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

Order ID : Q2486

Project ID : 98 Morse Ave Nutley

Client : Sciacca General Contractors, LLC

Lab Sample Number	Client Sample Number
Q2486-01	WASTE
Q2486-02	VOC
Q2486-03	1
Q2486-04	2
Q2486-05	3
Q2486-06	4
Q2486-07	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: 7/5/2025

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 #: **Q2486**

	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:** **07/05/2025**

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LAB CHRONICLE

OrderID:	Q2486	**OrderDate:**	7/2/2025 9:45:00 AM
Client:	Sciacca General Contractors, LLC	**Project:**	98 Morse Ave Nutley
Contact:	Rosanne Scirica	**Location:**	A61,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2486-03	**1**	**Solid**			**07/01/25**			**07/01/25**
			EPH_F2	NJEPH		07/08/25	07/08/25	
Q2486-04	**2**	**Solid**			**07/01/25**			**07/01/25**
			EPH_F2	NJEPH		07/08/25	07/08/25	
Q2486-05	**3**	**Solid**			**07/01/25**			**07/01/25**
			EPH_F2	NJEPH		07/08/25	07/08/25	
Q2486-06	**4**	**Solid**			**07/01/25**			**07/01/25**
			EPH_F2	NJEPH		07/08/25	07/08/25	
Q2486-07	**5**	**Solid**			**07/01/25**			**07/01/25**
			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.: Q2486 SAS No.: Q2486 SDG No.: Q2486

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
1	74	73		0
1MS	66	65		0
1MSD	68	67		0
2	52	52		0

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

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

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SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: SCIA01

Lab Code: CHEM CASE No.: Q2486 SAS No.: Q2486 SDG No.: Q2486

Run Number: FE070825AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
3	57	57		0
4	63	64		0
5	60	61		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:**	Q2486	**SAS No :**	Q2486	**SDG No:**	Q2486
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:** Q2486 **SAS No :** Q2486 **SDG No:** Q2486

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:** Q2486 **SAS No :** Q2486 **SDG No:** Q2486

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:** Q2486 **SAS No :** Q2486 **SDG No:** Q2486

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.: Q2486 SAS No.: Q2486 SDG NO.: Q2486

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
1	Q2486-03
1MS	Q2486-03MS
1MSD	Q2486-03MSD
2	Q2486-04
3	Q2486-05
4	Q2486-06
5	Q2486-07

COMMENTS:

SAMPLE DATA

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Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/01/25
Project:	98 Morse Ave Nutley	Date Received:	07/01/25
Client Sample ID:	1	SDG No.:	Q2486
Lab Sample ID:	Q2486-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
Sample Wt/Vol:	30.06 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 14:52	PB168752

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	4.29	J	1	1.08	4.75	mg/kg	FC069392.D
Total EPH	Total EPH	4.29	J		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

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Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/01/25
Project:	98 Morse Ave Nutley	Date Received:	07/01/25
Client Sample ID:	1	SDG No.:	Q2486
Lab Sample ID:	Q2486-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
Sample Wt/Vol:	30.06 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
FC069392.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	4.29	J	1.08	4.75	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.3		1.40	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.9		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.7		40 - 140	73%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2486-03	Acq On:	08 Jul 2025 14:52
Client Sample ID:	1	Operator:	YP/AJ
Data file:	FC069392.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	503054	3.43	300	ug/ml
Aliphatic C12-C16	6.603	10.005	1489627	9.356	200	ug/ml
Aliphatic C16-C21	10.006	13.375	2796414	18.107	300	ug/ml
Aliphatic C21-C28	13.375	17.040	3144439	23.472	400	ug/ml
Aliphatic C28-C40	17.041	22.023	13199171	143.275	600	ug/ml
Aliphatic EPH	3.303	22.023	21132705	197.641		ug/ml
ortho-Terphenyl (SURR)	11.676	11.676	6335694	36.67		ug/ml
1-chlorooctadecane (SURR)	13.111	13.111	4815098	36.86		ug/ml
Aliphatic C9-C28	3.303	17.040	7933534	54.365	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069392.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 14:52
Operator : YP/AJ
Sample : Q2486-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
1

Integration File: autoint1.e
Quant Time: Jul 09 04:44:26 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	6335694	36.674 ug/ml
Spiked Amount 50.000		Recovery = 73.35%	
12) S 1-chlorooctadecane (S...	13.111	4815098	36.857 ug/ml
Spiked Amount 50.000		Recovery = 73.71%	
Target Compounds			

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

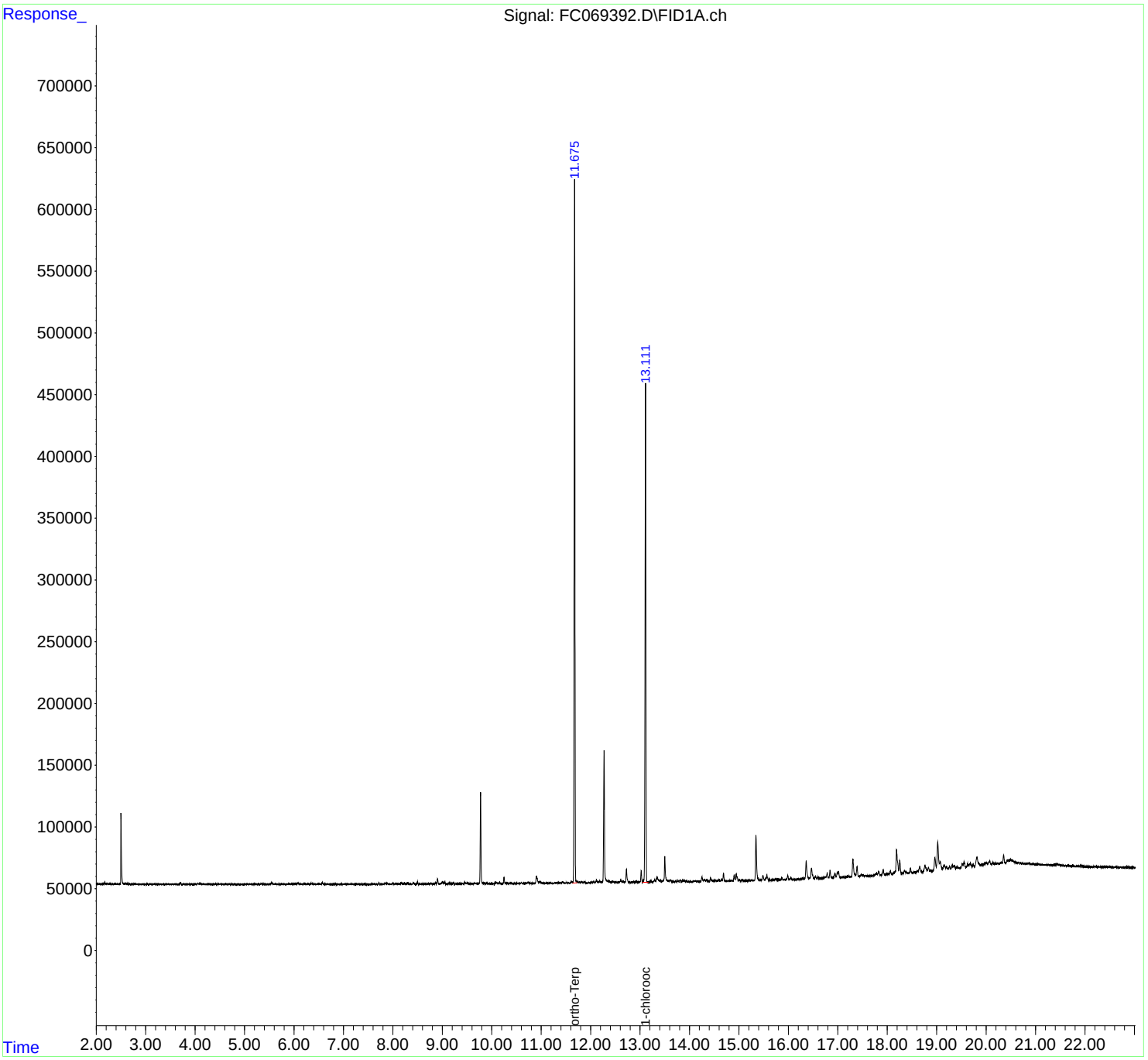
Quantitation Report (QT Reviewed)

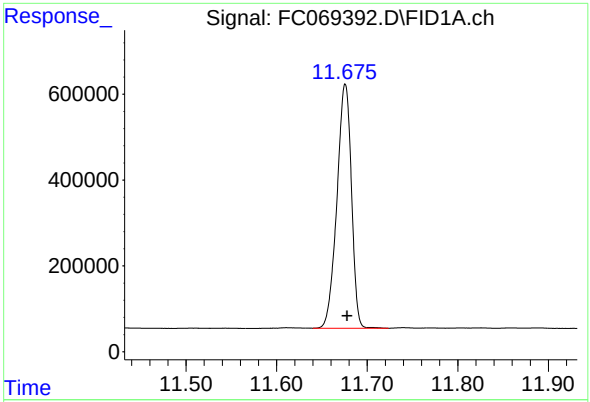
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069392.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 14:52
Operator : YP/AJ
Sample : Q2486-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
1

Integration File: autoint1.e
Quant Time: Jul 09 04:44:26 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

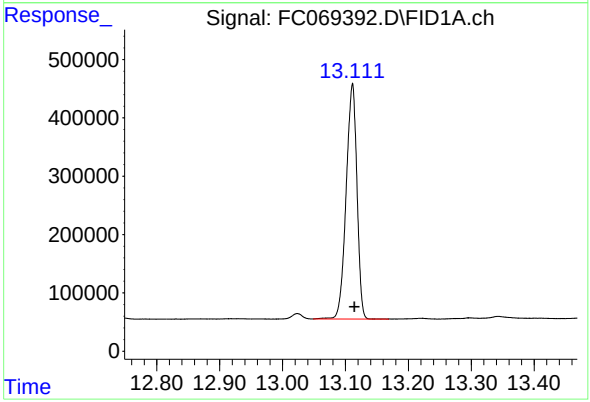




#9 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: -0.002 min
Response: 6335694
Conc: 36.67 ug/ml

Instrument :
FID_C
ClientSampleId :
1



#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: -0.003 min
Response: 4815098
Conc: 36.86 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069392.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 14:52
Sample : Q2486-03
Misc :
ALS Vial : 14 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	3.280	3.204	3.291	BV	176	2123	0.03%	0.007%
2	3.305	3.291	3.317	VV	189	1924	0.03%	0.006%
3	3.327	3.317	3.355	VV	182	2321	0.04%	0.007%
4	3.363	3.355	3.387	VV	102	1157	0.02%	0.004%
5	3.425	3.387	3.524	PV	180	7640	0.12%	0.024%
6	3.532	3.524	3.555	VV	132	1778	0.03%	0.005%
7	3.562	3.555	3.578	VV	150	1397	0.02%	0.004%
8	3.586	3.578	3.606	VV	121	1051	0.02%	0.003%
9	3.628	3.606	3.653	VV	125	1876	0.03%	0.006%
10	3.666	3.653	3.681	VV	142	1379	0.02%	0.004%
11	3.706	3.681	3.768	VV	1757	20028	0.32%	0.062%
12	3.778	3.768	3.805	VV	167	2130	0.03%	0.007%
13	3.811	3.805	3.821	VV	87	483	0.01%	0.001%
14	3.835	3.821	3.871	VV	242	3481	0.05%	0.011%
15	3.893	3.871	3.951	VV	144	3234	0.05%	0.010%
16	3.985	3.951	3.995	PV	223	2995	0.05%	0.009%
17	4.003	3.995	4.030	VV	194	2261	0.04%	0.007%
18	4.055	4.030	4.071	VV	1150	11294	0.18%	0.035%
19	4.097	4.071	4.138	VV	992	19363	0.30%	0.060%
20	4.149	4.138	4.211	VV	356	10208	0.16%	0.031%
21	4.222	4.211	4.230	VV	232	2177	0.03%	0.007%
22	4.269	4.230	4.291	VV	525	10543	0.17%	0.032%
23	4.296	4.291	4.391	VV	195	8452	0.13%	0.026%
24	4.399	4.391	4.406	VV	150	1195	0.02%	0.004%
25	4.436	4.406	4.460	VV	249	6036	0.10%	0.019%
26	4.476	4.460	4.501	VV	485	7314	0.12%	0.023%
27	4.515	4.501	4.534	VV	325	5352	0.08%	0.016%
28	4.553	4.534	4.601	VV	344	10903	0.17%	0.034%
29	4.619	4.601	4.664	VV	733	12193	0.19%	0.038%
30	4.692	4.664	4.715	VV	268	6290	0.10%	0.019%
31	4.732	4.715	4.791	VV	182	5853	0.09%	0.018%
32	4.812	4.791	4.846	PV	234	4364	0.07%	0.013%
33	4.856	4.846	4.917	VV	147	3628	0.06%	0.011%
34	4.928	4.917	4.935	VV	118	800	0.01%	0.002%
35	4.981	4.935	4.993	VV	147	3195	0.05%	0.010%
36	5.016	4.993	5.037	VV	394	5375	0.08%	0.017%

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37	5.065	5.037	5.083	VV	269	5019	0.08%	0.015%
38	5.106	5.083	5.154	VV	313	8124	0.13%	0.025%
39	5.162	5.154	5.171	VV	152	1472	0.02%	0.005%
40	5.176	5.171	5.191	VV	222	1881	0.03%	0.006%
41	5.225	5.191	5.267	VV	272	6221	0.10%	0.019%
42	5.335	5.267	5.378	VV	1014	16813	0.26%	0.052%
43	5.385	5.378	5.412	VV	223	3572	0.06%	0.011%
44	5.426	5.412	5.486	VV	219	5015	0.08%	0.015%
45	5.495	5.486	5.504	VV	115	970	0.02%	0.003%
46	5.544	5.504	5.555	VV	1698	19298	0.30%	0.059%
47	5.561	5.555	5.608	VV	1205	16563	0.26%	0.051%
48	5.622	5.608	5.664	VV	552	12398	0.20%	0.038%
49	5.684	5.664	5.726	VV	336	8895	0.14%	0.027%
50	5.748	5.726	5.761	VV	347	5852	0.09%	0.018%
51	5.766	5.761	5.801	VV	368	6901	0.11%	0.021%
52	5.814	5.801	5.837	VV	291	4951	0.08%	0.015%
53	5.859	5.837	5.871	VV	423	6070	0.10%	0.019%
54	5.897	5.871	5.961	VV	742	25720	0.40%	0.079%
55	5.970	5.961	5.983	VV	400	4474	0.07%	0.014%
56	6.028	5.983	6.044	VV	555	14539	0.23%	0.045%
57	6.071	6.044	6.114	VV	940	25543	0.40%	0.079%
58	6.133	6.114	6.169	VV	440	11177	0.18%	0.034%
59	6.215	6.169	6.238	VV	478	14043	0.22%	0.043%
60	6.279	6.238	6.323	VV	447	15140	0.24%	0.047%
61	6.346	6.323	6.362	VV	936	12577	0.20%	0.039%
62	6.373	6.362	6.445	VV	623	16924	0.27%	0.052%
63	6.498	6.445	6.547	VV	388	17360	0.27%	0.053%
64	6.571	6.547	6.614	VV	1795	25872	0.41%	0.080%
65	6.631	6.614	6.676	VV	388	8980	0.14%	0.028%
66	6.684	6.676	6.715	VV	152	3180	0.05%	0.010%
67	6.725	6.715	6.734	VV	168	1371	0.02%	0.004%
68	6.774	6.734	6.792	VV	192	4701	0.07%	0.014%
69	6.798	6.792	6.814	VV	156	1631	0.03%	0.005%
70	6.836	6.814	6.868	VV	170	3807	0.06%	0.012%
71	6.871	6.868	6.878	VV	136	493	0.01%	0.002%
72	6.977	6.878	7.026	VV	433	17126	0.27%	0.053%
73	7.034	7.026	7.101	VV	272	7248	0.11%	0.022%
74	7.155	7.101	7.250	VV	691	19104	0.30%	0.059%
75	7.270	7.250	7.287	VV	408	5065	0.08%	0.016%
76	7.302	7.287	7.369	VV	337	8555	0.13%	0.026%
77	7.377	7.369	7.397	VV	142	1587	0.02%	0.005%
78	7.426	7.397	7.468	VV	235	4617	0.07%	0.014%
79	7.496	7.468	7.508	PV	232	2656	0.04%	0.008%
80	7.555	7.508	7.594	VV	198	6038	0.10%	0.019%
81	7.651	7.594	7.683	PV	303	6953	0.11%	0.021%
82	7.718	7.683	7.774	VV	749	13364	0.21%	0.041%
83	7.784	7.774	7.798	VV	146	1691	0.03%	0.005%
84	7.842	7.798	7.868	VV	1101	22140	0.35%	0.068%
85	7.884	7.868	7.939	VV	1100	18181	0.29%	0.056%
86	7.998	7.939	8.024	VV	664	15013	0.24%	0.046%
87	8.032	8.024	8.052	VV	362	5180	0.08%	0.016%
88	8.071	8.052	8.092	VV	710	10730	0.17%	0.033%
89	8.131	8.092	8.146	VV	445	12435	0.20%	0.038%

90	8.168	8.146	8.211	VV	1375	27533	0.43%	0.085%
91	8.231	8.211	8.244	VV	635	10919	0.17%	0.034%
92	8.261	8.244	8.277	VV	569	9874	0.16%	0.030%
93	8.300	8.277	8.344	VV	697	16553	0.26%	0.051%
94	8.362	8.344	8.381	VV	213	2964	0.05%	0.009%
95	8.417	8.381	8.470	VV	1198	22594	0.36%	0.070%
96	8.498	8.470	8.521	VV	2042	23169	0.36%	0.071%
97	8.531	8.521	8.594	VV	372	7359	0.12%	0.023%
98	8.628	8.594	8.647	VV	311	7554	0.12%	0.023%
99	8.665	8.647	8.691	VV	365	6852	0.11%	0.021%
100	8.713	8.691	8.738	VV	590	9476	0.15%	0.029%
101	8.773	8.738	8.824	VV	874	18451	0.29%	0.057%
102	8.862	8.824	8.880	VV	1658	20878	0.33%	0.064%
103	8.904	8.880	8.935	VV	4469	53344	0.84%	0.164%
104	9.004	8.935	9.034	VV	1501	48310	0.76%	0.149%
105	9.050	9.034	9.077	VV	1626	19898	0.31%	0.061%
106	9.086	9.077	9.101	VV	259	2668	0.04%	0.008%
107	9.123	9.101	9.135	VV	464	5167	0.08%	0.016%
108	9.153	9.135	9.167	VV	900	11441	0.18%	0.035%
109	9.180	9.167	9.200	VV	967	10541	0.17%	0.032%
110	9.221	9.200	9.261	VV	1423	18853	0.30%	0.058%
111	9.340	9.261	9.375	PV	285	14335	0.23%	0.044%
112	9.385	9.375	9.398	VV	191	2523	0.04%	0.008%
113	9.413	9.398	9.435	VV	511	6622	0.10%	0.020%
114	9.454	9.435	9.488	PV	1235	22730	0.36%	0.070%
115	9.500	9.488	9.552	VV	974	18461	0.29%	0.057%
116	9.581	9.552	9.624	VV	375	12445	0.20%	0.038%
117	9.639	9.624	9.654	VV	620	8364	0.13%	0.026%
118	9.666	9.654	9.692	VV	617	10909	0.17%	0.034%
119	9.706	9.692	9.723	VV	338	5004	0.08%	0.015%
120	9.775	9.723	9.827	VV	73734	791010	12.45%	2.437%
121	9.838	9.827	9.883	VV	780	14569	0.23%	0.045%
122	9.903	9.883	9.923	VV	655	9274	0.15%	0.029%
123	9.939	9.923	9.973	VV	366	7387	0.12%	0.023%
124	9.994	9.973	10.048	VV	515	9750	0.15%	0.030%
125	10.072	10.048	10.080	VV	1121	12212	0.19%	0.038%
126	10.091	10.080	10.126	VV	1340	19347	0.30%	0.060%
127	10.156	10.126	10.188	VV	1181	20653	0.33%	0.064%
128	10.201	10.188	10.214	VV	292	2631	0.04%	0.008%
129	10.248	10.214	10.273	PV	5292	61453	0.97%	0.189%
130	10.286	10.273	10.309	VV	693	9866	0.16%	0.030%
131	10.333	10.309	10.357	VV	509	11371	0.18%	0.035%
132	10.376	10.357	10.418	VV	565	13772	0.22%	0.042%
133	10.423	10.418	10.447	VV	303	2764	0.04%	0.009%
134	10.473	10.447	10.487	VV	214	3157	0.05%	0.010%
135	10.551	10.487	10.578	VV	419	12377	0.19%	0.038%
136	10.600	10.578	10.625	VV	1078	15136	0.24%	0.047%
137	10.647	10.625	10.681	VV	406	9891	0.16%	0.030%
138	10.739	10.681	10.778	VV	1032	30013	0.47%	0.092%
139	10.795	10.778	10.819	VV	383	6797	0.11%	0.021%
140	10.829	10.819	10.834	VV	193	1439	0.02%	0.004%
141	10.904	10.834	10.956	VV	5931	128255	2.02%	0.395%

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142	10.979	10.956	11.047	VV	1956	41566	0.65%	0.128%
143	11.078	11.047	11.108	VV	352	9179	0.14%	0.028%
144	11.118	11.108	11.134	VV	311	4055	0.06%	0.012%
145	11.149	11.134	11.171	VV	269	5325	0.08%	0.016%
146	11.192	11.171	11.219	VV	594	8616	0.14%	0.027%
147	11.228	11.219	11.248	PV	101	1006	0.02%	0.003%
148	11.279	11.248	11.304	VV	752	10638	0.17%	0.033%
149	11.321	11.304	11.338	VV	794	10672	0.17%	0.033%
150	11.352	11.338	11.364	VV	498	6396	0.10%	0.020%
151	11.378	11.364	11.404	VV	564	10480	0.17%	0.032%
152	11.430	11.404	11.485	VV	1234	28118	0.44%	0.087%
153	11.507	11.485	11.527	VV	647	10637	0.17%	0.033%
154	11.544	11.527	11.574	VV	624	8508	0.13%	0.026%
155	11.612	11.574	11.641	VV	1653	30715	0.48%	0.095%
156	11.676	11.641	11.724	VV	568862	6351430	100.00%	19.571%
157	11.740	11.724	11.757	VV	1663	22120	0.35%	0.068%
158	11.769	11.757	11.788	VV	1079	15689	0.25%	0.048%
159	11.825	11.788	11.843	VV	1190	27365	0.43%	0.084%
160	11.859	11.843	11.874	VV	1064	14511	0.23%	0.045%
161	11.889	11.874	11.931	VV	1082	14946	0.24%	0.046%
162	11.965	11.931	11.991	PV	653	11325	0.18%	0.035%
163	12.012	11.991	12.034	VV	568	10995	0.17%	0.034%
164	12.066	12.034	12.094	VV	1323	28536	0.45%	0.088%
165	12.117	12.094	12.161	VV	2556	51433	0.81%	0.158%
166	12.182	12.161	12.220	VV	1430	32471	0.51%	0.100%
167	12.272	12.220	12.338	VV	106573	1353013	21.30%	4.169%
168	12.350	12.338	12.368	VV	1607	24182	0.38%	0.075%
169	12.380	12.368	12.421	VV	1284	30675	0.48%	0.095%
170	12.450	12.421	12.485	VV	1485	33596	0.53%	0.104%
171	12.499	12.485	12.537	VV	769	15508	0.24%	0.048%
172	12.558	12.537	12.574	VV	619	9094	0.14%	0.028%
173	12.609	12.574	12.632	VV	2125	39099	0.62%	0.120%
174	12.656	12.632	12.686	VV	1132	25369	0.40%	0.078%
175	12.724	12.686	12.769	VV	11001	157544	2.48%	0.485%
176	12.780	12.769	12.798	VV	320	3734	0.06%	0.012%
177	12.858	12.798	12.895	VV	483	15067	0.24%	0.046%
178	12.916	12.895	12.951	VV	761	18637	0.29%	0.057%
179	12.963	12.951	12.984	VV	368	5344	0.08%	0.016%
180	13.024	12.984	13.048	VV	9557	113177	1.78%	0.349%
181	13.111	13.048	13.180	VV	403758	4826140	75.99%	14.871%
182	13.221	13.180	13.251	VV	1388	22420	0.35%	0.069%
183	13.298	13.251	13.313	VV	1984	38330	0.60%	0.118%
184	13.343	13.313	13.393	VV	4501	115189	1.81%	0.355%
185	13.408	13.393	13.438	VV	1376	31398	0.49%	0.097%
186	13.501	13.438	13.574	VV	20929	322027	5.07%	0.992%
187	13.614	13.574	13.664	VV	1957	49452	0.78%	0.152%
188	13.678	13.664	13.698	VV	442	6466	0.10%	0.020%
189	13.722	13.698	13.744	VV	1042	16429	0.26%	0.051%
190	13.763	13.744	13.788	VV	1229	16010	0.25%	0.049%
191	13.812	13.788	13.831	VV	1868	26078	0.41%	0.080%
192	13.859	13.831	13.874	VV	1181	18814	0.30%	0.058%
193	13.892	13.874	13.918	VV	1483	22930	0.36%	0.071%
194	13.933	13.918	13.994	VV	921	15453	0.24%	0.048%

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195	14.011	13.994	14.035	VV	196	3292	0.05%	0.010%
196	14.111	14.035	14.138	PV	704	20550	0.32%	0.063%
197	14.152	14.138	14.194	VV	682	9868	0.16%	0.030%
198	14.216	14.194	14.225	VV	340	3579	0.06%	0.011%
199	14.253	14.225	14.278	VV	3841	59523	0.94%	0.183%
200	14.298	14.278	14.324	VV	1860	32979	0.52%	0.102%
201	14.349	14.324	14.401	VV	1231	27042	0.43%	0.083%
202	14.425	14.401	14.448	VV	2682	42067	0.66%	0.130%
203	14.457	14.448	14.472	VV	1029	11830	0.19%	0.036%
204	14.483	14.472	14.505	VV	803	13078	0.21%	0.040%
205	14.529	14.505	14.549	VV	1089	18826	0.30%	0.058%
206	14.557	14.549	14.574	VV	450	5432	0.09%	0.017%
207	14.593	14.574	14.614	VV	1849	22316	0.35%	0.069%
208	14.646	14.614	14.665	VV	1574	27780	0.44%	0.086%
209	14.688	14.665	14.724	VV	6496	84480	1.33%	0.260%
210	14.735	14.724	14.743	VV	365	3252	0.05%	0.010%
211	14.772	14.743	14.791	VV	455	9451	0.15%	0.029%
212	14.814	14.791	14.840	VV	626	12730	0.20%	0.039%
213	14.857	14.840	14.875	VV	636	7902	0.12%	0.024%
214	14.904	14.875	14.923	VV	5218	69237	1.09%	0.213%
215	14.945	14.923	14.988	VV	6014	116552	1.84%	0.359%
216	15.010	14.988	15.033	VV	1471	20054	0.32%	0.062%
217	15.066	15.033	15.120	VV	1344	25936	0.41%	0.080%
218	15.147	15.120	15.181	VV	440	9747	0.15%	0.030%
219	15.208	15.181	15.234	PV	714	11922	0.19%	0.037%
220	15.270	15.234	15.301	VV	540	15978	0.25%	0.049%
221	15.345	15.301	15.427	VV	36554	555609	8.75%	1.712%
222	15.441	15.427	15.461	VV	560	8966	0.14%	0.028%
223	15.486	15.461	15.521	VV	4219	67438	1.06%	0.208%
224	15.566	15.521	15.599	VV	3591	84604	1.33%	0.261%
225	15.615	15.599	15.648	VV	937	14251	0.22%	0.044%
226	15.665	15.648	15.677	VV	268	3938	0.06%	0.012%
227	15.742	15.677	15.781	VV	1032	36625	0.58%	0.113%
228	15.811	15.781	15.837	VV	713	15589	0.25%	0.048%
229	15.867	15.837	15.917	VV	1680	38461	0.61%	0.119%
230	15.940	15.917	15.963	VV	596	12308	0.19%	0.038%
231	15.988	15.963	16.026	VV	3625	55357	0.87%	0.171%
232	16.051	16.026	16.102	VV	1508	27119	0.43%	0.084%
233	16.117	16.102	16.148	VV	223	3171	0.05%	0.010%
234	16.187	16.148	16.231	PV	739	19118	0.30%	0.059%
235	16.247	16.231	16.261	VV	550	7266	0.11%	0.022%
236	16.294	16.261	16.315	VV	1013	21990	0.35%	0.068%
237	16.361	16.315	16.417	VV	14990	267754	4.22%	0.825%
238	16.468	16.417	16.518	VV	9052	190245	3.00%	0.586%
239	16.549	16.518	16.576	VV	2178	37976	0.60%	0.117%
240	16.597	16.576	16.623	VV	1274	20407	0.32%	0.063%
241	16.634	16.623	16.653	VV	448	7129	0.11%	0.022%
242	16.670	16.653	16.685	VV	547	8059	0.13%	0.025%
243	16.734	16.685	16.755	VV	1095	31240	0.49%	0.096%
244	16.786	16.755	16.818	VV	4093	74698	1.18%	0.230%
245	16.844	16.818	16.886	VV	6638	97430	1.53%	0.300%
246	16.941	16.886	16.964	VV	4134	78476	1.24%	0.242%

