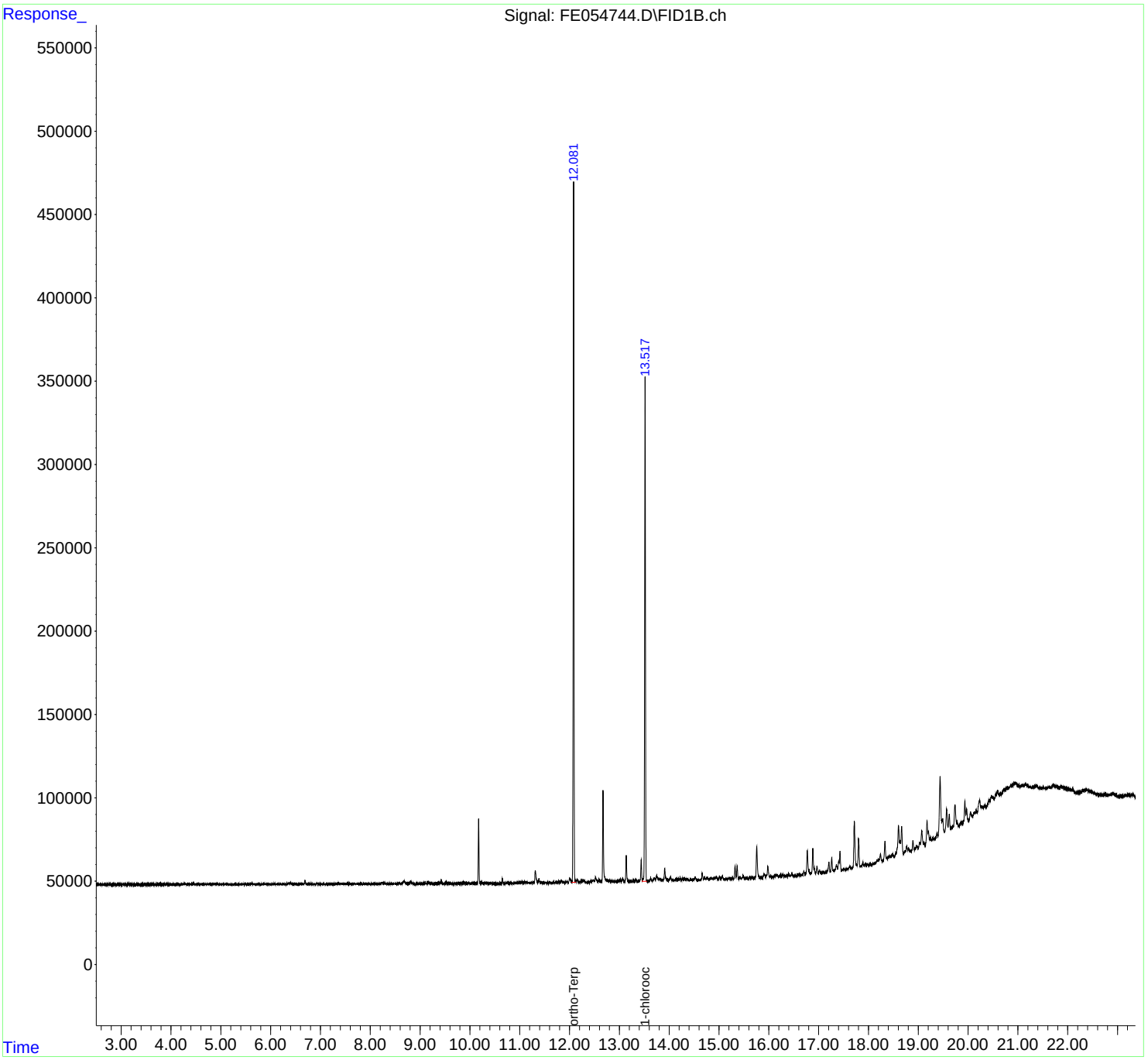
Quantitation Report (QT Reviewed)

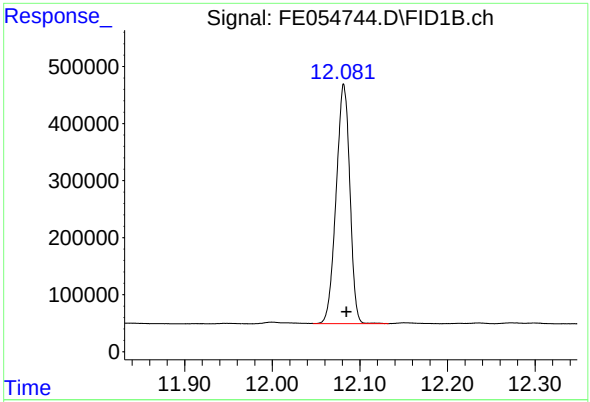
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054744.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 16:33
Operator : YP\AJ
Sample : Q2504-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
1

Integration File: autoint1.e
Quant Time: Jul 09 06:39:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

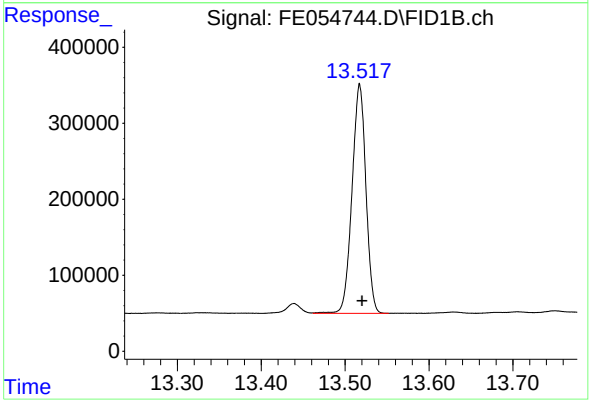




#9 ortho-Terphenyl (SURR)

R.T.: 12.082 min
Delta R.T.: -0.003 min
Response: 4565279
Conc: 28.11 ug/ml

Instrument :
FID_E
ClientSampleId :
1



#12 1-chlorooctadecane (SURR)

R.T.: 13.517 min
Delta R.T.: -0.003 min
Response: 3470431
Conc: 27.48 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054744.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 16:33
Sample : Q2504-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.850	2.804	2.871	BV	142	2563	0.06%	0.007%
2	2.881	2.871	2.908	VV	83	1305	0.03%	0.003%
3	2.968	2.908	3.014	PV	177	4528	0.10%	0.012%
4	3.064	3.014	3.133	PV	204	8969	0.20%	0.024%
5	3.155	3.133	3.212	VV	480	8253	0.18%	0.022%
6	3.238	3.212	3.255	VV	150	2388	0.05%	0.006%
7	3.282	3.255	3.301	VV	186	2604	0.06%	0.007%
8	3.308	3.301	3.317	VV	106	700	0.02%	0.002%
9	3.330	3.317	3.375	VV	115	2830	0.06%	0.008%
10	3.421	3.375	3.519	VV	273	9550	0.21%	0.026%
11	3.525	3.519	3.531	VV	114	586	0.01%	0.002%
12	3.546	3.531	3.558	VV	101	1497	0.03%	0.004%
13	3.568	3.558	3.578	VV	121	977	0.02%	0.003%
14	3.586	3.578	3.591	VV	111	605	0.01%	0.002%
15	3.601	3.591	3.612	VV	119	1214	0.03%	0.003%
16	3.618	3.612	3.624	VV	105	626	0.01%	0.002%
17	3.634	3.624	3.694	VV	163	4247	0.09%	0.011%
18	3.706	3.694	3.761	VV	179	4835	0.11%	0.013%
19	3.772	3.761	3.810	VV	239	5087	0.11%	0.014%
20	3.823	3.810	3.868	VV	198	4329	0.09%	0.012%
21	3.874	3.868	3.913	VV	221	3638	0.08%	0.010%
22	3.944	3.913	3.968	VV	194	4599	0.10%	0.012%
23	3.978	3.968	4.036	VV	164	4981	0.11%	0.013%
24	4.065	4.036	4.084	VV	184	3370	0.07%	0.009%
25	4.147	4.084	4.181	VV	244	7821	0.17%	0.021%
26	4.206	4.181	4.226	VV	241	4903	0.11%	0.013%
27	4.268	4.226	4.378	VV	729	31376	0.68%	0.084%
28	4.388	4.378	4.396	VV	280	2767	0.06%	0.007%
29	4.406	4.396	4.424	VV	273	4235	0.09%	0.011%
30	4.447	4.424	4.503	VV	798	17855	0.39%	0.048%
31	4.513	4.503	4.524	VV	322	3533	0.08%	0.009%
32	4.536	4.524	4.552	VV	319	3966	0.09%	0.011%
33	4.561	4.552	4.578	VV	228	3100	0.07%	0.008%
34	4.609	4.578	4.620	VV	285	4843	0.11%	0.013%
35	4.634	4.620	4.655	VV	221	3603	0.08%	0.010%
36	4.679	4.655	4.708	VV	366	8023	0.17%	0.021%

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37	4.724	4.708	4.744	VV	300	5078	0.11%	0.014%
38	4.752	4.744	4.764	VV	252	2531	0.06%	0.007%
39	4.791	4.764	4.822	VV	344	9490	0.21%	0.025%
40	4.848	4.822	4.868	VV	562	9003	0.20%	0.024%
41	4.907	4.868	5.013	VV	510	25781	0.56%	0.069%
42	5.053	5.013	5.084	VV	305	9303	0.20%	0.025%
43	5.096	5.084	5.115	VV	260	3392	0.07%	0.009%
44	5.140	5.115	5.184	VV	238	6466	0.14%	0.017%
45	5.198	5.184	5.220	VV	164	3082	0.07%	0.008%
46	5.237	5.220	5.271	VV	206	4120	0.09%	0.011%
47	5.300	5.271	5.353	VV	251	5636	0.12%	0.015%
48	5.364	5.353	5.378	VV	176	1528	0.03%	0.004%
49	5.404	5.378	5.428	VV	230	4639	0.10%	0.012%
50	5.447	5.428	5.476	VV	211	4656	0.10%	0.012%
51	5.502	5.476	5.545	VV	235	5658	0.12%	0.015%
52	5.571	5.545	5.584	VV	163	2295	0.05%	0.006%
53	5.624	5.584	5.654	VV	1015	13304	0.29%	0.036%
54	5.662	5.654	5.686	VV	179	2779	0.06%	0.007%
55	5.697	5.686	5.731	VV	160	3539	0.08%	0.009%
56	5.754	5.731	5.785	PV	151	2848	0.06%	0.008%
57	5.821	5.785	5.833	VV	198	3255	0.07%	0.009%
58	5.877	5.833	5.915	VV	523	11108	0.24%	0.030%
59	6.020	5.915	6.037	VV	217	9676	0.21%	0.026%
60	6.048	6.037	6.055	VV	229	1510	0.03%	0.004%
61	6.070	6.055	6.088	VV	332	3707	0.08%	0.010%
62	6.095	6.088	6.115	VV	181	2412	0.05%	0.006%
63	6.139	6.115	6.171	VV	366	5740	0.13%	0.015%
64	6.192	6.171	6.219	VV	393	5936	0.13%	0.016%
65	6.229	6.219	6.238	VV	114	1182	0.03%	0.003%
66	6.300	6.238	6.314	VV	213	6501	0.14%	0.017%
67	6.332	6.314	6.344	VV	525	5807	0.13%	0.016%
68	6.362	6.344	6.382	VV	680	11439	0.25%	0.031%
69	6.400	6.382	6.464	VV	929	21019	0.46%	0.056%
70	6.485	6.464	6.543	VV	403	11409	0.25%	0.030%
71	6.560	6.543	6.578	VV	274	4755	0.10%	0.013%
72	6.587	6.578	6.608	VV	269	3371	0.07%	0.009%
73	6.634	6.608	6.664	VV	249	7046	0.15%	0.019%
74	6.691	6.664	6.779	VV	2515	35584	0.78%	0.095%
75	6.797	6.779	6.834	VV	263	6619	0.14%	0.018%
76	6.852	6.834	6.904	VV	267	9544	0.21%	0.025%
77	6.930	6.904	6.948	VV	728	10162	0.22%	0.027%
78	6.966	6.948	6.998	VV	326	6543	0.14%	0.017%
79	7.011	6.998	7.079	VV	174	6282	0.14%	0.017%
80	7.091	7.079	7.127	VV	102	2540	0.06%	0.007%
81	7.142	7.127	7.154	VV	175	1868	0.04%	0.005%
82	7.157	7.154	7.166	VV	159	660	0.01%	0.002%
83	7.191	7.166	7.248	VV	235	6264	0.14%	0.017%
84	7.255	7.248	7.268	VV	209	1657	0.04%	0.004%
85	7.283	7.268	7.334	VV	168	5125	0.11%	0.014%
86	7.359	7.334	7.378	VV	520	9581	0.21%	0.026%
87	7.399	7.378	7.424	VV	427	9524	0.21%	0.025%
88	7.447	7.424	7.477	VV	373	7475	0.16%	0.020%
89	7.496	7.477	7.517	VV	408	7157	0.16%	0.019%

90	7.536	7.517	7.609	VV	631	13484	0.29%	0.036%
91	7.638	7.609	7.653	VV	292	3769	0.08%	0.010%
92	7.682	7.653	7.707	VV	658	11208	0.24%	0.030%
93	7.719	7.707	7.738	VV	228	3230	0.07%	0.009%
94	7.804	7.738	7.820	VV	243	7348	0.16%	0.020%
95	7.861	7.820	7.874	VV	230	5417	0.12%	0.014%
96	7.893	7.874	7.908	VV	285	4374	0.10%	0.012%
97	7.940	7.908	7.963	VV	299	7558	0.16%	0.020%
98	7.974	7.963	8.001	VV	269	4053	0.09%	0.011%
99	8.026	8.001	8.070	VV	282	6642	0.14%	0.018%
100	8.097	8.070	8.131	VV	516	8304	0.18%	0.022%
101	8.158	8.131	8.170	VV	167	3048	0.07%	0.008%
102	8.233	8.170	8.253	VV	1087	22891	0.50%	0.061%
103	8.265	8.253	8.285	VV	840	11007	0.24%	0.029%
104	8.294	8.285	8.330	VV	403	6810	0.15%	0.018%
105	8.341	8.330	8.367	VV	273	3566	0.08%	0.010%
106	8.400	8.367	8.428	VV	264	6235	0.14%	0.017%
107	8.458	8.428	8.474	VV	335	6071	0.13%	0.016%
108	8.515	8.474	8.551	VV	289	9843	0.21%	0.026%
109	8.581	8.551	8.604	VV	705	13564	0.30%	0.036%
110	8.622	8.604	8.638	VV	468	7440	0.16%	0.020%
111	8.677	8.638	8.735	VV	1921	54439	1.19%	0.145%
112	8.756	8.735	8.778	VV	326	6601	0.14%	0.018%
113	8.808	8.778	8.911	VV	1743	39682	0.87%	0.106%
114	8.924	8.911	8.961	VV	340	6375	0.14%	0.017%
115	8.998	8.961	9.008	VV	267	4707	0.10%	0.013%
116	9.028	9.008	9.041	VV	284	4898	0.11%	0.013%
117	9.080	9.041	9.091	VV	399	10428	0.23%	0.028%
118	9.105	9.091	9.133	VV	770	11636	0.25%	0.031%
119	9.168	9.133	9.211	VV	903	22922	0.50%	0.061%
120	9.231	9.211	9.287	VV	363	11908	0.26%	0.032%
121	9.302	9.287	9.344	VV	359	9494	0.21%	0.025%
122	9.381	9.344	9.396	VV	484	11128	0.24%	0.030%
123	9.423	9.396	9.479	VV	1660	37300	0.81%	0.100%
124	9.520	9.479	9.543	VV	912	16706	0.36%	0.045%
125	9.558	9.543	9.600	VV	460	10193	0.22%	0.027%
126	9.620	9.600	9.652	VV	326	6516	0.14%	0.017%
127	9.675	9.652	9.691	VV	279	4457	0.10%	0.012%
128	9.709	9.691	9.738	VV	361	7266	0.16%	0.019%
129	9.762	9.738	9.778	VV	315	5462	0.12%	0.015%
130	9.788	9.778	9.801	VV	340	3372	0.07%	0.009%
131	9.805	9.801	9.834	VV	242	3307	0.07%	0.009%
132	9.859	9.834	9.881	VV	778	12730	0.28%	0.034%
133	9.899	9.881	9.939	VV	959	18730	0.41%	0.050%
134	9.977	9.939	10.010	VV	462	13984	0.31%	0.037%
135	10.046	10.010	10.061	VV	489	11067	0.24%	0.030%
136	10.080	10.061	10.126	VV	581	15178	0.33%	0.041%
137	10.176	10.126	10.220	VV	38871	408506	8.91%	1.091%
138	10.242	10.220	10.274	VV	728	15538	0.34%	0.041%
139	10.304	10.274	10.388	VV	893	25440	0.55%	0.068%
140	10.406	10.388	10.444	VV	305	7561	0.16%	0.020%
141	10.468	10.444	10.505	VV	245	5245	0.11%	0.014%

142	10.516	10.505	10.535	PV	143	1158	0.03%	0.003%
143	10.549	10.535	10.561	PV	100	1068	0.02%	0.003%
144	10.566	10.561	10.574	VV	170	846	0.02%	0.002%
145	10.579	10.574	10.604	VV	285	2094	0.05%	0.006%
146	10.653	10.604	10.679	VV	3096	37404	0.82%	0.100%
147	10.698	10.679	10.713	VV	339	5511	0.12%	0.015%
148	10.743	10.713	10.774	VV	693	16784	0.37%	0.045%
149	10.781	10.774	10.808	VV	420	6354	0.14%	0.017%
150	10.827	10.808	10.841	VV	234	3959	0.09%	0.011%
151	10.854	10.841	10.874	VV	312	5257	0.11%	0.014%
152	10.956	10.874	10.976	VV	854	22098	0.48%	0.059%
153	11.000	10.976	11.020	VV	854	13485	0.29%	0.036%
154	11.047	11.020	11.065	VV	995	14512	0.32%	0.039%
155	11.114	11.065	11.134	VV	841	24271	0.53%	0.065%
156	11.150	11.134	11.172	VV	721	10826	0.24%	0.029%
157	11.191	11.172	11.228	VV	351	10550	0.23%	0.028%
158	11.273	11.228	11.288	VV	852	15192	0.33%	0.041%
159	11.313	11.288	11.365	VV	7507	139535	3.04%	0.373%
160	11.386	11.365	11.434	VV	2955	44603	0.97%	0.119%
161	11.443	11.434	11.458	VV	448	5419	0.12%	0.014%
162	11.477	11.458	11.511	VV	398	10041	0.22%	0.027%
163	11.521	11.511	11.550	VV	408	6375	0.14%	0.017%
164	11.560	11.550	11.578	VV	263	2866	0.06%	0.008%
165	11.597	11.578	11.655	VV	724	10581	0.23%	0.028%
166	11.682	11.655	11.701	VV	591	8084	0.18%	0.022%
167	11.724	11.701	11.737	VV	638	9698	0.21%	0.026%
168	11.752	11.737	11.768	VV	907	11666	0.25%	0.031%
169	11.784	11.768	11.814	VV	815	15373	0.34%	0.041%
170	11.838	11.814	11.897	VV	1337	31762	0.69%	0.085%
171	11.916	11.897	11.929	VV	431	5735	0.13%	0.015%
172	11.948	11.929	11.978	VV	890	14622	0.32%	0.039%
173	12.000	11.978	12.046	VV	3048	62670	1.37%	0.167%
174	12.082	12.046	12.133	VV	419749	4584868	100.00%	12.244%
175	12.151	12.133	12.194	VV	1848	34135	0.74%	0.091%
176	12.236	12.194	12.253	VV	1489	27366	0.60%	0.073%
177	12.273	12.253	12.289	VV	1634	23470	0.51%	0.063%
178	12.299	12.289	12.325	VV	1348	16580	0.36%	0.044%
179	12.364	12.325	12.388	PV	322	7686	0.17%	0.021%
180	12.425	12.388	12.439	VV	949	15760	0.34%	0.042%
181	12.473	12.439	12.503	VV	1621	38194	0.83%	0.102%
182	12.522	12.503	12.571	VV	3489	66650	1.45%	0.178%
183	12.591	12.571	12.636	VV	1599	34264	0.75%	0.092%
184	12.673	12.636	12.778	VV	54111	703375	15.34%	1.878%
185	12.796	12.778	12.824	VV	927	21906	0.48%	0.058%
186	12.841	12.824	12.854	VV	676	10497	0.23%	0.028%
187	12.863	12.854	12.895	VV	569	12359	0.27%	0.033%
188	12.910	12.895	12.947	VV	565	12323	0.27%	0.033%
189	12.970	12.947	12.992	VV	915	16090	0.35%	0.043%
190	13.020	12.992	13.039	VV	1296	23587	0.51%	0.063%
191	13.066	13.039	13.110	VV	1872	37183	0.81%	0.099%
192	13.139	13.110	13.179	VV	15928	189806	4.14%	0.507%
193	13.188	13.179	13.222	VV	519	8942	0.20%	0.024%
194	13.276	13.222	13.304	VV	851	20364	0.44%	0.054%

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195	13.328	13.304	13.368	VV	983	23166	0.51%	0.062%
196	13.378	13.368	13.400	VV	464	6492	0.14%	0.017%
197	13.439	13.400	13.461	VV	13071	156657	3.42%	0.418%
198	13.517	13.461	13.558	VV	301577	3477393	75.84%	9.286%
199	13.580	13.558	13.593	VV	175	3428	0.07%	0.009%
200	13.629	13.593	13.656	VV	1701	28113	0.61%	0.075%
201	13.705	13.656	13.724	VV	2002	45376	0.99%	0.121%
202	13.750	13.724	13.794	VV	3292	77927	1.70%	0.208%
203	13.806	13.794	13.828	VV	1343	21800	0.48%	0.058%
204	13.837	13.828	13.854	VV	805	9457	0.21%	0.025%
205	13.911	13.854	13.984	VV	7501	141544	3.09%	0.378%
206	14.029	13.984	14.071	VV	2424	49018	1.07%	0.131%
207	14.085	14.071	14.111	VV	451	8049	0.18%	0.021%
208	14.138	14.111	14.160	VV	1431	23086	0.50%	0.062%
209	14.179	14.160	14.198	VV	1071	15454	0.34%	0.041%
210	14.220	14.198	14.243	VV	1770	24879	0.54%	0.066%
211	14.270	14.243	14.284	VV	1347	21461	0.47%	0.057%
212	14.306	14.284	14.328	VV	1254	23895	0.52%	0.064%
213	14.350	14.328	14.401	VV	976	23270	0.51%	0.062%
214	14.431	14.401	14.464	VV	610	12860	0.28%	0.034%
215	14.487	14.464	14.500	VV	550	8622	0.19%	0.023%
216	14.524	14.500	14.585	VV	1959	31414	0.69%	0.084%
217	14.664	14.585	14.689	PV	4280	61507	1.34%	0.164%
218	14.709	14.689	14.731	VV	2137	31687	0.69%	0.085%
219	14.765	14.731	14.812	VV	1470	39372	0.86%	0.105%
220	14.835	14.812	14.855	VV	1386	21658	0.47%	0.058%
221	14.869	14.855	14.884	VV	928	12179	0.27%	0.033%
222	14.909	14.884	14.922	VV	1219	20311	0.44%	0.054%
223	14.943	14.922	14.984	VV	1554	36064	0.79%	0.096%
224	15.011	14.984	15.033	VV	2116	28282	0.62%	0.076%
225	15.067	15.033	15.114	VV	2042	39157	0.85%	0.105%
226	15.149	15.114	15.161	VV	504	9828	0.21%	0.026%
227	15.178	15.161	15.205	VV	497	11354	0.25%	0.030%
228	15.217	15.205	15.252	VV	506	8959	0.20%	0.024%
229	15.274	15.252	15.294	PV	906	12412	0.27%	0.033%
230	15.322	15.294	15.343	VV	7736	97294	2.12%	0.260%
231	15.364	15.343	15.398	VV	8128	107517	2.35%	0.287%
232	15.421	15.398	15.443	VV	1478	19618	0.43%	0.052%
233	15.484	15.443	15.536	VV	2149	42243	0.92%	0.113%
234	15.561	15.536	15.594	VV	821	14103	0.31%	0.038%
235	15.623	15.594	15.650	PV	880	16029	0.35%	0.043%
236	15.669	15.650	15.703	VV	769	15665	0.34%	0.042%
237	15.758	15.703	15.829	VV	19054	313264	6.83%	0.837%
238	15.852	15.829	15.871	VV	546	8727	0.19%	0.023%
239	15.899	15.871	15.935	VV	1880	44366	0.97%	0.118%
240	15.981	15.935	16.016	VV	6894	126797	2.77%	0.339%
241	16.032	16.016	16.064	VV	1103	14649	0.32%	0.039%
242	16.083	16.064	16.098	VV	356	3668	0.08%	0.010%
243	16.160	16.098	16.193	VV	1289	46760	1.02%	0.125%
244	16.214	16.193	16.225	VV	569	7400	0.16%	0.020%
245	16.241	16.225	16.251	VV	846	7182	0.16%	0.019%
246	16.279	16.251	16.308	VV	1259	21509	0.47%	0.057%

247	16.322	16.308	16.336	VV	470	6373	0.14%	0.017%
248	16.357	16.336	16.377	VV	803	12467	0.27%	0.033%
249	16.399	16.377	16.437	VV	1596	27888	0.61%	0.074%
250	16.462	16.437	16.511	VV	1890	30724	0.67%	0.082%
251	16.529	16.511	16.550	VV	361	4162	0.09%	0.011%
252	16.612	16.550	16.628	PV	576	16178	0.35%	0.043%
253	16.638	16.628	16.651	VV	196	1910	0.04%	0.005%
254	16.703	16.651	16.731	PV	2171	39397	0.86%	0.105%
255	16.773	16.731	16.838	VV	14286	254233	5.55%	0.679%
256	16.885	16.838	16.936	VV	15458	253997	5.54%	0.678%
257	16.968	16.936	16.995	VV	4276	62301	1.36%	0.166%
258	17.017	16.995	17.041	PV	2004	24714	0.54%	0.066%
259	17.051	17.041	17.063	VV	264	2661	0.06%	0.007%
260	17.105	17.063	17.121	VV	384	6574	0.14%	0.018%
261	17.207	17.121	17.232	VV	5984	97534	2.13%	0.260%
262	17.264	17.232	17.304	PV	8370	115181	2.51%	0.308%
263	17.357	17.304	17.380	VV	3323	74476	1.62%	0.199%
264	17.429	17.380	17.458	VV	11769	227633	4.96%	0.608%
265	17.507	17.458	17.536	VV	622	14856	0.32%	0.040%
266	17.577	17.536	17.587	PV	271	5426	0.12%	0.014%
267	17.623	17.587	17.658	VV	1652	34665	0.76%	0.093%
268	17.717	17.658	17.773	VV	28541	492335	10.74%	1.315%
269	17.803	17.773	17.838	VV	17196	252561	5.51%	0.674%
270	17.854	17.838	17.868	VV	656	9485	0.21%	0.025%
271	17.888	17.868	17.908	VV	2774	38485	0.84%	0.103%
272	17.932	17.908	17.964	VV	1342	29778	0.65%	0.080%
273	17.983	17.964	18.004	VV	846	13052	0.28%	0.035%
274	18.040	18.004	18.064	PV	634	13079	0.29%	0.035%
275	18.088	18.064	18.098	PV	449	4299	0.09%	0.011%
276	18.122	18.098	18.138	VV	530	8301	0.18%	0.022%
277	18.242	18.138	18.280	VV	4802	141925	3.10%	0.379%
278	18.331	18.280	18.359	VV	11577	181073	3.95%	0.484%
279	18.368	18.359	18.384	VV	1352	17773	0.39%	0.047%
280	18.405	18.384	18.418	VV	1963	28410	0.62%	0.076%
281	18.436	18.418	18.451	VV	1523	27479	0.60%	0.073%
282	18.483	18.451	18.522	VV	2620	63191	1.38%	0.169%
283	18.603	18.522	18.626	VV	18263	414290	9.04%	1.106%
284	18.637	18.626	18.646	VV	8902	101032	2.20%	0.270%
285	18.666	18.646	18.704	VV	17277	282335	6.16%	0.754%
286	18.769	18.704	18.789	VV	4193	101534	2.21%	0.271%
287	18.803	18.789	18.851	VV	2776	46999	1.03%	0.126%
288	18.893	18.851	18.919	PV	6372	93486	2.04%	0.250%
289	18.968	18.919	18.996	VV	2220	65352	1.43%	0.175%
290	19.027	18.996	19.041	VV	4038	64737	1.41%	0.173%
291	19.070	19.041	19.102	VV	10507	210019	4.58%	0.561%
292	19.114	19.102	19.134	VV	2481	38609	0.84%	0.103%
293	19.176	19.134	19.194	VV	15319	254695	5.56%	0.680%
294	19.203	19.194	19.229	VV	8395	130117	2.84%	0.347%
295	19.247	19.229	19.270	VV	4569	88491	1.93%	0.236%
296	19.294	19.270	19.316	VV	4218	92073	2.01%	0.246%
297	19.375	19.316	19.394	VV	5623	174330	3.80%	0.466%
298	19.438	19.394	19.475	VV	38841	901288	19.66%	2.407%
299	19.490	19.475	19.524	VV	13134	279986	6.11%	0.748%

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300	19.570	19.524	19.597	VV	17913	445796	9.72%	1.190%
301	19.622	19.597	19.648	VV	14653	299377	6.53%	0.799%
302	19.666	19.648	19.679	VV	6066	109944	2.40%	0.294%
303	19.737	19.679	19.816	VV	18771	749733	16.35%	2.002%
304	19.859	19.816	19.880	VV	7201	232001	5.06%	0.620%
305	19.936	19.880	19.954	VV	19113	456565	9.96%	1.219%
306	19.970	19.954	20.007	VV	13899	323178	7.05%	0.863%
307	20.050	20.007	20.084	VV	11347	401367	8.75%	1.072%
308	20.121	20.084	20.137	VV	10185	293540	6.40%	0.784%
309	20.161	20.137	20.181	VV	10891	269787	5.88%	0.720%
310	20.232	20.181	20.255	VV	16441	592365	12.92%	1.582%
311	20.267	20.255	20.308	VV	12593	365637	7.97%	0.976%
312	20.336	20.308	20.366	VV	12512	408266	8.90%	1.090%
313	20.426	20.366	20.444	VV	14605	600482	13.10%	1.604%
314	20.470	20.444	20.519	VV	16502	677219	14.77%	1.809%
315	20.557	20.519	20.569	VV	16658	457745	9.98%	1.222%
316	20.594	20.569	20.624	VV	18568	561338	12.24%	1.499%
317	20.638	20.624	20.655	VV	15661	286069	6.24%	0.764%
318	20.718	20.655	20.736	VV	18133	806421	17.59%	2.154%
319	20.778	20.736	20.798	VV	18168	657012	14.33%	1.755%
320	20.888	20.798	20.900	VV	18602	1111664	24.25%	2.969%
321	20.935	20.900	21.001	VV	19405	1122594	24.48%	2.998%
322	21.015	21.001	21.058	VV	16962	550255	12.00%	1.469%
323	21.083	21.058	21.101	VV	16290	413800	9.03%	1.105%
324	21.110	21.101	21.119	VV	15966	170038	3.71%	0.454%
325	21.154	21.119	21.284	VV	16229	1448203	31.59%	3.867%
326	21.302	21.284	21.319	VV	13136	272606	5.95%	0.728%
327	21.375	21.319	21.421	VV	13094	759560	16.57%	2.028%
328	21.505	21.421	21.552	VV	10486	810431	17.68%	2.164%
329	21.602	21.552	21.612	VV	9470	341174	7.44%	0.911%
330	21.631	21.612	21.641	VV	9141	159899	3.49%	0.427%
331	21.710	21.641	21.738	VV	9339	521492	11.37%	1.393%
332	21.747	21.738	21.765	VV	8827	143173	3.12%	0.382%
333	21.781	21.765	21.834	VV	8363	315189	6.87%	0.842%
334	21.857	21.834	21.868	VV	7204	143005	3.12%	0.382%
335	21.875	21.868	21.881	VV	6793	49504	1.08%	0.132%
336	21.890	21.881	21.964	VV	6586	294493	6.42%	0.786%
337	21.990	21.964	22.077	VV	4654	267997	5.85%	0.716%
338	22.100	22.077	22.183	VV	3156	98081	2.14%	0.262%

Sum of corrected areas: 37446204

Aliphatic EPH 062725.M Wed Jul 09 07:14:49 2025

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/02/25
Project:	98 Morse Ave Nutley	Date Received:	07/03/25
Client Sample ID:	2	SDG No.:	Q2504
Lab Sample ID:	Q2504-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/08/25 09:05	07/08/25 17:03	PB168752

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	4.58	J	1	1.08	4.76	mg/kg	FE054745.D
Total EPH	Total EPH	4.58	J		1.08	4.76	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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:	Sciacca General Contractors, LLC	Date Collected:	07/02/25
Project:	98 Morse Ave Nutley	Date Received:	07/03/25
Client Sample ID:	2	SDG No.:	Q2504
Lab Sample ID:	Q2504-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054745.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		4.58	J	1.08	4.76	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		10.2		1.41	2.38	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		27.7		40 - 140	55%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		28.4		40 - 140	57%	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:	Q2504-04	Acq On:	08 Jul 2025 17:03
Client Sample ID:	2	Operator:	YP\AJ
Data file:	FE054745.D	Misc:	
Instrument:	FID_E	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.956	533941	3.924	300	ug/ml
Aliphatic C12-C16	6.957	10.409	917290	6.526	200	ug/ml
Aliphatic C16-C21	10.410	13.786	4968501	34.409	300	ug/ml
Aliphatic C21-C28	13.787	17.458	1862137	12.873	400	ug/ml
Aliphatic C28-C40	17.459	22.482	17879742	128.958	600	ug/ml
Aliphatic EPH	3.323	22.482	26161611	186.691		ug/ml
ortho-Terphenyl (SURR)	12.081	12.081	4614920	28.42		ug/ml
1-chlorooctadecane (SURR)	13.518	13.518	3493443	27.66		ug/ml
Aliphatic C9-C28	3.323	17.458	8281869	57.732	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054745.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 17:03
Operator : YP\AJ
Sample : Q2504-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
2

Integration File: autoint1.e
Quant Time: Jul 09 06:39:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 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)	12.081	4614920	28.418 ug/ml
Spiked Amount 50.000		Recovery =	56.84%
12) S 1-chlorooctadecane (S...	13.518	3493443	27.661 ug/ml
Spiked Amount 50.000		Recovery =	55.32%
Target Compounds			

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

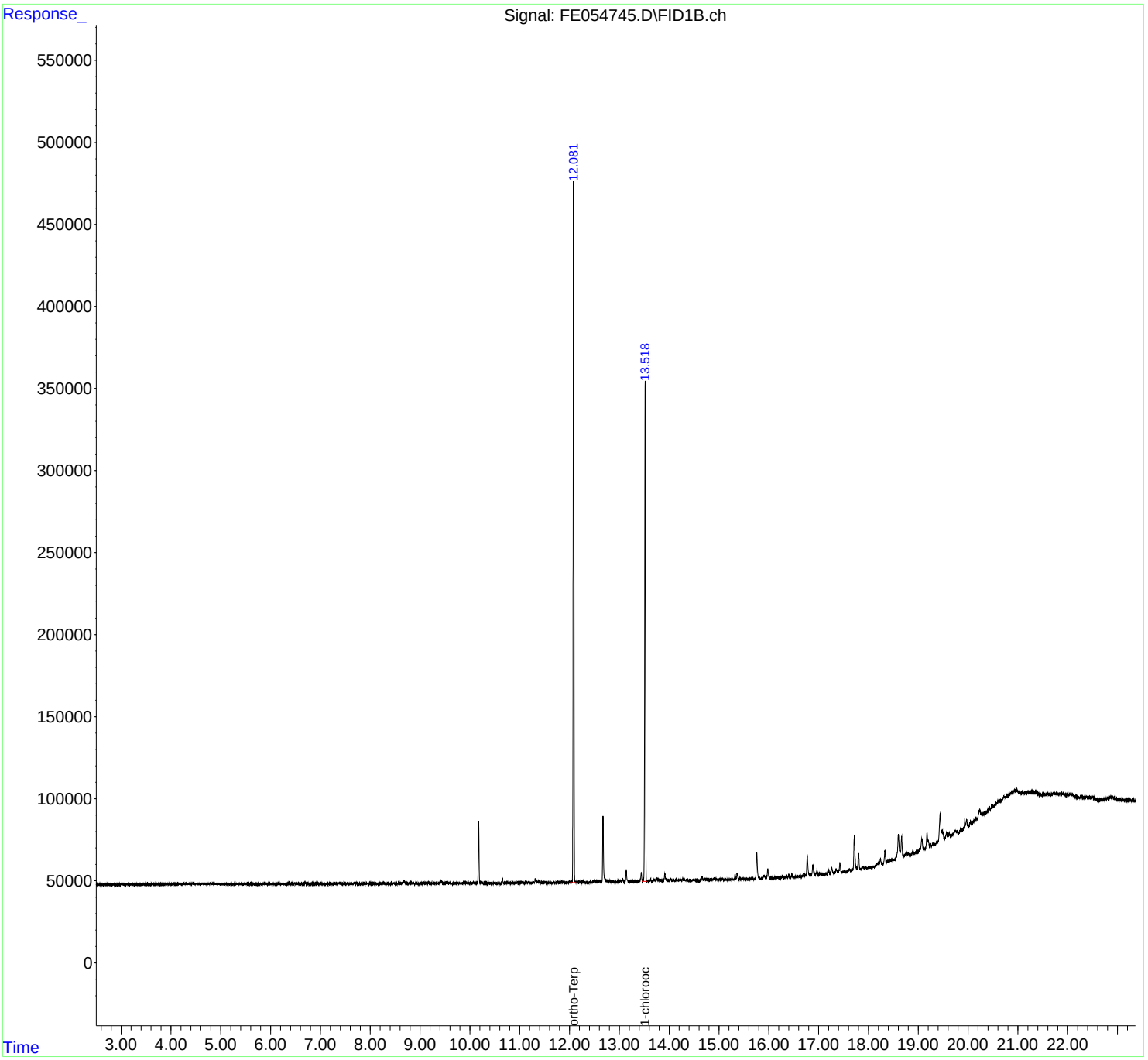
Quantitation Report (QT Reviewed)

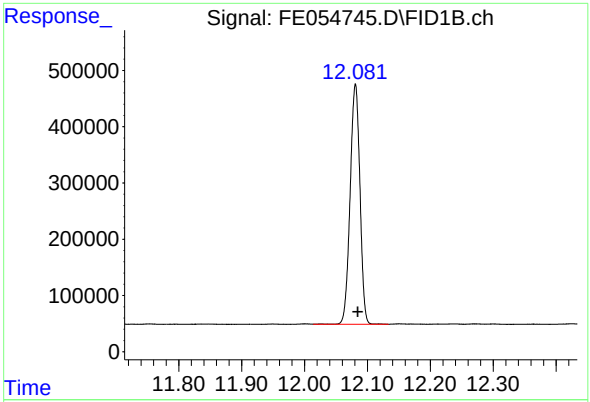
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054745.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 17:03
Operator : YP\AJ
Sample : Q2504-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
2

Integration File: autoint1.e
Quant Time: Jul 09 06:39:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

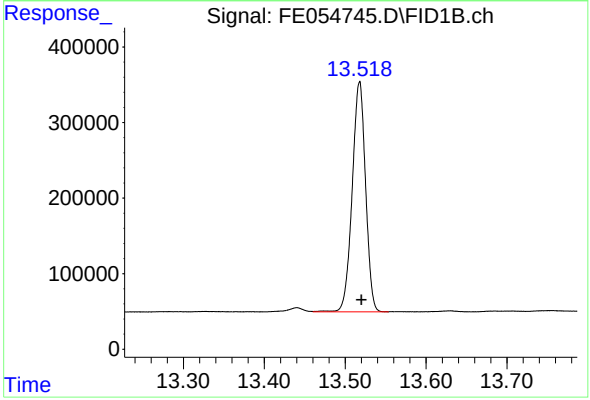




#9 ortho-Terphenyl (SURR)

R.T.: 12.081 min
Delta R.T.: -0.004 min
Response: 4614920
Conc: 28.42 ug/ml

Instrument :
FID_E
ClientSampleId :
2



#12 1-chlorooctadecane (SURR)

R.T.: 13.518 min
Delta R.T.: -0.002 min
Response: 3493443
Conc: 27.66 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054745.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 17:03
Sample : Q2504-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.844	2.804	2.856	BV	75	179	0.00%	0.001%
2	2.860	2.856	2.874	VV	80	445	0.01%	0.001%
3	2.904	2.874	2.914	PV	124	1084	0.02%	0.004%
4	2.927	2.914	2.950	VV	95	1045	0.02%	0.003%
5	2.966	2.950	3.011	VV	172	3032	0.07%	0.010%
6	3.037	3.011	3.104	VV	155	6958	0.15%	0.023%
7	3.158	3.104	3.188	VV	384	8693	0.19%	0.028%
8	3.202	3.188	3.247	VV	133	3742	0.08%	0.012%
9	3.258	3.247	3.332	VV	115	6551	0.14%	0.021%
10	3.421	3.332	3.494	VV	244	14868	0.32%	0.048%
11	3.547	3.494	3.588	VV	246	10546	0.23%	0.034%
12	3.602	3.588	3.624	VV	236	4540	0.10%	0.015%
13	3.648	3.624	3.672	VV	206	6021	0.13%	0.020%
14	3.780	3.672	3.825	VV	325	21748	0.47%	0.071%
15	3.837	3.825	3.898	VV	290	10334	0.22%	0.034%
16	3.956	3.898	3.991	VV	275	13406	0.29%	0.043%
17	4.018	3.991	4.048	VV	325	8358	0.18%	0.027%
18	4.063	4.048	4.098	VV	324	6913	0.15%	0.022%
19	4.140	4.098	4.181	VV	276	11458	0.25%	0.037%
20	4.278	4.181	4.361	VV	558	36049	0.78%	0.117%
21	4.448	4.361	4.483	VV	591	25149	0.54%	0.082%
22	4.519	4.483	4.552	VV	389	12661	0.27%	0.041%
23	4.596	4.552	4.610	VV	324	9481	0.20%	0.031%
24	4.628	4.610	4.651	VV	341	7234	0.16%	0.023%
25	4.680	4.651	4.714	VV	433	10942	0.24%	0.035%
26	4.784	4.714	4.818	VV	554	22564	0.49%	0.073%
27	4.848	4.818	4.891	VV	612	16289	0.35%	0.053%
28	4.908	4.891	4.971	VV	337	12448	0.27%	0.040%
29	4.976	4.971	5.204	VV	276	32343	0.70%	0.105%
30	5.228	5.204	5.248	VV	270	5071	0.11%	0.016%
31	5.288	5.248	5.344	VV	254	8488	0.18%	0.028%
32	5.397	5.344	5.461	PV	216	12138	0.26%	0.039%
33	5.496	5.461	5.584	VV	241	12393	0.27%	0.040%
34	5.625	5.584	5.734	VV	737	18531	0.40%	0.060%
35	5.878	5.734	5.924	VV	598	21447	0.46%	0.070%
36	5.933	5.924	5.994	VV	171	6043	0.13%	0.020%

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37	6.009	5.994	6.048	VV	189	4765	0.10%	0.015%
38	6.070	6.048	6.104	VV	266	6301	0.14%	0.020%
39	6.142	6.104	6.171	VV	409	8058	0.17%	0.026%
40	6.192	6.171	6.228	VV	429	6669	0.14%	0.022%
41	6.266	6.228	6.316	VV	179	6821	0.15%	0.022%
42	6.363	6.316	6.384	VV	515	13072	0.28%	0.042%
43	6.404	6.384	6.464	VV	592	16938	0.36%	0.055%
44	6.485	6.464	6.538	VV	421	12837	0.28%	0.042%
45	6.553	6.538	6.608	VV	291	9197	0.20%	0.030%
46	6.645	6.608	6.671	VV	266	7764	0.17%	0.025%
47	6.692	6.671	6.764	VV	930	18984	0.41%	0.062%
48	6.853	6.764	6.911	VV	300	19028	0.41%	0.062%
49	6.931	6.911	7.094	VV	701	26044	0.56%	0.084%
50	7.142	7.094	7.171	VV	228	6115	0.13%	0.020%
51	7.208	7.171	7.254	VV	195	6409	0.14%	0.021%
52	7.265	7.254	7.288	VV	138	2430	0.05%	0.008%
53	7.362	7.288	7.464	VV	423	26734	0.58%	0.087%
54	7.499	7.464	7.518	VV	290	6875	0.15%	0.022%
55	7.537	7.518	7.623	VV	499	14394	0.31%	0.047%
56	7.683	7.623	7.761	VV	1025	25407	0.55%	0.082%
57	7.802	7.761	7.831	VV	213	6852	0.15%	0.022%
58	7.844	7.831	7.874	VV	193	3697	0.08%	0.012%
59	7.895	7.874	7.914	VV	187	2837	0.06%	0.009%
60	7.943	7.914	7.996	VV	187	7249	0.16%	0.024%
61	8.026	7.996	8.064	VV	181	5523	0.12%	0.018%
62	8.097	8.064	8.131	VV	613	9085	0.20%	0.029%
63	8.235	8.131	8.254	PV	684	17336	0.37%	0.056%
64	8.267	8.254	8.326	VV	812	14583	0.31%	0.047%
65	8.342	8.326	8.374	VV	142	3689	0.08%	0.012%
66	8.409	8.374	8.428	VV	213	4686	0.10%	0.015%
67	8.462	8.428	8.504	VV	262	8390	0.18%	0.027%
68	8.582	8.504	8.607	VV	616	17060	0.37%	0.055%
69	8.679	8.607	8.784	VV	1753	64389	1.39%	0.209%
70	8.817	8.784	8.903	VV	674	22123	0.48%	0.072%
71	8.945	8.903	8.971	VV	249	4924	0.11%	0.016%
72	9.001	8.971	9.041	VV	238	6439	0.14%	0.021%
73	9.078	9.041	9.138	VV	344	15234	0.33%	0.049%
74	9.166	9.138	9.211	VV	811	18109	0.39%	0.059%
75	9.230	9.211	9.254	VV	355	6437	0.14%	0.021%
76	9.292	9.254	9.348	VV	249	9997	0.22%	0.032%
77	9.424	9.348	9.484	VV	1615	39960	0.86%	0.130%
78	9.522	9.484	9.658	VV	616	24208	0.52%	0.079%
79	9.708	9.658	9.778	VV	311	9199	0.20%	0.030%
80	9.815	9.778	9.841	VV	301	5643	0.12%	0.018%
81	9.866	9.841	9.888	VV	440	8959	0.19%	0.029%
82	9.902	9.888	9.937	VV	576	10589	0.23%	0.034%
83	9.980	9.937	10.013	VV	368	11441	0.25%	0.037%
84	10.079	10.013	10.124	VV	628	27131	0.58%	0.088%
85	10.177	10.124	10.221	VV	38248	413390	8.90%	1.341%
86	10.242	10.221	10.275	VV	627	12875	0.28%	0.042%
87	10.305	10.275	10.378	VV	819	16892	0.36%	0.055%
88	10.411	10.378	10.438	VV	198	4055	0.09%	0.013%
89	10.470	10.438	10.538	VV	219	5158	0.11%	0.017%

90	10.653	10.538	10.713	PV	2940	41159	0.89%	0.133%
91	10.746	10.713	10.821	VV	576	19462	0.42%	0.063%
92	10.861	10.821	10.878	VV	220	6156	0.13%	0.020%
93	10.955	10.878	10.974	VV	603	16703	0.36%	0.054%
94	10.996	10.974	11.020	VV	706	12612	0.27%	0.041%
95	11.046	11.020	11.088	VV	850	16146	0.35%	0.052%
96	11.114	11.088	11.131	VV	568	9885	0.21%	0.032%
97	11.150	11.131	11.222	VV	667	17323	0.37%	0.056%
98	11.271	11.222	11.291	VV	702	13884	0.30%	0.045%
99	11.312	11.291	11.366	VV	2698	56224	1.21%	0.182%
100	11.387	11.366	11.464	VV	1253	32911	0.71%	0.107%
101	11.480	11.464	11.501	VV	381	7811	0.17%	0.025%
102	11.519	11.501	11.581	VV	383	11579	0.25%	0.038%
103	11.599	11.581	11.658	VV	331	6186	0.13%	0.020%
104	11.685	11.658	11.708	VV	585	8289	0.18%	0.027%
105	11.753	11.708	11.775	VV	903	17493	0.38%	0.057%
106	11.792	11.775	11.814	VV	398	7830	0.17%	0.025%
107	11.841	11.814	11.887	VV	617	16678	0.36%	0.054%
108	11.949	11.887	11.981	VV	699	15969	0.34%	0.052%
109	12.081	11.981	12.133	VV	428259	4644497	100.00%	15.061%
110	12.152	12.133	12.194	VV	948	20928	0.45%	0.068%
111	12.237	12.194	12.254	VV	820	17330	0.37%	0.056%
112	12.272	12.254	12.288	VV	826	11485	0.25%	0.037%
113	12.300	12.288	12.328	VV	645	7950	0.17%	0.026%
114	12.364	12.328	12.387	PV	308	5007	0.11%	0.016%
115	12.425	12.387	12.451	VV	917	16354	0.35%	0.053%
116	12.492	12.451	12.508	VV	1030	24178	0.52%	0.078%
117	12.527	12.508	12.574	VV	891	28194	0.61%	0.091%
118	12.595	12.574	12.638	VV	1116	27046	0.58%	0.088%
119	12.672	12.638	12.778	VV	40263	534973	11.52%	1.735%
120	12.794	12.778	12.854	VV	900	31015	0.67%	0.101%
121	12.875	12.854	12.944	VV	623	24205	0.52%	0.078%
122	13.015	12.944	13.040	VV	815	29269	0.63%	0.095%
123	13.067	13.040	13.108	VV	1427	28429	0.61%	0.092%
124	13.139	13.108	13.254	VV	6710	105822	2.28%	0.343%
125	13.281	13.254	13.305	VV	425	10635	0.23%	0.034%
126	13.328	13.305	13.395	VV	689	21035	0.45%	0.068%
127	13.440	13.395	13.463	VV	5701	76853	1.65%	0.249%
128	13.517	13.463	13.589	VV	306164	3508779	75.55%	11.378%
129	13.628	13.589	13.654	VV	1350	21161	0.46%	0.069%
130	13.704	13.654	13.724	VV	972	29055	0.63%	0.094%
131	13.753	13.724	13.791	VV	1550	45285	0.98%	0.147%
132	13.804	13.791	13.858	VV	1043	26410	0.57%	0.086%
133	13.914	13.858	13.988	VV	4304	97383	2.10%	0.316%
134	14.028	13.988	14.068	VV	1378	34070	0.73%	0.110%
135	14.087	14.068	14.105	VV	382	7698	0.17%	0.025%
136	14.137	14.105	14.160	VV	902	17099	0.37%	0.055%
137	14.179	14.160	14.198	VV	627	10541	0.23%	0.034%
138	14.220	14.198	14.248	VV	1366	21864	0.47%	0.071%
139	14.270	14.248	14.334	VV	1080	33888	0.73%	0.110%
140	14.351	14.334	14.401	VV	597	11165	0.24%	0.036%
141	14.431	14.401	14.464	VV	479	7984	0.17%	0.026%

142	14.522	14.464	14.601	VV	467	15288	0.33%	0.050%
143	14.664	14.601	14.691	PV	2346	35603	0.77%	0.115%
144	14.709	14.691	14.731	VV	1211	16642	0.36%	0.054%
145	14.764	14.731	14.814	VV	878	22312	0.48%	0.072%
146	14.835	14.814	14.881	VV	1094	22941	0.49%	0.074%
147	14.904	14.881	14.924	VV	1279	22834	0.49%	0.074%
148	14.941	14.924	14.991	VV	874	19843	0.43%	0.064%
149	15.012	14.991	15.034	VV	861	11465	0.25%	0.037%
150	15.067	15.034	15.121	VV	1037	20440	0.44%	0.066%
151	15.220	15.121	15.249	VV	402	17861	0.38%	0.058%
152	15.274	15.249	15.298	VV	405	5560	0.12%	0.018%
153	15.323	15.298	15.343	VV	3512	46021	0.99%	0.149%
154	15.365	15.343	15.397	VV	3983	57373	1.24%	0.186%
155	15.420	15.397	15.444	VV	1021	15236	0.33%	0.049%
156	15.483	15.444	15.534	VV	899	22541	0.49%	0.073%
157	15.563	15.534	15.598	VV	465	9470	0.20%	0.031%
158	15.627	15.598	15.651	PV	488	8679	0.19%	0.028%
159	15.678	15.651	15.711	VV	413	8990	0.19%	0.029%
160	15.758	15.711	15.831	VV	16422	270495	5.82%	0.877%
161	15.851	15.831	15.874	VV	412	7117	0.15%	0.023%
162	15.902	15.874	15.938	VV	1649	39033	0.84%	0.127%
163	15.980	15.938	16.021	VV	6027	100085	2.15%	0.325%
164	16.034	16.021	16.064	VV	553	7320	0.16%	0.024%
165	16.153	16.064	16.194	PV	681	25281	0.54%	0.082%
166	16.216	16.194	16.251	VV	300	5975	0.13%	0.019%
167	16.279	16.251	16.333	VV	910	18158	0.39%	0.059%
168	16.400	16.333	16.431	VV	1532	29704	0.64%	0.096%
169	16.463	16.431	16.514	VV	1445	21842	0.47%	0.071%
170	16.528	16.514	16.551	VV	175	2143	0.05%	0.007%
171	16.597	16.551	16.644	PV	262	8012	0.17%	0.026%
172	16.703	16.644	16.727	PV	1803	29589	0.64%	0.096%
173	16.773	16.727	16.832	VV	11981	210712	4.54%	0.683%
174	16.884	16.832	16.934	VV	6666	120635	2.60%	0.391%
175	16.967	16.934	16.994	VV	3065	47281	1.02%	0.153%
176	17.018	16.994	17.068	VV	958	15706	0.34%	0.051%
177	17.207	17.068	17.231	PV	2644	44490	0.96%	0.144%
178	17.263	17.231	17.299	VV	3837	59695	1.29%	0.194%
179	17.354	17.299	17.383	VV	2369	51708	1.11%	0.168%
180	17.429	17.383	17.483	VV	6213	99955	2.15%	0.324%
181	17.504	17.483	17.531	PV	351	5131	0.11%	0.017%
182	17.618	17.531	17.658	PV	990	23510	0.51%	0.076%
183	17.718	17.658	17.771	VV	21019	370804	7.98%	1.202%
184	17.802	17.771	17.838	VV	9705	145350	3.13%	0.471%
185	17.889	17.838	17.911	VV	1752	28891	0.62%	0.094%
186	17.940	17.911	17.961	VV	633	15201	0.33%	0.049%
187	17.982	17.961	18.008	VV	399	7948	0.17%	0.026%
188	18.038	18.008	18.063	PV	356	8938	0.19%	0.029%
189	18.241	18.063	18.278	PV	3284	97086	2.09%	0.315%
190	18.330	18.278	18.384	VV	7648	124812	2.69%	0.405%
191	18.484	18.384	18.531	VV	1170	49047	1.06%	0.159%
192	18.602	18.531	18.644	VV	15165	370482	7.98%	1.201%
193	18.665	18.644	18.704	VV	13066	207124	4.46%	0.672%
194	18.766	18.704	18.834	VV	2327	88058	1.90%	0.286%

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195	18.893	18.834	18.923	PV	2711	43185	0.93%	0.140%
196	18.973	18.923	18.995	VV	1083	25497	0.55%	0.083%
197	19.071	18.995	19.134	VV	7777	205171	4.42%	0.665%
198	19.176	19.134	19.231	VV	10339	246620	5.31%	0.800%
199	19.248	19.231	19.267	VV	2114	36910	0.79%	0.120%
200	19.292	19.267	19.313	VV	2066	44565	0.96%	0.145%
201	19.439	19.313	19.524	VV	19007	727796	15.67%	2.360%
202	19.569	19.524	19.594	VV	6142	178373	3.84%	0.578%
203	19.621	19.594	19.668	VV	5464	178755	3.85%	0.580%
204	19.743	19.668	19.764	VV	5362	250195	5.39%	0.811%
205	19.780	19.764	19.814	VV	4765	130850	2.82%	0.424%
206	19.859	19.814	19.884	VV	5682	191232	4.12%	0.620%
207	19.935	19.884	19.950	VV	9043	247000	5.32%	0.801%
208	19.971	19.950	20.009	VV	9884	257855	5.55%	0.836%
209	20.050	20.009	20.074	VV	7455	252049	5.43%	0.817%
210	20.231	20.074	20.288	VV	13093	1161630	25.01%	3.767%
211	20.425	20.288	20.451	VV	11998	1038158	22.35%	3.367%
212	20.556	20.451	20.578	VV	14261	972339	20.94%	3.153%
213	20.602	20.578	20.618	VV	14296	337832	7.27%	1.096%
214	20.722	20.618	20.738	VV	15892	1071681	23.07%	3.475%
215	20.963	20.738	21.108	VV	17826	3568803	76.84%	11.573%
216	21.161	21.108	21.184	VV	14152	644113	13.87%	2.089%
217	21.202	21.184	21.234	VV	13816	407684	8.78%	1.322%
218	21.301	21.234	21.338	VV	13096	801300	17.25%	2.598%
219	21.376	21.338	21.484	VV	12207	943435	20.31%	3.059%
220	21.610	21.484	21.628	VV	8582	742424	15.99%	2.408%
221	21.642	21.628	21.688	VV	8122	277232	5.97%	0.899%
222	21.715	21.688	21.734	VV	7646	202396	4.36%	0.656%
223	21.752	21.734	21.808	VV	7021	299682	6.45%	0.972%
224	21.842	21.808	21.977	VV	6255	526160	11.33%	1.706%
225	22.066	21.977	22.084	VV	3394	223714	4.82%	0.725%
226	22.100	22.084	22.198	VV	2901	102724	2.21%	0.333%

Sum of corrected areas: 30837843

Aliphatic EPH 062725.M Wed Jul 09 07:15:24 2025

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/02/25
Project:	98 Morse Ave Nutley	Date Received:	07/03/25
Client Sample ID:	3	SDG No.:	Q2504
Lab Sample ID:	Q2504-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/08/25 09:05	07/08/25 17:34	PB168752

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	2.52	J	1	1.07	4.72	mg/kg	FE054746.D
Total EPH	Total EPH	2.52	J		1.07	4.72	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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:	Sciacca General Contractors, LLC	Date Collected:	07/02/25
Project:	98 Morse Ave Nutley	Date Received:	07/03/25
Client Sample ID:	3	SDG No.:	Q2504
Lab Sample ID:	Q2504-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054746.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		2.52	J	1.07	4.72	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		8.69		1.39	2.36	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		24.6		40 - 140	49%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		25.0		40 - 140	50%	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:	Q2504-05	Acq On:	08 Jul 2025 17:34
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FE054746.D	Misc:	
Instrument:	FID_E	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.956	479197	3.522	300	ug/ml
Aliphatic C12-C16	6.957	10.409	1073853	7.639	200	ug/ml
Aliphatic C16-C21	10.410	13.786	1410358	9.767	300	ug/ml
Aliphatic C21-C28	13.787	17.458	1601839	11.074	400	ug/ml
Aliphatic C28-C40	17.459	22.482	15326993	110.546	600	ug/ml
Aliphatic EPH	3.323	22.482	19892240	142.549		ug/ml
ortho-Terphenyl (SURR)	12.081	12.081	4056867	24.98		ug/ml
1-chlorooctadecane (SURR)	13.518	13.518	3112653	24.65		ug/ml
Aliphatic C9-C28	3.323	17.458	4565247	32.002	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054746.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 17:34
Operator : YP\AJ
Sample : Q2504-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
3

Integration File: autoint1.e
Quant Time: Jul 09 06:40:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 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)	12.081	4056867	24.982 ug/ml
Spiked Amount 50.000		Recovery = 49.96%	
12) S 1-chlorooctadecane (S...	13.518	3112653	24.646 ug/ml
Spiked Amount 50.000		Recovery = 49.29%	
Target Compounds			

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

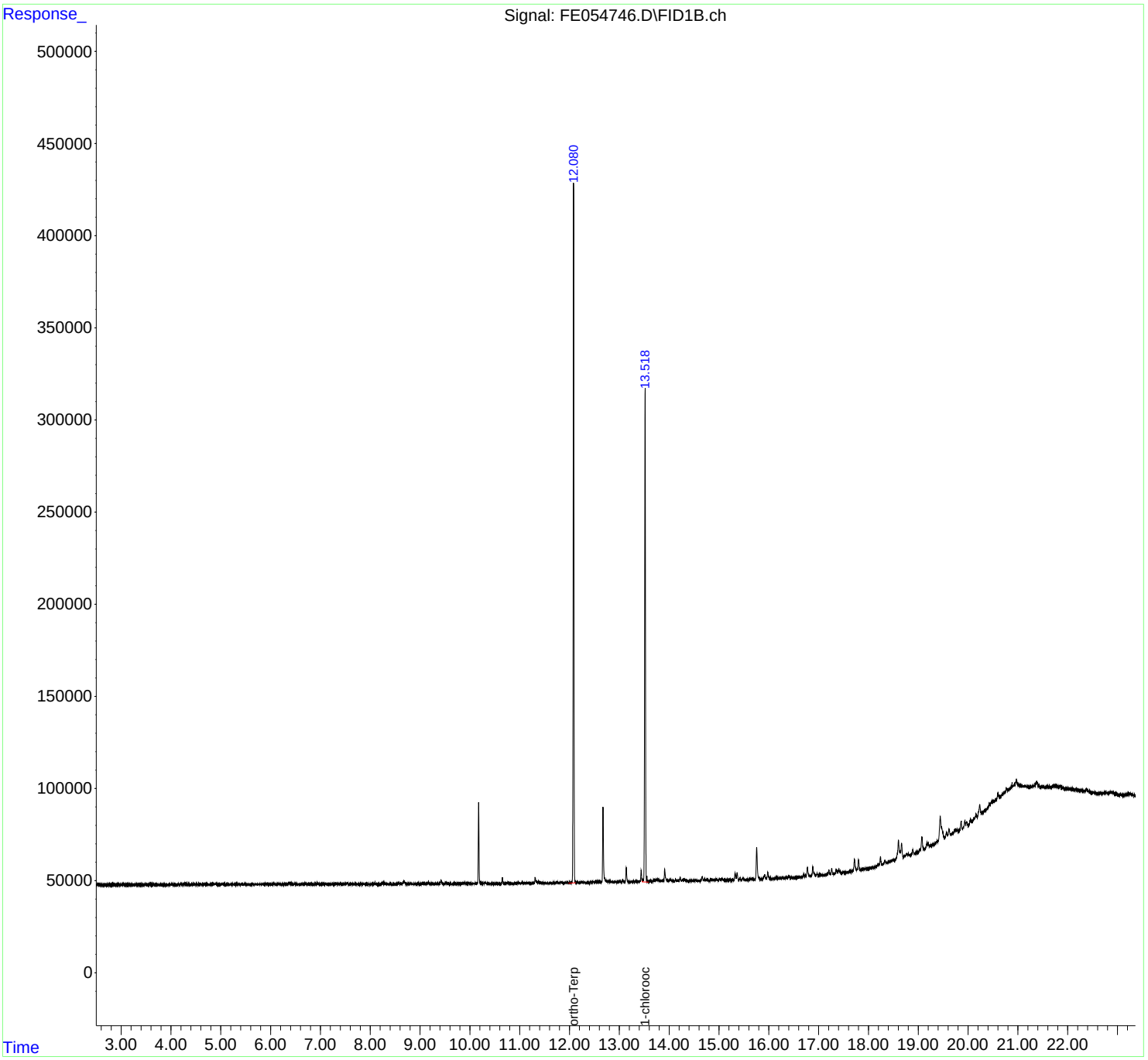
Quantitation Report (QT Reviewed)

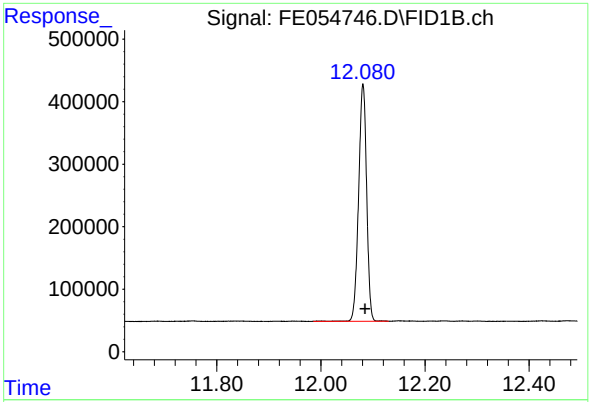
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054746.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 17:34
Operator : YP\AJ
Sample : Q2504-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
3

Integration File: autoint1.e
Quant Time: Jul 09 06:40:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

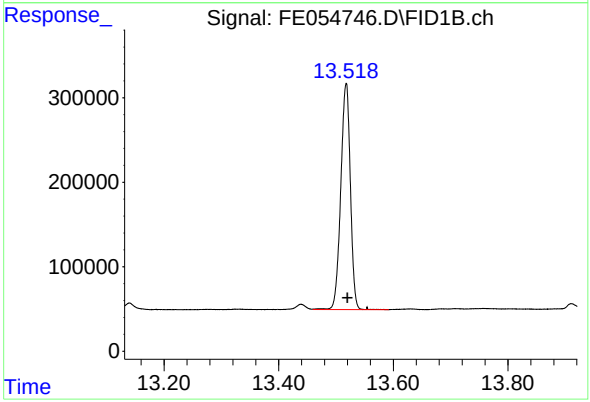




#9 ortho-Terphenyl (SURR)

R.T.: 12.081 min
Delta R.T.: -0.004 min
Response: 4056867
Conc: 24.98 ug/ml

Instrument :
FID_E
ClientSampleId :
3



#12 1-chlorooctadecane (SURR)

R.T.: 13.518 min
Delta R.T.: -0.002 min
Response: 3112653
Conc: 24.65 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054746.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 17:34
Sample : Q2504-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.878	2.821	2.923	BV	92	1283	0.03%	0.005%
2	2.933	2.923	2.961	PV	141	1285	0.03%	0.005%
3	2.973	2.961	3.008	VV	93	1180	0.03%	0.004%
4	3.039	3.008	3.065	PV	263	3748	0.09%	0.014%
5	3.076	3.065	3.084	VV	115	1153	0.03%	0.004%
6	3.100	3.084	3.136	VV	179	3180	0.08%	0.012%
7	3.165	3.136	3.175	VV	203	2870	0.07%	0.011%
8	3.181	3.175	3.200	VV	125	1084	0.03%	0.004%
9	3.214	3.200	3.308	VV	236	6840	0.17%	0.025%
10	3.336	3.308	3.377	VV	229	4030	0.10%	0.015%
11	3.387	3.377	3.399	VV	140	801	0.02%	0.003%
12	3.422	3.399	3.464	VV	148	4271	0.11%	0.016%
13	3.476	3.464	3.536	VV	202	5112	0.13%	0.019%
14	3.548	3.536	3.557	VV	200	1576	0.04%	0.006%
15	3.570	3.557	3.582	VV	172	2000	0.05%	0.007%
16	3.618	3.582	3.644	VV	192	5295	0.13%	0.020%
17	3.654	3.644	3.668	VV	156	1823	0.04%	0.007%
18	3.671	3.668	3.753	VV	197	6073	0.15%	0.022%
19	3.772	3.753	3.845	VV	208	6788	0.17%	0.025%
20	3.875	3.845	3.895	VV	135	3612	0.09%	0.013%
21	3.944	3.895	3.979	VV	237	7055	0.17%	0.026%
22	4.003	3.979	4.058	VV	193	6809	0.17%	0.025%
23	4.068	4.058	4.075	VV	171	1369	0.03%	0.005%
24	4.081	4.075	4.091	VV	188	1226	0.03%	0.005%
25	4.127	4.091	4.164	VV	229	7196	0.18%	0.027%
26	4.182	4.164	4.191	VV	193	2499	0.06%	0.009%
27	4.208	4.191	4.231	VV	263	5000	0.12%	0.018%
28	4.241	4.231	4.257	VV	281	3323	0.08%	0.012%
29	4.273	4.257	4.398	VV	658	29625	0.73%	0.109%
30	4.420	4.398	4.431	VV	347	5470	0.13%	0.020%
31	4.446	4.431	4.551	VV	356	17869	0.44%	0.066%
32	4.556	4.551	4.564	VV	255	1703	0.04%	0.006%
33	4.569	4.564	4.584	VV	273	2660	0.07%	0.010%
34	4.597	4.584	4.660	VV	462	9801	0.24%	0.036%
35	4.680	4.660	4.701	VV	379	6373	0.16%	0.024%
36	4.711	4.701	4.750	VV	285	6320	0.16%	0.023%

rteres

37	4.762	4.750	4.770	VV	257	2678	0.07%	0.010%
38	4.785	4.770	4.814	VV	323	7166	0.18%	0.026%
39	4.822	4.814	4.834	VV	329	3684	0.09%	0.014%
40	4.884	4.834	4.945	VV	561	25140	0.62%	0.093%
41	4.953	4.945	4.965	VV	294	2840	0.07%	0.010%
42	4.974	4.965	5.015	VV	251	6582	0.16%	0.024%
43	5.027	5.015	5.138	VV	264	16022	0.40%	0.059%
44	5.146	5.138	5.162	VV	202	3016	0.07%	0.011%
45	5.177	5.162	5.204	VV	193	4359	0.11%	0.016%
46	5.216	5.204	5.224	VV	185	1737	0.04%	0.006%
47	5.236	5.224	5.256	VV	181	3096	0.08%	0.011%
48	5.282	5.256	5.294	VV	202	3170	0.08%	0.012%
49	5.324	5.294	5.376	VV	336	9124	0.22%	0.034%
50	5.421	5.376	5.550	VV	209	15226	0.38%	0.056%
51	5.560	5.550	5.601	VV	153	3808	0.09%	0.014%
52	5.626	5.601	5.659	VV	450	6778	0.17%	0.025%
53	5.667	5.659	5.677	VV	153	1250	0.03%	0.005%
54	5.713	5.677	5.738	VV	157	4338	0.11%	0.016%
55	5.755	5.738	5.776	VV	163	2418	0.06%	0.009%
56	5.792	5.776	5.814	VV	169	2433	0.06%	0.009%
57	5.826	5.814	5.844	VV	169	2442	0.06%	0.009%
58	5.879	5.844	5.914	VV	480	11015	0.27%	0.041%
59	5.930	5.914	5.983	VV	293	7094	0.17%	0.026%
60	5.996	5.983	6.014	VV	199	3258	0.08%	0.012%
61	6.064	6.014	6.076	VV	286	7531	0.19%	0.028%
62	6.081	6.076	6.112	VV	250	4112	0.10%	0.015%
63	6.143	6.112	6.181	VV	461	10163	0.25%	0.038%
64	6.192	6.181	6.218	VV	438	6053	0.15%	0.022%
65	6.304	6.218	6.317	VV	407	10286	0.25%	0.038%
66	6.364	6.317	6.464	VV	1181	43197	1.07%	0.159%
67	6.482	6.464	6.542	VV	502	14488	0.36%	0.053%
68	6.563	6.542	6.597	VV	324	8145	0.20%	0.030%
69	6.609	6.597	6.615	VV	313	2456	0.06%	0.009%
70	6.692	6.615	6.731	VV	790	25008	0.62%	0.092%
71	6.746	6.731	6.754	VV	330	4041	0.10%	0.015%
72	6.761	6.754	6.778	VV	325	3779	0.09%	0.014%
73	6.789	6.778	6.838	VV	333	10420	0.26%	0.038%
74	6.853	6.838	6.866	VV	354	5067	0.12%	0.019%
75	6.874	6.866	6.883	VV	364	3240	0.08%	0.012%
76	6.895	6.883	6.908	VV	343	4393	0.11%	0.016%
77	6.930	6.908	6.952	VV	826	12465	0.31%	0.046%
78	6.960	6.952	7.040	VV	345	12032	0.30%	0.044%
79	7.053	7.040	7.108	VV	216	6841	0.17%	0.025%
80	7.141	7.108	7.170	VV	267	6645	0.16%	0.025%
81	7.181	7.170	7.244	VV	237	6367	0.16%	0.024%
82	7.254	7.244	7.288	VV	201	3946	0.10%	0.015%
83	7.320	7.288	7.336	VV	302	5746	0.14%	0.021%
84	7.360	7.336	7.371	VV	485	7285	0.18%	0.027%
85	7.387	7.371	7.513	VV	461	22353	0.55%	0.083%
86	7.534	7.513	7.611	VV	913	17786	0.44%	0.066%
87	7.640	7.611	7.650	VV	218	3749	0.09%	0.014%
88	7.681	7.650	7.738	VV	320	10079	0.25%	0.037%
89	7.755	7.738	7.774	VV	195	3433	0.08%	0.013%

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90	7.797	7.774	7.851	VV	246	7792	0.19%	0.029%
91	7.867	7.851	7.893	VV	202	3649	0.09%	0.013%
92	7.905	7.893	7.923	VV	170	2167	0.05%	0.008%
93	7.951	7.923	7.994	VV	187	5617	0.14%	0.021%
94	7.997	7.994	8.006	VV	132	658	0.02%	0.002%
95	8.027	8.006	8.044	VV	304	3830	0.09%	0.014%
96	8.053	8.044	8.076	VV	194	2648	0.07%	0.010%
97	8.098	8.076	8.136	PV	720	10371	0.26%	0.038%
98	8.237	8.136	8.248	VV	558	15107	0.37%	0.056%
99	8.267	8.248	8.282	VV	861	11825	0.29%	0.044%
100	8.295	8.282	8.333	VV	462	9116	0.22%	0.034%
101	8.345	8.333	8.367	VV	256	3738	0.09%	0.014%
102	8.385	8.367	8.394	VV	274	3199	0.08%	0.012%
103	8.404	8.394	8.424	VV	256	3937	0.10%	0.015%
104	8.434	8.424	8.443	VV	214	1923	0.05%	0.007%
105	8.478	8.443	8.488	VV	235	5314	0.13%	0.020%
106	8.516	8.488	8.546	VV	279	7483	0.18%	0.028%
107	8.582	8.546	8.608	VV	659	17142	0.42%	0.063%
108	8.626	8.608	8.634	VV	487	6171	0.15%	0.023%
109	8.678	8.634	8.735	VV	1845	52229	1.29%	0.193%
110	8.753	8.735	8.784	VV	337	8037	0.20%	0.030%
111	8.807	8.784	8.861	VV	734	17987	0.44%	0.066%
112	8.867	8.861	8.914	VV	223	6338	0.16%	0.023%
113	8.922	8.914	8.955	VV	291	5632	0.14%	0.021%
114	8.972	8.955	8.984	VV	394	5246	0.13%	0.019%
115	8.988	8.984	9.012	VV	331	4606	0.11%	0.017%
116	9.023	9.012	9.034	VV	308	3292	0.08%	0.012%
117	9.106	9.034	9.141	VV	495	23623	0.58%	0.087%
118	9.166	9.141	9.220	VV	895	23569	0.58%	0.087%
119	9.234	9.220	9.258	VV	412	6561	0.16%	0.024%
120	9.263	9.258	9.278	VV	241	2648	0.07%	0.010%
121	9.304	9.278	9.367	VV	569	17503	0.43%	0.065%
122	9.422	9.367	9.483	VV	1690	46333	1.14%	0.171%
123	9.519	9.483	9.548	VV	917	20905	0.52%	0.077%
124	9.558	9.548	9.604	VV	493	11253	0.28%	0.042%
125	9.610	9.604	9.644	VV	278	4464	0.11%	0.016%
126	9.708	9.644	9.734	PV	430	14932	0.37%	0.055%
127	9.766	9.734	9.801	VV	281	9385	0.23%	0.035%
128	9.826	9.801	9.837	VV	253	4737	0.12%	0.017%
129	9.861	9.837	9.881	VV	698	11887	0.29%	0.044%
130	9.901	9.881	9.934	VV	769	16186	0.40%	0.060%
131	9.944	9.934	9.964	VV	333	5762	0.14%	0.021%
132	9.980	9.964	10.024	VV	450	11494	0.28%	0.042%
133	10.078	10.024	10.108	VV	441	16647	0.41%	0.061%
134	10.142	10.108	10.150	VV	526	8601	0.21%	0.032%
135	10.176	10.150	10.230	VV	44481	457059	11.27%	1.687%
136	10.240	10.230	10.268	VV	581	8471	0.21%	0.031%
137	10.304	10.268	10.381	VV	835	20517	0.51%	0.076%
138	10.411	10.381	10.424	VV	333	5553	0.14%	0.021%
139	10.441	10.424	10.554	VV	247	8475	0.21%	0.031%
140	10.568	10.554	10.605	VV	148	2415	0.06%	0.009%
141	10.653	10.605	10.678	VV	3447	39079	0.96%	0.144%

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142	10.695	10.678	10.712	VV	319	5306	0.13%	0.020%
143	10.747	10.712	10.771	VV	620	13518	0.33%	0.050%
144	10.785	10.771	10.811	VV	331	5637	0.14%	0.021%
145	10.857	10.811	10.869	VV	240	5737	0.14%	0.021%
146	10.898	10.869	10.926	VV	290	7043	0.17%	0.026%
147	10.955	10.926	10.984	VV	637	12611	0.31%	0.047%
148	11.002	10.984	11.018	VV	460	6892	0.17%	0.025%
149	11.046	11.018	11.089	VV	840	16125	0.40%	0.060%
150	11.115	11.089	11.132	VV	506	8612	0.21%	0.032%
151	11.152	11.132	11.188	VV	586	12621	0.31%	0.047%
152	11.201	11.188	11.215	VV	236	3040	0.07%	0.011%
153	11.273	11.215	11.288	VV	460	11033	0.27%	0.041%
154	11.311	11.288	11.367	VV	3497	59101	1.46%	0.218%
155	11.386	11.367	11.406	VV	1240	17557	0.43%	0.065%
156	11.419	11.406	11.431	VV	485	6214	0.15%	0.023%
157	11.444	11.431	11.464	VV	432	6815	0.17%	0.025%
158	11.477	11.464	11.544	VV	341	10553	0.26%	0.039%
159	11.556	11.544	11.579	VV	179	2525	0.06%	0.009%
160	11.597	11.579	11.642	PV	367	6448	0.16%	0.024%
161	11.684	11.642	11.705	VV	501	7805	0.19%	0.029%
162	11.726	11.705	11.738	VV	336	4929	0.12%	0.018%
163	11.754	11.738	11.784	VV	898	12326	0.30%	0.046%
164	11.847	11.784	11.896	VV	625	19924	0.49%	0.074%
165	11.918	11.896	11.931	VV	319	4474	0.11%	0.017%
166	11.949	11.931	11.981	VV	420	7775	0.19%	0.029%
167	12.000	11.981	12.018	VV	613	8376	0.21%	0.031%
168	12.032	12.018	12.044	VV	485	7161	0.18%	0.026%
169	12.081	12.044	12.133	VV	380188	4055962	100.00%	14.974%
170	12.150	12.133	12.198	VV	889	20371	0.50%	0.075%
171	12.237	12.198	12.255	VV	788	15814	0.39%	0.058%
172	12.271	12.255	12.287	VV	609	7834	0.19%	0.029%
173	12.301	12.287	12.334	VV	544	6299	0.16%	0.023%
174	12.362	12.334	12.393	VV	218	4047	0.10%	0.015%
175	12.425	12.393	12.451	PV	793	13331	0.33%	0.049%
176	12.474	12.451	12.501	VV	918	16313	0.40%	0.060%
177	12.526	12.501	12.571	VV	852	27129	0.67%	0.100%
178	12.592	12.571	12.643	VV	736	22258	0.55%	0.082%
179	12.672	12.643	12.776	VV	41099	536340	13.22%	1.980%
180	12.794	12.776	12.849	VV	863	27998	0.69%	0.103%
181	12.877	12.849	12.944	VV	512	21006	0.52%	0.078%
182	12.969	12.944	12.987	VV	550	8836	0.22%	0.033%
183	13.014	12.987	13.041	VV	736	15710	0.39%	0.058%
184	13.067	13.041	13.108	VV	1305	23697	0.58%	0.087%
185	13.140	13.108	13.178	VV	8058	104062	2.57%	0.384%
186	13.187	13.178	13.234	VV	324	7353	0.18%	0.027%
187	13.277	13.234	13.308	VV	401	11184	0.28%	0.041%
188	13.329	13.308	13.372	VV	589	14429	0.36%	0.053%
189	13.383	13.372	13.404	VV	247	4137	0.10%	0.015%
190	13.439	13.404	13.461	VV	6434	78802	1.94%	0.291%
191	13.518	13.461	13.591	VV	268452	3115839	76.82%	11.503%
192	13.630	13.591	13.654	VV	841	13579	0.33%	0.050%
193	13.685	13.654	13.694	PV	857	11046	0.27%	0.041%
194	13.709	13.694	13.724	VV	1113	16125	0.40%	0.060%

rteres

195	13.759	13.724	13.788	VV	1240	36978	0.91%	0.137%
196	13.804	13.788	13.851	VV	836	23033	0.57%	0.085%
197	13.911	13.851	13.992	VV	6819	128359	3.16%	0.474%
198	14.029	13.992	14.107	VV	1289	37940	0.94%	0.140%
199	14.136	14.107	14.161	VV	779	15920	0.39%	0.059%
200	14.179	14.161	14.197	VV	664	9084	0.22%	0.034%
201	14.221	14.197	14.244	VV	2341	31801	0.78%	0.117%
202	14.270	14.244	14.291	VV	992	17369	0.43%	0.064%
203	14.306	14.291	14.334	VV	726	13038	0.32%	0.048%
204	14.350	14.334	14.408	VV	490	10161	0.25%	0.038%
205	14.427	14.408	14.458	VV	360	5967	0.15%	0.022%
206	14.492	14.458	14.504	VV	332	6184	0.15%	0.023%
207	14.524	14.504	14.584	VV	641	11536	0.28%	0.043%
208	14.664	14.584	14.690	VV	2349	35827	0.88%	0.132%
209	14.709	14.690	14.729	VV	1085	14754	0.36%	0.054%
210	14.764	14.729	14.812	VV	758	19953	0.49%	0.074%
211	14.839	14.812	14.882	VV	939	20756	0.51%	0.077%
212	14.905	14.882	14.921	VV	613	10622	0.26%	0.039%
213	14.946	14.921	14.983	VV	825	17587	0.43%	0.065%
214	15.011	14.983	15.030	VV	947	12927	0.32%	0.048%
215	15.065	15.030	15.114	PV	1130	20512	0.51%	0.076%
216	15.152	15.114	15.171	VV	269	5180	0.13%	0.019%
217	15.194	15.171	15.203	VV	245	3882	0.10%	0.014%
218	15.218	15.203	15.248	VV	410	6078	0.15%	0.022%
219	15.274	15.248	15.292	PV	399	5083	0.13%	0.019%
220	15.323	15.292	15.345	VV	3918	55087	1.36%	0.203%
221	15.364	15.345	15.401	VV	4117	58338	1.44%	0.215%
222	15.421	15.401	15.442	VV	698	9492	0.23%	0.035%
223	15.482	15.442	15.542	VV	879	20645	0.51%	0.076%
224	15.562	15.542	15.601	VV	493	7574	0.19%	0.028%
225	15.622	15.601	15.644	PV	427	6840	0.17%	0.025%
226	15.672	15.644	15.706	VV	357	8818	0.22%	0.033%
227	15.757	15.706	15.829	VV	17594	281342	6.94%	1.039%
228	15.853	15.829	15.872	VV	277	5833	0.14%	0.022%
229	15.917	15.872	15.939	VV	2592	43868	1.08%	0.162%
230	15.980	15.939	16.016	VV	3933	65887	1.62%	0.243%
231	16.032	16.016	16.062	VV	546	8185	0.20%	0.030%
232	16.157	16.062	16.193	PV	648	21400	0.53%	0.079%
233	16.213	16.193	16.251	VV	315	7646	0.19%	0.028%
234	16.281	16.251	16.303	VV	736	12731	0.31%	0.047%
235	16.321	16.303	16.337	VV	347	5251	0.13%	0.019%
236	16.357	16.337	16.376	VV	541	7830	0.19%	0.029%
237	16.400	16.376	16.436	VV	1049	19205	0.47%	0.071%
238	16.464	16.436	16.507	VV	522	12136	0.30%	0.045%
239	16.537	16.507	16.558	VV	276	4717	0.12%	0.017%
240	16.598	16.558	16.654	PV	340	12136	0.30%	0.045%
241	16.702	16.654	16.723	PV	1544	25465	0.63%	0.094%
242	16.775	16.723	16.835	VV	4901	99878	2.46%	0.369%
243	16.884	16.835	16.935	VV	5380	99450	2.45%	0.367%
244	16.968	16.935	16.995	VV	1367	21637	0.53%	0.080%
245	17.016	16.995	17.041	VV	829	11930	0.29%	0.044%
246	17.053	17.041	17.064	VV	284	3075	0.08%	0.011%

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247	17.076	17.064	17.098	VV	268	2665	0.07%	0.010%
248	17.207	17.098	17.233	PV	2538	43544	1.07%	0.161%
249	17.264	17.233	17.301	VV	3418	45646	1.13%	0.169%
250	17.353	17.301	17.381	VV	2250	44281	1.09%	0.163%
251	17.402	17.381	17.418	VV	1959	29575	0.73%	0.109%
252	17.428	17.418	17.458	VV	1292	16179	0.40%	0.060%
253	17.504	17.458	17.533	PV	304	5809	0.14%	0.021%
254	17.575	17.533	17.585	PV	212	3270	0.08%	0.012%
255	17.620	17.585	17.654	VV	664	12687	0.31%	0.047%
256	17.719	17.654	17.771	VV	6289	118674	2.93%	0.438%
257	17.802	17.771	17.831	VV	5398	84866	2.09%	0.313%
258	17.857	17.831	17.867	PV	284	3677	0.09%	0.014%
259	17.888	17.867	17.911	VV	631	10110	0.25%	0.037%
260	17.932	17.911	17.951	VV	516	8511	0.21%	0.031%
261	17.984	17.951	18.001	VV	243	6362	0.16%	0.023%
262	18.033	18.001	18.062	PV	348	7075	0.17%	0.026%
263	18.198	18.062	18.214	PV	1123	27859	0.69%	0.103%
264	18.242	18.214	18.276	VV	4837	71006	1.75%	0.262%
265	18.330	18.276	18.353	PV	1990	34888	0.86%	0.129%
266	18.406	18.353	18.417	VV	672	14614	0.36%	0.054%
267	18.436	18.417	18.450	VV	592	8484	0.21%	0.031%
268	18.483	18.450	18.512	VV	773	17473	0.43%	0.065%
269	18.520	18.512	18.529	VV	226	1992	0.05%	0.007%
270	18.603	18.529	18.644	VV	10336	253874	6.26%	0.937%
271	18.665	18.644	18.699	VV	8158	133219	3.28%	0.492%
272	18.769	18.699	18.787	VV	1525	38183	0.94%	0.141%
273	18.802	18.787	18.822	VV	1120	14446	0.36%	0.053%
274	18.892	18.822	18.914	VV	2393	35853	0.88%	0.132%
275	18.932	18.914	18.940	VV	199	2804	0.07%	0.010%
276	18.977	18.940	18.994	VV	481	8370	0.21%	0.031%
277	19.025	18.994	19.038	PV	1211	14462	0.36%	0.053%
278	19.073	19.038	19.131	VV	7616	146925	3.62%	0.542%
279	19.175	19.131	19.190	VV	3615	62211	1.53%	0.230%
280	19.202	19.190	19.226	VV	2517	39271	0.97%	0.145%
281	19.248	19.226	19.265	VV	1325	25421	0.63%	0.094%
282	19.296	19.265	19.310	VV	1333	28826	0.71%	0.106%
283	19.378	19.310	19.393	VV	2098	69291	1.71%	0.256%
284	19.442	19.393	19.524	VV	14483	535525	13.20%	1.977%
285	19.569	19.524	19.592	VV	4399	131236	3.24%	0.485%
286	19.620	19.592	19.650	VV	5782	143507	3.54%	0.530%
287	19.734	19.650	19.765	VV	4336	232830	5.74%	0.860%
288	19.778	19.765	19.812	VV	3947	94952	2.34%	0.351%
289	19.860	19.812	19.884	VV	7822	198115	4.88%	0.731%
290	19.935	19.884	19.953	VV	7160	198610	4.90%	0.733%
291	19.971	19.953	20.000	VV	6202	149326	3.68%	0.551%
292	20.050	20.000	20.072	VV	6309	221851	5.47%	0.819%
293	20.159	20.072	20.184	VV	8255	436725	10.77%	1.612%
294	20.234	20.184	20.276	VV	12830	504821	12.45%	1.864%
295	20.334	20.276	20.347	VV	8551	341734	8.43%	1.262%
296	20.429	20.347	20.444	VV	11113	554539	13.67%	2.047%
297	20.470	20.444	20.485	VV	11970	280037	6.90%	1.034%
298	20.495	20.485	20.504	VV	11564	131831	3.25%	0.487%
299	20.599	20.504	20.629	VV	15255	937993	23.13%	3.463%

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300	20.721	20.629	20.738	VV	14046	868214	21.41%	3.205%
301	20.773	20.738	20.808	VV	15786	625686	15.43%	2.310%
302	20.968	20.808	21.072	VV	18101	2464873	60.77%	9.100%
303	21.089	21.072	21.115	VV	13799	348683	8.60%	1.287%
304	21.137	21.115	21.188	VV	13385	561630	13.85%	2.073%
305	21.197	21.188	21.208	VV	12148	147390	3.63%	0.544%
306	21.242	21.208	21.260	VV	11692	367009	9.05%	1.355%
307	21.380	21.260	21.458	VV	12946	1322292	32.60%	4.882%
308	21.495	21.458	21.556	VV	9234	519497	12.81%	1.918%
309	21.605	21.556	21.677	VV	8068	554452	13.67%	2.047%
310	21.729	21.677	21.818	VV	7117	555147	13.69%	2.050%
311	21.835	21.818	21.869	VV	5751	166056	4.09%	0.613%
312	21.879	21.869	21.948	VV	4742	186069	4.59%	0.687%
313	21.959	21.948	21.966	VV	3077	32911	0.81%	0.122%
314	21.977	21.966	21.989	VV	2837	38964	0.96%	0.144%
315	21.993	21.989	22.039	VV	2645	66709	1.64%	0.246%
316	22.063	22.039	22.093	VV	1906	57547	1.42%	0.212%
317	22.106	22.093	22.181	VV	1531	39719	0.98%	0.147%

Sum of corrected areas: 27086668

Aliphatic EPH 062725.M Wed Jul 09 07:16:07 2025

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/02/25
Project:	98 Morse Ave Nutley	Date Received:	07/03/25
Client Sample ID:	4	SDG No.:	Q2504
Lab Sample ID:	Q2504-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/08/25 09:05	07/08/25 18:05	PB168752

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.76	J	1	1.07	4.73	mg/kg	FE054747.D
Total EPH	Total EPH	3.76	J		1.07	4.73	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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:	Sciacca General Contractors, LLC	Date Collected:	07/02/25
Project:	98 Morse Ave Nutley	Date Received:	07/03/25
Client Sample ID:	4	SDG No.:	Q2504
Lab Sample ID:	Q2504-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054747.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.76	J	1.07	4.73	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.9		1.39	2.36	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.4		40 - 140	55%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.1		40 - 140	56%	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:	Q2504-06	Acq On:	08 Jul 2025 18:05
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FE054747.D	Misc:	
Instrument:	FID_E	ALS Vial:	28
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.956	396846	2.917	300	ug/ml
Aliphatic C12-C16	6.957	10.409	1062820	7.561	200	ug/ml
Aliphatic C16-C21	10.410	13.786	2414413	16.721	300	ug/ml
Aliphatic C21-C28	13.787	17.458	2964181	20.492	400	ug/ml
Aliphatic C28-C40	17.459	22.482	22772552	164.248	600	ug/ml
Aliphatic EPH	3.323	22.482	29610812	211.938		ug/ml
ortho-Terphenyl (SURR)	12.082	12.082	4559017	28.07		ug/ml
1-chlorooctadecane (SURR)	13.517	13.517	3459081	27.39		ug/ml
Aliphatic C9-C28	3.323	17.458	6838260	47.691	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054747.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 18:05
Operator : YP\AJ
Sample : Q2504-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
4

Integration File: autoint1.e
Quant Time: Jul 09 06:40:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 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)	12.082	4559017	28.074 ug/ml
Spiked Amount 50.000		Recovery =	56.15%
12) S 1-chlorooctadecane (S...	13.517	3459081	27.389 ug/ml
Spiked Amount 50.000		Recovery =	54.78%
Target Compounds			

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

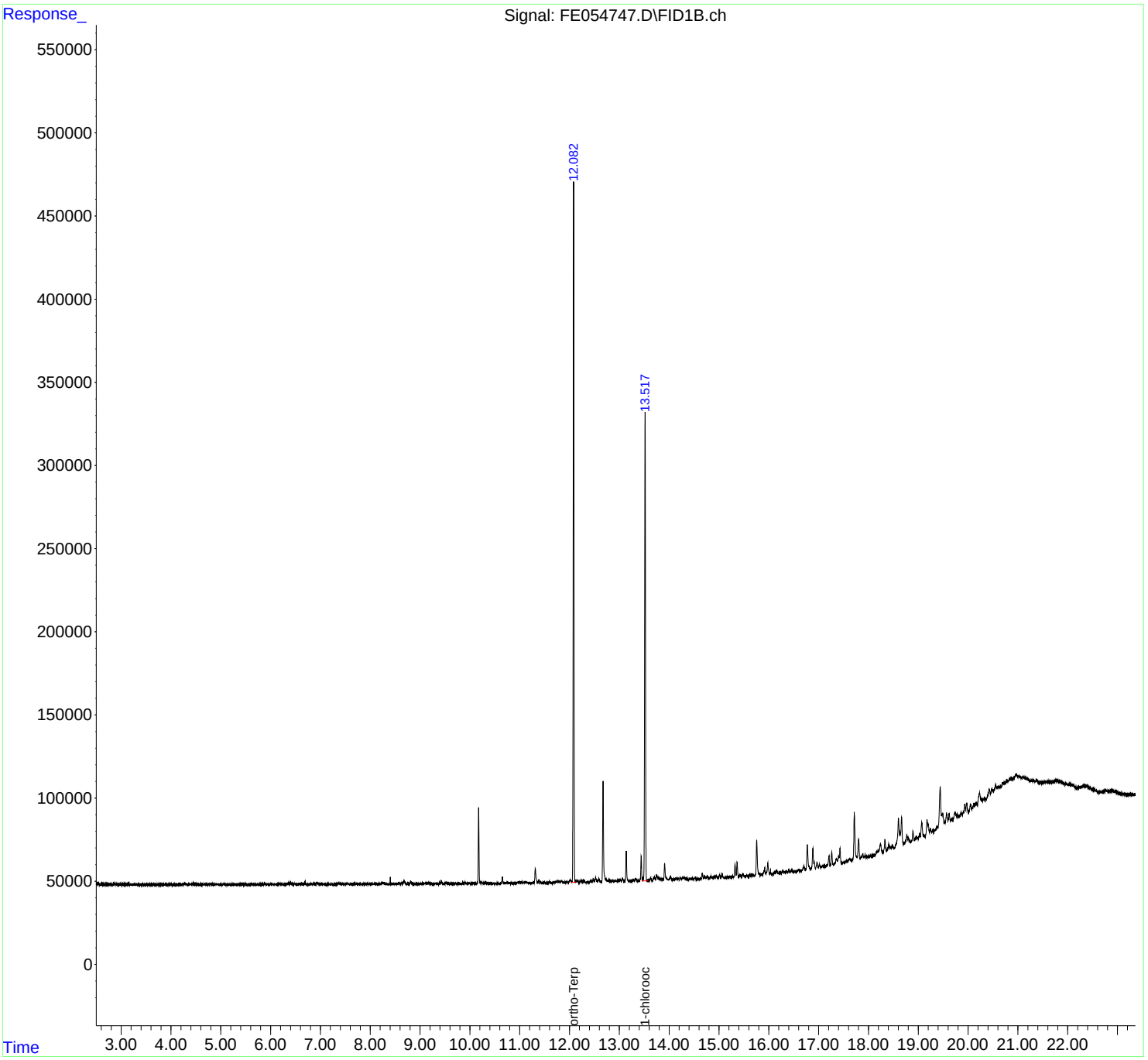
Quantitation Report (QT Reviewed)

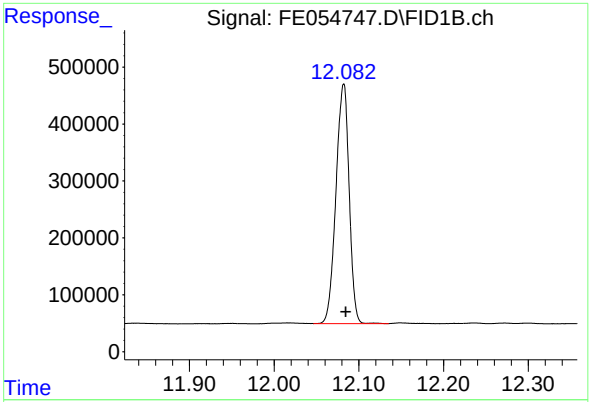
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054747.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 18:05
Operator : YP\AJ
Sample : Q2504-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
4

Integration File: autoint1.e
Quant Time: Jul 09 06:40:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

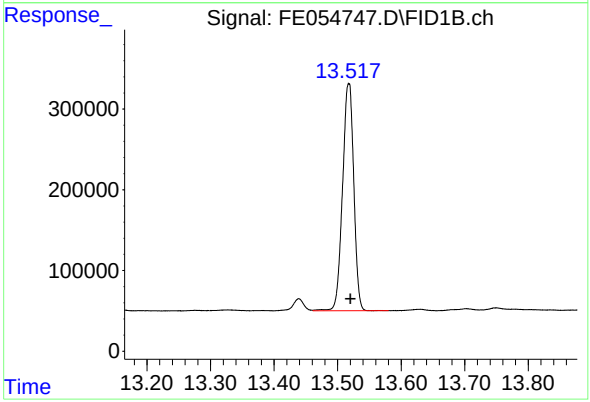




#9 ortho-Terphenyl (SURR)

R.T.: 12.082 min
Delta R.T.: -0.003 min
Response: 4559017
Conc: 28.07 ug/ml

Instrument :
FID_E
ClientSampleId :
4



#12 1-chlorooctadecane (SURR)

R.T.: 13.517 min
Delta R.T.: -0.003 min
Response: 3459081
Conc: 27.39 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054747.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 18:05
Sample : Q2504-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.846	2.804	2.868	BV	152	588	0.01%	0.002%
2	2.879	2.868	2.914	PV	38	363	0.01%	0.001%
3	2.956	2.914	3.021	PV	203	4717	0.10%	0.013%
4	3.048	3.021	3.097	PV	198	6690	0.15%	0.018%
5	3.108	3.097	3.133	VV	153	2072	0.05%	0.005%
6	3.157	3.133	3.251	VV	448	8318	0.18%	0.022%
7	3.294	3.251	3.336	PV	174	4136	0.09%	0.011%
8	3.348	3.336	3.402	VV	119	3034	0.07%	0.008%
9	3.421	3.402	3.454	PV	226	3572	0.08%	0.009%
10	3.481	3.454	3.508	VV	115	2718	0.06%	0.007%
11	3.526	3.508	3.534	VV	103	1347	0.03%	0.004%
12	3.544	3.534	3.558	VV	141	1412	0.03%	0.004%
13	3.563	3.558	3.572	VV	180	1079	0.02%	0.003%
14	3.581	3.572	3.610	VV	149	2522	0.06%	0.007%
15	3.620	3.610	3.634	VV	121	1589	0.03%	0.004%
16	3.641	3.634	3.734	VV	131	5854	0.13%	0.016%
17	3.769	3.734	3.802	VV	197	4803	0.10%	0.013%
18	3.824	3.802	3.851	PV	165	3061	0.07%	0.008%
19	3.870	3.851	3.901	VV	197	4482	0.10%	0.012%
20	3.914	3.901	3.980	VV	180	4770	0.10%	0.013%
21	4.008	3.980	4.028	VV	218	3603	0.08%	0.010%
22	4.035	4.028	4.051	VV	120	1325	0.03%	0.004%
23	4.061	4.051	4.098	VV	156	2936	0.06%	0.008%
24	4.137	4.098	4.191	VV	202	6309	0.14%	0.017%
25	4.207	4.191	4.223	VV	227	3495	0.08%	0.009%
26	4.265	4.223	4.364	VV	912	27938	0.61%	0.074%
27	4.414	4.364	4.421	VV	257	5932	0.13%	0.016%
28	4.447	4.421	4.505	VV	811	15731	0.34%	0.042%
29	4.517	4.505	4.568	VV	221	5932	0.13%	0.016%
30	4.621	4.568	4.649	VV	249	7312	0.16%	0.019%
31	4.678	4.649	4.708	VV	325	6920	0.15%	0.018%
32	4.718	4.708	4.770	VV	265	6474	0.14%	0.017%
33	4.791	4.770	4.832	VV	288	6102	0.13%	0.016%
34	4.852	4.832	4.862	VV	262	3730	0.08%	0.010%
35	4.869	4.862	4.877	VV	248	1984	0.04%	0.005%
36	4.911	4.877	4.981	VV	401	15025	0.33%	0.040%

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37	4.997	4.981	5.011	VV	216	2513	0.05%	0.007%
38	5.018	5.011	5.041	VV	182	2403	0.05%	0.006%
39	5.056	5.041	5.079	VV	255	4575	0.10%	0.012%
40	5.090	5.079	5.134	VV	231	4401	0.10%	0.012%
41	5.153	5.134	5.219	VV	189	5485	0.12%	0.015%
42	5.234	5.219	5.285	VV	145	2754	0.06%	0.007%
43	5.292	5.285	5.328	VV	55	1455	0.03%	0.004%
44	5.354	5.328	5.430	VV	274	7506	0.16%	0.020%
45	5.441	5.430	5.461	VV	159	1701	0.04%	0.005%
46	5.501	5.461	5.555	VV	255	4678	0.10%	0.012%
47	5.625	5.555	5.651	PV	964	11678	0.26%	0.031%
48	5.663	5.651	5.686	VV	210	1974	0.04%	0.005%
49	5.702	5.686	5.742	VV	128	2615	0.06%	0.007%
50	5.782	5.742	5.800	VV	86	1786	0.04%	0.005%
51	5.819	5.800	5.840	VV	236	3012	0.07%	0.008%
52	5.876	5.840	5.911	VV	596	10738	0.23%	0.028%
53	5.940	5.911	5.974	VV	200	4053	0.09%	0.011%
54	6.010	5.974	6.022	VV	190	3463	0.08%	0.009%
55	6.072	6.022	6.118	VV	292	9251	0.20%	0.025%
56	6.141	6.118	6.171	VV	399	6518	0.14%	0.017%
57	6.192	6.171	6.231	VV	393	6551	0.14%	0.017%
58	6.257	6.231	6.284	VV	176	4164	0.09%	0.011%
59	6.301	6.284	6.317	VV	257	3293	0.07%	0.009%
60	6.331	6.317	6.379	VV	358	13036	0.28%	0.035%
61	6.399	6.379	6.464	VV	1052	24385	0.53%	0.065%
62	6.480	6.464	6.534	VV	434	11328	0.25%	0.030%
63	6.563	6.534	6.587	VV	292	6798	0.15%	0.018%
64	6.635	6.587	6.669	VV	252	8547	0.19%	0.023%
65	6.692	6.669	6.738	VV	1691	22298	0.49%	0.059%
66	6.748	6.738	6.778	VV	286	4681	0.10%	0.012%
67	6.806	6.778	6.822	VV	254	5685	0.12%	0.015%
68	6.853	6.822	6.868	VV	346	7569	0.17%	0.020%
69	6.871	6.868	6.882	VV	359	2429	0.05%	0.006%
70	6.930	6.882	6.990	VV	899	22532	0.49%	0.060%
71	7.009	6.990	7.019	VV	232	3321	0.07%	0.009%
72	7.024	7.019	7.103	VV	202	6539	0.14%	0.017%
73	7.115	7.103	7.123	VV	193	1569	0.03%	0.004%
74	7.140	7.123	7.187	VV	233	5040	0.11%	0.013%
75	7.204	7.187	7.228	VV	183	2781	0.06%	0.007%
76	7.240	7.228	7.291	VV	113	3862	0.08%	0.010%
77	7.319	7.291	7.327	VV	257	3440	0.08%	0.009%
78	7.358	7.327	7.475	VV	688	31749	0.69%	0.084%
79	7.496	7.475	7.520	VV	348	6127	0.13%	0.016%
80	7.535	7.520	7.618	VV	543	12722	0.28%	0.034%
81	7.637	7.618	7.653	VV	288	3620	0.08%	0.010%
82	7.681	7.653	7.741	VV	705	17240	0.38%	0.046%
83	7.757	7.741	7.784	VV	236	3448	0.08%	0.009%
84	7.803	7.784	7.847	VV	267	6148	0.13%	0.016%
85	7.865	7.847	7.876	VV	245	2704	0.06%	0.007%
86	7.893	7.876	7.912	VV	226	4159	0.09%	0.011%
87	7.940	7.912	7.964	VV	304	6428	0.14%	0.017%
88	7.977	7.964	8.010	VV	223	4252	0.09%	0.011%
89	8.022	8.010	8.068	VV	271	4992	0.11%	0.013%

90	8.097	8.068	8.136	VV	715	10349	0.23%	0.027%
91	8.155	8.136	8.164	PV	167	1816	0.04%	0.005%
92	8.232	8.164	8.252	VV	1158	21504	0.47%	0.057%
93	8.266	8.252	8.284	VV	1011	12874	0.28%	0.034%
94	8.294	8.284	8.325	VV	494	6872	0.15%	0.018%
95	8.338	8.325	8.364	VV	164	2659	0.06%	0.007%
96	8.401	8.364	8.415	VV	1689	6880	0.15%	0.018%
97	8.423	8.415	8.434	VV	196	1559	0.03%	0.004%
98	8.457	8.434	8.494	VV	290	6254	0.14%	0.017%
99	8.512	8.494	8.534	VV	303	4846	0.11%	0.013%
100	8.582	8.534	8.604	VV	820	14657	0.32%	0.039%
101	8.621	8.604	8.636	VV	504	7226	0.16%	0.019%
102	8.678	8.636	8.734	VV	1885	51502	1.12%	0.137%
103	8.752	8.734	8.784	VV	346	6961	0.15%	0.018%
104	8.808	8.784	8.891	VV	1310	30094	0.66%	0.080%
105	8.919	8.891	8.933	VV	239	3922	0.09%	0.010%
106	8.944	8.933	8.961	VV	219	2547	0.06%	0.007%
107	9.072	8.961	9.084	PV	392	19018	0.42%	0.050%
108	9.106	9.084	9.141	VV	669	13411	0.29%	0.036%
109	9.165	9.141	9.218	VV	999	22196	0.48%	0.059%
110	9.231	9.218	9.264	VV	342	6610	0.14%	0.018%
111	9.322	9.264	9.341	VV	295	8727	0.19%	0.023%
112	9.384	9.341	9.396	VV	456	8293	0.18%	0.022%
113	9.424	9.396	9.481	VV	1546	33802	0.74%	0.090%
114	9.521	9.481	9.542	VV	908	14966	0.33%	0.040%
115	9.558	9.542	9.601	VV	306	7650	0.17%	0.020%
116	9.617	9.601	9.653	VV	234	3847	0.08%	0.010%
117	9.679	9.653	9.688	VV	161	2337	0.05%	0.006%
118	9.710	9.688	9.748	VV	405	6638	0.14%	0.018%
119	9.763	9.748	9.807	VV	279	5533	0.12%	0.015%
120	9.819	9.807	9.831	VV	185	1916	0.04%	0.005%
121	9.858	9.831	9.881	VV	837	12369	0.27%	0.033%
122	9.899	9.881	9.935	VV	892	15747	0.34%	0.042%
123	9.980	9.935	10.011	VV	519	13367	0.29%	0.035%
124	10.078	10.011	10.110	VV	439	18526	0.40%	0.049%
125	10.118	10.110	10.124	VV	268	2024	0.04%	0.005%
126	10.176	10.124	10.218	VV	45979	485063	10.59%	1.287%
127	10.241	10.218	10.275	VV	931	17125	0.37%	0.045%
128	10.304	10.275	10.364	VV	898	20102	0.44%	0.053%
129	10.372	10.364	10.378	VV	110	890	0.02%	0.002%
130	10.411	10.378	10.441	VV	345	7014	0.15%	0.019%
131	10.456	10.441	10.539	VV	142	3626	0.08%	0.010%
132	10.567	10.539	10.600	PV	167	2528	0.06%	0.007%
133	10.653	10.600	10.680	VV	4111	48313	1.06%	0.128%
134	10.695	10.680	10.714	VV	546	6289	0.14%	0.017%
135	10.745	10.714	10.774	VV	745	17621	0.38%	0.047%
136	10.786	10.774	10.814	VV	473	7307	0.16%	0.019%
137	10.827	10.814	10.844	VV	283	3100	0.07%	0.008%
138	10.860	10.844	10.881	VV	320	5140	0.11%	0.014%
139	10.956	10.881	10.978	VV	920	23089	0.50%	0.061%
140	11.000	10.978	11.021	VV	891	14979	0.33%	0.040%
141	11.046	11.021	11.066	VV	1150	17441	0.38%	0.046%

142	11.079	11.066	11.091	VV	604	6783	0.15%	0.018%
143	11.114	11.091	11.134	VV	868	15909	0.35%	0.042%
144	11.148	11.134	11.172	VV	600	10811	0.24%	0.029%
145	11.182	11.172	11.236	VV	361	9916	0.22%	0.026%
146	11.273	11.236	11.287	VV	735	12462	0.27%	0.033%
147	11.312	11.287	11.368	VV	8962	148125	3.23%	0.393%
148	11.387	11.368	11.461	VV	2261	40870	0.89%	0.108%
149	11.481	11.461	11.546	VV	550	14701	0.32%	0.039%
150	11.559	11.546	11.577	VV	253	3450	0.08%	0.009%
151	11.598	11.577	11.646	VV	933	13332	0.29%	0.035%
152	11.681	11.646	11.704	PV	573	9552	0.21%	0.025%
153	11.724	11.704	11.737	VV	898	10516	0.23%	0.028%
154	11.752	11.737	11.766	VV	1128	13570	0.30%	0.036%
155	11.781	11.766	11.813	VV	1081	19755	0.43%	0.052%
156	11.837	11.813	11.897	VV	1303	29689	0.65%	0.079%
157	11.914	11.897	11.928	VV	396	5637	0.12%	0.015%
158	11.950	11.928	11.977	VV	861	13959	0.30%	0.037%
159	12.016	11.977	12.046	VV	1642	41538	0.91%	0.110%
160	12.082	12.046	12.133	VV	419137	4579046	100.00%	12.152%
161	12.149	12.133	12.198	VV	1712	31323	0.68%	0.083%
162	12.236	12.198	12.253	VV	1474	25706	0.56%	0.068%
163	12.272	12.253	12.286	VV	1271	15900	0.35%	0.042%
164	12.299	12.286	12.338	VV	1218	14705	0.32%	0.039%
165	12.362	12.338	12.391	VV	367	6069	0.13%	0.016%
166	12.425	12.391	12.439	PV	1117	17766	0.39%	0.047%
167	12.474	12.439	12.503	VV	2155	42544	0.93%	0.113%
168	12.523	12.503	12.567	VV	2962	54942	1.20%	0.146%
169	12.589	12.567	12.638	VV	2088	40316	0.88%	0.107%
170	12.673	12.638	12.778	VV	61152	801399	17.50%	2.127%
171	12.794	12.778	12.831	VV	954	24414	0.53%	0.065%
172	12.841	12.831	12.897	VV	620	19675	0.43%	0.052%
173	12.912	12.897	12.941	VV	562	10944	0.24%	0.029%
174	12.971	12.941	12.991	VV	1064	17400	0.38%	0.046%
175	13.019	12.991	13.041	VV	1260	24566	0.54%	0.065%
176	13.067	13.041	13.105	VV	1875	34907	0.76%	0.093%
177	13.139	13.105	13.223	VV	18293	228033	4.98%	0.605%
178	13.276	13.223	13.294	VV	779	15790	0.34%	0.042%
179	13.327	13.294	13.362	VV	1245	30056	0.66%	0.080%
180	13.381	13.362	13.401	VV	420	6963	0.15%	0.018%
181	13.439	13.401	13.461	VV	14981	174203	3.80%	0.462%
182	13.517	13.461	13.558	VV	282437	3463444	75.64%	9.192%
183	13.566	13.558	13.582	VV	329	3334	0.07%	0.009%
184	13.629	13.582	13.657	VV	1774	31845	0.70%	0.085%
185	13.703	13.657	13.724	PV	2536	51270	1.12%	0.136%
186	13.749	13.724	13.854	VV	3450	113321	2.47%	0.301%
187	13.910	13.854	13.984	VV	9940	179506	3.92%	0.476%
188	14.029	13.984	14.067	VV	2451	49632	1.08%	0.132%
189	14.085	14.067	14.108	VV	461	8803	0.19%	0.023%
190	14.138	14.108	14.160	VV	1511	26195	0.57%	0.070%
191	14.179	14.160	14.201	VV	1219	17546	0.38%	0.047%
192	14.220	14.201	14.244	VV	1643	24305	0.53%	0.065%
193	14.269	14.244	14.284	VV	1446	22531	0.49%	0.060%
194	14.305	14.284	14.328	VV	1434	26616	0.58%	0.071%

195	14.350	14.328	14.382	VV	987	16878	0.37%	0.045%
196	14.427	14.382	14.465	VV	680	15666	0.34%	0.042%
197	14.488	14.465	14.500	VV	693	9280	0.20%	0.025%
198	14.524	14.500	14.554	VV	1287	21201	0.46%	0.056%
199	14.565	14.554	14.600	VV	317	3614	0.08%	0.010%
200	14.664	14.600	14.688	PV	3652	53840	1.18%	0.143%
201	14.709	14.688	14.731	VV	1926	29719	0.65%	0.079%
202	14.765	14.731	14.811	VV	1621	40218	0.88%	0.107%
203	14.836	14.811	14.854	VV	1498	21617	0.47%	0.057%
204	14.870	14.854	14.888	VV	945	13734	0.30%	0.036%
205	14.908	14.888	14.920	VV	1186	17163	0.37%	0.046%
206	14.945	14.920	14.981	VV	1654	35934	0.78%	0.095%
207	15.012	14.981	15.034	VV	2247	30752	0.67%	0.082%
208	15.066	15.034	15.111	VV	2161	40705	0.89%	0.108%
209	15.196	15.111	15.204	VV	516	20836	0.46%	0.055%
210	15.218	15.204	15.253	VV	556	10671	0.23%	0.028%
211	15.274	15.253	15.298	PV	930	13190	0.29%	0.035%
212	15.322	15.298	15.343	VV	7778	97695	2.13%	0.259%
213	15.363	15.343	15.396	VV	9104	117541	2.57%	0.312%
214	15.420	15.396	15.443	VV	1479	21641	0.47%	0.057%
215	15.483	15.443	15.519	VV	2007	37829	0.83%	0.100%
216	15.531	15.519	15.541	VV	405	4663	0.10%	0.012%
217	15.562	15.541	15.594	VV	838	12753	0.28%	0.034%
218	15.622	15.594	15.650	PV	1032	17566	0.38%	0.047%
219	15.671	15.650	15.704	VV	834	16146	0.35%	0.043%
220	15.757	15.704	15.830	VV	21419	340465	7.44%	0.904%
221	15.854	15.830	15.874	VV	579	9509	0.21%	0.025%
222	15.916	15.874	15.938	VV	3966	71154	1.55%	0.189%
223	15.980	15.938	16.017	VV	7088	127600	2.79%	0.339%
224	16.034	16.017	16.068	VV	1883	16036	0.35%	0.043%
225	16.162	16.068	16.194	PV	1389	54880	1.20%	0.146%
226	16.237	16.194	16.253	VV	511	13089	0.29%	0.035%
227	16.280	16.253	16.306	VV	1280	22943	0.50%	0.061%
228	16.322	16.306	16.338	VV	643	9203	0.20%	0.024%
229	16.359	16.338	16.381	VV	864	13616	0.30%	0.036%
230	16.400	16.381	16.433	VV	1529	26097	0.57%	0.069%
231	16.462	16.433	16.517	VV	1946	34665	0.76%	0.092%
232	16.533	16.517	16.547	VV	309	3187	0.07%	0.008%
233	16.600	16.547	16.649	PV	1053	26487	0.58%	0.070%
234	16.704	16.649	16.730	PV	2839	53194	1.16%	0.141%
235	16.773	16.730	16.831	VV	15218	266871	5.83%	0.708%
236	16.885	16.831	16.934	VV	12424	218558	4.77%	0.580%
237	16.969	16.934	16.996	VV	3415	55950	1.22%	0.148%
238	17.016	16.996	17.067	VV	1922	33426	0.73%	0.089%
239	17.106	17.067	17.131	VV	623	12832	0.28%	0.034%
240	17.208	17.131	17.233	PV	5885	97324	2.13%	0.258%
241	17.264	17.233	17.301	PV	8036	109872	2.40%	0.292%
242	17.357	17.301	17.378	VV	3200	73924	1.61%	0.196%
243	17.402	17.378	17.411	VV	4628	71037	1.55%	0.189%
244	17.429	17.411	17.467	VV	9305	126276	2.76%	0.335%
245	17.507	17.467	17.526	VV	466	9348	0.20%	0.025%
246	17.557	17.526	17.568	PV	645	11509	0.25%	0.031%

247	17.621	17.568	17.656	VV	1832	51446	1.12%	0.137%
248	17.717	17.656	17.774	VV	28190	498847	10.89%	1.324%
249	17.802	17.774	17.832	VV	12368	199914	4.37%	0.531%
250	17.854	17.832	17.868	VV	1675	26419	0.58%	0.070%
251	17.887	17.868	17.908	VV	3292	44353	0.97%	0.118%
252	17.938	17.908	17.964	VV	1842	41063	0.90%	0.109%
253	17.987	17.964	18.006	VV	1269	19620	0.43%	0.052%
254	18.028	18.006	18.063	PV	855	17290	0.38%	0.046%
255	18.084	18.063	18.098	VV	646	7278	0.16%	0.019%
256	18.165	18.098	18.187	VV	2146	58801	1.28%	0.156%
257	18.241	18.187	18.294	VV	6376	171419	3.74%	0.455%
258	18.331	18.294	18.360	VV	7656	123730	2.70%	0.328%
259	18.407	18.360	18.424	VV	4294	83981	1.83%	0.223%
260	18.436	18.424	18.458	VV	2274	38562	0.84%	0.102%
261	18.485	18.458	18.519	VV	2417	55870	1.22%	0.148%
262	18.602	18.519	18.626	VV	17949	414384	9.05%	1.100%
263	18.665	18.626	18.704	VV	17968	401181	8.76%	1.065%
264	18.770	18.704	18.791	VV	6181	157400	3.44%	0.418%
265	18.806	18.791	18.852	VV	3460	79842	1.74%	0.212%
266	18.893	18.852	18.923	VV	6957	132369	2.89%	0.351%
267	18.968	18.923	19.000	VV	3048	98175	2.14%	0.261%
268	19.025	19.000	19.042	VV	4067	69372	1.51%	0.184%
269	19.070	19.042	19.105	VV	10573	221819	4.84%	0.589%
270	19.114	19.105	19.135	VV	2268	33316	0.73%	0.088%
271	19.176	19.135	19.191	VV	11195	192551	4.21%	0.511%
272	19.200	19.191	19.226	VV	8507	127689	2.79%	0.339%
273	19.248	19.226	19.271	VV	4942	101059	2.21%	0.268%
274	19.293	19.271	19.312	VV	3877	78143	1.71%	0.207%
275	19.374	19.312	19.393	VV	5249	181369	3.96%	0.481%
276	19.440	19.393	19.466	VV	28282	649890	14.19%	1.725%
277	19.475	19.466	19.481	VV	11236	96970	2.12%	0.257%
278	19.491	19.481	19.519	VV	11521	213339	4.66%	0.566%
279	19.569	19.519	19.594	VV	10350	347725	7.59%	0.923%
280	19.621	19.594	19.646	VV	10447	243579	5.32%	0.646%
281	19.734	19.646	19.768	VV	9892	529614	11.57%	1.406%
282	19.780	19.768	19.811	VV	8144	187021	4.08%	0.496%
283	19.859	19.811	19.878	VV	8572	289125	6.31%	0.767%
284	19.934	19.878	19.952	VV	12796	409835	8.95%	1.088%
285	19.972	19.952	20.021	VV	12696	399180	8.72%	1.059%
286	20.051	20.021	20.074	VV	11401	307716	6.72%	0.817%
287	20.118	20.074	20.141	VV	11210	400492	8.75%	1.063%
288	20.166	20.141	20.186	VV	11058	283821	6.20%	0.753%
289	20.231	20.186	20.258	VV	16843	593886	12.97%	1.576%
290	20.268	20.258	20.298	VV	12899	293369	6.41%	0.779%
291	20.308	20.298	20.318	VV	11996	140280	3.06%	0.372%
292	20.339	20.318	20.358	VV	12245	287185	6.27%	0.762%
293	20.424	20.358	20.449	VV	16374	756699	16.53%	2.008%
294	20.475	20.449	20.494	VV	16080	416314	9.09%	1.105%
295	20.502	20.494	20.517	VV	15619	207379	4.53%	0.550%
296	20.556	20.517	20.588	VV	17837	704681	15.39%	1.870%
297	20.606	20.588	20.630	VV	16714	407142	8.89%	1.081%
298	20.651	20.630	20.664	VV	16343	329037	7.19%	0.873%
299	20.692	20.664	20.701	VV	18211	375663	8.20%	0.997%

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300	20.720	20.701	20.748	VV	17913	489082	10.68%	1.298%
301	20.772	20.748	20.783	VV	18427	378843	8.27%	1.005%
302	20.867	20.783	20.907	VV	18960	1377826	30.09%	3.657%
303	20.967	20.907	21.074	VV	20334	1885611	41.18%	5.004%
304	21.098	21.074	21.128	VV	17503	550279	12.02%	1.460%
305	21.140	21.128	21.244	VV	16636	1060074	23.15%	2.813%
306	21.264	21.244	21.272	VV	13711	227929	4.98%	0.605%
307	21.278	21.272	21.298	VV	13495	203834	4.45%	0.541%
308	21.311	21.298	21.339	VV	13346	319943	6.99%	0.849%
309	21.376	21.339	21.438	VV	12694	706122	15.42%	1.874%
310	21.462	21.438	21.478	VV	10472	252104	5.51%	0.669%
311	21.491	21.478	21.528	VV	10371	295804	6.46%	0.785%
312	21.536	21.528	21.551	VV	10060	135584	2.96%	0.360%
313	21.559	21.551	21.577	VV	9783	152912	3.34%	0.406%
314	21.608	21.577	21.626	VV	9804	276689	6.04%	0.734%
315	21.644	21.626	21.682	VV	9087	293004	6.40%	0.778%
316	21.705	21.682	21.730	VV	8725	243436	5.32%	0.646%
317	21.755	21.730	21.775	VV	8760	227298	4.96%	0.603%
318	21.792	21.775	21.818	VV	8351	208350	4.55%	0.553%
319	21.845	21.818	21.875	VV	7343	238047	5.20%	0.632%
320	21.884	21.875	21.914	VV	6531	140304	3.06%	0.372%
321	21.927	21.914	21.951	VV	5372	108350	2.37%	0.288%
322	21.971	21.951	21.978	VV	4543	73349	1.60%	0.195%
323	21.987	21.978	22.018	VV	4382	97120	2.12%	0.258%
324	22.031	22.018	22.041	VV	3654	49709	1.09%	0.132%
325	22.056	22.041	22.068	VV	3524	54003	1.18%	0.143%
326	22.076	22.068	22.091	VV	3181	40913	0.89%	0.109%
327	22.099	22.091	22.160	VV	2770	67972	1.48%	0.180%

Sum of corrected areas: 37680183

Aliphatic EPH 062725.M Wed Jul 09 07:16:30 2025

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/02/25
Project:	98 Morse Ave Nutley	Date Received:	07/03/25
Client Sample ID:	5	SDG No.:	Q2504
Lab Sample ID:	Q2504-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/08/25 09:05	07/08/25 18:35	PB168752

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.42	J	1	1.09	4.80	mg/kg	FE054748.D
Total EPH	Total EPH	3.42	J		1.09	4.80	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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:	Sciacca General Contractors, LLC	Date Collected:	07/02/25
Project:	98 Morse Ave Nutley	Date Received:	07/03/25
Client Sample ID:	5	SDG No.:	Q2504
Lab Sample ID:	Q2504-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054748.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		3.42	J	1.09	4.80	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		12.1		1.42	2.40	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		24.1		40 - 140	48%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		24.7		40 - 140	49%	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:	Q2504-07	Acq On:	08 Jul 2025 18:35
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FE054748.D	Misc:	
Instrument:	FID_E	ALS Vial:	29
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.956	468266	3.442	300	ug/ml
Aliphatic C12-C16	6.957	10.409	1159434	8.248	200	ug/ml
Aliphatic C16-C21	10.410	13.786	2109965	14.613	300	ug/ml
Aliphatic C21-C28	13.787	17.458	2373478	16.408	400	ug/ml
Aliphatic C28-C40	17.459	22.482	20980421	151.322	600	ug/ml
Aliphatic EPH	3.323	22.482	27091564	194.033		ug/ml
ortho-Terphenyl (SURR)	12.081	12.081	4008704	24.69		ug/ml
1-chlorooctadecane (SURR)	13.517	13.517	3041780	24.08		ug/ml
Aliphatic C9-C28	3.323	17.458	6111143	42.711	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054748.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 18:35
Operator : YP\AJ
Sample : Q2504-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5

Integration File: autoint1.e
Quant Time: Jul 09 06:40:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 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)	12.081	4008704	24.685 ug/ml
Spiked Amount 50.000		Recovery =	49.37%
12) S 1-chlorooctadecane (S...	13.517	3041780	24.085 ug/ml
Spiked Amount 50.000		Recovery =	48.17%
Target Compounds			

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

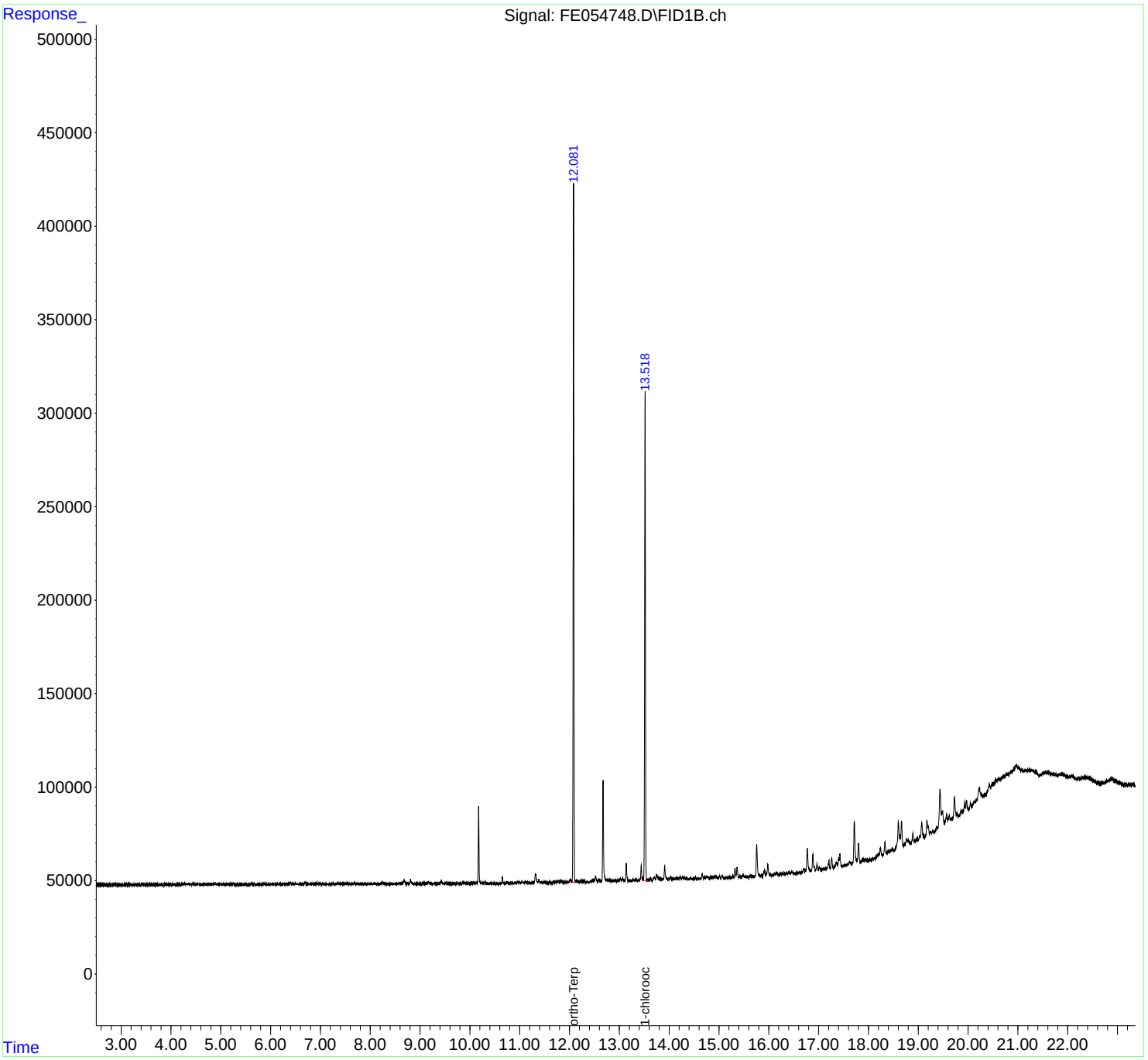
Quantitation Report (QT Reviewed)

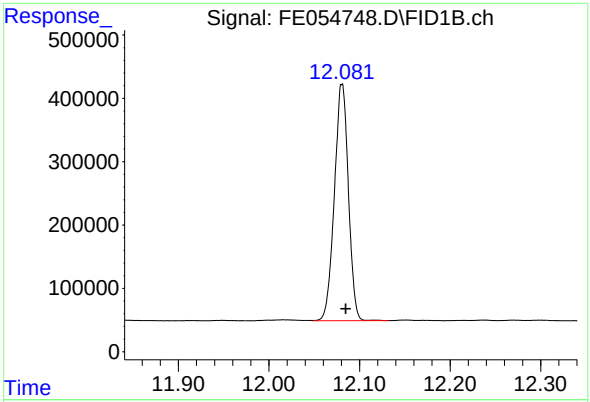
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054748.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 18:35
Operator : YP\AJ
Sample : Q2504-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5

Integration File: autoint1.e
Quant Time: Jul 09 06:40:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

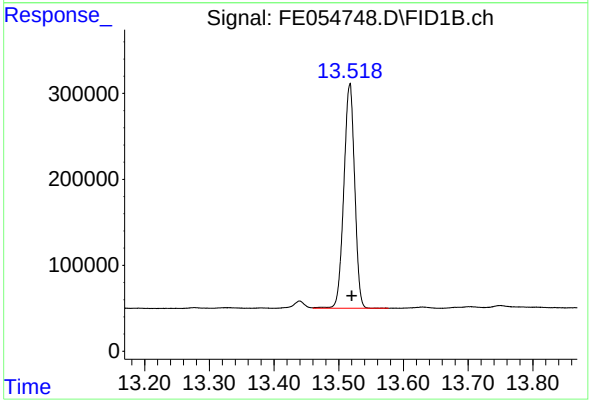




#9 ortho-Terphenyl (SURR)

R.T.: 12.081 min
Delta R.T.: -0.004 min
Response: 4008704
Conc: 24.69 ug/ml

Instrument :
FID_E
ClientSampleId :
5



#12 1-chlorooctadecane (SURR)

R.T.: 13.517 min
Delta R.T.: -0.003 min
Response: 3041780
Conc: 24.08 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054748.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 18:35
Sample : Q2504-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.843	2.805	2.875	BV	160	2231	0.06%	0.007%
2	2.887	2.875	2.913	VV	72	1094	0.03%	0.003%
3	2.925	2.913	2.945	PV	185	1170	0.03%	0.003%
4	2.969	2.945	3.018	VV	197	4103	0.10%	0.012%
5	3.055	3.018	3.072	VV	231	4668	0.12%	0.014%
6	3.079	3.072	3.108	VV	177	2432	0.06%	0.007%
7	3.113	3.108	3.137	VV	107	1389	0.03%	0.004%
8	3.157	3.137	3.195	PV	431	6194	0.15%	0.018%
9	3.200	3.195	3.212	VV	100	730	0.02%	0.002%
10	3.224	3.212	3.251	VV	131	1504	0.04%	0.004%
11	3.269	3.251	3.278	VV	137	1568	0.04%	0.005%
12	3.289	3.278	3.301	VV	170	1671	0.04%	0.005%
13	3.313	3.301	3.358	VV	171	2630	0.07%	0.008%
14	3.385	3.358	3.401	VV	145	2031	0.05%	0.006%
15	3.420	3.401	3.439	VV	294	3717	0.09%	0.011%
16	3.446	3.439	3.536	VV	158	4591	0.11%	0.013%
17	3.567	3.536	3.589	VV	185	3485	0.09%	0.010%
18	3.613	3.589	3.671	VV	171	5271	0.13%	0.015%
19	3.673	3.671	3.694	VV	130	1249	0.03%	0.004%
20	3.727	3.694	3.736	VV	164	3527	0.09%	0.010%
21	3.774	3.736	3.801	VV	276	5917	0.15%	0.017%
22	3.811	3.801	3.832	VV	147	1725	0.04%	0.005%
23	3.874	3.832	3.906	VV	185	5139	0.13%	0.015%
24	4.013	3.906	4.045	VV	171	8507	0.21%	0.025%
25	4.066	4.045	4.095	VV	203	3854	0.10%	0.011%
26	4.107	4.095	4.117	VV	170	2029	0.05%	0.006%
27	4.131	4.117	4.189	VV	206	6209	0.15%	0.018%
28	4.210	4.189	4.230	VV	260	4748	0.12%	0.014%
29	4.243	4.230	4.253	VV	325	4022	0.10%	0.012%
30	4.269	4.253	4.348	VV	745	23046	0.57%	0.067%
31	4.354	4.348	4.362	VV	259	1892	0.05%	0.006%
32	4.379	4.362	4.413	VV	292	6989	0.17%	0.020%
33	4.448	4.413	4.555	VV	688	25099	0.62%	0.073%
34	4.563	4.555	4.613	VV	231	6396	0.16%	0.019%
35	4.625	4.613	4.651	VV	277	4861	0.12%	0.014%
36	4.681	4.651	4.697	VV	375	6530	0.16%	0.019%

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37	4.717	4.697	4.742	VV	293	5486	0.14%	0.016%
38	4.785	4.742	4.831	VV	350	12932	0.32%	0.038%
39	4.862	4.831	4.874	VV	437	8482	0.21%	0.025%
40	4.889	4.874	4.901	VV	470	6380	0.16%	0.019%
41	4.907	4.901	4.926	VV	441	5811	0.14%	0.017%
42	4.931	4.926	4.984	VV	405	10074	0.25%	0.029%
43	4.996	4.984	5.035	VV	288	7136	0.18%	0.021%
44	5.054	5.035	5.121	VV	285	10940	0.27%	0.032%
45	5.152	5.121	5.185	VV	250	6005	0.15%	0.018%
46	5.208	5.185	5.268	VV	211	6671	0.17%	0.020%
47	5.295	5.268	5.306	VV	194	2965	0.07%	0.009%
48	5.316	5.306	5.322	VV	130	1071	0.03%	0.003%
49	5.339	5.322	5.371	VV	239	4297	0.11%	0.013%
50	5.396	5.371	5.421	VV	290	5185	0.13%	0.015%
51	5.445	5.421	5.481	VV	225	5400	0.13%	0.016%
52	5.501	5.481	5.523	VV	280	4671	0.12%	0.014%
53	5.533	5.523	5.555	VV	148	2203	0.05%	0.006%
54	5.570	5.555	5.581	VV	169	1917	0.05%	0.006%
55	5.590	5.581	5.602	VV	135	1226	0.03%	0.004%
56	5.625	5.602	5.648	VV	1009	11424	0.28%	0.033%
57	5.657	5.648	5.687	VV	179	2758	0.07%	0.008%
58	5.699	5.687	5.738	VV	166	3179	0.08%	0.009%
59	5.765	5.738	5.787	VV	134	2418	0.06%	0.007%
60	5.819	5.787	5.834	VV	179	3125	0.08%	0.009%
61	5.877	5.834	5.923	VV	513	11516	0.29%	0.034%
62	5.937	5.923	5.961	VV	199	3221	0.08%	0.009%
63	5.994	5.961	6.015	VV	190	3988	0.10%	0.012%
64	6.035	6.015	6.043	VV	157	2385	0.06%	0.007%
65	6.070	6.043	6.117	VV	252	8278	0.21%	0.024%
66	6.143	6.117	6.169	VV	413	7306	0.18%	0.021%
67	6.191	6.169	6.231	VV	447	7244	0.18%	0.021%
68	6.267	6.231	6.288	VV	240	6050	0.15%	0.018%
69	6.290	6.288	6.321	VV	209	3564	0.09%	0.010%
70	6.333	6.321	6.341	VV	432	3609	0.09%	0.011%
71	6.362	6.341	6.382	VV	632	11889	0.30%	0.035%
72	6.399	6.382	6.471	VV	982	24472	0.61%	0.072%
73	6.480	6.471	6.535	VV	479	11909	0.30%	0.035%
74	6.557	6.535	6.586	VV	310	7353	0.18%	0.022%
75	6.629	6.586	6.658	VV	323	10548	0.26%	0.031%
76	6.692	6.658	6.731	VV	1448	23362	0.58%	0.068%
77	6.745	6.731	6.775	VV	361	7514	0.19%	0.022%
78	6.781	6.775	6.825	VV	338	8942	0.22%	0.026%
79	6.850	6.825	6.898	VV	381	14397	0.36%	0.042%
80	6.931	6.898	6.966	VV	859	18129	0.45%	0.053%
81	6.981	6.966	7.005	VV	417	7690	0.19%	0.022%
82	7.008	7.005	7.021	VV	272	2190	0.05%	0.006%
83	7.030	7.021	7.065	VV	293	5354	0.13%	0.016%
84	7.071	7.065	7.083	VV	253	1899	0.05%	0.006%
85	7.092	7.083	7.105	VV	153	1801	0.04%	0.005%
86	7.118	7.105	7.133	VV	199	2546	0.06%	0.007%
87	7.144	7.133	7.158	VV	214	2199	0.05%	0.006%
88	7.208	7.158	7.237	VV	329	8932	0.22%	0.026%
89	7.255	7.237	7.305	VV	638	10891	0.27%	0.032%

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90	7.319	7.305	7.327	VV	270	2850	0.07%	0.008%
91	7.348	7.327	7.385	VV	633	15602	0.39%	0.046%
92	7.398	7.385	7.428	VV	429	8974	0.22%	0.026%
93	7.437	7.428	7.463	VV	379	5204	0.13%	0.015%
94	7.495	7.463	7.515	VV	430	8228	0.20%	0.024%
95	7.534	7.515	7.561	VV	669	10730	0.27%	0.031%
96	7.570	7.561	7.621	VV	236	6376	0.16%	0.019%
97	7.639	7.621	7.651	VV	329	3796	0.09%	0.011%
98	7.681	7.651	7.706	VV	848	13728	0.34%	0.040%
99	7.719	7.706	7.758	VV	349	7658	0.19%	0.022%
100	7.804	7.758	7.827	VV	282	8073	0.20%	0.024%
101	7.834	7.827	7.846	VV	215	1999	0.05%	0.006%
102	7.856	7.846	7.878	VV	429	4326	0.11%	0.013%
103	7.891	7.878	7.924	VV	303	5859	0.15%	0.017%
104	7.942	7.924	7.965	VV	303	5821	0.14%	0.017%
105	7.968	7.965	8.008	VV	309	4896	0.12%	0.014%
106	8.028	8.008	8.061	VV	348	6389	0.16%	0.019%
107	8.069	8.061	8.075	VV	163	1410	0.04%	0.004%
108	8.096	8.075	8.129	VV	600	9780	0.24%	0.029%
109	8.150	8.129	8.171	VV	209	3108	0.08%	0.009%
110	8.233	8.171	8.255	VV	951	20651	0.51%	0.060%
111	8.266	8.255	8.330	VV	881	18140	0.45%	0.053%
112	8.408	8.330	8.441	VV	221	11154	0.28%	0.033%
113	8.460	8.441	8.472	VV	334	4903	0.12%	0.014%
114	8.480	8.472	8.498	VV	373	4204	0.10%	0.012%
115	8.514	8.498	8.547	VV	329	7536	0.19%	0.022%
116	8.581	8.547	8.602	VV	671	13931	0.35%	0.041%
117	8.622	8.602	8.637	VV	442	8102	0.20%	0.024%
118	8.678	8.637	8.771	VV	2163	65821	1.64%	0.192%
119	8.808	8.771	8.905	VV	2749	51645	1.28%	0.151%
120	8.922	8.905	8.938	VV	295	4737	0.12%	0.014%
121	8.948	8.938	8.965	VV	306	3312	0.08%	0.010%
122	9.075	8.965	9.087	VV	445	21095	0.52%	0.062%
123	9.108	9.087	9.138	VV	591	13672	0.34%	0.040%
124	9.165	9.138	9.212	VV	952	23599	0.59%	0.069%
125	9.231	9.212	9.254	VV	438	7924	0.20%	0.023%
126	9.302	9.254	9.344	VV	375	15546	0.39%	0.045%
127	9.359	9.344	9.368	VV	304	3449	0.09%	0.010%
128	9.385	9.368	9.395	VV	454	5696	0.14%	0.017%
129	9.423	9.395	9.489	VV	1717	39396	0.98%	0.115%
130	9.520	9.489	9.545	VV	813	16064	0.40%	0.047%
131	9.555	9.545	9.589	VV	407	8989	0.22%	0.026%
132	9.617	9.589	9.688	VV	376	15756	0.39%	0.046%
133	9.707	9.688	9.731	VV	502	8304	0.21%	0.024%
134	9.762	9.731	9.781	VV	545	9920	0.25%	0.029%
135	9.791	9.781	9.803	VV	398	4224	0.10%	0.012%
136	9.813	9.803	9.836	VV	369	4991	0.12%	0.015%
137	9.858	9.836	9.884	VV	1019	17185	0.43%	0.050%
138	9.899	9.884	9.938	VV	793	18281	0.45%	0.053%
139	9.975	9.938	10.014	VV	545	18452	0.46%	0.054%
140	10.044	10.014	10.055	VV	619	11039	0.27%	0.032%
141	10.080	10.055	10.107	VV	631	15674	0.39%	0.046%

142	10.119	10.107	10.125	VV	410	4152	0.10%	0.012%
143	10.176	10.125	10.221	VV	41326	435749	10.83%	1.274%
144	10.241	10.221	10.275	VV	914	19152	0.48%	0.056%
145	10.304	10.275	10.378	VV	961	28680	0.71%	0.084%
146	10.411	10.378	10.439	VV	405	11839	0.29%	0.035%
147	10.460	10.439	10.541	VV	299	13158	0.33%	0.038%
148	10.560	10.541	10.571	VV	297	2944	0.07%	0.009%
149	10.653	10.571	10.679	PV	3921	52697	1.31%	0.154%
150	10.697	10.679	10.711	VV	464	7362	0.18%	0.022%
151	10.745	10.711	10.771	VV	857	20671	0.51%	0.060%
152	10.784	10.771	10.818	VV	539	10988	0.27%	0.032%
153	10.856	10.818	10.878	VV	445	11812	0.29%	0.035%
154	10.916	10.878	10.933	VV	424	11704	0.29%	0.034%
155	10.955	10.933	10.978	VV	888	16512	0.41%	0.048%
156	11.000	10.978	11.025	VV	886	17360	0.43%	0.051%
157	11.045	11.025	11.067	VV	1068	17944	0.45%	0.052%
158	11.115	11.067	11.135	VV	790	24892	0.62%	0.073%
159	11.150	11.135	11.171	VV	807	12374	0.31%	0.036%
160	11.192	11.171	11.225	VV	462	12361	0.31%	0.036%
161	11.272	11.225	11.288	VV	851	17877	0.44%	0.052%
162	11.317	11.288	11.365	VV	5189	107899	2.68%	0.316%
163	11.385	11.365	11.435	VV	2246	40375	1.00%	0.118%
164	11.445	11.435	11.459	VV	447	5902	0.15%	0.017%
165	11.476	11.459	11.495	VV	498	8659	0.22%	0.025%
166	11.523	11.495	11.548	VV	479	11792	0.29%	0.034%
167	11.555	11.548	11.581	VV	311	3847	0.10%	0.011%
168	11.596	11.581	11.651	VV	669	10638	0.26%	0.031%
169	11.684	11.651	11.701	PV	641	9285	0.23%	0.027%
170	11.724	11.701	11.736	VV	754	10495	0.26%	0.031%
171	11.752	11.736	11.765	VV	1056	12864	0.32%	0.038%
172	11.780	11.765	11.813	VV	988	20262	0.50%	0.059%
173	11.835	11.813	11.891	VV	1312	31715	0.79%	0.093%
174	11.913	11.891	11.931	VV	451	7272	0.18%	0.021%
175	11.948	11.931	11.978	VV	865	12462	0.31%	0.036%
176	12.016	11.978	12.046	VV	1631	39759	0.99%	0.116%
177	12.081	12.046	12.133	VV	375460	4023860	100.00%	11.766%
178	12.151	12.133	12.194	VV	1221	25266	0.63%	0.074%
179	12.236	12.194	12.253	VV	1058	20602	0.51%	0.060%
180	12.270	12.253	12.285	VV	960	12529	0.31%	0.037%
181	12.300	12.285	12.328	VV	912	12991	0.32%	0.038%
182	12.361	12.328	12.388	PV	284	5135	0.13%	0.015%
183	12.425	12.388	12.440	VV	928	15234	0.38%	0.045%
184	12.474	12.440	12.505	VV	1419	34352	0.85%	0.100%
185	12.523	12.505	12.571	VV	3132	59789	1.49%	0.175%
186	12.590	12.571	12.645	VV	1616	35246	0.88%	0.103%
187	12.673	12.645	12.777	VV	54198	706668	17.56%	2.066%
188	12.794	12.777	12.834	VV	979	24972	0.62%	0.073%
189	12.857	12.834	12.921	VV	605	23892	0.59%	0.070%
190	12.931	12.921	12.989	VV	910	17825	0.44%	0.052%
191	13.020	12.989	13.045	VV	1655	30012	0.75%	0.088%
192	13.066	13.045	13.107	VV	1642	30658	0.76%	0.090%
193	13.139	13.107	13.218	VV	9740	133978	3.33%	0.392%
194	13.278	13.218	13.301	VV	1044	19907	0.49%	0.058%

rteres

195	13.327	13.301	13.365	VV	896	22860	0.57%	0.067%
196	13.381	13.365	13.399	VV	644	8793	0.22%	0.026%
197	13.439	13.399	13.465	VV	8571	106130	2.64%	0.310%
198	13.517	13.465	13.590	VV	263530	3051513	75.84%	8.923%
199	13.629	13.590	13.661	VV	1492	24365	0.61%	0.071%
200	13.703	13.661	13.725	VV	1875	41618	1.03%	0.122%
201	13.750	13.725	13.853	VV	3084	101422	2.52%	0.297%
202	13.911	13.853	13.985	VV	7755	144205	3.58%	0.422%
203	14.027	13.985	14.068	VV	1849	42281	1.05%	0.124%
204	14.137	14.068	14.161	VV	1192	31958	0.79%	0.093%
205	14.179	14.161	14.197	VV	1010	14689	0.37%	0.043%
206	14.220	14.197	14.243	VV	1818	26849	0.67%	0.079%
207	14.268	14.243	14.288	VV	1499	26736	0.66%	0.078%
208	14.305	14.288	14.330	VV	1192	22607	0.56%	0.066%
209	14.348	14.330	14.393	VV	847	16686	0.41%	0.049%
210	14.429	14.393	14.464	VV	571	13821	0.34%	0.040%
211	14.523	14.464	14.581	VV	865	24419	0.61%	0.071%
212	14.664	14.581	14.689	PV	2811	44953	1.12%	0.131%
213	14.709	14.689	14.727	VV	1433	19486	0.48%	0.057%
214	14.749	14.727	14.815	VV	1306	37896	0.94%	0.111%
215	14.836	14.815	14.884	VV	1339	29081	0.72%	0.085%
216	14.908	14.884	14.923	VV	1113	18580	0.46%	0.054%
217	14.942	14.923	14.981	VV	1212	26946	0.67%	0.079%
218	15.011	14.981	15.034	VV	1489	20654	0.51%	0.060%
219	15.066	15.034	15.103	VV	1669	29915	0.74%	0.087%
220	15.149	15.103	15.181	VV	467	14033	0.35%	0.041%
221	15.220	15.181	15.250	VV	549	14407	0.36%	0.042%
222	15.277	15.250	15.295	PV	1121	14648	0.36%	0.043%
223	15.322	15.295	15.342	VV	5026	67274	1.67%	0.197%
224	15.363	15.342	15.398	VV	5515	81427	2.02%	0.238%
225	15.420	15.398	15.444	VV	1272	17163	0.43%	0.050%
226	15.482	15.444	15.541	VV	1526	36112	0.90%	0.106%
227	15.562	15.541	15.598	VV	594	10387	0.26%	0.030%
228	15.623	15.598	15.650	PV	682	12324	0.31%	0.036%
229	15.672	15.650	15.705	VV	617	12394	0.31%	0.036%
230	15.758	15.705	15.835	VV	17047	286454	7.12%	0.838%
231	15.853	15.835	15.871	VV	627	7993	0.20%	0.023%
232	15.915	15.871	15.938	VV	3233	62212	1.55%	0.182%
233	15.980	15.938	16.018	VV	6315	111349	2.77%	0.326%
234	16.034	16.018	16.061	VV	859	12377	0.31%	0.036%
235	16.154	16.061	16.194	PV	1023	44351	1.10%	0.130%
236	16.217	16.194	16.255	VV	523	12044	0.30%	0.035%
237	16.278	16.255	16.311	VV	1113	19223	0.48%	0.056%
238	16.358	16.311	16.377	VV	805	18293	0.45%	0.053%
239	16.400	16.377	16.427	VV	1522	23583	0.59%	0.069%
240	16.462	16.427	16.511	VV	1701	31290	0.78%	0.091%
241	16.532	16.511	16.551	VV	338	4031	0.10%	0.012%
242	16.605	16.551	16.643	PV	374	14304	0.36%	0.042%
243	16.703	16.643	16.728	PV	2296	40236	1.00%	0.118%
244	16.773	16.728	16.834	VV	12357	225885	5.61%	0.661%
245	16.885	16.834	16.935	VV	8937	152924	3.80%	0.447%
246	16.968	16.935	16.995	VV	3511	51816	1.29%	0.152%

rteres

247	17.016	16.995	17.065	VV	1722	22869	0.57%	0.067%
248	17.206	17.065	17.232	PV	4203	73018	1.81%	0.214%
249	17.263	17.232	17.301	PV	5428	75775	1.88%	0.222%
250	17.355	17.301	17.381	VV	2400	58854	1.46%	0.172%
251	17.429	17.381	17.461	VV	6870	152666	3.79%	0.446%
252	17.505	17.461	17.535	PV	365	6447	0.16%	0.019%
253	17.621	17.535	17.657	PV	1493	37287	0.93%	0.109%
254	17.717	17.657	17.770	VV	22427	401917	9.99%	1.175%
255	17.802	17.770	17.835	VV	10499	165227	4.11%	0.483%
256	17.888	17.835	17.909	VV	1973	38294	0.95%	0.112%
257	17.932	17.909	17.960	VV	1216	24360	0.61%	0.071%
258	17.985	17.960	18.005	VV	647	11609	0.29%	0.034%
259	18.032	18.005	18.071	PV	607	13494	0.34%	0.039%
260	18.241	18.071	18.281	PV	4607	147327	3.66%	0.431%
261	18.330	18.281	18.385	VV	6738	120349	2.99%	0.352%
262	18.406	18.385	18.444	VV	1504	35225	0.88%	0.103%
263	18.482	18.444	18.519	VV	1781	44294	1.10%	0.130%
264	18.601	18.519	18.628	VV	14849	342496	8.51%	1.002%
265	18.664	18.628	18.701	VV	14439	304506	7.57%	0.890%
266	18.767	18.701	18.848	VV	3824	179643	4.46%	0.525%
267	18.892	18.848	18.935	VV	5695	114170	2.84%	0.334%
268	18.971	18.935	19.005	VV	1978	63389	1.58%	0.185%
269	19.070	19.005	19.131	VV	9562	264956	6.58%	0.775%
270	19.176	19.131	19.227	VV	9371	263915	6.56%	0.772%
271	19.247	19.227	19.267	VV	2982	57547	1.43%	0.168%
272	19.291	19.267	19.318	VV	2969	69320	1.72%	0.203%
273	19.376	19.318	19.391	VV	4307	127793	3.18%	0.374%
274	19.437	19.391	19.468	VV	23345	563169	14.00%	1.647%
275	19.485	19.468	19.521	VV	10599	271051	6.74%	0.793%
276	19.570	19.521	19.598	VV	8502	287545	7.15%	0.841%
277	19.621	19.598	19.648	VV	7638	184612	4.59%	0.540%
278	19.727	19.648	19.805	VV	15816	704196	17.50%	2.059%
279	19.860	19.805	19.880	VV	7750	280795	6.98%	0.821%
280	19.934	19.880	19.950	VV	11724	345537	8.59%	1.010%
281	19.970	19.950	20.005	VV	11958	296834	7.38%	0.868%
282	20.049	20.005	20.071	VV	9845	319057	7.93%	0.933%
283	20.229	20.071	20.304	VV	16269	1537328	38.21%	4.495%
284	20.335	20.304	20.350	VV	11624	306342	7.61%	0.896%
285	20.430	20.350	20.450	VV	15824	790374	19.64%	2.311%
286	20.555	20.450	20.578	VV	16666	1177788	29.27%	3.444%
287	20.775	20.578	20.815	VV	17626	2378719	59.12%	6.956%
288	20.964	20.815	21.078	VV	20225	2877441	71.51%	8.414%
289	21.086	21.078	21.125	VV	16570	447155	11.11%	1.308%
290	21.200	21.125	21.220	VV	15505	878003	21.82%	2.567%
291	21.274	21.220	21.337	VV	14652	993365	24.69%	2.905%
292	21.370	21.337	21.443	VV	12841	733432	18.23%	2.145%
293	21.541	21.443	21.565	VV	10484	739706	18.38%	2.163%
294	21.590	21.565	21.666	VV	10202	575060	14.29%	1.682%
295	21.684	21.666	21.808	VV	8192	623128	15.49%	1.822%
296	21.883	21.808	22.015	VV	6173	635767	15.80%	1.859%
297	22.104	22.015	22.184	VV	2782	200452	4.98%	0.586%

Sum of corrected areas: 34198311

Aliphatic EPH 062725.M Wed Jul 09 07:16:52 2025

CALIBRATION SUMMARY

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

Inital Calibration Report for SequenceID : FC061825AL

AreaCount

Parameter Range	FC069221.D	FC069222.D	FC069223.D	FC069224.D	FC069225.D	
Aliphatic C9-C12	42176071.000	20640977.000	8581963.000	4632454.000	2366353.000	
Aliphatic C12-C16	29735945.000	14914656.000	6266673.000	3402693.000	1714249.000	
Aliphatic C16-C21	42009240.000	21363842.000	9096606.000	5044763.000	2549195.000	
Aliphatic C21-C28	49153709.000	24681333.000	10474538.000	5764217.000	2970075.000	
Aliphatic C28-C40	51466619.000	25624553.000	10688039.000	5834277.000	3093728.000	
Aliphatic EPH	214541584.000	107225361.000	45107819.000	24678404.000	12693600.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	146679.6266662	6.053				
Aliphatic C12-C16	159210.532	6.932				
Aliphatic C16-C21	154434.3226664	9.092				
Aliphatic C21-C28	133966.3675	8.814				
Aliphatic C28-C40	92124.4166662	8.439				
Aliphatic EPH	128354.1601108	7.942				

Concentration

Parameter Range	FC069221.D	FC069222.D	FC069223.D	FC069224.D	FC069225.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	FC069221.D	FC069222.D	FC069223.D	FC069224.D	FC069225.D	
Aliphatic C9-C12	140586.903333	137606.513333	143032.716666	154415.133333	157756.866666	
Aliphatic C12-C16	148679.725000	149146.560000	156666.825000	170134.650000	171424.900000	
Aliphatic C16-C21	140030.800000	142425.613333	151610.100000	168158.766666	169946.333333	

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

Inital Calibration Report for SequenceID : FC061825AL

Aliphatic C21-C28	122884.272500	123406.665000	130931.725000	144105.425000	148503.750000	
Aliphatic C28-C40	85777.698333	85415.176666	89066.991666	97237.950000	103124.266666	
Aliphatic EPH	119189.768888	119139.290000	125299.497222	137102.244444	141040.000000	

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069221.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 11:17
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Jun 18 13:03:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 13:00:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	11.693	15986001	97.180 ug/ml
	Spiked Amount 50.000		Recovery = 194.36%	
12)	S 1-chlorooctadecane (S...	13.126	11916196	96.429 ug/ml
	Spiked Amount 50.000		Recovery = 192.86%	
	Target Compounds			
1)	T n-Nonane (C9)	3.414	13645652	99.307 ug/ml
2)	T n-Decane (C10)	4.488	14045970	99.234 ug/ml
3)	T A~Naphthalene (C11.7)	6.084	15351850	98.877 ug/ml
4)	T n-Dodecane (C12)	6.515	14484449	98.886 ug/ml
5)	T A~2-methylnaphthalene...	7.146	15098330	98.803 ug/ml
6)	T n-Tetradecane (C14)	8.315	14646111	97.954 ug/ml
7)	T n-Hexadecane (C16)	9.922	15089834	96.838 ug/ml
8)	T n-Octadecane (C18)	11.369	14862064	96.162 ug/ml
10)	T n-Eicosane (C20)	12.680	13798752	95.895 ug/ml
11)	T n-Heneicosane (C21)	13.294	13348424	96.021 ug/ml
13)	T n-Docosane (C22)	13.881	13057210	96.175 ug/ml
14)	T n-Tetracosane (C24)	14.986	12613064	96.664 ug/ml
15)	T n-Hexacosane (C26)	16.008	12075116	97.240 ug/ml
16)	T n-Octacosane (C28)	16.960	11408319	97.337 ug/ml
17)	T n-Tricontane (C30)	17.849	10984628	97.402 ug/ml
18)	T n-Dotriacontane (C32)	18.683	10087033	97.565 ug/ml
19)	T n-Tetratriacontane (C34)	19.468	8976674	97.988 ug/ml
20)	T n-Hexatriacontane (C36)	20.209	7711070	98.564 ug/ml
21)	T n-Octatriacontane (C38)	20.980	7003730	98.486 ug/ml
22)	T n-Tetracontane (C40)	21.951	6703484	99.440 ug/ml

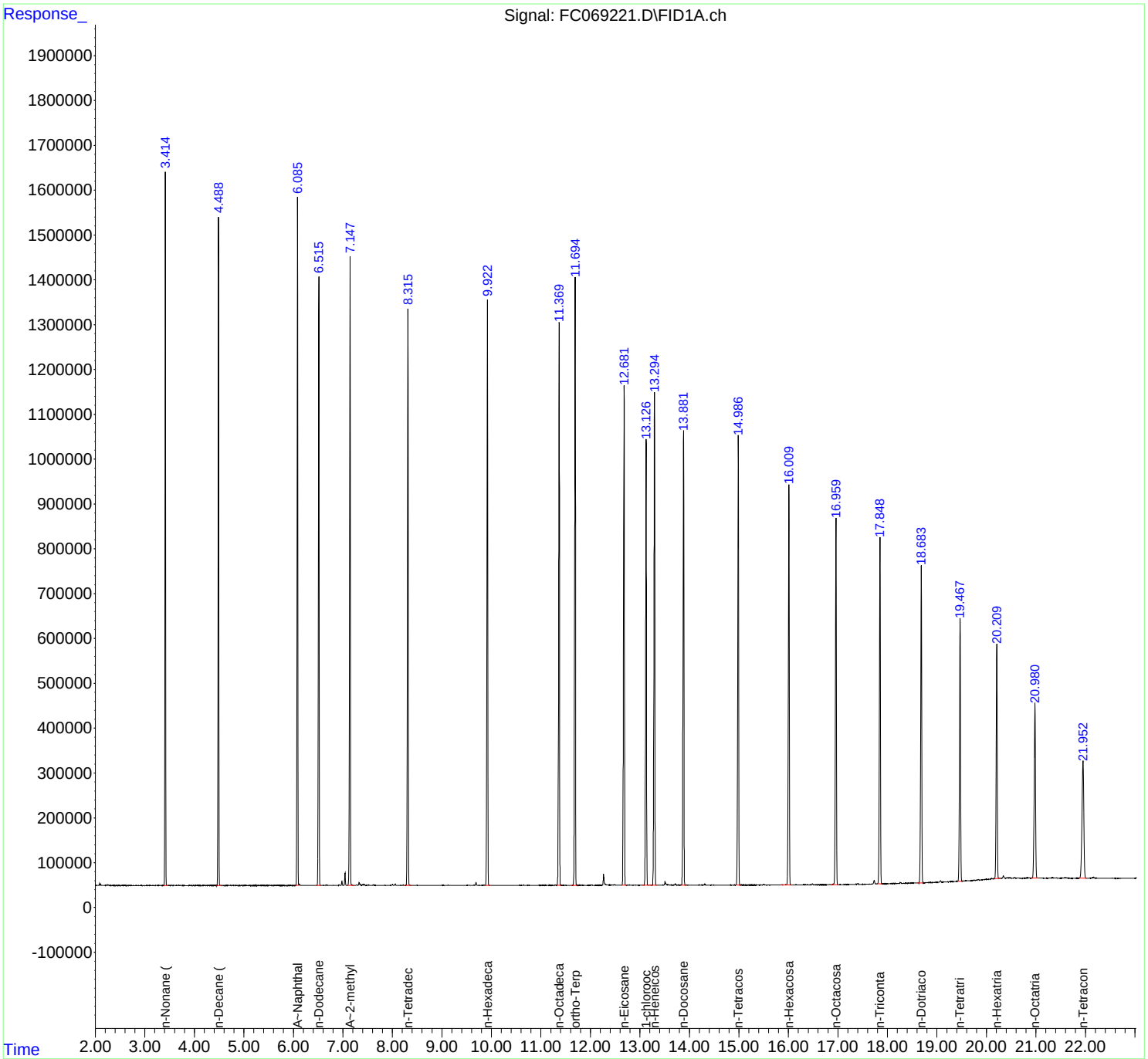
(f)=RT Delta > 1/2 Window (m)=manual int.