247	16.990	16.964	17.002	VV	4508	64749	1.02%	0.200%
248	17.016	17.002	17.067	VV	5574	84006	1.32%	0.259%
249	17.094	17.067	17.110	VV	636	13849	0.22%	0.043%
250	17.125	17.110	17.134	VV	490	6163	0.10%	0.019%
251	17.156	17.134	17.165	VV	682	9976	0.16%	0.031%
252	17.213	17.165	17.250	VV	1083	42751	0.67%	0.132%
253	17.306	17.250	17.357	VV	14786	296989	4.68%	0.915%
254	17.390	17.357	17.420	VV	8755	146618	2.31%	0.452%
255	17.435	17.420	17.447	VV	931	13849	0.22%	0.043%
256	17.475	17.447	17.492	VV	1979	36105	0.57%	0.111%
257	17.510	17.492	17.541	VV	1555	35838	0.56%	0.110%
258	17.569	17.541	17.591	VV	1132	24223	0.38%	0.075%
259	17.615	17.591	17.644	VV	971	23696	0.37%	0.073%
260	17.665	17.644	17.673	VV	946	12368	0.19%	0.038%
261	17.686	17.673	17.711	VV	933	18151	0.29%	0.056%
262	17.782	17.711	17.801	VV	2403	82849	1.30%	0.255%
263	17.828	17.801	17.858	VV	3933	82810	1.30%	0.255%
264	17.918	17.858	17.961	VV	5488	131529	2.07%	0.405%
265	17.983	17.961	17.996	VV	1688	30622	0.48%	0.094%
266	18.014	17.996	18.040	VV	1731	41797	0.66%	0.129%
267	18.065	18.040	18.094	VV	3713	73896	1.16%	0.228%
268	18.189	18.094	18.231	VV	21132	534587	8.42%	1.647%
269	18.253	18.231	18.291	VV	11913	214583	3.38%	0.661%
270	18.302	18.291	18.322	VV	1907	33158	0.52%	0.102%
271	18.350	18.322	18.371	VV	4065	85314	1.34%	0.263%
272	18.382	18.371	18.433	VV	2840	78852	1.24%	0.243%
273	18.469	18.433	18.500	VV	5693	120185	1.89%	0.370%
274	18.515	18.500	18.525	VV	2039	28753	0.45%	0.089%
275	18.556	18.525	18.582	VV	2465	73440	1.16%	0.226%
276	18.609	18.582	18.624	VV	3263	70193	1.11%	0.216%
277	18.657	18.624	18.714	VV	6052	198694	3.13%	0.612%
278	18.762	18.714	18.808	VV	7694	253452	3.99%	0.781%
279	18.833	18.808	18.861	VV	5791	131667	2.07%	0.406%
280	18.870	18.861	18.901	VV	3252	68278	1.08%	0.210%
281	18.963	18.901	18.992	VV	13323	351553	5.54%	1.083%
282	19.021	18.992	19.054	VV	25807	555197	8.74%	1.711%
283	19.072	19.054	19.111	VV	9955	251108	3.95%	0.774%
284	19.153	19.111	19.181	VV	7092	236892	3.73%	0.730%
285	19.200	19.181	19.223	VV	6016	129297	2.04%	0.398%
286	19.263	19.223	19.287	VV	5613	172354	2.71%	0.531%
287	19.312	19.287	19.343	VV	6138	183242	2.89%	0.565%
288	19.359	19.343	19.388	VV	6589	144641	2.28%	0.446%
289	19.411	19.388	19.432	VV	4980	120093	1.89%	0.370%
290	19.446	19.432	19.467	VV	4498	89669	1.41%	0.276%
291	19.517	19.467	19.531	VV	7454	207116	3.26%	0.638%
292	19.555	19.531	19.593	VV	8635	244333	3.85%	0.753%
293	19.625	19.593	19.648	VV	7406	188940	2.97%	0.582%
294	19.677	19.648	19.718	VV	7527	271697	4.28%	0.837%
295	19.740	19.718	19.768	VV	5944	165218	2.60%	0.509%
296	19.813	19.768	19.885	VV	12146	562635	8.86%	1.734%
297	19.918	19.885	19.936	VV	6255	183275	2.89%	0.565%
298	20.005	19.936	20.028	VV	7984	378098	5.95%	1.165%
299	20.072	20.028	20.113	VV	8636	371051	5.84%	1.143%

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300	20.132	20.113	20.174	VV	7106	246798	3.89%	0.760%
301	20.192	20.174	20.254	VV	6944	313797	4.94%	0.967%
302	20.265	20.254	20.277	VV	6610	86819	1.37%	0.268%
303	20.312	20.277	20.327	VV	7145	205522	3.24%	0.633%
304	20.355	20.327	20.398	VV	13233	380106	5.98%	1.171%
305	20.429	20.398	20.440	VV	8792	202267	3.18%	0.623%
306	20.498	20.440	20.638	VV	9080	936118	14.74%	2.885%
307	20.664	20.638	20.691	VV	6627	197859	3.12%	0.610%
308	20.701	20.691	20.762	VV	6074	245168	3.86%	0.755%
309	20.780	20.762	20.798	VV	5603	118813	1.87%	0.366%
310	20.809	20.798	20.815	VV	5437	54073	0.85%	0.167%
311	20.825	20.815	20.837	VV	5455	69609	1.10%	0.214%
312	20.866	20.837	20.918	VV	5716	258452	4.07%	0.796%
313	20.936	20.918	20.951	VV	5186	100893	1.59%	0.311%
314	20.957	20.951	21.012	VV	5183	173522	2.73%	0.535%
315	21.056	21.012	21.125	VV	4662	300633	4.73%	0.926%
316	21.145	21.125	21.193	VV	4220	164014	2.58%	0.505%
317	21.210	21.193	21.230	VV	3956	85211	1.34%	0.263%
318	21.259	21.230	21.311	VV	3944	177660	2.80%	0.547%
319	21.339	21.311	21.359	VV	3514	99064	1.56%	0.305%
320	21.433	21.359	21.459	VV	4135	225768	3.55%	0.696%
321	21.468	21.459	21.551	VV	3626	176146	2.77%	0.543%
322	21.567	21.551	21.581	VV	2751	48290	0.76%	0.149%
323	21.590	21.581	21.605	VV	2655	36503	0.57%	0.112%
324	21.620	21.605	21.635	VV	2617	43860	0.69%	0.135%
325	21.660	21.635	21.714	VV	2638	107027	1.69%	0.330%
326	21.746	21.714	21.805	VV	2185	106639	1.68%	0.329%
327	21.837	21.805	21.870	VV	2034	68607	1.08%	0.211%
328	21.924	21.870	22.004	VV	1894	125048	1.97%	0.385%
329	22.013	22.004	22.043	VV	1105	23241	0.37%	0.072%
330	22.053	22.043	22.074	VV	999	17847	0.28%	0.055%
331	22.080	22.074	22.087	VV	893	6748	0.11%	0.021%
332	22.097	22.087	22.120	VV	978	15523	0.24%	0.048%
333	22.135	22.120	22.171	VV	831	24408	0.38%	0.075%
334	22.203	22.171	22.214	VV	943	21466	0.34%	0.066%
335	22.234	22.214	22.264	VV	790	18719	0.29%	0.058%
336	22.273	22.264	22.372	VV	552	23282	0.37%	0.072%
337	22.383	22.372	22.411	VV	332	4876	0.08%	0.015%
338	22.427	22.411	22.437	VV	307	4082	0.06%	0.013%
339	22.447	22.437	22.468	VV	354	3982	0.06%	0.012%

Sum of corrected areas: 32453336

Aliphatic EPH 061825.M Wed Jul 09 05:08:36 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:	07/01/25
Project:	98 Morse Ave Nutley	Date Received:	07/01/25
Client Sample ID:	2	SDG No.:	Q2486
Lab Sample ID:	Q2486-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.3
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 17:26	PB168752

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.17	J	1	1.11	4.85	mg/kg	FC069395.D
Total EPH	Total EPH	3.17	J		1.11	4.85	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:	07/01/25
Project:	98 Morse Ave Nutley	Date Received:	07/01/25
Client Sample ID:	2	SDG No.:	Q2486
Lab Sample ID:	Q2486-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.3
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
FC069395.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	3.17	J	1.11	4.85	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.5		1.43	2.43	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	26.1		40 - 140	52%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.2		40 - 140	52%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2486-04	Acq On:	08 Jul 2025 17:26
Client Sample ID:	2	Operator:	YP/AJ
Data file:	FC069395.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	454352	3.098	300	ug/ml
Aliphatic C12-C16	6.603	10.005	1325119	8.323	200	ug/ml
Aliphatic C16-C21	10.006	13.375	2022605	13.097	300	ug/ml
Aliphatic C21-C28	13.375	17.040	1954827	14.592	400	ug/ml
Aliphatic C28-C40	17.041	22.023	13127284	142.495	600	ug/ml
Aliphatic EPH	3.303	22.023	18884187	181.605		ug/ml
ortho-Terphenyl (SURR)	11.675	11.675	4525072	26.19		ug/ml
1-chlorooctadecane (SURR)	13.111	13.111	3411517	26.11		ug/ml
Aliphatic C9-C28	3.303	17.040	5756903	39.11	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069395.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 17:26
Operator : YP/AJ
Sample : Q2486-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
2

Integration File: autoint1.e
Quant Time: Jul 09 04:45:10 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	4525072	26.193 ug/ml
Spiked Amount 50.000		Recovery = 52.39%	
12) S 1-chlorooctadecane (S...	13.111	3411517	26.113 ug/ml
Spiked Amount 50.000		Recovery = 52.23%	
Target Compounds			

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

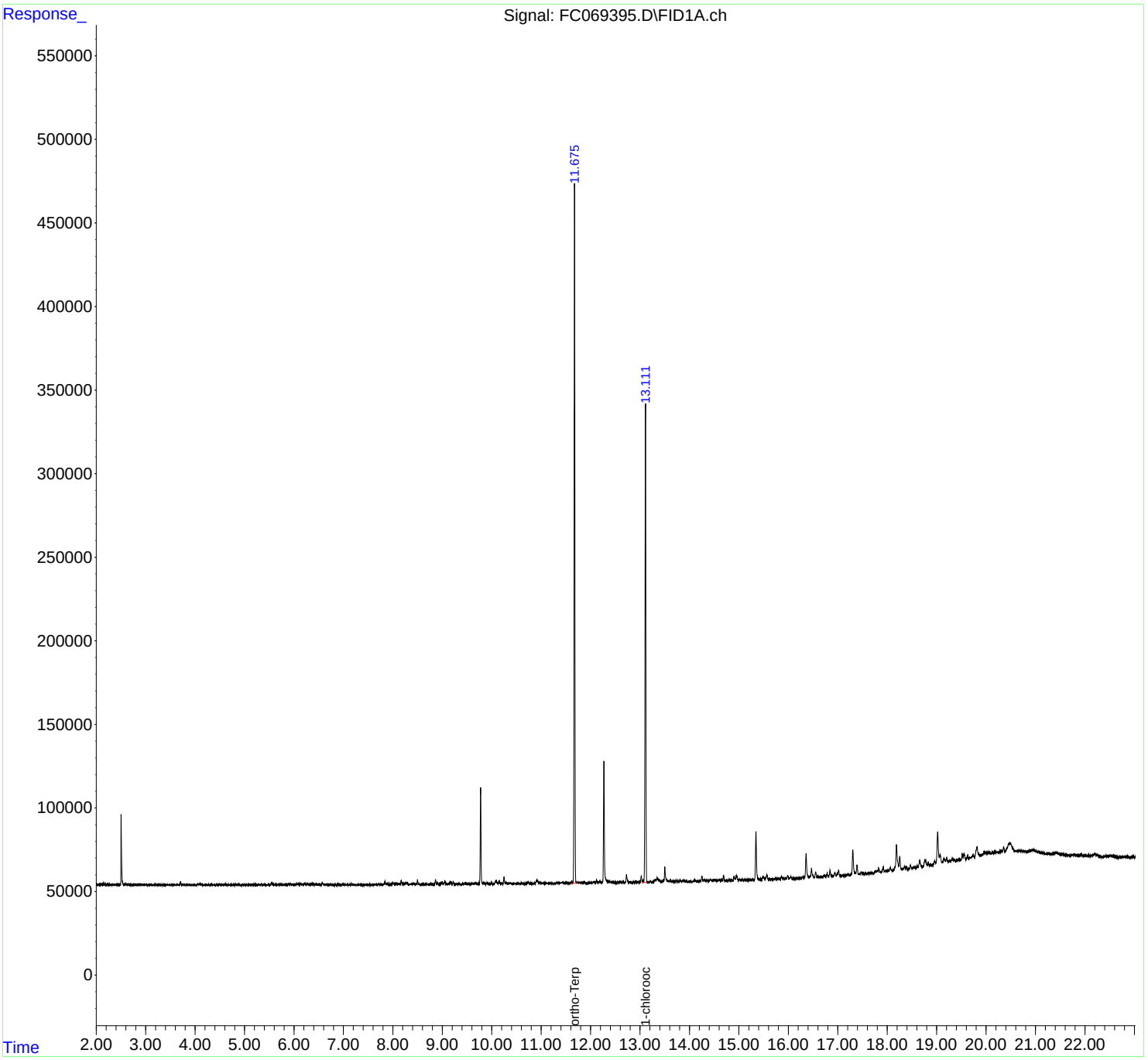
Quantitation Report (QT Reviewed)

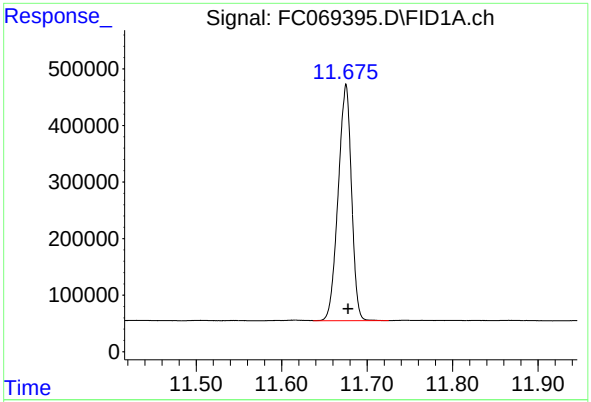
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069395.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 17:26
Operator : YP/AJ
Sample : Q2486-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
2

Integration File: autoint1.e
Quant Time: Jul 09 04:45:10 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

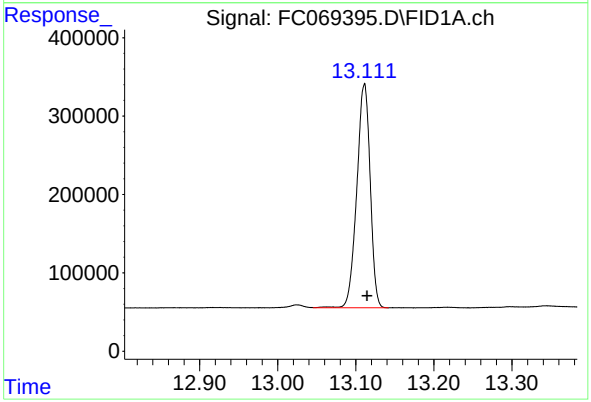




#9 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: -0.003 min
Response: 4525072
Conc: 26.19 ug/ml

Instrument :
FID_C
ClientSampleId :
2



#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: -0.003 min
Response: 3411517
Conc: 26.11 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069395.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 17:26
Sample : Q2486-04
Misc :
ALS Vial : 17 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	3.222	3.204	3.249	BV	86	492	0.01%	0.002%
2	3.259	3.249	3.270	PV	107	926	0.02%	0.003%
3	3.280	3.270	3.292	VV	168	1326	0.03%	0.005%
4	3.306	3.292	3.324	VV	152	1426	0.03%	0.005%
5	3.333	3.324	3.348	PV	78	710	0.02%	0.003%
6	3.358	3.348	3.392	VV	122	1739	0.04%	0.006%
7	3.405	3.392	3.419	VV	142	1216	0.03%	0.004%
8	3.440	3.419	3.459	VV	134	2210	0.05%	0.008%
9	3.475	3.459	3.484	VV	95	916	0.02%	0.003%
10	3.513	3.484	3.527	PV	100	1666	0.04%	0.006%
11	3.538	3.527	3.584	VV	119	2908	0.06%	0.011%
12	3.598	3.584	3.611	VV	95	1011	0.02%	0.004%
13	3.630	3.611	3.658	VV	182	2756	0.06%	0.010%
14	3.707	3.658	3.761	VV	2034	26662	0.59%	0.098%
15	3.770	3.761	3.802	VV	172	2130	0.05%	0.008%
16	3.838	3.802	3.867	VV	315	5548	0.12%	0.020%
17	3.878	3.867	3.964	VV	161	5749	0.13%	0.021%
18	3.990	3.964	4.002	VV	167	2445	0.05%	0.009%
19	4.009	4.002	4.028	VV	125	875	0.02%	0.003%
20	4.056	4.028	4.073	PV	772	8383	0.18%	0.031%
21	4.099	4.073	4.230	VV	719	23427	0.52%	0.087%
22	4.271	4.230	4.424	VV	337	16599	0.37%	0.061%
23	4.446	4.424	4.461	VV	225	4112	0.09%	0.015%
24	4.475	4.461	4.498	VV	345	5045	0.11%	0.019%
25	4.552	4.498	4.564	VV	272	7352	0.16%	0.027%
26	4.574	4.564	4.603	VV	265	4447	0.10%	0.016%
27	4.620	4.603	4.652	VV	626	8162	0.18%	0.030%
28	4.682	4.652	4.741	VV	232	9794	0.22%	0.036%
29	4.759	4.741	4.801	VV	229	4821	0.11%	0.018%
30	4.810	4.801	4.831	VV	199	2853	0.06%	0.011%
31	4.846	4.831	4.861	VV	167	2313	0.05%	0.009%
32	4.867	4.861	4.911	VV	145	3086	0.07%	0.011%
33	4.920	4.911	4.947	VV	125	1619	0.04%	0.006%
34	4.965	4.947	4.995	PV	149	2705	0.06%	0.010%
35	5.020	4.995	5.032	VV	247	3177	0.07%	0.012%
36	5.048	5.032	5.057	VV	168	2375	0.05%	0.009%

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37	5.070	5.057	5.087	VV	302	2997	0.07%	0.011%
38	5.121	5.087	5.148	VV	210	4672	0.10%	0.017%
39	5.204	5.148	5.275	VV	187	9286	0.20%	0.034%
40	5.296	5.275	5.314	VV	159	1945	0.04%	0.007%
41	5.335	5.314	5.365	VV	634	8253	0.18%	0.030%
42	5.394	5.365	5.455	VV	195	6711	0.15%	0.025%
43	5.474	5.455	5.486	VV	112	1528	0.03%	0.006%
44	5.544	5.486	5.609	VV	1452	30966	0.68%	0.114%
45	5.624	5.609	5.667	VV	371	8990	0.20%	0.033%
46	5.684	5.667	5.703	VV	324	4854	0.11%	0.018%
47	5.768	5.703	5.794	VV	462	14424	0.32%	0.053%
48	5.815	5.794	5.844	VV	240	5810	0.13%	0.021%
49	5.860	5.844	5.874	VV	381	4335	0.10%	0.016%
50	5.889	5.874	5.944	VV	479	16540	0.36%	0.061%
51	5.972	5.944	5.998	VV	435	11025	0.24%	0.041%
52	6.025	5.998	6.043	VV	384	8803	0.19%	0.033%
53	6.065	6.043	6.121	VV	703	23654	0.52%	0.087%
54	6.128	6.121	6.161	VV	520	9494	0.21%	0.035%
55	6.167	6.161	6.198	VV	698	8086	0.18%	0.030%
56	6.215	6.198	6.237	VV	659	11743	0.26%	0.043%
57	6.252	6.237	6.267	VV	538	8377	0.18%	0.031%
58	6.280	6.267	6.328	VV	646	14340	0.32%	0.053%
59	6.347	6.328	6.361	VV	761	10104	0.22%	0.037%
60	6.373	6.361	6.422	VV	553	14358	0.32%	0.053%
61	6.439	6.422	6.472	VV	323	8711	0.19%	0.032%
62	6.501	6.472	6.551	VV	400	13046	0.29%	0.048%
63	6.572	6.551	6.621	VV	1402	21063	0.46%	0.078%
64	6.634	6.621	6.698	VV	480	9584	0.21%	0.035%
65	6.726	6.698	6.762	VV	193	5772	0.13%	0.021%
66	6.775	6.762	6.804	VV	295	4320	0.10%	0.016%
67	6.831	6.804	6.863	VV	175	3866	0.09%	0.014%
68	6.887	6.863	6.906	VV	149	2470	0.05%	0.009%
69	6.979	6.906	7.078	VV	341	19617	0.43%	0.072%
70	7.086	7.078	7.101	VV	216	2067	0.05%	0.008%
71	7.156	7.101	7.194	VV	507	13247	0.29%	0.049%
72	7.207	7.194	7.224	VV	194	2575	0.06%	0.010%
73	7.235	7.224	7.250	VV	164	1707	0.04%	0.006%
74	7.274	7.250	7.288	VV	186	2948	0.06%	0.011%
75	7.299	7.288	7.352	VV	270	5588	0.12%	0.021%
76	7.383	7.352	7.404	VV	155	3187	0.07%	0.012%
77	7.426	7.404	7.444	VV	204	3241	0.07%	0.012%
78	7.455	7.444	7.465	VV	184	1256	0.03%	0.005%
79	7.484	7.465	7.494	VV	152	1765	0.04%	0.007%
80	7.509	7.494	7.543	VV	170	3526	0.08%	0.013%
81	7.558	7.543	7.587	VV	189	3085	0.07%	0.011%
82	7.648	7.587	7.668	PV	210	6293	0.14%	0.023%
83	7.677	7.668	7.694	VV	167	2037	0.04%	0.008%
84	7.717	7.694	7.763	VV	708	11373	0.25%	0.042%
85	7.809	7.763	7.818	VV	239	5682	0.13%	0.021%
86	7.841	7.818	7.869	VV	2243	32616	0.72%	0.120%
87	7.883	7.869	7.947	VV	922	19612	0.43%	0.072%
88	7.998	7.947	8.048	VV	1323	31221	0.69%	0.115%
89	8.071	8.048	8.114	VV	1151	22619	0.50%	0.084%

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90	8.123	8.114	8.144	VV	407	6997	0.15%	0.026%
91	8.168	8.144	8.215	VV	2538	40596	0.89%	0.150%
92	8.264	8.215	8.347	VV	982	47251	1.04%	0.174%
93	8.370	8.347	8.387	VV	295	5392	0.12%	0.020%
94	8.416	8.387	8.467	VV	890	18429	0.41%	0.068%
95	8.498	8.467	8.522	VV	2657	29881	0.66%	0.110%
96	8.533	8.522	8.549	VV	276	2936	0.06%	0.011%
97	8.559	8.549	8.586	VV	143	2469	0.05%	0.009%
98	8.629	8.586	8.651	VV	259	7079	0.16%	0.026%
99	8.665	8.651	8.743	VV	350	10418	0.23%	0.038%
100	8.772	8.743	8.821	VV	677	12521	0.28%	0.046%
101	8.863	8.821	8.882	VV	2946	33085	0.73%	0.122%
102	8.902	8.882	8.938	VV	1227	17970	0.40%	0.066%
103	8.997	8.938	9.030	VV	1188	32570	0.72%	0.120%
104	9.051	9.030	9.107	VV	2417	31307	0.69%	0.116%
105	9.124	9.107	9.135	VV	393	3508	0.08%	0.013%
106	9.153	9.135	9.167	VV	1289	13801	0.30%	0.051%
107	9.180	9.167	9.202	VV	1530	16385	0.36%	0.061%
108	9.222	9.202	9.258	VV	1745	20760	0.46%	0.077%
109	9.295	9.258	9.314	VV	268	4285	0.09%	0.016%
110	9.328	9.314	9.391	VV	408	7717	0.17%	0.028%
111	9.413	9.391	9.438	VV	583	7548	0.17%	0.028%
112	9.472	9.438	9.489	PV	656	13777	0.30%	0.051%
113	9.503	9.489	9.518	VV	439	6130	0.14%	0.023%
114	9.528	9.518	9.551	VV	335	4760	0.10%	0.018%
115	9.569	9.551	9.578	VV	310	3669	0.08%	0.014%
116	9.592	9.578	9.614	VV	410	5915	0.13%	0.022%
117	9.636	9.614	9.649	VV	504	7776	0.17%	0.029%
118	9.667	9.649	9.692	VV	758	13728	0.30%	0.051%
119	9.706	9.692	9.728	VV	432	6400	0.14%	0.024%
120	9.776	9.728	9.824	VV	57668	626734	13.81%	2.314%
121	9.837	9.824	9.882	VV	845	15918	0.35%	0.059%
122	9.904	9.882	9.925	VV	707	9719	0.21%	0.036%
123	9.940	9.925	9.978	VV	266	5549	0.12%	0.020%
124	9.994	9.978	10.025	VV	857	10865	0.24%	0.040%
125	10.091	10.025	10.124	VV	2397	48438	1.07%	0.179%
126	10.157	10.124	10.186	VV	1458	29661	0.65%	0.110%
127	10.202	10.186	10.221	VV	485	4892	0.11%	0.018%
128	10.250	10.221	10.271	VV	4249	48837	1.08%	0.180%
129	10.286	10.271	10.308	VV	1193	15148	0.33%	0.056%
130	10.325	10.308	10.357	VV	483	11716	0.26%	0.043%
131	10.372	10.357	10.418	VV	651	13368	0.29%	0.049%
132	10.474	10.418	10.497	VV	284	7367	0.16%	0.027%
133	10.548	10.497	10.580	VV	342	11210	0.25%	0.041%
134	10.600	10.580	10.628	VV	702	10981	0.24%	0.041%
135	10.644	10.628	10.673	VV	452	6444	0.14%	0.024%
136	10.740	10.673	10.772	VV	1049	28022	0.62%	0.103%
137	10.797	10.772	10.821	VV	320	7540	0.17%	0.028%
138	10.864	10.821	10.880	VV	490	10687	0.24%	0.039%
139	10.921	10.880	10.957	VV	2315	59987	1.32%	0.222%
140	10.979	10.957	11.043	VV	881	27164	0.60%	0.100%
141	11.056	11.043	11.094	VV	457	10252	0.23%	0.038%