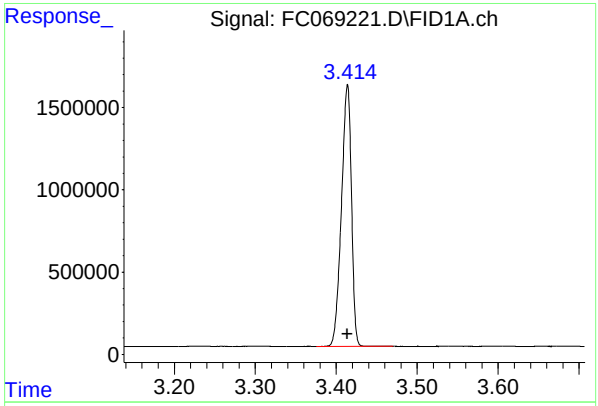
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069221.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 11:17
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Jun 18 13:03:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 13:00:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

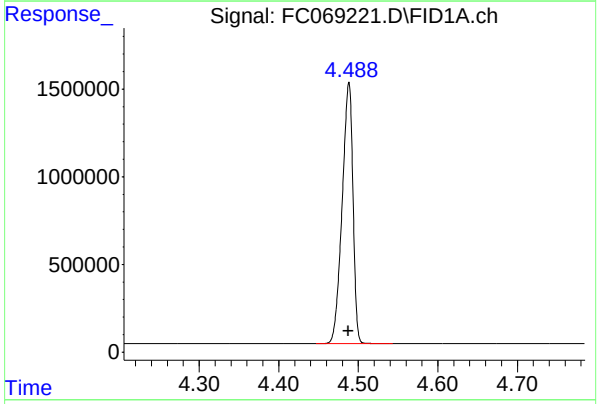




#1 n-Nonane (C9)

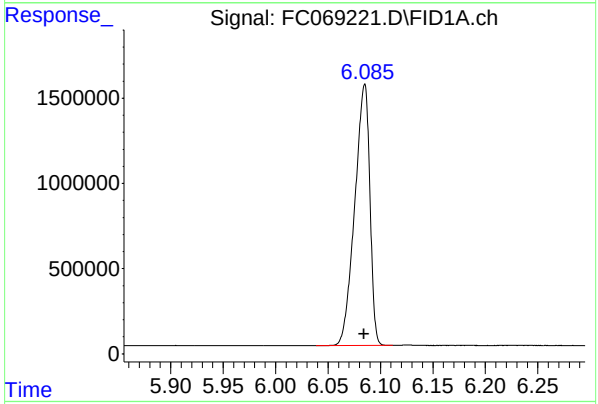
R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 13645652
Conc: 99.31 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



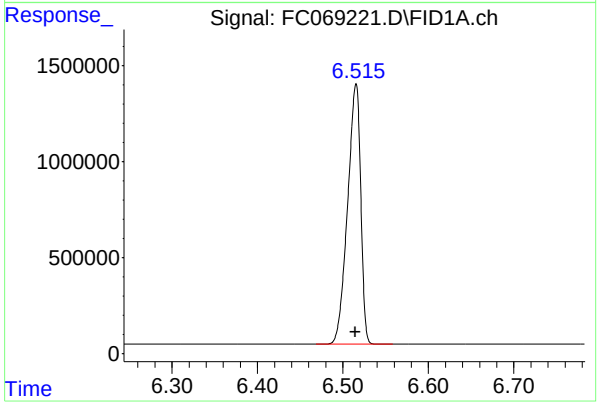
#2 n-Decane (C10)

R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 14045970
Conc: 99.23 ug/ml



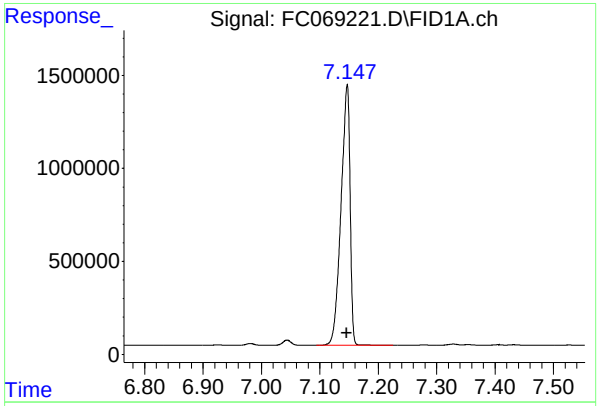
#3 A~Naphthalene (C11.7)

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 15351850
Conc: 98.88 ug/ml



#4 n-Dodecane (C12)

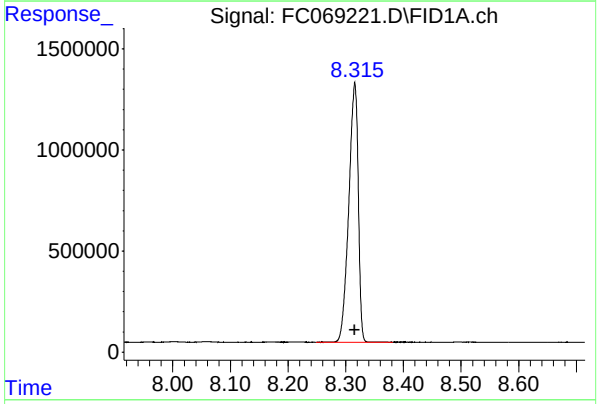
R.T.: 6.515 min
Delta R.T.: 0.000 min
Response: 14484449
Conc: 98.89 ug/ml



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

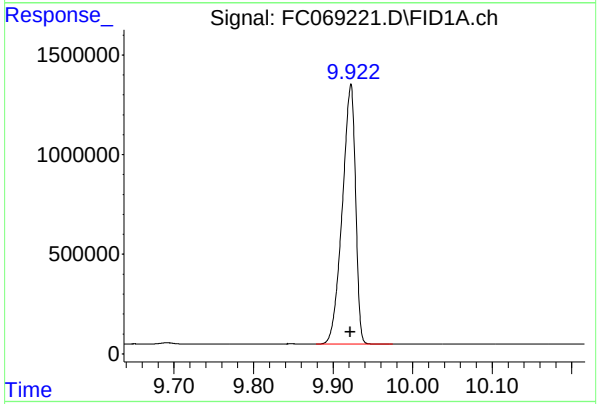
R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 15098330
Conc: 98.80 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



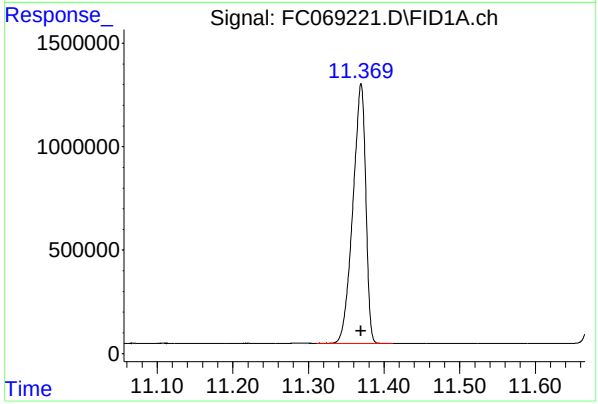
#6 n-Tetradecane (C14)

R.T.: 8.315 min
Delta R.T.: 0.000 min
Response: 14646111
Conc: 97.95 ug/ml



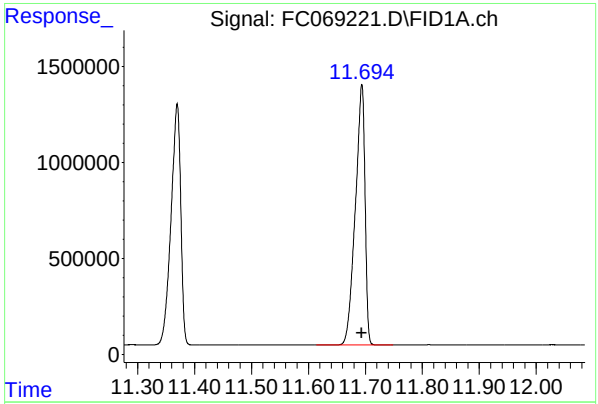
#7 n-Hexadecane (C16)

R.T.: 9.922 min
Delta R.T.: 0.000 min
Response: 15089834
Conc: 96.84 ug/ml



#8 n-Octadecane (C18)

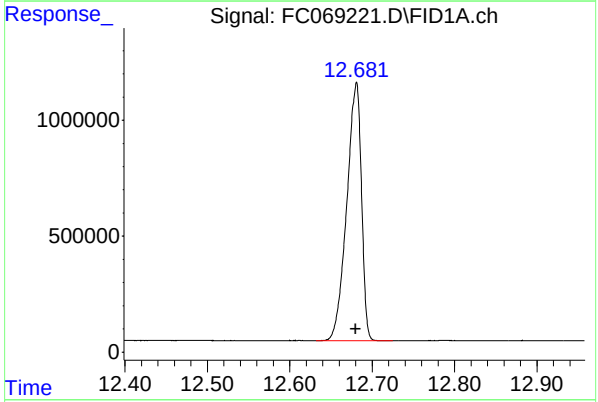
R.T.: 11.369 min
Delta R.T.: 0.000 min
Response: 14862064
Conc: 96.16 ug/ml



#9 ortho-Terphenyl (SURR)

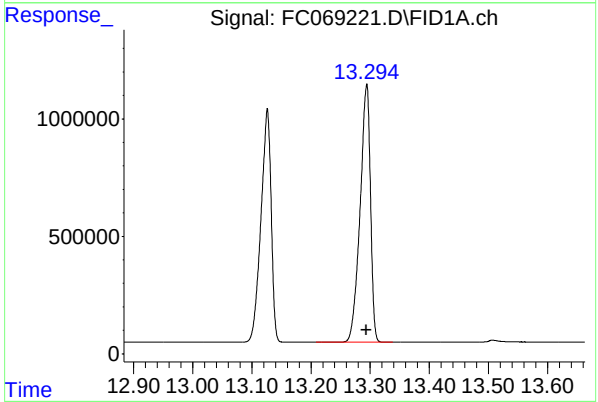
R.T.: 11.693 min
Delta R.T.: 0.000 min
Response: 15986001
Conc: 97.18 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



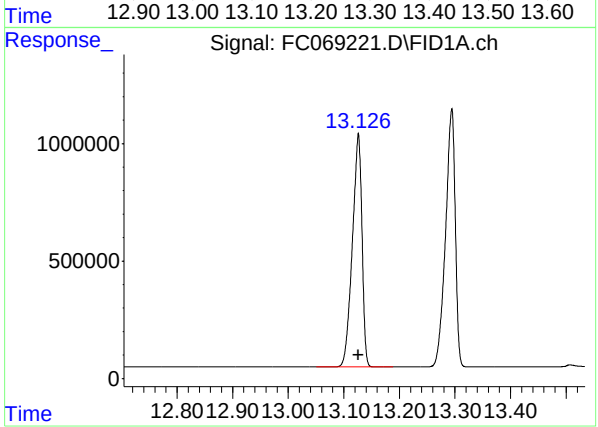
#10 n-Eicosane (C20)

R.T.: 12.680 min
Delta R.T.: 0.000 min
Response: 13798752
Conc: 95.90 ug/ml



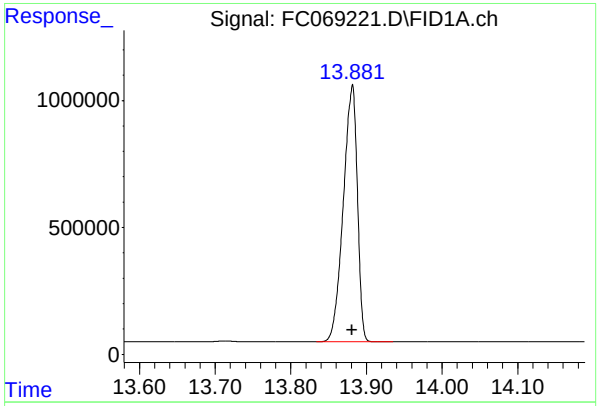
#11 n-Heneicosane (C21)

R.T.: 13.294 min
Delta R.T.: 0.000 min
Response: 13348424
Conc: 96.02 ug/ml



#12 1-chlorooctadecane (SURR)

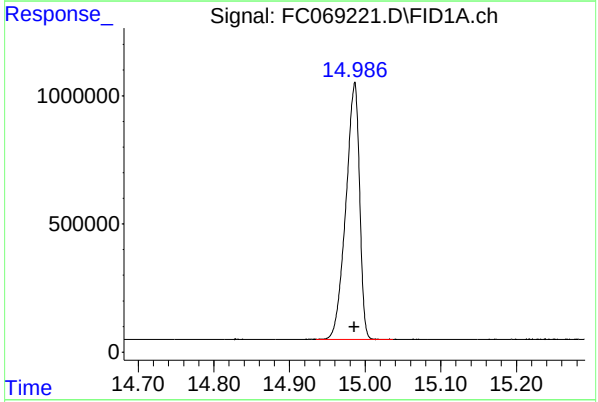
R.T.: 13.126 min
Delta R.T.: 0.000 min
Response: 11916196
Conc: 96.43 ug/ml



#13 n-Docosane (C22)

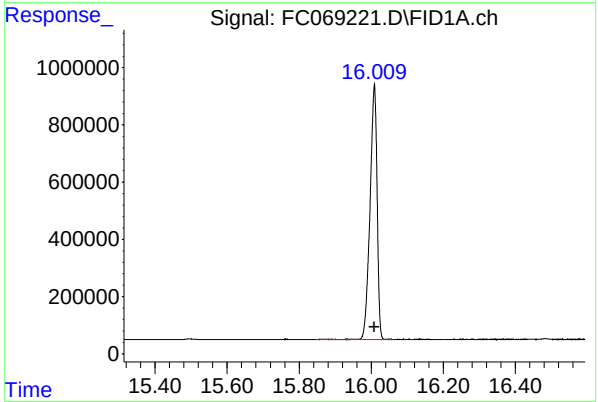
R.T.: 13.881 min
Delta R.T.: 0.000 min
Response: 13057210
Conc: 96.17 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



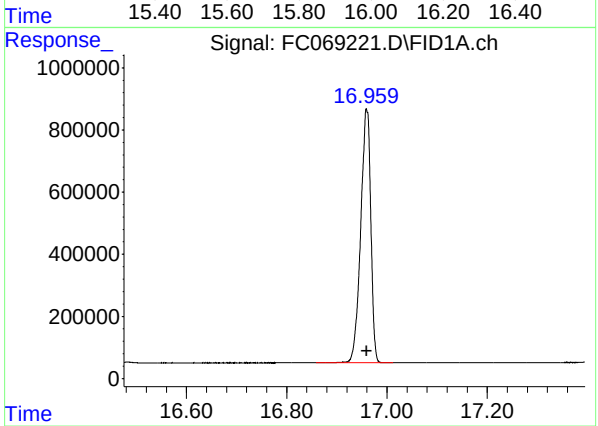
#14 n-Tetracosane (C24)

R.T.: 14.986 min
Delta R.T.: 0.000 min
Response: 12613064
Conc: 96.66 ug/ml



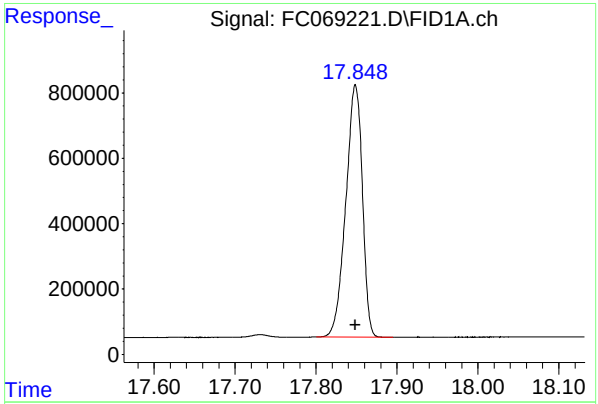
#15 n-Hexacosane (C26)

R.T.: 16.008 min
Delta R.T.: 0.000 min
Response: 12075116
Conc: 97.24 ug/ml



#16 n-Octacosane (C28)

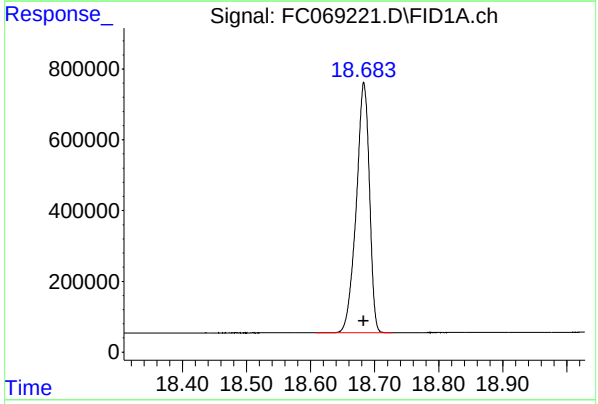
R.T.: 16.960 min
Delta R.T.: 0.000 min
Response: 11408319
Conc: 97.34 ug/ml



#17 n-Tricontane (C30)

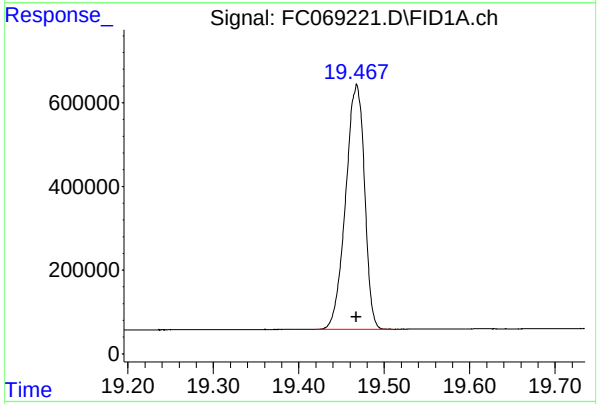
R.T.: 17.849 min
Delta R.T.: 0.000 min
Response: 10984628
Conc: 97.40 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



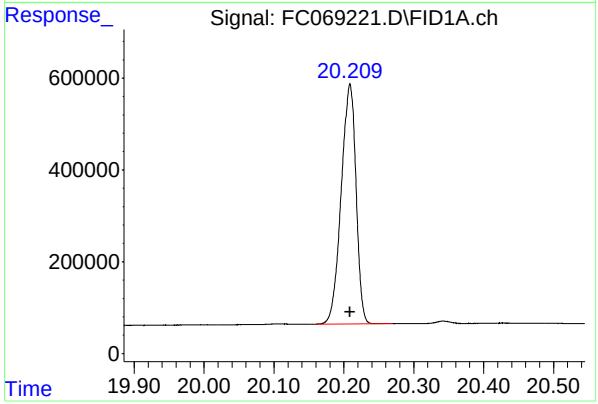
#18 n-Dotriacontane (C32)

R.T.: 18.683 min
Delta R.T.: 0.000 min
Response: 10087033
Conc: 97.56 ug/ml



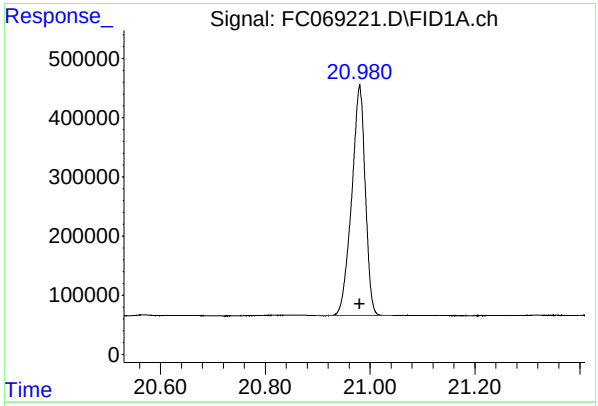
#19 n-Tetratriacontane (C34)

R.T.: 19.468 min
Delta R.T.: 0.000 min
Response: 8976674
Conc: 97.99 ug/ml



#20 n-Hexatriacontane (C36)

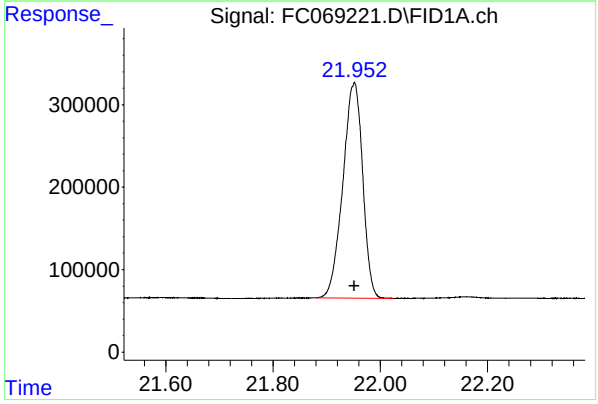
R.T.: 20.209 min
Delta R.T.: 0.000 min
Response: 7711070
Conc: 98.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.980 min
Delta R.T.: 0.000 mi
Response: 7003730
Conc: 98.49 ug/m

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.951 min
Delta R.T.: 0.000 min
Response: 6703484
Conc: 99.44 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069221.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 11:17
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.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	3.414	3.375	3.470	BB	1589425	13645652	85.36%	5.000%
2	4.488	4.447	4.543	BB	1501566	14045970	87.86%	5.147%
3	6.084	6.038	6.112	BV	1547258	15351850	96.03%	5.626%
4	6.515	6.468	6.558	BB	1360162	14484449	90.61%	5.308%
5	7.146	7.093	7.225	BB	1411463	15098330	94.45%	5.533%
6	8.315	8.248	8.382	BB	1279328	14646111	91.62%	5.367%
7	9.922	9.878	9.975	BB	1299249	15089834	94.39%	5.530%
8	11.369	11.310	11.412	BB	1250407	14862064	92.97%	5.446%
9	11.693	11.613	11.748	BB	1361720	15986001	100.00%	5.858%
10	12.680	12.632	12.725	BB	1105551	13798752	86.32%	5.056%
11	13.126	13.050	13.188	BB	986163	11916196	74.54%	4.367%
12	13.294	13.208	13.338	BB	1091366	13348424	83.50%	4.891%
13	13.881	13.833	13.935	BB	997311	13057210	81.68%	4.785%
14	14.986	14.935	15.037	BB	992019	12613064	78.90%	4.622%
15	16.008	15.847	16.060	BB	889459	12075116	75.54%	4.425%
16	16.960	16.858	17.012	BB	811298	11408319	71.36%	4.180%
17	17.849	17.800	17.895	BB	772421	10984628	68.71%	4.025%
18	18.683	18.608	18.728	BB	706729	10087033	63.10%	3.696%
19	19.468	19.420	19.510	BB	581252	8976674	56.15%	3.289%
20	20.209	20.160	20.270	BB	522339	7711070	48.24%	2.826%
21	20.980	20.897	21.043	BB	389701	7003730	43.81%	2.566%
22	21.951	21.880	22.023	BB	262169	6703484	41.93%	2.456%
			Sum of corrected areas:			272893962		

Aliphatic EPH 061825.M Wed Jun 18 14:39:06 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069222.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 11:58
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Jun 18 13:04:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 13:00:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.686	8035113	49.225 ug/ml
Spiked Amount	50.000		Recovery =	98.45%
12) S	1-chlorooctadecane (S...	13.120	6029490	49.188 ug/ml
Spiked Amount	50.000		Recovery =	98.38%
	Target Compounds			
1) T	n-Nonane (C9)	3.410	6643725	48.888 ug/ml
2) T	n-Decane (C10)	4.483	6866535	48.998 ug/ml
3) T	A~Naphthalene (C11.7)	6.079	7502425	48.868 ug/ml
4) T	n-Dodecane (C12)	6.510	7130717	49.113 ug/ml
5) T	A~2-methylnaphthalene...	7.140	7422117	49.038 ug/ml
6) T	n-Tetradecane (C14)	8.310	7295732	49.190 ug/ml
7) T	n-Hexadecane (C16)	9.916	7618924	49.257 ug/ml
8) T	n-Octadecane (C18)	11.362	7565304	49.295 ug/ml
10) T	n-Eicosane (C20)	12.673	7024996	49.208 ug/ml
11) T	n-Heneicosane (C21)	13.287	6773542	49.143 ug/ml
13) T	n-Docosane (C22)	13.874	6604673	49.090 ug/ml
14) T	n-Tetracosane (C24)	14.980	6337022	49.034 ug/ml
15) T	n-Hexacosane (C26)	16.002	6031220	49.037 ug/ml
16) T	n-Octacosane (C28)	16.954	5708418	49.129 ug/ml
17) T	n-Tricontane (C30)	17.843	5495136	49.144 ug/ml
18) T	n-Dotriacontane (C32)	18.677	5055272	49.259 ug/ml
19) T	n-Tetratriacontane (C34)	19.461	4482554	49.282 ug/ml
20) T	n-Hexatriacontane (C36)	20.203	3834019	49.334 ug/ml
21) T	n-Octatriacontane (C38)	20.973	3467597	49.167 ug/ml
22) T	n-Tetracontane (C40)	21.942	3289975	49.196 ug/ml

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

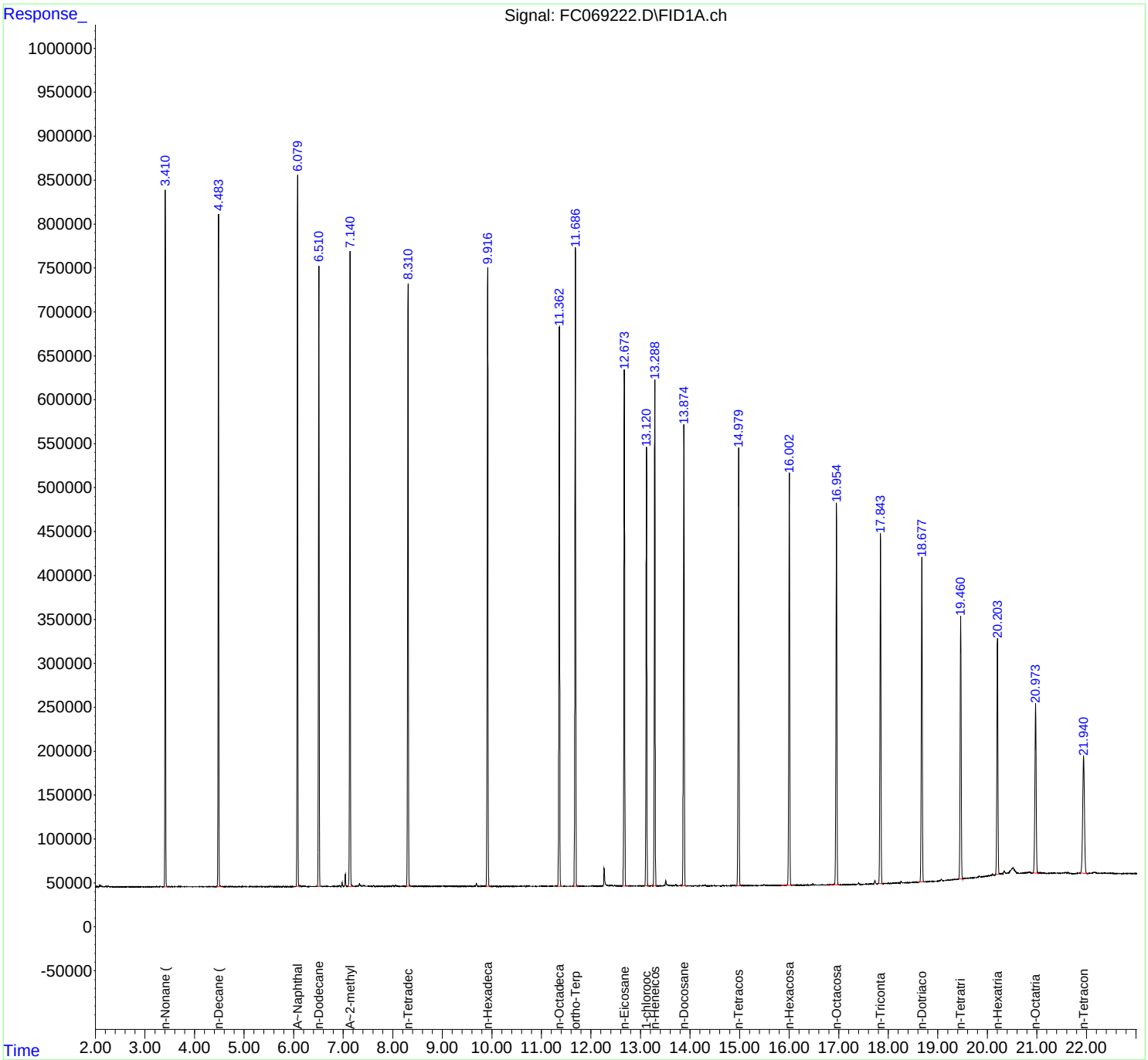
Quantitation Report (QT Reviewed)

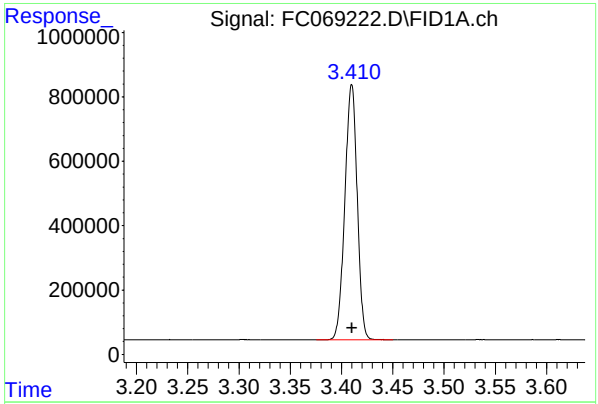
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069222.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 11:58
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Jun 18 13:04:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 13:00:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

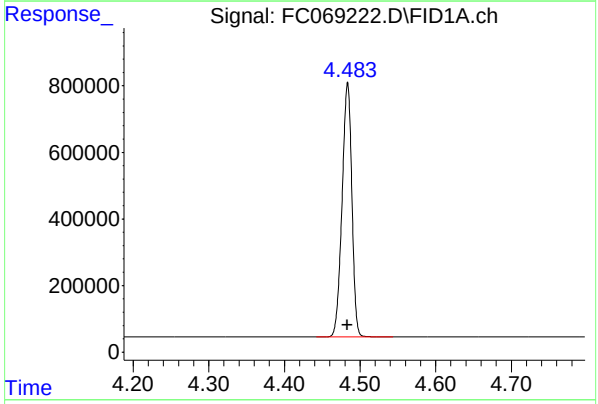




#1 n-Nonane (C9)

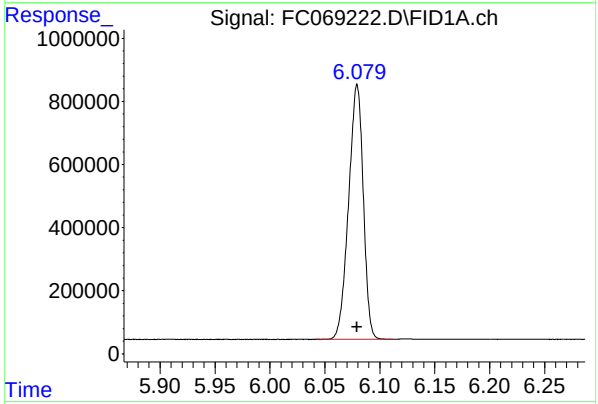
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 6643725
Conc: 48.89 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



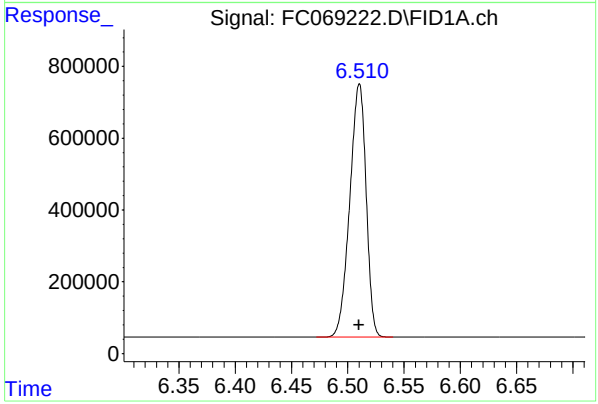
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: 0.000 min
Response: 6866535
Conc: 49.00 ug/ml



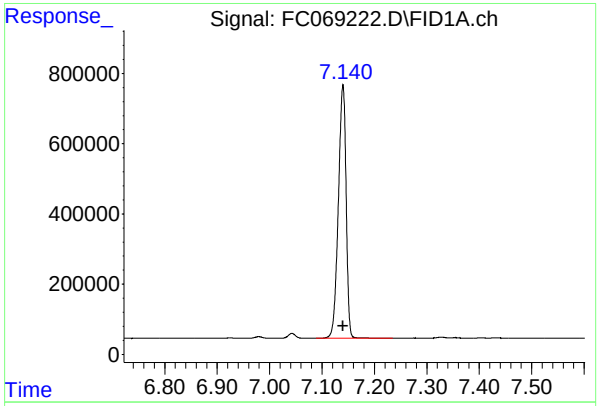
#3 A~Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 7502425
Conc: 48.87 ug/ml



#4 n-Dodecane (C12)

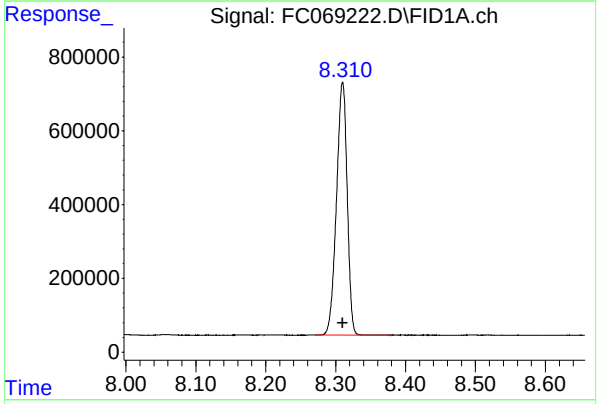
R.T.: 6.510 min
Delta R.T.: 0.000 min
Response: 7130717
Conc: 49.11 ug/ml



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

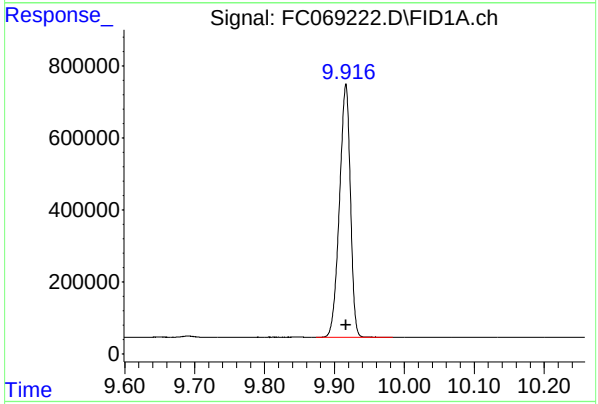
R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 7422117
Conc: 49.04 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



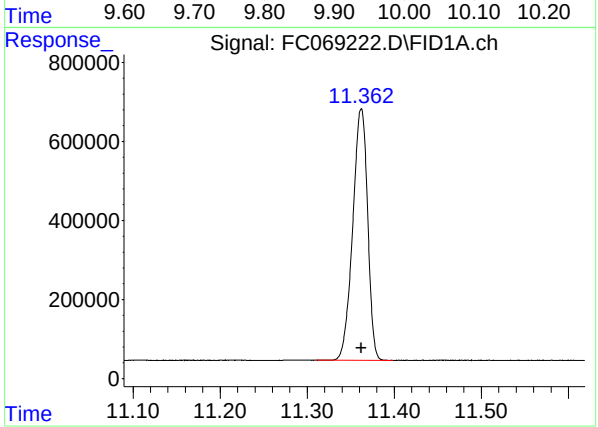
#6 n-Tetradecane (C14)

R.T.: 8.310 min
Delta R.T.: 0.000 min
Response: 7295732
Conc: 49.19 ug/ml



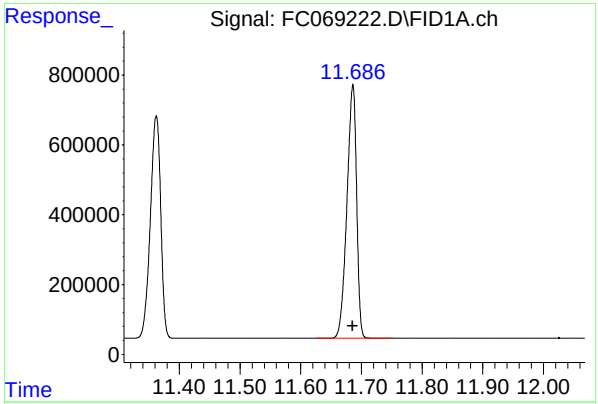
#7 n-Hexadecane (C16)

R.T.: 9.916 min
Delta R.T.: 0.000 min
Response: 7618924
Conc: 49.26 ug/ml



#8 n-Octadecane (C18)

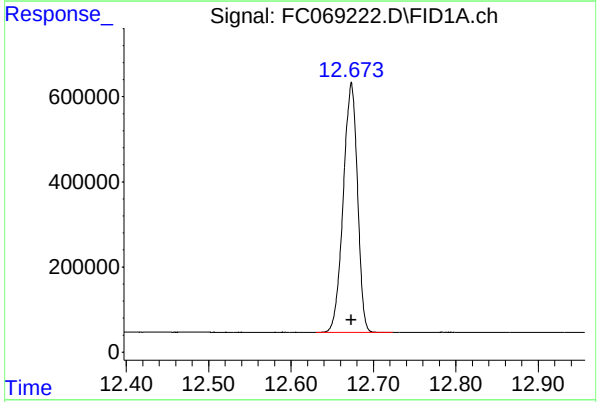
R.T.: 11.362 min
Delta R.T.: 0.000 min
Response: 7565304
Conc: 49.29 ug/ml



#9 ortho-Terphenyl (SURR)

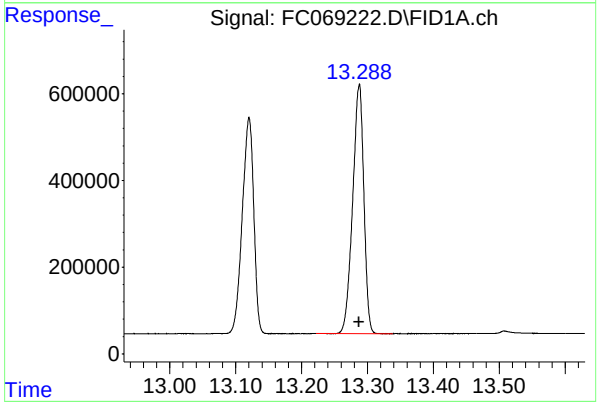
R.T.: 11.686 min
Delta R.T.: 0.000 min
Response: 8035113
Conc: 49.22 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



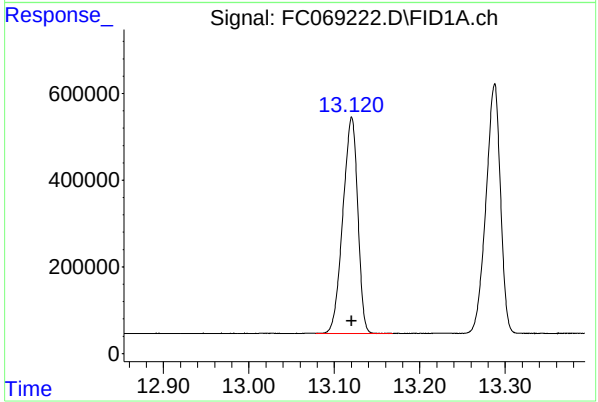
#10 n-Eicosane (C20)

R.T.: 12.673 min
Delta R.T.: 0.000 min
Response: 7024996
Conc: 49.21 ug/ml



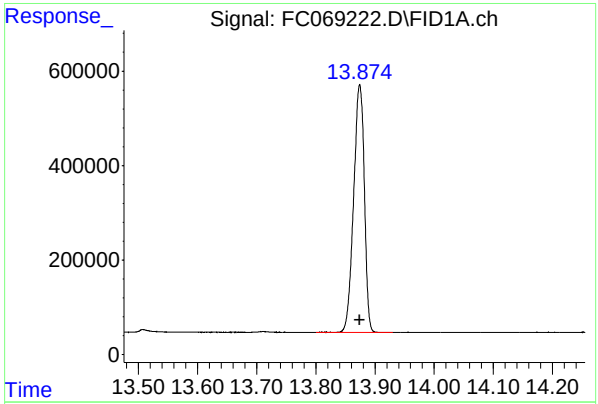
#11 n-Heneicosane (C21)

R.T.: 13.287 min
Delta R.T.: 0.000 min
Response: 6773542
Conc: 49.14 ug/ml



#12 1-chlorooctadecane (SURR)

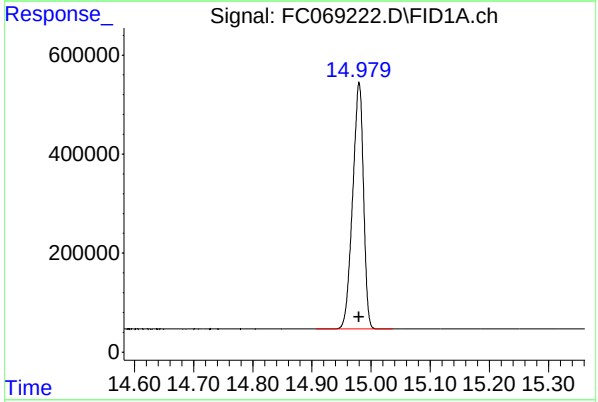
R.T.: 13.120 min
Delta R.T.: 0.000 min
Response: 6029490
Conc: 49.19 ug/ml



#13 n-Docosane (C22)

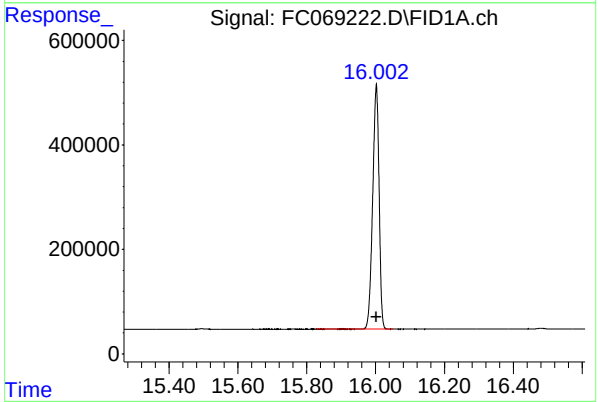
R.T.: 13.874 min
Delta R.T.: 0.000 min
Response: 6604673
Conc: 49.09 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



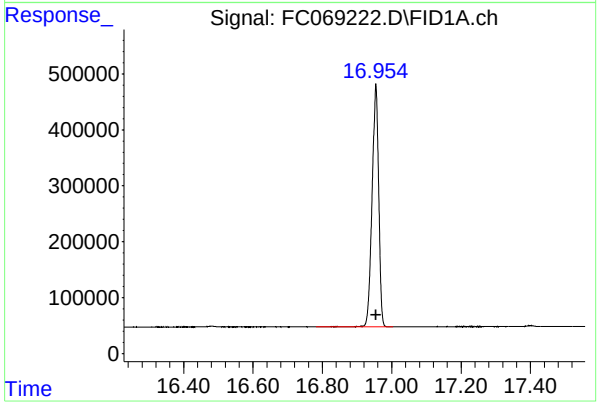
#14 n-Tetracosane (C24)

R.T.: 14.980 min
Delta R.T.: 0.000 min
Response: 6337022
Conc: 49.03 ug/ml



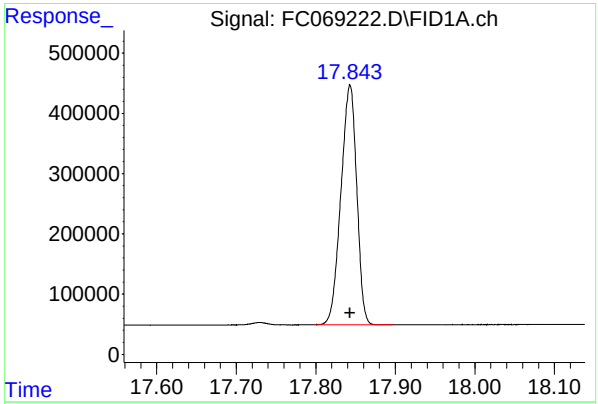
#15 n-Hexacosane (C26)

R.T.: 16.002 min
Delta R.T.: 0.000 min
Response: 6031220
Conc: 49.04 ug/ml



#16 n-Octacosane (C28)

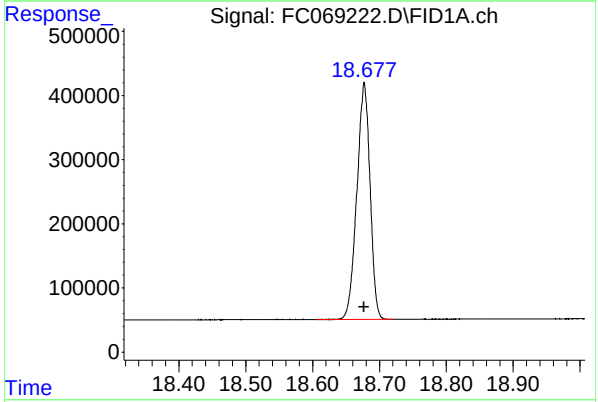
R.T.: 16.954 min
Delta R.T.: 0.000 min
Response: 5708418
Conc: 49.13 ug/ml



#17 n-Tricontane (C30)

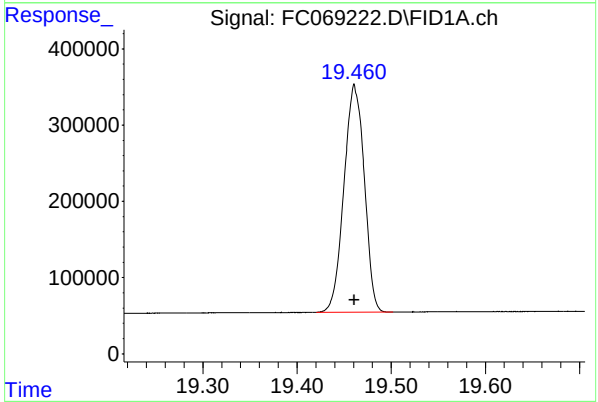
R.T.: 17.843 min
Delta R.T.: 0.000 min
Response: 5495136
Conc: 49.14 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



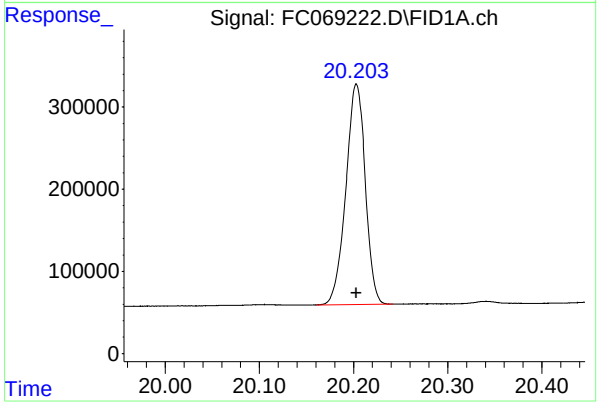
#18 n-Dotriacontane (C32)

R.T.: 18.677 min
Delta R.T.: 0.000 min
Response: 5055272
Conc: 49.26 ug/ml



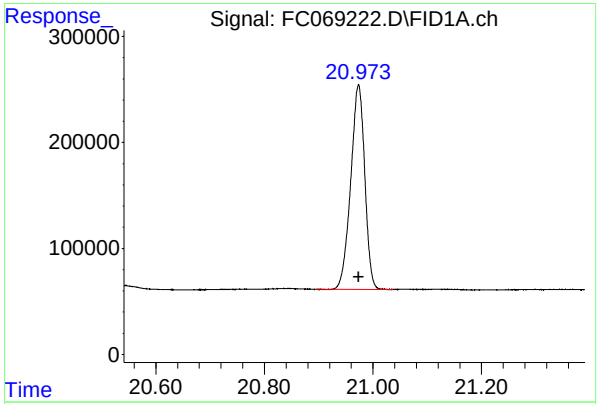
#19 n-Tetratriacontane (C34)

R.T.: 19.461 min
Delta R.T.: 0.000 min
Response: 4482554
Conc: 49.28 ug/ml



#20 n-Hexatriacontane (C36)

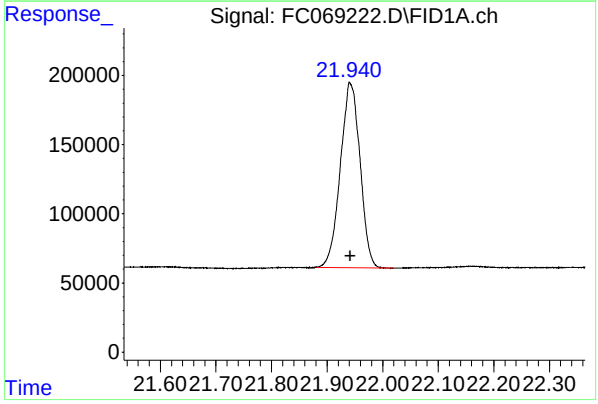
R.T.: 20.203 min
Delta R.T.: 0.000 min
Response: 3834019
Conc: 49.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.973 min
Delta R.T.: 0.000 mi
Response: 3467597
Conc: 49.17 ug/m

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.942 min
Delta R.T.: 0.000 min
Response: 3289975
Conc: 49.20 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069222.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 11:58
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.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	3.410	3.375	3.450	BB	795544	6643725	82.68%	4.877%
2	4.483	4.442	4.544	BB	766141	6866535	85.46%	5.041%
3	6.079	6.042	6.112	BV	806752	7502425	93.37%	5.508%
4	6.510	6.472	6.540	BB	707214	7130717	88.74%	5.235%
5	7.140	7.089	7.235	BB	725635	7422117	92.37%	5.449%
6	8.310	8.272	8.382	BB	687407	7295732	90.80%	5.356%
7	9.916	9.874	9.984	BB	709129	7618924	94.82%	5.593%
8	11.362	11.310	11.399	BB	636170	7565304	94.15%	5.554%
9	11.686	11.625	11.752	BB	723509	8035113	100.00%	5.899%
10	12.673	12.630	12.724	BB	588442	7024996	87.43%	5.157%
11	13.120	13.079	13.169	BB	499809	6029490	75.04%	4.426%
12	13.287	13.222	13.339	BB	572639	6773542	84.30%	4.973%
13	13.874	13.800	13.930	BB	524181	6604673	82.20%	4.849%
14	14.980	14.907	15.037	BB	498100	6337022	78.87%	4.652%
15	16.002	15.827	16.050	BB	468957	6031220	75.06%	4.428%
16	16.954	16.782	17.004	BB	434550	5708418	71.04%	4.191%
17	17.843	17.800	17.897	BB	398209	5495136	68.39%	4.034%
18	18.677	18.605	18.720	BB	369601	5055272	62.91%	3.711%
19	19.461	19.420	19.502	BB	293442	4482554	55.79%	3.291%
20	20.203	20.160	20.242	BB	267926	3834019	47.72%	2.815%
21	20.973	20.895	21.037	BB	193429	3467597	43.16%	2.546%
22	21.942	21.880	22.019	BB	132645	3289975	40.94%	2.415%

Sum of corrected areas: 136214504

Aliphatic EPH 061825.M Wed Jun 18 14:38:30 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069223.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 12:39
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Jun 18 13:01:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 13:00:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.680	3382762	20.000 ug/ml
Spiked Amount	50.000		Recovery =	40.00%
12) S	1-chlorooctadecane (S...	13.116	2559732	20.000 ug/ml
Spiked Amount	50.000		Recovery =	40.00%
	Target Compounds			
1) T	n-Nonane (C9)	3.410	2767240	20.000 ug/ml
2) T	n-Decane (C10)	4.482	2852554	20.000 ug/ml
3) T	A~Naphthalene (C11.7)	6.077	3140084	20.000 ug/ml
4) T	n-Dodecane (C12)	6.507	2962169	20.000 ug/ml
5) T	A~2-methylnaphthalene...	7.136	3092803	20.000 ug/ml
6) T	n-Tetradecane (C14)	8.307	3051599	20.000 ug/ml
7) T	n-Hexadecane (C16)	9.912	3215074	20.000 ug/ml
8) T	n-Octadecane (C18)	11.357	3209683	20.000 ug/ml
10) T	n-Eicosane (C20)	12.670	2996001	20.000 ug/ml
11) T	n-Heneicosane (C21)	13.283	2890922	20.000 ug/ml
13) T	n-Docosane (C22)	13.871	2819173	20.000 ug/ml
14) T	n-Tetracosane (C24)	14.976	2696756	20.000 ug/ml
15) T	n-Hexacosane (C26)	15.999	2552119	20.000 ug/ml
16) T	n-Octacosane (C28)	16.950	2406490	20.000 ug/ml
17) T	n-Tricontane (C30)	17.839	2314105	20.000 ug/ml
18) T	n-Dotriacontane (C32)	18.674	2118123	20.000 ug/ml
19) T	n-Tetratriacontane (C34)	19.459	1869078	20.000 ug/ml
20) T	n-Hexatriacontane (C36)	20.200	1587141	20.000 ug/ml
21) T	n-Octatriacontane (C38)	20.969	1443800	20.000 ug/ml
22) T	n-Tetracontane (C40)	21.938	1355792	20.000 ug/ml

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

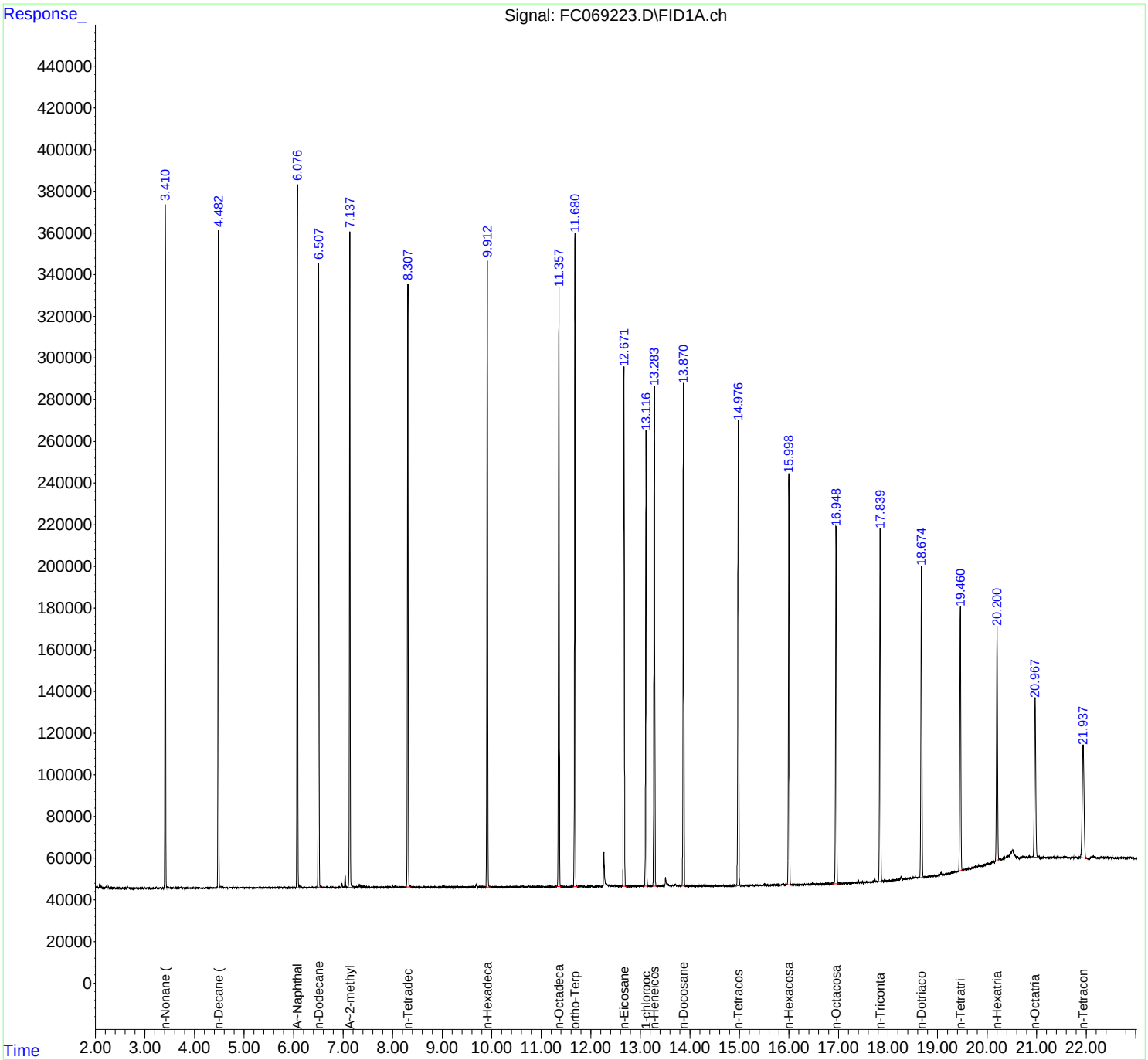
Quantitation Report (QT Reviewed)

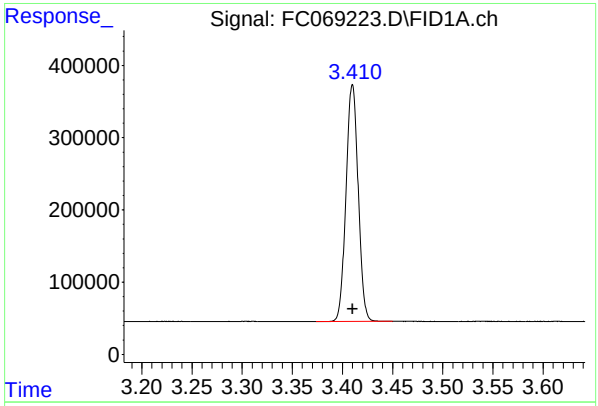
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069223.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 12:39
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Jun 18 13:01:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 13:00:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

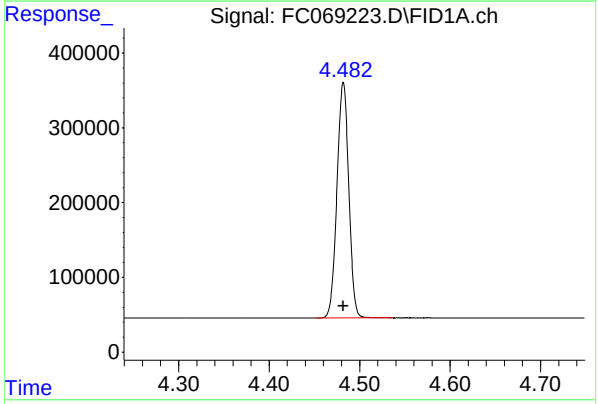




#1 n-Nonane (C9)

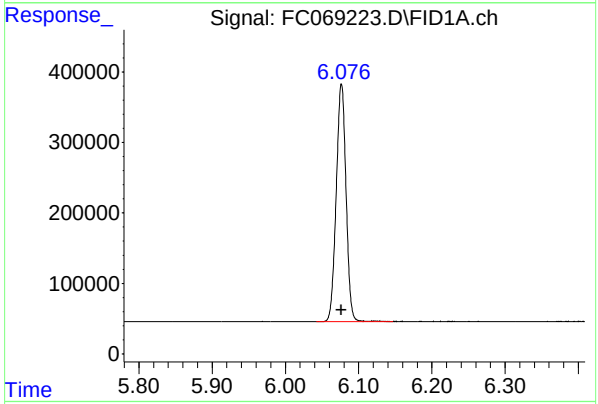
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 2767240
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



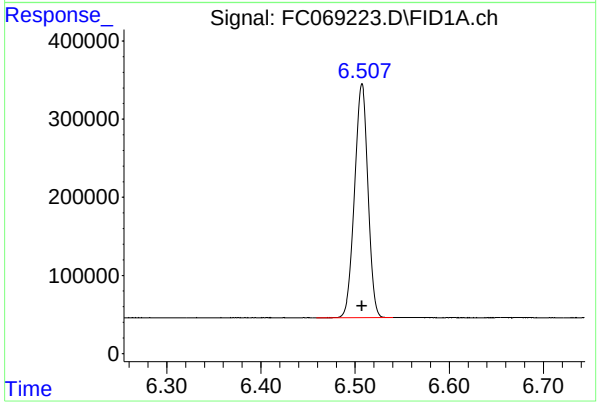
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 2852554
Conc: 20.00 ug/ml



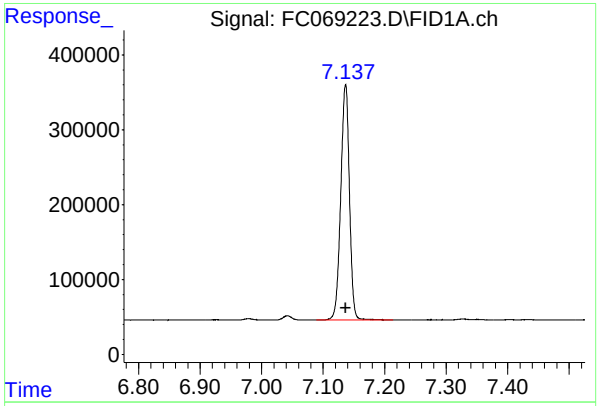
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 3140084
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

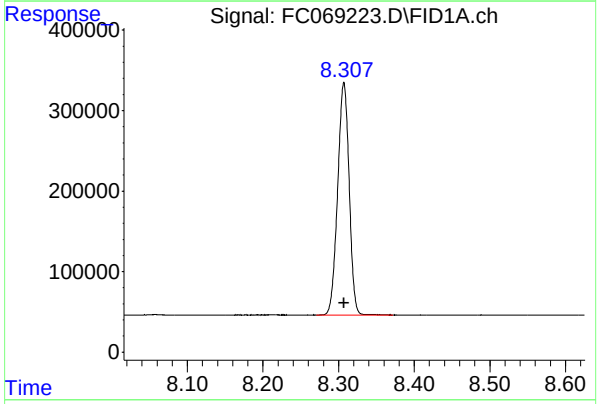
R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 2962169
Conc: 20.00 ug/ml



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

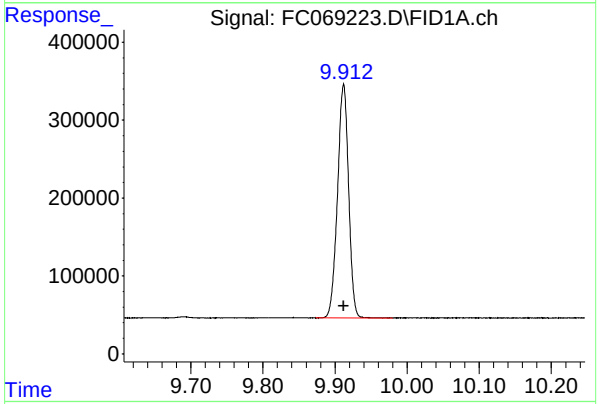
R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 3092803
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



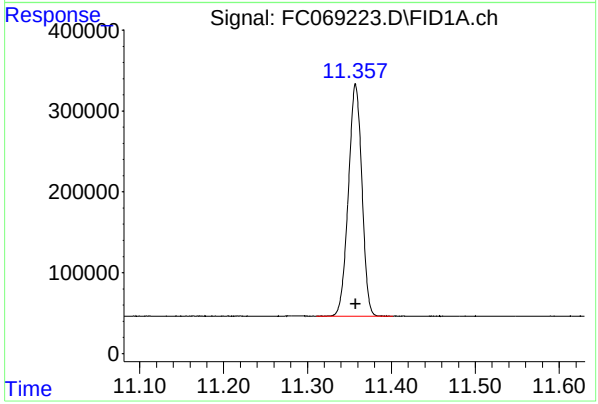
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: 0.000 min
Response: 3051599
Conc: 20.00 ug/ml



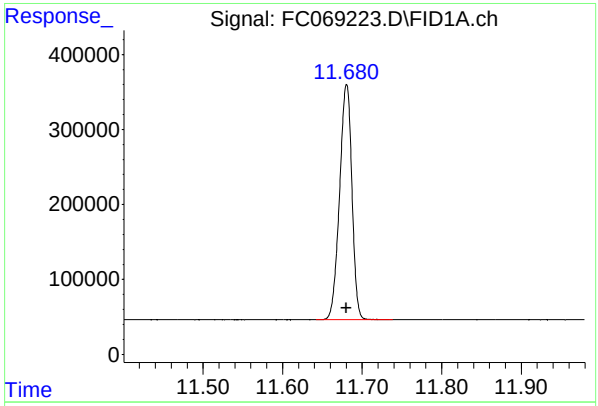
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: 0.000 min
Response: 3215074
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

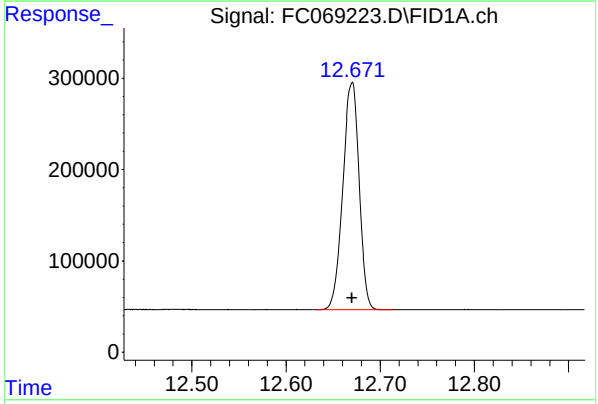
R.T.: 11.357 min
Delta R.T.: 0.000 min
Response: 3209683
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

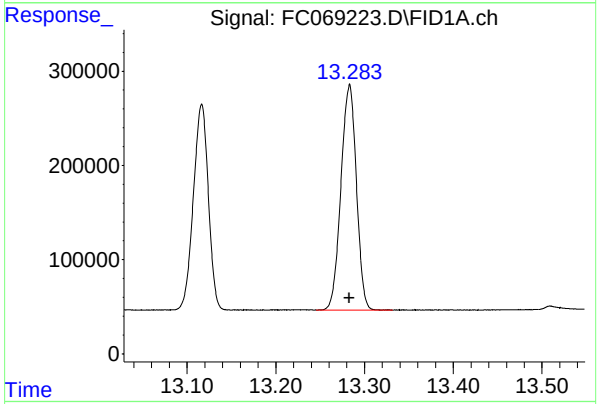
R.T.: 11.680 min
Delta R.T.: 0.000 min
Response: 3382762
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



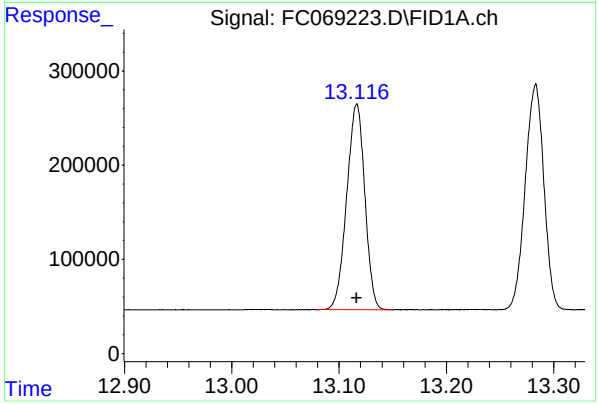
#10 n-Eicosane (C20)

R.T.: 12.670 min
Delta R.T.: 0.000 min
Response: 2996001
Conc: 20.00 ug/ml



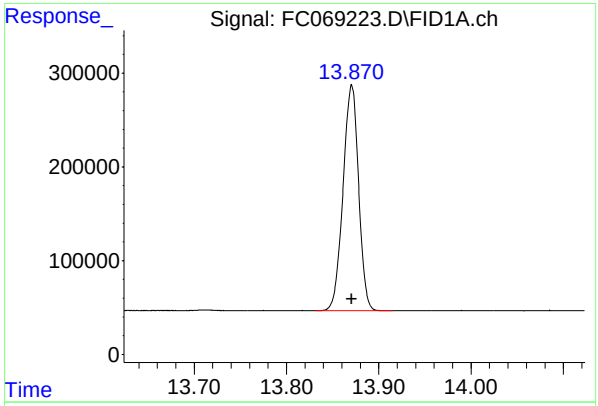
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: 0.000 min
Response: 2890922
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

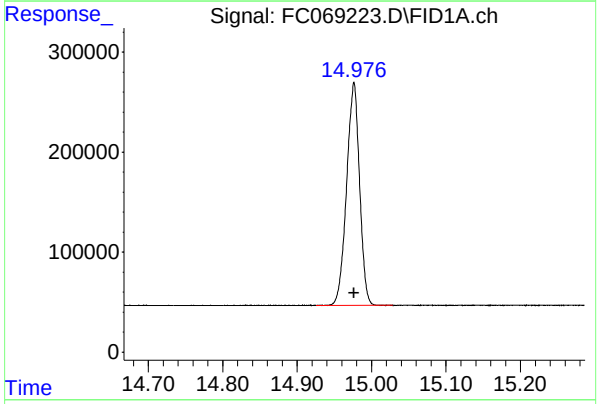
R.T.: 13.116 min
Delta R.T.: 0.000 min
Response: 2559732
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

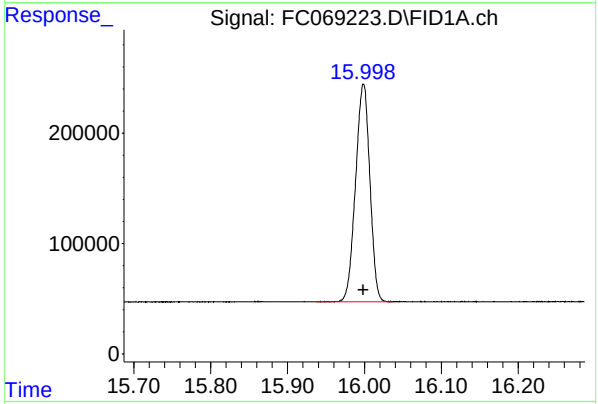
R.T.: 13.871 min
Delta R.T.: 0.000 min
Response: 2819173
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



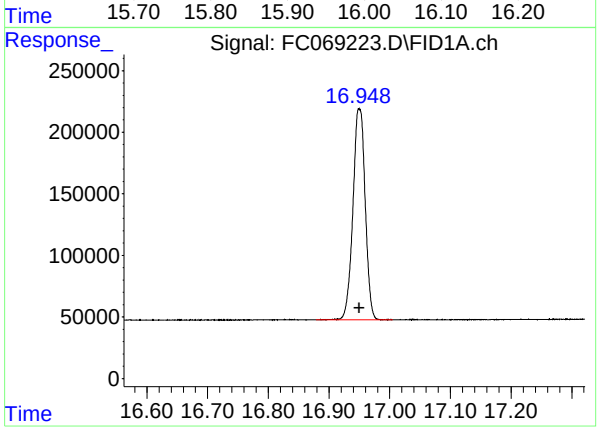
#14 n-Tetracosane (C24)

R.T.: 14.976 min
Delta R.T.: 0.000 min
Response: 2696756
Conc: 20.00 ug/ml



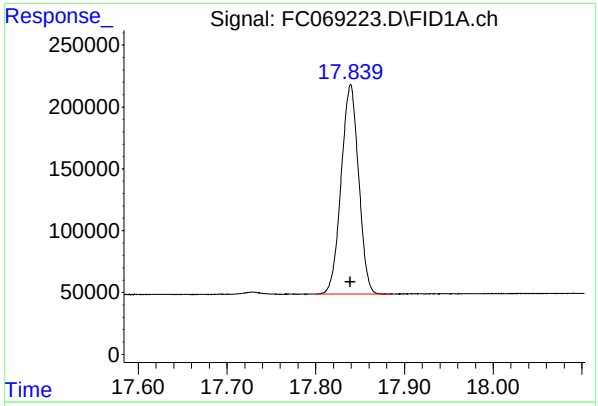
#15 n-Hexacosane (C26)

R.T.: 15.999 min
Delta R.T.: 0.000 min
Response: 2552119
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

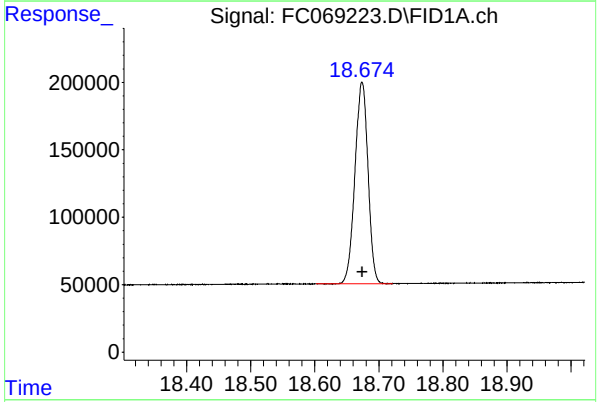
R.T.: 16.950 min
Delta R.T.: 0.000 min
Response: 2406490
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

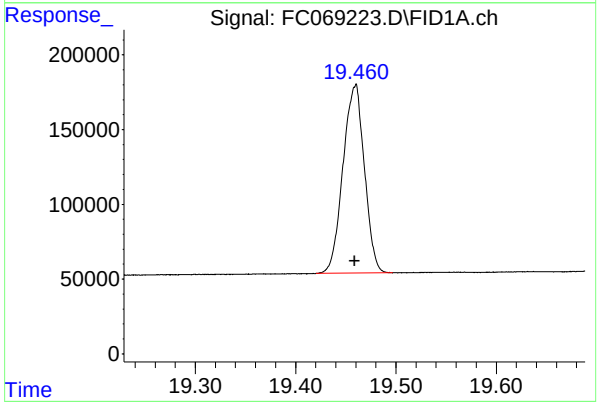
R.T.: 17.839 min
Delta R.T.: 0.000 min
Response: 2314105
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



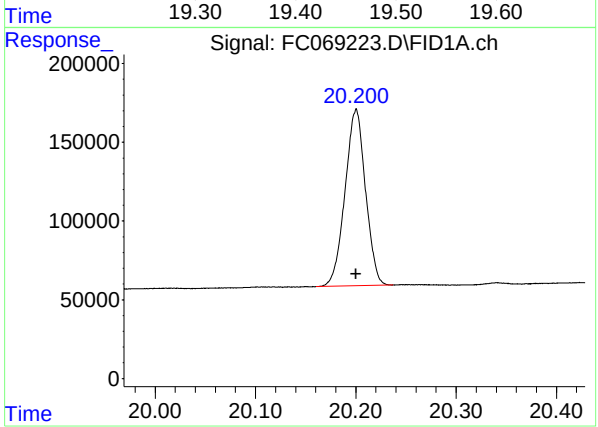
#18 n-Dotriacontane (C32)

R.T.: 18.674 min
Delta R.T.: 0.000 min
Response: 2118123
Conc: 20.00 ug/ml



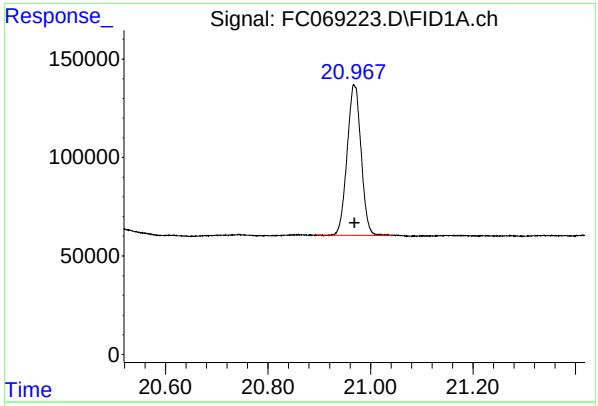
#19 n-Tetratriacontane (C34)

R.T.: 19.459 min
Delta R.T.: 0.000 min
Response: 1869078
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

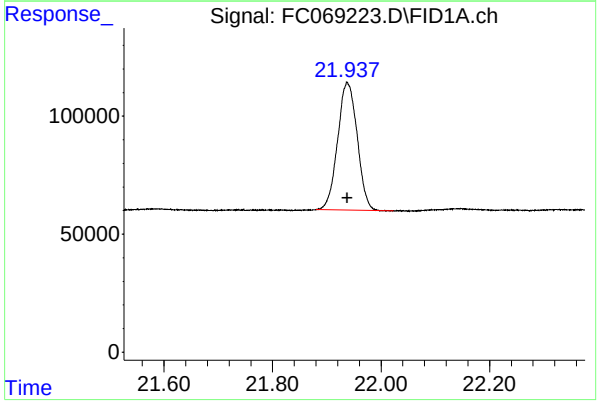
R.T.: 20.200 min
Delta R.T.: 0.000 min
Response: 1587141
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.969 min
Delta R.T.: 0.000 min
Response: 1443800
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.938 min
Delta R.T.: 0.000 min
Response: 1355792
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069223.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 12:39
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.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	3.410	3.374	3.450	BB	328194	2767240	81.80%	4.831%
2	4.482	4.452	4.537	BB	315257	2852554	84.33%	4.980%
3	6.077	6.042	6.147	BB	337847	3140084	92.83%	5.482%
4	6.507	6.459	6.540	BB	299443	2962169	87.57%	5.171%
5	7.136	7.089	7.214	BB	315538	3092803	91.43%	5.399%
6	8.307	8.270	8.372	BB	288724	3051599	90.21%	5.327%
7	9.912	9.874	9.980	BB	300265	3215074	95.04%	5.613%
8	11.357	11.310	11.402	BB	287165	3209683	94.88%	5.603%
9	11.680	11.642	11.739	BB	314534	3382762	100.00%	5.905%
10	12.670	12.632	12.714	BB	249206	2996001	88.57%	5.230%
11	13.116	13.079	13.150	BB	218895	2559732	75.67%	4.469%
12	13.283	13.245	13.332	BB	240870	2890922	85.46%	5.047%
13	13.871	13.832	13.915	BB	241488	2819173	83.34%	4.921%
14	14.976	14.925	15.029	BB	224439	2696756	79.72%	4.708%
15	15.999	15.937	16.037	BB	197748	2552119	75.44%	4.455%
16	16.950	16.879	17.005	BB	170629	2406490	71.14%	4.201%
17	17.839	17.800	17.887	BB	169041	2314105	68.41%	4.040%
18	18.674	18.602	18.722	BB	149490	2118123	62.62%	3.698%
19	19.459	19.420	19.497	BB	125143	1869078	55.25%	3.263%
20	20.200	20.160	20.237	BB	112095	1587141	46.92%	2.771%
21	20.969	20.894	21.044	BB	75910	1443800	42.68%	2.520%
22	21.938	21.880	22.022	BB	54065	1355792	40.08%	2.367%
			Sum of corrected areas:			57283198		