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142	11.109	11.094	11.118	VV	421	4578	0.10%	0.017%
143	11.130	11.118	11.155	VV	441	7826	0.17%	0.029%
144	11.173	11.155	11.221	VV	352	10520	0.23%	0.039%
145	11.231	11.221	11.244	VV	188	1683	0.04%	0.006%
146	11.280	11.244	11.300	VV	585	8594	0.19%	0.032%
147	11.322	11.300	11.338	VV	905	11745	0.26%	0.043%
148	11.349	11.338	11.362	VV	552	6533	0.14%	0.024%
149	11.376	11.362	11.411	VV	670	14606	0.32%	0.054%
150	11.432	11.411	11.488	VV	823	23666	0.52%	0.087%
151	11.505	11.488	11.531	VV	844	13962	0.31%	0.052%
152	11.545	11.531	11.578	VV	583	9150	0.20%	0.034%
153	11.615	11.578	11.638	VV	1162	24714	0.54%	0.091%
154	11.675	11.638	11.725	VV	412289	4537172	100.00%	16.755%
155	11.744	11.725	11.756	VV	975	13286	0.29%	0.049%
156	11.765	11.756	11.780	VV	808	10261	0.23%	0.038%
157	11.797	11.780	11.815	VV	716	13054	0.29%	0.048%
158	11.828	11.815	11.848	VV	630	10145	0.22%	0.037%
159	11.866	11.848	11.919	VV	777	17512	0.39%	0.065%
160	11.967	11.919	11.990	PV	633	15147	0.33%	0.056%
161	12.016	11.990	12.034	VV	595	10657	0.23%	0.039%
162	12.062	12.034	12.098	VV	842	22155	0.49%	0.082%
163	12.120	12.098	12.161	VV	1403	32838	0.72%	0.121%
164	12.184	12.161	12.224	VV	1187	28353	0.62%	0.105%
165	12.270	12.224	12.339	VV	73058	911749	20.10%	3.367%
166	12.354	12.339	12.368	VV	1414	20169	0.44%	0.074%
167	12.383	12.368	12.485	VV	1081	46845	1.03%	0.173%
168	12.495	12.485	12.536	VV	484	10491	0.23%	0.039%
169	12.559	12.536	12.572	VV	440	6578	0.14%	0.024%
170	12.603	12.572	12.631	VV	785	18560	0.41%	0.069%
171	12.659	12.631	12.695	VV	860	17563	0.39%	0.065%
172	12.726	12.695	12.806	VV	5004	86337	1.90%	0.319%
173	12.817	12.806	12.842	VV	205	3214	0.07%	0.012%
174	12.866	12.842	12.895	VV	330	8416	0.19%	0.031%
175	12.926	12.895	12.957	VV	553	13525	0.30%	0.050%
176	13.025	12.957	13.046	VV	3929	58029	1.28%	0.214%
177	13.064	13.046	13.074	VV	1291	16471	0.36%	0.061%
178	13.111	13.074	13.177	VV	286096	3405484	75.06%	12.576%
179	13.217	13.177	13.247	VV	801	13643	0.30%	0.050%
180	13.298	13.247	13.315	PV	1455	31130	0.69%	0.115%
181	13.344	13.315	13.441	VV	2555	97186	2.14%	0.359%
182	13.502	13.441	13.584	VV	9212	172485	3.80%	0.637%
183	13.616	13.584	13.658	VV	973	25134	0.55%	0.093%
184	13.678	13.658	13.694	VV	366	6079	0.13%	0.022%
185	13.723	13.694	13.747	VV	594	11458	0.25%	0.042%
186	13.763	13.747	13.784	VV	387	6386	0.14%	0.024%
187	13.809	13.784	13.831	VV	1029	14786	0.33%	0.055%
188	13.861	13.831	13.876	VV	740	12480	0.28%	0.046%
189	13.897	13.876	13.919	VV	801	14613	0.32%	0.054%
190	13.934	13.919	13.959	VV	336	5019	0.11%	0.019%
191	13.988	13.959	14.001	PV	215	2932	0.06%	0.011%
192	14.012	14.001	14.041	VV	208	3318	0.07%	0.012%
193	14.049	14.041	14.057	VV	96	678	0.01%	0.003%
194	14.111	14.057	14.141	VV	625	15882	0.35%	0.059%

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195	14.152	14.141	14.174	VV	284	3468	0.08%	0.013%
196	14.251	14.174	14.278	VV	3019	44162	0.97%	0.163%
197	14.299	14.278	14.321	VV	1235	18988	0.42%	0.070%
198	14.349	14.321	14.384	VV	689	16178	0.36%	0.060%
199	14.425	14.384	14.446	VV	1310	22247	0.49%	0.082%
200	14.458	14.446	14.468	VV	471	5385	0.12%	0.020%
201	14.488	14.468	14.509	VV	808	13819	0.30%	0.051%
202	14.530	14.509	14.578	VV	779	13945	0.31%	0.051%
203	14.596	14.578	14.618	VV	1014	13131	0.29%	0.048%
204	14.648	14.618	14.667	VV	793	13117	0.29%	0.048%
205	14.689	14.667	14.734	VV	3392	41966	0.92%	0.155%
206	14.751	14.734	14.767	VV	151	2087	0.05%	0.008%
207	14.775	14.767	14.784	VV	135	969	0.02%	0.004%
208	14.810	14.784	14.841	VV	649	10269	0.23%	0.038%
209	14.861	14.841	14.878	VV	370	5060	0.11%	0.019%
210	14.904	14.878	14.925	VV	2596	35097	0.77%	0.130%
211	14.947	14.925	14.988	VV	3072	59999	1.32%	0.222%
212	15.011	14.988	15.035	VV	978	14174	0.31%	0.052%
213	15.068	15.035	15.095	VV	585	10229	0.23%	0.038%
214	15.158	15.095	15.180	PV	263	7341	0.16%	0.027%
215	15.208	15.180	15.234	PV	330	6534	0.14%	0.024%
216	15.279	15.234	15.308	VV	337	9383	0.21%	0.035%
217	15.345	15.308	15.420	VV	29026	410081	9.04%	1.514%
218	15.439	15.420	15.459	VV	477	7678	0.17%	0.028%
219	15.487	15.459	15.524	VV	2316	42212	0.93%	0.156%
220	15.566	15.524	15.600	VV	2868	58550	1.29%	0.216%
221	15.621	15.600	15.647	VV	439	6631	0.15%	0.024%
222	15.664	15.647	15.681	PV	238	2685	0.06%	0.010%
223	15.748	15.681	15.772	VV	538	17737	0.39%	0.066%
224	15.814	15.772	15.840	VV	408	12259	0.27%	0.045%
225	15.864	15.840	15.897	VV	1515	27243	0.60%	0.101%
226	15.912	15.897	15.924	VV	449	5584	0.12%	0.021%
227	15.949	15.924	15.964	VV	476	8425	0.19%	0.031%
228	15.988	15.964	16.017	VV	1849	28993	0.64%	0.107%
229	16.050	16.017	16.092	VV	1292	22177	0.49%	0.082%
230	16.183	16.092	16.214	PV	344	8259	0.18%	0.030%
231	16.244	16.214	16.260	VV	187	3660	0.08%	0.014%
232	16.292	16.260	16.328	VV	780	18888	0.42%	0.070%
233	16.360	16.328	16.417	VV	14550	235870	5.20%	0.871%
234	16.469	16.417	16.522	VV	5132	103528	2.28%	0.382%
235	16.554	16.522	16.582	VV	3395	49341	1.09%	0.182%
236	16.600	16.582	16.620	VV	640	7698	0.17%	0.028%
237	16.640	16.620	16.654	PV	225	2565	0.06%	0.009%
238	16.671	16.654	16.699	VV	205	3464	0.08%	0.013%
239	16.725	16.699	16.751	VV	1079	18102	0.40%	0.067%
240	16.787	16.751	16.815	VV	1895	30779	0.68%	0.114%
241	16.844	16.815	16.895	VV	3736	54432	1.20%	0.201%
242	16.941	16.895	16.965	VV	2272	38042	0.84%	0.140%
243	16.992	16.965	17.000	VV	1772	22451	0.49%	0.083%
244	17.017	17.000	17.054	VV	3619	48695	1.07%	0.180%
245	17.082	17.054	17.094	VV	130	1868	0.04%	0.007%
246	17.107	17.094	17.122	VV	89	896	0.02%	0.003%

247	17.214	17.122	17.238	PV	535	17410	0.38%	0.064%
248	17.305	17.238	17.359	VV	15022	260853	5.75%	0.963%
249	17.390	17.359	17.421	VV	5757	91808	2.02%	0.339%
250	17.433	17.421	17.448	VV	363	4496	0.10%	0.017%
251	17.474	17.448	17.494	VV	1451	22228	0.49%	0.082%
252	17.507	17.494	17.548	VV	627	14265	0.31%	0.053%
253	17.567	17.548	17.588	VV	752	10230	0.23%	0.038%
254	17.615	17.588	17.635	VV	435	6222	0.14%	0.023%
255	17.673	17.635	17.689	VV	569	10197	0.22%	0.038%
256	17.698	17.689	17.716	VV	382	4472	0.10%	0.017%
257	17.758	17.716	17.769	VV	1179	20624	0.45%	0.076%
258	17.786	17.769	17.800	VV	1387	22537	0.50%	0.083%
259	17.828	17.800	17.858	VV	2950	57476	1.27%	0.212%
260	17.871	17.858	17.883	VV	656	9275	0.20%	0.034%
261	17.919	17.883	17.949	VV	3564	70458	1.55%	0.260%
262	17.959	17.949	17.971	VV	864	10667	0.24%	0.039%
263	17.986	17.971	18.000	VV	1303	18436	0.41%	0.068%
264	18.015	18.000	18.029	VV	1192	19070	0.42%	0.070%
265	18.064	18.029	18.109	VV	2777	73528	1.62%	0.272%
266	18.188	18.109	18.231	VV	16271	393383	8.67%	1.453%
267	18.253	18.231	18.288	VV	9204	165720	3.65%	0.612%
268	18.353	18.288	18.381	VV	2957	102888	2.27%	0.380%
269	18.385	18.381	18.411	VV	1963	29196	0.64%	0.108%
270	18.471	18.411	18.508	VV	3428	103707	2.29%	0.383%
271	18.553	18.508	18.584	VV	2144	78286	1.73%	0.289%
272	18.607	18.584	18.623	VV	2609	49722	1.10%	0.184%
273	18.657	18.623	18.712	VV	6004	179028	3.95%	0.661%
274	18.764	18.712	18.808	VV	6181	220581	4.86%	0.815%
275	18.829	18.808	18.853	VV	3752	86507	1.91%	0.319%
276	18.872	18.853	18.896	VV	2967	68800	1.52%	0.254%
277	18.960	18.896	18.979	VV	4991	166620	3.67%	0.615%
278	19.021	18.979	19.052	VV	22121	489971	10.80%	1.809%
279	19.069	19.052	19.106	VV	8512	211266	4.66%	0.780%
280	19.149	19.106	19.178	VV	5944	207554	4.57%	0.766%
281	19.201	19.178	19.237	VV	6168	176934	3.90%	0.653%
282	19.264	19.237	19.283	VV	4476	114217	2.52%	0.422%
283	19.312	19.283	19.345	VV	5826	181878	4.01%	0.672%
284	19.360	19.345	19.384	VV	5241	107309	2.37%	0.396%
285	19.415	19.384	19.431	VV	4576	120490	2.66%	0.445%
286	19.445	19.431	19.471	VV	5084	111185	2.45%	0.411%
287	19.519	19.471	19.535	VV	7315	213166	4.70%	0.787%
288	19.555	19.535	19.590	VV	8213	212222	4.68%	0.784%
289	19.627	19.590	19.651	VV	6380	198751	4.38%	0.734%
290	19.665	19.651	19.678	VV	5350	82518	1.82%	0.305%
291	19.740	19.678	19.768	VV	6648	317307	6.99%	1.172%
292	19.817	19.768	19.889	VV	11709	581111	12.81%	2.146%
293	19.958	19.889	19.984	VV	7956	394158	8.69%	1.456%
294	20.006	19.984	20.034	VV	7798	226743	5.00%	0.837%
295	20.053	20.034	20.061	VV	7873	122901	2.71%	0.454%
296	20.069	20.061	20.098	VV	7912	165314	3.64%	0.610%
297	20.133	20.098	20.164	VV	7824	292491	6.45%	1.080%
298	20.194	20.164	20.217	VV	7981	244205	5.38%	0.902%
299	20.230	20.217	20.248	VV	7574	137892	3.04%	0.509%

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300	20.308	20.248	20.325	VV	8174	353253	7.79%	1.305%
301	20.355	20.325	20.390	VV	10481	333768	7.36%	1.233%
302	20.487	20.390	20.584	VV	12216	1162545	25.62%	4.293%
303	20.618	20.584	20.648	VV	7509	281213	6.20%	1.038%
304	20.656	20.648	20.671	VV	7303	100106	2.21%	0.370%
305	20.696	20.671	20.708	VV	7324	160920	3.55%	0.594%
306	20.716	20.708	20.761	VV	7251	224098	4.94%	0.828%
307	20.782	20.761	20.811	VV	6867	198878	4.38%	0.734%
308	20.826	20.811	20.836	VV	6659	99090	2.18%	0.366%
309	20.865	20.836	20.881	VV	6973	182990	4.03%	0.676%
310	20.901	20.881	20.911	VV	7022	124201	2.74%	0.459%
311	20.956	20.911	21.040	VV	7519	525322	11.58%	1.940%
312	21.055	21.040	21.121	VV	6271	278404	6.14%	1.028%
313	21.163	21.121	21.204	VV	5298	247384	5.45%	0.914%
314	21.269	21.204	21.298	VV	4519	240939	5.31%	0.890%
315	21.407	21.298	21.522	VV	4748	555506	12.24%	2.051%
316	21.540	21.522	21.578	VV	3708	113472	2.50%	0.419%
317	21.600	21.578	21.629	VV	3229	92898	2.05%	0.343%
318	21.639	21.629	21.645	VV	2825	26432	0.58%	0.098%
319	21.654	21.645	21.713	VV	2830	105280	2.32%	0.389%
320	21.764	21.713	21.815	VV	2605	149479	3.29%	0.552%
321	21.840	21.815	21.886	VV	2330	90130	1.99%	0.333%
322	21.927	21.886	21.971	VV	2196	102853	2.27%	0.380%
323	21.979	21.971	21.985	VV	1800	14570	0.32%	0.054%
324	22.000	21.985	22.048	VV	1815	62516	1.38%	0.231%
325	22.067	22.048	22.090	VV	1684	39589	0.87%	0.146%
326	22.100	22.090	22.128	VV	1497	31803	0.70%	0.117%
327	22.205	22.128	22.367	VV	2198	165326	3.64%	0.611%
328	22.437	22.367	22.452	PV	350	10236	0.23%	0.038%
329	22.462	22.452	22.481	VV	210	2344	0.05%	0.009%

Sum of corrected areas: 27078884

Aliphatic EPH 061825.M Wed Jul 09 05:09:32 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:	07/01/25
Project:	98 Morse Ave Nutley	Date Received:	07/01/25
Client Sample ID:	3	SDG No.:	Q2486
Lab Sample ID:	Q2486-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.4
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 15:00	PB168752

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.35	J	1	1.09	4.80	mg/kg	FE054741.D
Total EPH	Total EPH	3.35	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:	07/01/25
Project:	98 Morse Ave Nutley	Date Received:	07/01/25
Client Sample ID:	3	SDG No.:	Q2486
Lab Sample ID:	Q2486-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.4
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
FE054741.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		3.35	J	1.09	4.80	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		12.6		1.41	2.40	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		28.4		40 - 140	57%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		28.6		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:	Q2486-05	Acq On:	08 Jul 2025 15:00
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FE054741.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.956	304472	2.238	300	ug/ml
Aliphatic C12-C16	6.957	10.409	1138537	8.1	200	ug/ml
Aliphatic C16-C21	10.410	13.786	2020424	13.992	300	ug/ml
Aliphatic C21-C28	13.787	17.458	2543322	17.582	400	ug/ml
Aliphatic C28-C40	17.459	22.482	21836151	157.494	600	ug/ml
Aliphatic EPH	3.323	22.482	27842906	199.406		ug/ml
ortho-Terphenyl (SURR)	12.082	12.082	4644078	28.6		ug/ml
1-chlorooctadecane (SURR)	13.519	13.519	3583162	28.37		ug/ml
Aliphatic C9-C28	3.323	17.458	6006755	41.912	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054741.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 15:00
Operator : YP\AJ
Sample : Q2486-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
3

Integration File: autoint1.e
Quant Time: Jul 09 06:38:57 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	4644078	28.598 ug/ml
Spiked Amount 50.000		Recovery =	57.20%
12) S 1-chlorooctadecane (S...	13.519	3583162	28.372 ug/ml
Spiked Amount 50.000		Recovery =	56.74%
Target Compounds			

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

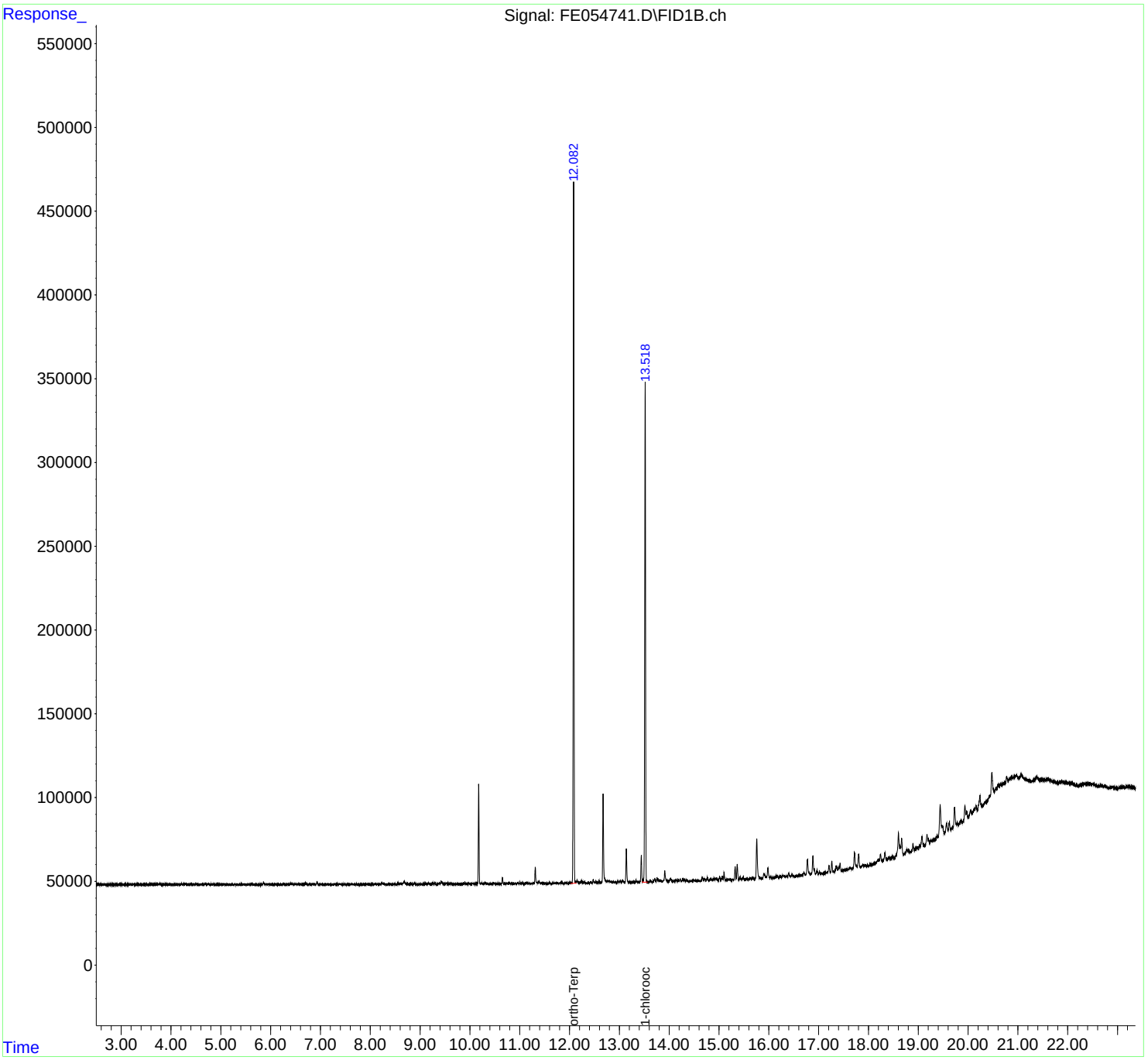
Quantitation Report (QT Reviewed)

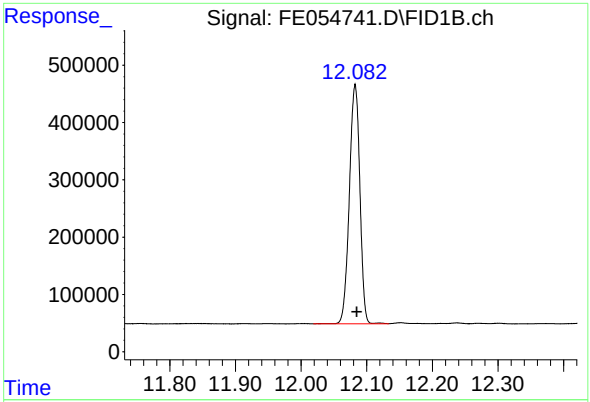
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054741.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 15:00
Operator : YP\AJ
Sample : Q2486-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
3

Integration File: autoint1.e
Quant Time: Jul 09 06:38:57 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

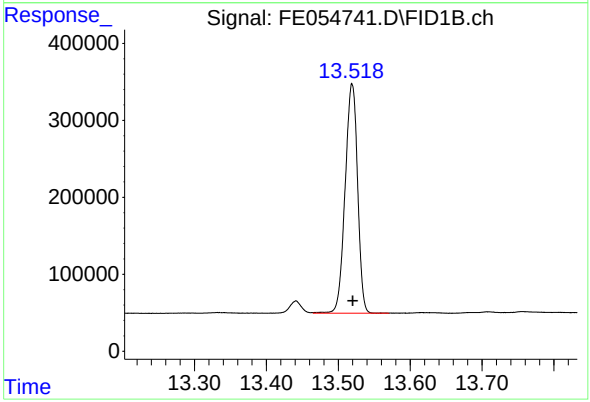




#9 ortho-Terphenyl (SURR)

R.T.: 12.082 min
Delta R.T.: -0.002 min
Response: 4644078
Conc: 28.60 ug/ml

Instrument :
FID_E
ClientSampleId :
3



#12 1-chlorooctadecane (SURR)

R.T.: 13.519 min
Delta R.T.: 0.000 min
Response: 3583162
Conc: 28.37 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054741.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 15:00
Sample : Q2486-05
Misc :
ALS Vial : 22 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	4.598	4.578	4.611	VV	221	3158	0.07%	0.009%
2	4.626	4.611	4.666	VV	201	5756	0.12%	0.016%
3	4.679	4.666	4.709	VV	350	6511	0.14%	0.018%
4	4.724	4.709	4.741	VV	297	4732	0.10%	0.013%
5	4.774	4.741	4.826	VV	339	12513	0.27%	0.035%
6	4.849	4.826	4.883	VV	512	8463	0.18%	0.023%
7	4.916	4.883	4.966	VV	209	8190	0.18%	0.023%
8	4.971	4.966	4.990	VV	199	2249	0.05%	0.006%
9	5.001	4.990	5.011	VV	231	2130	0.05%	0.006%
10	5.024	5.011	5.040	VV	195	2494	0.05%	0.007%
11	5.055	5.040	5.065	VV	233	2672	0.06%	0.007%
12	5.075	5.065	5.093	VV	201	2915	0.06%	0.008%
13	5.114	5.093	5.134	VV	208	3988	0.09%	0.011%
14	5.142	5.134	5.177	VV	219	3658	0.08%	0.010%
15	5.191	5.177	5.219	VV	147	2834	0.06%	0.008%
16	5.230	5.219	5.266	VV	174	2734	0.06%	0.008%
17	5.285	5.266	5.315	VV	247	3898	0.08%	0.011%
18	5.341	5.315	5.357	VV	267	4330	0.09%	0.012%
19	5.374	5.357	5.383	VV	118	1679	0.04%	0.005%
20	5.397	5.383	5.421	VV	205	2848	0.06%	0.008%
21	5.447	5.421	5.473	VV	148	3734	0.08%	0.010%
22	5.491	5.473	5.567	VV	208	6400	0.14%	0.018%
23	5.626	5.567	5.654	VV	669	10710	0.23%	0.030%
24	5.662	5.654	5.690	VV	163	1983	0.04%	0.005%
25	5.699	5.690	5.705	VV	147	962	0.02%	0.003%
26	5.720	5.705	5.736	VV	175	2181	0.05%	0.006%
27	5.750	5.736	5.804	VV	168	2675	0.06%	0.007%
28	5.856	5.804	5.916	PV	1750	26380	0.57%	0.073%
29	5.928	5.916	5.951	VV	252	3766	0.08%	0.010%
30	5.964	5.951	5.978	VV	193	2173	0.05%	0.006%
31	6.003	5.978	6.051	VV	189	6006	0.13%	0.017%
32	6.076	6.051	6.083	VV	223	3609	0.08%	0.010%
33	6.092	6.083	6.164	VV	312	7445	0.16%	0.021%
34	6.191	6.164	6.217	VV	161	4164	0.09%	0.012%
35	6.248	6.217	6.291	VV	291	9423	0.20%	0.026%
36	6.303	6.291	6.314	VV	290	3195	0.07%	0.009%

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37	6.332	6.314	6.384	VV	251	10317	0.22%	0.029%
38	6.398	6.384	6.471	VV	554	17959	0.39%	0.050%
39	6.489	6.471	6.534	VV	400	10779	0.23%	0.030%
40	6.558	6.534	6.609	VV	373	11901	0.26%	0.033%
41	6.624	6.609	6.648	VV	266	5696	0.12%	0.016%
42	6.651	6.648	6.673	VV	282	3301	0.07%	0.009%
43	6.694	6.673	6.733	VV	978	15318	0.33%	0.042%
44	6.748	6.733	6.781	VV	228	5764	0.12%	0.016%
45	6.785	6.781	6.818	VV	248	4787	0.10%	0.013%
46	6.874	6.818	6.894	VV	331	11248	0.24%	0.031%
47	6.930	6.894	6.978	VV	1754	24844	0.53%	0.069%
48	7.010	6.978	7.040	VV	222	5852	0.13%	0.016%
49	7.069	7.040	7.080	VV	136	2768	0.06%	0.008%
50	7.129	7.080	7.161	VV	230	7544	0.16%	0.021%
51	7.170	7.161	7.201	VV	155	3135	0.07%	0.009%
52	7.209	7.201	7.252	VV	170	2999	0.06%	0.008%
53	7.280	7.252	7.297	VV	109	2186	0.05%	0.006%
54	7.325	7.297	7.343	VV	200	3504	0.08%	0.010%
55	7.385	7.343	7.424	VV	336	12687	0.27%	0.035%
56	7.430	7.424	7.473	VV	254	5936	0.13%	0.016%
57	7.495	7.473	7.524	VV	310	6911	0.15%	0.019%
58	7.541	7.524	7.574	VV	294	6514	0.14%	0.018%
59	7.580	7.574	7.608	VV	194	2549	0.05%	0.007%
60	7.639	7.608	7.657	PV	358	4509	0.10%	0.012%
61	7.673	7.657	7.685	VV	270	2840	0.06%	0.008%
62	7.693	7.685	7.726	VV	234	3259	0.07%	0.009%
63	7.750	7.726	7.771	VV	189	3870	0.08%	0.011%
64	7.781	7.771	7.794	VV	169	1984	0.04%	0.005%
65	7.802	7.794	7.846	VV	235	4130	0.09%	0.011%
66	7.865	7.846	7.878	VV	160	2248	0.05%	0.006%
67	7.911	7.878	7.938	VV	146	3619	0.08%	0.010%
68	7.956	7.938	8.000	VV	172	4087	0.09%	0.011%
69	8.033	8.000	8.064	VV	256	4927	0.11%	0.014%
70	8.098	8.064	8.135	VV	526	8366	0.18%	0.023%
71	8.158	8.135	8.175	VV	155	3001	0.06%	0.008%
72	8.231	8.175	8.252	VV	761	17239	0.37%	0.048%
73	8.267	8.252	8.328	VV	713	12062	0.26%	0.033%
74	8.341	8.328	8.361	VV	173	2429	0.05%	0.007%
75	8.385	8.361	8.440	VV	261	8436	0.18%	0.023%
76	8.459	8.440	8.496	VV	268	6154	0.13%	0.017%
77	8.513	8.496	8.524	VV	215	2987	0.06%	0.008%
78	8.557	8.524	8.572	VV	827	11541	0.25%	0.032%
79	8.585	8.572	8.608	VV	494	8836	0.19%	0.024%
80	8.681	8.608	8.734	VV	1626	50729	1.09%	0.141%
81	8.752	8.734	8.774	VV	252	4453	0.10%	0.012%
82	8.809	8.774	8.863	VV	719	18959	0.41%	0.053%
83	8.891	8.863	8.908	VV	782	9793	0.21%	0.027%
84	8.924	8.908	8.978	VV	264	4872	0.10%	0.013%
85	9.030	8.978	9.042	PV	248	5764	0.12%	0.016%
86	9.058	9.042	9.087	VV	297	5709	0.12%	0.016%
87	9.106	9.087	9.139	VV	616	10363	0.22%	0.029%
88	9.167	9.139	9.218	VV	776	19273	0.41%	0.053%
89	9.258	9.218	9.277	VV	807	14550	0.31%	0.040%

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90	9.298	9.277	9.334	VV	1132	15968	0.34%	0.044%
91	9.346	9.334	9.361	VV	207	2502	0.05%	0.007%
92	9.383	9.361	9.401	VV	564	9108	0.20%	0.025%
93	9.424	9.401	9.498	VV	1639	40180	0.86%	0.111%
94	9.521	9.498	9.538	VV	690	10389	0.22%	0.029%
95	9.552	9.538	9.568	VV	646	7708	0.17%	0.021%
96	9.580	9.568	9.603	VV	405	5955	0.13%	0.017%
97	9.620	9.603	9.658	VV	665	9571	0.21%	0.027%
98	9.711	9.658	9.784	VV	344	13133	0.28%	0.036%
99	9.813	9.784	9.844	VV	312	5005	0.11%	0.014%
100	9.900	9.844	9.931	PV	986	21478	0.46%	0.060%
101	9.937	9.931	9.954	VV	258	3147	0.07%	0.009%
102	9.983	9.954	10.011	VV	359	9028	0.19%	0.025%
103	10.045	10.011	10.054	VV	372	6885	0.15%	0.019%
104	10.066	10.054	10.108	VV	349	8335	0.18%	0.023%
105	10.113	10.108	10.126	VV	149	1856	0.04%	0.005%
106	10.142	10.126	10.149	VV	310	3565	0.08%	0.010%
107	10.177	10.149	10.214	VV	59698	600675	12.91%	1.664%
108	10.240	10.214	10.280	VV	528	13104	0.28%	0.036%
109	10.306	10.280	10.372	VV	794	20459	0.44%	0.057%
110	10.399	10.372	10.451	VV	255	6912	0.15%	0.019%
111	10.476	10.451	10.530	VV	435	11838	0.25%	0.033%
112	10.562	10.530	10.594	VV	401	7705	0.17%	0.021%
113	10.654	10.594	10.679	PV	3965	43979	0.95%	0.122%
114	10.697	10.679	10.715	VV	485	6929	0.15%	0.019%
115	10.746	10.715	10.778	VV	566	15969	0.34%	0.044%
116	10.784	10.778	10.814	VV	471	6725	0.14%	0.019%
117	10.828	10.814	10.848	VV	256	3434	0.07%	0.010%
118	10.957	10.848	10.981	VV	854	22288	0.48%	0.062%
119	11.002	10.981	11.028	VV	672	9931	0.21%	0.028%
120	11.047	11.028	11.088	VV	775	12405	0.27%	0.034%
121	11.115	11.088	11.133	VV	689	12179	0.26%	0.034%
122	11.151	11.133	11.181	VV	655	11499	0.25%	0.032%
123	11.186	11.181	11.204	VV	288	2976	0.06%	0.008%
124	11.210	11.204	11.234	VV	227	3085	0.07%	0.009%
125	11.275	11.234	11.286	VV	484	8451	0.18%	0.023%
126	11.312	11.286	11.361	VV	9979	122138	2.63%	0.338%
127	11.387	11.361	11.433	VV	1890	31807	0.68%	0.088%
128	11.445	11.433	11.462	VV	397	5135	0.11%	0.014%
129	11.477	11.462	11.550	VV	341	10419	0.22%	0.029%
130	11.560	11.550	11.584	VV	260	3502	0.08%	0.010%
131	11.599	11.584	11.644	VV	780	9457	0.20%	0.026%
132	11.685	11.644	11.708	PV	644	8524	0.18%	0.024%
133	11.728	11.708	11.744	VV	523	7964	0.17%	0.022%
134	11.755	11.744	11.778	VV	741	8327	0.18%	0.023%
135	11.843	11.778	11.894	VV	699	24682	0.53%	0.068%
136	11.915	11.894	11.938	VV	445	6993	0.15%	0.019%
137	11.950	11.938	11.978	VV	481	7223	0.16%	0.020%
138	12.002	11.978	12.018	VV	552	7777	0.17%	0.022%
139	12.035	12.018	12.044	VV	454	5737	0.12%	0.016%
140	12.082	12.044	12.134	VV	414737	4651341	100.00%	12.888%
141	12.152	12.134	12.201	VV	2014	36263	0.78%	0.100%

rteres

142	12.238	12.201	12.256	VV	1737	28013	0.60%	0.078%
143	12.271	12.256	12.286	VV	944	11517	0.25%	0.032%
144	12.301	12.286	12.328	VV	1077	12166	0.26%	0.034%
145	12.373	12.328	12.394	PV	420	8696	0.19%	0.024%
146	12.424	12.394	12.450	VV	747	13200	0.28%	0.037%
147	12.476	12.450	12.506	VV	2303	32416	0.70%	0.090%
148	12.532	12.506	12.570	VV	894	22828	0.49%	0.063%
149	12.592	12.570	12.633	VV	1286	25343	0.54%	0.070%
150	12.674	12.633	12.748	VV	53392	670681	14.42%	1.858%
151	12.763	12.748	12.780	VV	1177	19658	0.42%	0.054%
152	12.795	12.780	12.829	VV	1125	24827	0.53%	0.069%
153	12.844	12.829	12.868	VV	646	13106	0.28%	0.036%
154	12.880	12.868	12.895	VV	526	7462	0.16%	0.021%
155	12.913	12.895	12.949	VV	557	11880	0.26%	0.033%
156	12.973	12.949	12.991	VV	1102	14629	0.31%	0.041%
157	13.020	12.991	13.041	VV	990	19544	0.42%	0.054%
158	13.068	13.041	13.110	VV	1308	27940	0.60%	0.077%
159	13.141	13.110	13.184	VV	20213	248538	5.34%	0.689%
160	13.191	13.184	13.252	VV	319	7177	0.15%	0.020%
161	13.288	13.252	13.306	VV	420	8538	0.18%	0.024%
162	13.333	13.306	13.404	VV	1029	27361	0.59%	0.076%
163	13.441	13.404	13.464	VV	16080	181448	3.90%	0.503%
164	13.519	13.464	13.578	VV	297859	3595143	77.29%	9.962%
165	13.616	13.578	13.658	VV	828	19633	0.42%	0.054%
166	13.709	13.658	13.734	PV	1783	39538	0.85%	0.110%
167	13.757	13.734	13.795	VV	2008	48944	1.05%	0.136%
168	13.806	13.795	13.825	VV	974	15713	0.34%	0.044%
169	13.836	13.825	13.858	VV	771	11655	0.25%	0.032%
170	13.912	13.858	13.988	VV	6720	126870	2.73%	0.352%
171	14.030	13.988	14.070	VV	2224	42596	0.92%	0.118%
172	14.094	14.070	14.114	VV	349	7691	0.17%	0.021%
173	14.139	14.114	14.160	VV	1002	16661	0.36%	0.046%
174	14.181	14.160	14.200	VV	1200	15822	0.34%	0.044%
175	14.221	14.200	14.244	VV	1297	18405	0.40%	0.051%
176	14.272	14.244	14.293	VV	1277	23125	0.50%	0.064%
177	14.311	14.293	14.331	VV	1191	18189	0.39%	0.050%
178	14.352	14.331	14.401	VV	895	14928	0.32%	0.041%
179	14.426	14.401	14.448	PV	316	4357	0.09%	0.012%
180	14.455	14.448	14.468	VV	239	2114	0.05%	0.006%
181	14.527	14.468	14.550	VV	471	15398	0.33%	0.043%
182	14.562	14.550	14.604	VV	264	3438	0.07%	0.010%
183	14.666	14.604	14.692	VV	2254	35322	0.76%	0.098%
184	14.711	14.692	14.734	VV	1210	19875	0.43%	0.055%
185	14.768	14.734	14.801	VV	2061	34161	0.73%	0.095%
186	14.836	14.801	14.859	VV	1464	24955	0.54%	0.069%
187	14.868	14.859	14.880	VV	534	6486	0.14%	0.018%
188	14.904	14.880	14.924	VV	1202	23634	0.51%	0.065%
189	14.945	14.924	14.981	VV	1468	30505	0.66%	0.085%
190	15.013	14.981	15.035	VV	2224	31441	0.68%	0.087%
191	15.069	15.035	15.084	VV	2544	38359	0.82%	0.106%
192	15.101	15.084	15.141	VV	4655	56729	1.22%	0.157%
193	15.150	15.141	15.174	VV	309	4429	0.10%	0.012%
194	15.222	15.174	15.256	VV	517	17091	0.37%	0.047%

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195	15.276	15.256	15.291	PV	421	4904	0.11%	0.014%
196	15.324	15.291	15.344	VV	8054	97202	2.09%	0.269%
197	15.366	15.344	15.398	VV	9339	126112	2.71%	0.349%
198	15.421	15.398	15.443	VV	1255	17925	0.39%	0.050%
199	15.486	15.443	15.511	VV	1558	24763	0.53%	0.069%
200	15.518	15.511	15.536	VV	299	3458	0.07%	0.010%
201	15.564	15.536	15.601	VV	633	10316	0.22%	0.029%
202	15.624	15.601	15.651	PV	961	14549	0.31%	0.040%
203	15.670	15.651	15.721	VV	690	17371	0.37%	0.048%
204	15.758	15.721	15.834	VV	23852	383633	8.25%	1.063%
205	15.853	15.834	15.873	VV	340	7132	0.15%	0.020%
206	15.900	15.873	15.938	VV	2844	64609	1.39%	0.179%
207	15.981	15.938	16.019	VV	6340	110202	2.37%	0.305%
208	16.036	16.019	16.060	VV	826	11183	0.24%	0.031%
209	16.081	16.060	16.101	VV	294	4222	0.09%	0.012%
210	16.156	16.101	16.193	VV	1004	30740	0.66%	0.085%
211	16.236	16.193	16.251	VV	510	12264	0.26%	0.034%
212	16.281	16.251	16.305	VV	1244	21454	0.46%	0.059%
213	16.324	16.305	16.338	VV	562	8184	0.18%	0.023%
214	16.357	16.338	16.376	VV	683	11045	0.24%	0.031%
215	16.400	16.376	16.443	VV	2558	40289	0.87%	0.112%
216	16.464	16.443	16.515	VV	1351	20503	0.44%	0.057%
217	16.534	16.515	16.553	VV	239	2900	0.06%	0.008%
218	16.612	16.553	16.628	PV	583	14537	0.31%	0.040%
219	16.638	16.628	16.650	VV	311	3246	0.07%	0.009%
220	16.704	16.650	16.728	VV	2209	40381	0.87%	0.112%
221	16.776	16.728	16.838	VV	9386	180612	3.88%	0.500%
222	16.886	16.838	16.939	VV	11314	207442	4.46%	0.575%
223	16.968	16.939	16.994	VV	2404	36424	0.78%	0.101%
224	17.017	16.994	17.040	VV	1342	18026	0.39%	0.050%
225	17.055	17.040	17.064	VV	470	4311	0.09%	0.012%
226	17.084	17.064	17.099	VV	402	4655	0.10%	0.013%
227	17.136	17.099	17.151	PV	452	8997	0.19%	0.025%
228	17.209	17.151	17.233	VV	4453	68609	1.48%	0.190%
229	17.266	17.233	17.308	VV	6663	91089	1.96%	0.252%
230	17.354	17.308	17.383	VV	3370	68290	1.47%	0.189%
231	17.430	17.383	17.461	VV	4806	91794	1.97%	0.254%
232	17.519	17.461	17.540	PV	392	12074	0.26%	0.033%
233	17.626	17.540	17.664	VV	991	32841	0.71%	0.091%
234	17.720	17.664	17.768	VV	9331	170085	3.66%	0.471%
235	17.803	17.768	17.843	VV	8395	136937	2.94%	0.379%
236	17.888	17.843	17.908	VV	1595	30540	0.66%	0.085%
237	17.928	17.908	17.961	VV	896	17539	0.38%	0.049%
238	17.984	17.961	18.004	VV	791	11119	0.24%	0.031%
239	18.041	18.004	18.067	PV	577	12884	0.28%	0.036%
240	18.131	18.067	18.140	PV	308	12185	0.26%	0.034%
241	18.195	18.140	18.216	VV	2152	52272	1.12%	0.145%
242	18.242	18.216	18.280	VV	4787	85183	1.83%	0.236%
243	18.330	18.280	18.385	VV	5051	97207	2.09%	0.269%
244	18.404	18.385	18.419	VV	1084	15602	0.34%	0.043%
245	18.434	18.419	18.451	VV	788	10607	0.23%	0.029%
246	18.482	18.451	18.521	VV	1236	22779	0.49%	0.063%

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247	18.602	18.521	18.627	PV	14317	285275	6.13%	0.790%
248	18.638	18.627	18.647	VV	5550	61305	1.32%	0.170%
249	18.666	18.647	18.703	VV	10220	160922	3.46%	0.446%
250	18.769	18.703	18.789	VV	2506	55737	1.20%	0.154%
251	18.805	18.789	18.828	VV	1659	25815	0.55%	0.072%
252	18.840	18.828	18.849	VV	346	3293	0.07%	0.009%
253	18.894	18.849	18.914	PV	4605	59690	1.28%	0.165%
254	18.973	18.914	18.997	VV	1478	49372	1.06%	0.137%
255	19.026	18.997	19.042	VV	2067	35855	0.77%	0.099%
256	19.074	19.042	19.106	VV	6698	132694	2.85%	0.368%
257	19.117	19.106	19.137	VV	1133	17159	0.37%	0.048%
258	19.175	19.137	19.194	VV	6682	121791	2.62%	0.337%
259	19.203	19.194	19.228	VV	3763	53620	1.15%	0.149%
260	19.250	19.228	19.274	VV	2316	50470	1.09%	0.140%
261	19.292	19.274	19.311	VV	2189	39206	0.84%	0.109%
262	19.381	19.311	19.396	VV	3524	114305	2.46%	0.317%
263	19.440	19.396	19.525	VV	21409	697640	15.00%	1.933%
264	19.568	19.525	19.596	VV	8769	245728	5.28%	0.681%
265	19.625	19.596	19.649	VV	8695	193415	4.16%	0.536%
266	19.684	19.649	19.696	VV	4984	129739	2.79%	0.359%
267	19.729	19.696	19.768	VV	16398	400007	8.60%	1.108%
268	19.781	19.768	19.801	VV	6567	119952	2.58%	0.332%
269	19.861	19.801	19.881	VV	7701	294041	6.32%	0.815%
270	19.937	19.881	19.957	VV	14946	410862	8.83%	1.138%
271	19.973	19.957	20.008	VV	11015	278230	5.98%	0.771%
272	20.051	20.008	20.073	VV	10893	354822	7.63%	0.983%
273	20.120	20.073	20.136	VV	10880	369443	7.94%	1.024%
274	20.161	20.136	20.187	VV	12393	334022	7.18%	0.926%
275	20.238	20.187	20.281	VV	17589	722043	15.52%	2.001%
276	20.341	20.281	20.350	VV	12302	478562	10.29%	1.326%
277	20.479	20.350	20.523	VV	28416	1721487	37.01%	4.770%
278	20.604	20.523	20.619	VV	19664	1049963	22.57%	2.909%
279	20.647	20.619	20.668	VV	19209	547140	11.76%	1.516%
280	20.718	20.668	20.741	VV	19292	833069	17.91%	2.308%
281	20.774	20.741	20.803	VV	22784	773625	16.63%	2.144%
282	20.868	20.803	20.903	VV	20904	1218888	26.21%	3.377%
283	20.971	20.903	21.026	VV	21275	1496780	32.18%	4.147%
284	21.076	21.026	21.132	VV	20241	1202094	25.84%	3.331%
285	21.140	21.132	21.281	VV	16871	1369124	29.44%	3.794%
286	21.383	21.281	21.448	VV	15200	1418136	30.49%	3.930%
287	21.488	21.448	21.531	VV	12543	610988	13.14%	1.693%
288	21.538	21.531	21.554	VV	11877	162885	3.50%	0.451%
289	21.596	21.554	21.694	VV	11432	873920	18.79%	2.422%
290	21.708	21.694	21.816	VV	8949	577706	12.42%	1.601%
291	21.881	21.816	21.958	VV	6705	523927	11.26%	1.452%
292	21.978	21.958	22.034	VV	5032	207474	4.46%	0.575%
293	22.098	22.034	22.189	VV	3137	225946	4.86%	0.626%
294	22.198	22.189	22.234	VV	570	8130	0.17%	0.023%

Sum of corrected areas: 36089394

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:	07/01/25
Project:	98 Morse Ave Nutley	Date Received:	07/01/25
Client Sample ID:	4	SDG No.:	Q2486
Lab Sample ID:	Q2486-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.6
Sample Wt/Vol:	30.06 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 15:31	PB168752

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.56	J	1	1.07	4.72	mg/kg	FE054742.D
Total EPH	Total EPH	3.56	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:	07/01/25
Project:	98 Morse Ave Nutley	Date Received:	07/01/25
Client Sample ID:	4	SDG No.:	Q2486
Lab Sample ID:	Q2486-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.6
Sample Wt/Vol:	30.06 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
FE054742.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	3.56	J	1.07	4.72	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.6		1.39	2.36	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.5		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.8		40 - 140	64%	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:	Q2486-06	Acq On:	08 Jul 2025 15:31
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FE054742.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.956	722474	5.31	300	ug/ml
Aliphatic C12-C16	6.957	10.409	1265468	9.003	200	ug/ml
Aliphatic C16-C21	10.410	13.786	2114929	14.647	300	ug/ml
Aliphatic C21-C28	13.787	17.458	2352581	16.264	400	ug/ml
Aliphatic C28-C40	17.459	22.482	20486736	147.761	600	ug/ml
Aliphatic EPH	3.323	22.482	26942188	192.985		ug/ml
ortho-Terphenyl (SURR)	12.087	12.087	5160674	31.78		ug/ml
1-chlorooctadecane (SURR)	13.523	13.523	3982934	31.54		ug/ml
Aliphatic C9-C28	3.323	17.458	6455452	45.224	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054742.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 15:31
Operator : YP\AJ
Sample : Q2486-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
4

Integration File: autoint1.e
Quant Time: Jul 09 06:39:10 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)	12.087	5160674	31.779 ug/ml
Spiked Amount 50.000		Recovery =	63.56%
12) S 1-chlorooctadecane (S...	13.523	3982934	31.537 ug/ml
Spiked Amount 50.000		Recovery =	63.07%
Target Compounds			

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

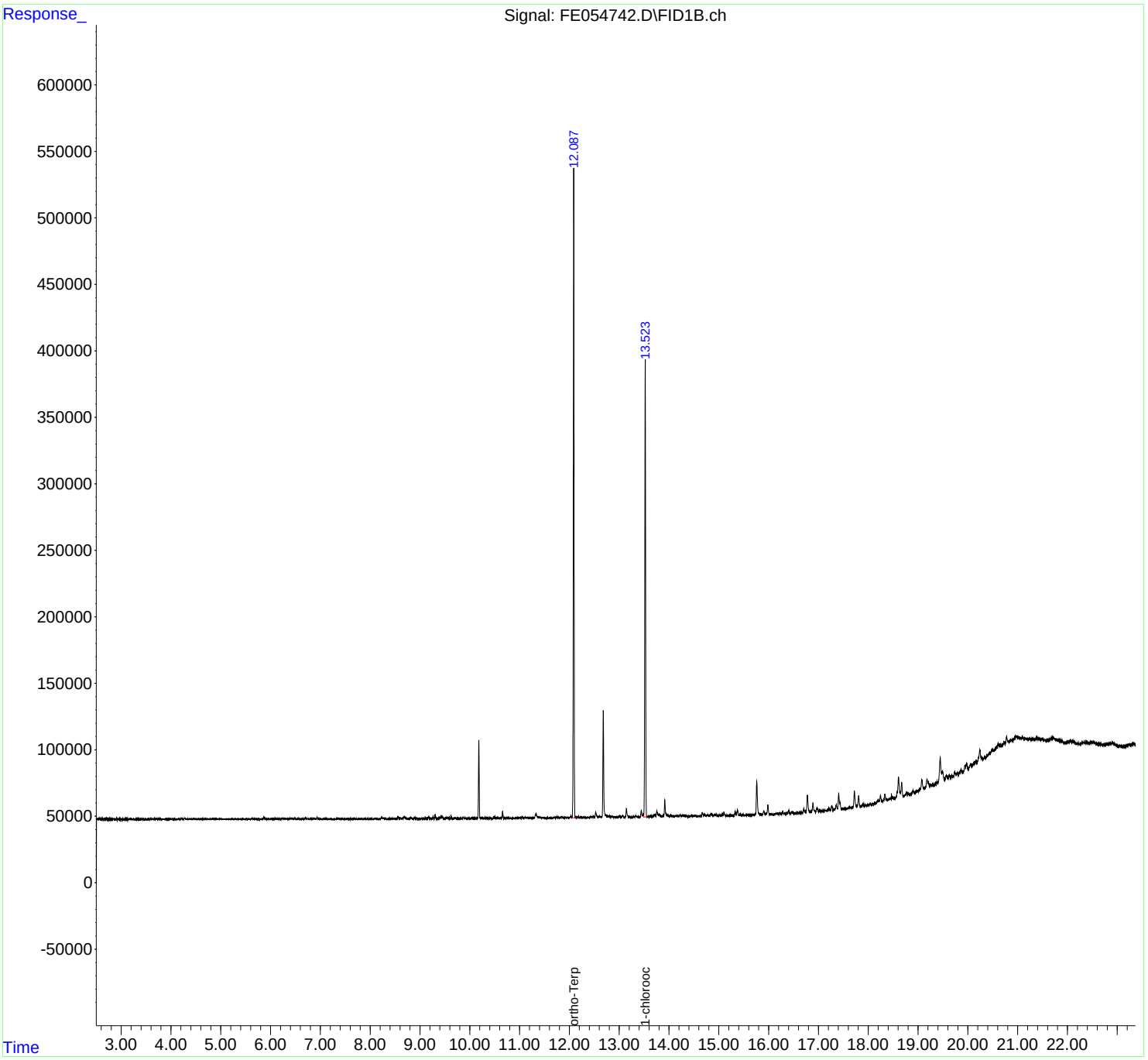
Quantitation Report (QT Reviewed)

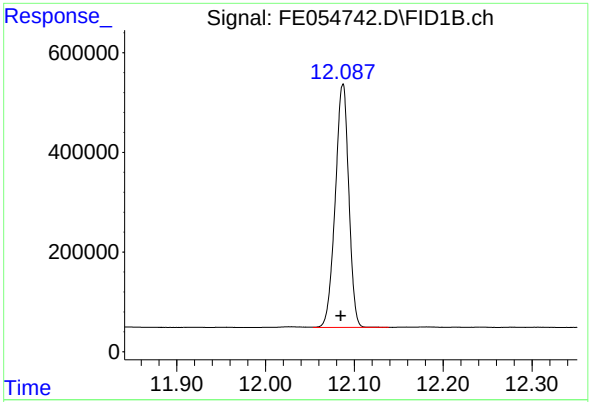
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054742.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 15:31
Operator : YP\AJ
Sample : Q2486-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
4

Integration File: autoint1.e
Quant Time: Jul 09 06:39:10 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

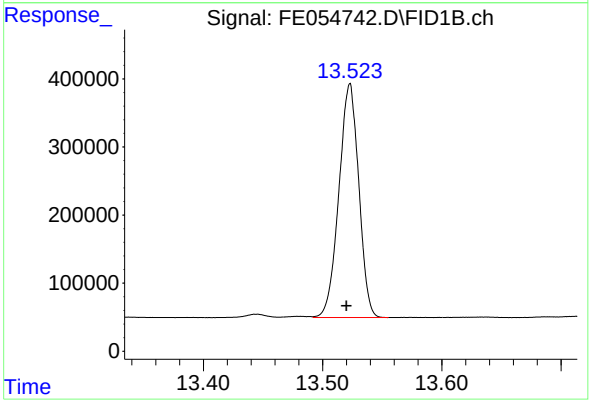




#9 ortho-Terphenyl (SURR)

R.T.: 12.087 min
Delta R.T.: 0.002 min
Response: 5160674
Conc: 31.78 ug/ml

Instrument :
FID_E
ClientSampleId :
4



#12 1-chlorooctadecane (SURR)