Aliphatic EPH 061825.M Wed Jun 18 14:38:01 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069224.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 13:20
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Jun 18 13:45:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 13:45:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	11.678	1856143	10.994 ug/ml
	Spiked Amount 50.000		Recovery = 21.99%	
12)	S 1-chlorooctadecane (S...	13.115	1417487	11.129 ug/ml
	Spiked Amount 50.000		Recovery = 22.26%	
	Target Compounds			
1)	T n-Nonane (C9)	3.409	1496071	10.738 ug/ml
2)	T n-Decane (C10)	4.481	1544377	10.746 ug/ml
3)	T A~Naphthalene (C11.7)	6.076	1699596	10.782 ug/ml
4)	T n-Dodecane (C12)	6.506	1592006	10.707 ug/ml
5)	T A~2-methylnaphthalene...	7.135	1665892	10.736 ug/ml
6)	T n-Tetradecane (C14)	8.306	1646260	10.803 ug/ml
7)	T n-Hexadecane (C16)	9.911	1756433	10.983 ug/ml
8)	T n-Octadecane (C18)	11.356	1771170	11.113 ug/ml
10)	T n-Eicosane (C20)	12.668	1665008	11.197 ug/ml
11)	T n-Heneicosane (C21)	13.281	1608585	11.203 ug/ml
13)	T n-Docosane (C22)	13.869	1565876	11.181 ug/ml
14)	T n-Tetracosane (C24)	14.974	1491873	11.115 ug/ml
15)	T n-Hexacosane (C26)	15.998	1397927	10.991 ug/ml
16)	T n-Octacosane (C28)	16.949	1308541	10.917 ug/ml
17)	T n-Tricontane (C30)	17.839	1257631	10.907 ug/ml
18)	T n-Dotriacontane (C32)	18.672	1158654	10.937 ug/ml
19)	T n-Tetratriacontane (C34)	19.459	1018840	10.875 ug/ml
20)	T n-Hexatriacontane (C36)	20.200	869747	10.868 ug/ml
21)	T n-Octatriacontane (C38)	20.969	782717	10.802 ug/ml
22)	T n-Tetracontane (C40)	21.938	746688	10.849 ug/ml

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

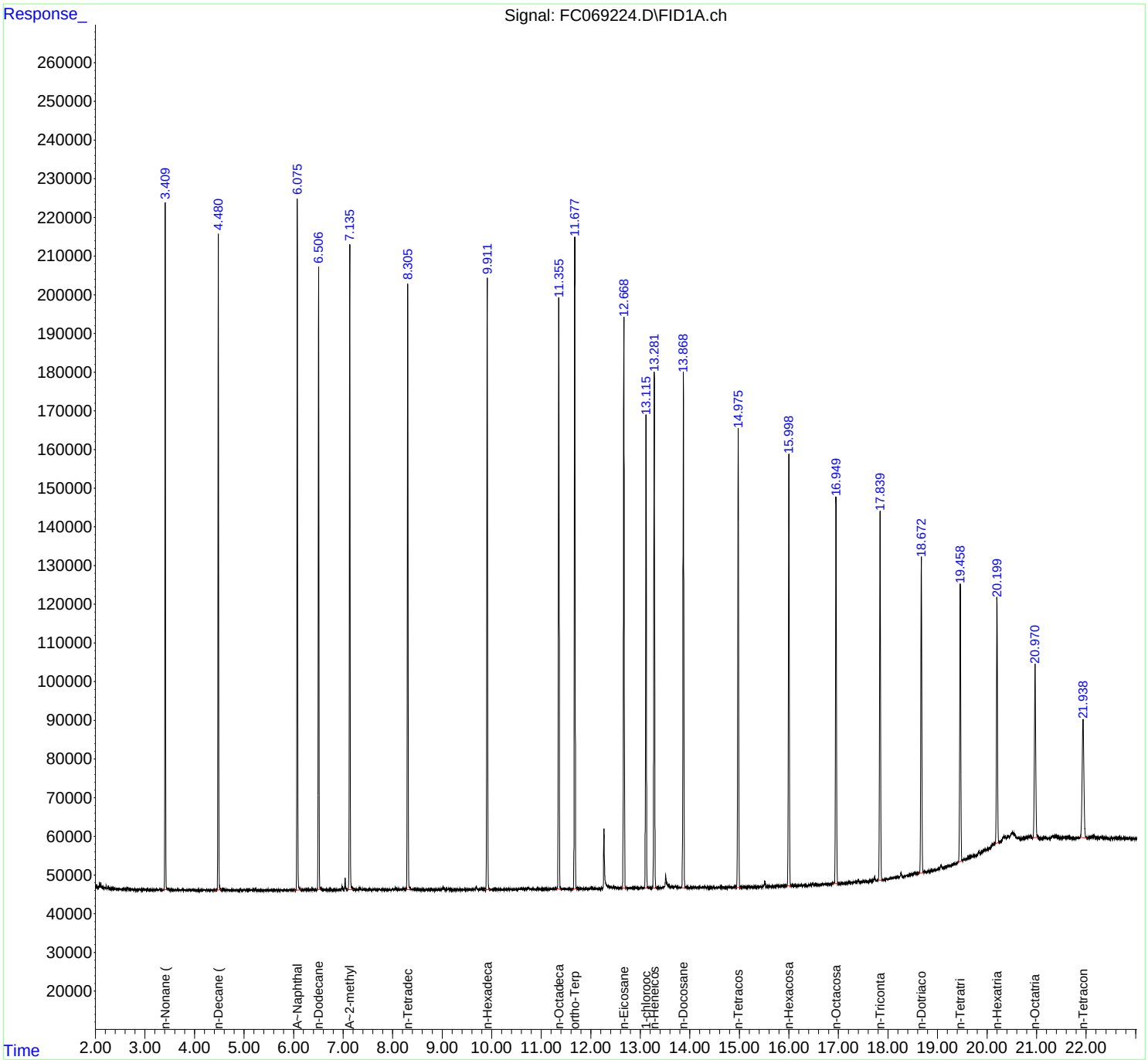
Quantitation Report (QT Reviewed)

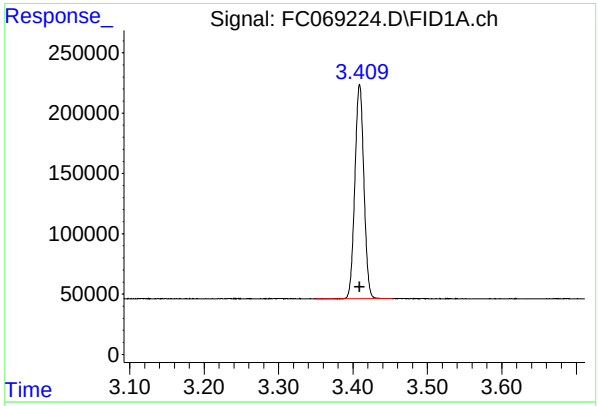
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069224.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 13:20
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Jun 18 13:45:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 13:45:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

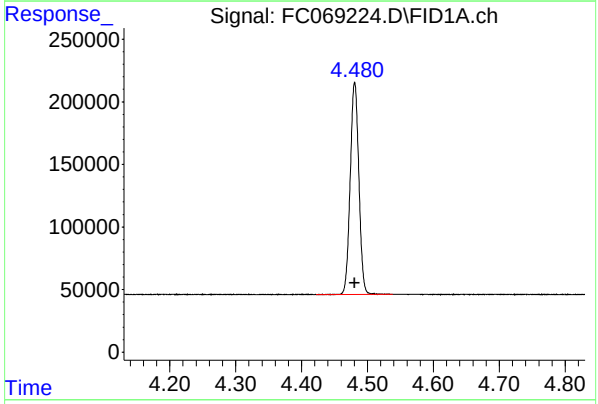




#1 n-Nonane (C9)

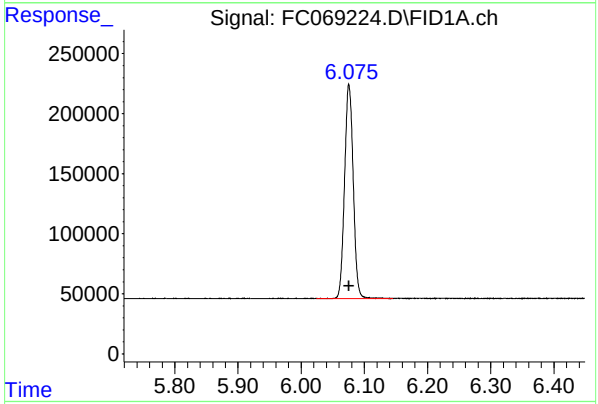
R.T.: 3.409 min
Delta R.T.: 0.000 min
Response: 1496071
Conc: 10.74 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



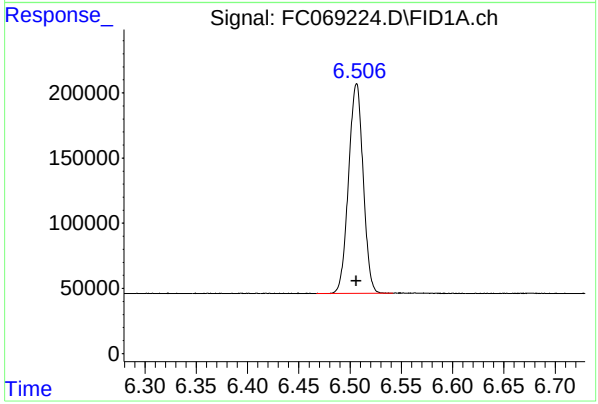
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 1544377
Conc: 10.75 ug/ml



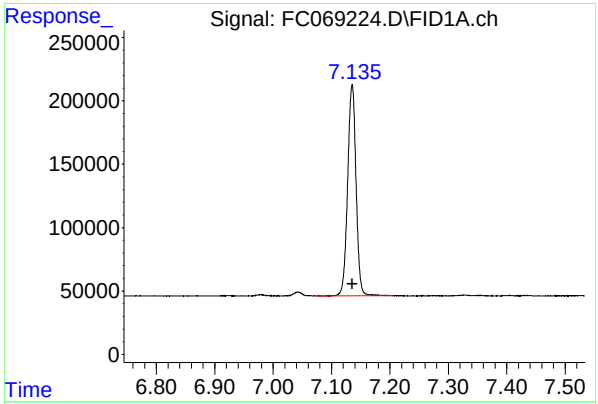
#3 A~Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 1699596
Conc: 10.78 ug/ml



#4 n-Dodecane (C12)

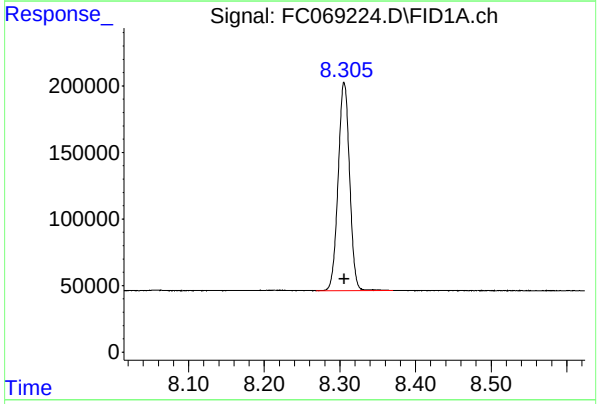
R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 1592006
Conc: 10.71 ug/ml



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

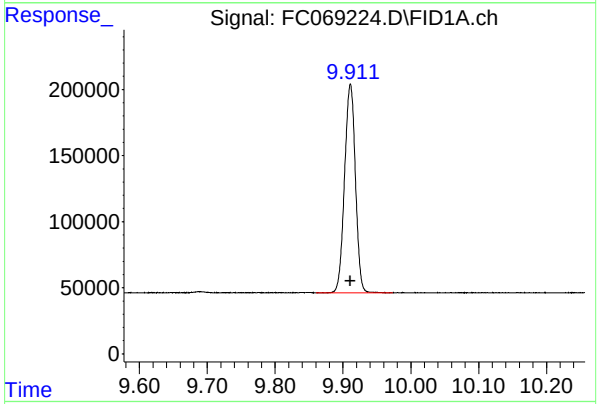
R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 1665892
Conc: 10.74 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



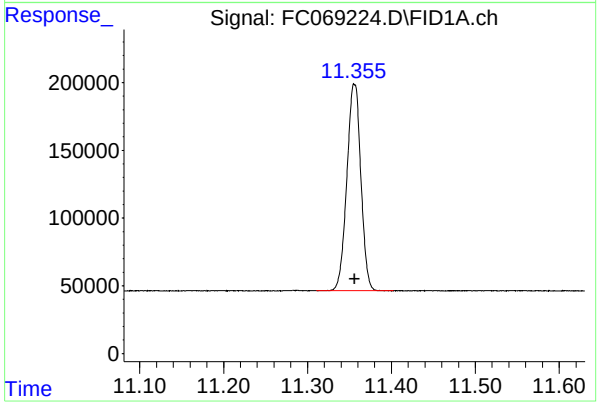
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: 0.000 min
Response: 1646260
Conc: 10.80 ug/ml



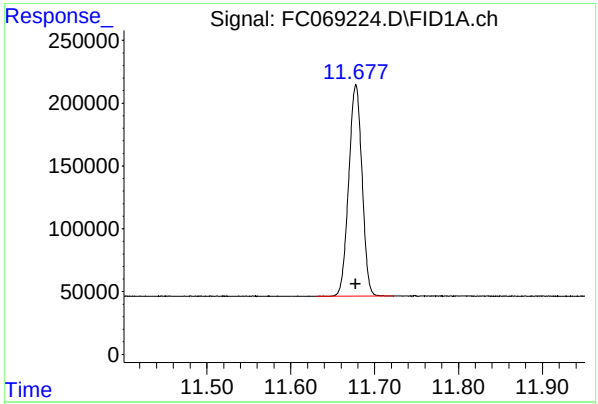
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: 0.000 min
Response: 1756433
Conc: 10.98 ug/ml



#8 n-Octadecane (C18)

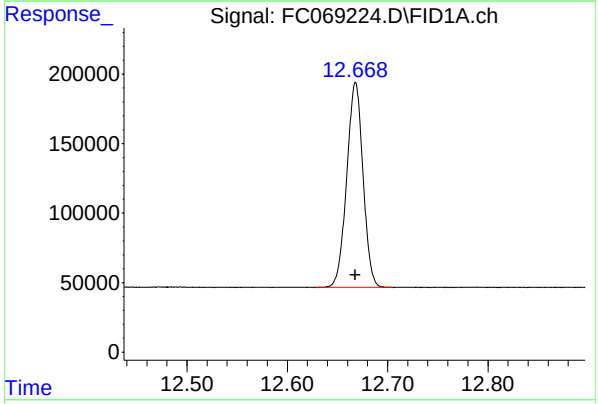
R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 1771170
Conc: 11.11 ug/ml



#9 ortho-Terphenyl (SURR)

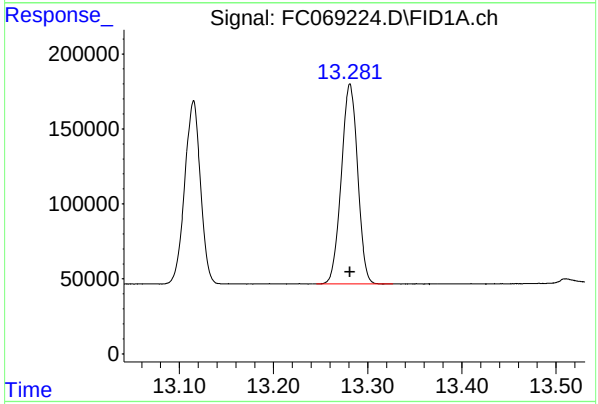
R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 1856143
Conc: 10.99 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



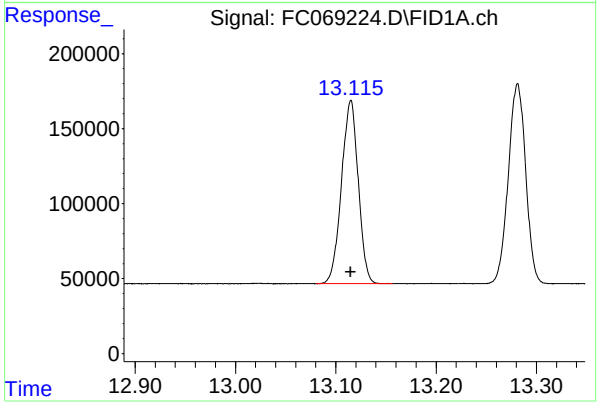
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: 0.000 min
Response: 1665008
Conc: 11.20 ug/ml



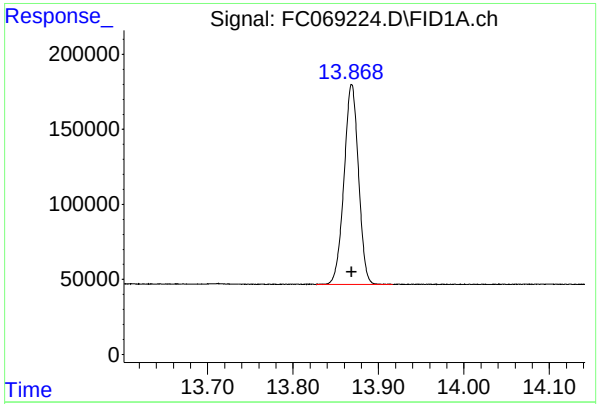
#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: 0.000 min
Response: 1608585
Conc: 11.20 ug/ml



#12 1-chlorooctadecane (SURR)

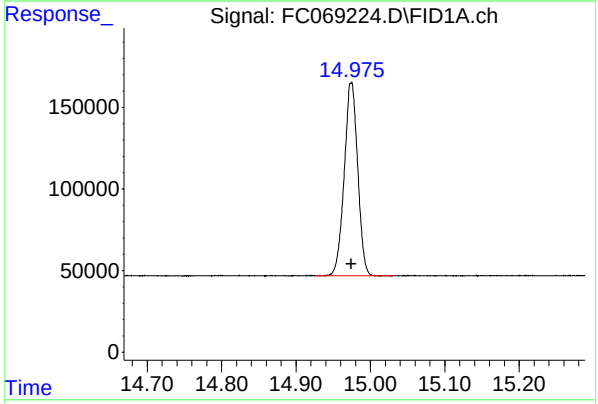
R.T.: 13.115 min
Delta R.T.: 0.000 min
Response: 1417487
Conc: 11.13 ug/ml



#13 n-Docosane (C22)

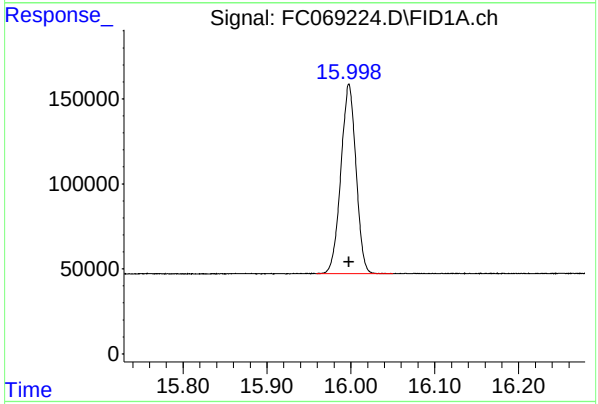
R.T.: 13.869 min
Delta R.T.: 0.000 min
Response: 1565876
Conc: 11.18 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



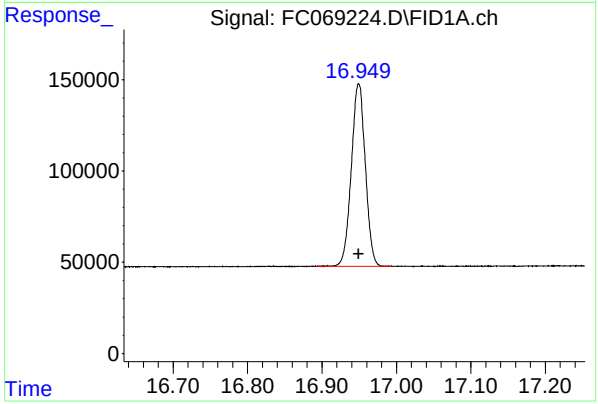
#14 n-Tetracosane (C24)

R.T.: 14.974 min
Delta R.T.: 0.000 min
Response: 1491873
Conc: 11.11 ug/ml



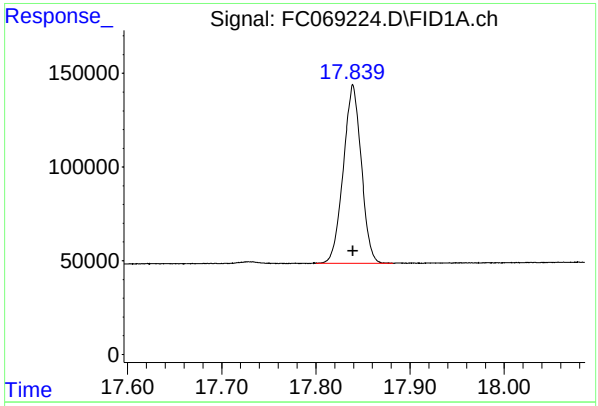
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: 0.000 min
Response: 1397927
Conc: 10.99 ug/ml



#16 n-Octacosane (C28)

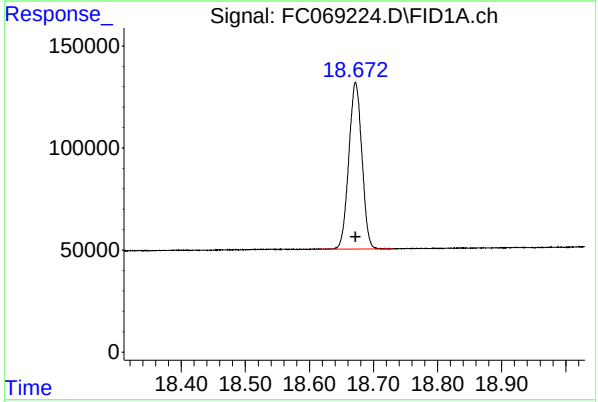
R.T.: 16.949 min
Delta R.T.: 0.000 min
Response: 1308541
Conc: 10.92 ug/ml



#17 n-Tricontane (C30)

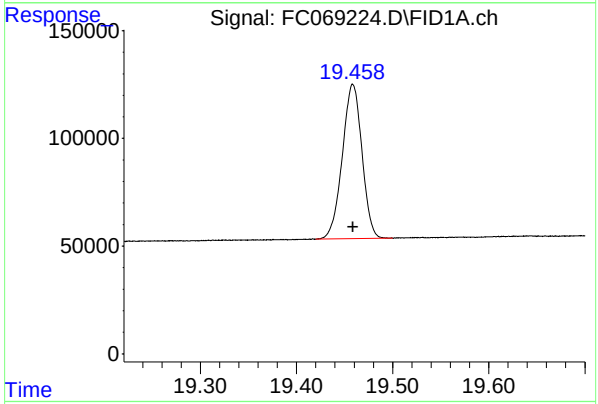
R.T.: 17.839 min
Delta R.T.: 0.000 min
Response: 1257631
Conc: 10.91 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



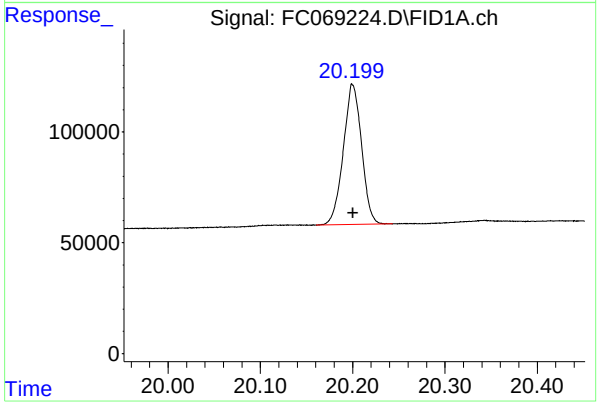
#18 n-Dotriacontane (C32)

R.T.: 18.672 min
Delta R.T.: 0.000 min
Response: 1158654
Conc: 10.94 ug/ml



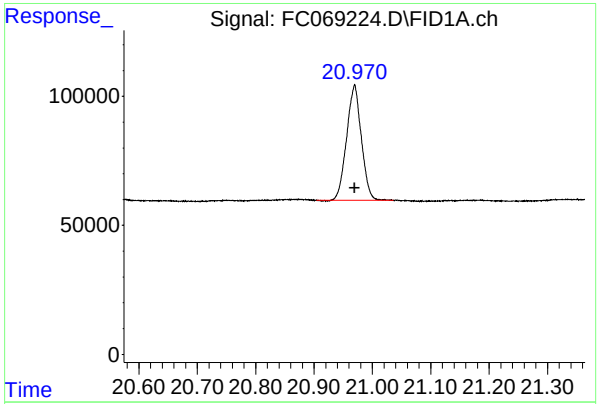
#19 n-Tetratriacontane (C34)

R.T.: 19.459 min
Delta R.T.: 0.000 min
Response: 1018840
Conc: 10.87 ug/ml



#20 n-Hexatriacontane (C36)

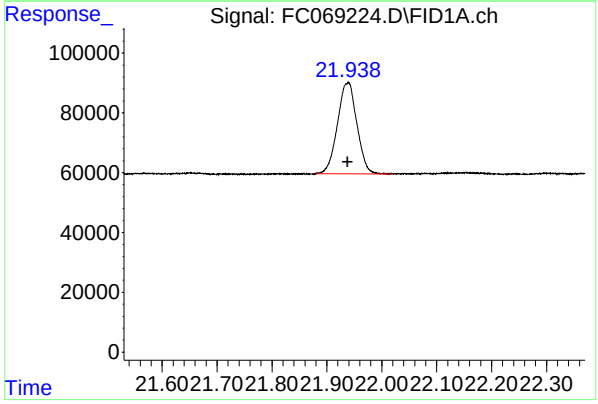
R.T.: 20.200 min
Delta R.T.: 0.000 min
Response: 869747
Conc: 10.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.969 min
Delta R.T.: 0.000 mi
Response: 782717
Conc: 10.80 ug/m

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.938 min
Delta R.T.: 0.000 min
Response: 746688
Conc: 10.85 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069224.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 13:20
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.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	3.409	3.350	3.454	BB	177619	1496071	80.60%	4.777%
2	4.481	4.422	4.539	BB	169567	1544377	83.20%	4.931%
3	6.076	6.024	6.145	BB	178321	1699596	91.57%	5.427%
4	6.506	6.467	6.542	BB	161845	1592006	85.77%	5.083%
5	7.135	7.074	7.205	BB	166692	1665892	89.75%	5.319%
6	8.306	8.269	8.370	BB	156558	1646260	88.69%	5.257%
7	9.911	9.860	9.974	BB	157792	1756433	94.63%	5.608%
8	11.356	11.310	11.402	BB	153146	1771170	95.42%	5.656%
9	11.678	11.630	11.722	BB	167827	1856143	100.00%	5.927%
10	12.668	12.629	12.705	BB	147990	1665008	89.70%	5.317%
11	13.115	13.080	13.157	BB	122636	1417487	76.37%	4.526%
12	13.281	13.245	13.327	BB	133774	1608585	86.66%	5.136%
13	13.869	13.827	13.917	BB	133414	1565876	84.36%	5.000%
14	14.974	14.927	15.030	BB	118969	1491873	80.37%	4.764%
15	15.998	15.959	16.050	BB	111607	1397927	75.31%	4.464%
16	16.949	16.892	16.995	BB	100098	1308541	70.50%	4.178%
17	17.839	17.800	17.882	BB	95148	1257631	67.76%	4.016%
18	18.672	18.610	18.730	BB	81586	1158654	62.42%	3.700%
19	19.459	19.420	19.500	BB	71711	1018840	54.89%	3.253%
20	20.200	20.160	20.244	BB	62876	869747	46.86%	2.777%
21	20.969	20.904	21.035	BB	44513	782717	42.17%	2.499%
22	21.938	21.880	22.020	BB	30555	746688	40.23%	2.384%
			Sum of corrected areas:			31317521		

Aliphatic EPH 061825.M Wed Jun 18 14:37:36 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069225.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 14:03
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Jun 18 14:23:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:23:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	11.678	942393	5.455 ug/ml
Spiked Amount	50.000		Recovery =	10.91%
12)	S 1-chlorooctadecane (S...	13.114	718614	5.501 ug/ml
Spiked Amount	50.000		Recovery =	11.00%
	Target Compounds			
1)	T n-Nonane (C9)	3.410	768967	5.407 ug/ml
2)	T n-Decane (C10)	4.481	785603	5.366 ug/ml
3)	T A~Naphthalene (C11.7)	6.076	869708	5.405 ug/ml
4)	T n-Dodecane (C12)	6.506	811783	5.361 ug/ml
5)	T A~2-methylnaphthalene...	7.135	852964	5.390 ug/ml
6)	T n-Tetradecane (C14)	8.306	827220	5.337 ug/ml
7)	T n-Hexadecane (C16)	9.911	887029	5.428 ug/ml
8)	T n-Octadecane (C18)	11.356	894124	5.476 ug/ml
10)	T n-Eicosane (C20)	12.668	842048	5.517 ug/ml
11)	T n-Heneicosane (C21)	13.281	813023	5.516 ug/ml
13)	T n-Docosane (C22)	13.868	796002	5.532 ug/ml
14)	T n-Tetracosane (C24)	14.974	763797	5.538 ug/ml
15)	T n-Hexacosane (C26)	15.997	724210	5.540 ug/ml
16)	T n-Octacosane (C28)	16.948	686066	5.563 ug/ml
17)	T n-Tricontane (C30)	17.838	666002	5.602 ug/ml
18)	T n-Dotriacontane (C32)	18.673	614700	5.622 ug/ml
19)	T n-Tetratriacontane (C34)	19.458	540381	5.596 ug/ml
20)	T n-Hexatriacontane (C36)	20.200	459698	5.578 ug/ml
21)	T n-Octatriacontane (C38)	20.969	419007	5.607 ug/ml
22)	T n-Tetracontane (C40)	21.937	393940	5.563 ug/ml

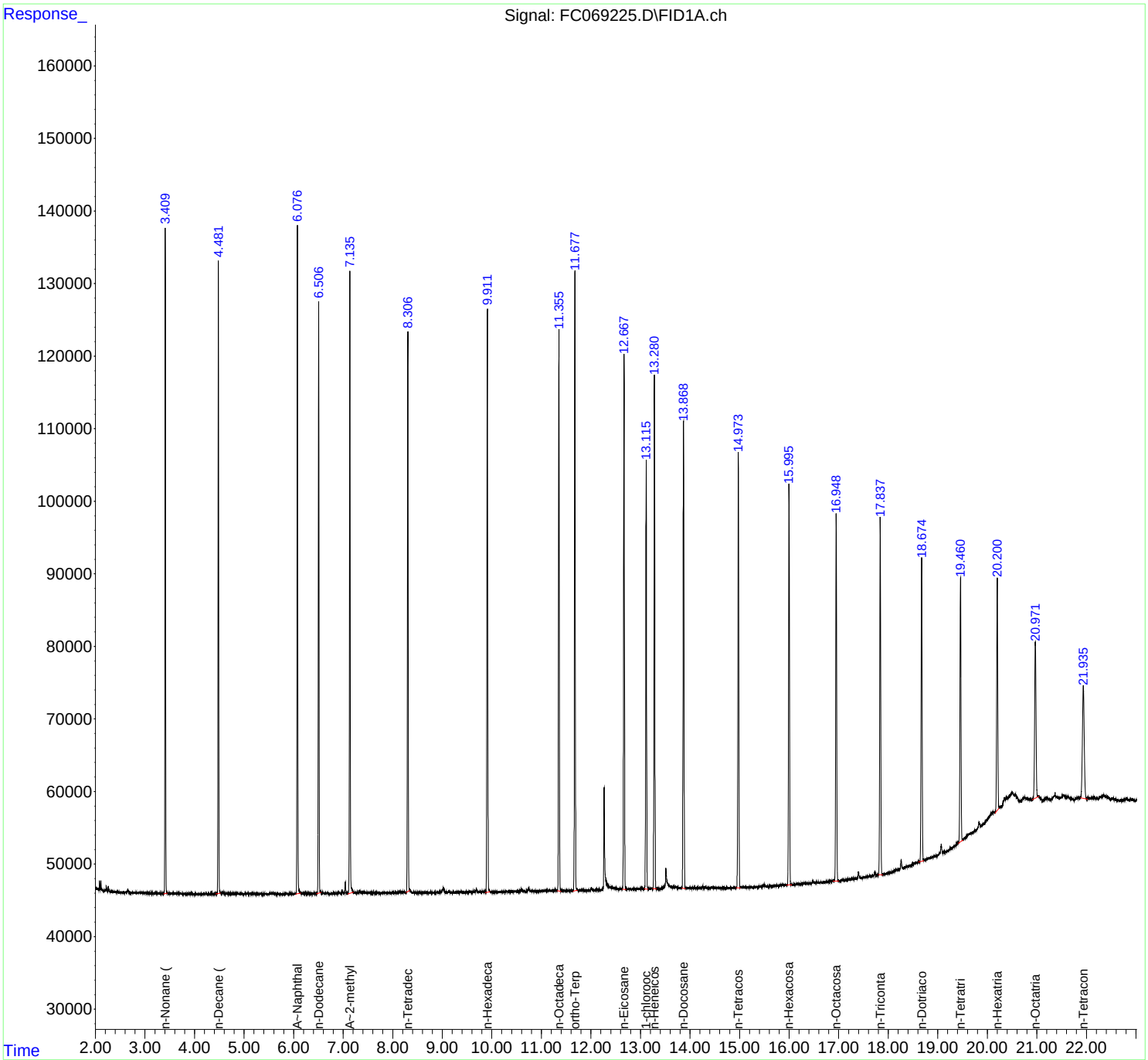
(f)=RT Delta > 1/2 Window (m)=manual int.

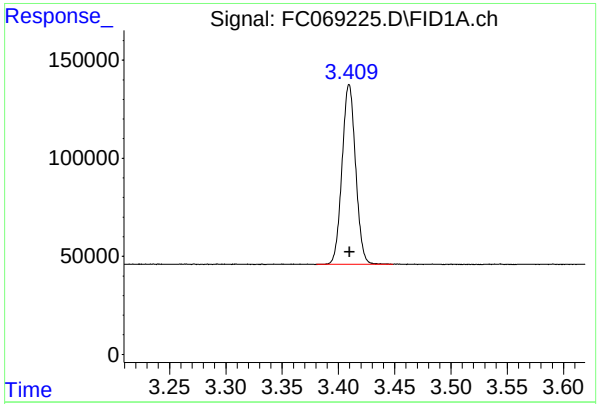
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069225.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 14:03
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Jun 18 14:23:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:23:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

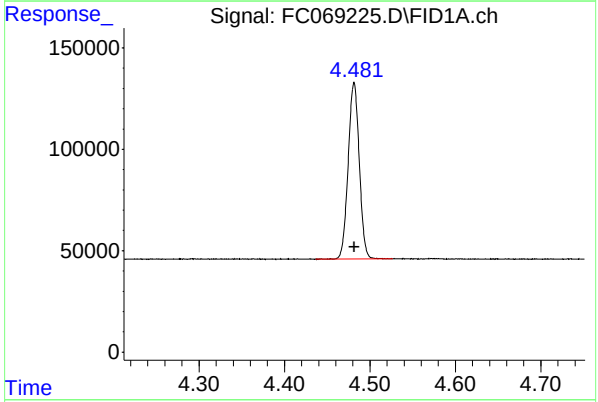




#1 n-Nonane (C9)

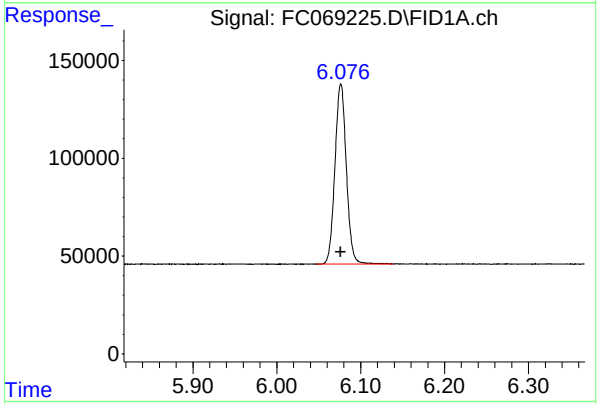
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 768967
Conc: 5.41 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



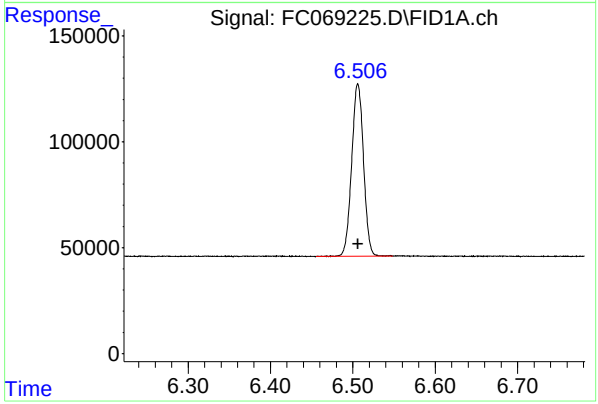
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 785603
Conc: 5.37 ug/ml



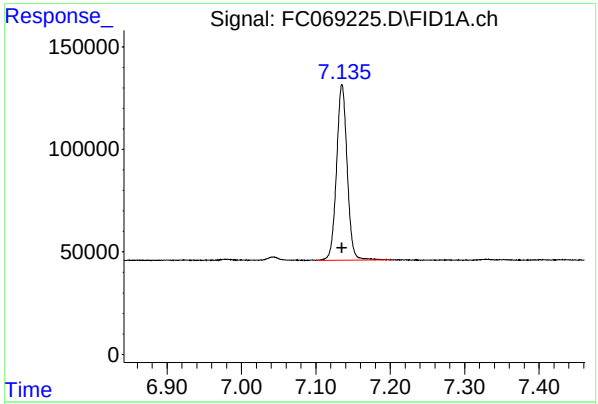
#3 A~Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 869708
Conc: 5.41 ug/ml



#4 n-Dodecane (C12)

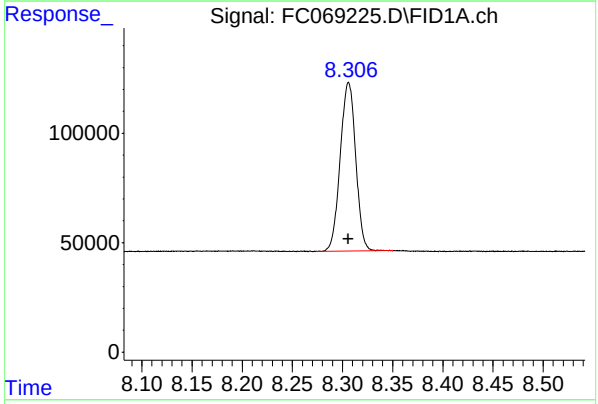
R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 811783
Conc: 5.36 ug/ml



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

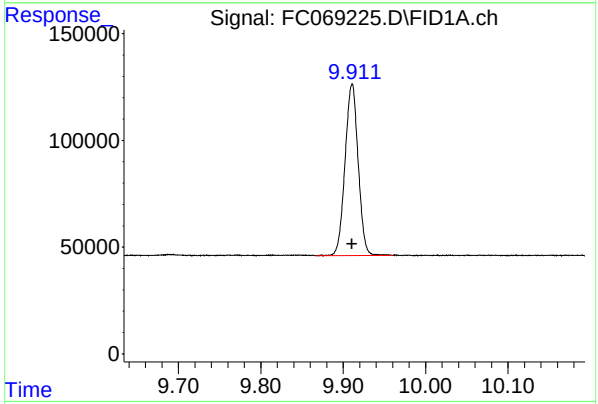
R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 852964
Conc: 5.39 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



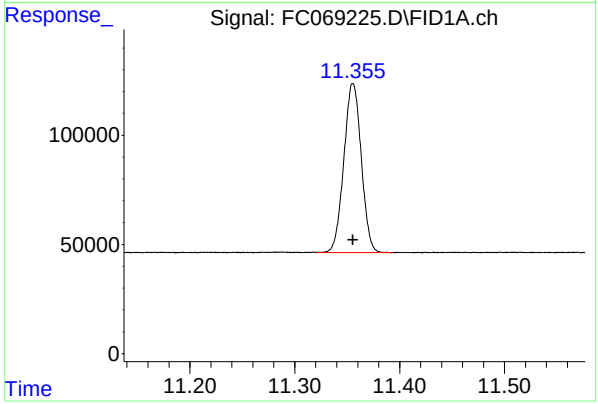
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: 0.000 min
Response: 827220
Conc: 5.34 ug/ml



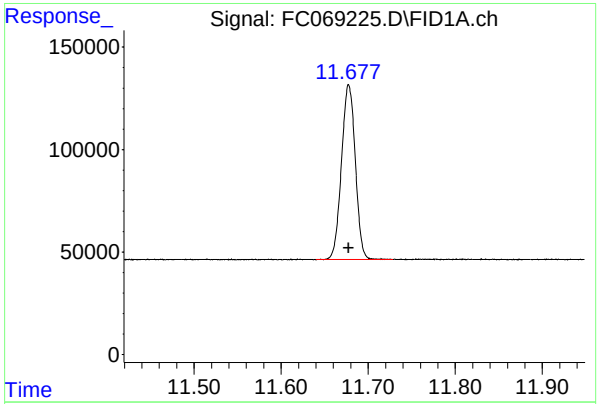
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: 0.000 min
Response: 887029
Conc: 5.43 ug/ml



#8 n-Octadecane (C18)

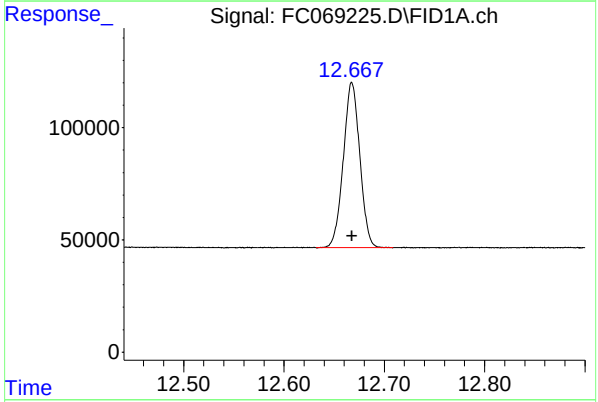
R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 894124
Conc: 5.48 ug/ml



#9 ortho-Terphenyl (SURR)

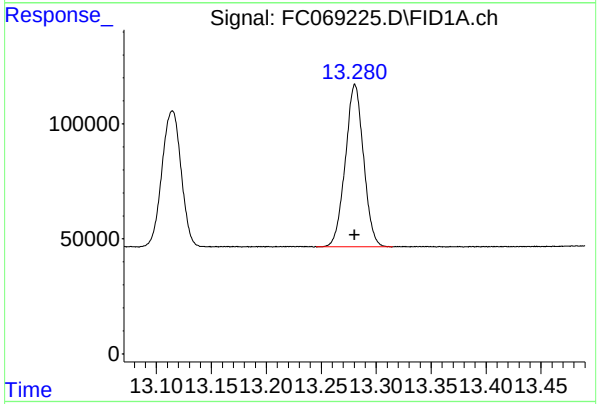
R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 942393
Conc: 5.45 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



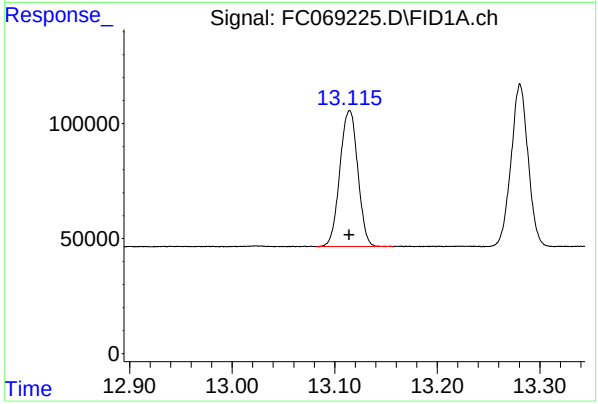
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: 0.000 min
Response: 842048
Conc: 5.52 ug/ml



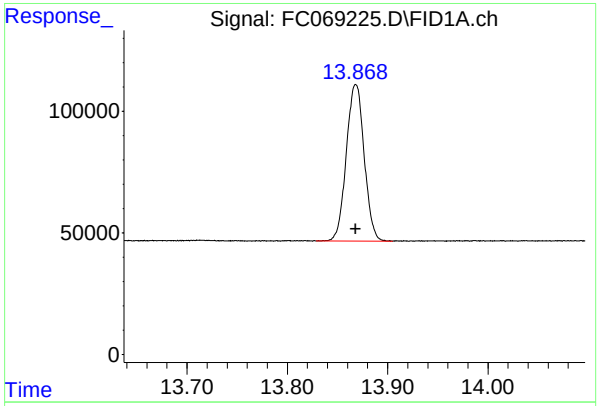
#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: 0.000 min
Response: 813023
Conc: 5.52 ug/ml



#12 1-chlorooctadecane (SURR)

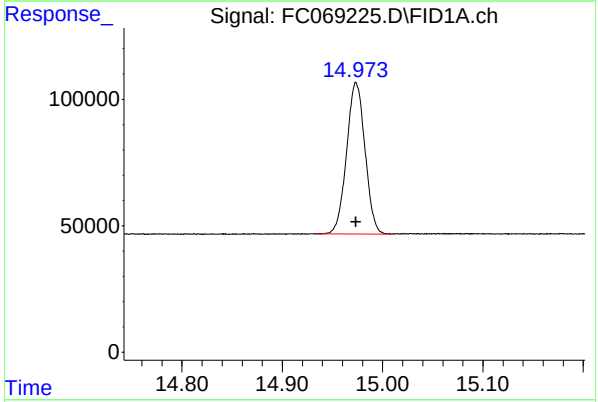
R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 718614
Conc: 5.50 ug/ml



#13 n-Docosane (C22)

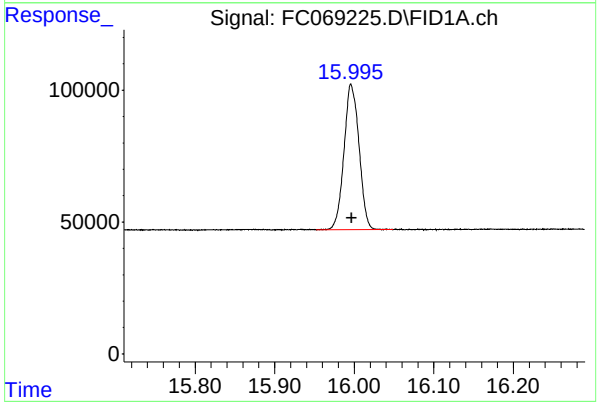
R.T.: 13.868 min
Delta R.T.: 0.000 min
Response: 796002
Conc: 5.53 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



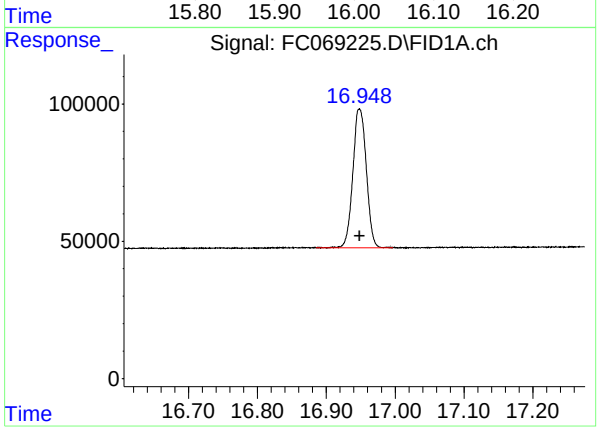
#14 n-Tetracosane (C24)

R.T.: 14.974 min
Delta R.T.: 0.000 min
Response: 763797
Conc: 5.54 ug/ml



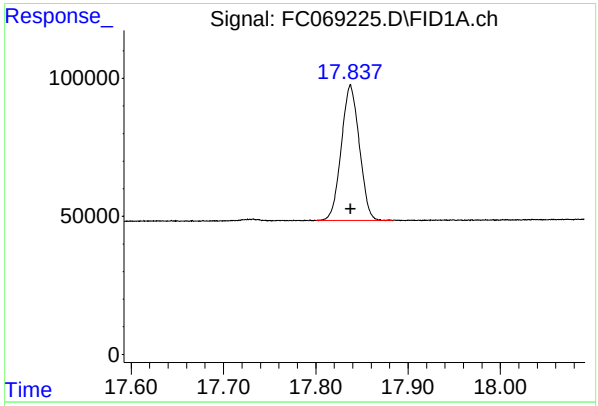
#15 n-Hexacosane (C26)

R.T.: 15.997 min
Delta R.T.: 0.000 min
Response: 724210
Conc: 5.54 ug/ml



#16 n-Octacosane (C28)

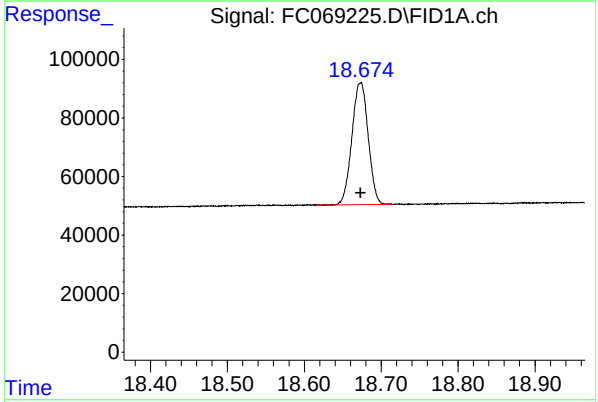
R.T.: 16.948 min
Delta R.T.: 0.000 min
Response: 686066
Conc: 5.56 ug/ml



#17 n-Tricontane (C30)

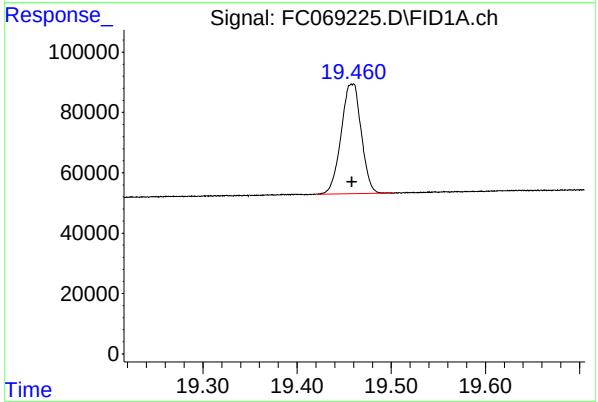
R.T.: 17.838 min
Delta R.T.: 0.000 min
Response: 666002
Conc: 5.60 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



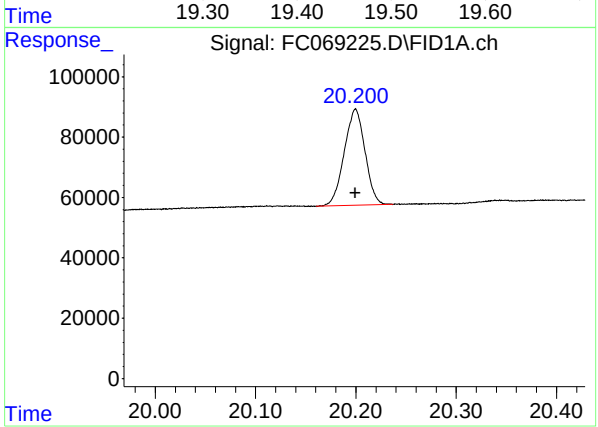
#18 n-Dotriacontane (C32)

R.T.: 18.673 min
Delta R.T.: 0.000 min
Response: 614700
Conc: 5.62 ug/ml



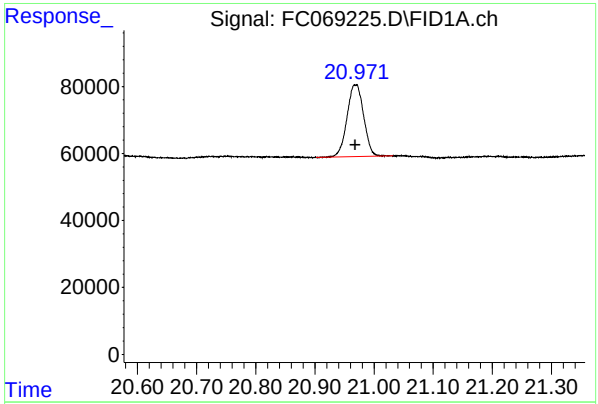
#19 n-Tetratriacontane (C34)

R.T.: 19.458 min
Delta R.T.: 0.000 min
Response: 540381
Conc: 5.60 ug/ml



#20 n-Hexatriacontane (C36)

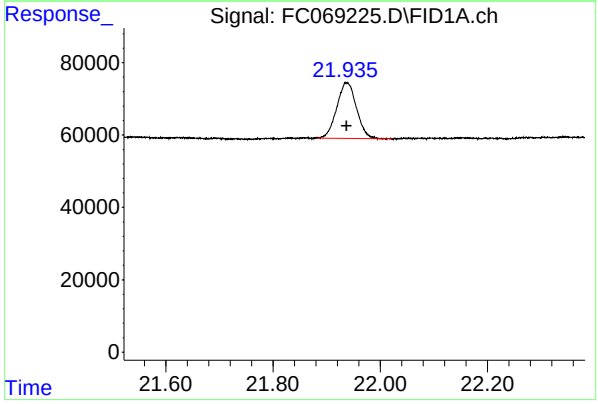
R.T.: 20.200 min
Delta R.T.: 0.000 min
Response: 459698
Conc: 5.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.969 min
Delta R.T.: 0.000 min
Response: 419007
Conc: 5.61 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.937 min
Delta R.T.: 0.000 min
Response: 393940
Conc: 5.56 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069225.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 14:03
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.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	3.410	3.380	3.449	BB	91878	768967	81.60%	4.783%
2	4.481	4.437	4.527	BB	87247	785603	83.36%	4.886%
3	6.076	6.047	6.139	BB	92272	869708	92.29%	5.410%
4	6.506	6.455	6.549	BB	81230	811783	86.14%	5.049%
5	7.135	7.100	7.204	BB	85753	852964	90.51%	5.305%
6	8.306	8.274	8.350	BB	77049	827220	87.78%	5.145%
7	9.911	9.867	9.960	BB	80293	887029	94.13%	5.517%
8	11.356	11.320	11.394	BB	77410	894124	94.88%	5.561%
9	11.678	11.640	11.729	BB	84784	942393	100.00%	5.862%
10	12.668	12.632	12.709	BB	73078	842048	89.35%	5.238%
11	13.114	13.082	13.157	BB	59088	718614	76.25%	4.470%
12	13.281	13.245	13.315	BB	70672	813023	86.27%	5.057%
13	13.868	13.829	13.905	BB	64412	796002	84.47%	4.951%
14	14.974	14.934	15.010	BB	59988	763797	81.05%	4.751%
15	15.997	15.952	16.049	BB	54380	724210	76.85%	4.505%
16	16.948	16.885	16.997	BB	50496	686066	72.80%	4.267%
17	17.838	17.800	17.884	BB	48943	666002	70.67%	4.143%
18	18.673	18.615	18.715	BB	41575	614700	65.23%	3.823%
19	19.458	19.420	19.502	BB	36225	540381	57.34%	3.361%
20	20.200	20.160	20.237	BB	32066	459698	48.78%	2.859%
21	20.969	20.902	21.032	BB	21311	419007	44.46%	2.606%
22	21.937	21.880	22.024	BB	15337	393940	41.80%	2.450%
			Sum of corrected areas:			16077276		

Aliphatic EPH 061825.M Wed Jun 18 14:37:19 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069226.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 14:45
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Jun 18 15:23:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.680	3253610	18.833 ug/ml
Spiked Amount	50.000		Recovery =	37.67%
12) S	1-chlorooctadecane (S...	13.116	2474788	18.943 ug/ml
Spiked Amount	50.000		Recovery =	37.89%
	Target Compounds			
1) T	n-Nonane (C9)	3.410	2571511	18.081 ug/ml
2) T	n-Decane (C10)	4.482	2650200	18.103 ug/ml
3) T	A~Naphthalene (C11.7)	6.077	2926181	18.187 ug/ml
4) T	n-Dodecane (C12)	6.507	2762531	18.244 ug/ml
5) T	A~2-methylnaphthalene...	7.136	2898798	18.318 ug/ml
6) T	n-Tetradecane (C14)	8.307	2886495	18.622 ug/ml
7) T	n-Hexadecane (C16)	9.912	3074968	18.817 ug/ml
8) T	n-Octadecane (C18)	11.357	3098893	18.980 ug/ml
10) T	n-Eicosane (C20)	12.670	2897467	18.982 ug/ml
11) T	n-Heneicosane (C21)	13.283	2797161	18.978 ug/ml
13) T	n-Docosane (C22)	13.871	2718940	18.897 ug/ml
14) T	n-Tetracosane (C24)	14.975	2594124	18.807 ug/ml
15) T	n-Hexacosane (C26)	15.998	2449139	18.735 ug/ml
16) T	n-Octacosane (C28)	16.949	2300993	18.657 ug/ml
17) T	n-Tricontane (C30)	17.839	2215902	18.639 ug/ml
18) T	n-Dotriacontane (C32)	18.675	2037377	18.634 ug/ml
19) T	n-Tetratriacontane (C34)	19.460	1803580	18.677 ug/ml
20) T	n-Hexatriacontane (C36)	20.201	1557268	18.896 ug/ml
21) T	n-Octatriacontane (C38)	20.971	1411730	18.891 ug/ml
22) T	n-Tetracontane (C40)	21.939	1331528	18.803 ug/ml

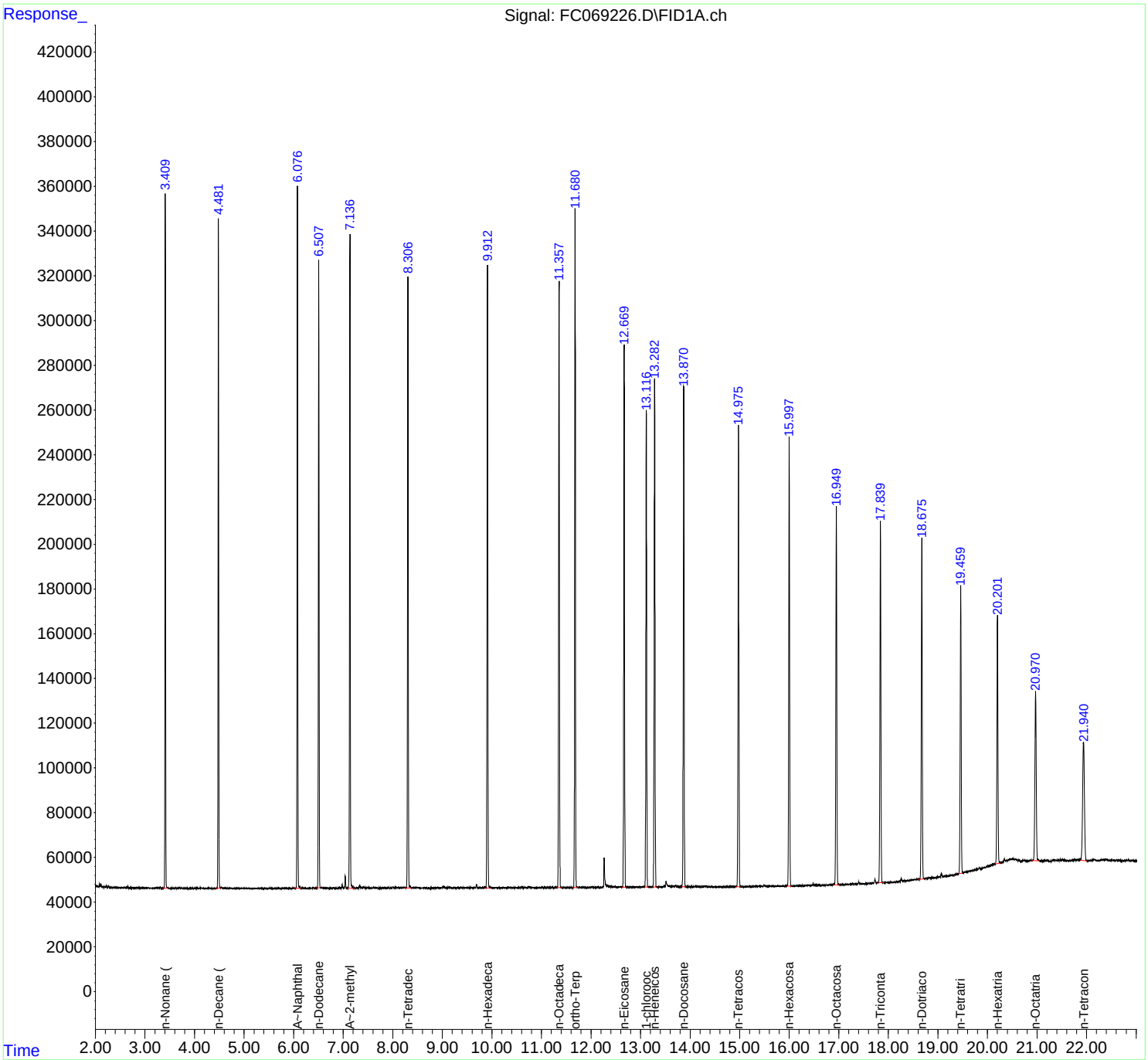
(f)=RT Delta > 1/2 Window (m)=manual int.

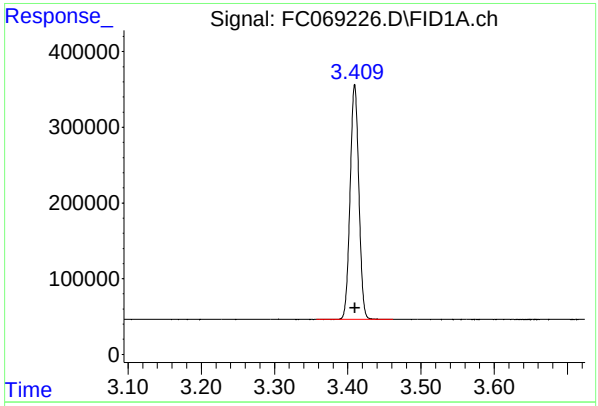
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069226.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 14:45
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Jun 18 15:23:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

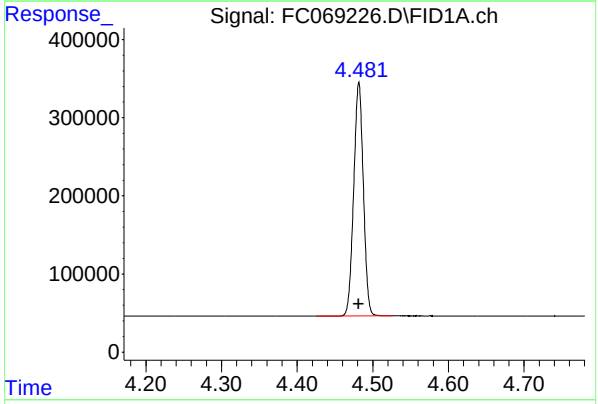




#1 n-Nonane (C9)

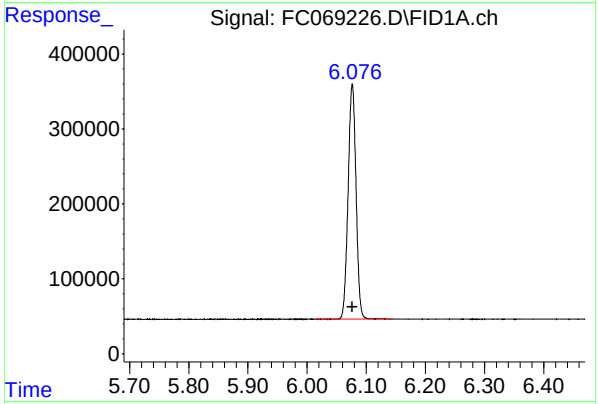
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 2571511
Conc: 18.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



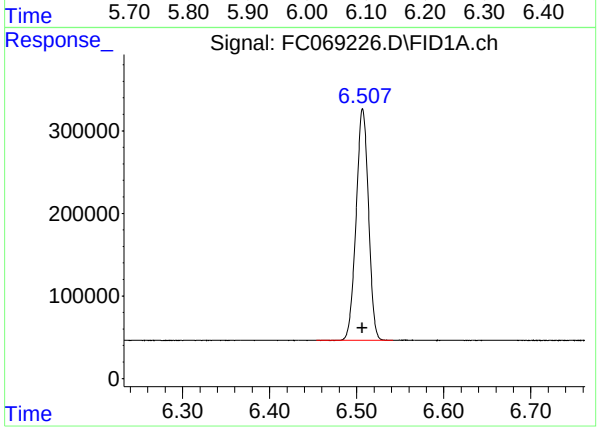
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 2650200
Conc: 18.10 ug/ml



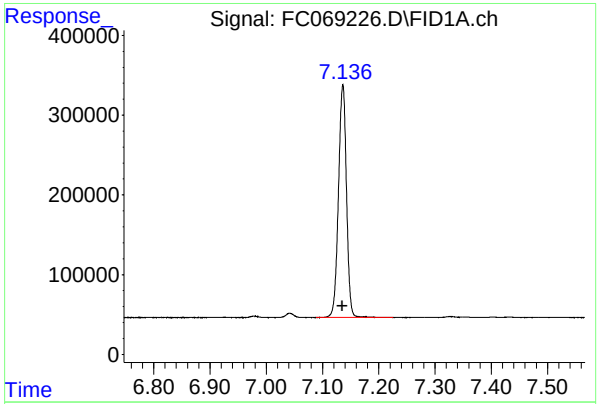
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 2926181
Conc: 18.19 ug/ml



#4 n-Dodecane (C12)

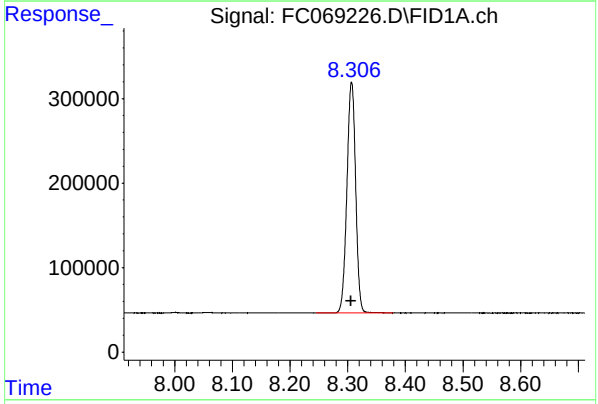
R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 2762531
Conc: 18.24 ug/ml



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

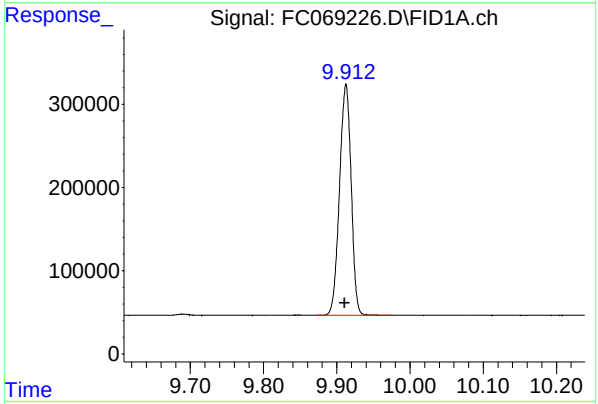
R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 2898798
Conc: 18.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



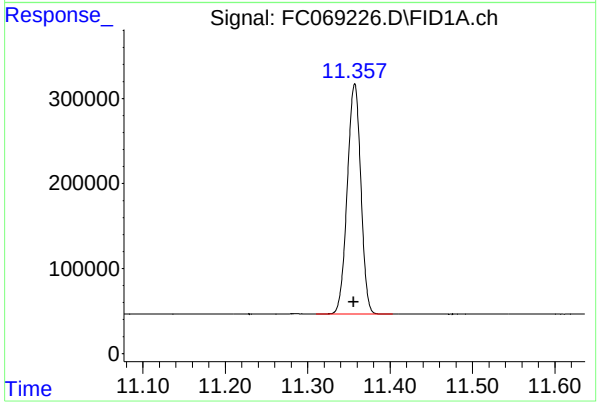
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: 0.000 min
Response: 2886495
Conc: 18.62 ug/ml



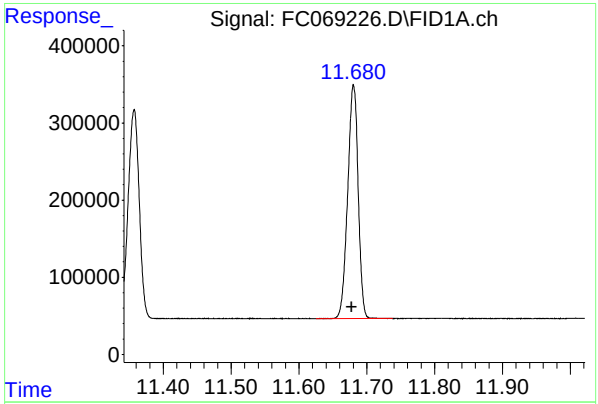
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: 0.002 min
Response: 3074968
Conc: 18.82 ug/ml



#8 n-Octadecane (C18)

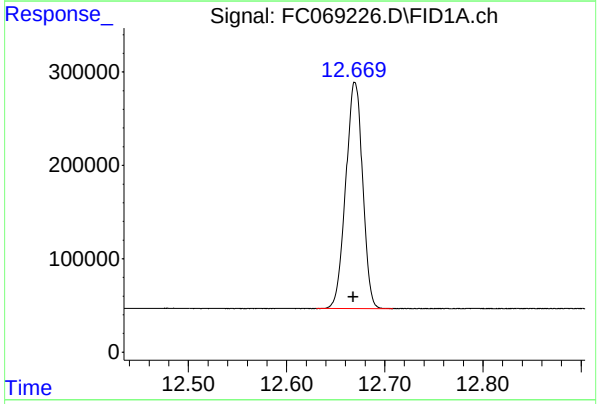
R.T.: 11.357 min
Delta R.T.: 0.001 min
Response: 3098893
Conc: 18.98 ug/ml



#9 ortho-Terphenyl (SURR)

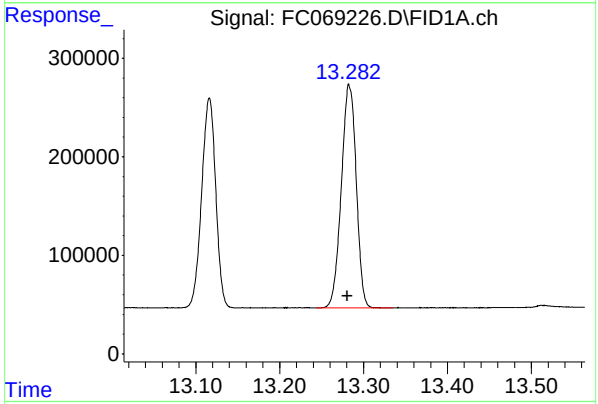
R.T.: 11.680 min
Delta R.T.: 0.003 min
Response: 3253610
Conc: 18.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



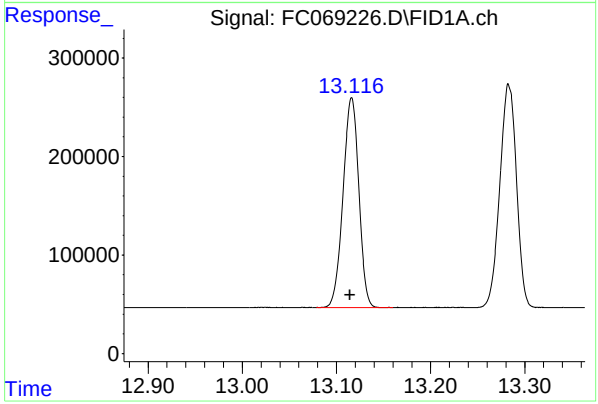
#10 n-Eicosane (C20)

R.T.: 12.670 min
Delta R.T.: 0.002 min
Response: 2897467
Conc: 18.98 ug/ml



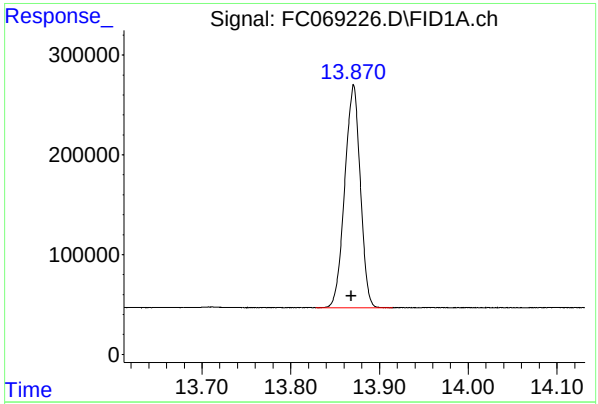
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: 0.002 min
Response: 2797161
Conc: 18.98 ug/ml



#12 1-chlorooctadecane (SURR)

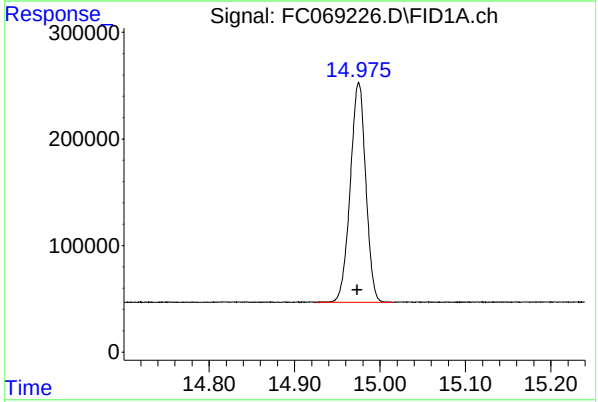
R.T.: 13.116 min
Delta R.T.: 0.002 min
Response: 2474788
Conc: 18.94 ug/ml



#13 n-Docosane (C22)

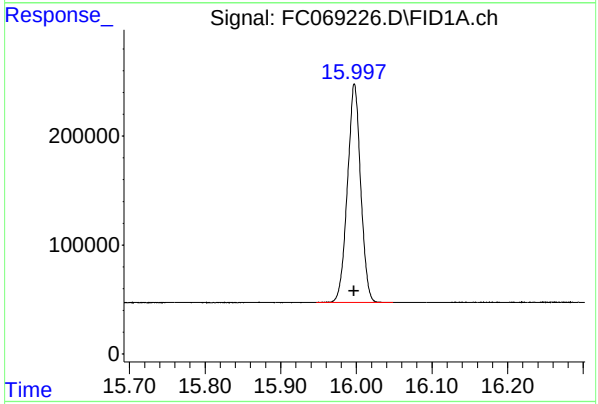
R.T.: 13.871 min
Delta R.T.: 0.002 min
Response: 2718940
Conc: 18.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



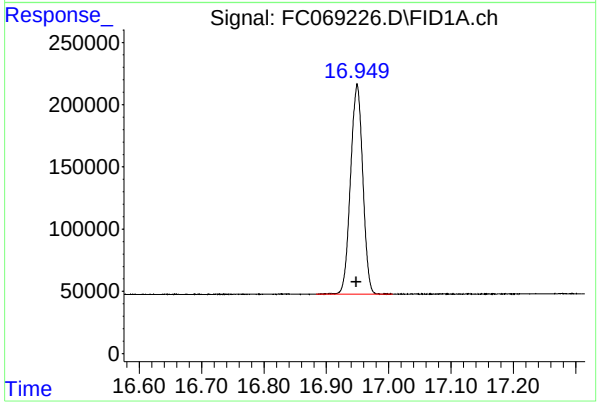
#14 n-Tetracosane (C24)

R.T.: 14.975 min
Delta R.T.: 0.001 min
Response: 2594124
Conc: 18.81 ug/ml



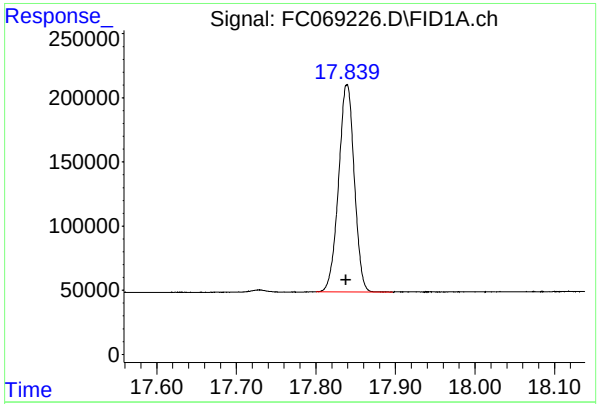
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: 0.001 min
Response: 2449139
Conc: 18.74 ug/ml



#16 n-Octacosane (C28)

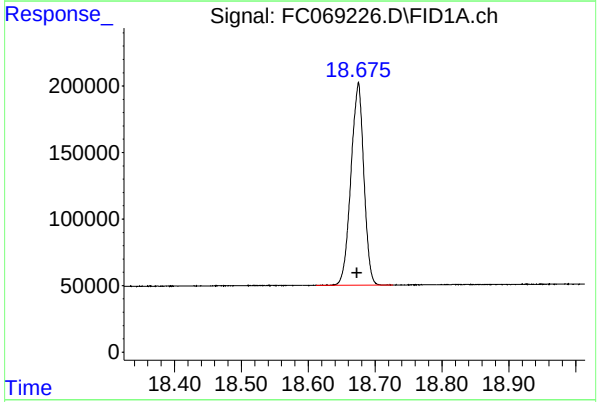
R.T.: 16.949 min
Delta R.T.: 0.000 min
Response: 2300993
Conc: 18.66 ug/ml



#17 n-Tricontane (C30)

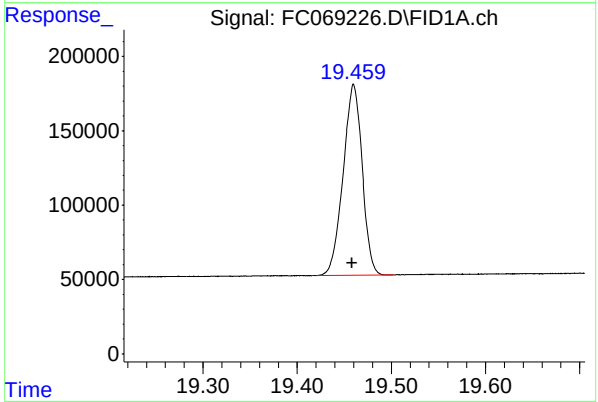
R.T.: 17.839 min
Delta R.T.: 0.001 min
Response: 2215902
Conc: 18.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



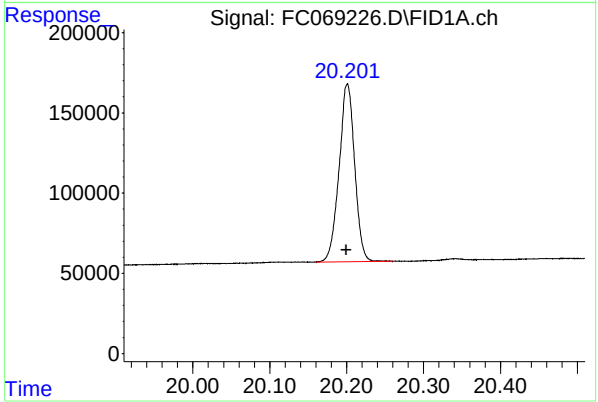
#18 n-Dotriacontane (C32)

R.T.: 18.675 min
Delta R.T.: 0.002 min
Response: 2037377
Conc: 18.63 ug/ml



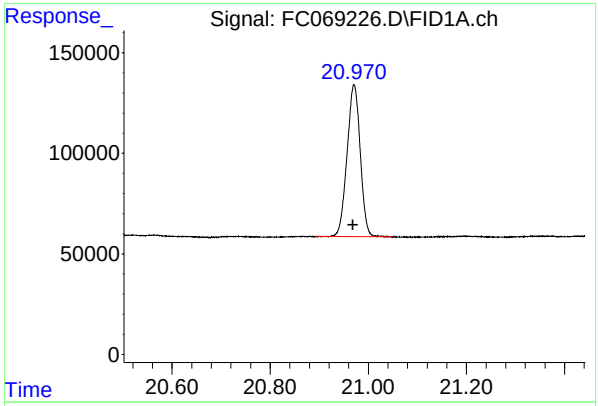
#19 n-Tetratriacontane (C34)

R.T.: 19.460 min
Delta R.T.: 0.002 min
Response: 1803580
Conc: 18.68 ug/ml



#20 n-Hexatriacontane (C36)

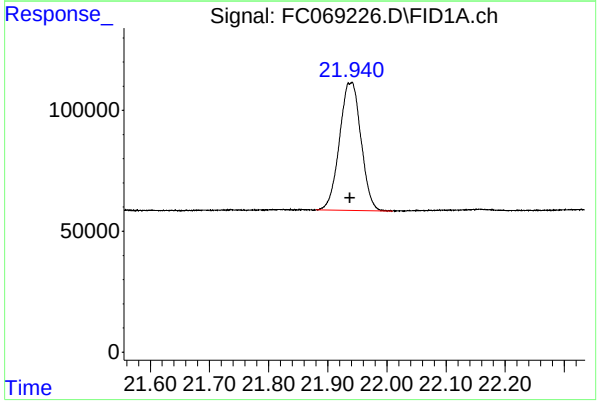
R.T.: 20.201 min
Delta R.T.: 0.001 min
Response: 1557268
Conc: 18.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.971 min
Delta R.T.: 0.002 min
Response: 1411730
Conc: 18.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.939 min
Delta R.T.: 0.001 min
Response: 1331528
Conc: 18.80 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069226.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 14:45
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.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	3.410	3.357	3.462	BB	310610	2571511	79.04%	4.700%
2	4.482	4.425	4.527	BB	299540	2650200	81.45%	4.844%
3	6.077	6.015	6.145	BB	314091	2926181	89.94%	5.348%
4	6.507	6.453	6.542	BB	280576	2762531	84.91%	5.049%
5	7.136	7.088	7.225	BB	293786	2898798	89.09%	5.298%
6	8.307	8.245	8.378	BB	273480	2886495	88.72%	5.276%
7	9.912	9.872	9.977	BB	276956	3074968	94.51%	5.620%
8	11.357	11.310	11.403	BB	270716	3098893	95.24%	5.664%
9	11.680	11.625	11.738	BB	303465	3253610	100.00%	5.947%
10	12.670	12.630	12.708	BB	242161	2897467	89.05%	5.296%
11	13.116	13.078	13.160	BB	213636	2474788	76.06%	4.523%
12	13.283	13.243	13.335	BB	224409	2797161	85.97%	5.112%
13	13.871	13.828	13.915	BB	223018	2718940	83.57%	4.969%
14	14.975	14.925	15.015	BB	206118	2594124	79.73%	4.741%
15	15.998	15.947	16.048	BB	201397	2449139	75.27%	4.476%
16	16.949	16.883	17.007	BB	168971	2300993	70.72%	4.206%
17	17.839	17.800	17.897	BB	161622	2215902	68.11%	4.050%
18	18.675	18.612	18.727	BB	152633	2037377	62.62%	3.724%
19	19.460	19.420	19.502	BB	128446	1803580	55.43%	3.296%
20	20.201	20.160	20.260	BB	111015	1557268	47.86%	2.846%
21	20.971	20.893	21.050	BB	75755	1411730	43.39%	2.580%
22	21.939	21.880	22.010	BB	52545	1331528	40.92%	2.434%
			Sum of corrected areas:			54713182		

Aliphatic EPH 061825.M Wed Jun 18 15:24:52 2025

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

Inital Calibration Report for SequenceID : FE062725AL

AreaCount

Parameter Range	FE054608.D	FE054609.D	FE054610.D	FE054611.D	FE054612.D	
Aliphatic C9-C12	38319626.000	18841259.000	7903525.000	4345683.000	2255301.000	
Aliphatic C12-C16	26299885.000	12905734.000	5443215.000	2993160.000	1565455.000	
Aliphatic C16-C21	40647007.000	19884289.000	8390490.000	4604333.000	2408955.000	
Aliphatic C21-C28	54422256.000	26660814.000	11204648.000	6127397.000	3213117.000	
Aliphatic C28-C40	69156138.000	36606449.000	15572202.000	9126447.000	5222398.000	
Aliphatic EPH	228844912.000	114898545.000	48514080.000	27197020.000	14665226.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	136055.079333	8.044				
Aliphatic C12-C16	140568.128	8.513				
Aliphatic C16-C21	144393.643333	8.376				
Aliphatic C21-C28	144651.717	8.126				
Aliphatic C28-C40	138647.4919998	17.441				
Aliphatic EPH	140720.791333	11.192				

Concentration

Parameter Range	FE054608.D	FE054609.D	FE054610.D	FE054611.D	FE054612.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	FE054608.D	FE054609.D	FE054610.D	FE054611.D	FE054612.D	
Aliphatic C9-C12	127732.086666	125608.393333	131725.416666	144856.100000	150353.400000	
Aliphatic C12-C16	131499.425000	129057.340000	136080.375000	149658.000000	156545.500000	
Aliphatic C16-C21	135490.023333	132561.926666	139841.500000	153477.766666	160597.000000	

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

Inital Calibration Report for SequenceID : FE062725AL

Aliphatic C21-C28	136055.640000	133304.070000	140058.100000	153184.925000	160655.850000	
Aliphatic C28-C40	115260.230000	122021.496666	129768.350000	152107.450000	174079.933333	
Aliphatic EPH	127136.062222	127665.050000	134761.333333	151094.555555	162946.955555	

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054608.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 12:53
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Jun 27 14:25:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 14:25:10 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)	12.071	15261711	98.315 ug/ml
Spiked Amount	50.000		Recovery =	196.63%
12)	S 1-chlorooctadecane (S...	13.503	11912385	98.558 ug/ml
Spiked Amount	50.000		Recovery =	197.12%
	Target Compounds			
1)	T n-Nonane (C9)	3.421	12635864	98.501 ug/ml
2)	T n-Decane (C10)	4.676	12802268	98.438 ug/ml
3)	T A~Naphthalene (C11.7)	6.388	14212427	98.414 ug/ml
4)	T n-Dodecane (C12)	6.848	12881494	98.444 ug/ml
5)	T A~2-methylnaphthalene...	7.488	13806245	98.393 ug/ml
6)	T n-Tetradecane (C14)	8.683	12896740	98.170 ug/ml
7)	T n-Hexadecane (C16)	10.296	13403145	98.402 ug/ml
8)	T n-Octadecane (C18)	11.745	13738504	98.383 ug/ml
10)	T n-Eicosane (C20)	13.057	13489369	98.417 ug/ml
11)	T n-Heneicosane (C21)	13.671	13419134	98.460 ug/ml
13)	T n-Docosane (C22)	14.257	13479858	98.591 ug/ml
14)	T n-Tetracosane (C24)	15.363	13696854	98.641 ug/ml
15)	T n-Hexacosane (C26)	16.386	13694406	98.865 ug/ml
16)	T n-Octacosane (C28)	17.337	13551138	98.105 ug/ml
17)	T n-Tricontane (C30)	18.224	13754161	95.716 ug/ml
18)	T n-Dotriacontane (C32)	19.056	13143119	93.127 ug/ml
19)	T n-Tetratriacontane (C34)	19.839	12141560	91.978 ug/ml
20)	T n-Hexatriacontane (C36)	20.578	11077409	94.492 ug/ml
21)	T n-Octatriacontane (C38)	21.352	9810489	94.258 ug/ml
22)	T n-Tetracontane (C40)	22.334	9229400	95.208 ug/ml

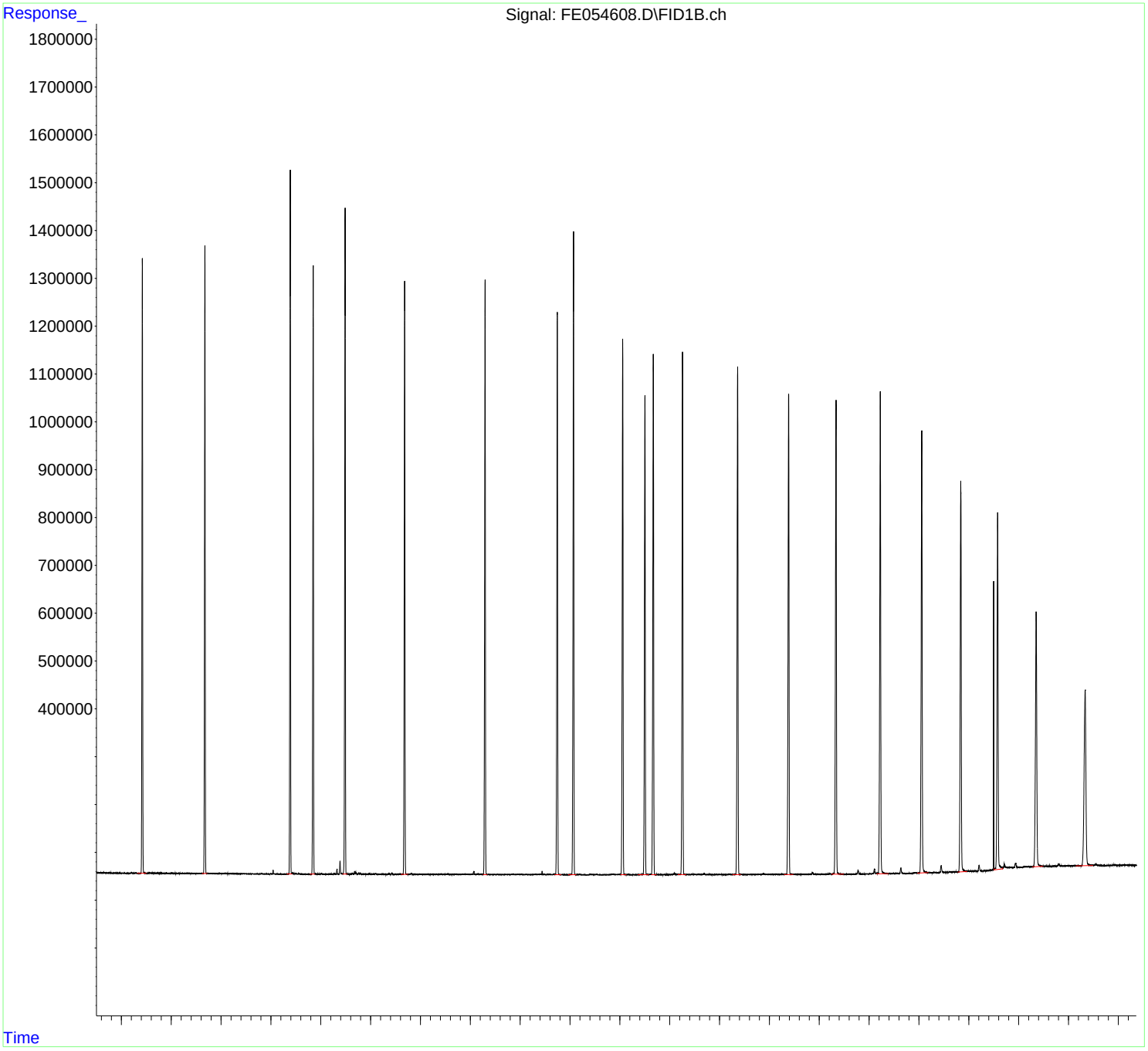
(f)=RT Delta > 1/2 Window (m)=manual int.