R.T.: 13.523 min
Delta R.T.: 0.003 min
Response: 3982934
Conc: 31.54 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054742.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 15:31
Sample : Q2486-06
Misc :
ALS Vial : 23 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	2.838	2.804	2.848	BV	69	1111	0.02%	0.003%
2	2.858	2.848	2.918	VV	64	1565	0.03%	0.004%
3	2.929	2.918	2.974	VV	76	850	0.02%	0.002%
4	2.987	2.974	3.004	VV	124	1019	0.02%	0.003%
5	3.009	3.004	3.087	VV	85	2508	0.05%	0.007%
6	3.097	3.087	3.118	VV	139	1496	0.03%	0.004%
7	3.166	3.118	3.188	VV	224	4395	0.09%	0.012%
8	3.200	3.188	3.214	VV	136	1395	0.03%	0.004%
9	3.224	3.214	3.239	VV	118	1289	0.02%	0.004%
10	3.306	3.239	3.338	VV	186	6147	0.12%	0.017%
11	3.346	3.338	3.378	VV	177	2753	0.05%	0.008%
12	3.428	3.378	3.467	VV	173	6336	0.12%	0.018%
13	3.549	3.467	3.591	VV	221	10374	0.20%	0.029%
14	3.629	3.591	3.667	VV	258	8016	0.16%	0.022%
15	3.680	3.667	3.723	VV	241	6010	0.12%	0.017%
16	3.733	3.723	3.761	VV	206	3846	0.07%	0.011%
17	3.783	3.761	3.820	VV	441	8505	0.16%	0.024%
18	3.833	3.820	3.868	VV	174	4363	0.08%	0.012%
19	3.876	3.868	3.898	VV	200	3117	0.06%	0.009%
20	3.910	3.898	3.928	VV	192	2629	0.05%	0.007%
21	3.938	3.928	3.974	VV	230	4330	0.08%	0.012%
22	4.014	3.974	4.064	VV	303	9471	0.18%	0.026%
23	4.070	4.064	4.085	VV	202	1740	0.03%	0.005%
24	4.142	4.085	4.188	VV	254	12254	0.24%	0.034%
25	4.213	4.188	4.243	VV	921	13416	0.26%	0.037%
26	4.255	4.243	4.263	VV	307	3051	0.06%	0.008%
27	4.277	4.263	4.306	VV	581	11417	0.22%	0.032%
28	4.314	4.306	4.398	VV	425	16786	0.32%	0.046%
29	4.451	4.398	4.538	VV	433	26985	0.52%	0.075%
30	4.551	4.538	4.562	VV	325	4151	0.08%	0.011%
31	4.575	4.562	4.609	VV	275	7260	0.14%	0.020%
32	4.644	4.609	4.664	VV	301	8423	0.16%	0.023%
33	4.681	4.664	4.721	VV	515	12544	0.24%	0.035%
34	4.731	4.721	4.739	VV	394	3839	0.07%	0.011%
35	4.802	4.739	4.817	VV	462	15994	0.31%	0.044%
36	4.825	4.817	4.831	VV	407	3384	0.07%	0.009%

rteres

37	4.853	4.831	4.876	VV	635	11894	0.23%	0.033%
38	4.885	4.876	4.895	VV	312	3432	0.07%	0.009%
39	4.926	4.895	4.968	VV	388	14712	0.28%	0.041%
40	4.973	4.968	5.034	VV	369	13012	0.25%	0.036%
41	5.061	5.034	5.091	VV	433	12005	0.23%	0.033%
42	5.112	5.091	5.121	VV	389	6091	0.12%	0.017%
43	5.140	5.121	5.208	VV	361	16279	0.32%	0.045%
44	5.241	5.208	5.264	VV	391	10091	0.20%	0.028%
45	5.288	5.264	5.311	VV	449	9002	0.17%	0.025%
46	5.343	5.311	5.391	VV	429	15675	0.30%	0.043%
47	5.405	5.391	5.421	VV	387	6014	0.12%	0.017%
48	5.453	5.421	5.488	VV	418	12679	0.25%	0.035%
49	5.506	5.488	5.531	VV	400	8400	0.16%	0.023%
50	5.537	5.531	5.564	VV	367	5824	0.11%	0.016%
51	5.630	5.564	5.688	VV	957	29458	0.57%	0.082%
52	5.707	5.688	5.744	VV	333	10282	0.20%	0.028%
53	5.757	5.744	5.776	VV	330	4598	0.09%	0.013%
54	5.827	5.776	5.841	PV	418	10145	0.20%	0.028%
55	5.861	5.841	5.873	VV	1559	17110	0.33%	0.047%
56	5.883	5.873	5.924	VV	1206	18809	0.36%	0.052%
57	5.936	5.924	5.966	VV	600	10651	0.21%	0.029%
58	5.998	5.966	6.031	VV	429	13445	0.26%	0.037%
59	6.034	6.031	6.044	VV	414	2528	0.05%	0.007%
60	6.075	6.044	6.087	VV	494	9738	0.19%	0.027%
61	6.100	6.087	6.134	VV	508	10090	0.20%	0.028%
62	6.151	6.134	6.168	VV	402	6456	0.12%	0.018%
63	6.197	6.168	6.214	VV	431	9002	0.17%	0.025%
64	6.235	6.214	6.249	VV	561	9647	0.19%	0.027%
65	6.254	6.249	6.291	VV	557	12299	0.24%	0.034%
66	6.300	6.291	6.322	VV	423	7917	0.15%	0.022%
67	6.338	6.322	6.348	VV	447	6256	0.12%	0.017%
68	6.366	6.348	6.380	VV	529	9030	0.17%	0.025%
69	6.409	6.380	6.474	VV	844	30424	0.59%	0.084%
70	6.487	6.474	6.537	VV	774	18698	0.36%	0.052%
71	6.562	6.537	6.614	VV	528	19183	0.37%	0.053%
72	6.630	6.614	6.674	VV	462	13442	0.26%	0.037%
73	6.697	6.674	6.748	VV	1161	24953	0.48%	0.069%
74	6.756	6.748	6.764	VV	439	3815	0.07%	0.011%
75	6.798	6.764	6.808	VV	394	8758	0.17%	0.024%
76	6.816	6.808	6.835	VV	365	5439	0.11%	0.015%
77	6.842	6.835	6.848	VV	371	2609	0.05%	0.007%
78	6.863	6.848	6.888	VV	417	9322	0.18%	0.026%
79	6.896	6.888	6.918	VV	370	6516	0.13%	0.018%
80	6.935	6.918	6.980	VV	1698	25750	0.50%	0.071%
81	6.992	6.980	7.001	VV	333	3729	0.07%	0.010%
82	7.011	7.001	7.031	VV	353	4559	0.09%	0.013%
83	7.049	7.031	7.058	VV	299	3859	0.07%	0.011%
84	7.066	7.058	7.104	VV	256	6279	0.12%	0.017%
85	7.133	7.104	7.171	VV	288	9045	0.18%	0.025%
86	7.180	7.171	7.231	VV	256	7025	0.14%	0.019%
87	7.265	7.231	7.278	VV	213	4626	0.09%	0.013%
88	7.288	7.278	7.307	VV	204	2925	0.06%	0.008%
89	7.325	7.307	7.344	VV	291	5263	0.10%	0.015%

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90	7.362	7.344	7.382	VV	540	9070	0.18%	0.025%
91	7.390	7.382	7.425	VV	445	9873	0.19%	0.027%
92	7.433	7.425	7.501	VV	306	12267	0.24%	0.034%
93	7.541	7.501	7.601	VV	598	17812	0.34%	0.049%
94	7.607	7.601	7.630	VV	331	2714	0.05%	0.008%
95	7.645	7.630	7.660	VV	270	3618	0.07%	0.010%
96	7.678	7.660	7.708	VV	334	6466	0.13%	0.018%
97	7.715	7.708	7.722	VV	226	1555	0.03%	0.004%
98	7.728	7.722	7.752	VV	210	2813	0.05%	0.008%
99	7.808	7.752	7.851	VV	297	9804	0.19%	0.027%
100	7.867	7.851	7.914	VV	178	4077	0.08%	0.011%
101	7.956	7.914	7.970	VV	175	4226	0.08%	0.012%
102	7.982	7.970	8.008	VV	172	2518	0.05%	0.007%
103	8.033	8.008	8.053	VV	337	4617	0.09%	0.013%
104	8.102	8.053	8.151	VV	744	12938	0.25%	0.036%
105	8.164	8.151	8.174	VV	141	1059	0.02%	0.003%
106	8.228	8.174	8.257	VV	1640	28759	0.56%	0.080%
107	8.272	8.257	8.343	VV	998	16771	0.32%	0.046%
108	8.353	8.343	8.366	VV	129	1328	0.03%	0.004%
109	8.389	8.366	8.443	VV	399	8638	0.17%	0.024%
110	8.463	8.443	8.479	VV	376	5026	0.10%	0.014%
111	8.560	8.479	8.618	VV	1920	37707	0.73%	0.104%
112	8.628	8.618	8.637	VV	357	3825	0.07%	0.011%
113	8.683	8.637	8.744	VV	1649	46283	0.90%	0.128%
114	8.757	8.744	8.781	VV	228	3608	0.07%	0.010%
115	8.814	8.781	8.870	VV	1275	24169	0.47%	0.067%
116	8.895	8.870	8.914	VV	1255	13682	0.26%	0.038%
117	8.928	8.914	8.978	VV	375	4748	0.09%	0.013%
118	9.032	8.978	9.047	PV	222	5343	0.10%	0.015%
119	9.064	9.047	9.098	VV	290	7160	0.14%	0.020%
120	9.111	9.098	9.134	VV	488	7185	0.14%	0.020%
121	9.171	9.134	9.220	VV	993	21952	0.42%	0.061%
122	9.262	9.220	9.280	VV	1317	18118	0.35%	0.050%
123	9.304	9.280	9.338	VV	3270	38605	0.75%	0.107%
124	9.395	9.338	9.406	VV	656	12835	0.25%	0.036%
125	9.428	9.406	9.441	VV	1670	24318	0.47%	0.067%
126	9.451	9.441	9.474	VV	1433	17739	0.34%	0.049%
127	9.485	9.474	9.500	VV	298	3494	0.07%	0.010%
128	9.526	9.500	9.540	VV	740	10244	0.20%	0.028%
129	9.557	9.540	9.571	VV	1057	13393	0.26%	0.037%
130	9.583	9.571	9.604	VV	770	9682	0.19%	0.027%
131	9.625	9.604	9.677	VV	1454	18744	0.36%	0.052%
132	9.706	9.677	9.748	VV	380	9511	0.18%	0.026%
133	9.753	9.748	9.800	VV	191	4587	0.09%	0.013%
134	9.818	9.800	9.841	VV	315	3869	0.07%	0.011%
135	9.867	9.841	9.893	PV	724	14932	0.29%	0.041%
136	9.907	9.893	9.954	VV	701	13110	0.25%	0.036%
137	9.982	9.954	10.014	VV	361	9648	0.19%	0.027%
138	10.072	10.014	10.102	VV	434	15472	0.30%	0.043%
139	10.110	10.102	10.124	VV	240	2170	0.04%	0.006%
140	10.182	10.124	10.220	VV	58558	593835	11.49%	1.643%
141	10.245	10.220	10.284	VV	608	13606	0.26%	0.038%

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142	10.310	10.284	10.334	VV	840	12911	0.25%	0.036%
143	10.365	10.334	10.384	VV	365	7547	0.15%	0.021%
144	10.402	10.384	10.452	VV	444	8177	0.16%	0.023%
145	10.501	10.452	10.534	VV	1491	26157	0.51%	0.072%
146	10.567	10.534	10.601	VV	694	11556	0.22%	0.032%
147	10.611	10.601	10.624	VV	148	1025	0.02%	0.003%
148	10.658	10.624	10.682	VV	5367	59230	1.15%	0.164%
149	10.697	10.682	10.719	VV	676	9184	0.18%	0.025%
150	10.754	10.719	10.831	VV	636	24655	0.48%	0.068%
151	10.861	10.831	10.908	VV	301	8224	0.16%	0.023%
152	10.924	10.908	10.941	VV	294	4084	0.08%	0.011%
153	10.960	10.941	10.989	VV	518	8963	0.17%	0.025%
154	11.008	10.989	11.027	VV	727	9580	0.19%	0.027%
155	11.051	11.027	11.081	VV	920	14791	0.29%	0.041%
156	11.119	11.081	11.141	VV	565	15970	0.31%	0.044%
157	11.155	11.141	11.180	VV	650	10944	0.21%	0.030%
158	11.202	11.180	11.237	VV	427	11056	0.21%	0.031%
159	11.277	11.237	11.292	VV	534	10909	0.21%	0.030%
160	11.330	11.292	11.374	VV	3997	85725	1.66%	0.237%
161	11.391	11.374	11.434	VV	1062	23170	0.45%	0.064%
162	11.448	11.434	11.471	VV	468	8882	0.17%	0.025%
163	11.481	11.471	11.515	VV	444	8384	0.16%	0.023%
164	11.563	11.515	11.584	VV	270	8682	0.17%	0.024%
165	11.603	11.584	11.664	VV	280	6387	0.12%	0.018%
166	11.690	11.664	11.711	PV	668	8939	0.17%	0.025%
167	11.732	11.711	11.742	VV	651	7815	0.15%	0.022%
168	11.759	11.742	11.778	VV	838	11678	0.23%	0.032%
169	11.795	11.778	11.818	VV	524	8998	0.17%	0.025%
170	11.844	11.818	11.891	VV	1077	25899	0.50%	0.072%
171	11.919	11.891	11.941	VV	541	9449	0.18%	0.026%
172	11.954	11.941	11.986	VV	498	6786	0.13%	0.019%
173	12.027	11.986	12.054	VV	1441	29810	0.58%	0.082%
174	12.087	12.054	12.139	VV	492587	5167830	100.00%	14.298%
175	12.181	12.139	12.204	VV	1113	25665	0.50%	0.071%
176	12.214	12.204	12.226	VV	518	5482	0.11%	0.015%
177	12.243	12.226	12.262	VV	616	7954	0.15%	0.022%
178	12.277	12.262	12.294	VV	423	5380	0.10%	0.015%
179	12.307	12.294	12.334	VV	431	5372	0.10%	0.015%
180	12.385	12.334	12.404	PV	255	5267	0.10%	0.015%
181	12.431	12.404	12.446	VV	941	13790	0.27%	0.038%
182	12.477	12.446	12.507	VV	916	23699	0.46%	0.066%
183	12.528	12.507	12.579	VV	4378	75011	1.45%	0.208%
184	12.600	12.579	12.641	VV	1125	26152	0.51%	0.072%
185	12.680	12.641	12.751	VV	80890	956684	18.51%	2.647%
186	12.765	12.751	12.783	VV	1245	20003	0.39%	0.055%
187	12.799	12.783	12.834	VV	1089	24707	0.48%	0.068%
188	12.866	12.834	12.901	VV	611	19266	0.37%	0.053%
189	12.915	12.901	12.950	VV	358	8020	0.16%	0.022%
190	12.974	12.950	12.991	VV	437	7472	0.14%	0.021%
191	13.015	12.991	13.044	VV	764	16852	0.33%	0.047%
192	13.072	13.044	13.114	VV	1354	24111	0.47%	0.067%
193	13.145	13.114	13.241	VV	6474	99555	1.93%	0.275%
194	13.284	13.241	13.308	PV	422	6335	0.12%	0.018%

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195	13.332	13.308	13.378	VV	774	17494	0.34%	0.048%
196	13.390	13.378	13.407	VV	309	2879	0.06%	0.008%
197	13.445	13.407	13.464	VV	5004	62097	1.20%	0.172%
198	13.523	13.464	13.558	VV	339422	4011165	77.62%	11.098%
199	13.574	13.558	13.594	VV	275	4164	0.08%	0.012%
200	13.636	13.594	13.658	VV	739	14216	0.28%	0.039%
201	13.689	13.658	13.696	PV	1059	12036	0.23%	0.033%
202	13.713	13.696	13.734	VV	1786	29501	0.57%	0.082%
203	13.756	13.734	13.863	VV	4498	118833	2.30%	0.329%
204	13.915	13.863	13.998	VV	12721	199094	3.85%	0.551%
205	14.033	13.998	14.071	VV	1009	26080	0.50%	0.072%
206	14.101	14.071	14.114	VV	323	6903	0.13%	0.019%
207	14.142	14.114	14.171	VV	745	15128	0.29%	0.042%
208	14.183	14.171	14.204	VV	549	7982	0.15%	0.022%
209	14.225	14.204	14.247	VV	1223	16906	0.33%	0.047%
210	14.274	14.247	14.292	VV	1193	19882	0.38%	0.055%
211	14.312	14.292	14.344	VV	678	16868	0.33%	0.047%
212	14.352	14.344	14.391	VV	427	7980	0.15%	0.022%
213	14.433	14.391	14.450	VV	296	6126	0.12%	0.017%
214	14.466	14.450	14.471	VV	199	2191	0.04%	0.006%
215	14.493	14.471	14.508	VV	360	6138	0.12%	0.017%
216	14.528	14.508	14.558	VV	693	11355	0.22%	0.031%
217	14.568	14.558	14.600	VV	227	2559	0.05%	0.007%
218	14.669	14.600	14.698	VV	2707	44073	0.85%	0.122%
219	14.713	14.698	14.736	VV	1581	20968	0.41%	0.058%
220	14.773	14.736	14.815	VV	887	21289	0.41%	0.059%
221	14.840	14.815	14.868	VV	1725	30018	0.58%	0.083%
222	14.875	14.868	14.888	VV	597	6081	0.12%	0.017%
223	14.912	14.888	14.932	VV	1216	20039	0.39%	0.055%
224	14.942	14.932	14.986	VV	840	16648	0.32%	0.046%
225	15.016	14.986	15.041	VV	1136	14531	0.28%	0.040%
226	15.069	15.041	15.086	VV	1078	18602	0.36%	0.051%
227	15.105	15.086	15.144	VV	2774	35421	0.69%	0.098%
228	15.154	15.144	15.166	VV	191	2058	0.04%	0.006%
229	15.227	15.166	15.260	VV	517	13401	0.26%	0.037%
230	15.279	15.260	15.298	PV	452	5272	0.10%	0.015%
231	15.327	15.298	15.348	VV	3409	42764	0.83%	0.118%
232	15.373	15.348	15.403	VV	4012	65698	1.27%	0.182%
233	15.425	15.403	15.451	VV	1147	16799	0.33%	0.046%
234	15.488	15.451	15.547	VV	808	17129	0.33%	0.047%
235	15.570	15.547	15.604	VV	445	7244	0.14%	0.020%
236	15.628	15.604	15.661	PV	357	8142	0.16%	0.023%
237	15.679	15.661	15.711	VV	360	8937	0.17%	0.025%
238	15.762	15.711	15.834	VV	25451	408754	7.91%	1.131%
239	15.858	15.834	15.876	VV	491	9335	0.18%	0.026%
240	15.903	15.876	15.938	VV	3115	52524	1.02%	0.145%
241	15.984	15.938	16.024	VV	7423	116633	2.26%	0.323%
242	16.038	16.024	16.068	VV	416	6026	0.12%	0.017%
243	16.087	16.068	16.101	VV	172	2590	0.05%	0.007%
244	16.170	16.101	16.203	PV	672	23589	0.46%	0.065%
245	16.222	16.203	16.253	VV	364	7722	0.15%	0.021%
246	16.283	16.253	16.311	VV	1255	21958	0.42%	0.061%

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247	16.323	16.311	16.344	VV	360	5551	0.11%	0.015%
248	16.365	16.344	16.380	VV	665	8472	0.16%	0.023%
249	16.405	16.380	16.434	VV	2813	38151	0.74%	0.106%
250	16.467	16.434	16.517	VV	1528	27444	0.53%	0.076%
251	16.538	16.517	16.556	VV	228	3687	0.07%	0.010%
252	16.610	16.556	16.624	PV	360	9361	0.18%	0.026%
253	16.708	16.624	16.734	VV	2877	50082	0.97%	0.139%
254	16.778	16.734	16.834	VV	13171	225805	4.37%	0.625%
255	16.890	16.834	16.940	VV	6778	117355	2.27%	0.325%
256	16.974	16.940	16.998	VV	3230	48435	0.94%	0.134%
257	17.023	16.998	17.043	VV	833	10939	0.21%	0.030%
258	17.057	17.043	17.067	VV	158	2093	0.04%	0.006%
259	17.088	17.067	17.109	PV	434	5422	0.10%	0.015%
260	17.138	17.109	17.151	VV	407	5994	0.12%	0.017%
261	17.213	17.151	17.237	VV	2016	36403	0.70%	0.101%
262	17.269	17.237	17.306	VV	3531	54716	1.06%	0.151%
263	17.358	17.306	17.382	VV	3485	63186	1.22%	0.175%
264	17.408	17.382	17.426	VV	12182	171142	3.31%	0.474%
265	17.433	17.426	17.464	VV	5627	58906	1.14%	0.163%
266	17.514	17.464	17.544	VV	259	6645	0.13%	0.018%
267	17.625	17.544	17.661	PV	982	25283	0.49%	0.070%
268	17.723	17.661	17.774	VV	12447	215868	4.18%	0.597%
269	17.808	17.774	17.844	VV	8414	124914	2.42%	0.346%
270	17.893	17.844	17.914	VV	1610	27499	0.53%	0.076%
271	17.941	17.914	17.970	VV	651	14012	0.27%	0.039%
272	17.992	17.970	18.011	VV	419	5126	0.10%	0.014%
273	18.035	18.011	18.068	PV	673	11739	0.23%	0.032%
274	18.094	18.068	18.104	VV	393	4168	0.08%	0.012%
275	18.202	18.104	18.220	VV	1774	52699	1.02%	0.146%
276	18.246	18.220	18.281	VV	4845	80321	1.55%	0.222%
277	18.335	18.281	18.364	VV	5211	95976	1.86%	0.266%
278	18.380	18.364	18.391	VV	845	12185	0.24%	0.034%
279	18.410	18.391	18.422	VV	788	13194	0.26%	0.037%
280	18.442	18.422	18.450	VV	788	12024	0.23%	0.033%
281	18.465	18.450	18.531	VV	1989	43260	0.84%	0.120%
282	18.608	18.531	18.647	VV	14803	353051	6.83%	0.977%
283	18.670	18.647	18.708	VV	10605	168919	3.27%	0.467%
284	18.771	18.708	18.791	PV	2382	49308	0.95%	0.136%
285	18.808	18.791	18.848	VV	892	15475	0.30%	0.043%
286	18.898	18.848	18.920	PV	2284	39389	0.76%	0.109%
287	18.977	18.920	18.995	VV	1101	34941	0.68%	0.097%
288	19.033	18.995	19.044	VV	2139	42739	0.83%	0.118%
289	19.076	19.044	19.141	VV	8492	208215	4.03%	0.576%
290	19.180	19.141	19.232	VV	7833	234916	4.55%	0.650%
291	19.253	19.232	19.275	VV	3017	63153	1.22%	0.175%
292	19.297	19.275	19.318	VV	2763	57691	1.12%	0.160%
293	19.383	19.318	19.399	VV	3621	121713	2.36%	0.337%
294	19.445	19.399	19.471	VV	21110	481261	9.31%	1.332%
295	19.494	19.471	19.530	VV	9592	264041	5.11%	0.731%
296	19.572	19.530	19.598	VV	6243	202897	3.93%	0.561%
297	19.629	19.598	19.651	VV	5704	151674	2.93%	0.420%
298	19.683	19.651	19.708	VV	4718	141535	2.74%	0.392%
299	19.735	19.708	19.762	VV	6515	171089	3.31%	0.473%

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300	19.786	19.762	19.804	VV	5867	129324	2.50%	0.358%
301	19.865	19.804	19.894	VV	7271	304271	5.89%	0.842%
302	19.943	19.894	19.956	VV	9634	258583	5.00%	0.715%
303	19.976	19.956	20.009	VV	10970	280137	5.42%	0.775%
304	20.055	20.009	20.074	VV	9265	311035	6.02%	0.861%
305	20.163	20.074	20.183	VV	10067	591619	11.45%	1.637%
306	20.241	20.183	20.306	VV	18081	916611	17.74%	2.536%
307	20.343	20.306	20.358	VV	11709	339507	6.57%	0.939%
308	20.431	20.358	20.450	VV	13352	669005	12.95%	1.851%
309	20.498	20.450	20.518	VV	15199	590241	11.42%	1.633%
310	20.610	20.518	20.664	VV	18231	1424429	27.56%	3.941%
311	20.725	20.664	20.743	VV	17930	813553	15.74%	2.251%
312	20.778	20.743	20.805	VV	22023	709362	13.73%	1.963%
313	20.877	20.805	20.894	VV	18391	976242	18.89%	2.701%
314	20.977	20.894	21.033	VV	20193	1572262	30.42%	4.350%
315	21.043	21.033	21.059	VV	18067	278942	5.40%	0.772%
316	21.087	21.059	21.134	VV	17937	782757	15.15%	2.166%
317	21.146	21.134	21.183	VV	16339	465087	9.00%	1.287%
318	21.208	21.183	21.226	VV	15551	404370	7.82%	1.119%
319	21.237	21.226	21.273	VV	15215	414624	8.02%	1.147%
320	21.297	21.273	21.336	VV	14379	536222	10.38%	1.484%
321	21.388	21.336	21.443	VV	14347	867095	16.78%	2.399%
322	21.471	21.443	21.491	VV	12349	349382	6.76%	0.967%
323	21.500	21.491	21.558	VV	11949	447570	8.66%	1.238%
324	21.619	21.558	21.631	VV	10187	442510	8.56%	1.224%
325	21.707	21.631	21.827	VV	10880	1112596	21.53%	3.078%
326	21.845	21.827	21.958	VV	7380	456324	8.83%	1.263%
327	22.015	21.958	22.024	VV	4292	166744	3.23%	0.461%
328	22.064	22.024	22.084	VV	4219	147097	2.85%	0.407%
329	22.111	22.084	22.201	VV	3698	164587	3.18%	0.455%
330	22.210	22.201	22.238	VV	932	14852	0.29%	0.041%
331	22.242	22.238	22.257	VV	457	2876	0.06%	0.008%

Sum of corrected areas: 36142954

Aliphatic EPH 062725.M Wed Jul 09 07:13:51 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:	07/01/25
Project:	98 Morse Ave Nutley	Date Received:	07/01/25
Client Sample ID:	5	SDG No.:	Q2486
Lab Sample ID:	Q2486-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	74.1
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 16:02	PB168752

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	2.66	J	1	1.23	5.40	mg/kg	FE054743.D
Total EPH	Total EPH	2.66	J		1.23	5.40	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:	07/01/25
Project:	98 Morse Ave Nutley	Date Received:	07/01/25
Client Sample ID:	5	SDG No.:	Q2486
Lab Sample ID:	Q2486-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	74.1
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
FE054743.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		2.66	J	1.23	5.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		10.2		1.59	2.70	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		30.1		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		30.4		40 - 140	61%	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:	Q2486-07	Acq On:	08 Jul 2025 16:02
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FE054743.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.956	319224	2.346	300	ug/ml
Aliphatic C12-C16	6.957	10.409	1038668	7.389	200	ug/ml
Aliphatic C16-C21	10.410	13.786	1412791	9.784	300	ug/ml
Aliphatic C21-C28	13.787	17.458	1457235	10.074	400	ug/ml
Aliphatic C28-C40	17.459	22.482	15692772	113.185	600	ug/ml
Aliphatic EPH	3.323	22.482	19920690	142.778		ug/ml
ortho-Terphenyl (SURR)	12.082	12.082	4945580	30.45		ug/ml
1-chlorooctadecane (SURR)	13.518	13.518	3803294	30.11		ug/ml
Aliphatic C9-C28	3.323	17.458	4227918	29.593	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054743.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 16:02
Operator : YP\AJ
Sample : Q2486-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5

Integration File: autoint1.e
Quant Time: Jul 09 06:39:23 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	4945580	30.454 ug/ml
Spiked Amount 50.000		Recovery =	60.91%
12) S 1-chlorooctadecane (S...	13.518	3803294	30.115 ug/ml
Spiked Amount 50.000		Recovery =	60.23%
Target Compounds			

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

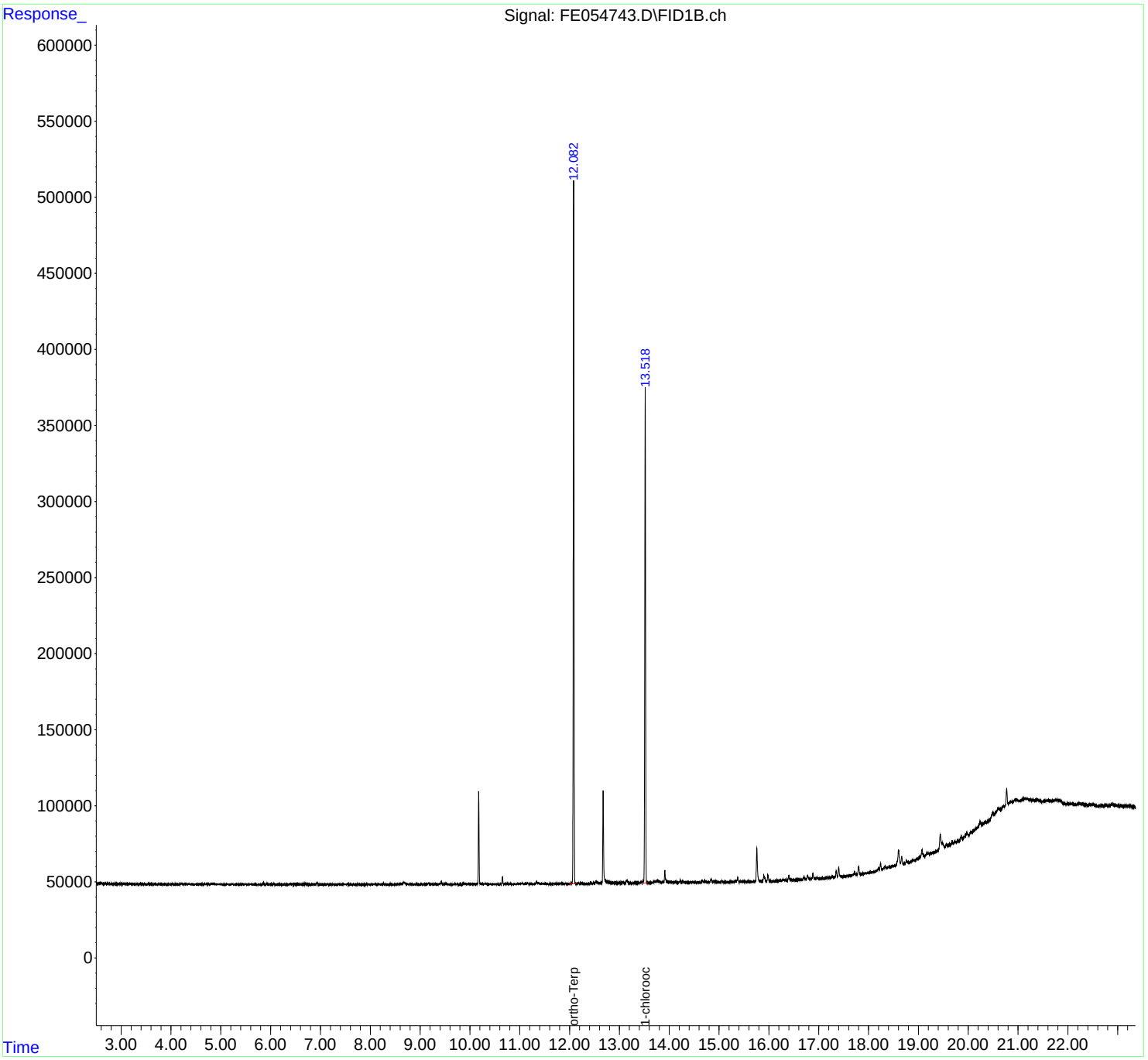
Quantitation Report (QT Reviewed)