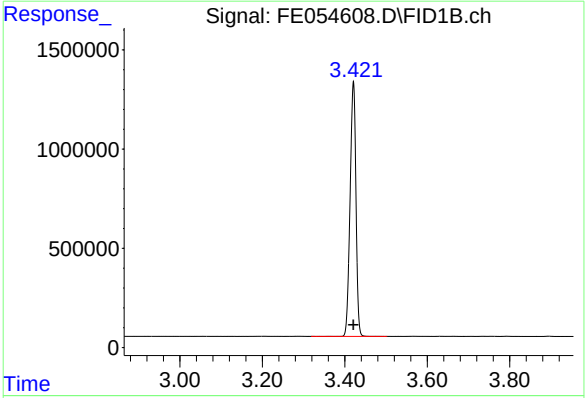
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054608.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 12:53
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Jun 27 14:25:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 14:25:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

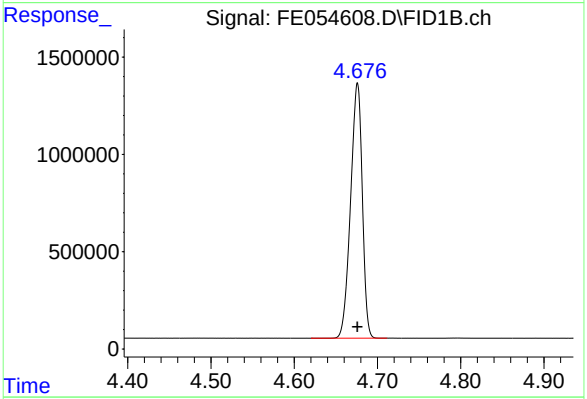




#1 n-Nonane (C9)

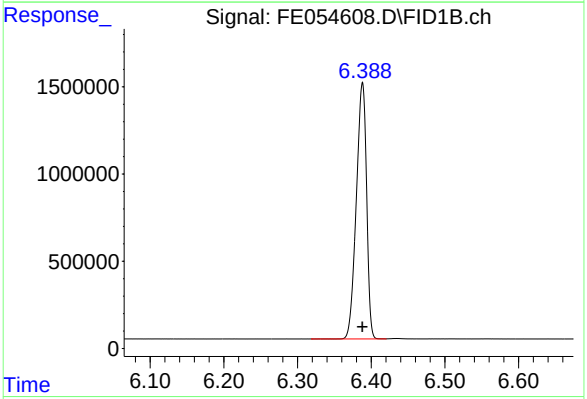
R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 12635864
Conc: 98.50 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



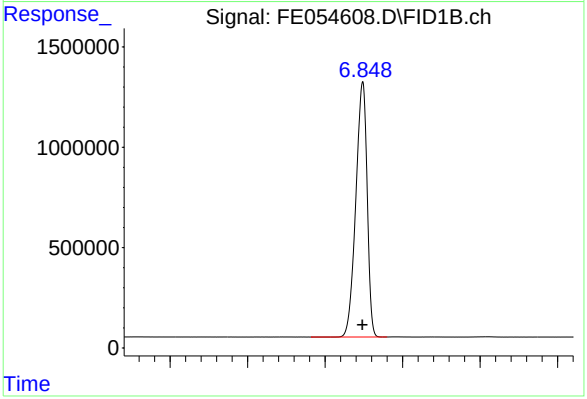
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: 0.000 min
Response: 12802268
Conc: 98.44 ug/ml



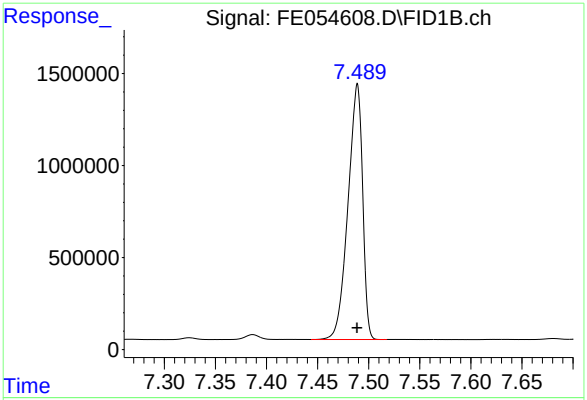
#3 A~Naphthalene (C11.7)

R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 14212427
Conc: 98.41 ug/ml



#4 n-Dodecane (C12)

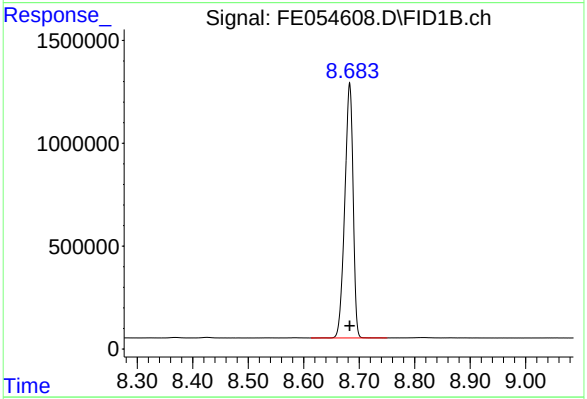
R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 12881494
Conc: 98.44 ug/ml



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

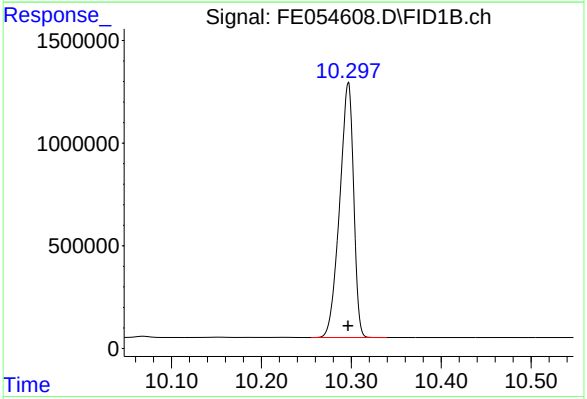
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 13806245
Conc: 98.39 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



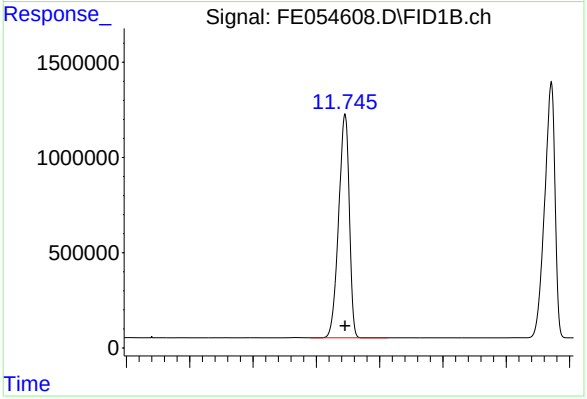
#6 n-Tetradecane (C14)

R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 12896740
Conc: 98.17 ug/ml



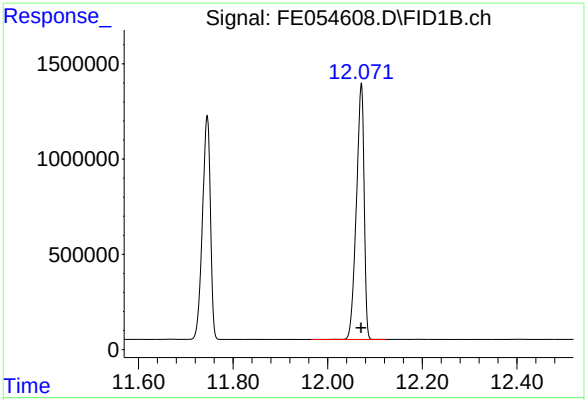
#7 n-Hexadecane (C16)

R.T.: 10.296 min
Delta R.T.: 0.000 min
Response: 13403145
Conc: 98.40 ug/ml



#8 n-Octadecane (C18)

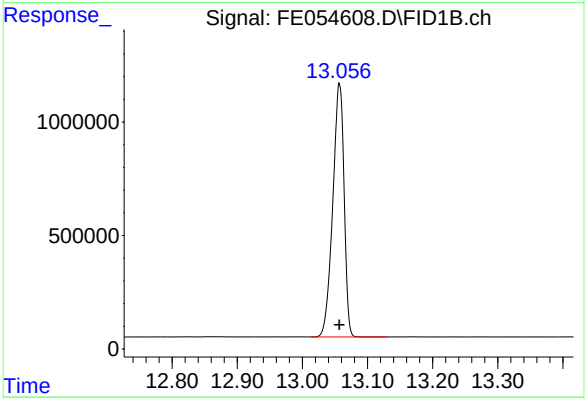
R.T.: 11.745 min
Delta R.T.: 0.000 min
Response: 13738504
Conc: 98.38 ug/ml



#9 ortho-Terphenyl (SURR)

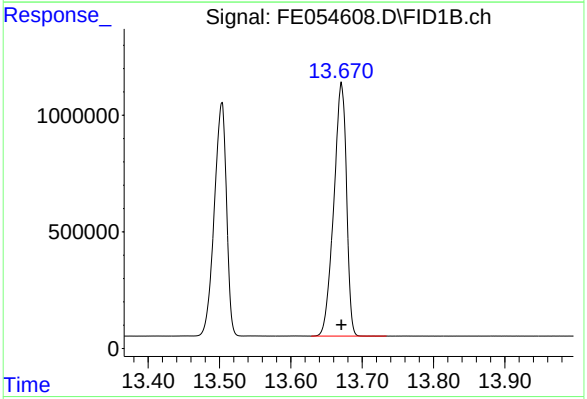
R.T.: 12.071 min
Delta R.T.: 0.000 min
Response: 15261711
Conc: 98.32 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



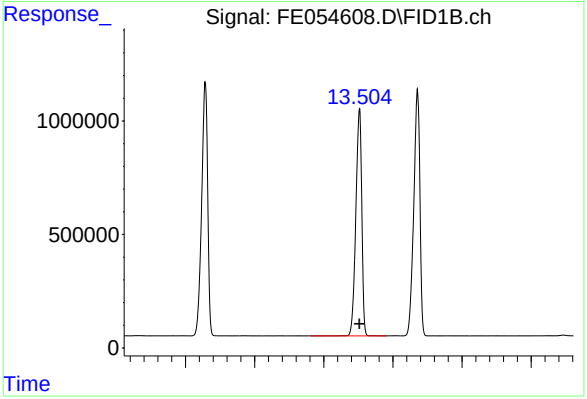
#10 n-Eicosane (C20)

R.T.: 13.057 min
Delta R.T.: 0.000 min
Response: 13489369
Conc: 98.42 ug/ml



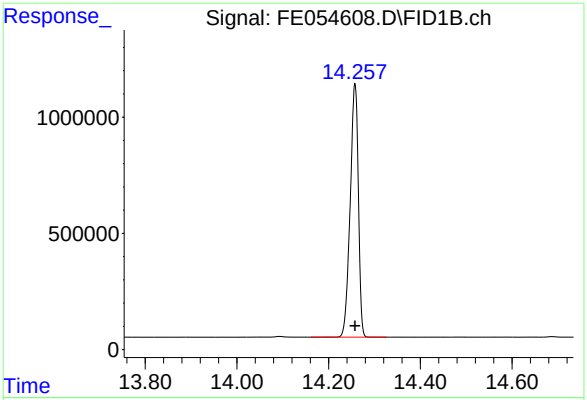
#11 n-Heneicosane (C21)

R.T.: 13.671 min
Delta R.T.: 0.000 min
Response: 13419134
Conc: 98.46 ug/ml



#12 1-chlorooctadecane (SURR)

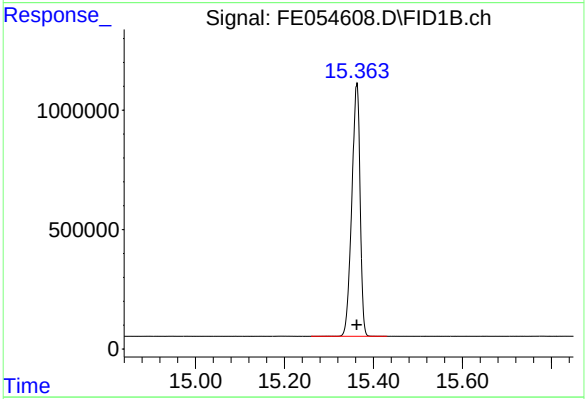
R.T.: 13.503 min
Delta R.T.: 0.000 min
Response: 11912385
Conc: 98.56 ug/ml



#13 n-Docosane (C22)

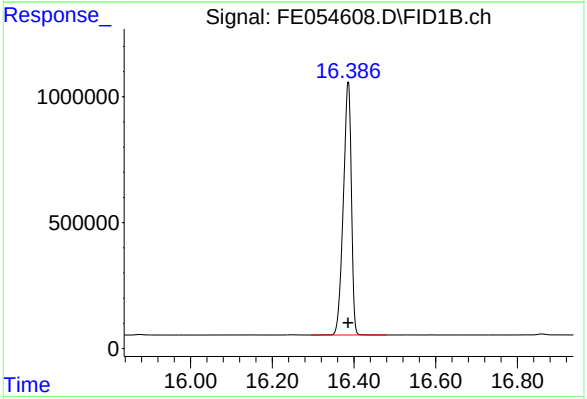
R.T.: 14.257 min
Delta R.T.: 0.000 min
Response: 13479858
Conc: 98.59 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



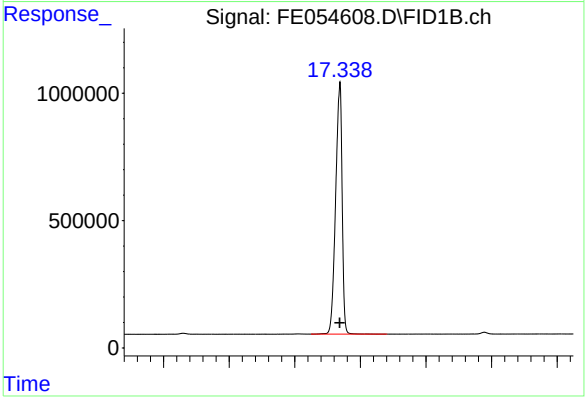
#14 n-Tetracosane (C24)

R.T.: 15.363 min
Delta R.T.: 0.000 min
Response: 13696854
Conc: 98.64 ug/ml



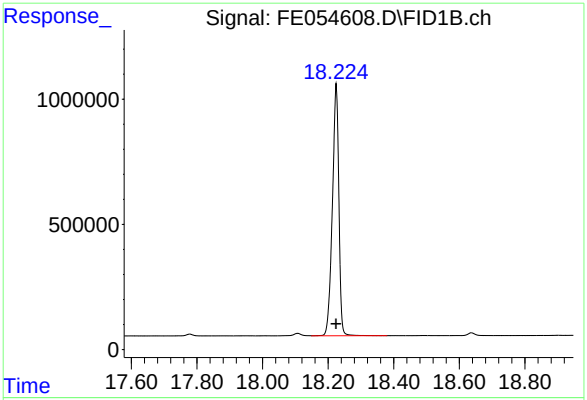
#15 n-Hexacosane (C26)

R.T.: 16.386 min
Delta R.T.: 0.000 min
Response: 13694406
Conc: 98.86 ug/ml



#16 n-Octacosane (C28)

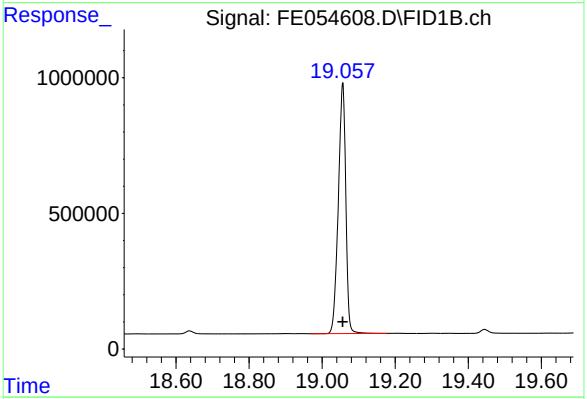
R.T.: 17.337 min
Delta R.T.: 0.000 min
Response: 13551138
Conc: 98.10 ug/ml



#17 n-Tricontane (C30)

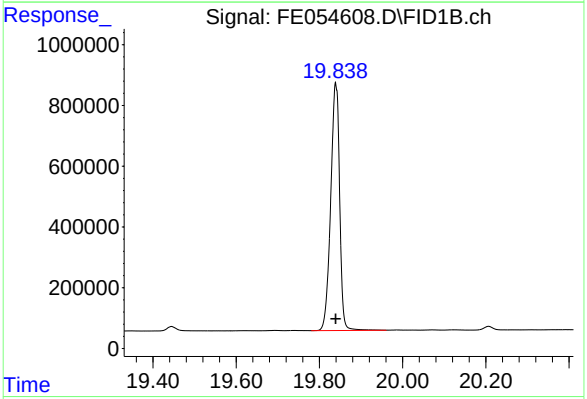
R.T.: 18.224 min
Delta R.T.: 0.000 min
Response: 13754161
Conc: 95.72 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



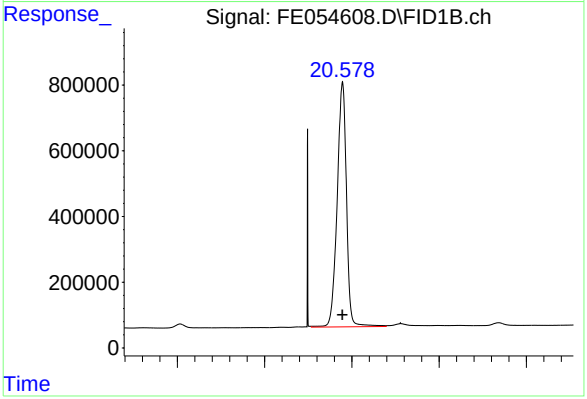
#18 n-Dotriacontane (C32)

R.T.: 19.056 min
Delta R.T.: 0.000 min
Response: 13143119
Conc: 93.13 ug/ml



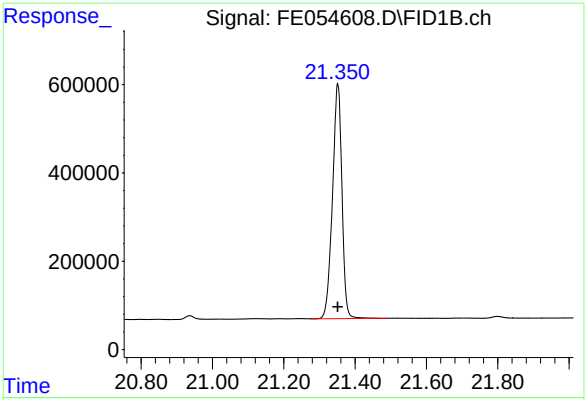
#19 n-Tetratriacontane (C34)

R.T.: 19.839 min
Delta R.T.: 0.000 min
Response: 12141560
Conc: 91.98 ug/ml



#20 n-Hexatriacontane (C36)

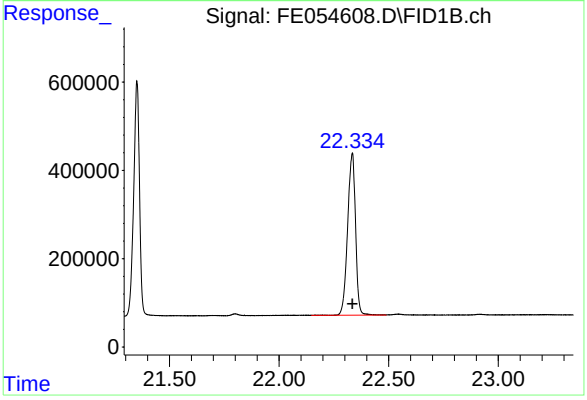
R.T.: 20.578 min
Delta R.T.: 0.000 min
Response: 11077409
Conc: 94.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.352 min
Delta R.T.: 0.000 min
Response: 9810489
Conc: 94.26 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.334 min
Delta R.T.: 0.000 min
Response: 9229400
Conc: 95.21 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054608.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 12:53
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.421	3.319	3.500	BB	1283528	12635864	82.79%	4.449%
2	4.676	4.620	4.710	BV	1312539	12802268	83.88%	4.507%
3	6.388	6.319	6.420	BV	1479361	14212427	93.12%	5.004%
4	6.848	6.782	6.879	BV	1278516	12881494	84.40%	4.535%
5	7.488	7.444	7.517	VV	1394772	13806245	90.46%	4.861%
6	8.683	8.614	8.749	PB	1234943	12896740	84.50%	4.541%
7	10.296	10.255	10.339	PB	1250423	13403145	87.82%	4.719%
8	11.745	11.692	11.810	VB	1176747	13738504	90.02%	4.837%
9	12.071	11.965	12.124	BB	1336962	15261711	100.00%	5.373%
10	13.057	13.014	13.129	PB	1115976	13489369	88.39%	4.749%
11	13.503	13.364	13.580	BV	997573	11912385	78.05%	4.194%
12	13.671	13.629	13.734	VB	1084496	13419134	87.93%	4.724%
13	14.257	14.162	14.325	BB	1093867	13479858	88.32%	4.746%
14	15.363	15.260	15.429	BB	1054542	13696854	89.75%	4.822%
15	16.386	16.295	16.479	BB	1005481	13694406	89.73%	4.821%
16	17.337	17.250	17.479	BB	985681	13551138	88.79%	4.771%
17	18.224	18.149	18.377	VB	1004571	13754161	90.12%	4.842%
18	19.056	18.970	19.175	BV	923456	13143119	86.12%	4.627%
19	19.839	19.780	19.960	BV	814419	12141560	79.56%	4.275%
20	20.578	20.507	20.679	VV	746760	11077409	72.58%	3.900%
21	21.352	21.277	21.487	BV	529504	9810489	64.28%	3.454%
22	22.334	22.147	22.489	BV	367080	9229400	60.47%	3.249%
			Sum of corrected areas:			284037678		

Aliphatic EPH 062725.M Sat Jun 28 02:13:46 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054609.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 13:23
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File: autoint1.e
Quant Time: Jun 27 14:26:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 14:26:43 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)	12.065	7472405	48.742 ug/ml
Spiked Amount	50.000		Recovery =	97.48%
12) S	1-chlorooctadecane (S...	13.499	5810376	48.698 ug/ml
Spiked Amount	50.000		Recovery =	97.40%
	Target Compounds			
1) T	n-Nonane (C9)	3.418	6226788	49.017 ug/ml
2) T	n-Decane (C10)	4.673	6290394	48.900 ug/ml
3) T	A~Naphthalene (C11.7)	6.384	6971284	48.835 ug/ml
4) T	n-Dodecane (C12)	6.845	6324077	48.874 ug/ml
5) T	A~2-methylnaphthalene...	7.484	6781515	48.874 ug/ml
6) T	n-Tetradecane (C14)	8.679	6340887	48.831 ug/ml
7) T	n-Hexadecane (C16)	10.292	6564847	48.783 ug/ml
8) T	n-Octadecane (C18)	11.741	6726768	48.766 ug/ml
10) T	n-Eicosane (C20)	13.053	6597648	48.742 ug/ml
11) T	n-Heneicosane (C21)	13.666	6559873	48.739 ug/ml
13) T	n-Docosane (C22)	14.254	6582801	48.749 ug/ml
14) T	n-Tetracosane (C24)	15.358	6691637	48.779 ug/ml
15) T	n-Hexacosane (C26)	16.381	6698709	48.895 ug/ml
16) T	n-Octacosane (C28)	17.331	6687667	48.933 ug/ml
17) T	n-Tricontane (C30)	18.220	7024431	49.250 ug/ml
18) T	n-Dotriacontane (C32)	19.053	7061554	50.024 ug/ml
19) T	n-Tetratriacontane (C34)	19.836	6627704	50.139 ug/ml
20) T	n-Hexatriacontane (C36)	20.576	5878224	50.095 ug/ml
21) T	n-Octatriacontane (C38)	21.348	5181070	49.853 ug/ml
22) T	n-Tetracontane (C40)	22.327	4833466	49.907 ug/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054609.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 13:23
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 7 Sample Multiplier: 1

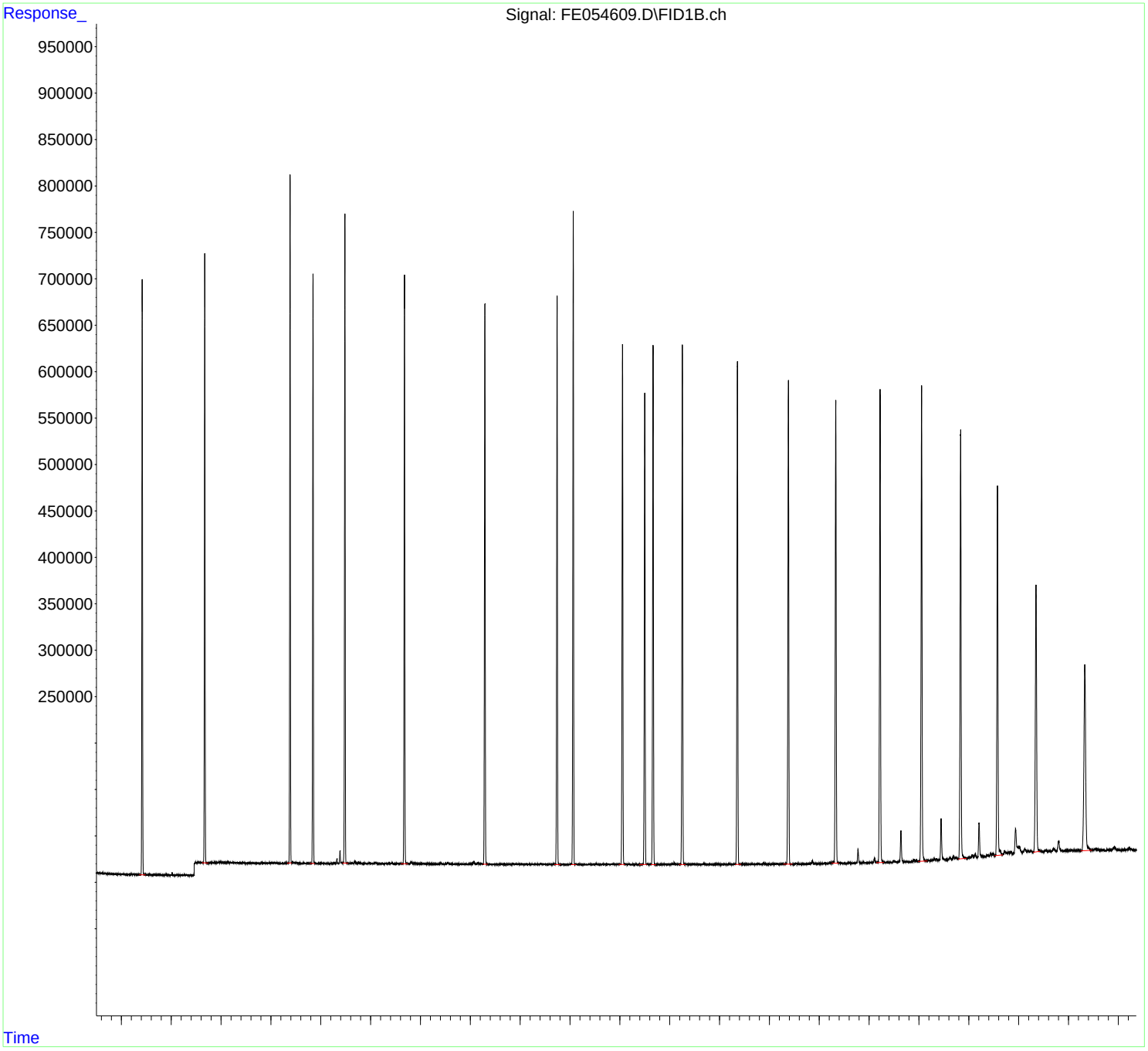
Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

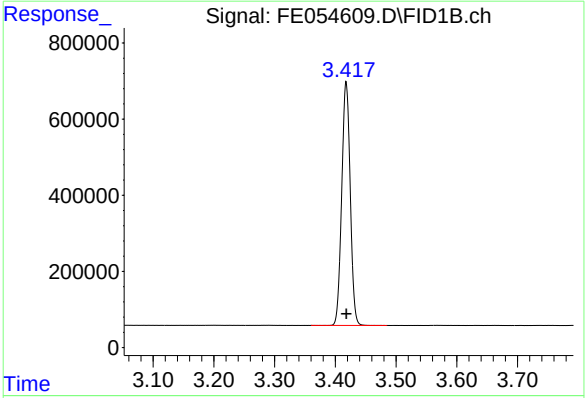
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File: autoint1.e
Quant Time: Jun 27 14:26:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 14:26:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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





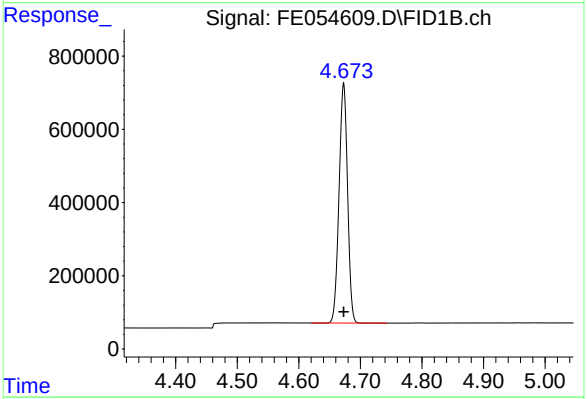
#1 n-Nonane (C9)

R.T.: 3.418 min
Delta R.T.: 0.000 min
Response: 6226788
Conc: 49.02 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

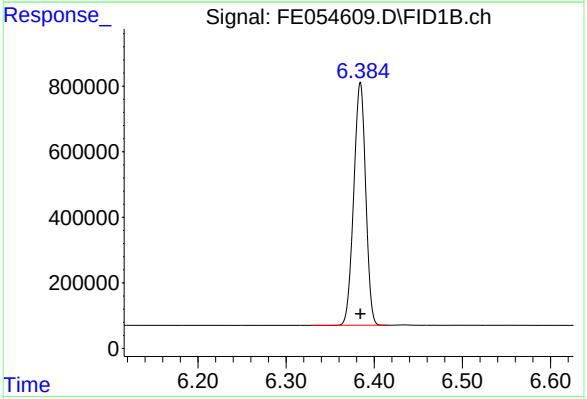
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



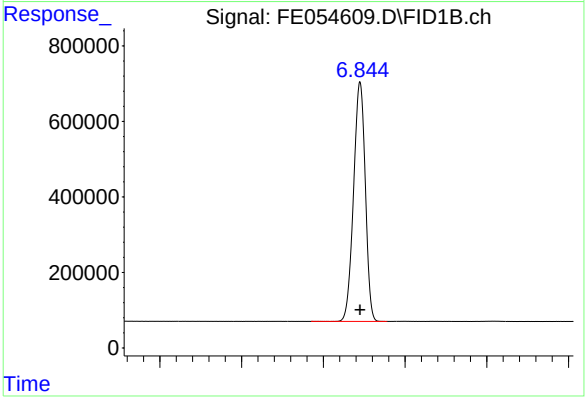
#2 n-Decane (C10)

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 6290394
Conc: 48.90 ug/ml



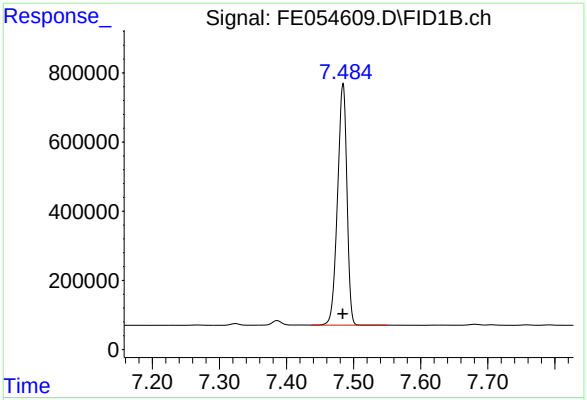
#3 A~Naphthalene (C11.7)

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 6971284
Conc: 48.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 6324077
Conc: 48.87 ug/ml



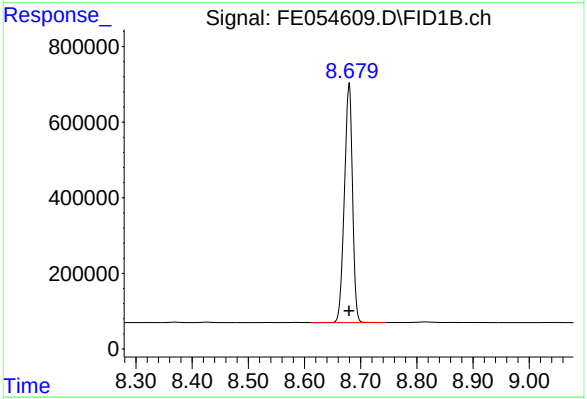
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 6781515
Conc: 48.87 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

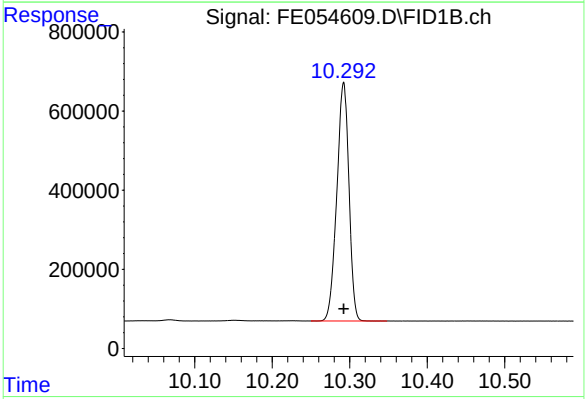
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



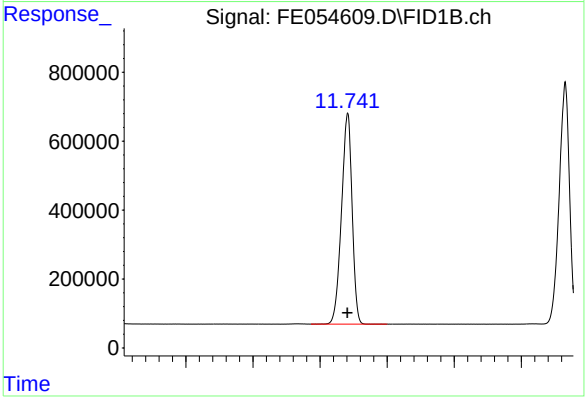
#6 n-Tetradecane (C14)

R.T.: 8.679 min
Delta R.T.: 0.000 min
Response: 6340887
Conc: 48.83 ug/ml



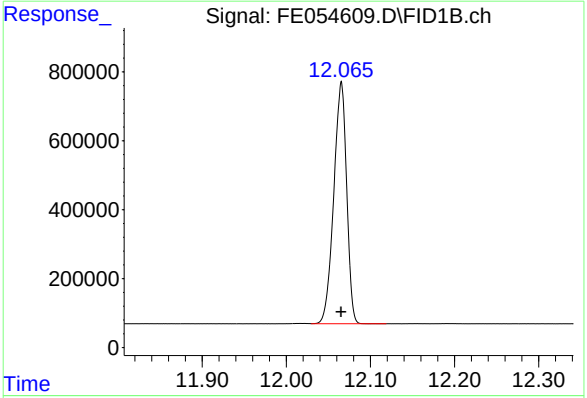
#7 n-Hexadecane (C16)

R.T.: 10.292 min
Delta R.T.: 0.000 min
Response: 6564847
Conc: 48.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.741 min
Delta R.T.: 0.000 min
Response: 6726768
Conc: 48.77 ug/ml



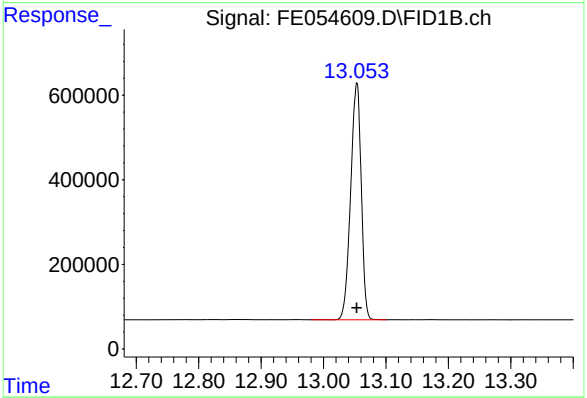
#9 ortho-Terphenyl (SURR)

R.T.: 12.065 min
Delta R.T.: 0.000 min
Response: 7472405
Conc: 48.74 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

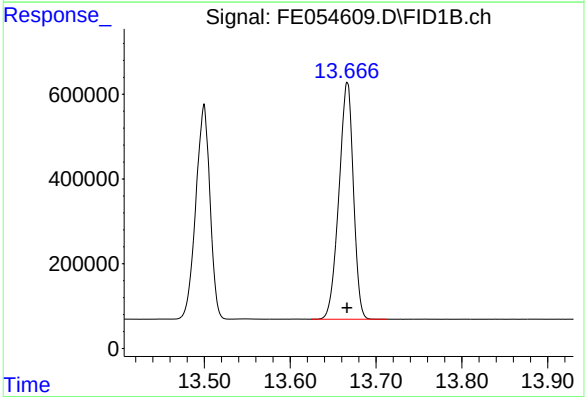
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



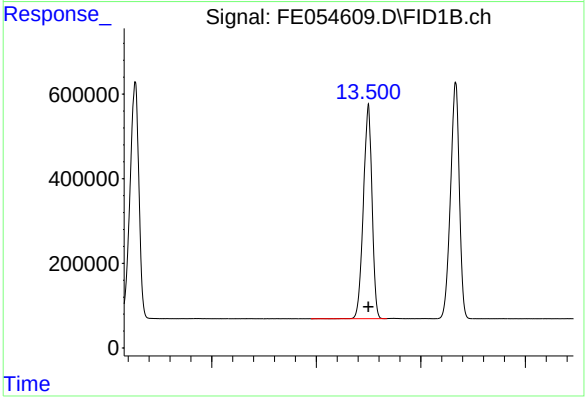
#10 n-Eicosane (C20)

R.T.: 13.053 min
Delta R.T.: 0.000 min
Response: 6597648
Conc: 48.74 ug/ml



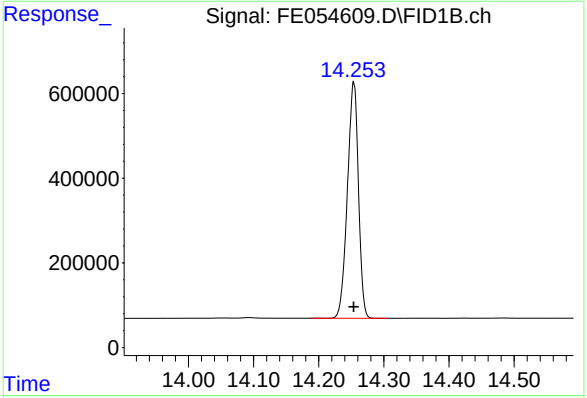
#11 n-Heneicosane (C21)

R.T.: 13.666 min
Delta R.T.: 0.000 min
Response: 6559873
Conc: 48.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.499 min
Delta R.T.: 0.000 min
Response: 5810376
Conc: 48.70 ug/ml



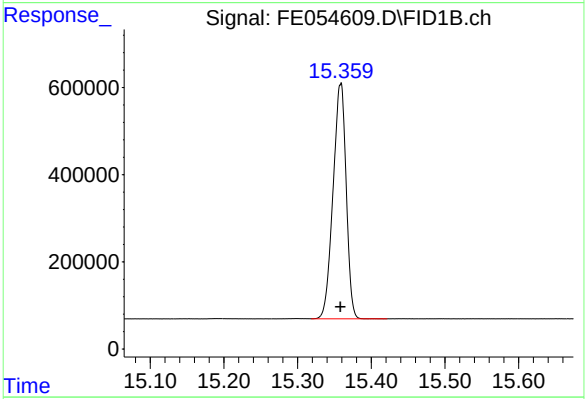
#13 n-Docosane (C22)

R.T.: 14.254 min
Delta R.T.: 0.000 min
Response: 6582801
Conc: 48.75 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

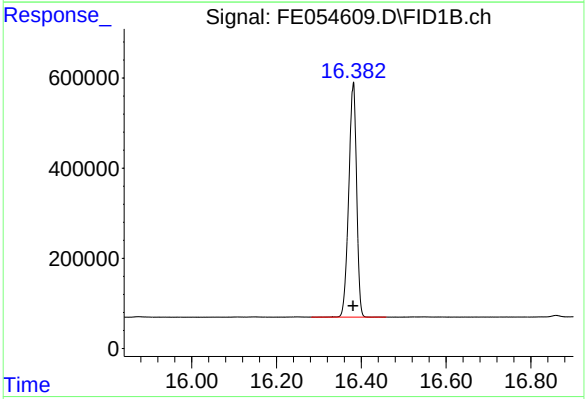
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



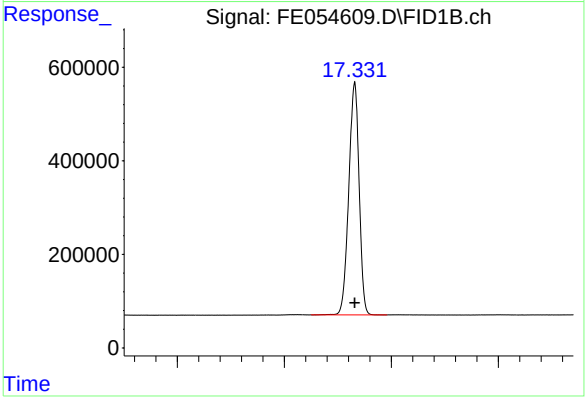
#14 n-Tetracosane (C24)

R.T.: 15.358 min
Delta R.T.: 0.000 min
Response: 6691637
Conc: 48.78 ug/ml



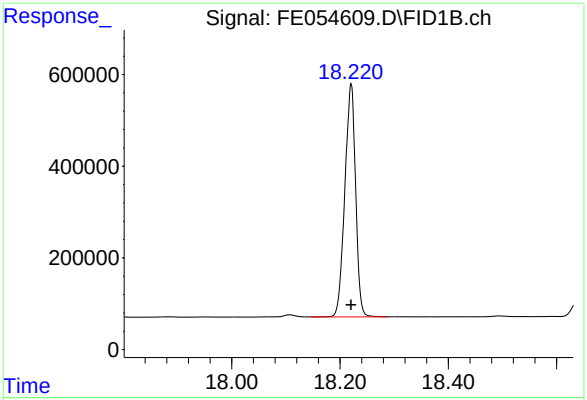
#15 n-Hexacosane (C26)

R.T.: 16.381 min
Delta R.T.: 0.000 min
Response: 6698709
Conc: 48.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.331 min
Delta R.T.: 0.000 min
Response: 6687667
Conc: 48.93 ug/ml



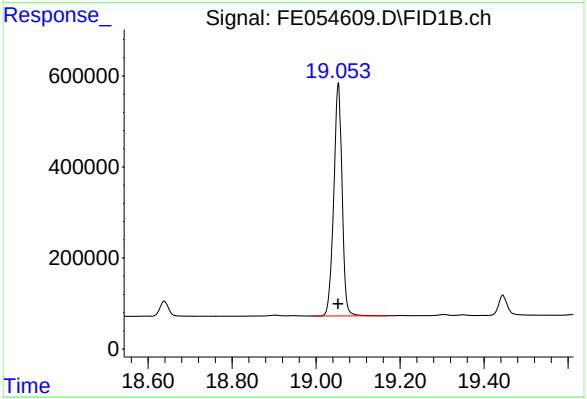
#17 n-Tricontane (C30)

R.T.: 18.220 min
Delta R.T.: 0.000 min
Response: 7024431
Conc: 49.25 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

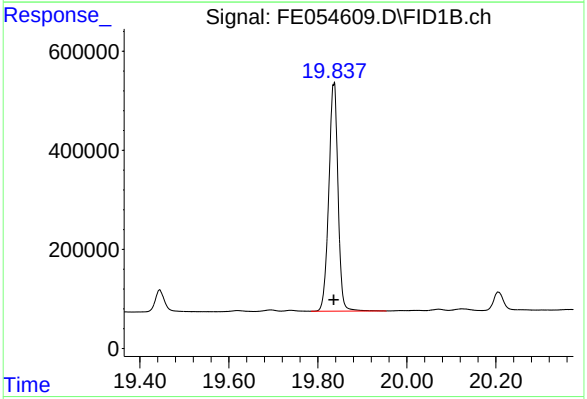
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



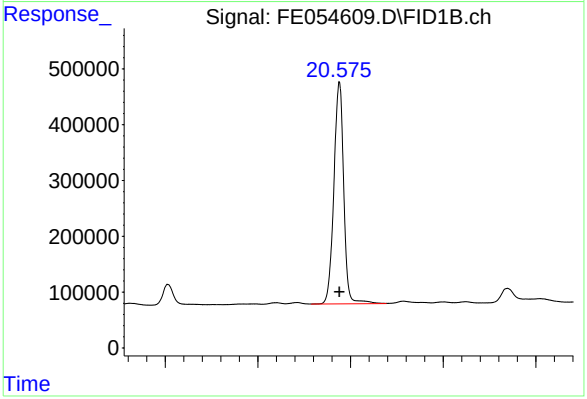
#18 n-Dotriacontane (C32)

R.T.: 19.053 min
Delta R.T.: 0.000 min
Response: 7061554
Conc: 50.02 ug/ml



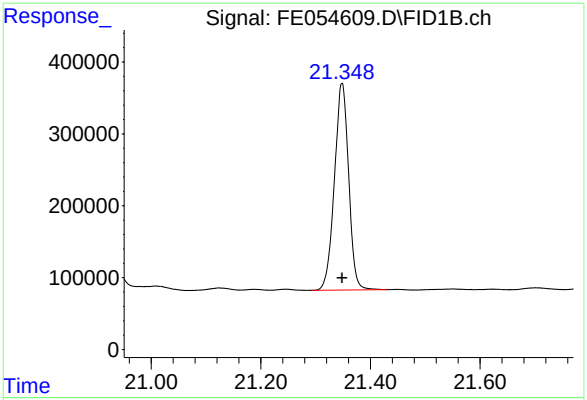
#19 n-Tetratriacontane (C34)

R.T.: 19.836 min
Delta R.T.: 0.000 min
Response: 6627704
Conc: 50.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.576 min
Delta R.T.: 0.000 min
Response: 5878224
Conc: 50.09 ug/ml



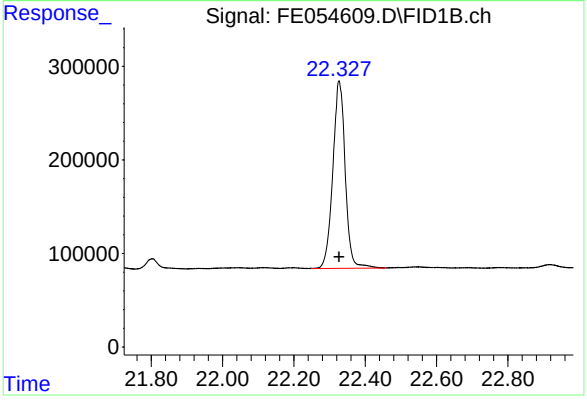
#21 n-Octatriacontane (C38)

R.T.: 21.348 min
Delta R.T.: 0.000 min
Response: 5181070
Conc: 49.85 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



#22 n-Tetracontane (C40)

R.T.: 22.327 min
Delta R.T.: 0.000 min
Response: 4833466
Conc: 49.91 ug/ml

rteres

Instrument :
FID_E
LabSampleId :
50 PPM ALIPHATIC HC STD2

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE06272
Data File : FE054609.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 13:23
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.418	3.360	3.484	BB	636637	6226788	83.33%	4.387%
2	4.673	4.620	4.742	BB	656352	6290394	84.18%	4.432%
3	6.384	6.329	6.414	BV	740919	6971284	93.29%	4.912%
4	6.845	6.785	6.877	BV	635637	6324077	84.63%	4.456%
5	7.484	7.437	7.549	BB	696784	6781515	90.75%	4.778%
6	8.679	8.612	8.745	BB	627912	6340887	84.86%	4.467%
7	10.292	10.250	10.347	BB	602896	6564847	87.85%	4.625%
8	11.741	11.687	11.799	VB	609597	6726768	90.02%	4.739%
9	12.065	12.030	12.119	VB	704192	7472405	100.00%	5.265%
10	13.053	12.980	13.100	BB	562485	6597648	88.29%	4.648%
11	13.499	13.390	13.534	BV	501995	5810376	77.76%	4.094%
12	13.666	13.625	13.712	PB	560211	6559873	87.79%	4.622%
13	14.254	14.189	14.304	BB	559020	6582801	88.09%	4.638%
14	15.358	15.319	15.420	VB	539298	6691637	89.55%	4.715%
15	16.381	16.282	16.459	BB	513585	6698709	89.65%	4.720%
16	17.331	17.250	17.390	BV	499581	6687667	89.50%	4.712%
17	18.220	18.147	18.285	VB	509924	7024431	94.00%	4.949%
18	19.053	18.989	19.167	BB	510669	7061554	94.50%	4.975%
19	19.836	19.785	19.954	VV	457918	6627704	88.70%	4.670%
20	20.576	20.515	20.677	VV	398656	5878224	78.67%	4.142%
21	21.348	21.292	21.429	PV	287822	5181070	69.34%	3.650%
22	22.327	22.249	22.459	BV	200256	4833466	64.68%	3.405%
			Sum of corrected areas:			141934123		

Aliphatic EPH 062725.M Sat Jun 28 02:15:27 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054610.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 13:53
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Jun 27 14:22:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 14:22:06 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)	12.062	3156943	20.000 ug/ml
Spiked Amount	50.000		Recovery =	40.00%
12) S	1-chlorooctadecane (S...	13.497	2452207	20.000 ug/ml
Spiked Amount	50.000		Recovery =	40.00%
	Target Compounds			
1) T	n-Nonane (C9)	3.417	2604070	20.000 ug/ml
2) T	n-Decane (C10)	4.672	2641707	20.000 ug/ml
3) T	A~Naphthalene (C11.7)	6.383	2934117	20.000 ug/ml
4) T	n-Dodecane (C12)	6.844	2657748	20.000 ug/ml
5) T	A~2-methylnaphthalene...	7.482	2851436	20.000 ug/ml
6) T	n-Tetradecane (C14)	8.677	2675509	20.000 ug/ml
7) T	n-Hexadecane (C16)	10.290	2767706	20.000 ug/ml
8) T	n-Octadecane (C18)	11.737	2838043	20.000 ug/ml
10) T	n-Eicosane (C20)	13.050	2784649	20.000 ug/ml
11) T	n-Heneicosane (C21)	13.664	2767798	20.000 ug/ml
13) T	n-Docosane (C22)	14.251	2773055	20.000 ug/ml
14) T	n-Tetracosane (C24)	15.356	2814871	20.000 ug/ml
15) T	n-Hexacosane (C26)	16.378	2801775	20.000 ug/ml
16) T	n-Octacosane (C28)	17.329	2814947	20.000 ug/ml
17) T	n-Tricontane (C30)	18.217	2997062	20.000 ug/ml
18) T	n-Dotriacontane (C32)	19.050	3016622	20.000 ug/ml
19) T	n-Tetratriacontane (C34)	19.834	2851871	20.000 ug/ml
20) T	n-Hexatriacontane (C36)	20.572	2473790	20.000 ug/ml
21) T	n-Octatriacontane (C38)	21.345	2201144	20.000 ug/ml
22) T	n-Tetracontane (C40)	22.321	2031713	20.000 ug/ml

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

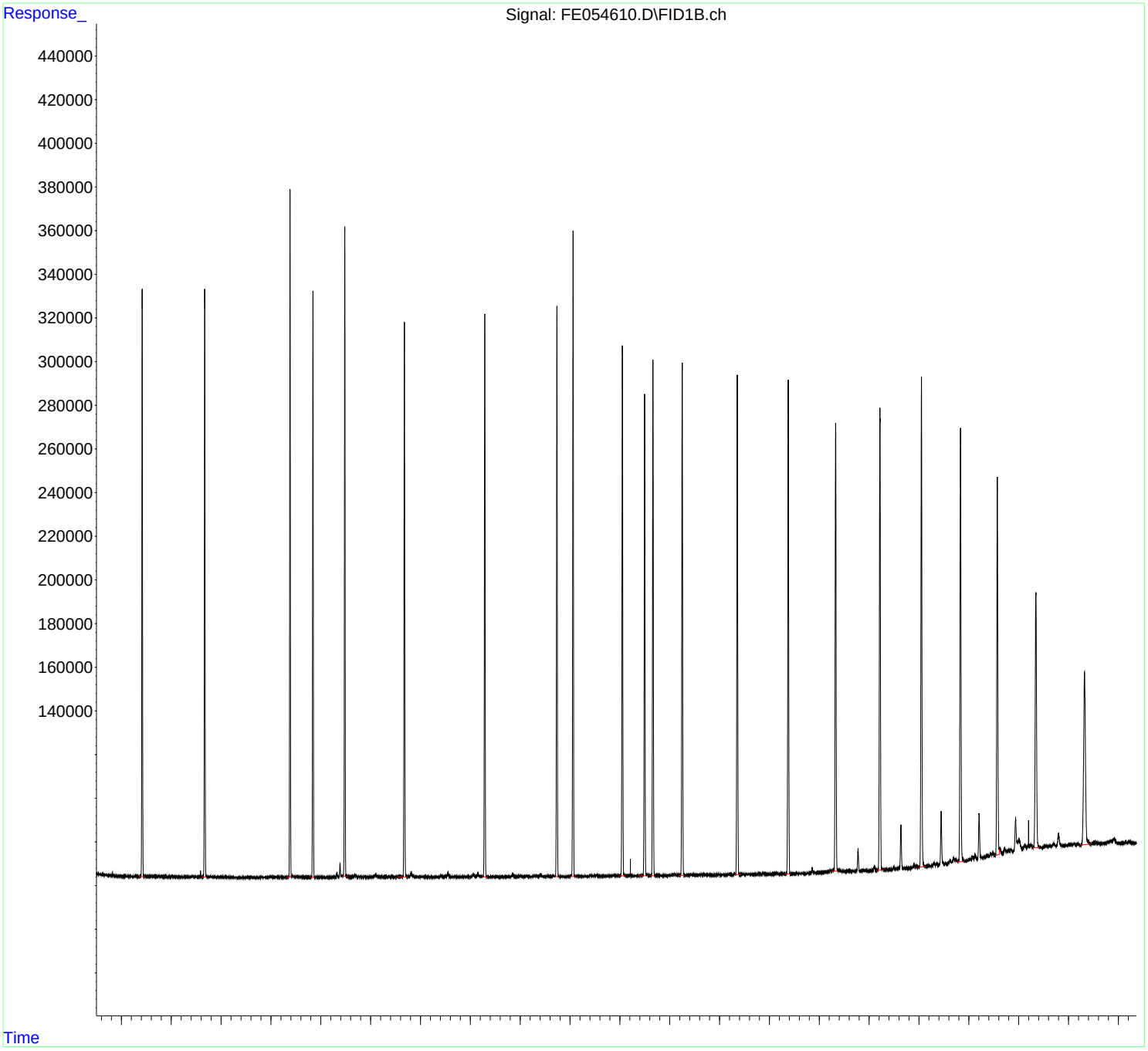
Quantitation Report (QT Reviewed)

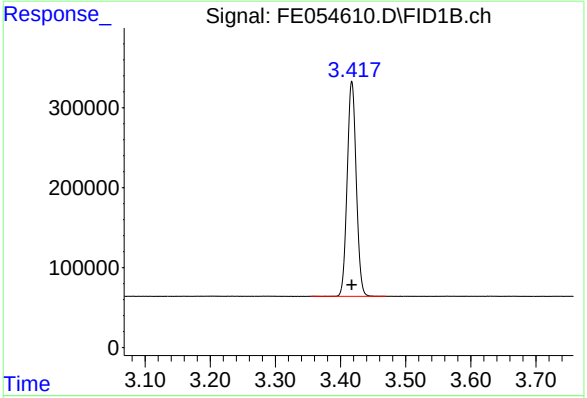
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054610.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 13:53
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Jun 27 14:22:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 14:22:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

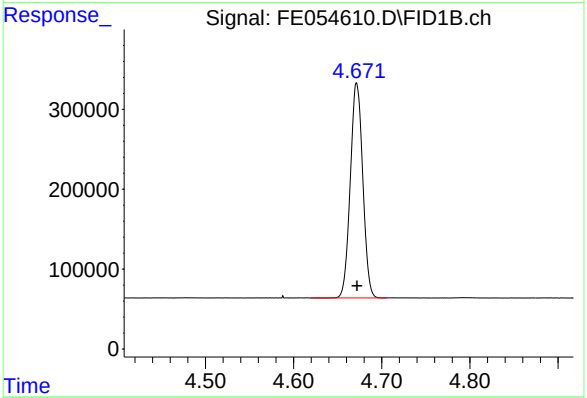




#1 n-Nonane (C9)

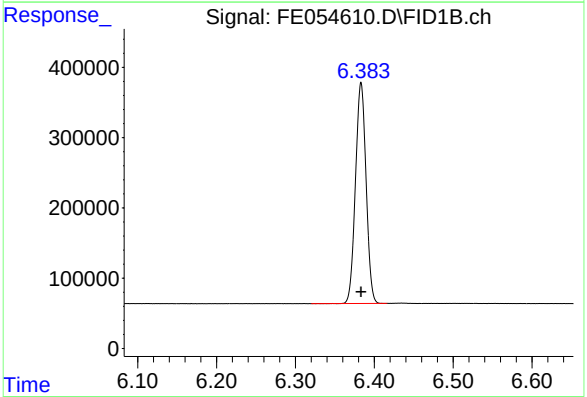
R.T.: 3.417 min
Delta R.T.: 0.000 min
Response: 2604070
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



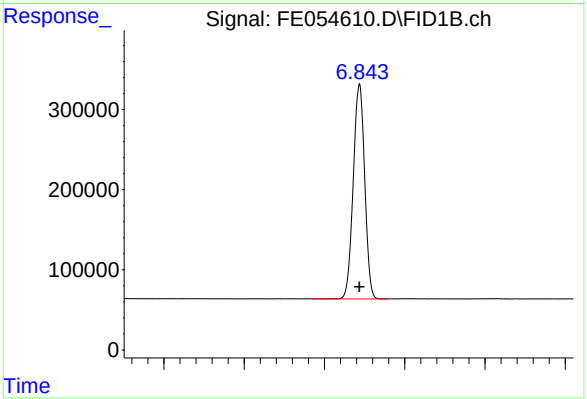
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 2641707
Conc: 20.00 ug/ml



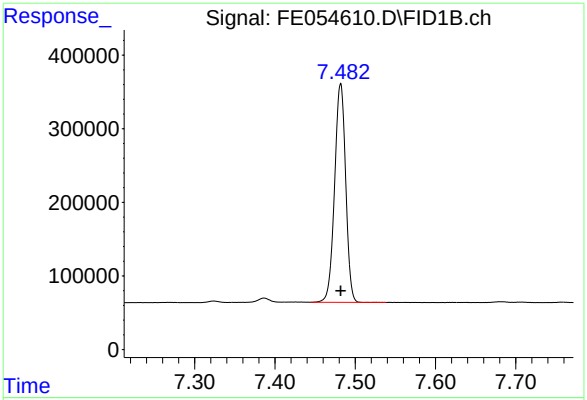
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 2934117
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

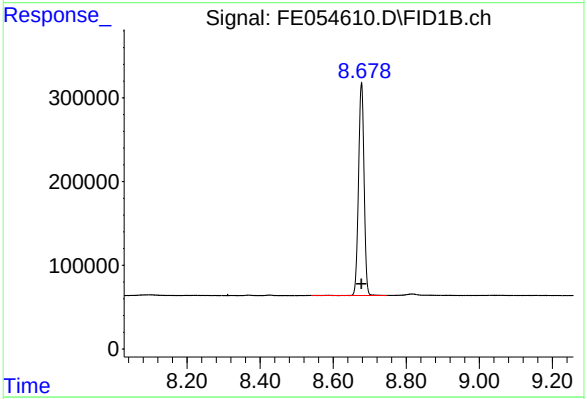
R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 2657748
Conc: 20.00 ug/ml



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

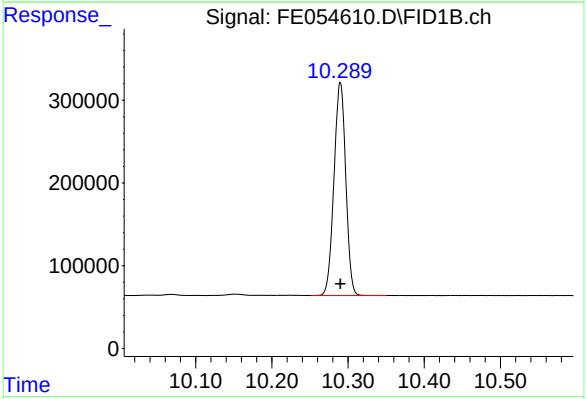
R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 2851436
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



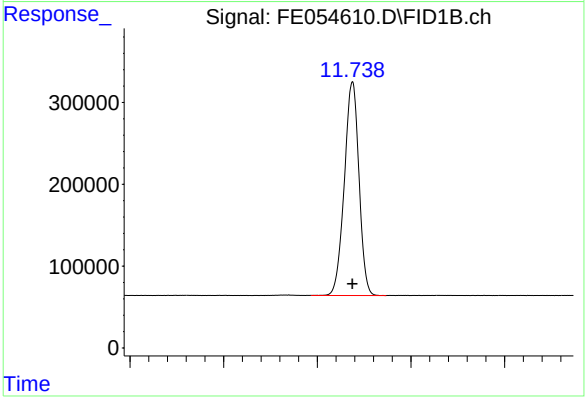
#6 n-Tetradecane (C14)

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 2675509
Conc: 20.00 ug/ml



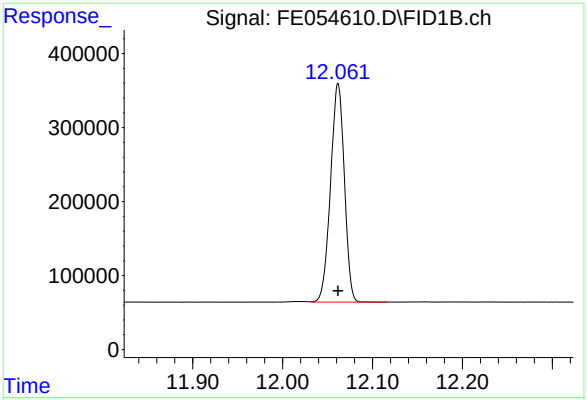
#7 n-Hexadecane (C16)

R.T.: 10.290 min
Delta R.T.: 0.000 min
Response: 2767706
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

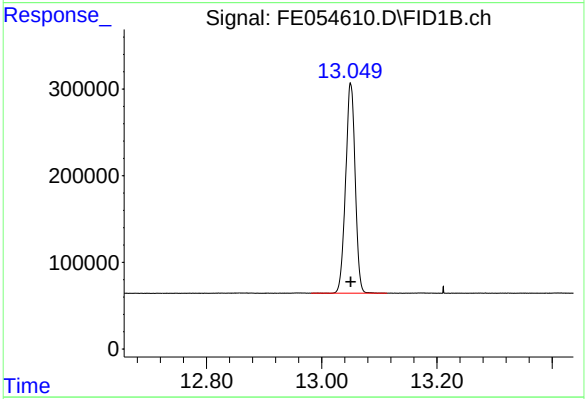
R.T.: 11.737 min
Delta R.T.: 0.000 min
Response: 2838043
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

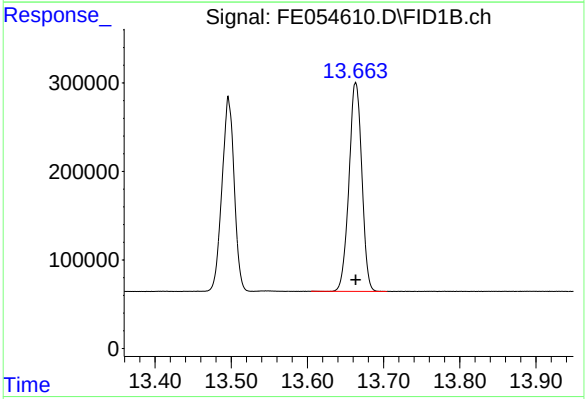
R.T.: 12.062 min
Delta R.T.: 0.000 min
Response: 3156943
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



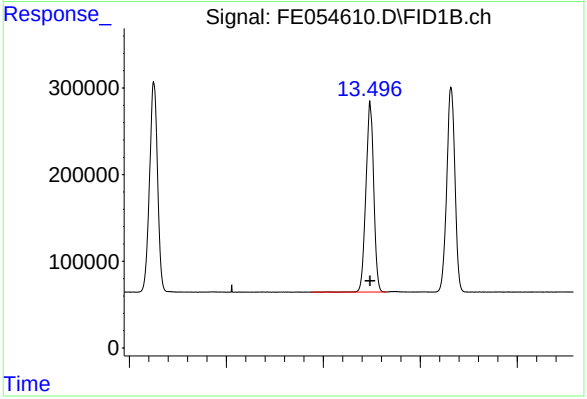
#10 n-Eicosane (C20)

R.T.: 13.050 min
Delta R.T.: 0.000 min
Response: 2784649
Conc: 20.00 ug/ml



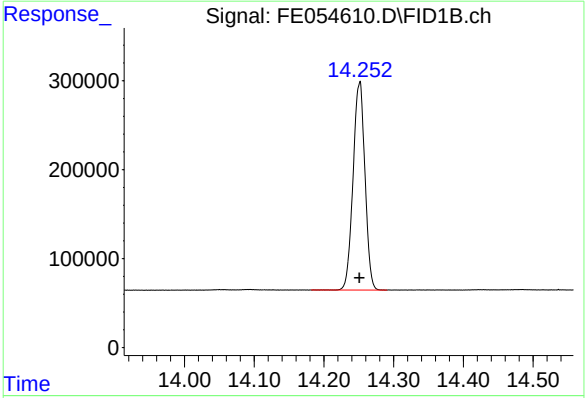
#11 n-Heneicosane (C21)

R.T.: 13.664 min
Delta R.T.: 0.000 min
Response: 2767798
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

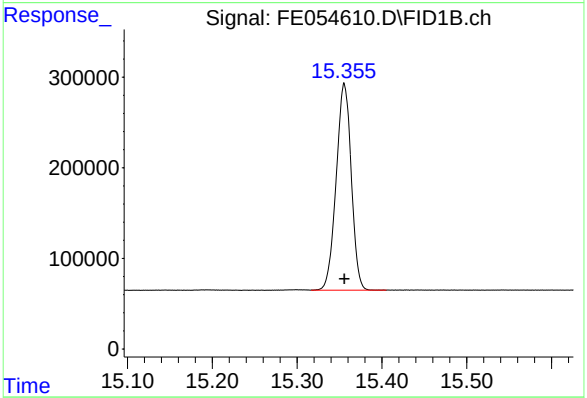
R.T.: 13.497 min
Delta R.T.: 0.000 min
Response: 2452207
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

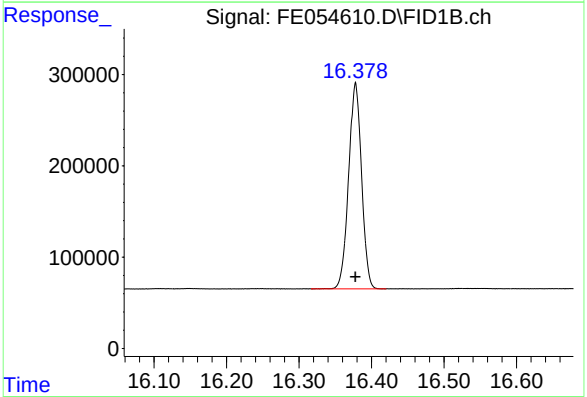
R.T.: 14.251 min
Delta R.T.: 0.000 min
Response: 2773055
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



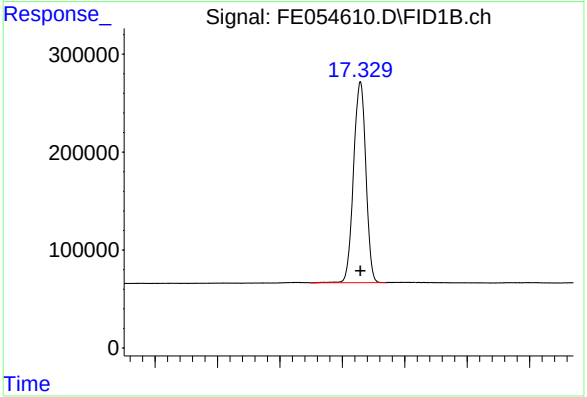
#14 n-Tetracosane (C24)

R.T.: 15.356 min
Delta R.T.: 0.000 min
Response: 2814871
Conc: 20.00 ug/ml



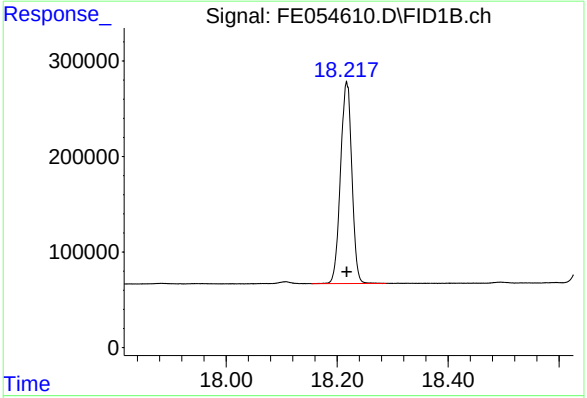
#15 n-Hexacosane (C26)

R.T.: 16.378 min
Delta R.T.: 0.000 min
Response: 2801775
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

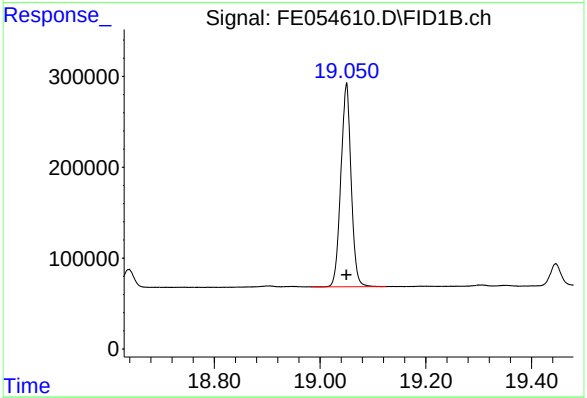
R.T.: 17.329 min
Delta R.T.: 0.000 min
Response: 2814947
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

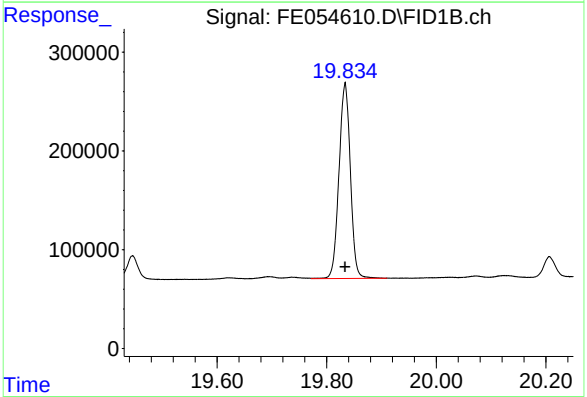
R.T.: 18.217 min
Delta R.T.: 0.000 min
Response: 2997062
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



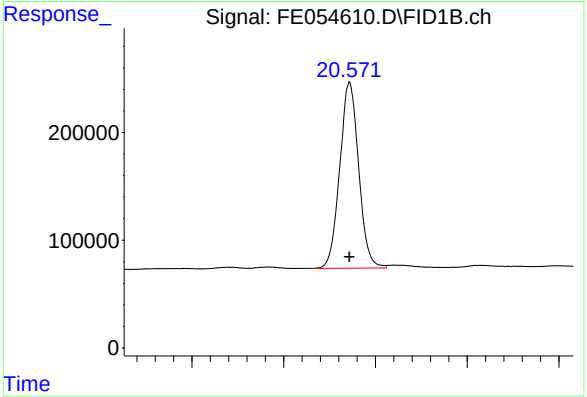
#18 n-Dotriacontane (C32)

R.T.: 19.050 min
Delta R.T.: 0.000 min
Response: 3016622
Conc: 20.00 ug/ml



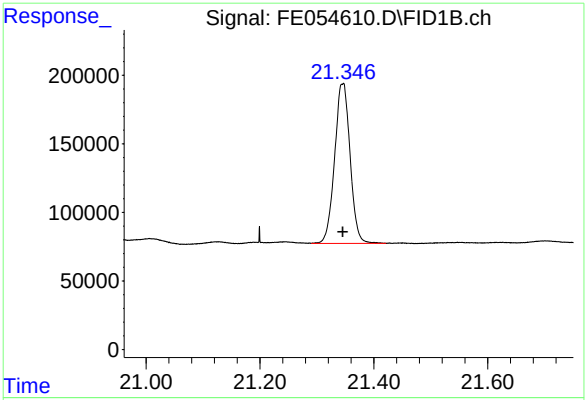
#19 n-Tetratriacontane (C34)

R.T.: 19.834 min
Delta R.T.: 0.000 min
Response: 2851871
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

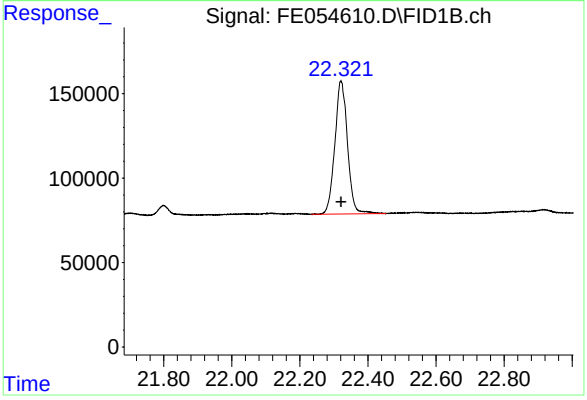
R.T.: 20.572 min
Delta R.T.: 0.000 min
Response: 2473790
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.345 min
Delta R.T.: 0.000 min
Response: 2201144
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.321 min
Delta R.T.: 0.000 min
Response: 2031713
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054610.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 13:53
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.417	3.355	3.470	BB	269063	2604070	82.49%	4.347%
2	4.672	4.620	4.705	BB	268277	2641707	83.68%	4.410%
3	6.383	6.320	6.415	BV	314891	2934117	92.94%	4.898%
4	6.844	6.783	6.877	BV	268290	2657748	84.19%	4.436%
5	7.482	7.445	7.538	BB	297241	2851436	90.32%	4.760%
6	8.677	8.540	8.745	BB	253033	2675509	84.75%	4.466%
7	10.290	10.252	10.350	BB	257624	2767706	87.67%	4.620%
8	11.737	11.693	11.773	BB	260719	2838043	89.90%	4.737%
9	12.062	12.032	12.115	VB	295794	3156943	100.00%	5.270%
10	13.050	12.982	13.112	BB	242032	2784649	88.21%	4.648%
11	13.497	13.375	13.530	BV	216935	2452207	77.68%	4.093%
12	13.664	13.605	13.703	BB	235623	2767798	87.67%	4.620%
13	14.251	14.182	14.289	BB	232009	2773055	87.84%	4.629%
14	15.356	15.317	15.405	VB	228102	2814871	89.16%	4.699%
15	16.378	16.317	16.420	BB	225943	2801775	88.75%	4.677%
16	17.329	17.250	17.370	BV	205609	2814947	89.17%	4.699%
17	18.217	18.153	18.288	BB	210880	2997062	94.94%	5.003%
18	19.050	18.983	19.125	BB	224239	3016622	95.56%	5.035%
19	19.834	19.772	19.908	VB	197877	2851871	90.34%	4.760%
20	20.572	20.530	20.612	BV	172986	2473790	78.36%	4.129%
21	21.345	21.290	21.422	VV	116171	2201144	69.72%	3.674%
22	22.321	22.233	22.453	BV	78611	2031713	64.36%	3.391%
			Sum of corrected areas:			59908781		

Aliphatic EPH 062725.M Sat Jun 28 02:16:17 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054611.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 14:23
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Jun 27 14:51:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 14:51:43 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)	12.061	1724999	10.911 ug/ml
Spiked Amount	50.000		Recovery =	21.82%
12) S	1-chlorooctadecane (S...	13.496	1337321	10.880 ug/ml
Spiked Amount	50.000		Recovery =	21.76%
	Target Compounds			
1) T	n-Nonane (C9)	3.418	1430994	10.920 ug/ml
2) T	n-Decane (C10)	4.672	1453045	10.941 ug/ml
3) T	A~Naphthalene (C11.7)	6.383	1612580	10.942 ug/ml
4) T	n-Dodecane (C12)	6.843	1461644	10.942 ug/ml
5) T	A~2-methylnaphthalene...	7.481	1563539	10.922 ug/ml
6) T	n-Tetradecane (C14)	8.677	1478055	11.002 ug/ml
7) T	n-Hexadecane (C16)	10.289	1515105	10.915 ug/ml
8) T	n-Octadecane (C18)	11.737	1554612	10.923 ug/ml
10) T	n-Eicosane (C20)	13.049	1530215	10.948 ug/ml
11) T	n-Heneicosane (C21)	13.663	1519506	10.937 ug/ml
13) T	n-Docosane (C22)	14.251	1512806	10.876 ug/ml
14) T	n-Tetracosane (C24)	15.354	1537308	10.878 ug/ml
15) T	n-Hexacosane (C26)	16.377	1534827	10.876 ug/ml
16) T	n-Octacosane (C28)	17.327	1542456	10.934 ug/ml
17) T	n-Tricontane (C30)	18.215	1692830	11.339 ug/ml
18) T	n-Dotriacontane (C32)	19.048	1774595	11.812 ug/ml
19) T	n-Tetratriacontane (C34)	19.833	1678325	11.895 ug/ml
20) T	n-Hexatriacontane (C36)	20.572	1485639	11.871 ug/ml
21) T	n-Octatriacontane (C38)	21.343	1300115	11.771 ug/ml
22) T	n-Tetracontane (C40)	22.322	1194943	11.657 ug/ml

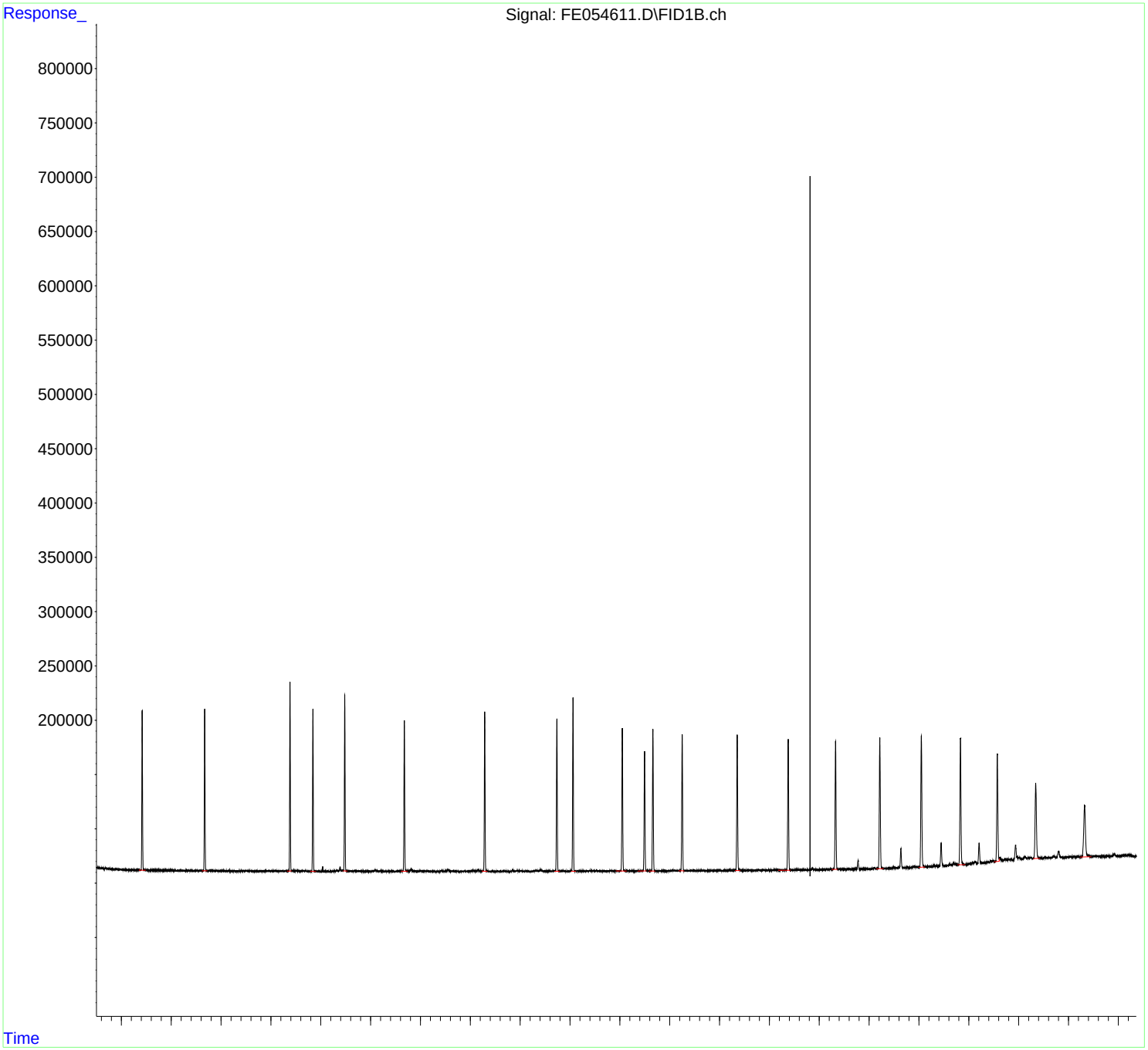
(f)=RT Delta > 1/2 Window (m)=manual int.