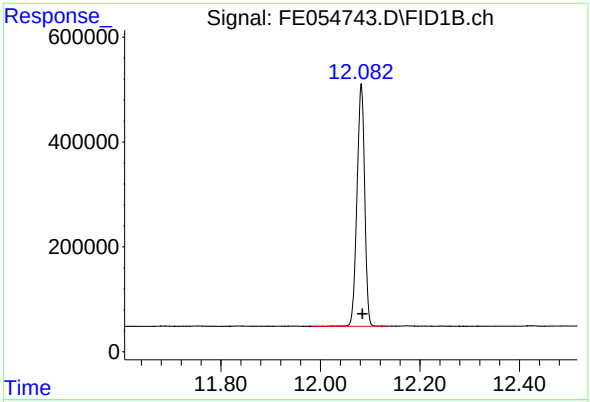
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054743.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 16:02
Operator : YP\AJ
Sample : Q2486-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5

Integration File: autoint1.e
Quant Time: Jul 09 06:39:23 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

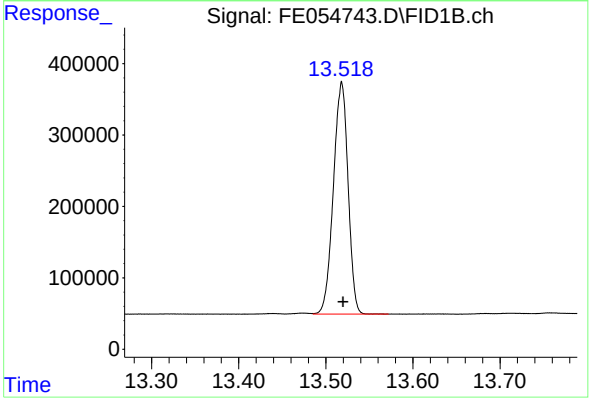




#9 ortho-Terphenyl (SURR)

R.T.: 12.082 min
Delta R.T.: -0.003 min
Response: 4945580
Conc: 30.45 ug/ml

Instrument :
FID_E
ClientSampleId :
5



#12 1-chlorooctadecane (SURR)

R.T.: 13.518 min
Delta R.T.: -0.002 min
Response: 3803294
Conc: 30.11 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
Data File : FE054743.D
Signal(s) : FID1B.ch
Acq On : 08 Jul 2025 16:02
Sample : Q2486-07
Misc :
ALS Vial : 24 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	2.908	2.838	2.918	BV	106	1575	0.03%	0.005%
2	2.935	2.918	2.948	PV	112	1272	0.03%	0.004%
3	2.972	2.948	3.014	VV	147	3801	0.08%	0.013%
4	3.038	3.014	3.048	PV	142	1442	0.03%	0.005%
5	3.056	3.048	3.062	VV	113	583	0.01%	0.002%
6	3.081	3.062	3.131	VV	111	3247	0.07%	0.011%
7	3.138	3.131	3.155	VV	57	521	0.01%	0.002%
8	3.161	3.155	3.201	VV	99	1828	0.04%	0.006%
9	3.212	3.201	3.222	VV	140	1123	0.02%	0.004%
10	3.299	3.222	3.368	PV	154	6956	0.14%	0.024%
11	3.382	3.368	3.401	VV	92	1384	0.03%	0.005%
12	3.414	3.401	3.444	VV	138	2063	0.04%	0.007%
13	3.464	3.444	3.473	VV	112	1109	0.02%	0.004%
14	3.537	3.473	3.591	VV	296	7700	0.16%	0.027%
15	3.598	3.591	3.698	VV	125	4748	0.10%	0.017%
16	3.706	3.698	3.731	VV	104	1249	0.03%	0.004%
17	3.736	3.731	3.761	VV	84	873	0.02%	0.003%
18	3.784	3.761	3.800	VV	124	1740	0.04%	0.006%
19	3.815	3.800	3.824	VV	74	765	0.02%	0.003%
20	3.838	3.824	3.858	VV	149	1440	0.03%	0.005%
21	3.862	3.858	3.901	VV	130	1422	0.03%	0.005%
22	3.912	3.901	3.949	VV	63	1336	0.03%	0.005%
23	3.969	3.949	3.975	PV	91	678	0.01%	0.002%
24	4.001	3.975	4.055	VV	132	3143	0.06%	0.011%
25	4.076	4.055	4.101	VV	142	1794	0.04%	0.006%
26	4.135	4.101	4.145	VV	153	2123	0.04%	0.007%
27	4.152	4.145	4.184	VV	159	1618	0.03%	0.006%
28	4.207	4.184	4.262	VV	793	10316	0.21%	0.036%
29	4.323	4.262	4.435	VV	254	13987	0.28%	0.049%
30	4.449	4.435	4.468	VV	187	2793	0.06%	0.010%
31	4.476	4.468	4.502	VV	144	2874	0.06%	0.010%
32	4.534	4.502	4.606	VV	234	7408	0.15%	0.026%
33	4.642	4.606	4.653	VV	181	3260	0.07%	0.011%
34	4.679	4.653	4.715	VV	290	6337	0.13%	0.022%
35	4.734	4.715	4.758	VV	172	3653	0.07%	0.013%
36	4.848	4.758	4.891	VV	658	24392	0.49%	0.085%

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37	4.897	4.891	4.922	VV	199	3203	0.06%	0.011%
38	4.943	4.922	4.953	VV	238	2968	0.06%	0.010%
39	4.970	4.953	5.028	VV	133	4818	0.10%	0.017%
40	5.051	5.028	5.076	VV	148	3656	0.07%	0.013%
41	5.092	5.076	5.115	VV	167	3566	0.07%	0.012%
42	5.120	5.115	5.134	VV	174	1509	0.03%	0.005%
43	5.147	5.134	5.178	VV	186	2858	0.06%	0.010%
44	5.188	5.178	5.208	VV	141	1808	0.04%	0.006%
45	5.216	5.208	5.223	VV	120	870	0.02%	0.003%
46	5.231	5.223	5.261	VV	147	1956	0.04%	0.007%
47	5.299	5.261	5.311	VV	122	2851	0.06%	0.010%
48	5.338	5.311	5.371	VV	231	5077	0.10%	0.018%
49	5.397	5.371	5.414	VV	166	2312	0.05%	0.008%
50	5.424	5.414	5.432	PV	147	954	0.02%	0.003%
51	5.454	5.432	5.478	VV	135	2108	0.04%	0.007%
52	5.501	5.478	5.531	VV	143	2825	0.06%	0.010%
53	5.555	5.531	5.588	VV	114	1989	0.04%	0.007%
54	5.626	5.588	5.691	VV	497	7967	0.16%	0.028%
55	5.702	5.691	5.735	VV	119	1844	0.04%	0.006%
56	5.741	5.735	5.815	VV	107	2460	0.05%	0.009%
57	5.822	5.815	5.833	VV	94	1083	0.02%	0.004%
58	5.855	5.833	5.908	VV	1582	22590	0.46%	0.079%
59	5.931	5.908	5.985	VV	499	9028	0.18%	0.031%
60	5.992	5.985	6.005	VV	146	1782	0.04%	0.006%
61	6.014	6.005	6.030	VV	396	2583	0.05%	0.009%
62	6.072	6.030	6.104	VV	227	6345	0.13%	0.022%
63	6.115	6.104	6.175	VV	117	3480	0.07%	0.012%
64	6.190	6.175	6.256	VV	157	4337	0.09%	0.015%
65	6.265	6.256	6.309	VV	114	2356	0.05%	0.008%
66	6.368	6.309	6.385	VV	366	8178	0.17%	0.028%
67	6.394	6.385	6.464	VV	316	10742	0.22%	0.037%
68	6.482	6.464	6.538	VV	372	10818	0.22%	0.038%
69	6.559	6.538	6.599	VV	325	7789	0.16%	0.027%
70	6.629	6.599	6.671	VV	275	8034	0.16%	0.028%
71	6.692	6.671	6.759	VV	764	15847	0.32%	0.055%
72	6.774	6.759	6.791	VV	247	3518	0.07%	0.012%
73	6.802	6.791	6.808	VV	208	1746	0.04%	0.006%
74	6.815	6.808	6.850	VV	241	4919	0.10%	0.017%
75	6.861	6.850	6.890	VV	232	4335	0.09%	0.015%
76	6.930	6.890	6.959	VV	1725	21910	0.44%	0.076%
77	6.967	6.959	7.045	VV	251	7774	0.16%	0.027%
78	7.066	7.045	7.081	VV	144	1977	0.04%	0.007%
79	7.093	7.081	7.128	VV	174	2699	0.05%	0.009%
80	7.133	7.128	7.174	VV	111	2531	0.05%	0.009%
81	7.183	7.174	7.201	PV	108	1043	0.02%	0.004%
82	7.256	7.201	7.292	VV	161	3272	0.07%	0.011%
83	7.319	7.292	7.337	PV	266	3864	0.08%	0.013%
84	7.359	7.337	7.376	VV	231	4055	0.08%	0.014%
85	7.397	7.376	7.430	VV	277	6177	0.12%	0.022%
86	7.440	7.430	7.505	VV	222	5792	0.12%	0.020%
87	7.536	7.505	7.571	VV	581	9620	0.19%	0.034%
88	7.583	7.571	7.635	VV	160	3042	0.06%	0.011%
89	7.655	7.635	7.669	VV	189	2204	0.04%	0.008%

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90	7.687	7.669	7.712	VV	257	3404	0.07%	0.012%
91	7.718	7.712	7.761	VV	146	3189	0.06%	0.011%
92	7.769	7.761	7.776	VV	130	1150	0.02%	0.004%
93	7.795	7.776	7.812	VV	152	2649	0.05%	0.009%
94	7.820	7.812	7.850	VV	120	1831	0.04%	0.006%
95	7.865	7.850	7.898	VV	110	1904	0.04%	0.007%
96	7.925	7.898	7.966	VV	238	4622	0.09%	0.016%
97	7.975	7.966	7.997	VV	62	1050	0.02%	0.004%
98	8.028	7.997	8.078	PV	327	6331	0.13%	0.022%
99	8.097	8.078	8.134	VV	582	7555	0.15%	0.026%
100	8.146	8.134	8.168	VV	93	1376	0.03%	0.005%
101	8.234	8.168	8.251	VV	436	10803	0.22%	0.038%
102	8.266	8.251	8.289	VV	777	9676	0.20%	0.034%
103	8.299	8.289	8.356	VV	286	6233	0.13%	0.022%
104	8.367	8.356	8.381	VV	157	1477	0.03%	0.005%
105	8.408	8.381	8.431	VV	208	4343	0.09%	0.015%
106	8.457	8.431	8.488	VV	188	5083	0.10%	0.018%
107	8.495	8.488	8.505	VV	154	1717	0.03%	0.006%
108	8.521	8.505	8.547	VV	266	4880	0.10%	0.017%
109	8.581	8.547	8.623	VV	557	13845	0.28%	0.048%
110	8.678	8.623	8.769	VV	1707	50915	1.03%	0.177%
111	8.776	8.769	8.793	VV	155	2118	0.04%	0.007%
112	8.816	8.793	8.849	VV	255	6273	0.13%	0.022%
113	8.888	8.849	8.908	VV	204	3994	0.08%	0.014%
114	8.922	8.908	8.989	VV	320	6189	0.12%	0.022%
115	9.030	8.989	9.044	VV	141	3169	0.06%	0.011%
116	9.067	9.044	9.106	VV	248	5542	0.11%	0.019%
117	9.125	9.106	9.141	VV	239	3943	0.08%	0.014%
118	9.166	9.141	9.220	VV	742	17677	0.36%	0.062%
119	9.228	9.220	9.248	VV	237	3060	0.06%	0.011%
120	9.258	9.248	9.269	VV	198	2004	0.04%	0.007%
121	9.306	9.269	9.354	VV	464	11676	0.24%	0.041%
122	9.422	9.354	9.458	VV	1592	34277	0.69%	0.119%
123	9.474	9.458	9.495	VV	396	7744	0.16%	0.027%
124	9.520	9.495	9.645	VV	649	21943	0.44%	0.076%
125	9.702	9.645	9.759	VV	240	9719	0.20%	0.034%
126	9.801	9.759	9.843	VV	168	4880	0.10%	0.017%
127	9.865	9.843	9.887	VV	549	10462	0.21%	0.036%
128	9.903	9.887	9.938	VV	478	11243	0.23%	0.039%
129	9.978	9.938	10.005	VV	356	10276	0.21%	0.036%
130	10.041	10.005	10.051	VV	263	5373	0.11%	0.019%
131	10.087	10.051	10.109	VV	653	8668	0.17%	0.030%
132	10.176	10.109	10.214	VV	60205	618261	12.48%	2.153%
133	10.239	10.214	10.274	VV	358	9590	0.19%	0.033%
134	10.304	10.274	10.349	VV	702	14764	0.30%	0.051%
135	10.357	10.349	10.388	VV	188	2961	0.06%	0.010%
136	10.409	10.388	10.437	VV	252	4779	0.10%	0.017%
137	10.451	10.437	10.538	VV	177	5011	0.10%	0.017%
138	10.542	10.538	10.593	VV	101	2027	0.04%	0.007%
139	10.606	10.593	10.621	PV	129	1246	0.03%	0.004%
140	10.653	10.621	10.680	VV	5039	54994	1.11%	0.192%
141	10.697	10.680	10.720	VV	295	5355	0.11%	0.019%

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142	10.745	10.720	10.798	VV	439	12754	0.26%	0.044%
143	10.831	10.798	10.858	VV	192	5426	0.11%	0.019%
144	10.871	10.858	10.910	VV	204	3739	0.08%	0.013%
145	10.954	10.910	10.981	VV	498	9827	0.20%	0.034%
146	11.001	10.981	11.018	VV	418	6323	0.13%	0.022%
147	11.046	11.018	11.085	VV	896	14823	0.30%	0.052%
148	11.116	11.085	11.125	VV	345	6037	0.12%	0.021%
149	11.150	11.125	11.214	VV	606	17103	0.35%	0.060%
150	11.240	11.214	11.257	VV	262	5789	0.12%	0.020%
151	11.272	11.257	11.292	VV	255	4769	0.10%	0.017%
152	11.332	11.292	11.378	VV	1556	36528	0.74%	0.127%
153	11.387	11.378	11.408	VV	688	8300	0.17%	0.029%
154	11.444	11.408	11.475	VV	456	13978	0.28%	0.049%
155	11.482	11.475	11.489	VV	320	2532	0.05%	0.009%
156	11.494	11.489	11.516	VV	314	3935	0.08%	0.014%
157	11.524	11.516	11.548	VV	196	2959	0.06%	0.010%
158	11.559	11.548	11.566	VV	178	1246	0.03%	0.004%
159	11.573	11.566	11.604	VV	148	2136	0.04%	0.007%
160	11.616	11.604	11.661	VV	127	2606	0.05%	0.009%
161	11.685	11.661	11.713	PV	520	7743	0.16%	0.027%
162	11.755	11.713	11.804	VV	653	13636	0.28%	0.047%
163	11.834	11.804	11.869	VV	520	10727	0.22%	0.037%
164	11.882	11.869	11.895	VV	180	2175	0.04%	0.008%
165	11.916	11.895	11.935	VV	334	4115	0.08%	0.014%
166	11.951	11.935	11.984	VV	365	4963	0.10%	0.017%
167	12.082	11.984	12.131	VV	459849	4953635	100.00%	17.252%
168	12.175	12.131	12.197	VV	836	17145	0.35%	0.060%
169	12.209	12.197	12.227	VV	370	5048	0.10%	0.018%
170	12.241	12.227	12.294	VV	397	5380	0.11%	0.019%
171	12.361	12.294	12.391	PV	249	6148	0.12%	0.021%
172	12.425	12.391	12.448	VV	819	13345	0.27%	0.046%
173	12.494	12.448	12.508	VV	518	12785	0.26%	0.045%
174	12.529	12.508	12.625	VV	1523	46869	0.95%	0.163%
175	12.673	12.625	12.746	VV	60811	735149	14.84%	2.560%
176	12.762	12.746	12.778	VV	1267	20521	0.41%	0.071%
177	12.794	12.778	12.867	VV	1110	38328	0.77%	0.133%
178	12.879	12.867	12.943	VV	620	18097	0.37%	0.063%
179	12.960	12.943	12.978	VV	371	5146	0.10%	0.018%
180	13.010	12.978	13.048	VV	632	14451	0.29%	0.050%
181	13.068	13.048	13.112	VV	942	18160	0.37%	0.063%
182	13.153	13.112	13.211	VV	1751	44654	0.90%	0.156%
183	13.220	13.211	13.261	VV	190	3246	0.07%	0.011%
184	13.292	13.261	13.305	VV	278	5615	0.11%	0.020%
185	13.320	13.305	13.351	VV	398	8785	0.18%	0.031%
186	13.367	13.351	13.405	VV	218	5876	0.12%	0.020%
187	13.439	13.405	13.454	VV	933	14639	0.30%	0.051%
188	13.474	13.454	13.484	VV	1462	18231	0.37%	0.063%
189	13.518	13.484	13.589	VV	323267	3815925	77.03%	13.290%
190	13.631	13.589	13.655	VV	279	6514	0.13%	0.023%
191	13.684	13.655	13.695	VV	917	11628	0.23%	0.040%
192	13.712	13.695	13.741	VV	1246	27000	0.55%	0.094%
193	13.758	13.741	13.792	VV	1746	37229	0.75%	0.130%
194	13.801	13.792	13.861	VV	945	25817	0.52%	0.090%

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195	13.880	13.861	13.892	VV	1120	13563	0.27%	0.047%
196	13.912	13.892	14.002	VV	8337	131624	2.66%	0.458%
197	14.011	14.002	14.075	VV	554	17868	0.36%	0.062%
198	14.087	14.075	14.096	VV	297	3617	0.07%	0.013%
199	14.131	14.096	14.168	VV	541	12869	0.26%	0.045%
200	14.221	14.168	14.246	VV	1830	29909	0.60%	0.104%
201	14.270	14.246	14.335	VV	1256	25485	0.51%	0.089%
202	14.368	14.335	14.411	VV	284	9577	0.19%	0.033%
203	14.432	14.411	14.445	VV	225	3626	0.07%	0.013%
204	14.459	14.445	14.471	VV	270	2768	0.06%	0.010%
205	14.507	14.471	14.538	VV	315	9157	0.18%	0.032%
206	14.551	14.538	14.577	VV	127	2678	0.05%	0.009%
207	14.665	14.577	14.689	VV	1238	23953	0.48%	0.083%
208	14.708	14.689	14.740	VV	1081	16056	0.32%	0.056%
209	14.762	14.740	14.809	VV	354	10061	0.20%	0.035%
210	14.839	14.809	14.881	VV	2317	42844	0.86%	0.149%
211	14.899	14.881	14.924	VV	949	16548	0.33%	0.058%
212	14.937	14.924	14.988	VV	413	9413	0.19%	0.033%
213	15.006	14.988	15.028	VV	194	2626	0.05%	0.009%
214	15.057	15.028	15.098	VV	1156	15667	0.32%	0.055%
215	15.115	15.098	15.130	VV	177	1510	0.03%	0.005%
216	15.155	15.130	15.171	VV	167	3074	0.06%	0.011%
217	15.185	15.171	15.194	VV	155	1616	0.03%	0.006%
218	15.224	15.194	15.265	VV	455	8567	0.17%	0.030%
219	15.277	15.265	15.301	VV	149	1429	0.03%	0.005%
220	15.332	15.301	15.350	PV	1048	18935	0.38%	0.066%
221	15.376	15.350	15.403	VV	3158	45766	0.92%	0.159%
222	15.421	15.403	15.448	VV	558	7441	0.15%	0.026%
223	15.480	15.448	15.525	VV	265	5707	0.12%	0.020%
224	15.573	15.525	15.608	VV	302	5084	0.10%	0.018%
225	15.637	15.608	15.654	VV	208	3148	0.06%	0.011%
226	15.686	15.654	15.700	VV	140	2856	0.06%	0.010%
227	15.758	15.700	15.838	VV	21974	338356	6.83%	1.178%
228	15.858	15.838	15.871	VV	221	3244	0.07%	0.011%
229	15.900	15.871	15.941	VV	3613	70881	1.43%	0.247%
230	15.981	15.941	16.028	VV	4007	58605	1.18%	0.204%
231	16.036	16.028	16.065	VV	168	2262	0.05%	0.008%
232	16.087	16.065	16.099	VV	91	973	0.02%	0.003%
233	16.164	16.099	16.183	PV	259	6139	0.12%	0.021%
234	16.219	16.183	16.241	VV	393	8760	0.18%	0.031%
235	16.279	16.241	16.306	VV	855	18495	0.37%	0.064%
236	16.315	16.306	16.338	VV	353	5043	0.10%	0.018%
237	16.362	16.338	16.375	VV	364	6017	0.12%	0.021%
238	16.400	16.375	16.438	VV	3554	51262	1.03%	0.179%
239	16.460	16.438	16.509	VV	378	10191	0.21%	0.035%
240	16.540	16.509	16.551	VV	174	2893	0.06%	0.010%
241	16.592	16.551	16.638	VV	352	8033	0.16%	0.028%
242	16.704	16.638	16.729	PV	1755	26143	0.53%	0.091%
243	16.775	16.729	16.825	VV	2543	50390	1.02%	0.175%
244	16.885	16.825	16.941	VV	3997	62379	1.26%	0.217%
245	16.969	16.941	16.995	PV	984	13333	0.27%	0.046%
246	17.023	16.995	17.035	VV	168	2500	0.05%	0.009%

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247	17.088	17.035	17.111	VV	322	5395	0.11%	0.019%
248	17.189	17.111	17.218	PV	319	11273	0.23%	0.039%
249	17.264	17.218	17.288	VV	538	10486	0.21%	0.037%
250	17.352	17.288	17.377	VV	3896	60588	1.22%	0.211%
251	17.402	17.377	17.448	VV	6367	92735	1.87%	0.323%
252	17.490	17.448	17.501	VV	187	3640	0.07%	0.013%
253	17.510	17.501	17.531	VV	173	1443	0.03%	0.005%
254	17.621	17.531	17.654	PV	399	11448	0.23%	0.040%
255	17.720	17.654	17.766	PV	1670	38365	0.77%	0.134%
256	17.802	17.766	17.835	VV	5184	75577	1.53%	0.263%
257	17.890	17.835	17.909	PV	366	4611	0.09%	0.016%
258	18.090	17.909	18.108	VV	264	6523	0.13%	0.023%
259	18.197	18.108	18.214	PV	1525	30265	0.61%	0.105%
260	18.241	18.214	18.271	VV	4730	67747	1.37%	0.236%
261	18.331	18.271	18.365	VV	1792	43255	0.87%	0.151%
262	18.404	18.365	18.417	VV	573	11922	0.24%	0.042%
263	18.437	18.417	18.447	VV	596	8095	0.16%	0.028%
264	18.485	18.447	18.500	VV	875	17935	0.36%	0.062%
265	18.520	18.500	18.538	VV	421	6894	0.14%	0.024%
266	18.602	18.538	18.642	PV	10334	234678	4.74%	0.817%
267	18.666	18.642	18.701	VV	5451	83440	1.68%	0.291%
268	18.762	18.701	18.788	PV	1880	29900	0.60%	0.104%
269	18.798	18.788	18.807	VV	216	1863	0.04%	0.006%
270	19.073	18.807	19.130	PV	5432	156272	3.15%	0.544%
271	19.174	19.130	19.191	VV	2535	52380	1.06%	0.182%
272	19.203	19.191	19.224	VV	1777	27687	0.56%	0.096%
273	19.245	19.224	19.271	VV	1309	27853	0.56%	0.097%
274	19.440	19.271	19.526	VV	11524	466082	9.41%	1.623%
275	19.568	19.526	19.588	VV	3089	97810	1.97%	0.341%
276	19.630	19.588	19.647	VV	2595	82065	1.66%	0.286%
277	19.679	19.647	19.703	VV	4376	101894	2.06%	0.355%
278	19.735	19.703	19.757	VV	2870	84939	1.71%	0.296%
279	19.782	19.757	19.801	VV	3157	74036	1.49%	0.258%
280	19.861	19.801	19.888	VV	5580	191747	3.87%	0.668%
281	19.940	19.888	19.948	VV	5053	149935	3.03%	0.522%
282	19.975	19.948	20.008	VV	6558	195070	3.94%	0.679%
283	20.053	20.008	20.073	VV	6083	211332	4.27%	0.736%
284	20.160	20.073	20.173	VV	7116	387895	7.83%	1.351%
285	20.239	20.173	20.280	VV	11077	552998	11.16%	1.926%
286	20.338	20.280	20.358	VV	9127	403094	8.14%	1.404%
287	20.493	20.358	20.514	VV	13862	981203	19.81%	3.417%
288	20.604	20.514	20.634	VV	15316	990702	20.00%	3.450%
289	20.773	20.634	20.806	VV	26253	1713061	34.58%	5.966%
290	20.851	20.806	20.868	VV	16751	602004	12.15%	2.097%
291	20.971	20.868	21.025	VV	16988	1548889	31.27%	5.394%
292	21.137	21.025	21.148	VV	15597	1152561	23.27%	4.014%
293	21.158	21.148	21.283	VV	15263	1134928	22.91%	3.953%
294	21.300	21.283	21.333	VV	12764	373915	7.55%	1.302%
295	21.381	21.333	21.443	VV	12163	759022	15.32%	2.644%
296	21.450	21.443	21.470	VV	10372	166537	3.36%	0.580%
297	21.515	21.470	21.558	VV	9620	501989	10.13%	1.748%
298	21.599	21.558	21.615	VV	9176	313363	6.33%	1.091%
299	21.628	21.615	21.681	VV	8814	331263	6.69%	1.154%

rteres

300	21.775	21.681	21.811	VV	7628	580732	11.72%	2.023%
301	21.835	21.811	21.949	VV	6601	398858	8.05%	1.389%
302	21.992	21.949	22.033	VV	2682	121887	2.46%	0.425%
303	22.047	22.033	22.094	VV	1849	56964	1.15%	0.198%
304	22.101	22.094	22.161	VV	1215	24204	0.49%	0.084%

Sum of corrected areas: 28712603

Aliphatic EPH 062725.M Wed Jul 09 07:14:28 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

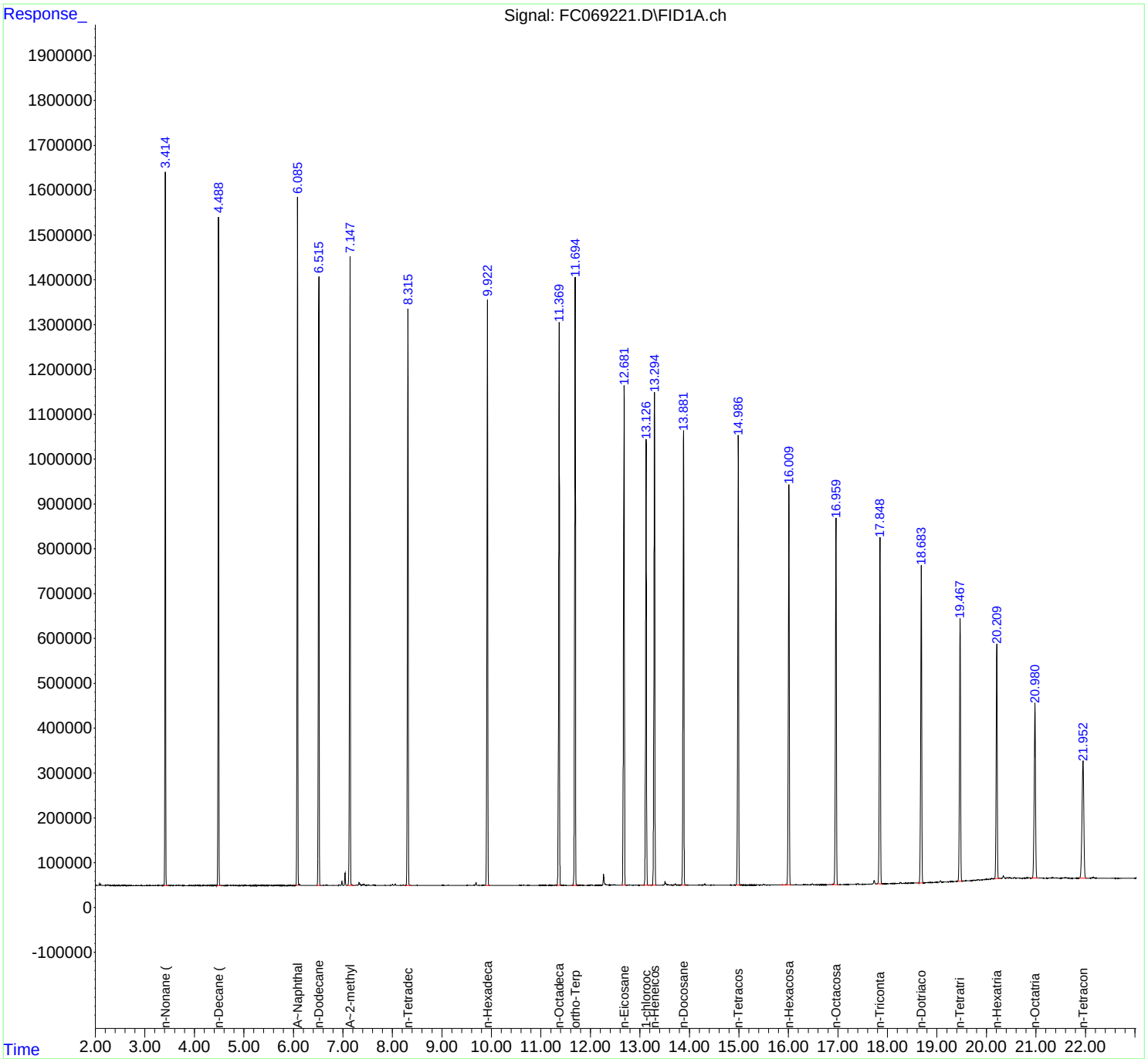
(f)=RT Delta > 1/2 Window (m)=manual int.

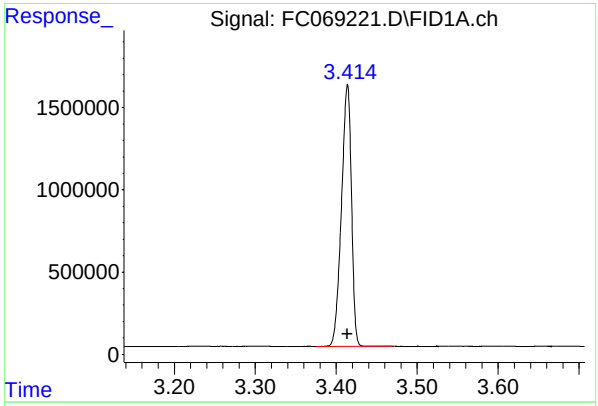
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069221.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 11:17
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

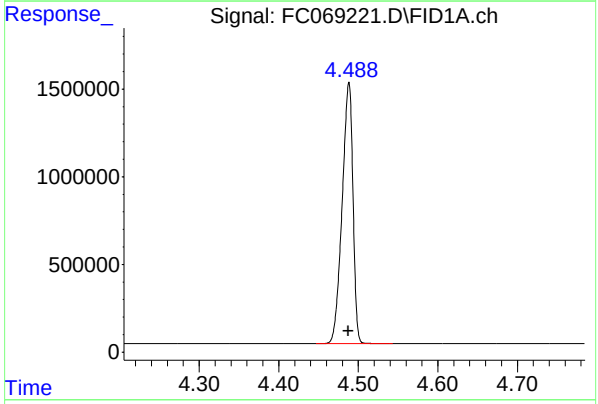




#1 n-Nonane (C9)

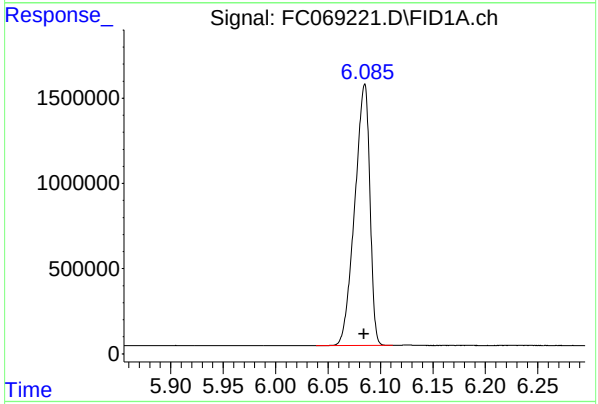
R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 13645652
Conc: 99.31 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



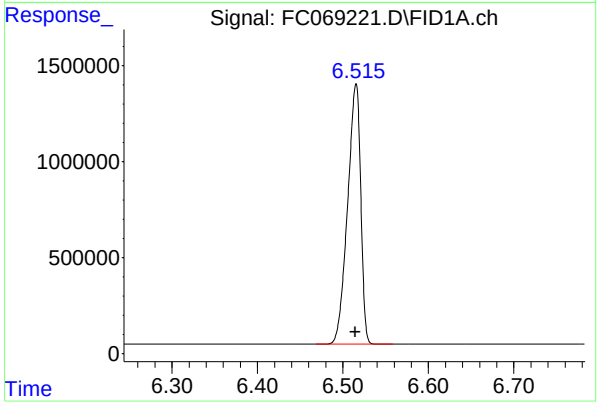
#2 n-Decane (C10)

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



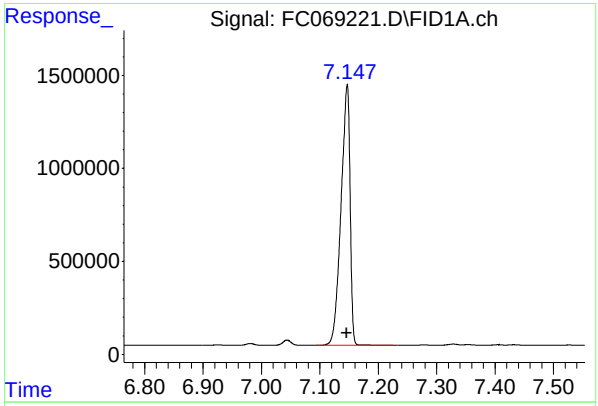
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

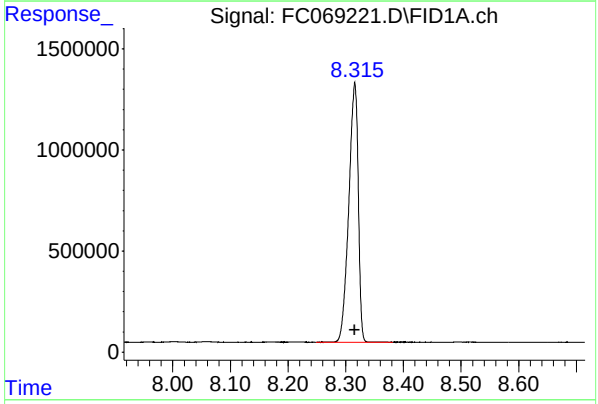
R.T.: 6.515 min
Delta R.T.: 0.000 min
Response: 14484449
Conc: 98.89 ug/ml



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

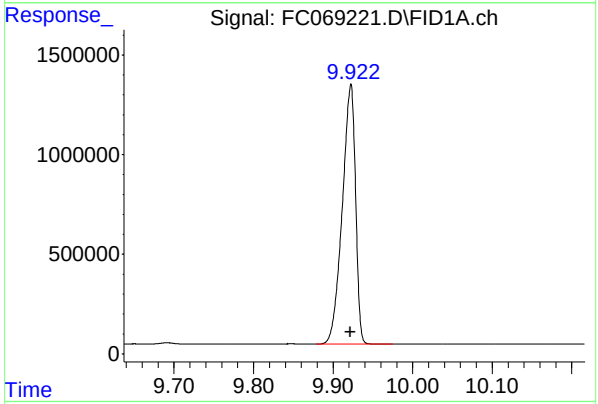
R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 15098330
Conc: 98.80 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



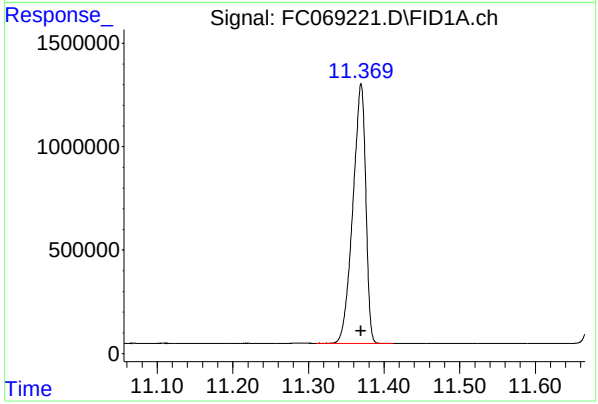
#6 n-Tetradecane (C14)

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



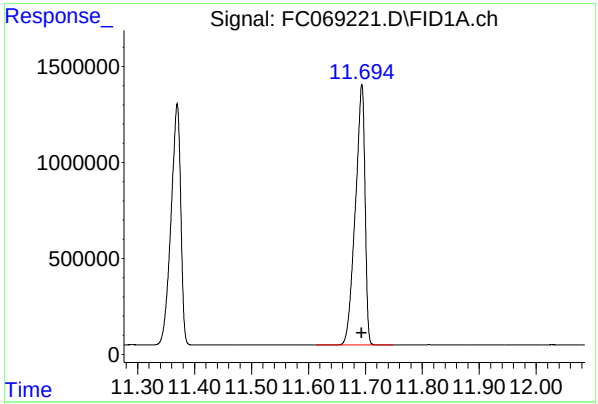
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

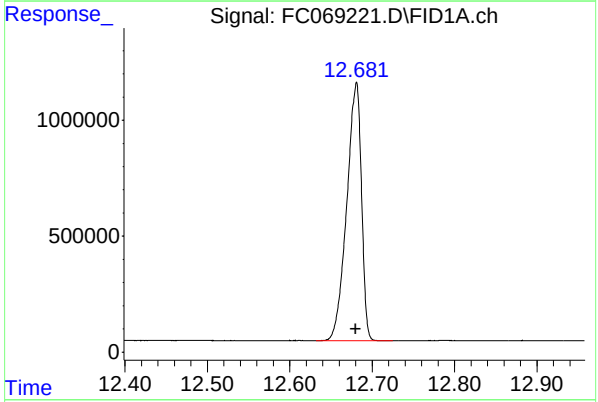
R.T.: 11.369 min
Delta R.T.: 0.000 min
Response: 14862064
Conc: 96.16 ug/ml



#9 ortho-Terphenyl (SURR)

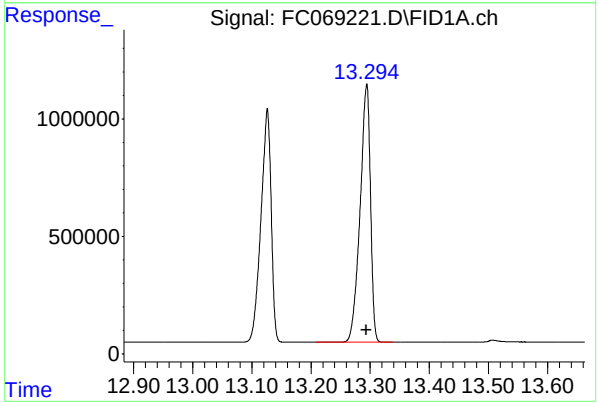
R.T.: 11.693 min
Delta R.T.: 0.000 min
Response: 15986001
Conc: 97.18 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



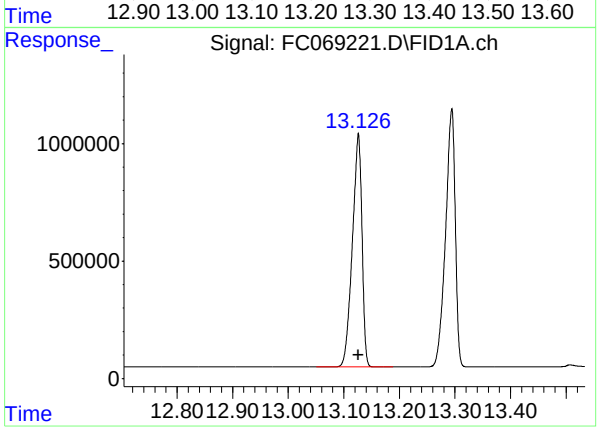
#10 n-Eicosane (C20)

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



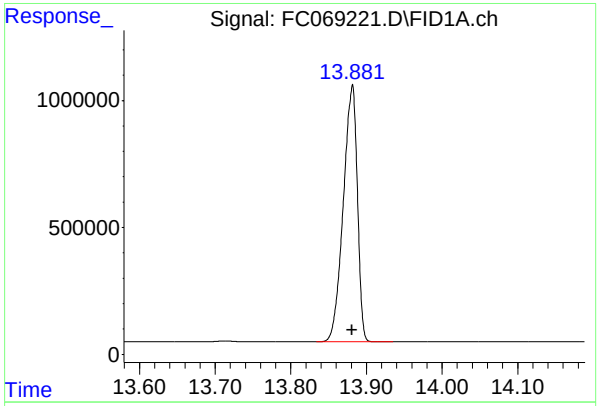
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

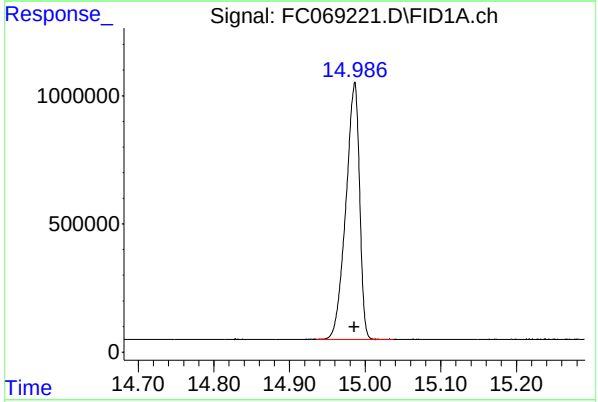
R.T.: 13.126 min
Delta R.T.: 0.000 min
Response: 11916196
Conc: 96.43 ug/ml



#13 n-Docosane (C22)

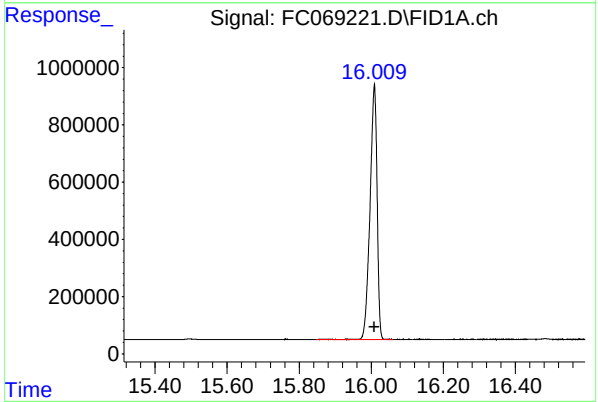
R.T.: 13.881 min
Delta R.T.: 0.000 min
Response: 13057210
Conc: 96.17 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



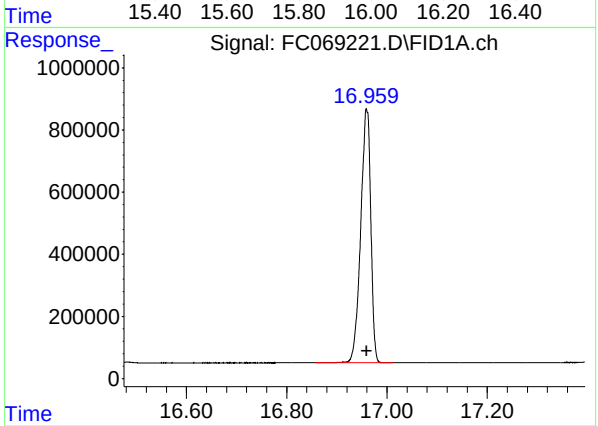
#14 n-Tetracosane (C24)

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



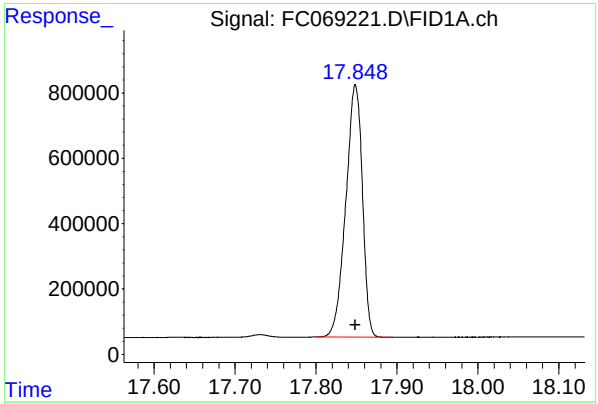
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

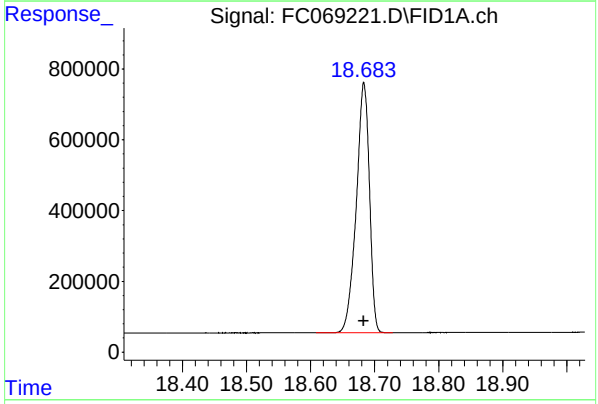
R.T.: 16.960 min
Delta R.T.: 0.000 min
Response: 11408319
Conc: 97.34 ug/ml



#17 n-Tricontane (C30)

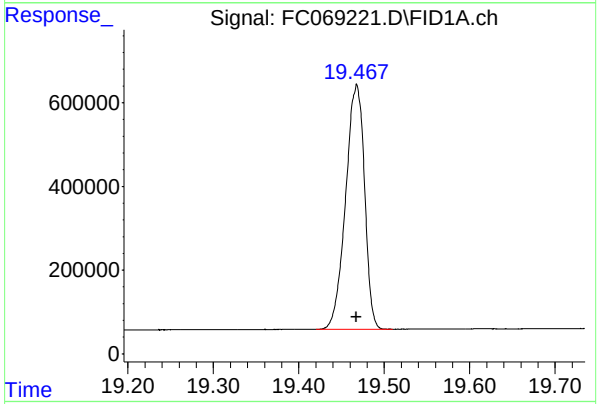
R.T.: 17.849 min
Delta R.T.: 0.000 min
Response: 10984628
Conc: 97.40 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



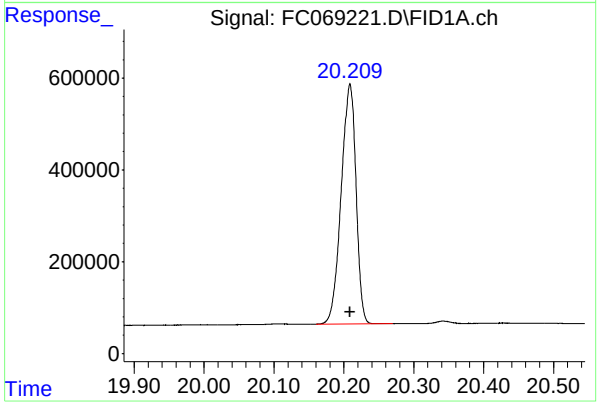
#18 n-Dotriacontane (C32)

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



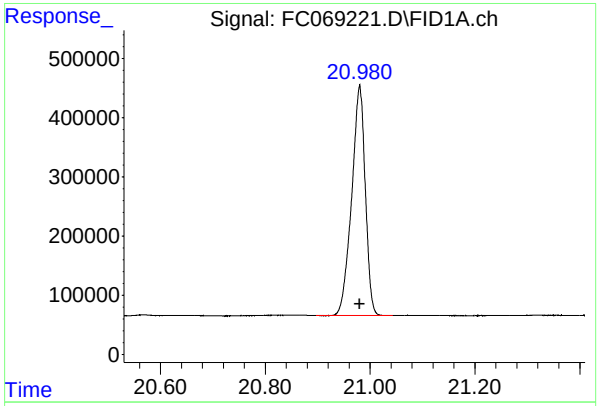
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

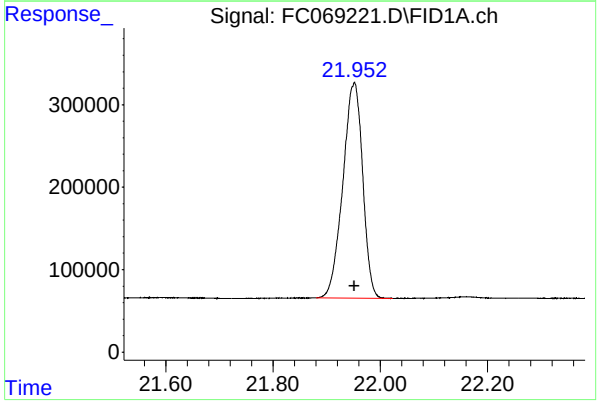
R.T.: 20.209 min
Delta R.T.: 0.000 min
Response: 7711070
Conc: 98.56 ug/ml



#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.

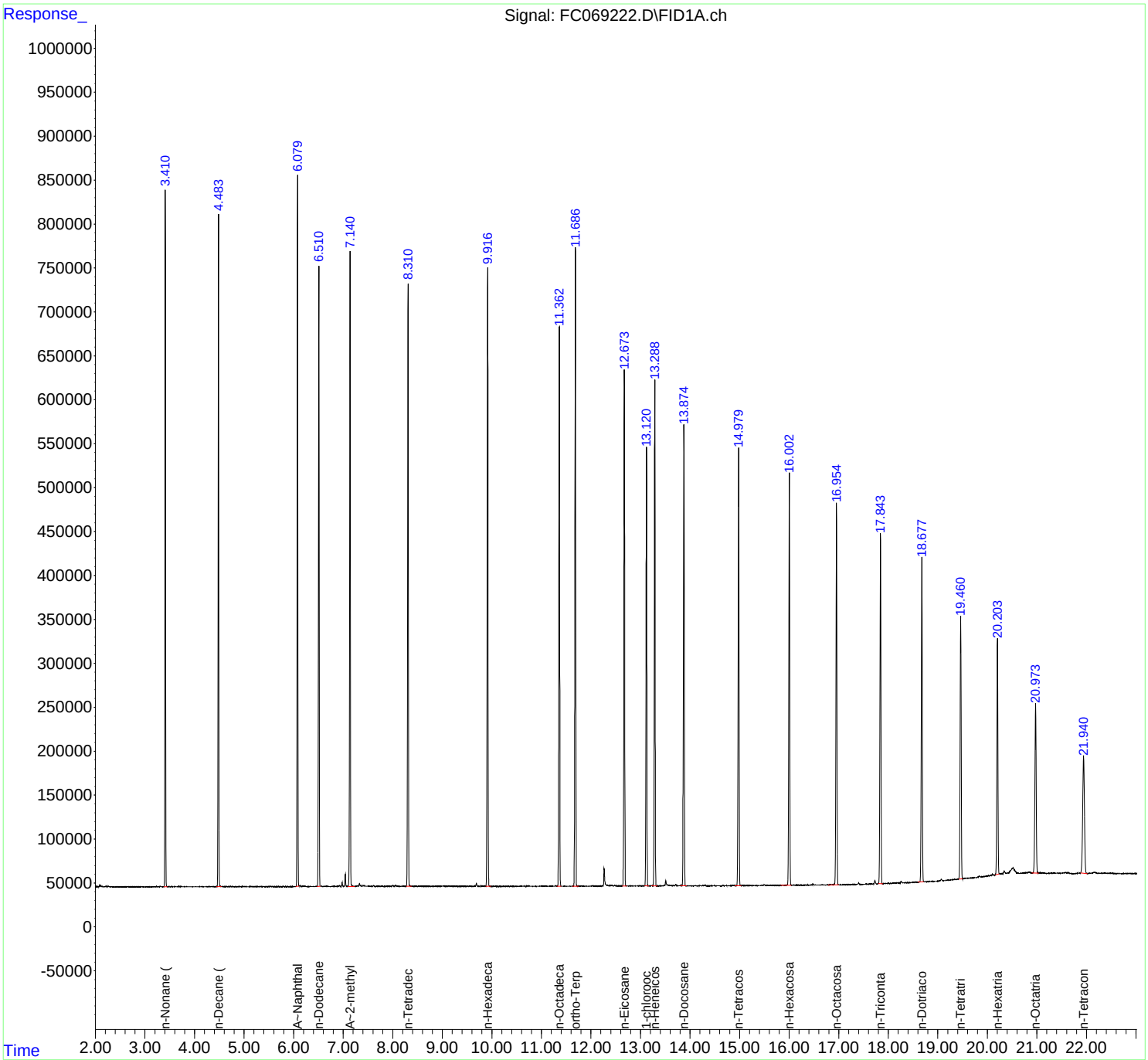
Quantitation Report (QT Reviewed)

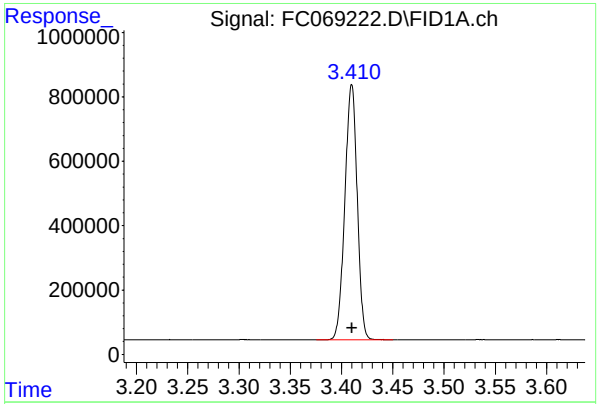
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069222.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 11:58
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