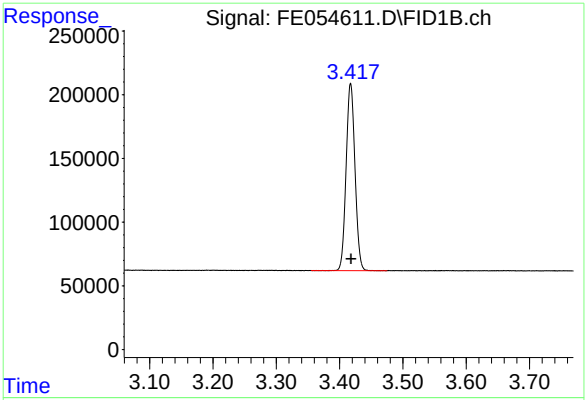
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054611.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 14:23
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Jun 27 14:51:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 14:51:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

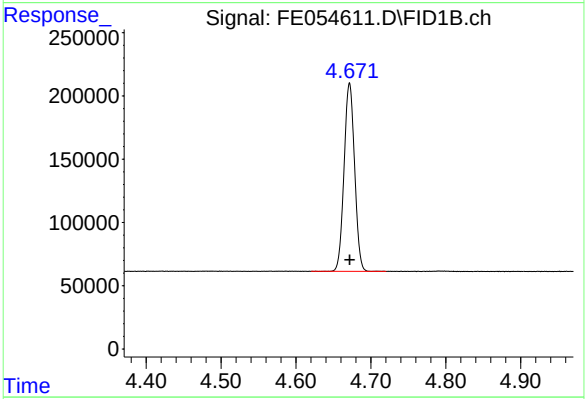




#1 n-Nonane (C9)

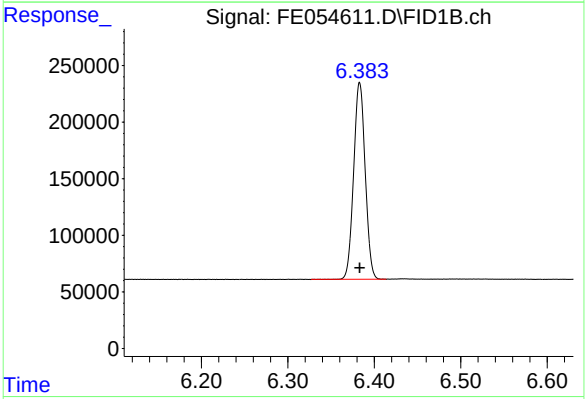
R.T.: 3.418 min
Delta R.T.: 0.000 min
Response: 1430994
Conc: 10.92 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



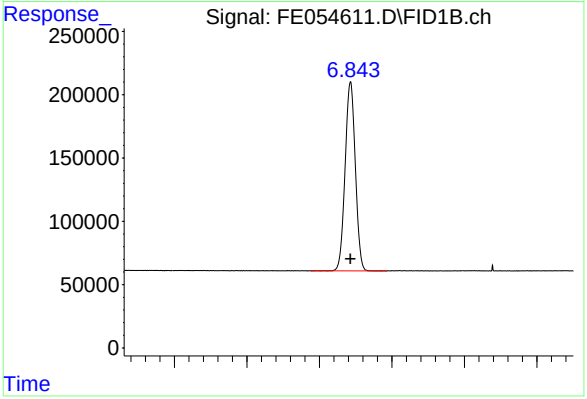
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 1453045
Conc: 10.94 ug/ml



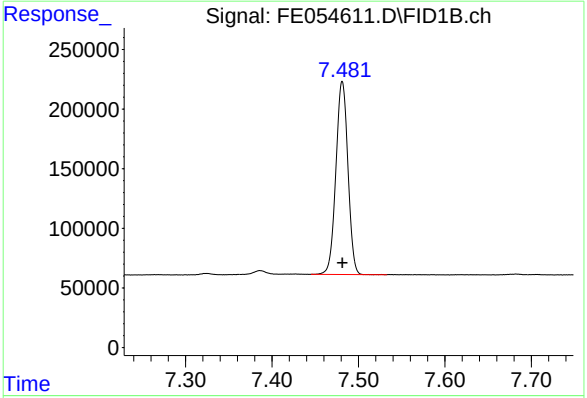
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 1612580
Conc: 10.94 ug/ml



#4 n-Dodecane (C12)

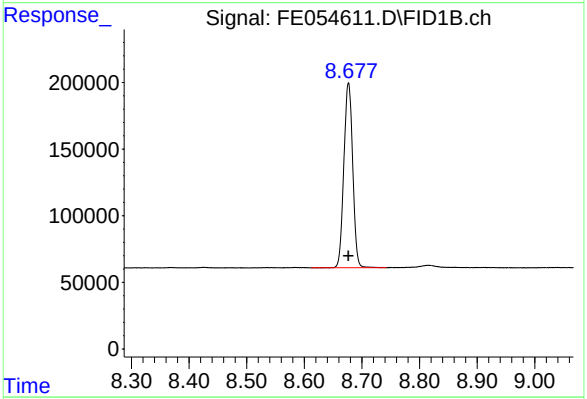
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 1461644
Conc: 10.94 ug/ml



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

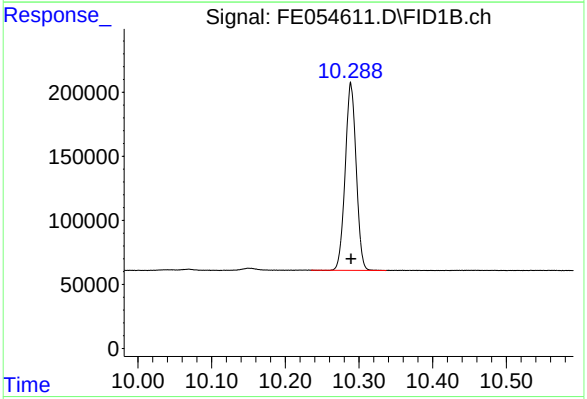
R.T.: 7.481 min
Delta R.T.: 0.000 min
Response: 1563539
Conc: 10.92 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



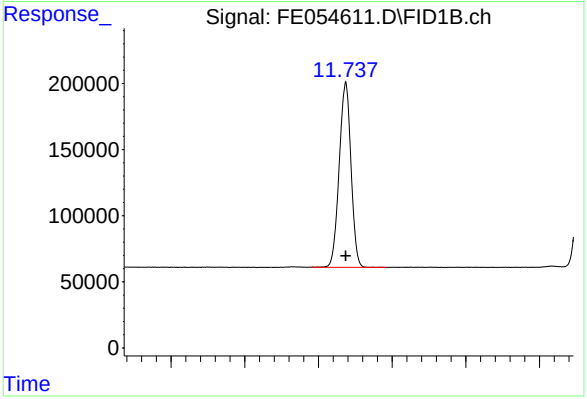
#6 n-Tetradecane (C14)

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 1478055
Conc: 11.00 ug/ml



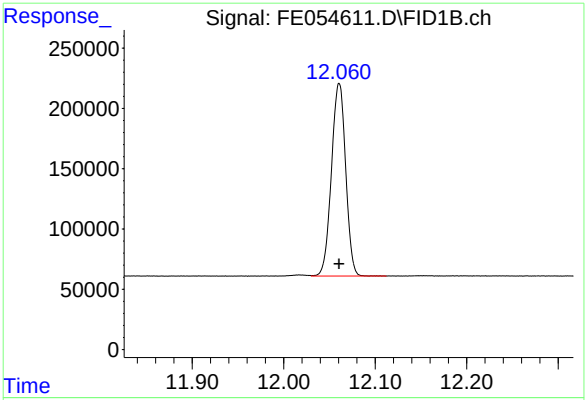
#7 n-Hexadecane (C16)

R.T.: 10.289 min
Delta R.T.: 0.000 min
Response: 1515105
Conc: 10.92 ug/ml



#8 n-Octadecane (C18)

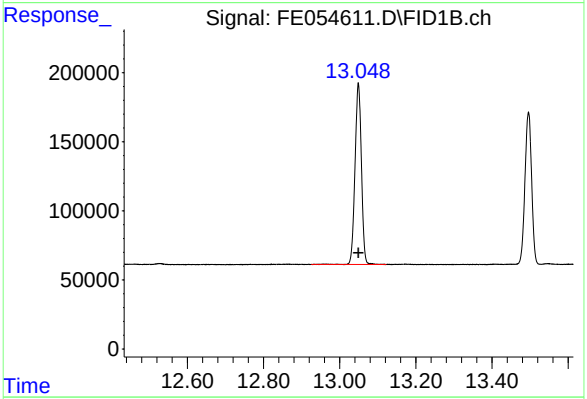
R.T.: 11.737 min
Delta R.T.: 0.000 min
Response: 1554612
Conc: 10.92 ug/ml



#9 ortho-Terphenyl (SURR)

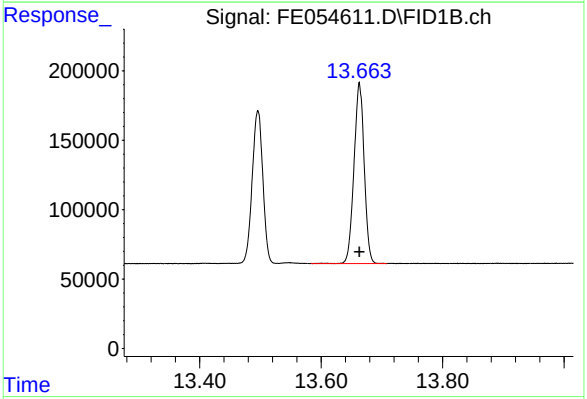
R.T.: 12.061 min
Delta R.T.: 0.000 min
Response: 1724999
Conc: 10.91 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



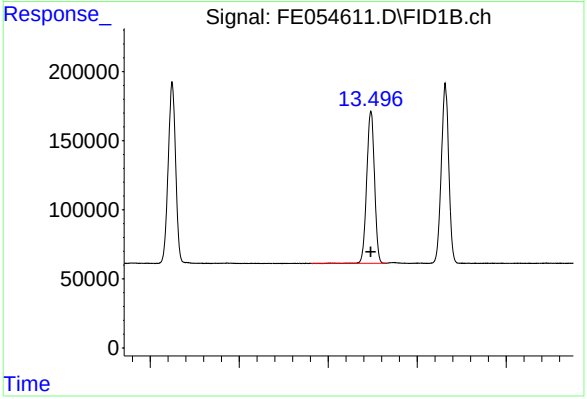
#10 n-Eicosane (C20)

R.T.: 13.049 min
Delta R.T.: 0.000 min
Response: 1530215
Conc: 10.95 ug/ml



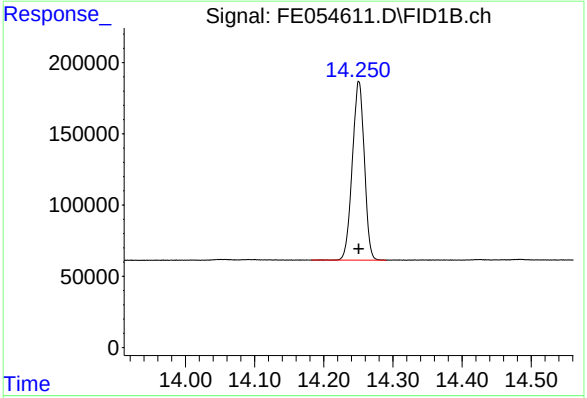
#11 n-Heneicosane (C21)

R.T.: 13.663 min
Delta R.T.: 0.000 min
Response: 1519506
Conc: 10.94 ug/ml



#12 1-chlorooctadecane (SURR)

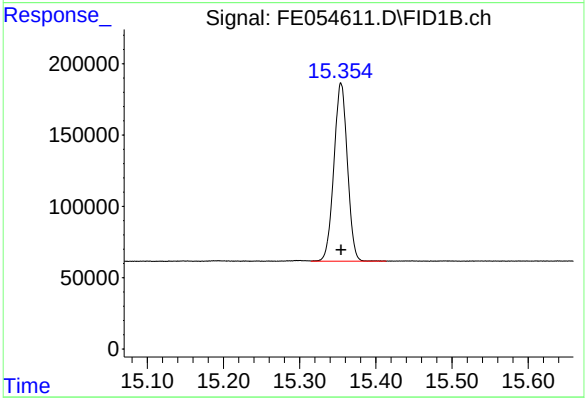
R.T.: 13.496 min
Delta R.T.: 0.000 min
Response: 1337321
Conc: 10.88 ug/ml



#13 n-Docosane (C22)

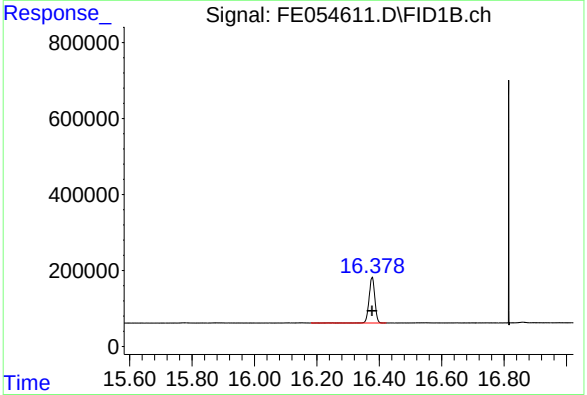
R.T.: 14.251 min
Delta R.T.: 0.000 min
Response: 1512806
Conc: 10.88 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



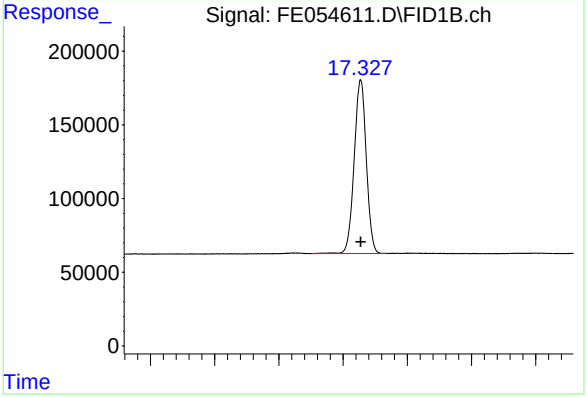
#14 n-Tetracosane (C24)

R.T.: 15.354 min
Delta R.T.: 0.000 min
Response: 1537308
Conc: 10.88 ug/ml



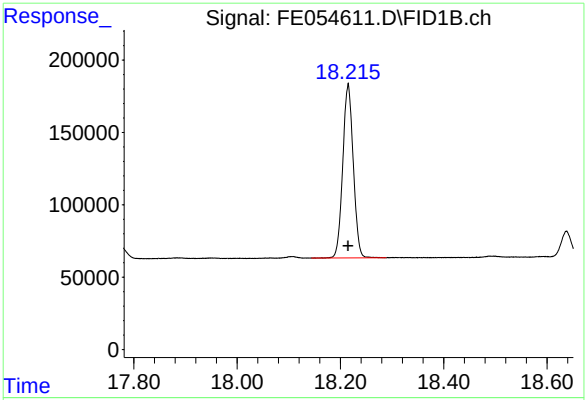
#15 n-Hexacosane (C26)

R.T.: 16.377 min
Delta R.T.: 0.000 min
Response: 1534827
Conc: 10.88 ug/ml



#16 n-Octacosane (C28)

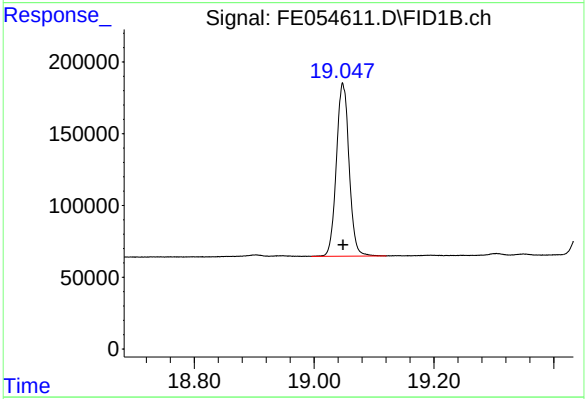
R.T.: 17.327 min
Delta R.T.: 0.000 min
Response: 1542456
Conc: 10.93 ug/ml



#17 n-Tricontane (C30)

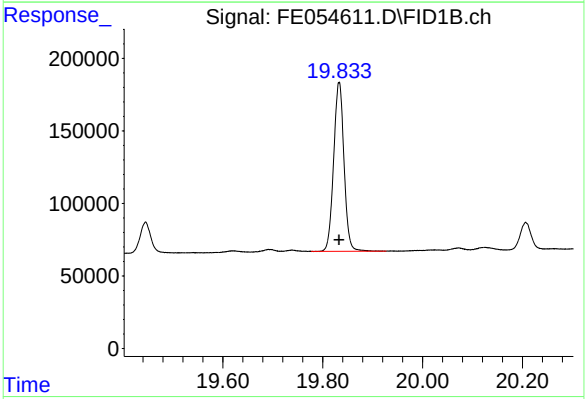
R.T.: 18.215 min
Delta R.T.: 0.000 min
Response: 1692830
Conc: 11.34 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



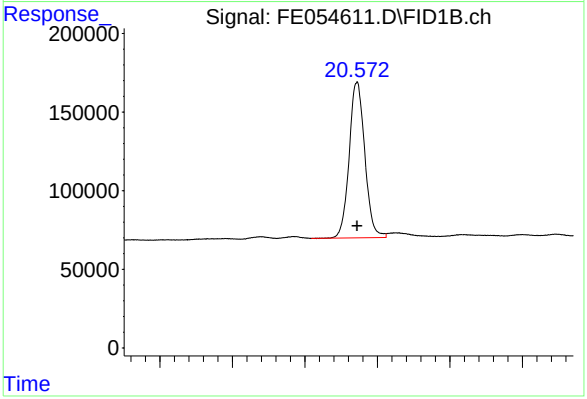
#18 n-Dotriacontane (C32)

R.T.: 19.048 min
Delta R.T.: 0.000 min
Response: 1774595
Conc: 11.81 ug/ml



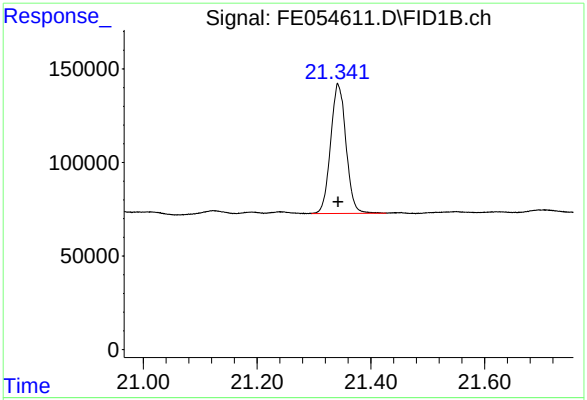
#19 n-Tetratriacontane (C34)

R.T.: 19.833 min
Delta R.T.: 0.000 min
Response: 1678325
Conc: 11.89 ug/ml



#20 n-Hexatriacontane (C36)

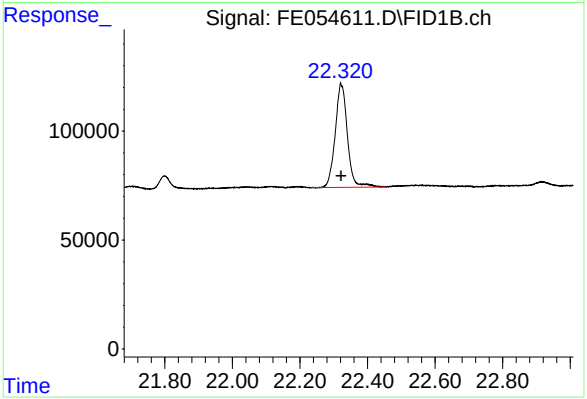
R.T.: 20.572 min
Delta R.T.: 0.000 min
Response: 1485639
Conc: 11.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.343 min
Delta R.T.: 0.000 min
Response: 1300115
Conc: 11.77 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.322 min
Delta R.T.: 0.000 min
Response: 1194943
Conc: 11.66 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054611.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 14:23
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.418	3.355	3.474	BB	147088	1430994	80.64%	4.280%
2	4.672	4.620	4.720	BB	149044	1453045	81.88%	4.346%
3	6.383	6.327	6.414	BV	173644	1612580	90.87%	4.823%
4	6.843	6.789	6.892	BB	150128	1461644	82.36%	4.372%
5	7.481	7.445	7.532	BB	161988	1563539	88.11%	4.676%
6	8.677	8.612	8.742	BB	138745	1478055	83.29%	4.421%
7	10.289	10.235	10.337	BB	146184	1515105	85.38%	4.531%
8	11.737	11.690	11.792	BB	140251	1554612	87.60%	4.650%
9	12.061	12.030	12.112	VB	160148	1724999	97.21%	5.159%
10	13.049	12.925	13.122	BB	131406	1530215	86.23%	4.577%
11	13.496	13.362	13.530	BV	109975	1337321	75.36%	4.000%
12	13.663	13.584	13.707	BB	129154	1519506	85.63%	4.545%
13	14.251	14.182	14.290	BB	125822	1512806	85.25%	4.525%
14	15.354	15.315	15.414	VB	125210	1537308	86.63%	4.598%
15	16.377	16.182	16.422	BB	119959	1534827	86.49%	4.590%
16	17.327	17.250	17.367	BB	118066	1542456	86.92%	4.613%
17	18.215	18.144	18.289	BB	120625	1692830	95.39%	5.063%
18	19.048	18.995	19.120	BB	119636	1774595	100.00%	5.308%
19	19.833	19.777	19.927	BB	116860	1678325	94.58%	5.020%
20	20.572	20.509	20.612	PV	99169	1485639	83.72%	4.443%
21	21.343	21.295	21.427	BV	69221	1300115	73.26%	3.888%
22	22.322	22.234	22.455	BV	47021	1194943	67.34%	3.574%
			Sum of corrected areas:			33435459		

Aliphatic EPH 062725.M Sat Jun 28 02:17:27 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054612.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 14:54
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Jun 27 15:17:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:17:39 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)	12.060	897784	5.528 ug/ml
Spiked Amount	50.000		Recovery =	11.06%
12) S	1-chlorooctadecane (S...	13.496	698976	5.535 ug/ml
Spiked Amount	50.000		Recovery =	11.07%
	Target Compounds			
1) T	n-Nonane (C9)	3.418	741733	5.514 ug/ml
2) T	n-Decane (C10)	4.672	755134	5.534 ug/ml
3) T	A~Naphthalene (C11.7)	6.383	837756	5.533 ug/ml
4) T	n-Dodecane (C12)	6.843	758434	5.528 ug/ml
5) T	A~2-methylnaphthalene...	7.481	812009	5.524 ug/ml
6) T	n-Tetradecane (C14)	8.676	778826	5.618 ug/ml
7) T	n-Hexadecane (C16)	10.289	786629	5.520 ug/ml
8) T	n-Octadecane (C18)	11.736	817448	5.578 ug/ml
10) T	n-Eicosane (C20)	13.049	799341	5.559 ug/ml
11) T	n-Heneicosane (C21)	13.662	792166	5.546 ug/ml
13) T	n-Docosane (C22)	14.250	787773	5.517 ug/ml
14) T	n-Tetracosane (C24)	15.354	807739	5.557 ug/ml
15) T	n-Hexacosane (C26)	16.377	795436	5.497 ug/ml
16) T	n-Octacosane (C28)	17.327	822169	5.641 ug/ml
17) T	n-Tricontane (C30)	18.216	953767	6.052 ug/ml
18) T	n-Dotriacontane (C32)	19.049	1039900	6.428 ug/ml
19) T	n-Tetratriacontane (C34)	19.833	987799	6.482 ug/ml
20) T	n-Hexatriacontane (C36)	20.573	858425	6.384 ug/ml
21) T	n-Octatriacontane (C38)	21.346	723114	6.166 ug/ml
22) T	n-Tetracontane (C40)	22.324	659393	6.084 ug/ml

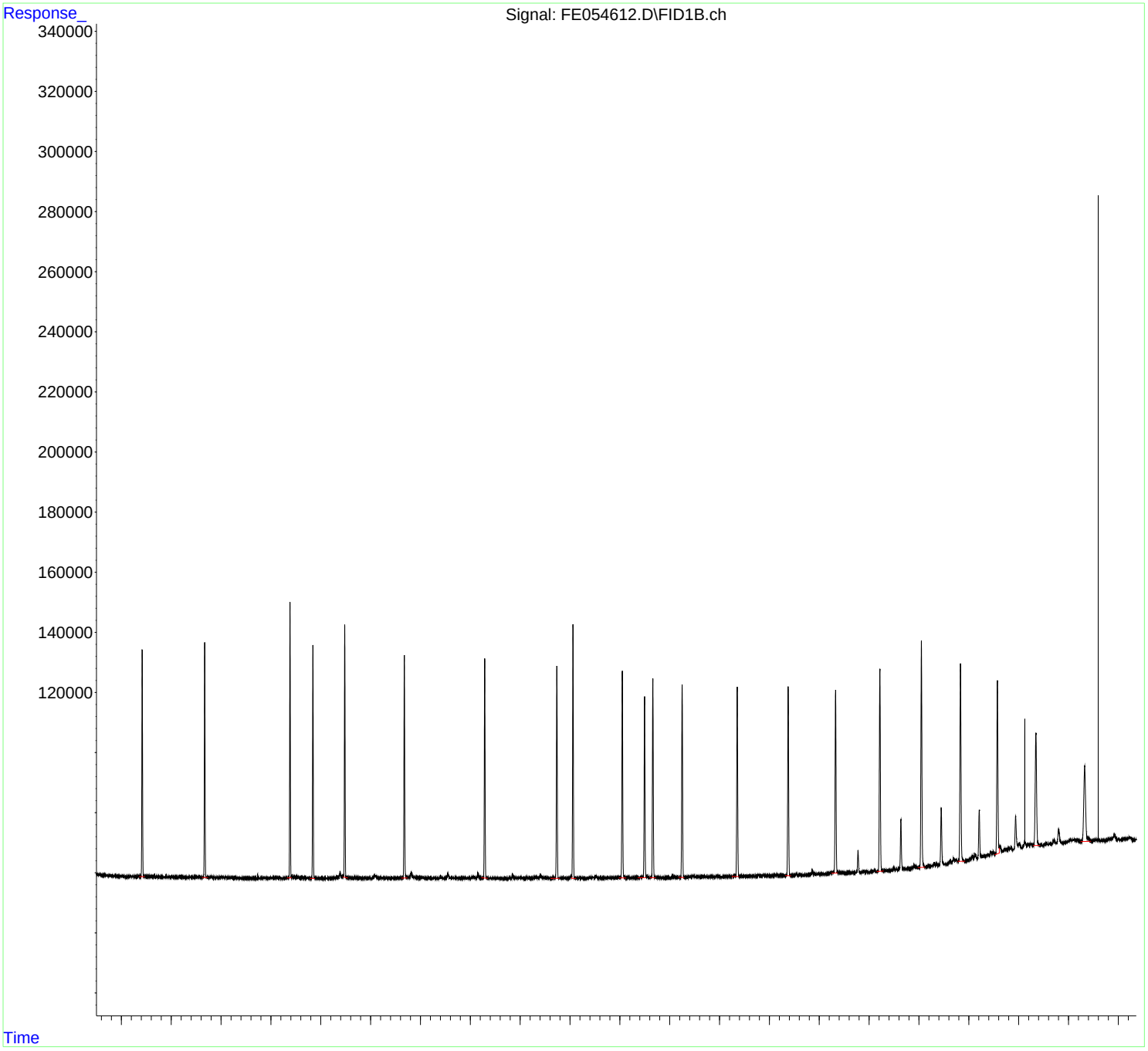
(f)=RT Delta > 1/2 Window (m)=manual int.

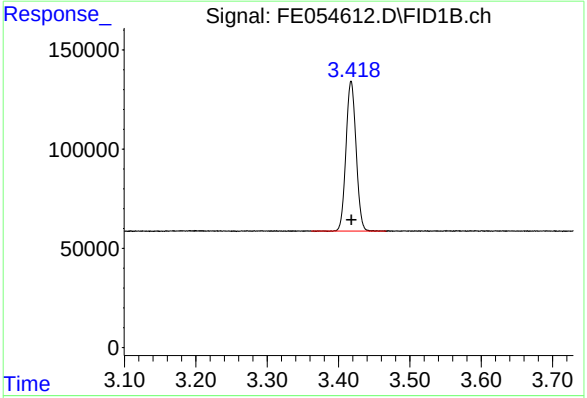
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054612.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 14:54
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Jun 27 15:17:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:17:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

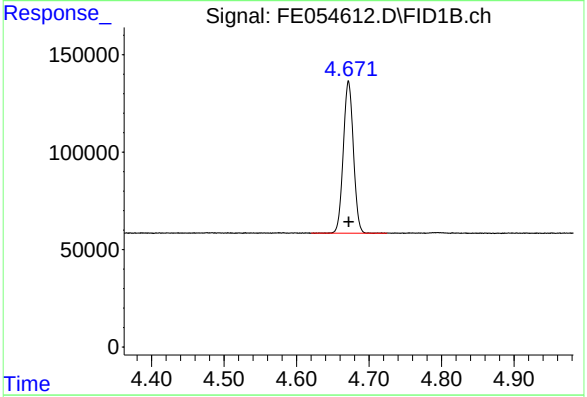




#1 n-Nonane (C9)

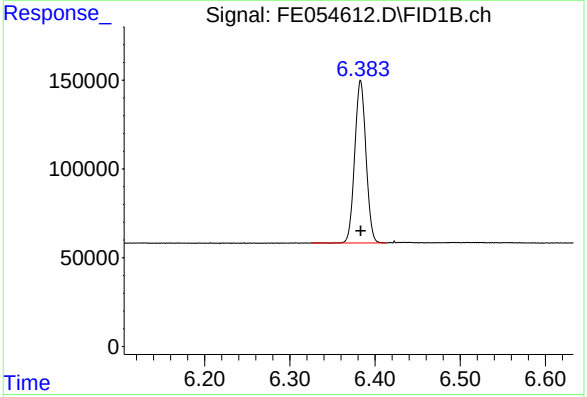
R.T.: 3.418 min
Delta R.T.: 0.000 min
Response: 741733
Conc: 5.51 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



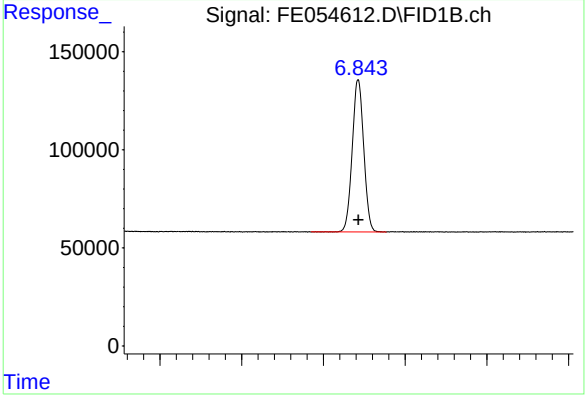
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 755134
Conc: 5.53 ug/ml



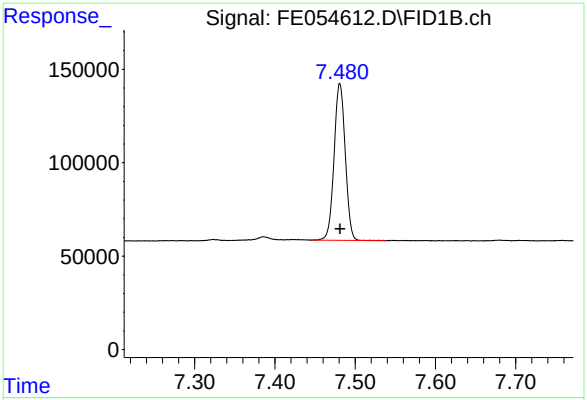
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 837756
Conc: 5.53 ug/ml



#4 n-Dodecane (C12)

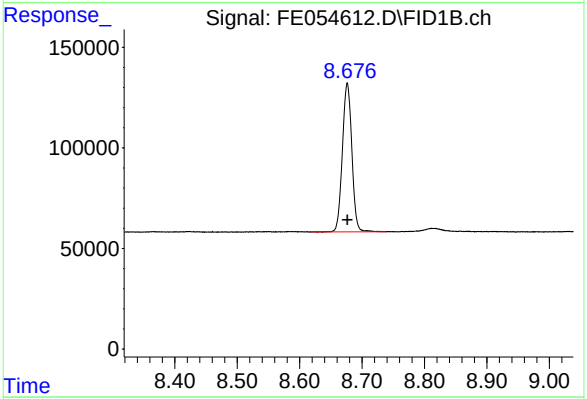
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 758434
Conc: 5.53 ug/ml



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

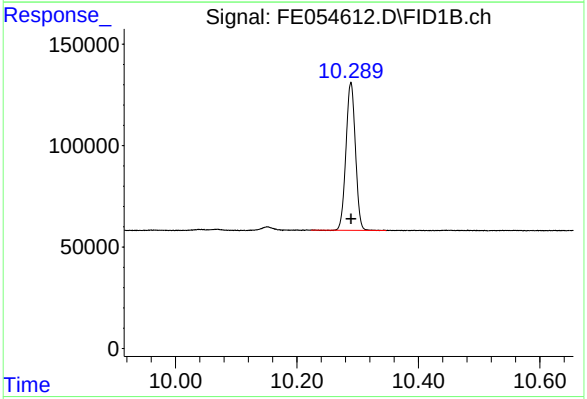
R.T.: 7.481 min
Delta R.T.: 0.000 min
Response: 812009
Conc: 5.52 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



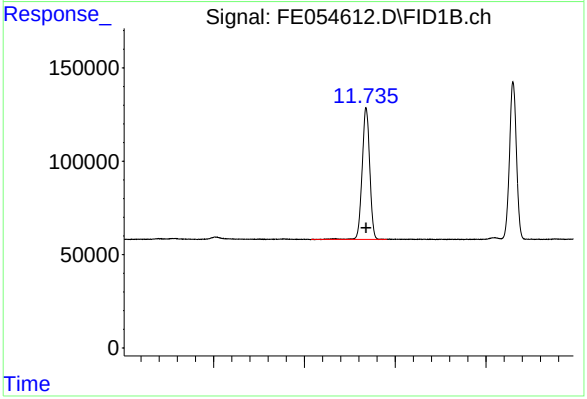
#6 n-Tetradecane (C14)

R.T.: 8.676 min
Delta R.T.: 0.000 min
Response: 778826
Conc: 5.62 ug/ml



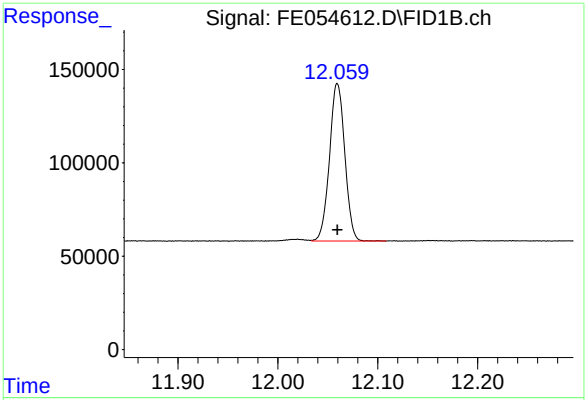
#7 n-Hexadecane (C16)

R.T.: 10.289 min
Delta R.T.: 0.000 min
Response: 786629
Conc: 5.52 ug/ml



#8 n-Octadecane (C18)

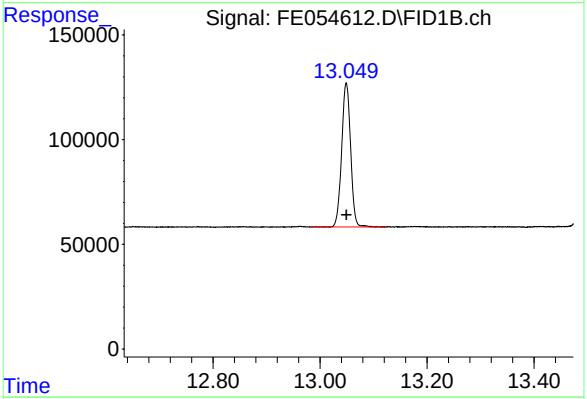
R.T.: 11.736 min
Delta R.T.: 0.000 min
Response: 817448
Conc: 5.58 ug/ml



#9 ortho-Terphenyl (SURR)

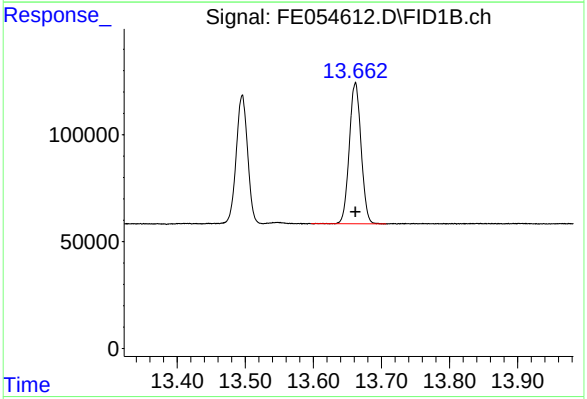
R.T.: 12.060 min
Delta R.T.: 0.000 min
Response: 897784
Conc: 5.53 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



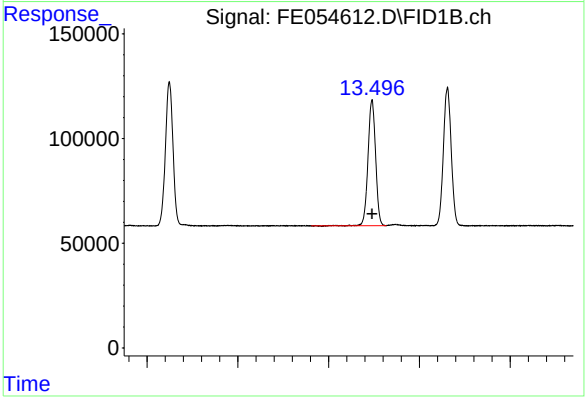
#10 n-Eicosane (C20)

R.T.: 13.049 min
Delta R.T.: 0.000 min
Response: 799341
Conc: 5.56 ug/ml



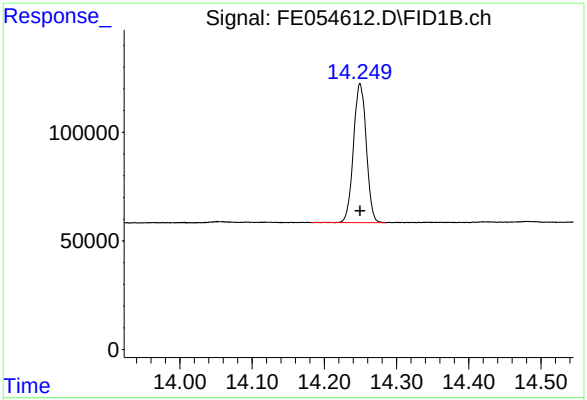
#11 n-Heneicosane (C21)

R.T.: 13.662 min
Delta R.T.: 0.000 min
Response: 792166
Conc: 5.55 ug/ml



#12 1-chlorooctadecane (SURR)

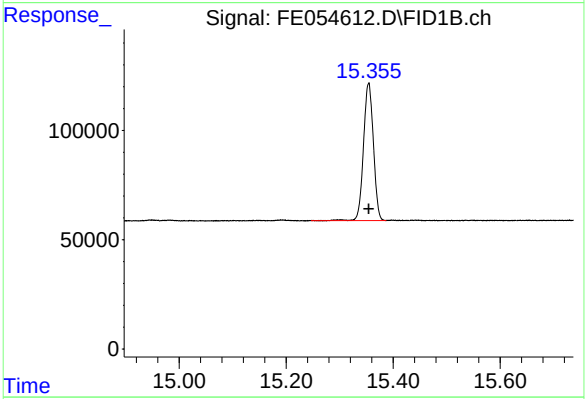
R.T.: 13.496 min
Delta R.T.: 0.000 min
Response: 698976
Conc: 5.53 ug/ml



#13 n-Docosane (C22)

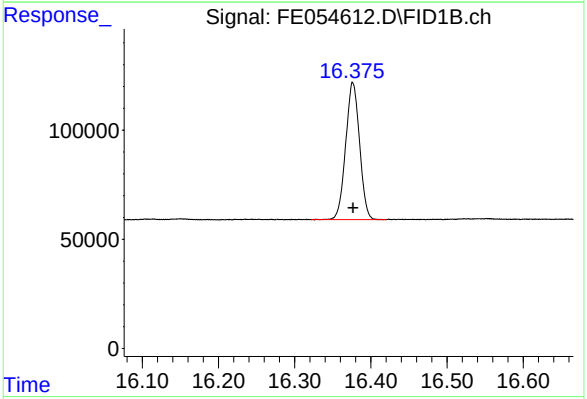
R.T.: 14.250 min
Delta R.T.: 0.000 min
Response: 787773
Conc: 5.52 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



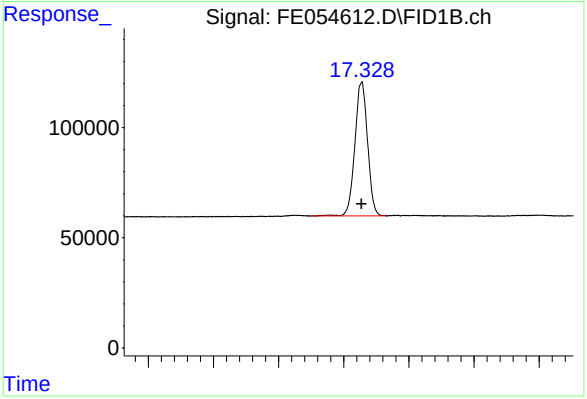
#14 n-Tetracosane (C24)

R.T.: 15.354 min
Delta R.T.: 0.000 min
Response: 807739
Conc: 5.56 ug/ml



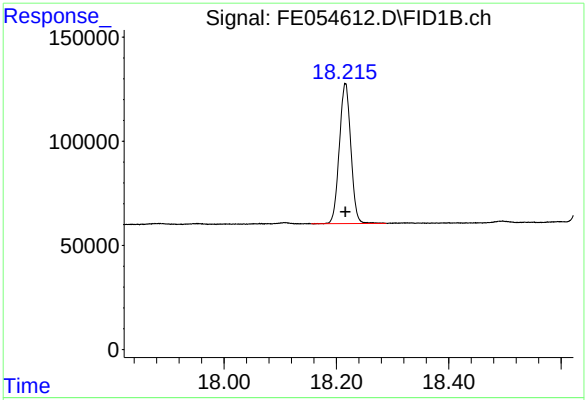
#15 n-Hexacosane (C26)

R.T.: 16.377 min
Delta R.T.: 0.000 min
Response: 795436
Conc: 5.50 ug/ml



#16 n-Octacosane (C28)

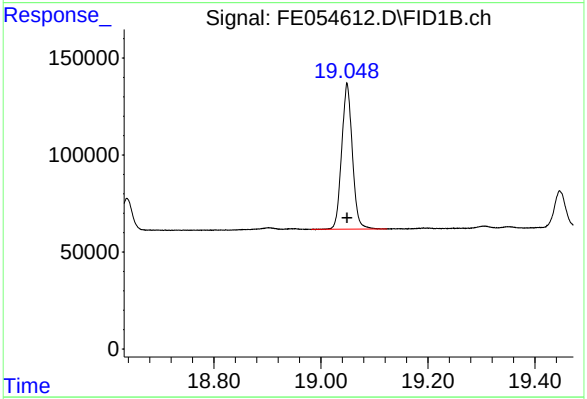
R.T.: 17.327 min
Delta R.T.: 0.000 min
Response: 822169
Conc: 5.64 ug/ml



#17 n-Tricontane (C30)

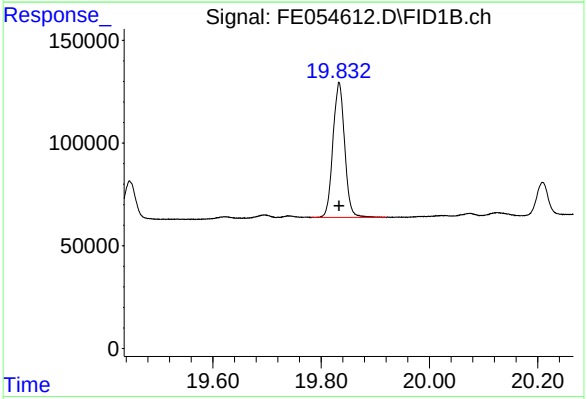
R.T.: 18.216 min
Delta R.T.: 0.000 min
Response: 953767
Conc: 6.05 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



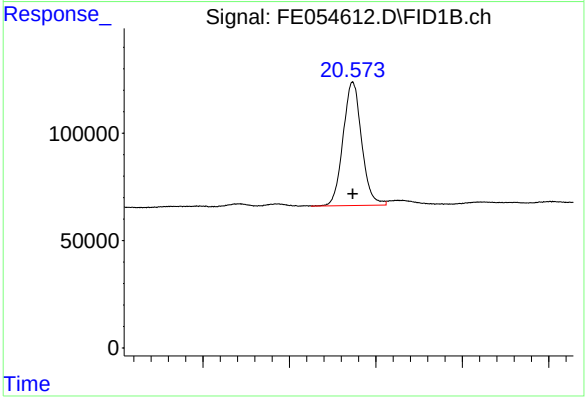
#18 n-Dotriacontane (C32)

R.T.: 19.049 min
Delta R.T.: 0.000 min
Response: 1039900
Conc: 6.43 ug/ml



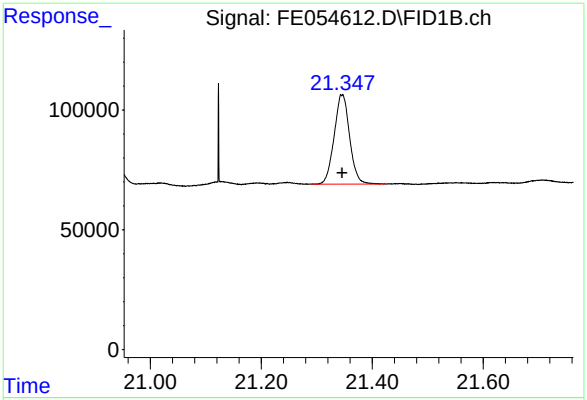
#19 n-Tetratriacontane (C34)

R.T.: 19.833 min
Delta R.T.: 0.000 min
Response: 987799
Conc: 6.48 ug/ml



#20 n-Hexatriacontane (C36)

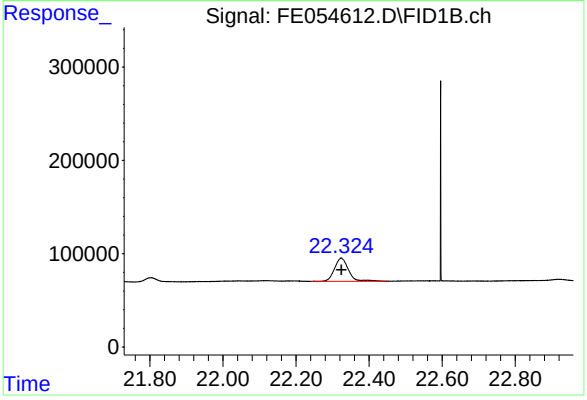
R.T.: 20.573 min
Delta R.T.: 0.000 min
Response: 858425
Conc: 6.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.:	21.346 min
Delta R.T.:	0.000 min
Response:	723114
Conc:	6.17 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.:	22.324 min
Delta R.T.:	0.000 min
Response:	659393
Conc:	6.08 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054612.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 14:54
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.418	3.362	3.467	BB	75659	741733	71.33%	4.141%
2	4.672	4.620	4.724	BB	78080	755134	72.62%	4.216%
3	6.383	6.325	6.413	BV	91458	837756	80.56%	4.677%
4	6.843	6.785	6.877	BB	77709	758434	72.93%	4.234%
5	7.481	7.445	7.539	BB	84102	812009	78.09%	4.533%
6	8.676	8.619	8.739	BB	74055	778826	74.89%	4.348%
7	10.289	10.224	10.347	BB	72696	786629	75.64%	4.392%
8	11.736	11.615	11.780	BB	70291	817448	78.61%	4.564%
9	12.060	12.034	12.109	VB	84124	897784	86.33%	5.012%
10	13.049	12.984	13.124	BB	68773	799341	76.87%	4.463%
11	13.496	13.362	13.527	BV	60057	698976	67.22%	3.902%
12	13.662	13.597	13.707	BB	66059	792166	76.18%	4.423%
13	14.250	14.182	14.286	BB	63846	787773	75.75%	4.398%
14	15.354	15.247	15.387	BB	62760	807739	77.67%	4.510%
15	16.377	16.322	16.420	BB	62461	795436	76.49%	4.441%
16	17.327	17.250	17.365	BV	60423	822169	79.06%	4.590%
17	18.216	18.155	18.289	BB	67529	953767	91.72%	5.325%
18	19.049	18.982	19.122	BB	75345	1039900	100.00%	5.806%
19	19.833	19.782	19.920	BB	65849	987799	94.99%	5.515%
20	20.573	20.525	20.612	BV	57615	858425	82.55%	4.793%
21	21.346	21.290	21.425	BB	36950	723114	69.54%	4.037%
22	22.324	22.242	22.447	BB	25113	659393	63.41%	3.681%
			Sum of corrected areas:			17911749		

Aliphatic EPH 062725.M Sat Jun 28 02:18:58 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054613.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 15:24
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Jun 27 15:48:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 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)	12.062	3028688	18.650 ug/ml
Spiked Amount	50.000		Recovery =	37.30%
12) S	1-chlorooctadecane (S...	13.498	2342450	18.548 ug/ml
Spiked Amount	50.000		Recovery =	37.10%
	Target Compounds			
1) T	n-Nonane (C9)	3.418	2502645	18.606 ug/ml
2) T	n-Decane (C10)	4.672	2544484	18.648 ug/ml
3) T	A~Naphthalene (C11.7)	6.384	2820974	18.631 ug/ml
4) T	n-Dodecane (C12)	6.844	2560893	18.664 ug/ml
5) T	A~2-methylnaphthalene...	7.482	2750056	18.707 ug/ml
6) T	n-Tetradecane (C14)	8.677	2581289	18.620 ug/ml
7) T	n-Hexadecane (C16)	10.290	2662158	18.680 ug/ml
8) T	n-Octadecane (C18)	11.738	2731350	18.637 ug/ml
10) T	n-Eicosane (C20)	13.051	2682264	18.654 ug/ml
11) T	n-Heneicosane (C21)	13.664	2655754	18.593 ug/ml
13) T	n-Docosane (C22)	14.252	2663243	18.652 ug/ml
14) T	n-Tetracosane (C24)	15.355	2701405	18.584 ug/ml
15) T	n-Hexacosane (C26)	16.379	2682582	18.537 ug/ml
16) T	n-Octacosane (C28)	17.329	2682634	18.407 ug/ml
17) T	n-Tricontane (C30)	18.218	2884214	18.303 ug/ml
18) T	n-Dotriacontane (C32)	19.051	2934528	18.138 ug/ml
19) T	n-Tetratriacontane (C34)	19.835	2788021	18.295 ug/ml
20) T	n-Hexatriacontane (C36)	20.575	2448198	18.208 ug/ml
21) T	n-Octatriacontane (C38)	21.348	2149052	18.324 ug/ml
22) T	n-Tetracontane (C40)	22.329	1970334	18.179 ug/ml

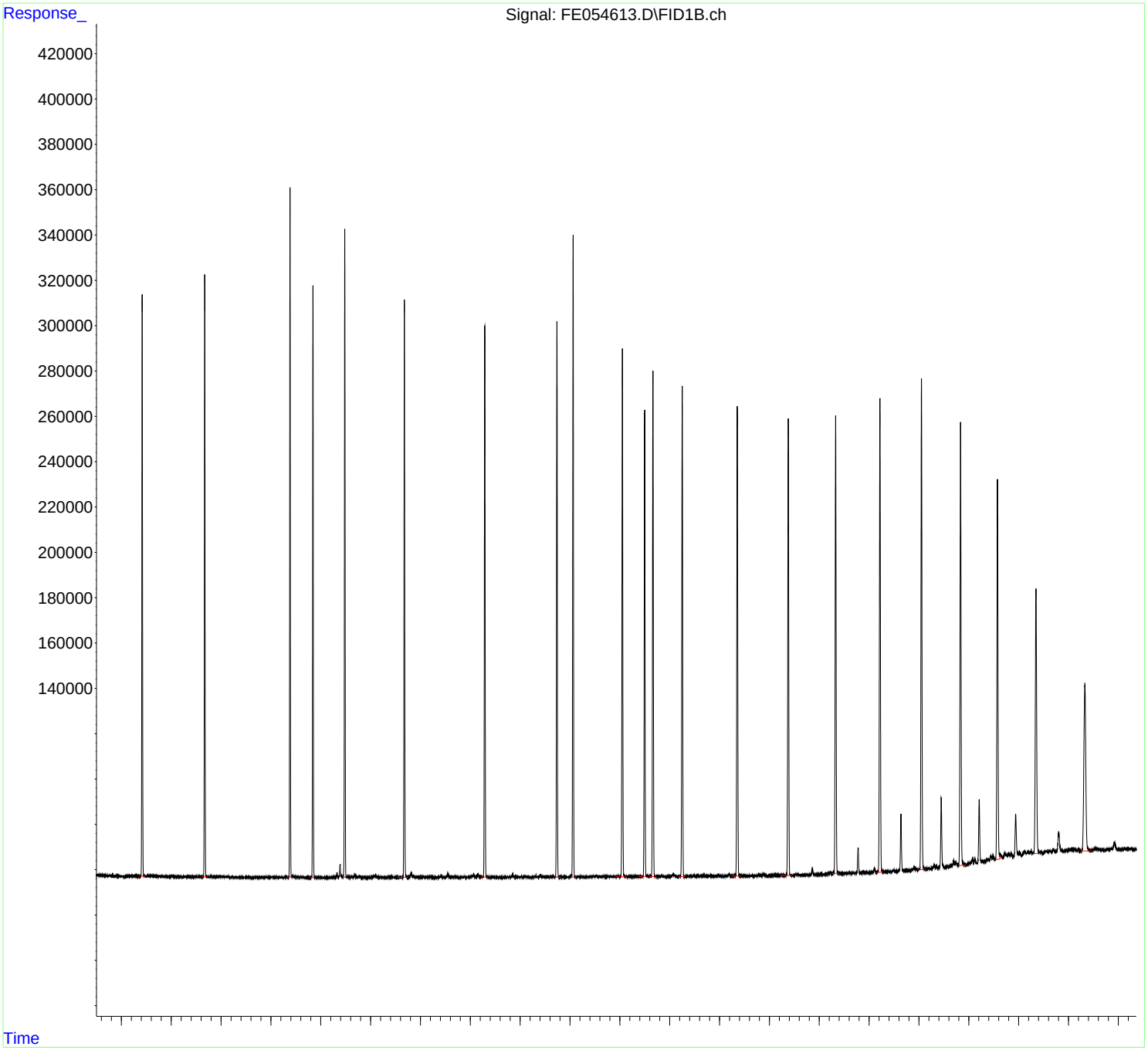
(f)=RT Delta > 1/2 Window (m)=manual int.

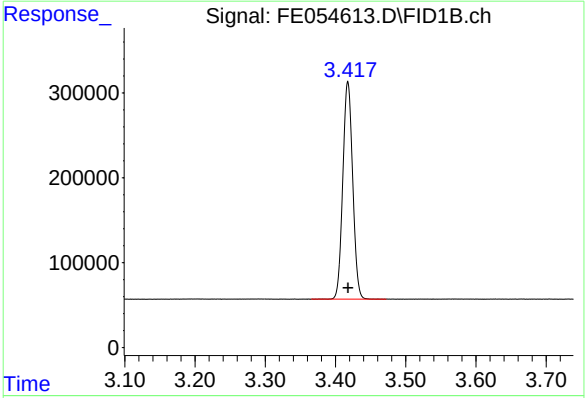
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054613.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 15:24
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Jun 27 15:48:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

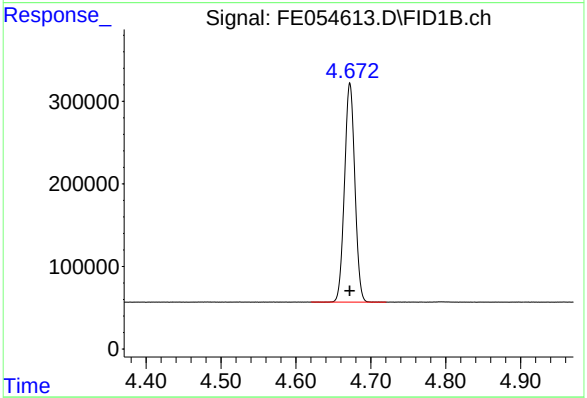




#1 n-Nonane (C9)

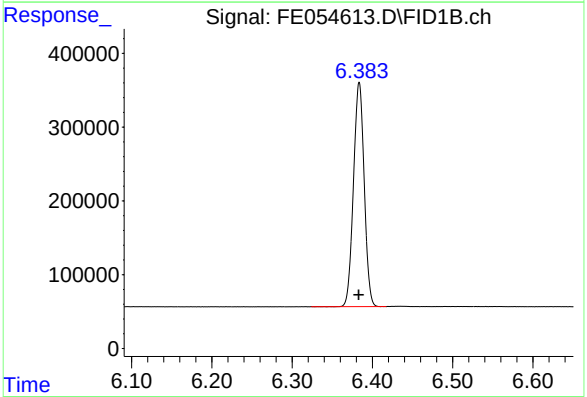
R.T.: 3.418 min
Delta R.T.: 0.000 min
Response: 2502645
Conc: 18.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



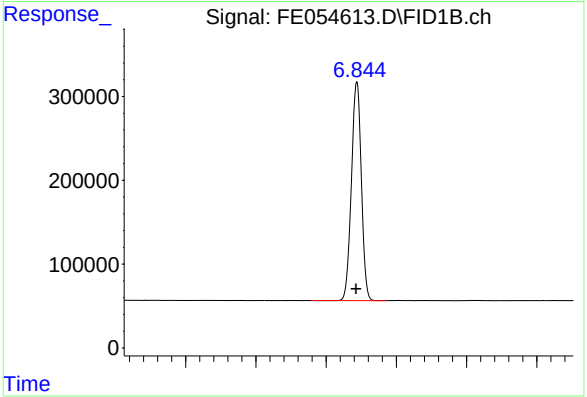
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 2544484
Conc: 18.65 ug/ml



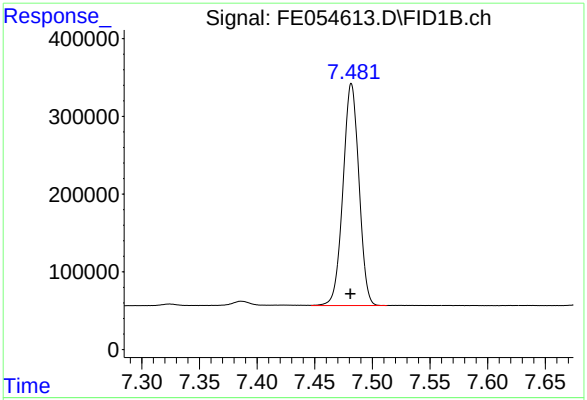
#3 A~Naphthalene (C11.7)

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 2820974
Conc: 18.63 ug/ml



#4 n-Dodecane (C12)

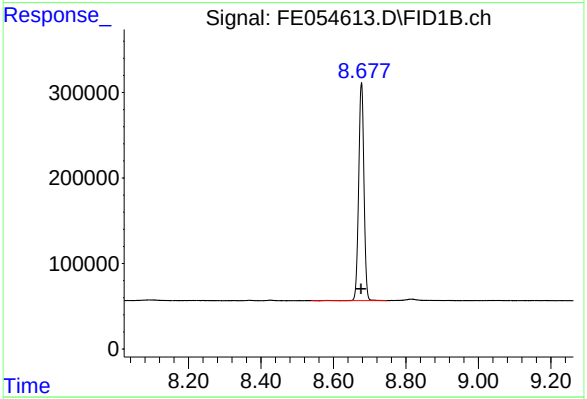
R.T.: 6.844 min
Delta R.T.: 0.001 min
Response: 2560893
Conc: 18.66 ug/ml



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

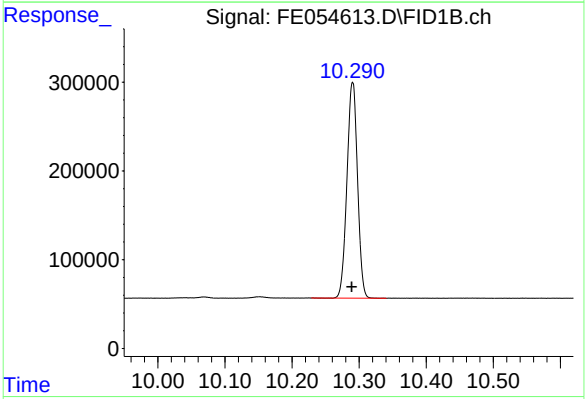
R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 2750056
Conc: 18.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



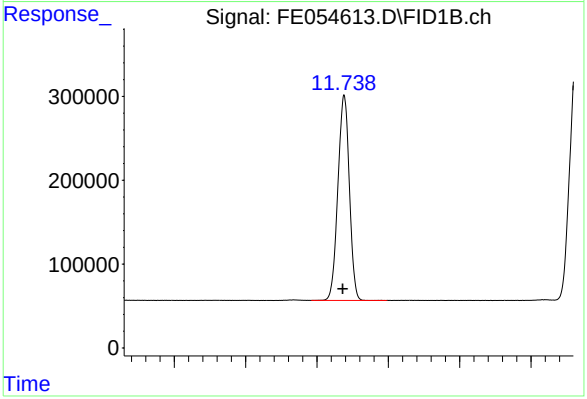
#6 n-Tetradecane (C14)

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 2581289
Conc: 18.62 ug/ml



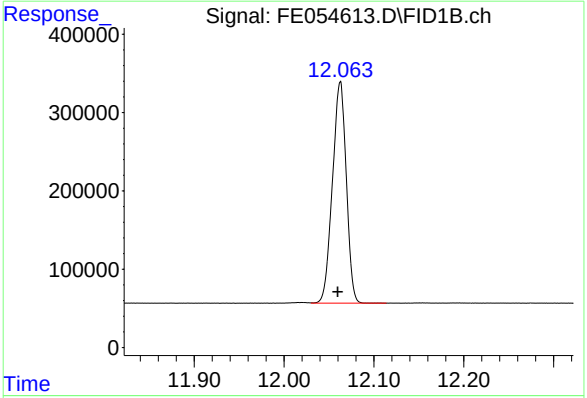
#7 n-Hexadecane (C16)

R.T.: 10.290 min
Delta R.T.: 0.001 min
Response: 2662158
Conc: 18.68 ug/ml



#8 n-Octadecane (C18)

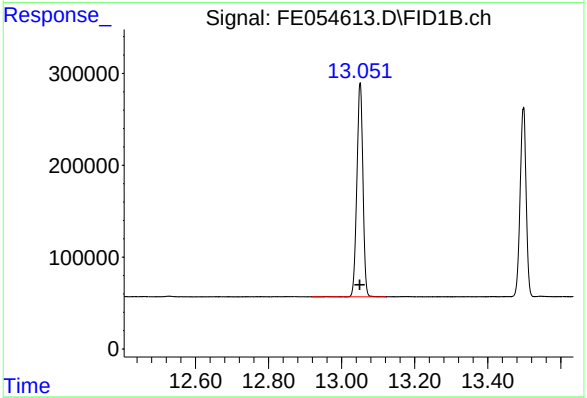
R.T.: 11.738 min
Delta R.T.: 0.002 min
Response: 2731350
Conc: 18.64 ug/ml



#9 ortho-Terphenyl (SURR)

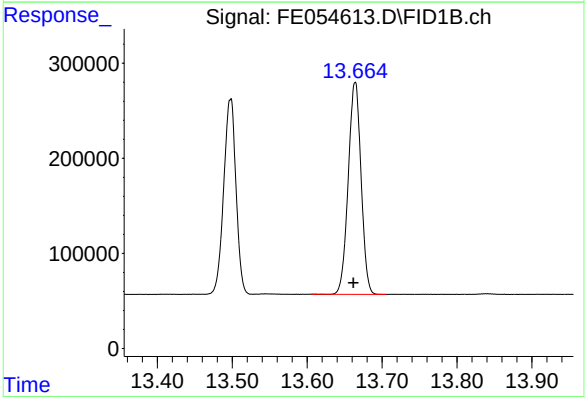
R.T.: 12.062 min
Delta R.T.: 0.003 min
Response: 3028688
Conc: 18.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



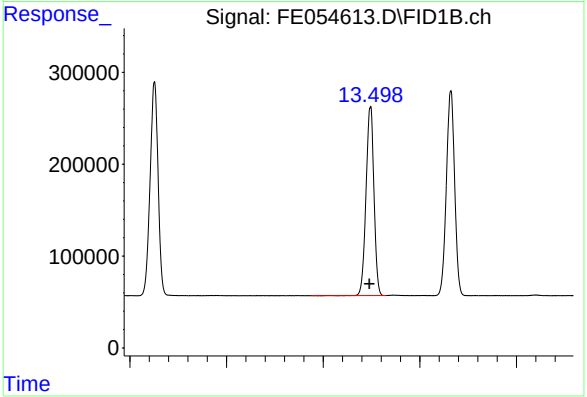
#10 n-Eicosane (C20)

R.T.: 13.051 min
Delta R.T.: 0.002 min
Response: 2682264
Conc: 18.65 ug/ml



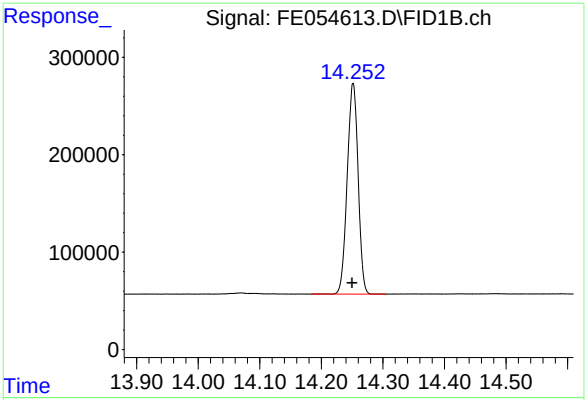
#11 n-Heneicosane (C21)

R.T.: 13.664 min
Delta R.T.: 0.002 min
Response: 2655754
Conc: 18.59 ug/ml



#12 1-chlorooctadecane (SURR)

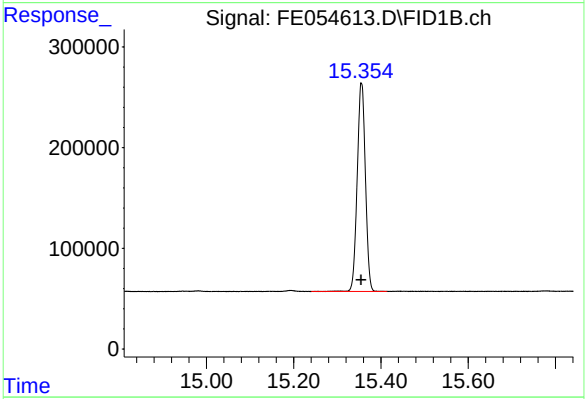
R.T.: 13.498 min
Delta R.T.: 0.002 min
Response: 2342450
Conc: 18.55 ug/ml



#13 n-Docosane (C22)

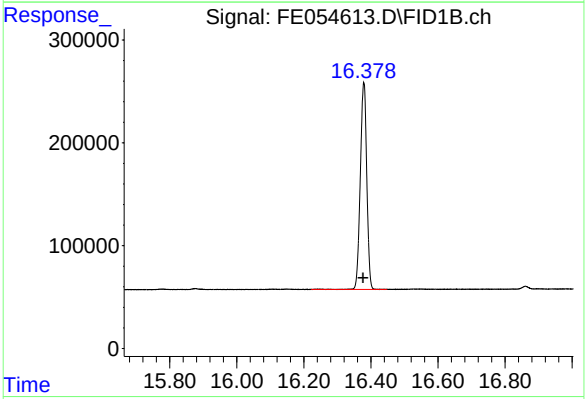
R.T.: 14.252 min
Delta R.T.: 0.002 min
Response: 2663243
Conc: 18.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



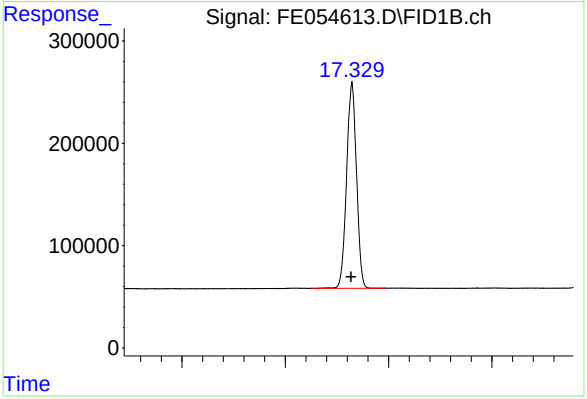
#14 n-Tetracosane (C24)

R.T.: 15.355 min
Delta R.T.: 0.001 min
Response: 2701405
Conc: 18.58 ug/ml



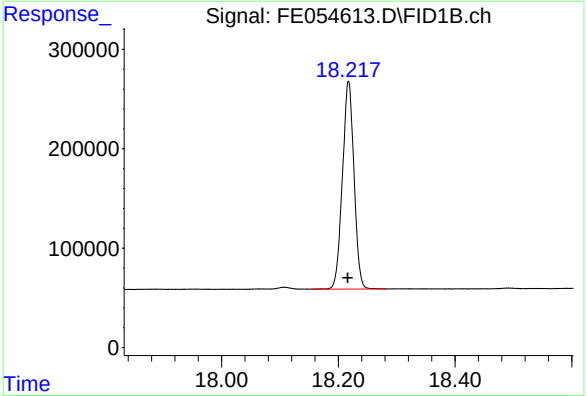
#15 n-Hexacosane (C26)

R.T.: 16.379 min
Delta R.T.: 0.002 min
Response: 2682582
Conc: 18.54 ug/ml



#16 n-Octacosane (C28)

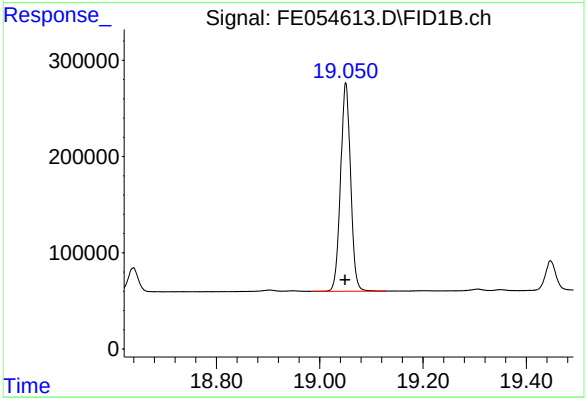
R.T.: 17.329 min
Delta R.T.: 0.002 min
Response: 2682634
Conc: 18.41 ug/ml



#17 n-Tricontane (C30)

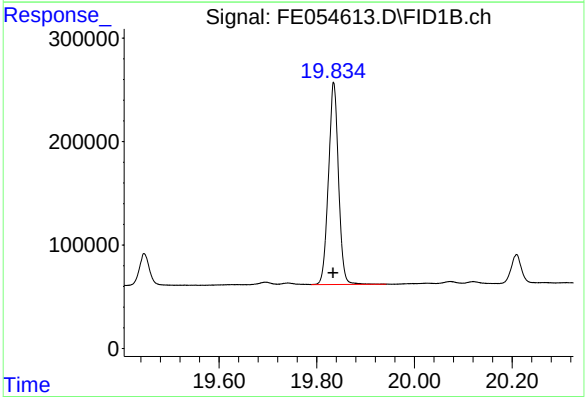
R.T.: 18.218 min
Delta R.T.: 0.002 min
Response: 2884214
Conc: 18.30 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



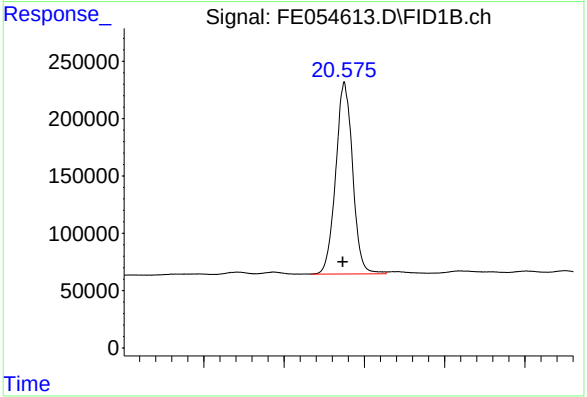
#18 n-Dotriacontane (C32)

R.T.: 19.051 min
Delta R.T.: 0.002 min
Response: 2934528
Conc: 18.14 ug/ml



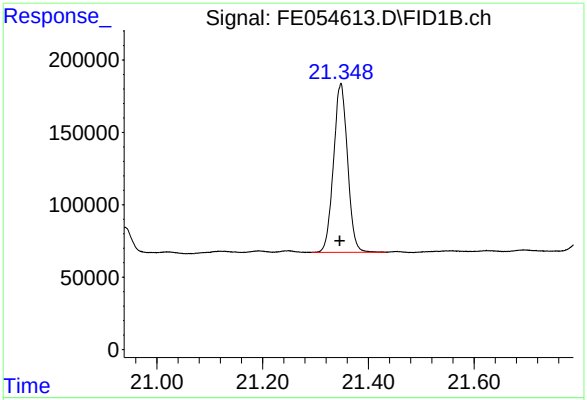
#19 n-Tetratriacontane (C34)

R.T.: 19.835 min
Delta R.T.: 0.002 min
Response: 2788021
Conc: 18.30 ug/ml



#20 n-Hexatriacontane (C36)

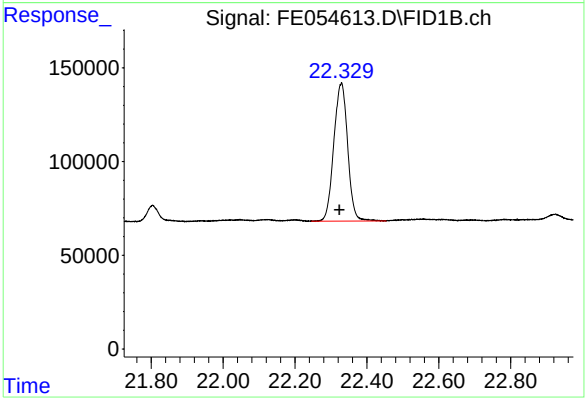
R.T.: 20.575 min
Delta R.T.: 0.002 min
Response: 2448198
Conc: 18.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.348 min
Delta R.T.: 0.002 min
Response: 2149052
Conc: 18.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.329 min
Delta R.T.: 0.005 min
Response: 1970334
Conc: 18.18 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054613.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 15:24
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.418	3.365	3.472	BB	256328	2502645	82.63%	4.332%
2	4.672	4.620	4.720	BB	265371	2544484	84.01%	4.405%
3	6.384	6.324	6.417	BV	304777	2820974	93.14%	4.883%
4	6.844	6.779	6.885	BB	261391	2560893	84.55%	4.433%
5	7.482	7.447	7.512	VB	285575	2750056	90.80%	4.761%
6	8.677	8.539	8.745	BB	254086	2581289	85.23%	4.468%
7	10.290	10.229	10.340	BB	243419	2662158	87.90%	4.608%
8	11.738	11.692	11.797	VB	244915	2731350	90.18%	4.728%
9	12.062	12.030	12.114	VB	282454	3028688	100.00%	5.243%
10	13.051	12.917	13.122	BB	233017	2682264	88.56%	4.643%
11	13.498	13.375	13.530	BV	205276	2342450	77.34%	4.055%
12	13.664	13.605	13.705	BB	223180	2655754	87.69%	4.597%
13	14.252	14.184	14.305	BB	216501	2663243	87.93%	4.610%
14	15.356	15.240	15.412	BB	206574	2701405	89.19%	4.676%
15	16.379	16.222	16.445	BB	201653	2682582	88.57%	4.644%
16	17.329	17.250	17.395	BB	201121	2682634	88.57%	4.644%
17	18.218	18.154	18.282	BB	209402	2884214	95.23%	4.993%
18	19.051	18.984	19.129	BB	216846	2934528	96.89%	5.080%
19	19.835	19.789	19.942	VB	194869	2788021	92.05%	4.826%
20	20.575	20.534	20.627	BV	167522	2448198	80.83%	4.238%
21	21.348	21.292	21.434	BV	116202	2149052	70.96%	3.720%
22	22.329	22.245	22.454	BV	73515	1970334	65.06%	3.411%
			Sum of corrected areas:			57767217		

Aliphatic EPH 062725.M Sat Jun 28 02:19:40 2025

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

Continuing Calibration Report for SequenceID : FC070825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069388.D**						
Aliphatic C9-C12	8616465.000	60.000	3.303	6.602	143607.750	146679.627	2.094
Aliphatic C12-C16	5935838.000	40.000	6.603	10.005	148395.950	159210.532	6.793
Aliphatic C16-C21	8346556.000	60.000	10.006	13.375	139109.267	154434.323	9.923
Aliphatic C21-C28	9796765.000	80.000	13.375	17.040	122459.563	133966.368	8.589
Aliphatic C28-C40	11269119.000	120.000	17.041	22.023	93909.325	92124.417	-1.937
Aliphatic EPH	43964743.000	360.000	3.303	22.023	122124.286	128354.160	4.854

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 11:08
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069388.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.303	6.602	8616465.000	60.000	ug/ml
Aliphatic C12-C16	6.603	10.005	5935838.000	40.000	ug/ml
Aliphatic C16-C21	10.006	13.375	8346556.000	60.000	ug/ml
Aliphatic C21-C28	13.375	17.040	9796765.000	80.000	ug/ml
Aliphatic C28-C40	17.041	22.023	11269119.000	120.000	ug/ml
Aliphatic EPH	3.303	22.023	43964743.000	360.000	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069388.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 11:08
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
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 04:43:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	11.673	3074242	17.795 ug/ml
	Spiked Amount 50.000		Recovery = 35.59%	
12)	S 1-chlorooctadecane (S...	13.108	2310997	17.690 ug/ml
	Spiked Amount 50.000		Recovery = 35.38%	
	Target Compounds			
1)	T n-Nonane (C9)	3.403	2777533	19.530 ug/ml
2)	T n-Decane (C10)	4.477	2894220	19.770 ug/ml
3)	T A~Naphthalene (C11.7)	6.072	3168007	19.690 ug/ml
4)	T n-Dodecane (C12)	6.502	2944712	19.447 ug/ml
5)	T A~2-methylnaphthalene...	7.131	3057308	19.320 ug/ml
6)	T n-Tetradecane (C14)	8.301	2938936	18.960 ug/ml
7)	T n-Hexadecane (C16)	9.905	2996902	18.339 ug/ml
8)	T n-Octadecane (C18)	11.350	2946695	18.048 ug/ml
10)	T n-Eicosane (C20)	12.662	2746543	17.994 ug/ml
11)	T n-Heneicosane (C21)	13.275	2653318	18.002 ug/ml
13)	T n-Docosane (C22)	13.861	2600831	18.076 ug/ml
14)	T n-Tetracosane (C24)	14.967	2514938	18.233 ug/ml
15)	T n-Hexacosane (C26)	15.989	2384142	18.238 ug/ml
16)	T n-Octacosane (C28)	16.940	2296854	18.624 ug/ml
17)	T n-Tricontane (C30)	17.829	2326306	19.568 ug/ml
18)	T n-Dotriacontane (C32)	18.663	2224766	20.348 ug/mlm
19)	T n-Tetratriacontane (C34)	19.448	1992677	20.635 ug/ml
20)	T n-Hexatriacontane (C36)	20.190	1713756	20.795 ug/ml
21)	T n-Octatriacontane (C38)	20.957	1552906	20.780 ug/ml
22)	T n-Tetracontane (C40)	21.923	1458708	20.599 ug/mlm

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069388.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 11:08
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

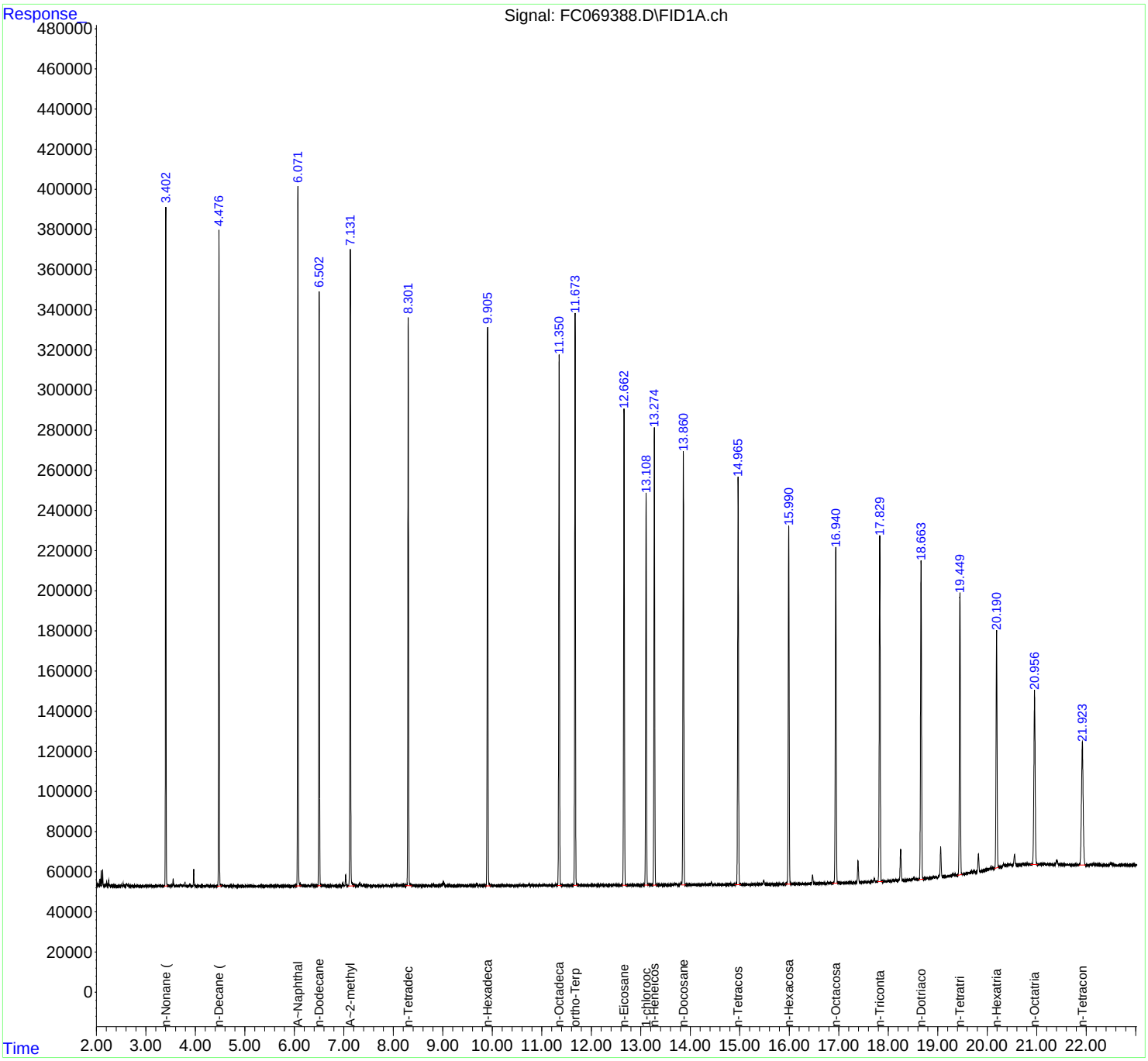
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

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 04:43:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 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_C
LabSampleId :
20 PPM ALIPHATIC HC STD

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_C\Data\FC07082
Data File : FC069388.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 11:08
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.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	3.403	3.369	3.442	BB	336844	2777533	87.67%	5.006%
2	4.477	4.440	4.530	BB	327364	2894220	91.36%	5.216%
3	6.072	6.024	6.137	BB	348648	3168007	100.00%	5.709%
4	6.502	6.464	6.542	BB	295861	2944712	92.95%	5.307%
5	7.131	7.084	7.219	BB	318233	3057308	96.51%	5.510%
6	8.301	8.249	8.375	BB	282389	2938936	92.77%	5.297%
7	9.905	9.867	9.967	BB	278398	2996902	94.60%	5.401%
8	11.350	11.314	11.404	BB	263876	2946695	93.01%	5.311%
9	11.673	11.635	11.729	BB	283437	3074242	97.04%	5.540%
10	12.662	12.622	12.717	BB	236785	2746543	86.70%	4.950%
11	13.108	13.070	13.160	BB	195719	2310997	72.95%	4.165%
12	13.275	13.235	13.327	BB	227583	2653318	83.75%	4.782%
13	13.861	13.829	13.909	VB	216587	2600831	82.10%	4.687%
14	14.967	14.899	15.019	BB	200041	2514938	79.39%	4.532%
15	15.989	15.922	16.029	BB	177864	2384142	75.26%	4.297%
16	16.940	16.864	16.979	BB	166939	2296854	72.50%	4.139%
17	17.829	17.780	17.884	BB	172691	2326306	73.43%	4.192%
18	18.663	18.544	18.722	BB	159406	2228899	70.36%	4.017%
19	19.448	19.400	19.489	BB	139608	1992677	62.90%	3.591%
20	20.190	20.140	20.225	BB	118469	1713756	54.10%	3.089%
21	20.957	20.875	21.019	BB	86553	1552906	49.02%	2.799%
22	21.922	21.880	22.004	BB	59747	1367160	43.16%	2.464%
			Sum of corrected areas:			55487880		

Aliphatic EPH 061825.M Wed Jul 09 05:00:33 2025

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

Continuing Calibration Report for SequenceID : FC070825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069397.D**						
Aliphatic C9-C12	8595615.000	60.000	3.303	6.602	143260.250	146679.627	2.331
Aliphatic C12-C16	5921848.000	40.000	6.603	10.005	148046.200	159210.532	7.012
Aliphatic C16-C21	8372066.000	60.000	10.006	13.375	139534.433	154434.323	9.648
Aliphatic C21-C28	9935211.000	80.000	13.375	17.040	124190.138	133966.368	7.298
Aliphatic C28-C40	11659559.000	120.000	17.041	22.023	97162.992	92124.417	-5.469
Aliphatic EPH	44484299.000	360.000	3.303	22.023	123567.497	128354.160	3.729

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 19:52
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069397.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.303	6.602	8595615.000	60.000	ug/ml
Aliphatic C12-C16	6.603	10.005	5921848.000	40.000	ug/ml
Aliphatic C16-C21	10.006	13.375	8372066.000	60.000	ug/ml
Aliphatic C21-C28	13.375	17.040	9935211.000	80.000	ug/ml
Aliphatic C28-C40	17.041	22.023	11659559.000	120.000	ug/ml
Aliphatic EPH	3.303	22.023	44484299.000	360.000	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069397.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 19:52
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
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 04:45:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	11.672	3081967	17.840 ug/ml
Spiked Amount	50.000		Recovery =	35.68%
12)	S 1-chlorooctadecane (S...	13.108	2340842	17.918 ug/ml
Spiked Amount	50.000		Recovery =	35.84%
	Target Compounds			
1)	T n-Nonane (C9)	3.402	2766876	19.455 ug/ml
2)	T n-Decane (C10)	4.476	2886176	19.715 ug/ml
3)	T A~Naphthalene (C11.7)	6.072	3162175	19.654 ug/ml
4)	T n-Dodecane (C12)	6.502	2942563	19.432 ug/ml
5)	T A~2-methylnaphthalene...	7.131	3056300	19.313 ug/ml
6)	T n-Tetradecane (C14)	8.301	2922051	18.851 ug/ml
7)	T n-Hexadecane (C16)	9.905	2999797	18.357 ug/ml
8)	T n-Octadecane (C18)	11.350	2951464	18.077 ug/ml
10)	T n-Eicosane (C20)	12.661	2755014	18.049 ug/ml
11)	T n-Heneicosane (C21)	13.275	2665588	18.085 ug/ml
13)	T n-Docosane (C22)	13.862	2623512	18.234 ug/ml
14)	T n-Tetracosane (C24)	14.966	2544314	18.446 ug/ml
15)	T n-Hexacosane (C26)	15.988	2420960	18.520 ug/ml
16)	T n-Octacosane (C28)	16.939	2346425	19.026 ug/ml
17)	T n-Tricontane (C30)	17.828	2385063	20.062 ug/ml
18)	T n-Dotriacontane (C32)	18.662	2292748	20.969 ug/ml
19)	T n-Tetratriacontane (C34)	19.446	2055442	21.285 ug/ml
20)	T n-Hexatriacontane (C36)	20.187	1764195	21.407 ug/ml
21)	T n-Octatriacontane (C38)	20.954	1630173	21.814 ug/ml
22)	T n-Tetracontane (C40)	21.919	1531938	21.633 ug/mlm

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069397.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 19:52
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

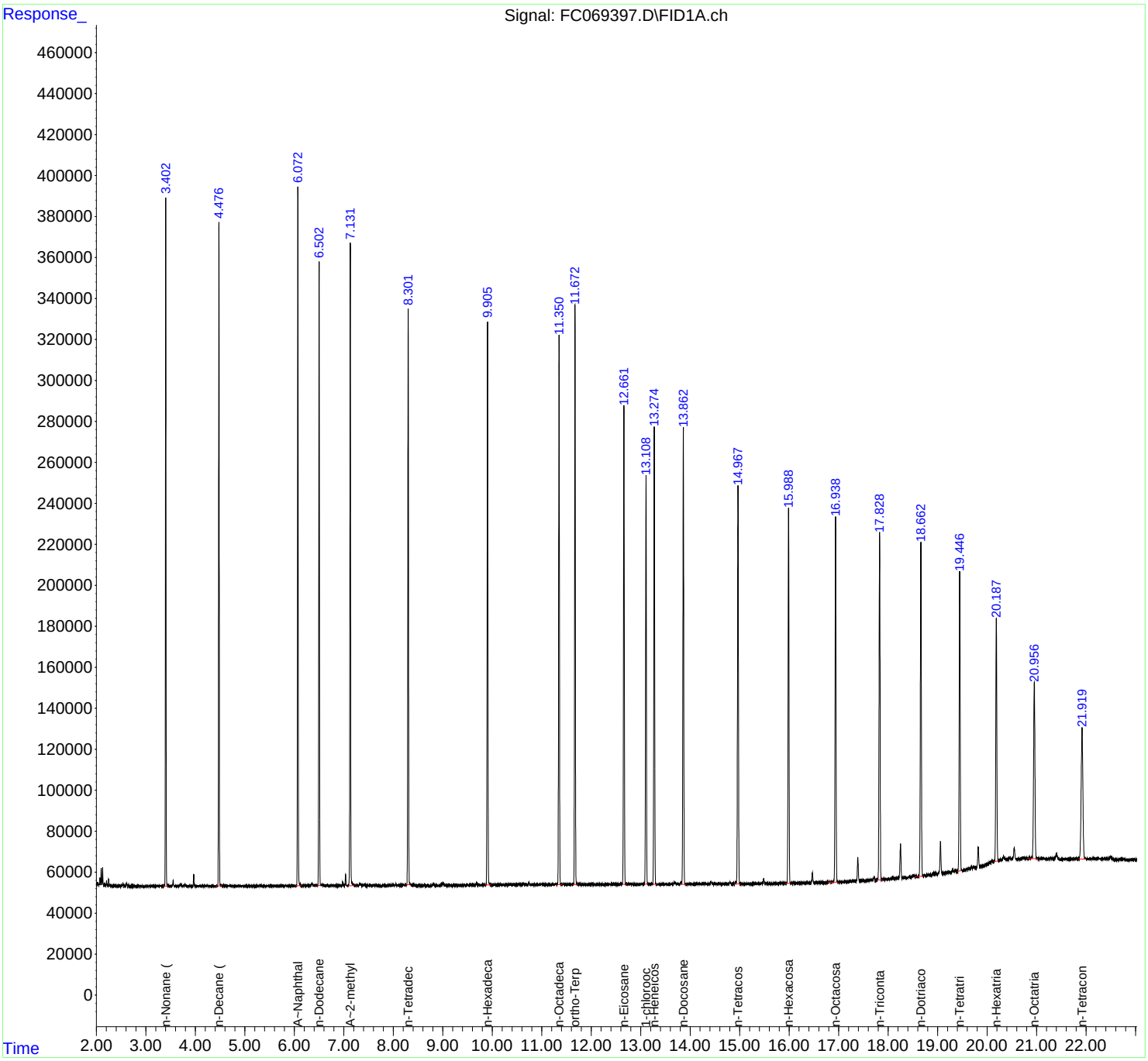
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

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 04:45:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Instrument :
FID_C
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_C\Data\FC07082
Data File : FC069397.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 19:52
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.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	3.402	3.354	3.444	BB	335775	2766876	87.50%	4.946%
2	4.476	4.414	4.534	BB	323789	2886176	91.27%	5.160%
3	6.072	6.025	6.144	BB	341103	3162175	100.00%	5.653%
4	6.502	6.465	6.540	BB	304568	2942563	93.06%	5.261%
5	7.131	7.089	7.210	BB	314471	3056300	96.65%	5.464%
6	8.301	8.264	8.347	BB	281254	2922051	92.41%	5.224%
7	9.905	9.860	9.982	BB	274733	2999797	94.86%	5.363%
8	11.350	11.310	11.412	BB	268201	2951464	93.34%	5.276%
9	11.672	11.632	11.730	BB	282934	3081967	97.46%	5.510%
10	12.661	12.624	12.714	BB	234077	2755014	87.12%	4.925%
11	13.108	13.072	13.140	BB	199839	2340842	74.03%	4.185%
12	13.275	13.237	13.324	BB	223375	2665588	84.30%	4.765%
13	13.862	13.828	13.919	VB	222860	2623512	82.97%	4.690%
14	14.966	14.892	15.010	BB	194303	2544314	80.46%	4.549%
15	15.988	15.925	16.029	BB	183122	2420960	76.56%	4.328%
16	16.939	16.782	16.980	BB	177709	2346425	74.20%	4.195%
17	17.828	17.780	17.887	BB	169445	2385063	75.42%	4.264%
18	18.662	18.537	18.712	VB	162999	2292748	72.51%	4.099%
19	19.446	19.400	19.487	BB	146300	2055442	65.00%	3.675%
20	20.187	20.140	20.229	BV	118622	1764195	55.79%	3.154%
21	20.954	20.815	21.024	BB	86046	1630173	51.55%	2.914%
22	21.919	21.880	21.999	BB	61045	1343115	42.47%	2.401%
			Sum of corrected areas:			55936758		

Aliphatic EPH 061825.M Wed Jul 09 05:07:46 2025

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

Continuing Calibration Report for SequenceID : FE070825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE054740.D**						
Aliphatic C9-C12	8494556.000	60.000	3.323	6.956	141575.933	136055.079	-4.058
Aliphatic C12-C16	5894995.000	40.000	6.957	10.409	147374.875	140568.128	-4.842
Aliphatic C16-C21	8539672.000	60.000	10.410	13.786	142327.867	144393.643	1.431
Aliphatic C21-C28	12069329.000	80.000	13.787	17.458	150866.613	144651.717	-4.296
Aliphatic C28-C40	16504903.000	120.000	17.459	22.482	137540.858	138647.492	0.798
Aliphatic EPH	51503455.000	360.000	3.323	22.482	143065.153	140720.791	-1.666

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 14:30
Client Sample ID:		Operator:	YP\AJ
Data file:	FE054740.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.323	6.956	8494556.000	60.000	ug/ml
Aliphatic C12-C16	6.957	10.409	5894995.000	40.000	ug/ml
Aliphatic C16-C21	10.410	13.786	8539672.000	60.000	ug/ml
Aliphatic C21-C28	13.787	17.458	12069329.000	80.000	ug/ml
Aliphatic C28-C40	17.459	22.482	16504903.000	120.000	ug/ml
Aliphatic EPH	3.323	22.482	51503455.000	360.000	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054740.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 14:30
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 09 06:38:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 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)	12.082	3163856	19.483 ug/ml
Spiked Amount	50.000		Recovery =	38.97%
12)	S 1-chlorooctadecane (S...	13.518	2416769	19.136 ug/ml
Spiked Amount	50.000		Recovery =	38.27%
	Target Compounds			
1)	T n-Nonane (C9)	3.422	2740864	20.377 ug/ml
2)	T n-Decane (C10)	4.680	2847305	20.867 ug/ml
3)	T A~Naphthalene (C11.7)	6.397	3156948	20.850 ug/ml
4)	T n-Dodecane (C12)	6.854	2906387	21.183 ug/ml
5)	T A~2-methylnaphthalene...	7.498	3073994	20.911 ug/ml
6)	T n-Tetradecane (C14)	8.691	2925868	21.106 ug/ml
7)	T n-Hexadecane (C16)	10.306	2969127	20.835 ug/ml
8)	T n-Octadecane (C18)	11.755	2961445	20.207 ug/ml
10)	T n-Eicosane (C20)	13.070	2838852	19.743 ug/ml
11)	T n-Heneicosane (C21)	13.684	2739375	19.179 ug/ml
13)	T n-Docosane (C22)	14.272	2834539	19.851 ug/ml
14)	T n-Tetracosane (C24)	15.378	2972058	20.446 ug/ml
15)	T n-Hexacosane (C26)	16.402	3075218	21.250 ug/ml
16)	T n-Octacosane (C28)	17.354	3187514	21.871 ug/ml
17)	T n-Tricontane (C30)	18.244	3331120	21.139 ug/ml
18)	T n-Dotriacontane (C32)	19.078	3182441	19.671 ug/ml
19)	T n-Tetratriacontane (C34)	19.862	2835734	18.608 ug/ml
20)	T n-Hexatriacontane (C36)	20.604	2489334	18.514 ug/ml
21)	T n-Octatriacontane (C38)	21.385	2382756	20.316 ug/ml
22)	T n-Tetracontane (C40)	22.378	2283518	21.069 ug/ml

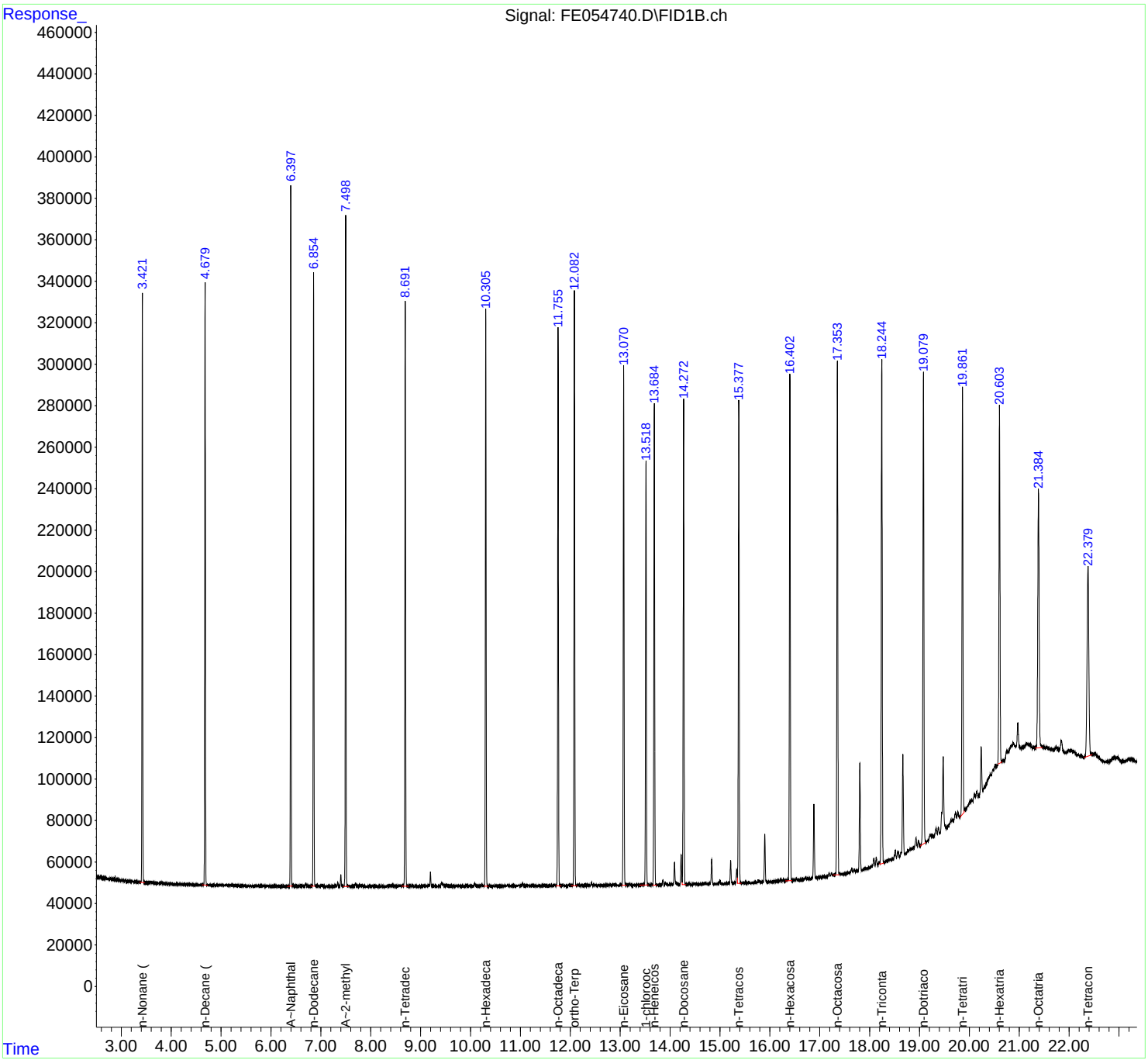
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054740.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 14:30
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 09 06:38:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 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_E\Data\FE070825AL\
Data File : FE054740.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 14:30
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.422	3.369	3.462	BB	283874	2740864	82.28%	4.329%
2	4.680	4.620	4.734	BB	291358	2847305	85.48%	4.497%
3	6.397	6.335	6.434	BV	337221	3156948	94.77%	4.986%
4	6.855	6.799	6.886	BB	295831	2906387	87.25%	4.590%
5	7.498	7.447	7.565	BB	323027	3073994	92.28%	4.855%
6	8.691	8.617	8.752	BB	279249	2925868	87.83%	4.621%
7	10.306	10.264	10.359	BB	275549	2969127	89.13%	4.689%
8	11.755	11.710	11.814	BB	269175	2961445	88.90%	4.677%
9	12.082	12.014	12.134	BV	287236	3163856	94.98%	4.997%
10	13.070	13.030	13.129	VB	250592	2838852	85.22%	4.484%
11	13.518	13.389	13.567	BB	203998	2416769	72.55%	3.817%
12	13.684	13.645	13.737	PB	231227	2739375	82.24%	4.327%
13	14.272	14.242	14.317	VB	234154	2834539	85.09%	4.477%
14	15.378	15.350	15.432	VB	230669	2972058	89.22%	4.694%
15	16.402	16.307	16.440	BB	244283	3075218	92.32%	4.857%
16	17.354	17.262	17.389	BV	247047	3187514	95.69%	5.034%
17	18.244	18.205	18.282	VV	242112	3331120	100.00%	5.261%
18	19.078	19.012	19.129	PV	225948	3182441	95.54%	5.026%
19	19.862	19.811	19.897	PV	205764	2835734	85.13%	4.479%
20	20.604	20.570	20.642	BV	172598	2489334	74.73%	3.932%
21	21.385	21.314	21.470	BV	123635	2382756	71.53%	3.763%
22	22.378	22.300	22.460	BV	91688	2283518	68.55%	3.607%
			Sum of corrected areas:			63315023		

Aliphatic EPH 062725.M Wed Jul 09 07:06:01 2025

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

Continuing Calibration Report for SequenceID : FE070825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE054750.D**						
Aliphatic C9-C12	8433339.000	60.000	3.323	6.956	140555.650	136055.079	-3.308
Aliphatic C12-C16	5898098.000	40.000	6.957	10.409	147452.450	140568.128	-4.897
Aliphatic C16-C21	8599688.000	60.000	10.410	13.786	143328.133	144393.643	0.738
Aliphatic C21-C28	12187137.000	80.000	13.787	17.458	152339.213	144651.717	-5.314
Aliphatic C28-C40	17119618.000	120.000	17.459	22.482	142663.483	138647.492	-2.897
Aliphatic EPH	52237880.000	360.000	3.323	22.482	145105.222	140720.791	-3.116

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 20:07
Client Sample ID:		Operator:	YP\AJ
Data file:	FE054750.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.323	6.956	8433339.000	60.000	ug/ml
Aliphatic C12-C16	6.957	10.409	5898098.000	40.000	ug/ml
Aliphatic C16-C21	10.410	13.786	8599688.000	60.000	ug/ml
Aliphatic C21-C28	13.787	17.458	12187137.000	80.000	ug/ml
Aliphatic C28-C40	17.459	22.482	17119618.000	120.000	ug/ml
Aliphatic EPH	3.323	22.482	52237880.000	360.000	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054750.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 20:07
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 09 06:40:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 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)	12.080	3189358	19.640 ug/ml
Spiked Amount	50.000	Recovery	= 39.28%	
12)	S 1-chlorooctadecane (S...	13.516	2442538	19.340 ug/ml
Spiked Amount	50.000	Recovery	= 38.68%	
	Target Compounds			
1)	T n-Nonane (C9)	3.421	2713479	20.173 ug/ml
2)	T n-Decane (C10)	4.678	2825972	20.711 ug/ml
3)	T A~Naphthalene (C11.7)	6.396	3152773	20.822 ug/ml
4)	T n-Dodecane (C12)	6.853	2893888	21.091 ug/ml
5)	T A~2-methylnaphthalene...	7.497	3071072	20.891 ug/ml
6)	T n-Tetradecane (C14)	8.690	2922167	21.079 ug/ml
7)	T n-Hexadecane (C16)	10.305	2975931	20.882 ug/ml
8)	T n-Octadecane (C18)	11.754	2979577	20.331 ug/ml
10)	T n-Eicosane (C20)	13.068	2858536	19.879 ug/ml
11)	T n-Heneicosane (C21)	13.683	2761575	19.334 ug/ml
13)	T n-Docosane (C22)	14.271	2853223	19.982 ug/ml
14)	T n-Tetracosane (C24)	15.377	2998171	20.625 ug/ml
15)	T n-Hexacosane (C26)	16.401	3101010	21.428 ug/ml
16)	T n-Octacosane (C28)	17.353	3234733	22.195 ug/ml
17)	T n-Tricontane (C30)	18.242	3414250	21.666 ug/ml
18)	T n-Dotriacontane (C32)	19.077	3327146	20.565 ug/ml
19)	T n-Tetratriacontane (C34)	19.862	2946893	19.338 ug/ml
20)	T n-Hexatriacontane (C36)	20.602	2581032	19.196 ug/ml
21)	T n-Octatriacontane (C38)	21.383	2470413	21.064 ug/ml
22)	T n-Tetracontane (C40)	22.374	2379884	21.958 ug/ml

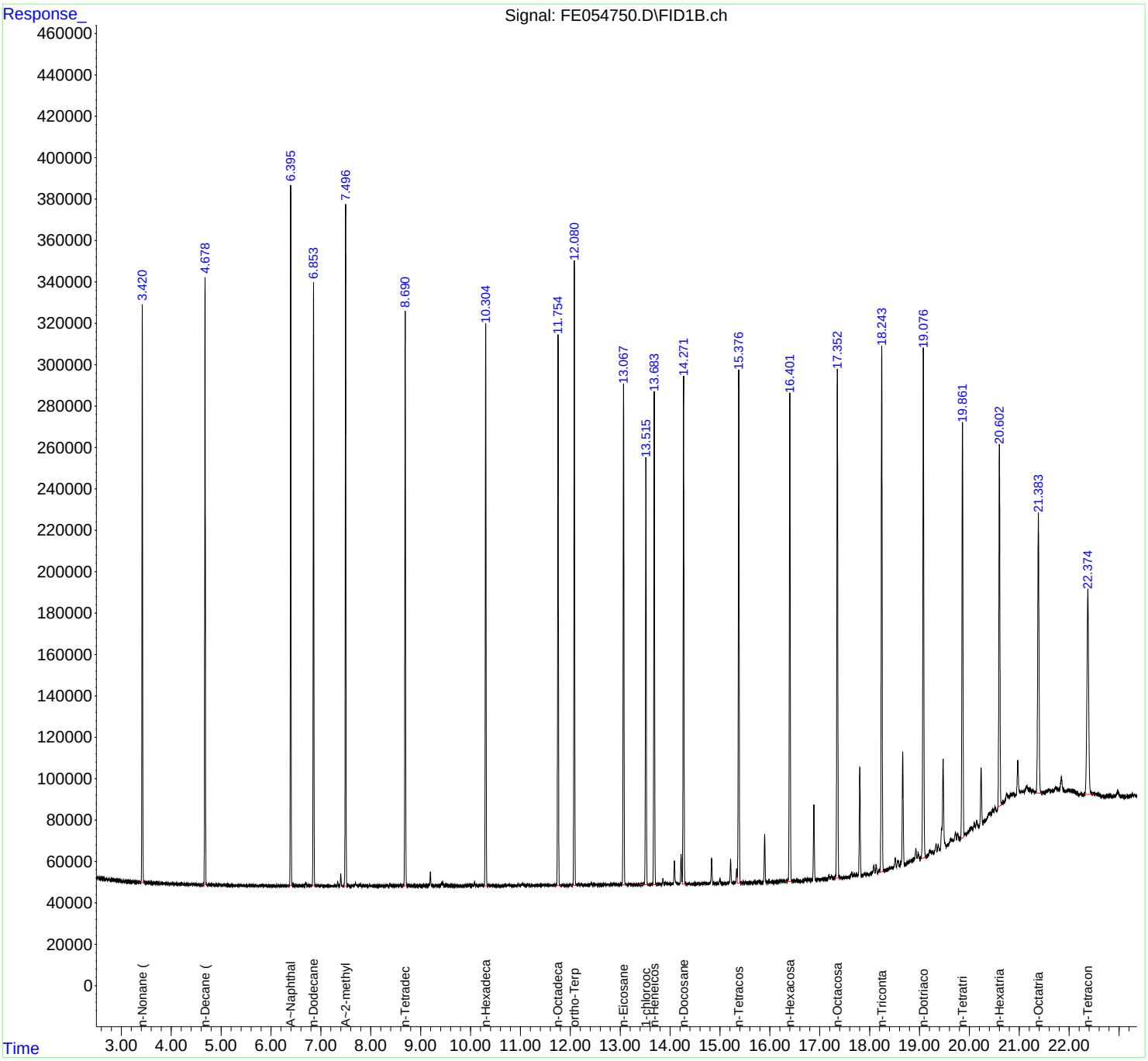
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054750.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 20:07
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 09 06:40:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 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_E\Data\FE070825AL\
Data File : FE054750.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 20:07
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.421	3.358	3.477	BB	278849	2713479	79.48%	4.235%
2	4.678	4.620	4.735	BB	293777	2825972	82.77%	4.411%
3	6.396	6.337	6.433	BV	338822	3152773	92.34%	4.921%
4	6.853	6.798	6.893	BB	291881	2893888	84.76%	4.517%
5	7.497	7.447	7.532	BB	328753	3071072	89.95%	4.793%
6	8.690	8.622	8.737	BB	277757	2922167	85.59%	4.561%
7	10.305	10.260	10.358	BB	271579	2975931	87.16%	4.645%
8	11.754	11.713	11.812	BB	266296	2979577	87.27%	4.650%
9	12.080	12.012	12.128	BB	301339	3189358	93.41%	4.978%
10	13.068	13.033	13.135	PB	239992	2858536	83.72%	4.461%
11	13.516	13.388	13.578	BB	203584	2442538	71.54%	3.812%
12	13.683	13.647	13.752	PB	238509	2761575	80.88%	4.310%
13	14.271	14.241	14.315	VB	243452	2853223	83.57%	4.453%
14	15.377	15.348	15.430	VB	246259	2998171	87.81%	4.679%
15	16.401	16.307	16.443	BB	234823	3101010	90.83%	4.840%
16	17.353	17.295	17.388	BV	243942	3234733	94.74%	5.049%
17	18.242	18.205	18.285	VV	250188	3414250	100.00%	5.329%
18	19.077	19.022	19.142	BV	246551	3327146	97.45%	5.193%
19	19.862	19.813	19.897	PV	200759	2946893	86.31%	4.599%
20	20.602	20.570	20.645	BV	174596	2581032	75.60%	4.028%
21	21.383	21.335	21.434	M	135209	2449858	71.75%	3.824%
22	22.374	22.300	22.499	BBA	98854	2379884	69.70%	3.714%
			Sum of corrected areas:			64073065		

Aliphatic EPH 062725.M Wed Jul 09 07:07:28 2025

QC SAMPLE DATA

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	98 Morse Ave Nutley	Date Received:	
Client Sample ID:	PB168752BL	SDG No.:	Q2504
Lab Sample ID:	PB168752BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/08/25 09:05	07/08/25 12:27	PB168752

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	FC069389.D
Total EPH	Total EPH	0.91	U		0.91	3.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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:	Sciacca General Contractors, LLC	Date Collected:	
Project:	98 Morse Ave Nutley	Date Received:	
Client Sample ID:	PB168752BL	SDG No.:	Q2504
Lab Sample ID:	PB168752BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069389.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.91	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)	31.6		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.6		40 - 140	63%	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:	PB168752BL	Acq On:	08 Jul 2025 12:27
Client Sample ID:	PB168752BL	Operator:	YP/AJ
Data file:	FC069389.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	0	0	300	ug/ml
Aliphatic C12-C16	6.603	10.005	0	0	200	ug/ml
Aliphatic C16-C21	10.006	13.375	0	0	300	ug/ml
Aliphatic C21-C28	13.375	17.040	0	0	400	ug/ml
Aliphatic C28-C40	17.041	22.023	0	0	600	ug/ml
Aliphatic EPH	3.303	22.023	0	0		ug/ml
ortho-Terphenyl (SURR)	11.674	11.674	5461240	31.61		ug/ml
1-chlorooctadecane (SURR)	13.109	13.109	4132866	31.64		ug/ml
Aliphatic C9-C28	3.303	17.040	0	0	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069389.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 12:27
Operator : YP/AJ
Sample : PB168752BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168752BL

Integration File: autoint1.e
Quant Time: Jul 09 04:43:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.674	5461240	31.612 ug/ml
Spiked Amount 50.000		Recovery =	63.22%
12) S 1-chlorooctadecane (S...	13.109	4132866	31.635 ug/ml
Spiked Amount 50.000		Recovery =	63.27%
Target Compounds			

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

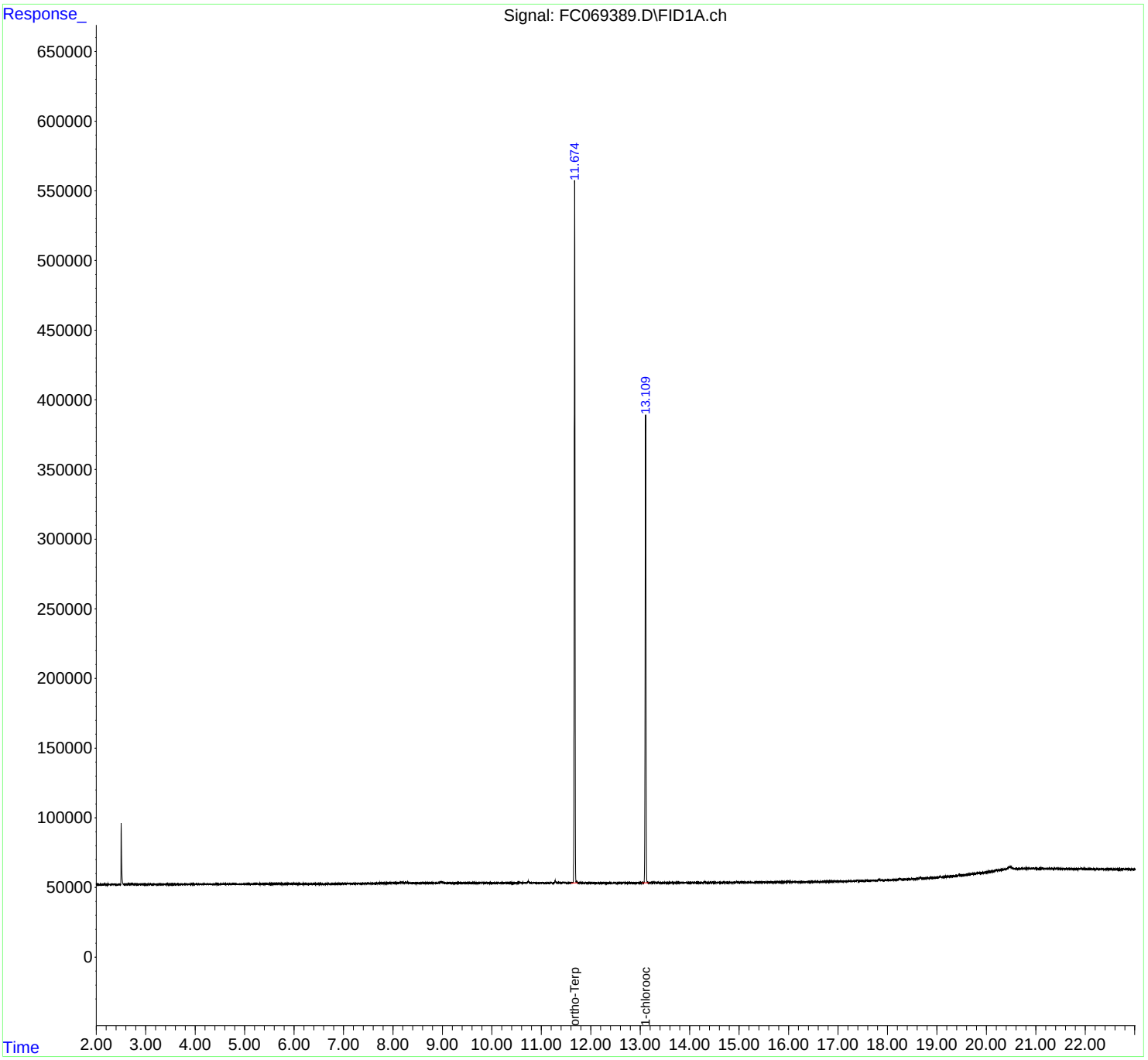
Quantitation Report (QT Reviewed)

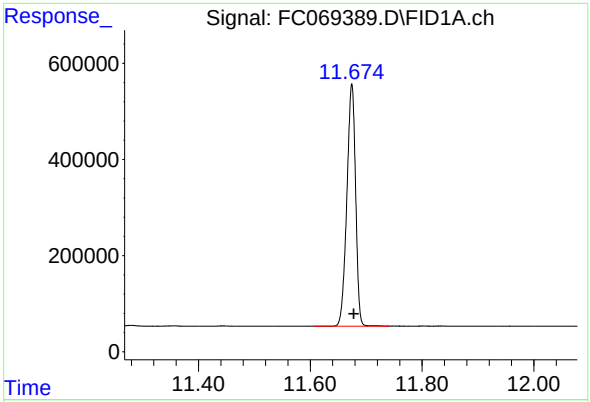
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069389.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 12:27
Operator : YP/AJ
Sample : PB168752BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168752BL

Integration File: autoint1.e
Quant Time: Jul 09 04:43:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

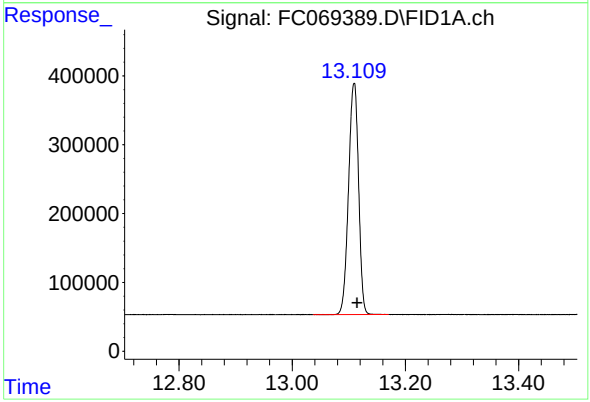




#9 ortho-Terphenyl (SURR)

R.T.: 11.674 min
Delta R.T.: -0.004 min
Response: 5461240
Conc: 31.61 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168752BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.109 min
Delta R.T.: -0.005 min
Response: 4132866
Conc: 31.64 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069389.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 12:27
Sample : PB168752BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	11.674	11.605	11.740	BB	503919	5461240	100.00%	56.923%
2	13.109	13.037	13.170	BB	336199	4132866	75.68%	43.077%
			Sum of corrected areas:			9594107		

Aliphatic EPH 061825.M Wed Jul 09 05:00:49 2025

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	98 Morse Ave Nutley	Date Received:	
Client Sample ID:	PB168752BS	SDG No.:	Q2504
Lab Sample ID:	PB168752BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/08/25 09:05	07/08/25 13:13	PB168752

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	80.8	E	1	0.91	3.99	mg/kg	FC069390.D
Total EPH	Total EPH	80.8			0.91	3.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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:	Sciacca General Contractors, LLC	Date Collected:	
Project:	98 Morse Ave Nutley	Date Received:	
Client Sample ID:	PB168752BS	SDG No.:	Q2504
Lab Sample ID:	PB168752BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069390.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		80.8	E	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		28.6		1.18	2.00	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		38.7		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		37.5		40 - 140	75%	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:	PB168752BS	Acq On:	08 Jul 2025 13:13
Client Sample ID:	PB168752BS	Operator:	YP/AJ
Data file:	FC069390.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	36931980	251.787	300	ug/ml
Aliphatic C12-C16	6.603	10.005	45966666	288.716	200	ug/ml
Aliphatic C16-C21	10.006	13.375	46570467	301.555	300	ug/ml
Aliphatic C21-C28	13.375	17.040	49659839	370.689	400	ug/ml
Aliphatic C28-C40	17.041	22.023	39626461	430.141	600	ug/ml
Aliphatic EPH	3.303	22.023	218755413	1640		ug/ml
ortho-Terphenyl (SURR)	11.675	11.675	6470596	37.45		ug/ml
1-chlorooctadecane (SURR)	13.110	13.110	5053469	38.68		ug/ml
Aliphatic C9-C28	3.303	17.040	179128952	1210	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069390.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 13:13
Operator : YP/AJ
Sample : PB168752BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168752BS

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 04:43:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	11.675	6470596	37.455 ug/ml
Spiked Amount	50.000		Recovery =	74.91%
12)	S 1-chlorooctadecane (S...	13.110	5053469	38.682 ug/ml
Spiked Amount	50.000		Recovery =	77.36%
	Target Compounds			
1)	T n-Nonane (C9)	3.419	6490707	45.639 ug/ml
2)	T n-Decane (C10)	4.485	6888010	47.051 ug/ml
3)	T A~Naphthalene (C11.7)	6.075	8443572	52.479 ug/ml
4)	T n-Dodecane (C12)	6.503	7118616	47.011 ug/ml
5)	T A~2-methylnaphthalene...	7.133	7795580	49.261 ug/ml
6)	T n-Tetradecane (C14)	8.304	7110343	45.872 ug/ml
7)	T n-Hexadecane (C16)	9.907	7068900	43.257 ug/ml
8)	T n-Octadecane (C18)	11.353	6804811	41.678 ug/ml
10)	T n-Eicosane (C20)	12.665	6669444	43.694 ug/ml
11)	T n-Heneicosane (C21)	13.278	6236018	42.309 ug/ml
13)	T n-Docosane (C22)	13.864	6023293	41.863 ug/ml
14)	T n-Tetracosane (C24)	14.964	11317532	82.052 ug/ml
15)	T n-Hexacosane (C26)	15.994	5298383	40.531 ug/ml
16)	T n-Octacosane (C28)	16.944	4991509	40.473 ug/ml
17)	T n-Tricontane (C30)	17.834	4799967	40.375 ug/ml
18)	T n-Dotriacontane (C32)	18.667	4575850	41.851 ug/ml
19)	T n-Tetratriacontane (C34)	19.452	4484285	46.437 ug/ml
20)	T n-Hexatriacontane (C36)	20.193	3732863	45.295 ug/ml
21)	T n-Octatriacontane (C38)	20.959	3109542	41.610 ug/ml
22)	T n-Tetracontane (C40)	21.922	2633914	37.194 ug/mlm

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069390.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 13:13
Operator : YP/AJ
Sample : PB168752BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

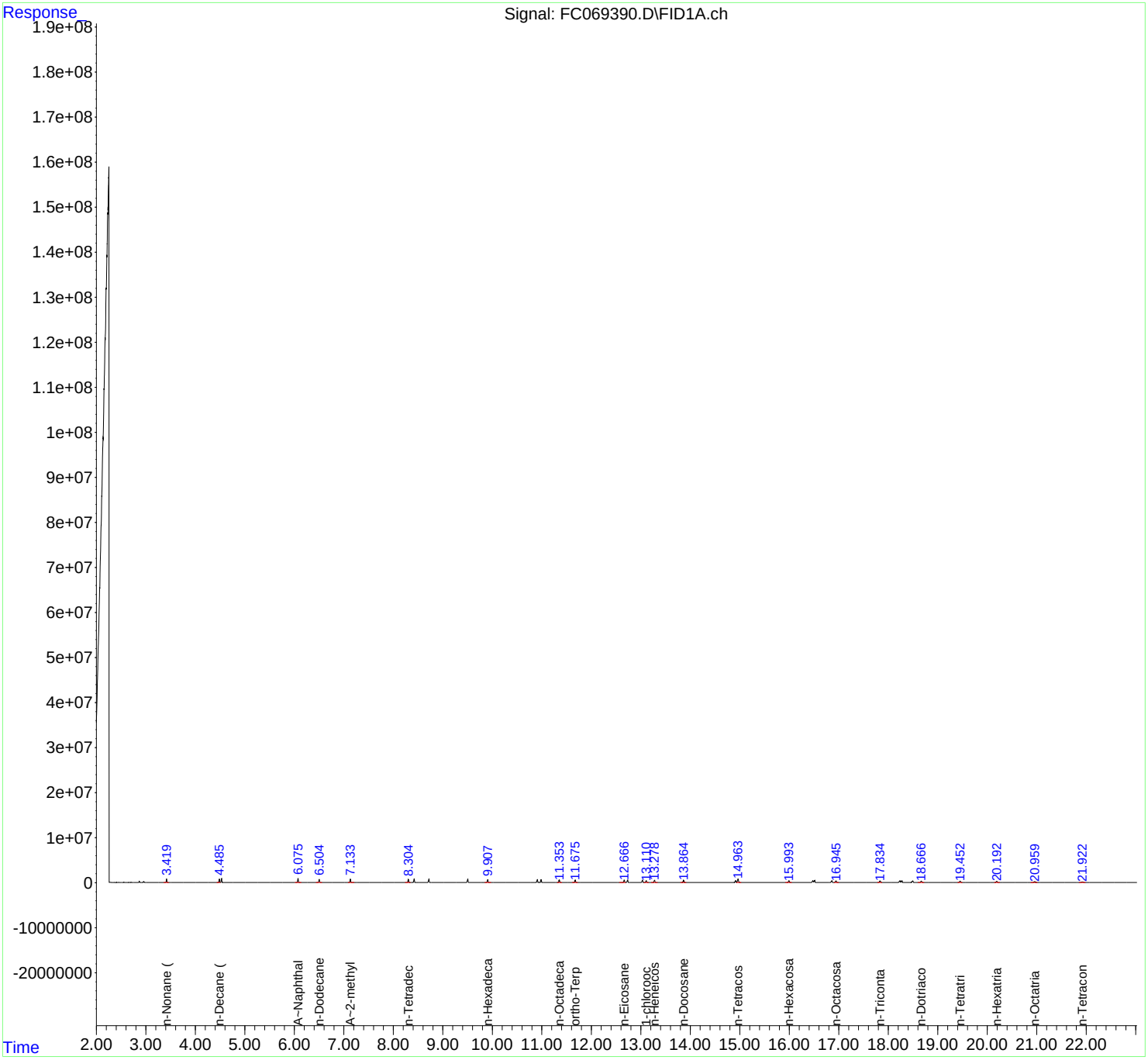
Integration File: autoint1.e
Quant Time: Jul 09 04:43:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
FID_C
ClientSampleId :
PB168752BS

Manual Integrations APPROVED

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



Instrument :
FID_C
ClientSampleId :
PB168752BS

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_C\Data\FC07082
Data File : FC069390.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 13:13
Sample : PB168752BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.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	3.419	3.359	3.464	BB	770283	6490707	57.35%	2.819%
2	4.485	4.430	4.506	BV	771061	6888010	60.86%	2.991%
3	4.529	4.506	4.572	VV	883647	7991075	70.61%	3.470%
4	6.075	6.012	6.139	BB	891191	8443572	74.61%	3.667%
5	6.503	6.435	6.559	BB	699094	7118616	62.90%	3.091%
6	7.133	7.085	7.209	BB	767569	7795580	68.88%	3.385%
7	8.304	8.237	8.347	BB	689750	7110343	62.83%	3.088%
8	8.420	8.355	8.465	BB	805327	8080064	71.39%	3.509%
9	8.718	8.657	8.762	BB	768870	8033455	70.98%	3.489%
10	9.504	9.442	9.567	BB	728449	7878324	69.61%	3.421%
11	9.907	9.845	9.975	BB	631290	7068900	62.46%	3.070%
12	10.910	10.820	10.947	BV	652060	7145547	63.14%	3.103%
13	10.987	10.947	11.042	PV	645997	7045773	62.26%	3.060%
14	11.353	11.310	11.404	BB	591815	6804811	60.13%	2.955%
15	11.675	11.612	11.725	BB	592693	6470596	57.17%	2.810%
16	12.665	12.565	12.696	BV	565757	6669444	58.93%	2.896%
17	12.734	12.696	12.797	VB	542722	6395122	56.51%	2.777%
18	13.034	12.962	13.062	BV	551496	6273752	55.43%	2.724%
19	13.110	13.062	13.162	VB	417011	5053469	44.65%	2.194%
20	13.278	13.209	13.339	BB	507170	6236018	55.10%	2.708%
21	13.864	13.800	13.917	BB	505104	6023293	53.22%	2.616%
22	14.916	14.847	14.934	BV	436813	5665861	50.06%	2.460%
23	14.964	14.934	15.029	VB	804727	11317532	100.00%	4.915%
24	15.994	15.922	16.050	BB	411969	5298383	46.82%	2.301%
25	16.476	16.405	16.492	BV	381448	5500911	48.61%	2.389%
26	16.513	16.492	16.569	VB	458077	5468790	48.32%	2.375%
27	16.861	16.782	16.902	BV	418338	5393560	47.66%	2.342%
28	16.944	16.902	17.000	VB	361978	4991509	44.10%	2.168%
29	17.834	17.780	17.874	BB	336444	4799967	42.41%	2.084%
30	18.236	18.155	18.252	BV	390186	5913332	52.25%	2.568%
31	18.275	18.252	18.337	VB	406734	5310237	46.92%	2.306%
32	18.495	18.409	18.549	BB	361177	5309755	46.92%	2.306%
33	18.667	18.595	18.724	BB	315390	4575850	40.43%	1.987%
34	19.452	19.400	19.497	BB	307120	4484285	39.62%	1.947%
35	20.193	20.140	20.254	BB	270017	3732863	32.98%	1.621%
36	20.959	20.877	21.015	BB	168281	3109542	27.48%	1.350%

Instrument :
FID_C
ClientSampleId :
PB168752BS

rteres

37 21.924 21.880 22.012 BB 99253 2390630 21.12% 1.038%

Sum of corrected areas: 230

Manual IntegrationsAPPROVED

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

Aliphatic EPH 061825.M Wed Jul 09 05:20:12 2025

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	98 Morse Ave Nutley	Date Received:	
Client Sample ID:	PB168752BSD	SDG No.:	Q2504
Lab Sample ID:	PB168752BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/08/25 09:05	07/08/25 14:03	PB168752

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	77.9		1	0.91	3.99	mg/kg	FC069391.D
Total EPH	Total EPH	77.9			0.91	3.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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:	Sciacca General Contractors, LLC	Date Collected:	
Project:	98 Morse Ave Nutley	Date Received:	
Client Sample ID:	PB168752BSD	SDG No.:	Q2504
Lab Sample ID:	PB168752BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069391.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	77.9		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	28.9		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.0		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.0		40 - 140	72%	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:	PB168752BSD	Acq On:	08 Jul 2025 14:03
Client Sample ID:	PB168752BSD	Operator:	YP/AJ
Data file:	FC069391.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	35534608	242.26	300	ug/ml
Aliphatic C12-C16	6.603	10.005	44220739	277.75	200	ug/ml
Aliphatic C16-C21	10.006	13.375	44811503	290.165	300	ug/ml
Aliphatic C21-C28	13.375	17.040	48256147	360.211	400	ug/ml
Aliphatic C28-C40	17.041	22.023	39959927	433.76	600	ug/ml
Aliphatic EPH	3.303	22.023	212782924	1600		ug/ml
ortho-Terphenyl (SURR)	11.677	11.677	6215634	35.98		ug/ml
1-chlorooctadecane (SURR)	13.111	13.111	4833044	36.99		ug/ml
Aliphatic C9-C28	3.303	17.040	172822997	1170	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069391.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 14:03
Operator : YP/AJ
Sample : PB168752BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168752BSD

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 04:44:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	11.677	6215634	35.979 ug/ml
Spiked Amount	50.000		Recovery =	71.96%
12)	S 1-chlorooctadecane (S...	13.111	4833044	36.995 ug/ml
Spiked Amount	50.000		Recovery =	73.99%
	Target Compounds			
1)	T n-Nonane (C9)	3.423	6225488	43.774 ug/ml
2)	T n-Decane (C10)	4.487	6617977	45.206 ug/ml
3)	T A~Naphthalene (C11.7)	6.077	8150629	50.658 ug/ml
4)	T n-Dodecane (C12)	6.505	6835333	45.140 ug/ml
5)	T A~2-methylnaphthalene...	7.135	7522852	47.538 ug/ml
6)	T n-Tetradecane (C14)	8.305	6817236	43.981 ug/ml
7)	T n-Hexadecane (C16)	9.909	6745030	41.275 ug/ml
8)	T n-Octadecane (C18)	11.354	6472514	39.643 ug/ml
10)	T n-Eicosane (C20)	12.665	6345563	41.572 ug/ml
11)	T n-Heneicosane (C21)	13.278	5945050	40.335 ug/ml
13)	T n-Docosane (C22)	13.865	5751260	39.972 ug/ml
14)	T n-Tetracosane (C24)	14.964	10978787	79.596 ug/ml
15)	T n-Hexacosane (C26)	15.995	5101038	39.022 ug/ml
16)	T n-Octacosane (C28)	16.943	4825233	39.125 ug/ml
17)	T n-Tricontane (C30)	17.835	4652656	39.136 ug/ml
18)	T n-Dotriacontane (C32)	18.666	4468134	40.866 ug/ml
19)	T n-Tetratriacontane (C34)	19.451	4469331	46.282 ug/ml
20)	T n-Hexatriacontane (C36)	20.192	3897010	47.287 ug/ml
21)	T n-Octatriacontane (C38)	20.958	3436435	45.984 ug/ml
22)	T n-Tetracontane (C40)	21.924	3003446	42.412 ug/mlm

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069391.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 14:03
Operator : YP/AJ
Sample : PB168752BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

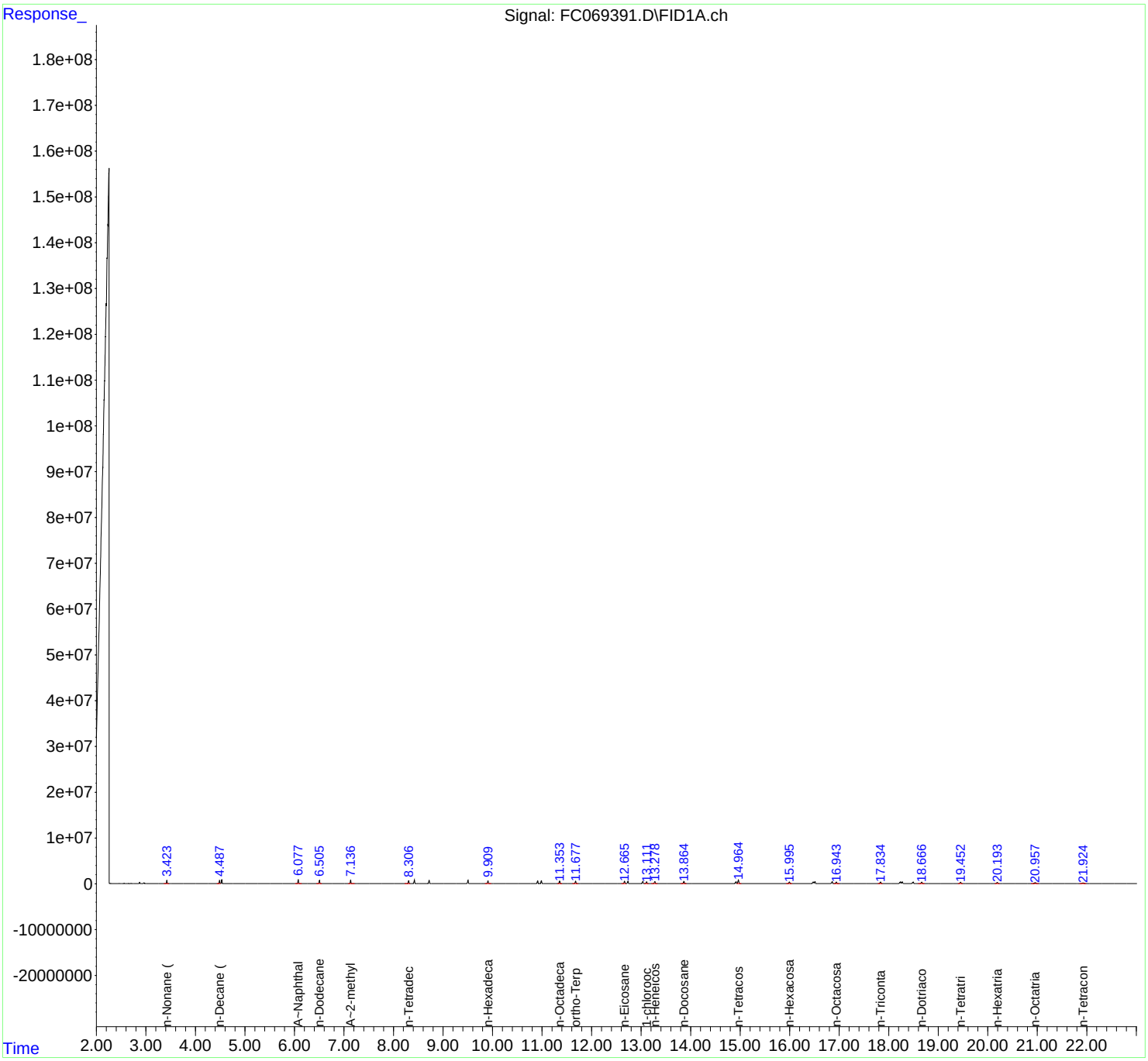
Instrument :
FID_C
ClientSampleId :
PB168752BSD

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 04:44:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Instrument :
FID_C
ClientSampleId :
PB168752BSD

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_C\Data\FC07082
Data File : FC069391.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 14:03
Sample : PB168752BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.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	3.423	3.360	3.465	BB	751587	6225488	56.70%	2.781%
2	4.487	4.432	4.508	BV	743377	6617977	60.28%	2.957%
3	4.531	4.508	4.574	VV	891861	7705181	70.18%	3.442%
4	6.077	6.012	6.145	BB	872350	8150629	74.24%	3.641%
5	6.505	6.442	6.552	BB	693282	6835333	62.26%	3.054%
6	7.135	7.084	7.215	BB	769571	7522852	68.52%	3.361%
7	8.305	8.224	8.335	BB	634193	6817236	62.09%	3.046%
8	8.422	8.359	8.474	BB	771062	7794991	71.00%	3.483%
9	8.720	8.654	8.764	BB	749144	7748107	70.57%	3.462%
10	9.505	9.432	9.572	BB	756402	7592523	69.16%	3.392%
11	9.909	9.845	9.972	BB	605856	6745030	61.44%	3.013%
12	10.912	10.822	10.949	BV	614707	6911322	62.95%	3.088%
13	10.987	10.949	11.042	VV	622757	6814909	62.07%	3.045%
14	11.354	11.310	11.402	BB	576183	6472514	58.95%	2.892%
15	11.677	11.612	11.730	BB	562120	6215634	56.61%	2.777%
16	12.665	12.605	12.696	BV	525409	6345563	57.80%	2.835%
17	12.735	12.696	12.790	VB	561623	6212121	56.58%	2.775%
18	13.035	12.960	13.063	BV	524161	6110024	55.65%	2.730%
19	13.111	13.063	13.150	VB	409774	4833044	44.02%	2.159%
20	13.278	13.209	13.332	BB	492831	5945050	54.15%	2.656%
21	13.865	13.795	13.917	BB	458529	5751260	52.39%	2.569%
22	14.916	14.847	14.935	BV	414346	5560753	50.65%	2.484%
23	14.964	14.935	15.024	VB	807890	10978787	100.00%	4.905%
24	15.995	15.930	16.047	BB	373229	5101038	46.46%	2.279%
25	16.478	16.394	16.492	BV	355686	5359755	48.82%	2.395%
26	16.512	16.492	16.559	VB	445534	5394844	49.14%	2.410%
27	16.860	16.782	16.889	BV	405459	5284477	48.13%	2.361%
28	16.943	16.889	17.004	VB	352205	4825233	43.95%	2.156%
29	17.835	17.780	17.874	BB	331867	4652656	42.38%	2.079%
30	18.236	18.154	18.250	BV	386887	5721548	52.11%	2.556%
31	18.274	18.250	18.347	VB	391849	5307055	48.34%	2.371%
32	18.495	18.414	18.552	BB	359157	5197887	47.34%	2.322%
33	18.666	18.594	18.724	BB	329832	4468134	40.70%	1.996%
34	19.451	19.400	19.494	BB	307818	4469331	40.71%	1.997%
35	20.192	20.140	20.239	BB	267661	3897010	35.50%	1.741%
36	20.958	20.877	21.025	BB	182706	3436435	31.30%	1.535%

Instrument :
FID_C
ClientSampleId :
PB168752BSD

rteres

37	21.925	21.880	22.009	BB	119259	2809871	25.59%	1.255%

Sum of corrected areas: 2238

Manual IntegrationsAPPROVED

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

Aliphatic EPH 061825.M Wed Jul 09 05:06:53 2025

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	98 Morse Ave Nutley	Date Received:	
Client Sample ID:	1MS	SDG No.:	Q2504
Lab Sample ID:	Q2486-03MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/08/25 09:05	07/08/25 15:43	PB168752

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	95.6	E	1	1.08	4.73	mg/kg	FC069393.D
Total EPH	Total EPH	95.6			1.08	4.73	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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:	Sciacca General Contractors, LLC	Date Collected:	
Project:	98 Morse Ave Nutley	Date Received:	
Client Sample ID:	1MS	SDG No.:	Q2504
Lab Sample ID:	Q2486-03MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069393.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		95.6	E	1.08	4.73	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		50.0	E	1.40	2.37	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		33.1		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		32.7		40 - 140	65%	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:	Q2486-03MS	Acq On:	08 Jul 2025 15:43
Client Sample ID:	1MS	Operator:	YP/AJ
Data file:	FC069393.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	35413819	241.437	300	ug/ml
Aliphatic C12-C16	6.603	10.005	45192906	283.856	200	ug/ml
Aliphatic C16-C21	10.006	13.375	47132121	305.192	300	ug/ml
Aliphatic C21-C28	13.375	17.040	50954662	380.354	400	ug/ml
Aliphatic C28-C40	17.041	22.023	58376649	633.672	600	ug/ml
Aliphatic EPH	3.303	22.023	237070157	1840		ug/ml
ortho-Terphenyl (SURR)	11.676	11.676	5649554	32.7		ug/ml
1-chlorooctadecane (SURR)	13.111	13.111	4327509	33.12		ug/ml
Aliphatic C9-C28	3.303	17.040	178693508	1210	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069393.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 15:43
Operator : YP/AJ
Sample : Q2486-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
1MS

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 04:44:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.676	5649554	32.702 ug/ml
Spiked Amount	50.000		Recovery =	65.40%
12) S	1-chlorooctadecane (S...	13.111	4327509	33.125 ug/ml
Spiked Amount	50.000		Recovery =	66.25%
	Target Compounds			
1) T	n-Nonane (C9)	3.424	6069155	42.675 ug/ml
2) T	n-Decane (C10)	4.488	6439160	43.985 ug/ml
3) T	A~Naphthalene (C11.7)	6.078	7947553	49.396 ug/ml
4) T	n-Dodecane (C12)	6.506	6650413	43.919 ug/ml
5) T	A~2-methylnaphthalene...	7.136	7333302	46.340 ug/ml
6) T	n-Tetradecane (C14)	8.306	6644023	42.863 ug/ml
7) T	n-Hexadecane (C16)	9.909	6607450	40.433 ug/ml
8) T	n-Octadecane (C18)	11.354	6346770	38.873 ug/ml
10) T	n-Eicosane (C20)	12.666	6259381	41.008 ug/ml
11) T	n-Heneicosane (C21)	13.279	5875766	39.865 ug/ml
13) T	n-Docosane (C22)	13.866	5693329	39.569 ug/ml
14) T	n-Tetracosane (C24)	14.964	10912472	79.115 ug/ml
15) T	n-Hexacosane (C26)	15.994	5072944	38.807 ug/ml
16) T	n-Octacosane (C28)	16.942	4825475	39.127 ug/ml
17) T	n-Tricontane (C30)	17.834	4645893	39.079 ug/ml
18) T	n-Dotriacontane (C32)	18.666	4598922	42.062 ug/ml
19) T	n-Tetratriacontane (C34)	19.451	4731886	49.001 ug/ml
20) T	n-Hexatriacontane (C36)	20.193	4617565	56.030 ug/ml
21) T	n-Octatriacontane (C38)	20.960	4813486	64.411 ug/ml
22) T	n-Tetracontane (C40)	21.925	4930686	69.627 ug/mlm

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069393.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 15:43
Operator : YP/AJ
Sample : Q2486-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

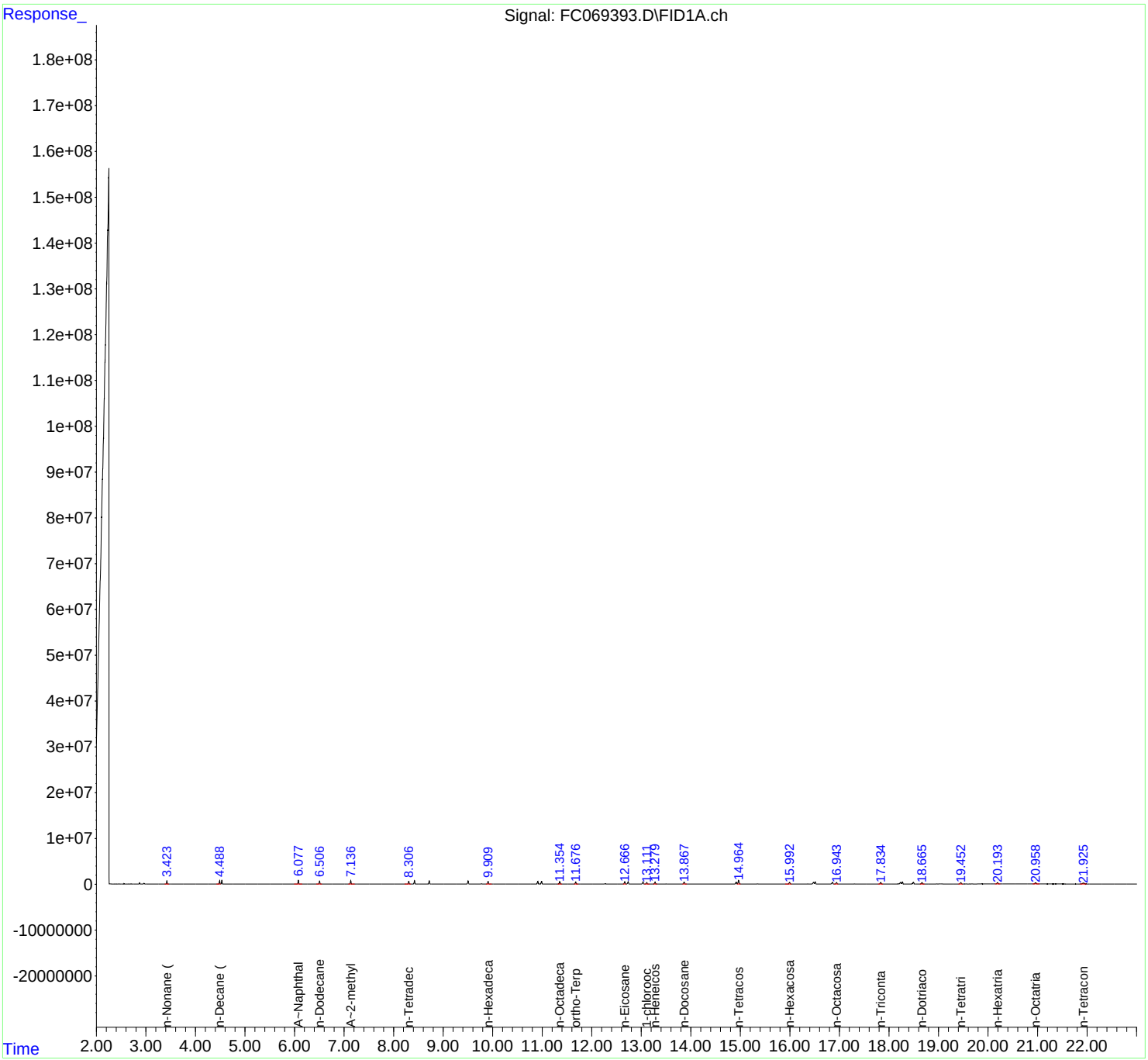
Instrument :
FID_C
ClientSampleId :
1MS

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 04:44:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Instrument :
FID_C
ClientSampleId :
1MS

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_C\Data\FC07082
Data File : FC069393.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 15:43
Sample : Q2486-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.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	3.253	3.204	3.271	BV	241	-725	-0.01%	-0.000%
2	3.279	3.271	3.292	PV	102	1091	0.01%	0.000%
3	3.320	3.292	3.366	VV	413	6182	0.06%	0.002%
4	3.381	3.366	3.392	PV	131	844	0.01%	0.000%
5	3.424	3.392	3.471	VV	733135	6080868	55.46%	2.459%
6	3.477	3.471	3.510	VV	471	7399	0.07%	0.003%
7	3.522	3.510	3.533	VV	190	1728	0.02%	0.001%
8	3.551	3.533	3.588	VV	360	7278	0.07%	0.003%
9	3.602	3.588	3.611	VV	321	3059	0.03%	0.001%
10	3.622	3.611	3.644	VV	345	3726	0.03%	0.002%
11	3.664	3.644	3.675	VV	230	2758	0.03%	0.001%
12	3.710	3.675	3.774	VV	3998	63656	0.58%	0.026%
13	3.788	3.774	3.821	VV	187	4063	0.04%	0.002%
14	3.830	3.821	3.843	VV	174	1763	0.02%	0.001%
15	3.854	3.843	3.881	VV	216	2767	0.03%	0.001%
16	3.914	3.881	3.931	PV	478	5776	0.05%	0.002%
17	3.937	3.931	3.951	VV	250	2046	0.02%	0.001%
18	3.967	3.951	3.984	VV	140	1416	0.01%	0.001%
19	3.998	3.984	4.051	VV	332	5091	0.05%	0.002%
20	4.066	4.051	4.084	VV	1126	10698	0.10%	0.004%
21	4.106	4.084	4.178	VV	1250	24772	0.23%	0.010%
22	4.186	4.178	4.215	VV	272	4104	0.04%	0.002%
23	4.253	4.215	4.268	VV	845	10944	0.10%	0.004%
24	4.279	4.268	4.387	VV	541	13358	0.12%	0.005%
25	4.445	4.387	4.456	VV	319	7084	0.06%	0.003%
26	4.488	4.456	4.509	VV	725800	6444291	58.77%	2.606%
27	4.532	4.509	4.575	VV	840707	7510021	68.49%	3.037%
28	4.592	4.575	4.614	VV	7059	68839	0.63%	0.028%
29	4.638	4.614	4.677	VV	12131	115498	1.05%	0.047%
30	4.700	4.677	4.723	VV	395	8018	0.07%	0.003%
31	4.738	4.723	4.755	VV	413	5328	0.05%	0.002%
32	4.767	4.755	4.784	VV	325	3694	0.03%	0.001%
33	4.817	4.784	4.879	VV	489	11797	0.11%	0.005%
34	4.907	4.879	4.923	VV	217	4246	0.04%	0.002%
35	4.941	4.923	4.950	VV	253	2482	0.02%	0.001%
36	4.967	4.950	4.998	VV	295	5511	0.05%	0.002%

Instrument :
FID_C
ClientSampleId :
1MS

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/09/2025
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37	5.019	4.998	5.061	VV	570	9926	0.09%	0.004%
38	5.107	5.061	5.171	VV	364	15944		
39	5.205	5.171	5.218	VV	281	5409		
40	5.222	5.218	5.249	VV	203	2780		
41	5.258	5.249	5.271	VV	203	1913		
42	5.276	5.271	5.284	VV	163	996		
43	5.306	5.284	5.320	VV	391	4650	0.04%	0.002%
44	5.338	5.320	5.362	VV	839	9940	0.09%	0.004%
45	5.395	5.362	5.444	VV	203	5329	0.05%	0.002%
46	5.452	5.444	5.457	PV	59	350	0.00%	0.000%
47	5.485	5.457	5.498	VV	88	1337	0.01%	0.001%
48	5.520	5.498	5.533	VV	1945	18945	0.17%	0.008%
49	5.545	5.533	5.603	VV	1905	30701	0.28%	0.012%
50	5.624	5.603	5.702	VV	664	18043	0.16%	0.007%
51	5.715	5.702	5.728	VV	262	3288	0.03%	0.001%
52	5.770	5.728	5.797	VV	809	14642	0.13%	0.006%
53	5.825	5.797	5.848	VV	296	6413	0.06%	0.003%
54	5.883	5.848	5.954	VV	828	28938	0.26%	0.012%
55	5.978	5.954	5.993	VV	345	7057	0.06%	0.003%
56	6.004	5.993	6.011	VV	370	3259	0.03%	0.001%
57	6.027	6.011	6.044	VV	562	8391	0.08%	0.003%
58	6.078	6.044	6.114	VV	853660	7950628	72.51%	3.215%
59	6.123	6.114	6.192	VV	1268	32355	0.30%	0.013%
60	6.219	6.192	6.239	VV	687	13625	0.12%	0.006%
61	6.253	6.239	6.271	VV	448	7650	0.07%	0.003%
62	6.280	6.271	6.324	VV	489	12405	0.11%	0.005%
63	6.346	6.324	6.364	VV	1184	16610	0.15%	0.007%
64	6.374	6.364	6.424	VV	728	19074	0.17%	0.008%
65	6.438	6.424	6.451	VV	421	6156	0.06%	0.002%
66	6.456	6.451	6.463	VV	450	3002	0.03%	0.001%
67	6.506	6.463	6.551	VV	689197	6673568	60.87%	2.698%
68	6.571	6.551	6.611	VV	2263	29390	0.27%	0.012%
69	6.651	6.611	6.687	VV	645	14941	0.14%	0.006%
70	6.704	6.687	6.741	VV	200	4387	0.04%	0.002%
71	6.752	6.741	6.756	VV	119	1020	0.01%	0.000%
72	6.779	6.756	6.809	VV	253	6330	0.06%	0.003%
73	6.828	6.809	6.874	VV	265	7350	0.07%	0.003%
74	6.923	6.874	6.948	VV	445	10435	0.10%	0.004%
75	6.976	6.948	7.014	VV	7055	77015	0.70%	0.031%
76	7.038	7.014	7.089	VV	15455	154950	1.41%	0.063%
77	7.136	7.089	7.247	VV	755054	7349417	67.03%	2.972%
78	7.269	7.247	7.304	VV	2695	40234	0.37%	0.016%
79	7.323	7.304	7.339	VV	2995	37389	0.34%	0.015%
80	7.349	7.339	7.373	VV	1549	18605	0.17%	0.008%
81	7.399	7.373	7.411	VV	1260	15908	0.15%	0.006%
82	7.427	7.411	7.450	VV	2131	23936	0.22%	0.010%
83	7.495	7.450	7.510	VV	577	14491	0.13%	0.006%
84	7.521	7.510	7.551	VV	492	7275	0.07%	0.003%
85	7.560	7.551	7.578	VV	176	2195	0.02%	0.001%
86	7.607	7.578	7.629	VV	851	11405	0.10%	0.005%
87	7.647	7.629	7.696	VV	502	10343	0.09%	0.004%
88	7.717	7.696	7.744	VV	799	10420	0.10%	0.004%
89	7.762	7.744	7.801	VV	237	5917	0.05%	0.002%

Instrument :
FID_C
ClientSampleId :
1MS

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Manual IntegrationsAPPROVED

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

90	7.845	7.801	7.868	VV	1398	25050	0.23%	0.010%
91	7.883	7.868	7.942	VV	1005	18672		
92	7.952	7.942	7.978	VV	218	3445		
93	7.997	7.978	8.034	VV	2087	27869		
94	8.053	8.034	8.093	VV	1150	20205		
95	8.125	8.093	8.147	VV	344	8088		
96	8.168	8.147	8.200	VV	1117	19131	0.17%	0.008%
97	8.212	8.200	8.224	VV	508	6814	0.06%	0.003%
98	8.231	8.224	8.244	VV	491	5309	0.05%	0.002%
99	8.262	8.244	8.269	VV	663	8107	0.07%	0.003%
100	8.306	8.269	8.346	VV	632803	6653585	60.68%	2.690%
101	8.361	8.346	8.374	VV	309	4042	0.04%	0.002%
102	8.422	8.374	8.474	VV	750051	7637873	69.66%	3.088%
103	8.500	8.474	8.519	VV	1903	25724	0.23%	0.010%
104	8.530	8.519	8.590	VV	689	12190	0.11%	0.005%
105	8.603	8.590	8.613	VV	262	3181	0.03%	0.001%
106	8.627	8.613	8.647	VV	279	4425	0.04%	0.002%
107	8.668	8.647	8.681	VV	385	6049	0.06%	0.002%
108	8.720	8.681	8.753	VV	755337	7593340	69.25%	3.070%
109	8.770	8.753	8.816	VV	1025	17927	0.16%	0.007%
110	8.834	8.816	8.845	VV	441	5358	0.05%	0.002%
111	8.862	8.845	8.880	VV	1425	15986	0.15%	0.006%
112	8.904	8.880	8.932	VV	4466	53730	0.49%	0.022%
113	8.988	8.932	9.035	VV	2246	55248	0.50%	0.022%
114	9.050	9.035	9.073	VV	1363	16601	0.15%	0.007%
115	9.085	9.073	9.103	VV	234	2655	0.02%	0.001%
116	9.125	9.103	9.140	PV	1118	12079	0.11%	0.005%
117	9.155	9.140	9.168	VV	744	8922	0.08%	0.004%
118	9.181	9.168	9.201	VV	731	8241	0.08%	0.003%
119	9.222	9.201	9.261	VV	1232	15279	0.14%	0.006%
120	9.279	9.261	9.291	VV	105	1636	0.01%	0.001%
121	9.311	9.291	9.335	VV	249	5122	0.05%	0.002%
122	9.364	9.335	9.375	VV	281	5074	0.05%	0.002%
123	9.384	9.375	9.401	VV	251	3321	0.03%	0.001%
124	9.417	9.401	9.436	VV	588	7609	0.07%	0.003%
125	9.452	9.436	9.467	VV	1372	15619	0.14%	0.006%
126	9.505	9.467	9.568	VV	696460	7481177	68.23%	3.025%
127	9.587	9.568	9.610	VV	488	10998	0.10%	0.004%
128	9.644	9.610	9.660	VV	1026	18875	0.17%	0.008%
129	9.682	9.660	9.695	VV	3122	39729	0.36%	0.016%
130	9.713	9.695	9.747	VV	10442	120100	1.10%	0.049%
131	9.775	9.747	9.823	VV	67426	717748	6.55%	0.290%
132	9.839	9.823	9.869	VV	1060	16310	0.15%	0.007%
133	9.909	9.869	9.976	VV	607182	6615414	60.34%	2.675%
134	9.995	9.976	10.044	VV	925	15086	0.14%	0.006%
135	10.092	10.044	10.128	VV	1108	27532	0.25%	0.011%
136	10.156	10.128	10.176	VV	905	17577	0.16%	0.007%
137	10.187	10.176	10.220	VV	509	7913	0.07%	0.003%
138	10.250	10.220	10.272	VV	5058	54593	0.50%	0.022%
139	10.287	10.272	10.311	VV	621	8052	0.07%	0.003%
140	10.347	10.311	10.360	VV	517	10968	0.10%	0.004%
141	10.375	10.360	10.406	VV	614	11391	0.10%	0.005%

Instrument :
FID_C
ClientSampleId :
1MS

Manual IntegrationsAPPROVED

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

rteres

142	10.423	10.406	10.441	VV	398	5586	0.05%	0.002%
143	10.463	10.441	10.481	VV	170	2942		
144	10.551	10.481	10.571	VV	559	15644		
145	10.601	10.571	10.627	VV	821	13714		
146	10.646	10.627	10.658	VV	436	5968		
147	10.708	10.658	10.764	VV	6326	106593		
148	10.794	10.764	10.843	VV	479	13581	0.12%	0.005%
149	10.911	10.843	10.950	VV	631621	6935782	63.26%	2.804%
150	10.988	10.950	11.041	VV	610189	6779849	61.83%	2.741%
151	11.059	11.041	11.128	VV	1286	35365	0.32%	0.014%
152	11.153	11.128	11.173	VV	1887	28281	0.26%	0.011%
153	11.192	11.173	11.237	VV	3270	43245	0.39%	0.017%
154	11.247	11.237	11.257	VV	298	2885	0.03%	0.001%
155	11.281	11.257	11.304	VV	567	10643	0.10%	0.004%
156	11.354	11.304	11.398	VV	544116	6372135	58.12%	2.577%
157	11.431	11.398	11.485	VV	1181	33993	0.31%	0.014%
158	11.505	11.485	11.528	VV	619	10404	0.09%	0.004%
159	11.545	11.528	11.575	VV	527	7737	0.07%	0.003%
160	11.613	11.575	11.639	PV	1650	28310	0.26%	0.011%
161	11.676	11.639	11.725	VV	500904	5662851	51.65%	2.290%
162	11.742	11.725	11.757	VV	1643	19414	0.18%	0.008%
163	11.767	11.757	11.788	VV	994	13563	0.12%	0.005%
164	11.807	11.788	11.818	VV	1481	17562	0.16%	0.007%
165	11.825	11.818	11.844	VV	1165	13677	0.12%	0.006%
166	11.860	11.844	11.875	VV	1291	16809	0.15%	0.007%
167	11.888	11.875	11.918	VV	1211	15342	0.14%	0.006%
168	11.954	11.918	11.989	PV	1504	24368	0.22%	0.010%
169	12.067	11.989	12.095	VV	1893	46389	0.42%	0.019%
170	12.119	12.095	12.164	VV	2437	47457	0.43%	0.019%
171	12.183	12.164	12.221	VV	1319	28744	0.26%	0.012%
172	12.273	12.221	12.337	VV	97712	1245573	11.36%	0.504%
173	12.351	12.337	12.372	VV	1863	31907	0.29%	0.013%
174	12.382	12.372	12.428	VV	1103	27983	0.26%	0.011%
175	12.452	12.428	12.468	VV	1568	25265	0.23%	0.010%
176	12.488	12.468	12.538	VV	1868	38195	0.35%	0.015%
177	12.559	12.538	12.577	VV	578	9556	0.09%	0.004%
178	12.613	12.577	12.629	VV	2292	37709	0.34%	0.015%
179	12.666	12.629	12.696	VV	536995	6266135	57.15%	2.534%
180	12.735	12.696	12.801	VV	537350	6270071	57.19%	2.535%
181	12.861	12.801	12.881	VV	764	22815	0.21%	0.009%
182	12.915	12.881	12.984	VV	5791	96215	0.88%	0.039%
183	13.036	12.984	13.062	VV	507598	6147014	56.06%	2.486%
184	13.111	13.062	13.165	VV	364784	4356178	39.73%	1.761%
185	13.222	13.165	13.240	VV	1904	43672	0.40%	0.018%
186	13.279	13.240	13.319	VV	494287	5912865	53.93%	2.391%
187	13.343	13.319	13.394	VV	4671	123138	1.12%	0.050%
188	13.408	13.394	13.438	VV	1646	36541	0.33%	0.015%
189	13.502	13.438	13.574	VV	18754	311810	2.84%	0.126%
190	13.616	13.574	13.640	VV	2303	54197	0.49%	0.022%
191	13.653	13.640	13.669	VV	1161	15881	0.14%	0.006%
192	13.706	13.669	13.713	VV	1433	25920	0.24%	0.010%
193	13.722	13.713	13.745	VV	1415	19802	0.18%	0.008%
194	13.764	13.745	13.789	VV	1372	23154	0.21%	0.009%

Instrument :
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1MS

rteres

Manual IntegrationsAPPROVED

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

195	13.813	13.789	13.828	VV	1920	29037	0.26%	0.012%
196	13.866	13.828	13.918	VV	451459	5724464	52	
197	13.933	13.918	13.976	VV	1032	19450	0	
198	13.989	13.976	14.003	VV	369	4820	0	
199	14.040	14.003	14.088	VV	1349	30992	0	
200	14.112	14.088	14.134	VV	713	14167	0	
201	14.156	14.134	14.194	VV	838	13976	0.13%	0.006%
202	14.253	14.194	14.281	VV	3950	67272	0.61%	0.027%
203	14.303	14.281	14.324	VV	3127	46749	0.43%	0.019%
204	14.351	14.324	14.397	VV	1070	27716	0.25%	0.011%
205	14.428	14.397	14.471	VV	2526	50454	0.46%	0.020%
206	14.489	14.471	14.508	VV	951	16519	0.15%	0.007%
207	14.530	14.508	14.571	VV	1177	24265	0.22%	0.010%
208	14.596	14.571	14.618	VV	1532	21095	0.19%	0.009%
209	14.649	14.618	14.668	VV	1389	25742	0.23%	0.010%
210	14.691	14.668	14.741	VV	7674	95728	0.87%	0.039%
211	14.779	14.741	14.788	VV	375	7914	0.07%	0.003%
212	14.813	14.788	14.842	VV	870	15235	0.14%	0.006%
213	14.860	14.842	14.873	VV	446	6056	0.06%	0.002%
214	14.917	14.873	14.936	VV	405416	5575181	50.85%	2.254%
215	14.964	14.936	15.038	VV	781139	10964421	100.00%	4.433%
216	15.069	15.038	15.094	VV	1320	22608	0.21%	0.009%
217	15.105	15.094	15.121	VV	287	3219	0.03%	0.001%
218	15.149	15.121	15.184	VV	555	11205	0.10%	0.005%
219	15.213	15.184	15.238	PV	576	10725	0.10%	0.004%
220	15.281	15.238	15.301	VV	576	14867	0.14%	0.006%
221	15.345	15.301	15.428	VV	34782	518524	4.73%	0.210%
222	15.444	15.428	15.460	VV	486	7694	0.07%	0.003%
223	15.487	15.460	15.521	VV	4223	66476	0.61%	0.027%
224	15.565	15.521	15.601	VV	3555	77134	0.70%	0.031%
225	15.619	15.601	15.645	VV	932	12974	0.12%	0.005%
226	15.668	15.645	15.694	VV	261	5079	0.05%	0.002%
227	15.749	15.694	15.781	VV	896	29457	0.27%	0.012%
228	15.817	15.781	15.839	VV	869	15924	0.15%	0.006%
229	15.867	15.839	15.923	VV	1584	36530	0.33%	0.015%
230	15.994	15.923	16.031	VV	380118	5094236	46.46%	2.060%
231	16.055	16.031	16.117	VV	1295	23816	0.22%	0.010%
232	16.127	16.117	16.146	VV	156	1252	0.01%	0.001%
233	16.193	16.146	16.228	PV	1169	25432	0.23%	0.010%
234	16.249	16.228	16.264	VV	417	7409	0.07%	0.003%
235	16.294	16.264	16.320	VV	1213	25641	0.23%	0.010%
236	16.361	16.320	16.422	VV	14430	244408	2.23%	0.099%
237	16.478	16.422	16.493	VV	374110	5550703	50.62%	2.244%
238	16.513	16.493	16.539	VV	454540	5354296	48.83%	2.165%
239	16.552	16.539	16.579	VV	2090	32512	0.30%	0.013%
240	16.601	16.579	16.624	VV	1272	19338	0.18%	0.008%
241	16.637	16.624	16.651	VV	418	6036	0.06%	0.002%
242	16.664	16.651	16.696	VV	462	9625	0.09%	0.004%
243	16.721	16.696	16.761	VV	3568	59855	0.55%	0.024%
244	16.790	16.761	16.812	VV	3727	61109	0.56%	0.025%
245	16.861	16.812	16.888	VV	415630	5371370	48.99%	2.172%
246	16.942	16.888	16.976	VV	353621	4842959	44.17%	1.958%

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Manual IntegrationsAPPROVED

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rteres

247	16.992	16.976	17.003	VV	3812	51079	0.47%	0.021%
248	17.018	17.003	17.061	VV	4866	72612		
249	17.088	17.061	17.116	VV	631	15933		
250	17.132	17.116	17.144	VV	402	5963		
251	17.212	17.144	17.248	VV	1109	43497		
252	17.305	17.248	17.358	VV	14084	272170		
253	17.391	17.358	17.421	VV	8207	138736	1.27%	0.056%
254	17.433	17.421	17.444	VV	886	10459	0.10%	0.004%
255	17.475	17.444	17.494	VV	1690	34442	0.31%	0.014%
256	17.511	17.494	17.538	VV	1269	27942	0.25%	0.011%
257	17.568	17.538	17.589	VV	878	20641	0.19%	0.008%
258	17.618	17.589	17.646	VV	895	21174	0.19%	0.009%
259	17.685	17.646	17.694	VV	987	21208	0.19%	0.009%
260	17.723	17.694	17.745	VV	4262	73923	0.67%	0.030%
261	17.834	17.745	17.879	VV	350641	4760375	43.42%	1.925%
262	17.919	17.879	17.958	VV	4878	104946	0.96%	0.042%
263	18.010	17.958	18.031	VV	1860	65695	0.60%	0.027%
264	18.071	18.031	18.108	VV	3377	86665	0.79%	0.035%
265	18.237	18.108	18.252	VV	361171	6342374	57.85%	2.565%
266	18.274	18.252	18.327	VV	420311	5450592	49.71%	2.204%
267	18.352	18.327	18.373	VV	4163	86532	0.79%	0.035%
268	18.391	18.373	18.418	VV	2895	65936	0.60%	0.027%
269	18.494	18.418	18.581	VV	360386	5485358	50.03%	2.218%
270	18.609	18.581	18.623	VV	3657	74292	0.68%	0.030%
271	18.666	18.623	18.716	VV	334654	4723871	43.08%	1.910%
272	18.762	18.716	18.811	VV	7138	262926	2.40%	0.106%
273	18.832	18.811	18.857	VV	5423	119168	1.09%	0.048%
274	18.872	18.857	18.895	VV	3487	70209	0.64%	0.028%
275	18.914	18.895	18.926	VV	3061	54970	0.50%	0.022%
276	18.963	18.926	18.990	VV	10809	264439	2.41%	0.107%
277	19.021	18.990	19.051	VV	22882	513081	4.68%	0.207%
278	19.067	19.051	19.109	VV	10086	268264	2.45%	0.108%
279	19.152	19.109	19.179	VV	7067	228050	2.08%	0.092%
280	19.201	19.179	19.231	VV	5703	152418	1.39%	0.062%
281	19.260	19.231	19.285	VV	5375	151042	1.38%	0.061%
282	19.315	19.285	19.341	VV	6265	187447	1.71%	0.076%
283	19.358	19.341	19.386	VV	6675	151082	1.38%	0.061%
284	19.451	19.386	19.490	VV	329066	5016061	45.75%	2.028%
285	19.518	19.490	19.534	VV	7898	169679	1.55%	0.069%
286	19.556	19.534	19.596	VV	8795	247514	2.26%	0.100%
287	19.628	19.596	19.645	VV	7428	184433	1.68%	0.075%
288	19.668	19.645	19.718	VV	7717	293761	2.68%	0.119%
289	19.742	19.718	19.765	VV	6223	167092	1.52%	0.068%
290	19.818	19.765	19.890	VV	12289	624778	5.70%	0.253%
291	19.990	19.890	20.028	VV	10636	651717	5.94%	0.264%
292	20.073	20.028	20.116	VV	9034	428067	3.90%	0.173%
293	20.193	20.116	20.246	VV	323256	5187654	47.31%	2.098%
294	20.275	20.246	20.286	VV	7528	174122	1.59%	0.070%
295	20.355	20.286	20.392	VV	13175	605218	5.52%	0.245%
296	20.425	20.392	20.462	VV	8794	332861	3.04%	0.135%
297	20.470	20.462	20.480	VV	7444	79807	0.73%	0.032%
298	20.547	20.480	20.588	VV	9187	518254	4.73%	0.210%
299	20.597	20.588	20.622	VV	7577	152613	1.39%	0.062%

Instrument :
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Manual IntegrationsAPPROVED

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

rteres

300	20.659	20.622	20.689	VV	7345	286428	2.61%	0.116%
301	20.699	20.689	20.718	VV	6934	113837	1	
302	20.724	20.718	20.809	VV	6694	334771	3	
303	20.866	20.809	20.905	VV	5926	329432	3	
304	20.960	20.905	21.039	VV	259812	5244320	47	
305	21.048	21.039	21.114	VV	5273	223888	2	
306	21.129	21.114	21.201	VV	4684	230221	2.10%	0.093%
307	21.221	21.201	21.234	VV	4241	83005	0.76%	0.034%
308	21.258	21.234	21.314	VV	4258	194367	1.77%	0.079%
309	21.341	21.314	21.369	VV	4005	127733	1.16%	0.052%
310	21.411	21.369	21.568	VV	4691	440178	4.01%	0.178%
311	21.578	21.568	21.586	VV	3017	32357	0.30%	0.013%
312	21.598	21.586	21.638	VV	3013	89125	0.81%	0.036%
313	21.657	21.638	21.710	VV	2864	114461	1.04%	0.046%
314	21.767	21.710	21.808	VV	2869	150018	1.37%	0.061%
315	21.836	21.808	21.853	VV	2281	59967	0.55%	0.024%
316	21.927	21.853	22.070	VV	199242	5133090	46.82%	2.076%
317	22.086	22.070	22.108	VV	1444	29984	0.27%	0.012%
318	22.142	22.108	22.173	VV	2100	69236	0.63%	0.028%
319	22.206	22.173	22.329	VV	2056	108405	0.99%	0.044%
320	22.356	22.329	22.374	VV	147	3106	0.03%	0.001%
321	22.460	22.374	22.478	PV	289	9189	0.08%	0.004%

Sum of corrected areas: 247309473

Aliphatic EPH 061825.M Wed Jul 09 05:08:54 2025

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	98 Morse Ave Nutley	Date Received:	
Client Sample ID:	1MSD	SDG No.:	Q2504
Lab Sample ID:	Q2486-03MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/08/25 09:05	07/08/25 16:33	PB168752

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	98.3	E	1	1.08	4.75	mg/kg	FC069394.D
Total EPH	Total EPH	98.3			1.08	4.75	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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:	Sciacca General Contractors, LLC	Date Collected:	
Project:	98 Morse Ave Nutley	Date Received:	
Client Sample ID:	1MSD	SDG No.:	Q2504
Lab Sample ID:	Q2486-03MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069394.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	98.3	E	1.08	4.75	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	62.4	E	1.40	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.8		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.3		40 - 140	67%	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:	Q2486-03MSD	Acq On:	08 Jul 2025 16:33
Client Sample ID:	1MSD	Operator:	YP/AJ
Data file:	FC069394.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	36610071	249.592	300	ug/ml
Aliphatic C12-C16	6.603	10.005	46547958	292.367	200	ug/ml
Aliphatic C16-C21	10.006	13.375	48176989	311.958	300	ug/ml
Aliphatic C21-C28	13.375	17.040	52205208	389.689	400	ug/ml
Aliphatic C28-C40	17.041	22.023	72695541	789.102	600	ug/ml
Aliphatic EPH	3.303	22.023	256235767	2030		ug/ml
ortho-Terphenyl (SURR)	11.675	11.675	5754763	33.31		ug/ml
1-chlorooctadecane (SURR)	13.110	13.110	4411834	33.77		ug/ml
Aliphatic C9-C28	3.303	17.040	183540226	1240	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069394.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 16:33
Operator : YP/AJ
Sample : Q2486-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
1MSD

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 04:44:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.675	5754763	33.311 ug/ml
Spiked Amount	50.000		Recovery =	66.62%
12) S	1-chlorooctadecane (S...	13.110	4411834	33.770 ug/ml
Spiked Amount	50.000		Recovery =	67.54%
	Target Compounds			
1) T	n-Nonane (C9)	3.422	6260600	44.021 ug/ml
2) T	n-Decane (C10)	4.487	6672976	45.582 ug/ml
3) T	A~Naphthalene (C11.7)	6.077	8207883	51.014 ug/ml
4) T	n-Dodecane (C12)	6.505	6913827	45.658 ug/ml
5) T	A~2-methylnaphthalene...	7.135	7568134	47.824 ug/ml
6) T	n-Tetradecane (C14)	8.305	6886539	44.428 ug/ml
7) T	n-Hexadecane (C16)	9.908	6829874	41.794 ug/ml
8) T	n-Octadecane (C18)	11.353	6552188	40.131 ug/ml
10) T	n-Eicosane (C20)	12.666	6447629	42.241 ug/ml
11) T	n-Heneicosane (C21)	13.278	6044028	41.006 ug/ml
13) T	n-Docosane (C22)	13.866	5844516	40.620 ug/ml
14) T	n-Tetracosane (C24)	14.965	11162920	80.931 ug/ml
15) T	n-Hexacosane (C26)	15.994	5172764	39.570 ug/ml
16) T	n-Octacosane (C28)	16.944	4909644	39.809 ug/ml
17) T	n-Tricontane (C30)	17.835	4728379	39.773 ug/ml
18) T	n-Dotriacontane (C32)	18.667	4686610	42.864 ug/ml
19) T	n-Tetratriacontane (C34)	19.452	4831520	50.033 ug/ml
20) T	n-Hexatriacontane (C36)	20.194	4732415	57.424 ug/ml
21) T	n-Octatriacontane (C38)	20.960	4978273	66.616 ug/ml
22) T	n-Tetracontane (C40)	21.927	5069484	71.587 ug/mlm

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069394.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 16:33
Operator : YP/AJ
Sample : Q2486-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

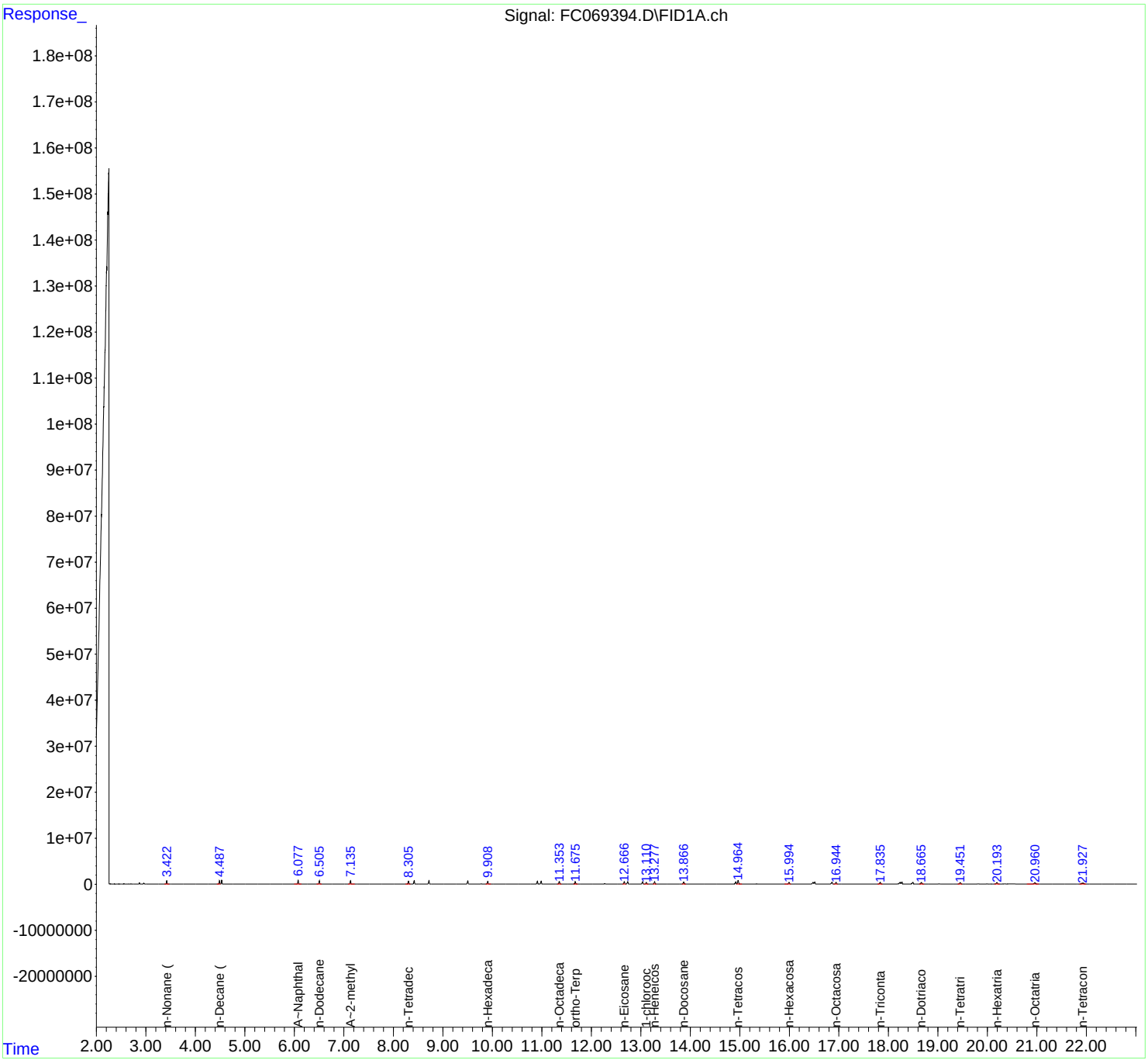
Instrument :
FID_C
ClientSampleId :
1MSD

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 04:44:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Instrument :
FID_C
ClientSampleId :
1MSD

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_C\Data\FC07082
Data File : FC069394.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 16:33
Sample : Q2486-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.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	3.251	3.205	3.265	BV	269	-45	-0.00%	-0.000%
2	3.278	3.265	3.291	PV	268	2500	0.02%	0.001%
3	3.319	3.291	3.339	VV	510	7362	0.07%	0.003%
4	3.350	3.339	3.365	VV	164	1356	0.01%	0.001%
5	3.379	3.365	3.389	VV	160	1189	0.01%	0.000%
6	3.422	3.389	3.508	PV	746684	6277656	56.30%	2.335%
7	3.522	3.508	3.531	VV	164	1489	0.01%	0.001%
8	3.547	3.531	3.583	VV	413	7122	0.06%	0.003%
9	3.599	3.583	3.611	VV	283	3046	0.03%	0.001%
10	3.621	3.611	3.643	VV	355	3699	0.03%	0.001%
11	3.662	3.643	3.672	VV	280	2412	0.02%	0.001%
12	3.708	3.672	3.771	VV	4054	63874	0.57%	0.024%
13	3.786	3.771	3.821	VV	313	4811	0.04%	0.002%
14	3.829	3.821	3.838	VV	209	1701	0.02%	0.001%
15	3.852	3.838	3.891	VV	241	4200	0.04%	0.002%
16	3.913	3.891	3.977	VV	486	9043	0.08%	0.003%
17	3.996	3.977	4.043	PV	325	4917	0.04%	0.002%
18	4.064	4.043	4.080	VV	1154	10365	0.09%	0.004%
19	4.105	4.080	4.171	VV	1376	24622	0.22%	0.009%
20	4.182	4.171	4.225	VV	288	5472	0.05%	0.002%
21	4.252	4.225	4.266	VV	897	10624	0.10%	0.004%
22	4.277	4.266	4.388	VV	514	13191	0.12%	0.005%
23	4.410	4.388	4.428	VV	183	3030	0.03%	0.001%
24	4.441	4.428	4.458	VV	291	3529	0.03%	0.001%
25	4.487	4.458	4.508	VV	759954	6678268	59.89%	2.484%
26	4.531	4.508	4.573	VV	877827	7764859	69.63%	2.888%
27	4.591	4.573	4.613	VV	7447	70393	0.63%	0.026%
28	4.637	4.613	4.681	VV	12451	119562	1.07%	0.044%
29	4.701	4.681	4.715	VV	424	6520	0.06%	0.002%
30	4.738	4.715	4.753	VV	419	6794	0.06%	0.003%
31	4.769	4.753	4.794	VV	370	5520	0.05%	0.002%
32	4.815	4.794	4.844	VV	498	8390	0.08%	0.003%
33	4.855	4.844	4.887	VV	242	4538	0.04%	0.002%
34	4.904	4.887	4.918	VV	198	3245	0.03%	0.001%
35	4.965	4.918	4.999	VV	284	8243	0.07%	0.003%
36	5.019	4.999	5.038	VV	519	7198	0.06%	0.003%

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37	5.051	5.038	5.064	VV	268	3315	0.03%	0.001%
38	5.102	5.064	5.165	VV	339	14209		
39	5.179	5.165	5.187	VV	207	1713		
40	5.223	5.187	5.245	VV	293	5955		
41	5.257	5.245	5.281	VV	214	2830		
42	5.304	5.281	5.321	VV	394	5043		
43	5.337	5.321	5.377	VV	932	12125	0.11%	0.005%
44	5.396	5.377	5.453	VV	241	6750	0.06%	0.003%
45	5.477	5.453	5.496	PV	59	1380	0.01%	0.001%
46	5.519	5.496	5.532	VV	2014	19091	0.17%	0.007%
47	5.545	5.532	5.605	VV	1900	29824	0.27%	0.011%
48	5.624	5.605	5.678	VV	701	14012	0.13%	0.005%
49	5.685	5.678	5.699	VV	277	2452	0.02%	0.001%
50	5.708	5.699	5.722	VV	168	1716	0.02%	0.001%
51	5.769	5.722	5.805	VV	740	14442	0.13%	0.005%
52	5.819	5.805	5.839	VV	222	3809	0.03%	0.001%
53	5.882	5.839	5.964	VV	799	27946	0.25%	0.010%
54	5.974	5.964	5.991	VV	264	3582	0.03%	0.001%
55	5.999	5.991	6.006	VV	254	1870	0.02%	0.001%
56	6.028	6.006	6.041	VV	484	7014	0.06%	0.003%
57	6.077	6.041	6.113	VV	880143	8211262	73.64%	3.054%
58	6.122	6.113	6.148	VV	1280	19032	0.17%	0.007%
59	6.159	6.148	6.192	VV	639	11509	0.10%	0.004%
60	6.220	6.192	6.238	VV	650	12091	0.11%	0.004%
61	6.254	6.238	6.267	VV	464	6700	0.06%	0.002%
62	6.280	6.267	6.323	VV	470	11949	0.11%	0.004%
63	6.345	6.323	6.361	VV	1151	15716	0.14%	0.006%
64	6.372	6.361	6.417	VV	799	17477	0.16%	0.007%
65	6.438	6.417	6.467	VV	413	10923	0.10%	0.004%
66	6.505	6.467	6.550	VV	717087	6934620	62.19%	2.579%
67	6.569	6.550	6.617	VV	2313	31474	0.28%	0.012%
68	6.650	6.617	6.715	VV	706	18473	0.17%	0.007%
69	6.724	6.715	6.738	VV	134	2019	0.02%	0.001%
70	6.778	6.738	6.811	VV	325	9463	0.08%	0.004%
71	6.829	6.811	6.875	VV	288	7534	0.07%	0.003%
72	6.921	6.891	6.941	VV	450	7269	0.07%	0.003%
73	6.975	6.941	7.010	VV	7498	78297	0.70%	0.029%
74	7.037	7.010	7.084	VV	16052	157782	1.41%	0.059%
75	7.135	7.084	7.218	VV	759668	7574952	67.93%	2.818%
76	7.227	7.218	7.244	VV	247	2763	0.02%	0.001%
77	7.268	7.244	7.300	VV	2761	37270	0.33%	0.014%
78	7.322	7.300	7.338	VV	2987	38726	0.35%	0.014%
79	7.347	7.338	7.373	VV	1543	18215	0.16%	0.007%
80	7.398	7.373	7.410	VV	1285	15402	0.14%	0.006%
81	7.426	7.410	7.451	VV	2157	23028	0.21%	0.009%
82	7.475	7.451	7.507	VV	503	12589	0.11%	0.005%
83	7.520	7.507	7.545	VV	477	6384	0.06%	0.002%
84	7.553	7.545	7.583	VV	201	3107	0.03%	0.001%
85	7.607	7.583	7.628	VV	809	10219	0.09%	0.004%
86	7.646	7.628	7.694	VV	466	8750	0.08%	0.003%
87	7.716	7.694	7.739	PV	808	9612	0.09%	0.004%
88	7.759	7.739	7.806	VV	215	5527	0.05%	0.002%
89	7.845	7.806	7.868	VV	1426	24381	0.22%	0.009%

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90	7.882	7.868	7.941	VV	1059	18273	0.16%	0.007%
91	7.948	7.941	7.975	VV	227	3513		
92	7.996	7.975	8.024	VV	2303	29539		
93	8.052	8.024	8.092	VV	1266	26996		
94	8.131	8.092	8.145	VV	507	12494		
95	8.167	8.145	8.244	VV	1342	40978		
96	8.305	8.244	8.344	VV	662835	6910095	61.97%	2.570%
97	8.359	8.344	8.373	VV	377	5722	0.05%	0.002%
98	8.421	8.373	8.472	VV	768231	7845460	70.36%	2.918%
99	8.498	8.472	8.518	VV	2025	27411	0.25%	0.010%
100	8.530	8.518	8.564	VV	697	10210	0.09%	0.004%
101	8.616	8.564	8.648	VV	346	12283	0.11%	0.005%
102	8.665	8.648	8.680	VV	496	6963	0.06%	0.003%
103	8.719	8.680	8.751	VV	751560	7795177	69.91%	2.900%
104	8.768	8.751	8.820	VV	1123	20895	0.19%	0.008%
105	8.834	8.820	8.843	VV	436	4786	0.04%	0.002%
106	8.862	8.843	8.879	VV	1530	17272	0.15%	0.006%
107	8.903	8.879	8.936	VV	4763	58528	0.52%	0.022%
108	8.987	8.936	9.035	VV	2543	63698	0.57%	0.024%
109	9.048	9.035	9.075	VV	1489	18328	0.16%	0.007%
110	9.084	9.075	9.105	VV	276	3097	0.03%	0.001%
111	9.123	9.105	9.139	VV	1114	12649	0.11%	0.005%
112	9.154	9.139	9.167	VV	768	9640	0.09%	0.004%
113	9.180	9.167	9.201	VV	831	9271	0.08%	0.003%
114	9.222	9.201	9.259	VV	1223	16052	0.14%	0.006%
115	9.292	9.259	9.339	PV	211	6504	0.06%	0.002%
116	9.384	9.339	9.398	VV	300	7719	0.07%	0.003%
117	9.416	9.398	9.434	VV	514	7371	0.07%	0.003%
118	9.451	9.434	9.468	VV	1423	18240	0.16%	0.007%
119	9.504	9.468	9.611	VV	713193	7671533	68.80%	2.854%
120	9.643	9.611	9.657	VV	998	15794	0.14%	0.006%
121	9.681	9.657	9.694	VV	3104	41801	0.37%	0.016%
122	9.712	9.694	9.747	VV	11031	123566	1.11%	0.046%
123	9.774	9.747	9.820	VV	69078	730416	6.55%	0.272%
124	9.837	9.820	9.871	VV	1068	17450	0.16%	0.006%
125	9.908	9.871	9.971	VV	633620	6840178	61.34%	2.544%
126	9.993	9.971	10.043	VV	959	16294	0.15%	0.006%
127	10.090	10.043	10.124	PV	1261	29484	0.26%	0.011%
128	10.155	10.124	10.178	VV	1033	19433	0.17%	0.007%
129	10.186	10.178	10.220	VV	622	8372	0.08%	0.003%
130	10.248	10.220	10.271	VV	5083	56715	0.51%	0.021%
131	10.286	10.271	10.309	VV	636	8798	0.08%	0.003%
132	10.341	10.309	10.357	VV	521	11824	0.11%	0.004%
133	10.373	10.357	10.405	VV	571	12300	0.11%	0.005%
134	10.419	10.405	10.441	VV	425	6272	0.06%	0.002%
135	10.455	10.441	10.483	VV	215	3491	0.03%	0.001%
136	10.548	10.483	10.571	PV	655	16216	0.15%	0.006%
137	10.599	10.571	10.625	VV	765	13844	0.12%	0.005%
138	10.643	10.625	10.656	VV	482	7078	0.06%	0.003%
139	10.706	10.656	10.765	VV	6596	111091	1.00%	0.041%
140	10.783	10.765	10.825	VV	540	13133	0.12%	0.005%
141	10.910	10.825	10.948	VV	657211	7081900	63.51%	2.634%

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Manual IntegrationsAPPROVED

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142	10.986	10.948	11.037	VV	645805	6925788	62.11%	2.576%
143	11.057	11.037	11.097	VV	1169	23056		
144	11.152	11.097	11.171	VV	1913	32546		
145	11.190	11.171	11.225	VV	3031	39752		
146	11.237	11.225	11.254	VV	192	3309		
147	11.277	11.254	11.301	VV	523	9124		
148	11.353	11.301	11.398	VV	561007	6578332	58.99%	2.447%
149	11.429	11.398	11.483	VV	1260	33023	0.30%	0.012%
150	11.503	11.483	11.531	VV	649	10838	0.10%	0.004%
151	11.545	11.531	11.575	VV	543	7077	0.06%	0.003%
152	11.611	11.575	11.641	VV	1900	34268	0.31%	0.013%
153	11.675	11.641	11.723	VV	529747	5769797	51.74%	2.146%
154	11.741	11.723	11.755	VV	1688	21083	0.19%	0.008%
155	11.766	11.755	11.786	VV	1197	16357	0.15%	0.006%
156	11.806	11.786	11.842	VV	1577	35428	0.32%	0.013%
157	11.859	11.842	11.873	VV	1426	18232	0.16%	0.007%
158	11.887	11.873	11.918	VV	1340	17980	0.16%	0.007%
159	11.953	11.918	11.988	PV	1726	27372	0.25%	0.010%
160	12.016	11.988	12.033	VV	640	11859	0.11%	0.004%
161	12.065	12.033	12.093	VV	1976	40285	0.36%	0.015%
162	12.117	12.093	12.160	VV	2769	52573	0.47%	0.020%
163	12.182	12.160	12.219	VV	1513	32580	0.29%	0.012%
164	12.272	12.219	12.336	VV	97402	1268166	11.37%	0.472%
165	12.351	12.336	12.375	VV	1835	33720	0.30%	0.013%
166	12.383	12.375	12.421	VV	1222	24763	0.22%	0.009%
167	12.451	12.421	12.467	VV	1618	28573	0.26%	0.011%
168	12.488	12.467	12.537	VV	1900	41224	0.37%	0.015%
169	12.558	12.537	12.578	VV	734	10422	0.09%	0.004%
170	12.612	12.578	12.628	VV	2267	38535	0.35%	0.014%
171	12.666	12.628	12.696	VV	541736	6463023	57.96%	2.404%
172	12.735	12.696	12.811	VV	533257	6374822	57.17%	2.371%
173	12.827	12.811	12.841	VV	290	4296	0.04%	0.002%
174	12.861	12.841	12.891	VV	604	12514	0.11%	0.005%
175	12.913	12.891	12.987	VV	5713	80608	0.72%	0.030%
176	13.035	12.987	13.061	VV	535045	6220457	55.78%	2.314%
177	13.110	13.061	13.181	VV	379221	4423215	39.67%	1.645%
178	13.221	13.181	13.240	VV	1431	25674	0.23%	0.010%
179	13.278	13.240	13.317	VV	503787	6067033	54.41%	2.257%
180	13.342	13.317	13.395	VV	4628	112346	1.01%	0.042%
181	13.406	13.395	13.440	VV	1412	29566	0.27%	0.011%
182	13.501	13.440	13.581	VV	19110	295167	2.65%	0.110%
183	13.615	13.581	13.641	VV	2043	41836	0.38%	0.016%
184	13.651	13.641	13.681	VV	771	14972	0.13%	0.006%
185	13.703	13.681	13.715	VV	1110	17495	0.16%	0.007%
186	13.721	13.715	13.744	VV	1195	14718	0.13%	0.005%
187	13.762	13.744	13.791	VV	1100	16966	0.15%	0.006%
188	13.812	13.791	13.827	VV	1844	24222	0.22%	0.009%
189	13.866	13.827	13.915	VV	459110	5868766	52.63%	2.183%
190	13.932	13.915	13.971	VV	901	14852	0.13%	0.006%
191	14.038	13.971	14.058	VV	1213	21199	0.19%	0.008%
192	14.072	14.058	14.091	VV	376	6673	0.06%	0.002%
193	14.111	14.091	14.138	VV	621	10702	0.10%	0.004%
194	14.156	14.138	14.193	VV	647	8308	0.07%	0.003%

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195	14.252	14.193	14.279	PV	3984	59660	0.54%	0.022%
196	14.302	14.279	14.328	VV	3051	45142		
197	14.351	14.328	14.400	VV	931	20563		
198	14.428	14.400	14.471	VV	2509	46665		
199	14.483	14.471	14.508	VV	1085	17571		
200	14.530	14.508	14.570	VV	991	19284		
201	14.595	14.570	14.615	VV	1430	19076	0.17%	0.007%
202	14.647	14.615	14.667	VV	1526	24687	0.22%	0.009%
203	14.691	14.667	14.735	VV	7659	93338	0.84%	0.035%
204	14.742	14.735	14.755	VV	126	1291	0.01%	0.000%
205	14.811	14.755	14.841	VV	763	16962	0.15%	0.006%
206	14.860	14.841	14.875	VV	462	4537	0.04%	0.002%
207	14.916	14.875	14.936	VV	457899	5659285	50.75%	2.105%
208	14.964	14.936	15.003	VV	792716	11150891	100.00%	4.148%
209	15.011	15.003	15.045	VV	1336	17009	0.15%	0.006%
210	15.068	15.045	15.123	VV	1209	21394	0.19%	0.008%
211	15.149	15.123	15.187	VV	498	9798	0.09%	0.004%
212	15.211	15.187	15.240	PV	564	9974	0.09%	0.004%
213	15.278	15.240	15.300	VV	566	13515	0.12%	0.005%
214	15.344	15.300	15.421	VV	36104	522142	4.68%	0.194%
215	15.444	15.421	15.460	VV	445	9768	0.09%	0.004%
216	15.487	15.460	15.525	VV	4060	68907	0.62%	0.026%
217	15.566	15.525	15.601	VV	3477	78277	0.70%	0.029%
218	15.619	15.601	15.648	VV	932	15255	0.14%	0.006%
219	15.664	15.648	15.675	VV	369	4690	0.04%	0.002%
220	15.737	15.675	15.782	VV	1014	41309	0.37%	0.015%
221	15.818	15.782	15.840	VV	877	20948	0.19%	0.008%
222	15.865	15.840	15.928	VV	1787	45235	0.41%	0.017%
223	15.994	15.928	16.032	VV	386118	5205386	46.68%	1.936%
224	16.054	16.032	16.148	VV	1595	40475	0.36%	0.015%
225	16.193	16.148	16.230	VV	1590	39895	0.36%	0.015%
226	16.251	16.230	16.263	VV	787	13771	0.12%	0.005%
227	16.295	16.263	16.326	VV	1878	46162	0.41%	0.017%
228	16.362	16.326	16.425	VV	15018	277511	2.49%	0.103%
229	16.479	16.425	16.494	VV	381494	5670504	50.85%	2.109%
230	16.514	16.494	16.539	VV	464841	5463856	49.00%	2.032%
231	16.552	16.539	16.581	VV	2820	50955	0.46%	0.019%
232	16.602	16.581	16.625	VV	2264	39851	0.36%	0.015%
233	16.638	16.625	16.652	VV	1346	19370	0.17%	0.007%
234	16.670	16.652	16.695	VV	1310	29524	0.26%	0.011%
235	16.722	16.695	16.758	VV	4874	95579	0.86%	0.036%
236	16.791	16.758	16.813	VV	4499	95501	0.86%	0.036%
237	16.862	16.813	16.891	VV	387767	5519447	49.50%	2.053%
238	16.944	16.891	16.976	VV	375320	4984042	44.70%	1.854%
239	16.993	16.976	17.004	VV	5133	72337	0.65%	0.027%
240	17.018	17.004	17.048	VV	5910	98427	0.88%	0.037%
241	17.057	17.048	17.078	VV	1767	30835	0.28%	0.011%
242	17.093	17.078	17.115	VV	1844	38998	0.35%	0.015%
243	17.141	17.115	17.150	VV	1792	36664	0.33%	0.014%
244	17.211	17.150	17.241	VV	2600	118195	1.06%	0.044%
245	17.305	17.241	17.360	VV	15988	390956	3.51%	0.145%
246	17.392	17.360	17.446	VV	9295	230227	2.06%	0.086%

Instrument :
FID_C
ClientSampleId :
1MSD

rteres

Manual IntegrationsAPPROVED

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

247	17.475	17.446	17.493	VV	3265	81909	0.73%	0.030%
248	17.514	17.493	17.538	VV	3124	76218		
249	17.572	17.538	17.591	VV	2853	83221		
250	17.615	17.591	17.648	VV	2914	87801		
251	17.723	17.648	17.748	VV	6584	224538		
252	17.835	17.748	17.885	VV	336257	5025476	45	
253	17.920	17.885	17.965	VV	7344	218881	1.96%	0.081%
254	18.015	17.965	18.044	VV	4452	189099	1.70%	0.070%
255	18.072	18.044	18.115	VV	5912	191433	1.72%	0.071%
256	18.238	18.115	18.253	VV	382920	6671965	59.83%	2.482%
257	18.275	18.253	18.328	VV	426871	5689531	51.02%	2.116%
258	18.354	18.328	18.375	VV	7074	168512	1.51%	0.063%
259	18.390	18.375	18.437	VV	5856	197196	1.77%	0.073%
260	18.496	18.437	18.535	VV	360827	5671431	50.86%	2.110%
261	18.549	18.535	18.581	VV	5796	157026	1.41%	0.058%
262	18.610	18.581	18.624	VV	7038	157288	1.41%	0.059%
263	18.667	18.624	18.720	VV	341815	5004183	44.88%	1.861%
264	18.764	18.720	18.809	VV	10790	440379	3.95%	0.164%
265	18.832	18.809	18.856	VV	8792	219770	1.97%	0.082%
266	18.873	18.856	18.895	VV	7148	156528	1.40%	0.058%
267	18.964	18.895	18.988	VV	14810	505245	4.53%	0.188%
268	19.021	18.988	19.052	VV	27734	672203	6.03%	0.250%
269	19.069	19.052	19.120	VV	13550	440837	3.95%	0.164%
270	19.153	19.120	19.181	VV	11305	347778	3.12%	0.129%
271	19.201	19.181	19.239	VV	9998	308767	2.77%	0.115%
272	19.262	19.239	19.281	VV	9575	224323	2.01%	0.083%
273	19.315	19.281	19.326	VV	10535	255067	2.29%	0.095%
274	19.358	19.326	19.389	VV	10964	375162	3.36%	0.140%
275	19.451	19.389	19.490	VV	333020	5366044	48.12%	1.996%
276	19.520	19.490	19.537	VV	12076	305543	2.74%	0.114%
277	19.557	19.537	19.593	VV	13336	379969	3.41%	0.141%
278	19.628	19.593	19.648	VV	11748	348476	3.13%	0.130%
279	19.670	19.648	19.718	VV	12601	486051	4.36%	0.181%
280	19.739	19.718	19.768	VV	11265	322320	2.89%	0.120%
281	19.818	19.768	19.888	VV	17304	968049	8.68%	0.360%
282	19.928	19.888	19.939	VV	12336	369466	3.31%	0.137%
283	19.991	19.939	20.029	VV	16154	738748	6.63%	0.275%
284	20.076	20.029	20.141	VV	14531	901971	8.09%	0.336%
285	20.194	20.141	20.251	VV	316654	5574697	49.99%	2.074%
286	20.353	20.251	20.388	VV	19415	1207566	10.83%	0.449%
287	20.489	20.388	20.625	VV	17724	2183342	19.58%	0.812%
288	20.637	20.625	20.649	VV	13276	193076	1.73%	0.072%
289	20.664	20.649	20.702	VV	13237	408177	3.66%	0.152%
290	20.713	20.702	20.751	VV	12786	375704	3.37%	0.140%
291	20.760	20.751	20.805	VV	12486	395248	3.54%	0.147%
292	20.839	20.805	20.850	VV	12314	325507	2.92%	0.121%
293	20.865	20.850	20.895	VV	12598	331761	2.98%	0.123%
294	20.960	20.895	21.118	VV	278328	6530473	58.56%	2.429%
295	21.125	21.118	21.148	VV	11115	197352	1.77%	0.073%
296	21.161	21.148	21.195	VV	11074	302740	2.71%	0.113%
297	21.202	21.195	21.217	VV	10622	141847	1.27%	0.053%
298	21.228	21.217	21.241	VV	10562	152726	1.37%	0.057%
299	21.248	21.241	21.315	VV	10602	459853	4.12%	0.171%

Instrument :
FID_C
ClientSampleId :
1MSD

Manual IntegrationsAPPROVED

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

rteres

300	21.326	21.315	21.333	VV	10356	115225	1.03%	0.043%
301	21.345	21.333	21.365	VV	10460	194689		
302	21.409	21.365	21.580	VV	11356	1326761	11	
303	21.607	21.580	21.635	VV	9643	314617	2	
304	21.655	21.635	21.689	VV	9815	305766	2	
305	21.702	21.689	21.718	VV	9089	154944	1	
306	21.761	21.718	21.775	VV	9397	315133	2.83%	0.117%
307	21.781	21.775	21.853	VV	9482	424194	3.80%	0.158%
308	21.929	21.853	22.011	VV	208358	5889864	52.82%	2.191%
309	22.028	22.011	22.038	VV	8644	136633	1.23%	0.051%
310	22.048	22.038	22.078	VV	8584	204453	1.83%	0.076%
311	22.093	22.078	22.111	VV	8614	170719	1.53%	0.064%
312	22.144	22.111	22.171	VV	9124	319498	2.87%	0.119%
313	22.207	22.171	22.325	VV	9296	765734	6.87%	0.285%
314	22.332	22.325	22.348	VV	7317	103276	0.93%	0.038%
315	22.424	22.348	22.456	VV	7721	484606	4.35%	0.180%
316	22.493	22.456	22.501	VBA	7987	225484	2.02%	0.084%

Sum of corrected areas: 268841645

Aliphatic EPH 061825.M Wed Jul 09 05:09:13 2025

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

Manual Integration Report

Sequence:	FC061825AL	Instrument	FID_c

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

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

Manual Integration Report

Sequence:	FC070825AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FC069388.D	n-Dotriacontane (C32)	yogesh	7/9/2025 8:02:41 AM			Peak Integrated by Software
20 PPM ALIPHATIC HC	FC069388.D	n-Tetracontane (C40)	yogesh	7/9/2025 8:02:41 AM			Peak Integrated by Software
PB168752BS	FC069390.D	n-Tetracontane (C40)	yogesh	7/9/2025 8:02:42 AM			Peak Integrated by Software
PB168752BSD	FC069391.D	n-Tetracontane (C40)	yogesh	7/9/2025 8:02:44 AM			Peak Integrated by Software
Q2486-03MS	FC069393.D	n-Tetracontane (C40)	yogesh	7/9/2025 8:02:45 AM			Peak Integrated by Software
Q2486-03MSD	FC069394.D	n-Tetracontane (C40)	yogesh	7/9/2025 8:02:47 AM			Peak Integrated by Software
20 PPM ALIPHATIC HC	FC069397.D	n-Tetracontane (C40)	yogesh	7/9/2025 8:02:49 AM			Peak Integrated by Software

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

Manual Integration Report

Sequence:	FE062725AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
50 PPM ALIPHATIC HC	FE054609.D	n-Octatriacontane (C38)	yogesh	6/30/2025 7:50:48 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
50 PPM ALIPHATIC HC	FE054609.D	n-Tetracontane (C40)	yogesh	6/30/2025 7:50:48 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
Q2429-02	FE054617.D	ortho-Terphenyl (SURR)	yogesh	6/30/2025 7:50:50 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054624.D	n-Hexacosane (C26)	yogesh	6/30/2025 7:50:52 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054624.D	n-Tetracontane (C40)	yogesh	6/30/2025 7:50:52 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software

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

Manual Integration Report

Sequence:	FE070825AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2507-01DL	FE054728.D	ortho-Terphenyl (SURR)	yogesh	7/9/2025 8:02:19 AM			Peak Integrated by Software
Q2513-01DL	FE054735.D	ortho-Terphenyl (SURR)	yogesh	7/9/2025 8:02:20 AM			Peak Integrated by Software
Q2513-02DL	FE054736.D	ortho-Terphenyl (SURR)	yogesh	7/9/2025 8:02:22 AM			Peak Integrated by Software

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

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC061825AL

Review By	yogesh	Review On	6/18/2025 1:05:10 PM		
Supervise By	mohammad	Supervise On	6/20/2025 3:01:04 AM		
SubDirectory	FC061825AL	HP Acquire Method		HP Processing Method	FC061825AL

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	FC069219.D	18 Jun 2025 09:57	YP/AJ	Ok
2	I.BLK	FC069220.D	18 Jun 2025 10:37	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC069221.D	18 Jun 2025 11:17	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC069222.D	18 Jun 2025 11:58	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC069223.D	18 Jun 2025 12:39	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC069224.D	18 Jun 2025 13:20	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC069225.D	18 Jun 2025 14:03	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC069226.D	18 Jun 2025 14:45	YP/AJ	Ok
9	I.BLK	FC069227.D	18 Jun 2025 15:28	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC069228.D	18 Jun 2025 16:12	YP/AJ	Ok

M : Manual Integration

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

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC070825AL

Review By	yogesh	Review On	7/8/2025 1:11:24 PM		
Supervise By		Supervise On			
SubDirectory	FC070825AL	HP Acquire Method		HP Processing Method	FC061825AL

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	FC069386.D	08 Jul 2025 09:36	YP/AJ	Ok
2	I.BLK	FC069387.D	08 Jul 2025 10:23	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC069388.D	08 Jul 2025 11:08	YP/AJ	Ok,NS
4	PB168752BL	FC069389.D	08 Jul 2025 12:27	YP/AJ	Ok
5	PB168752BS	FC069390.D	08 Jul 2025 13:13	YP/AJ	Ok,NS
6	PB168752BSD	FC069391.D	08 Jul 2025 14:03	YP/AJ	Ok,NS
7	Q2486-03	FC069392.D	08 Jul 2025 14:52	YP/AJ	Ok
8	Q2486-03MS	FC069393.D	08 Jul 2025 15:43	YP/AJ	Ok,NS
9	Q2486-03MSD	FC069394.D	08 Jul 2025 16:33	YP/AJ	Ok,NS
10	Q2486-04	FC069395.D	08 Jul 2025 17:26	YP/AJ	Ok
11	I.BLK	FC069396.D	08 Jul 2025 19:04	YP/AJ	Ok
12	20 PPM ALIPHATIC HC STD	FC069397.D	08 Jul 2025 19:52	YP/AJ	Ok,NS

M : Manual Integration

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

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE062725AL

Review By	yogesh	Review On	6/27/2025 12:30:13 PM		
Supervise By	mohammad	Supervise On	6/30/2025 9:33:27 AM		
SubDirectory	FE062725AL	HP Acquire Method		HP Processing Method	FE062725AL

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	FE054606.D	27 Jun 2025 11:53	YP\AJ	Ok
2	I.BLK	FE054607.D	27 Jun 2025 12:23	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE054608.D	27 Jun 2025 12:53	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE054609.D	27 Jun 2025 13:23	YP\AJ	Ok,M
5	20 PPM ALIPHATIC HC STD3	FE054610.D	27 Jun 2025 13:53	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE054611.D	27 Jun 2025 14:23	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FE054612.D	27 Jun 2025 14:54	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FE054613.D	27 Jun 2025 15:24	YP\AJ	Ok
9	I.BLK	FE054614.D	27 Jun 2025 15:54	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE054615.D	27 Jun 2025 16:24	YP\AJ	Ok
11	Q2429-01	FE054616.D	27 Jun 2025 16:54	YP\AJ	Ok
12	Q2429-02	FE054617.D	27 Jun 2025 17:25	YP\AJ	Ok,M
13	Q2431-01	FE054618.D	27 Jun 2025 17:55	YP\AJ	Ok
14	Q2431-02	FE054619.D	27 Jun 2025 18:25	YP\AJ	Not Ok
15	Q2431-03	FE054620.D	27 Jun 2025 18:55	YP\AJ	Ok
16	Q2431-04	FE054621.D	27 Jun 2025 19:25	YP\AJ	Ok
17	Q2431-05	FE054622.D	27 Jun 2025 19:56	YP\AJ	Not Ok
18	I.BLK	FE054623.D	27 Jun 2025 20:56	YP\AJ	Ok
19	20 PPM ALIPHATIC HC STD	FE054624.D	27 Jun 2025 22:57	YP\AJ	Ok,M

M : Manual Integration

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

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070825AL

Review By	yogesh	Review On	7/8/2025 10:46:47 AM		
Supervise By		Supervise On			
SubDirectory	FE070825AL	HP Acquire Method		HP Processing Method	FE062725AL

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	FE054725.D	08 Jul 2025 06:03	YP\AJ	Ok
2	I.BLK	FE054726.D	08 Jul 2025 06:33	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE054727.D	08 Jul 2025 07:03	YP\AJ	Ok
4	Q2507-01DL	FE054728.D	08 Jul 2025 07:53	YP\AJ	Ok,NS
5	Q2507-02DL	FE054729.D	08 Jul 2025 08:24	YP\AJ	Ok
6	Q2487-11DL	FE054730.D	08 Jul 2025 08:54	YP\AJ	Ok
7	Q2487-13DL	FE054731.D	08 Jul 2025 09:24	YP\AJ	Ok
8	Q2487-14DL	FE054732.D	08 Jul 2025 09:55	YP\AJ	Ok
9	Q2487-15DL	FE054733.D	08 Jul 2025 10:25	YP\AJ	Ok
10	Q2487-16DL	FE054734.D	08 Jul 2025 10:56	YP\AJ	Ok
11	Q2513-01DL	FE054735.D	08 Jul 2025 11:26	YP\AJ	Ok,NS
12	Q2513-02DL	FE054736.D	08 Jul 2025 11:57	YP\AJ	Ok,NS
13	Q2513-03DL	FE054737.D	08 Jul 2025 12:27	YP\AJ	Ok
14	Q2513-04DL	FE054738.D	08 Jul 2025 12:58	YP\AJ	Not Ok
15	I.BLK	FE054739.D	08 Jul 2025 13:59	YP\AJ	Ok
16	20 PPM ALIPHATIC HC STD	FE054740.D	08 Jul 2025 14:30	YP\AJ	Ok
17	Q2486-05	FE054741.D	08 Jul 2025 15:00	YP\AJ	Ok
18	Q2486-06	FE054742.D	08 Jul 2025 15:31	YP\AJ	Ok
19	Q2486-07	FE054743.D	08 Jul 2025 16:02	YP\AJ	Ok
20	Q2504-03	FE054744.D	08 Jul 2025 16:33	YP\AJ	Ok
21	Q2504-04	FE054745.D	08 Jul 2025 17:03	YP\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070825AL

Review By	yogesh	Review On	7/8/2025 10:46:47 AM		
Supervise By		Supervise On			
SubDirectory	FE070825AL	HP Acquire Method		HP Processing Method	FE062725AL

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	

22	Q2504-05	FE054746.D	08 Jul 2025 17:34	YP\AJ	Ok
23	Q2504-06	FE054747.D	08 Jul 2025 18:05	YP\AJ	Ok
24	Q2504-07	FE054748.D	08 Jul 2025 18:35	YP\AJ	Ok
25	I.BLK	FE054749.D	08 Jul 2025 19:37	YP\AJ	Ok
26	20 PPM ALIPHATIC HC STD	FE054750.D	08 Jul 2025 20:07	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC061825AL

Review By	yogesh	Review On	6/18/2025 1:05:10 PM		
Supervise By	mohammad	Supervise On	6/20/2025 3:01:04 AM		
SubDirectory	FC061825AL	HP Acquire Method		HP Processing Method	FC061825AL

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	FC069219.D	18 Jun 2025 09:57		YP/AJ	Ok
2	I.BLK	I.BLK	FC069220.D	18 Jun 2025 10:37		YP/AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FC069221.D	18 Jun 2025 11:17		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC069222.D	18 Jun 2025 11:58		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069223.D	18 Jun 2025 12:39		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC069224.D	18 Jun 2025 13:20		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC069225.D	18 Jun 2025 14:03		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069226.D	18 Jun 2025 14:45		YP/AJ	Ok
9	I.BLK	I.BLK	FC069227.D	18 Jun 2025 15:28		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069228.D	18 Jun 2025 16:12		YP/AJ	Ok

M : Manual Integration

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

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC070825AL

Review By	yogesh	Review On	7/8/2025 1:11:24 PM		
Supervise By		Supervise On			
SubDirectory	FC070825AL	HP Acquire Method		HP Processing Method	FC061825AL

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	FC069386.D	08 Jul 2025 09:36		YP/AJ	Ok
2	I.BLK	I.BLK	FC069387.D	08 Jul 2025 10:23		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069388.D	08 Jul 2025 11:08		YP/AJ	Ok,NS
4	PB168752BL	PB168752BL	FC069389.D	08 Jul 2025 12:27		YP/AJ	Ok
5	PB168752BS	PB168752BS	FC069390.D	08 Jul 2025 13:13		YP/AJ	Ok,NS
6	PB168752BSD	PB168752BSD	FC069391.D	08 Jul 2025 14:03		YP/AJ	Ok,NS
7	Q2486-03	1	FC069392.D	08 Jul 2025 14:52		YP/AJ	Ok
8	Q2486-03MS	1MS	FC069393.D	08 Jul 2025 15:43	FC069392.D	YP/AJ	Ok,NS
9	Q2486-03MSD	1MSD	FC069394.D	08 Jul 2025 16:33	FC069392.D!FC069393.D	YP/AJ	Ok,NS
10	Q2486-04	2	FC069395.D	08 Jul 2025 17:26		YP/AJ	Ok
11	I.BLK	I.BLK	FC069396.D	08 Jul 2025 19:04		YP/AJ	Ok
12	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069397.D	08 Jul 2025 19:52		YP/AJ	Ok,NS

M : Manual Integration

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

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE062725AL

Review By	yogesh	Review On	6/27/2025 12:30:13 PM		
Supervise By	mohammad	Supervise On	6/30/2025 9:33:27 AM		
SubDirectory	FE062725AL	HP Acquire Method		HP Processing Method	FE062725AL

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	FE054606.D	27 Jun 2025 11:53		YP\AJ	Ok
2	I.BLK	I.BLK	FE054607.D	27 Jun 2025 12:23		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FE054608.D	27 Jun 2025 12:53		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE054609.D	27 Jun 2025 13:23		YP\AJ	Ok,M
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054610.D	27 Jun 2025 13:53		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE054611.D	27 Jun 2025 14:23		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE054612.D	27 Jun 2025 14:54		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054613.D	27 Jun 2025 15:24		YP\AJ	Ok
9	I.BLK	I.BLK	FE054614.D	27 Jun 2025 15:54		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054615.D	27 Jun 2025 16:24		YP\AJ	Ok
11	Q2429-01	TP-4	FE054616.D	27 Jun 2025 16:54		YP\AJ	Ok
12	Q2429-02	TP-4-EPH	FE054617.D	27 Jun 2025 17:25		YP\AJ	Ok,M
13	Q2431-01	S-1	FE054618.D	27 Jun 2025 17:55		YP\AJ	Ok
14	Q2431-02	Q2431-02	FE054619.D	27 Jun 2025 18:25	Need to run again	YP\AJ	Not Ok
15	Q2431-03	S-3	FE054620.D	27 Jun 2025 18:55		YP\AJ	Ok
16	Q2431-04	S-4	FE054621.D	27 Jun 2025 19:25		YP\AJ	Ok
17	Q2431-05	Q2431-05	FE054622.D	27 Jun 2025 19:56	Need to run again	YP\AJ	Not Ok
18	I.BLK	I.BLK	FE054623.D	27 Jun 2025 20:56		YP\AJ	Ok

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

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE062725AL

Review By	yogesh	Review On	6/27/2025 12:30:13 PM		
Supervise By	mohammad	Supervise On	6/30/2025 9:33:27 AM		
SubDirectory	FE062725AL	HP Acquire Method		HP Processing Method	FE062725AL

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	

19	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054624.D	27 Jun 2025 22:57		YP\AJ	Ok,M

M : Manual Integration

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

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070825AL

Review By	yogesh	Review On	7/8/2025 10:46:47 AM		
Supervise By		Supervise On			
SubDirectory	FE070825AL	HP Acquire Method		HP Processing Method	FE062725AL

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	FE054725.D	08 Jul 2025 06:03		YP\AJ	Ok
2	I.BLK	I.BLK	FE054726.D	08 Jul 2025 06:33		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054727.D	08 Jul 2025 07:03		YP\AJ	Ok
4	Q2507-01DL	SU-04-7.3-2025DL	FE054728.D	08 Jul 2025 07:53		YP\AJ	Ok,NS
5	Q2507-02DL	SU-04-7.3-2025-EPHDI	FE054729.D	08 Jul 2025 08:24		YP\AJ	Ok
6	Q2487-11DL	G3(0-6)DL	FE054730.D	08 Jul 2025 08:54		YP\AJ	Ok
7	Q2487-13DL	G2(0-6)DL	FE054731.D	08 Jul 2025 09:24		YP\AJ	Ok
8	Q2487-14DL	G2(6-12)DL	FE054732.D	08 Jul 2025 09:55		YP\AJ	Ok
9	Q2487-15DL	G1(0-6)DL	FE054733.D	08 Jul 2025 10:25		YP\AJ	Ok
10	Q2487-16DL	G1(6-12)DL	FE054734.D	08 Jul 2025 10:56		YP\AJ	Ok
11	Q2513-01DL	HR-2-070325DL	FE054735.D	08 Jul 2025 11:26		YP\AJ	Ok,NS
12	Q2513-02DL	HR-2-070325-E2DL	FE054736.D	08 Jul 2025 11:57		YP\AJ	Ok,NS
13	Q2513-03DL	HR-3-070325DL	FE054737.D	08 Jul 2025 12:27		YP\AJ	Ok
14	Q2513-04DL	HR-3-070325-E2DL	FE054738.D	08 Jul 2025 12:58		YP\AJ	Not Ok
15	I.BLK	I.BLK	FE054739.D	08 Jul 2025 13:59		YP\AJ	Ok
16	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054740.D	08 Jul 2025 14:30		YP\AJ	Ok
17	Q2486-05	3	FE054741.D	08 Jul 2025 15:00		YP\AJ	Ok
18	Q2486-06	4	FE054742.D	08 Jul 2025 15:31		YP\AJ	Ok

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

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070825AL

Review By	yogesh	Review On	7/8/2025 10:46:47 AM		
Supervise By		Supervise On			
SubDirectory	FE070825AL	HP Acquire Method		HP Processing Method	FE062725AL

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	

19	Q2486-07	5	FE054743.D	08 Jul 2025 16:02		YP\AJ	Ok
20	Q2504-03	1	FE054744.D	08 Jul 2025 16:33		YP\AJ	Ok
21	Q2504-04	2	FE054745.D	08 Jul 2025 17:03		YP\AJ	Ok
22	Q2504-05	3	FE054746.D	08 Jul 2025 17:34		YP\AJ	Ok
23	Q2504-06	4	FE054747.D	08 Jul 2025 18:05		YP\AJ	Ok
24	Q2504-07	5	FE054748.D	08 Jul 2025 18:35		YP\AJ	Ok
25	I.BLK	I.BLK	FE054749.D	08 Jul 2025 19:37		YP\AJ	Ok
26	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054750.D	08 Jul 2025 20:07		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

PB168752

SOP ID:	MNJDEP-EPH-8				
Clean Up SOP #:	N/A			**Extraction Start Date :**	07/08/2025
Matrix :	Solid			**Extraction Start Time :**	09:05
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	07/08/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	12:15
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
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2612
Baked Na2SO4	N/A	EP2624
Methylene Chloride	N/A	E3943
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
7/8/25	RS (Ext-lab)	R. Post/PCB Lab
12:20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168752

Analytical Method: MNJDEP-EPH-8

Concentration Date: 07/08/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168752BL	PB168752BL	EPH_F2	30.02	N/A	ritesh	Evelyn	2			U2-1
PB168752BS	PB168752BS	EPH_F2	30.03	N/A	ritesh	Evelyn	2			2
PB168752BSD	PB168752BSD	EPH_F2	30.02	N/A	ritesh	Evelyn	2			3
Q2486-03	1	EPH_F2	30.06	N/A	ritesh	Evelyn	2			4
Q2486-03MS	1MS	EPH_F2	30.08	N/A	ritesh	Evelyn	2			5
Q2486-03MSD	1MSD	EPH_F2	30.05	N/A	ritesh	Evelyn	2			6
Q2486-04	2	EPH_F2	30.01	N/A	ritesh	Evelyn	2			U3-1
Q2486-05	3	EPH_F2	30.03	N/A	ritesh	Evelyn	2			2
Q2486-06	4	EPH_F2	30.06	N/A	ritesh	Evelyn	2			3
Q2486-07	5	EPH_F2	30.02	N/A	ritesh	Evelyn	2			4
Q2504-03	1	EPH_F2	30.07	N/A	ritesh	Evelyn	2			5
Q2504-04	2	EPH_F2	30.03	N/A	ritesh	Evelyn	2			6
Q2504-05	3	EPH_F2	30.08	N/A	ritesh	Evelyn	2			U6-1
Q2504-06	4	EPH_F2	30.05	N/A	ritesh	Evelyn	2			2
Q2504-07	5	EPH_F2	30.01	N/A	ritesh	Evelyn	2			3

RS
7/8

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

168752
9:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2504 **WorkList ID :** 190580 **Department :** Extraction **Date :** 07-08-2025 08:30:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2486-03	1	Solid	EPH_F2	Cool 4 deg C	SCIA01	A61	07/01/2025	NJEPH
Q2486-04	2	Solid	EPH_F2	Cool 4 deg C	SCIA01	A61	07/01/2025	NJEPH
Q2486-05	3	Solid	EPH_F2	Cool 4 deg C	SCIA01	A61	07/01/2025	NJEPH
Q2486-06	4	Solid	EPH_F2	Cool 4 deg C	SCIA01	A61	07/01/2025	NJEPH
Q2486-07	5	Solid	EPH_F2	Cool 4 deg C	SCIA01	A61	07/01/2025	NJEPH
Q2504-03	1	Solid	EPH_F2	Cool 4 deg C	SCIA01	O12	07/02/2025	NJEPH
Q2504-04	2	Solid	EPH_F2	Cool 4 deg C	SCIA01	O12	07/02/2025	NJEPH
Q2504-05	3	Solid	EPH_F2	Cool 4 deg C	SCIA01	O12	07/02/2025	NJEPH
Q2504-06	4	Solid	EPH_F2	Cool 4 deg C	SCIA01	O12	07/02/2025	NJEPH
Q2504-07	5	Solid	EPH_F2	Cool 4 deg C	SCIA01	O12	07/02/2025	NJEPH

Date/Time 07/08/25 9:00
Raw Sample Received by: RJ (EXT-lab)
Raw Sample Relinquished by: QR SM

Date/Time 07/08/25 9:20
Raw Sample Received by: QR SM
Raw Sample Relinquished by: RJ (EXT-lab)

SHIPPING DOCUMENTS

22504

10 Hemlock Drive

CHEMTECH
CHAIN OF CUSTODY RECORD

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

Chemtech Project Number: Franklin Boro

COC Number

CLIENT INFORMATION

Report to be sent to:
COMPANY:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION:
PHONE: FAX:

PROJECT INFORMATION

PROJECT NAME:
PROJECT #: LOCATION:
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO: PO#
ADDRESS:
CITY: Secaucus STATE: ZIP:
ATTENTION:
PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1 TPH_GC; 2 VOC; 3 EPH_F2; 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.	WASTE				7/2	3	1	X									
2.	VOC					3:45	1		X								
3.	1					4	1			X							
4.	2					4:45	1			X							
5.	3					4:20	1			X							
6.	4					5	1			X							
7.	5				V	4:30	1			X							
8.																	
9.																	
10.																	

PRESERVATIVES: A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
COMMENTS: <—Specify Preservatives

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	1447 7-3-25	1. 1447 7-3-25
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME 1412 7-3-25	RECEIVED FOR LAB BY
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.4C
Comments: _____

Page _____ of _____

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

Shipment Complete ☐ YES ☐ NO

10/2018

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

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2504 SCIA01
Client Name : Sciacca General Contractor
Client Contact : Rosanne Scirica
Invoice Name : Sciacca General Contractor
Invoice Contact : Rosanne Scirica

Order Date : 7/3/2025 11:59:00 AM
Project Name : 98 Morse Ave Nutley
Receive DateTime : 7/3/2025 ~~3:00:00~~ PM 2:12
Purchase Order :

Project Mgr :
Report Type : Results Only
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2504-02	VOC	Solid	07/02/2025	15:45					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By :
Date / Time : 7/3/25 1430

Received By :
Date / Time : 07/03/25 14:30
Storage Area : VOA Refridgerator Room