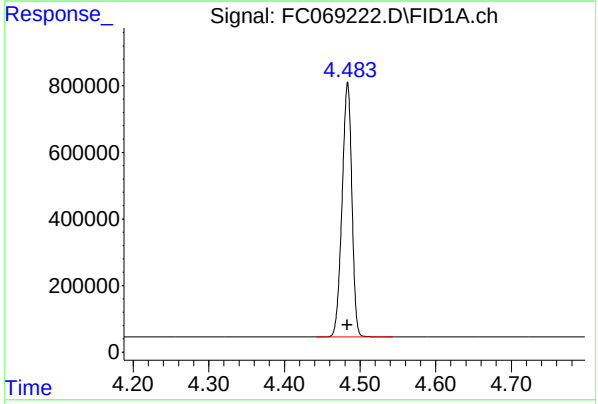




#1 n-Nonane (C9)

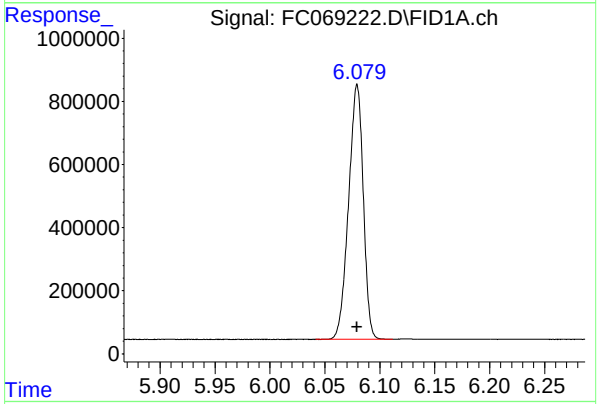
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 6643725
Conc: 48.89 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



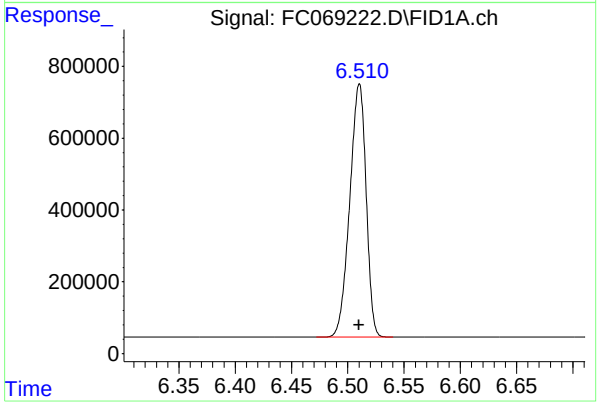
#2 n-Decane (C10)

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



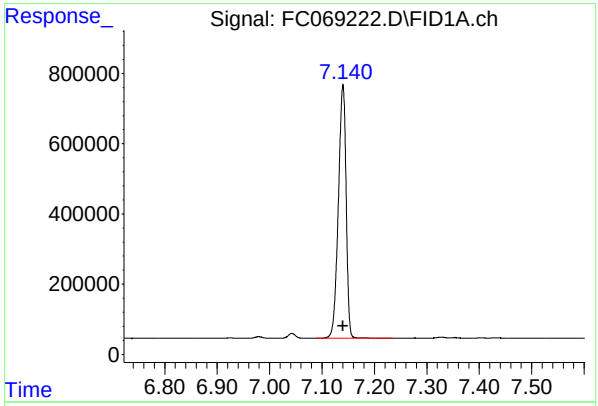
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

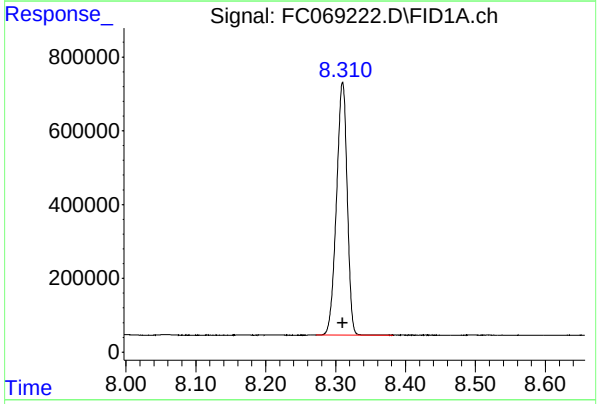
R.T.: 6.510 min
Delta R.T.: 0.000 min
Response: 7130717
Conc: 49.11 ug/ml



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

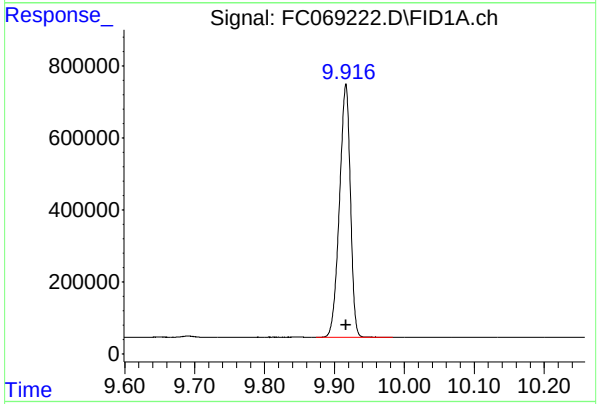
R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 7422117
Conc: 49.04 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



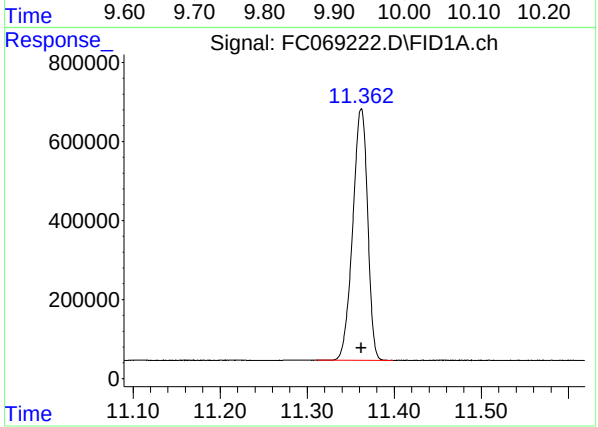
#6 n-Tetradecane (C14)

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



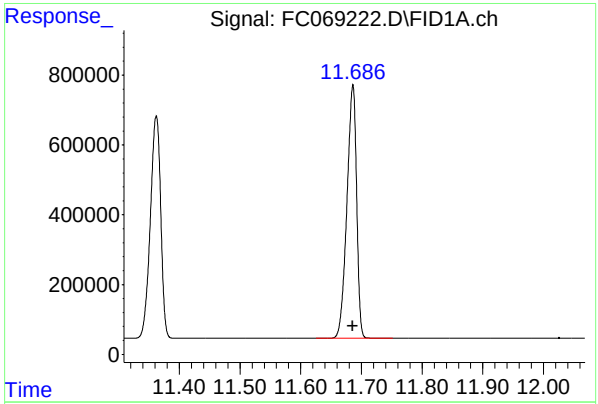
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

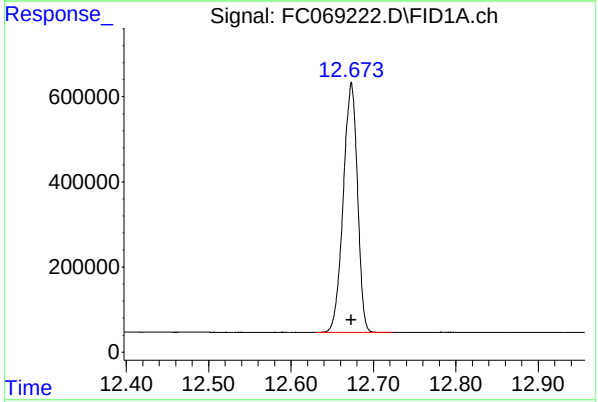
R.T.: 11.362 min
Delta R.T.: 0.000 min
Response: 7565304
Conc: 49.29 ug/ml



#9 ortho-Terphenyl (SURR)

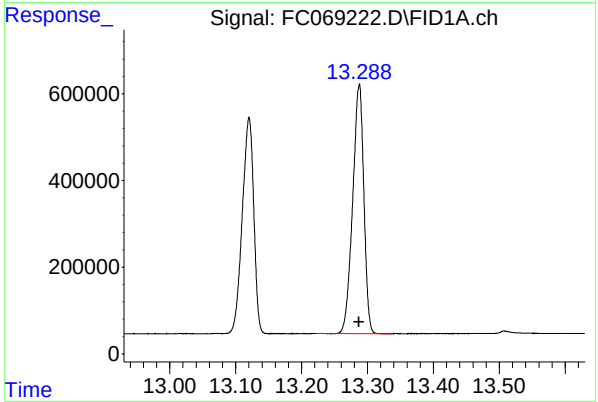
R.T.: 11.686 min
Delta R.T.: 0.000 min
Response: 8035113
Conc: 49.22 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



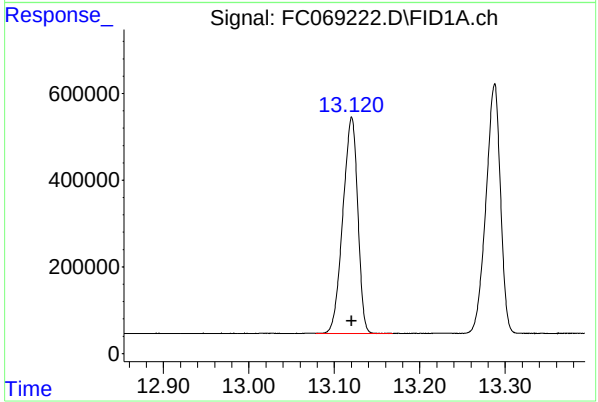
#10 n-Eicosane (C20)

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



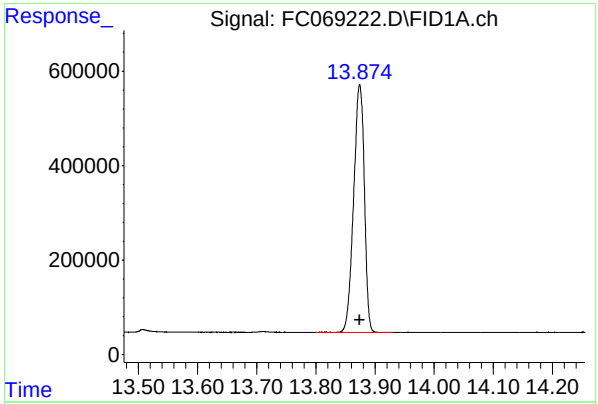
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

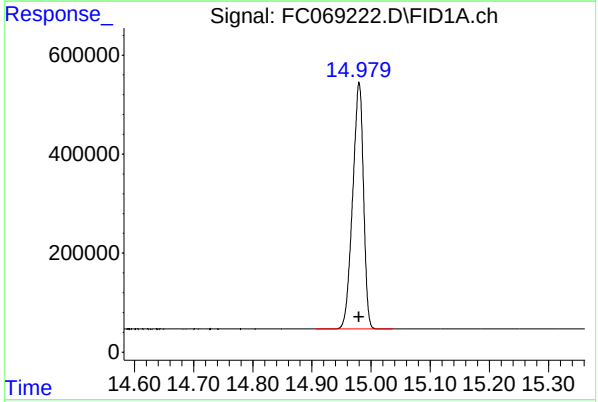
R.T.: 13.120 min
Delta R.T.: 0.000 min
Response: 6029490
Conc: 49.19 ug/ml



#13 n-Docosane (C22)

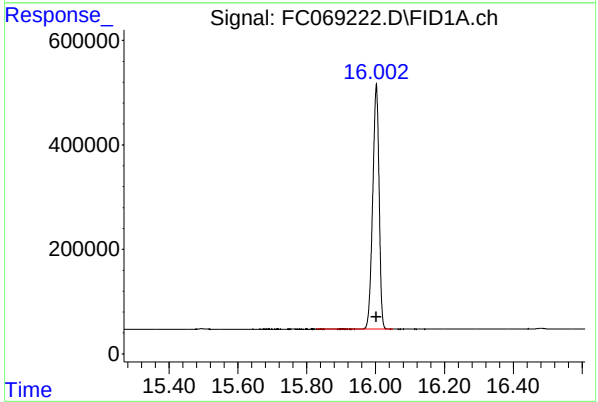
R.T.: 13.874 min
Delta R.T.: 0.000 min
Response: 6604673
Conc: 49.09 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



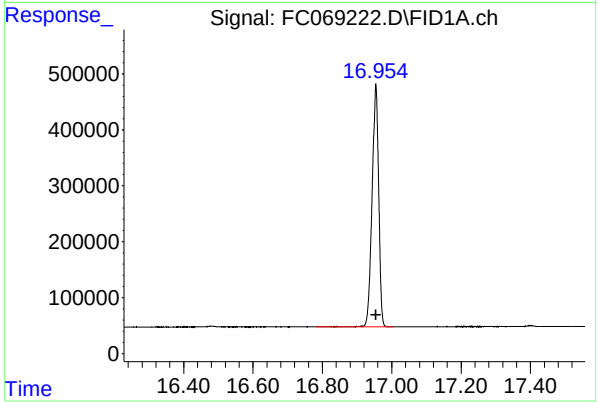
#14 n-Tetracosane (C24)

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



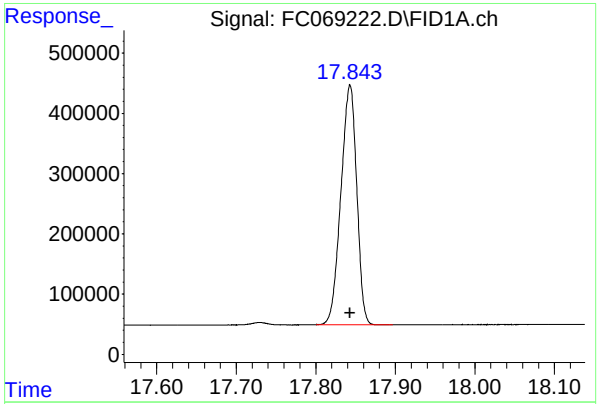
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

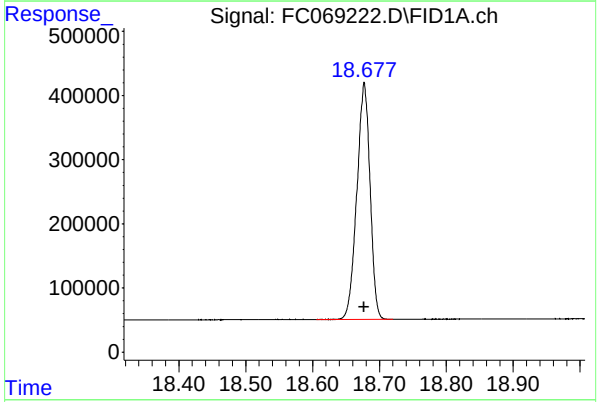
R.T.: 16.954 min
Delta R.T.: 0.000 min
Response: 5708418
Conc: 49.13 ug/ml



#17 n-Tricontane (C30)

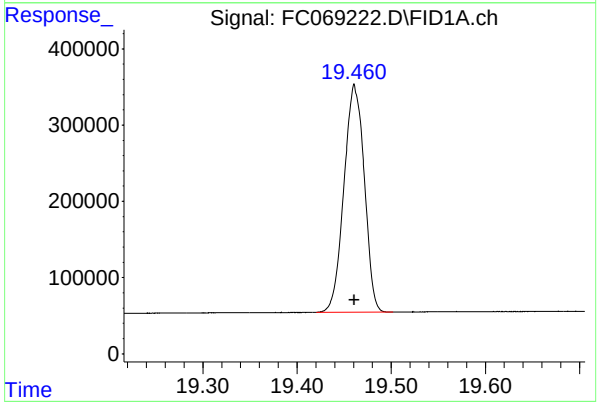
R.T.: 17.843 min
Delta R.T.: 0.000 min
Response: 5495136
Conc: 49.14 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



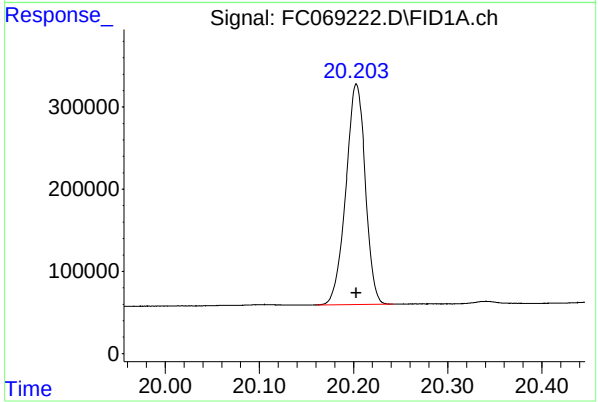
#18 n-Dotriacontane (C32)

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



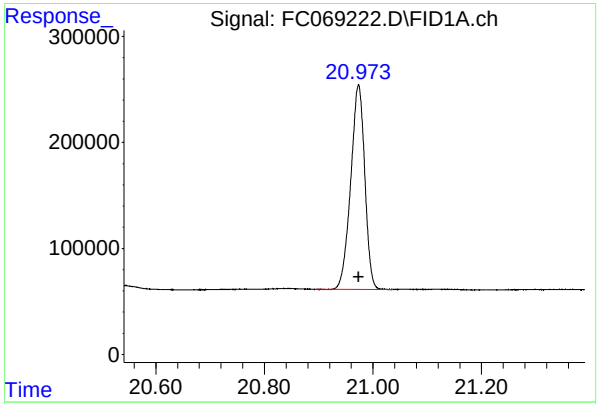
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

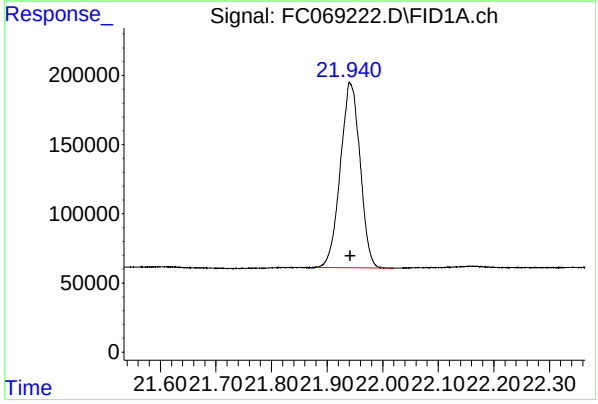
R.T.: 20.203 min
Delta R.T.: 0.000 min
Response: 3834019
Conc: 49.33 ug/ml



#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.

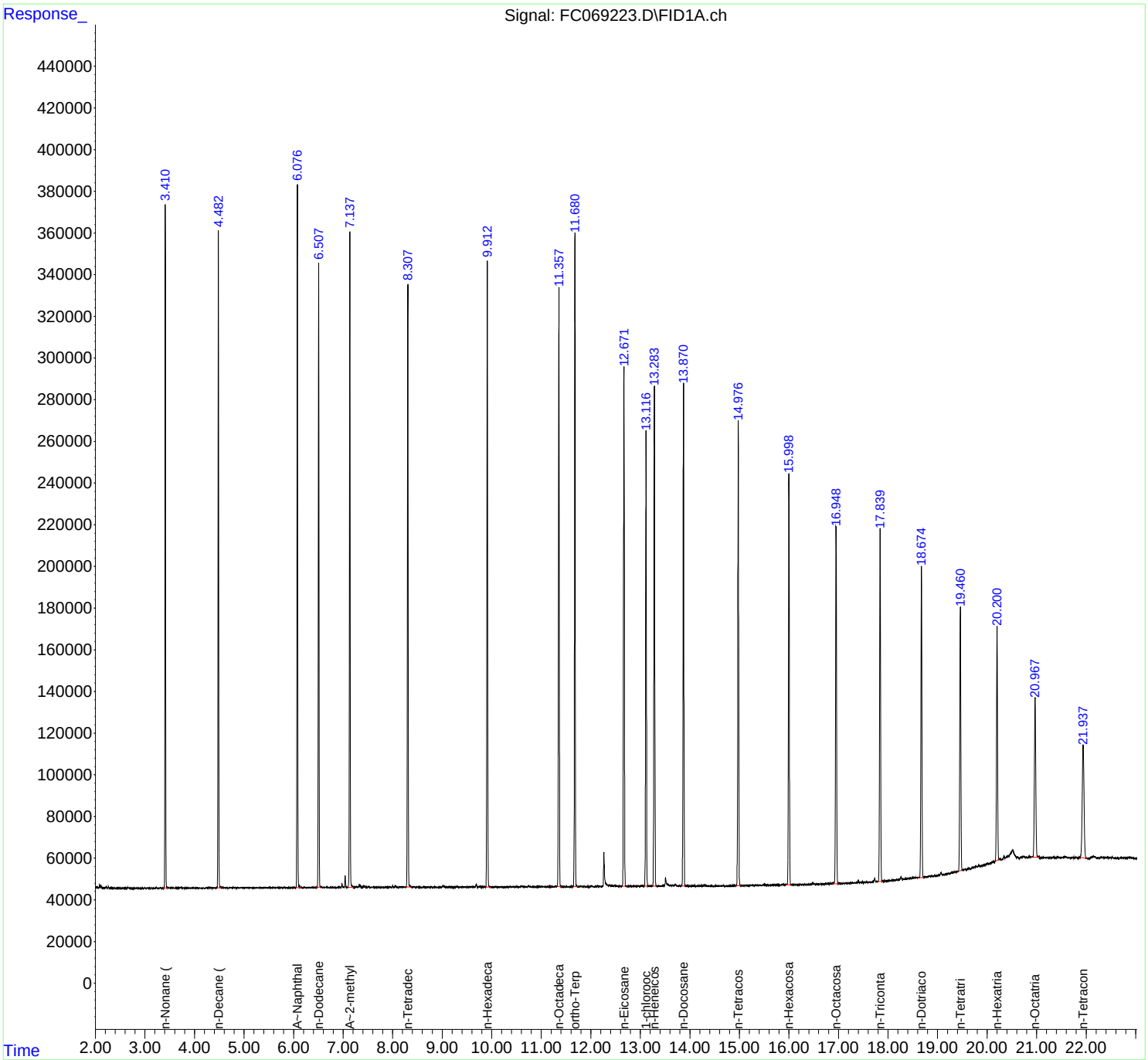
Quantitation Report (QT Reviewed)

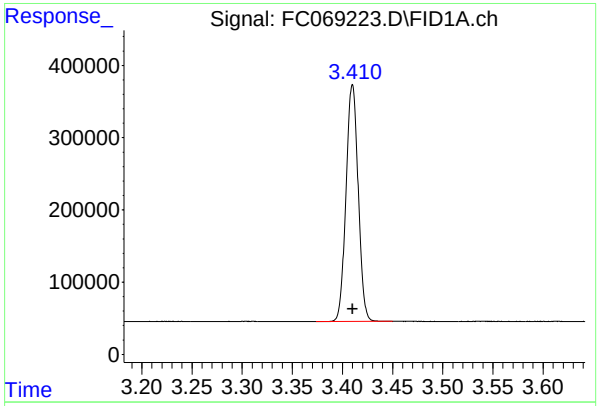
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069223.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 12:39
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

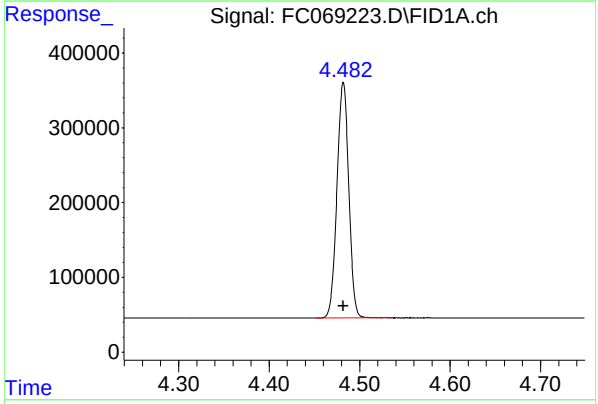




#1 n-Nonane (C9)

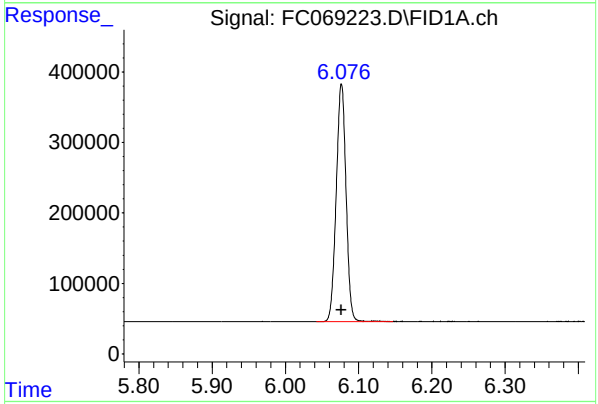
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 2767240
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



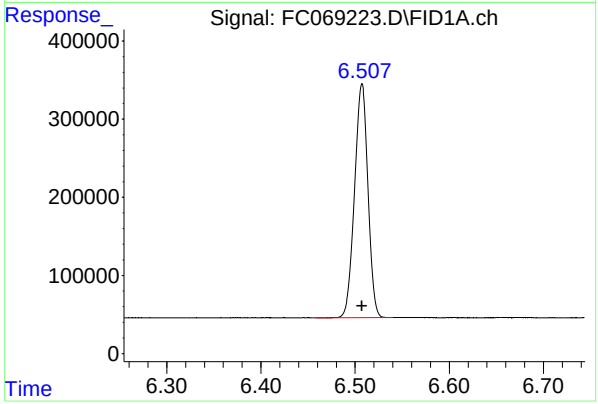
#2 n-Decane (C10)

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



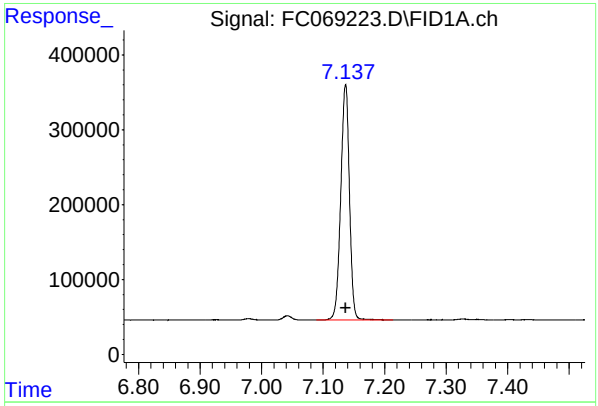
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

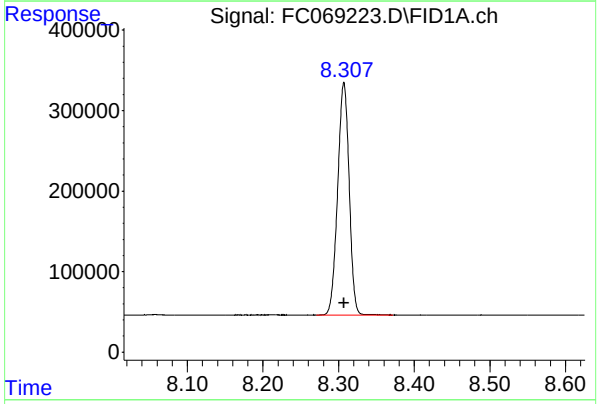
R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 2962169
Conc: 20.00 ug/ml



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

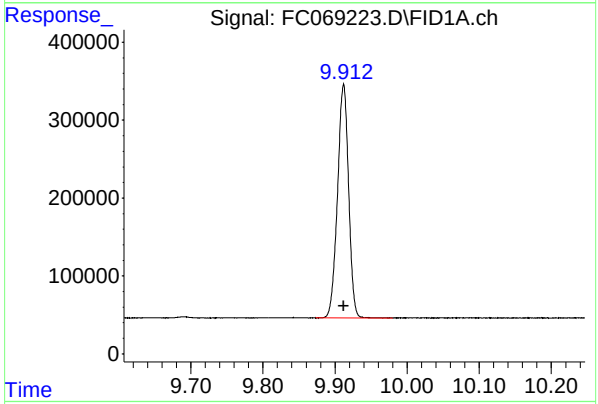
R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 3092803
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



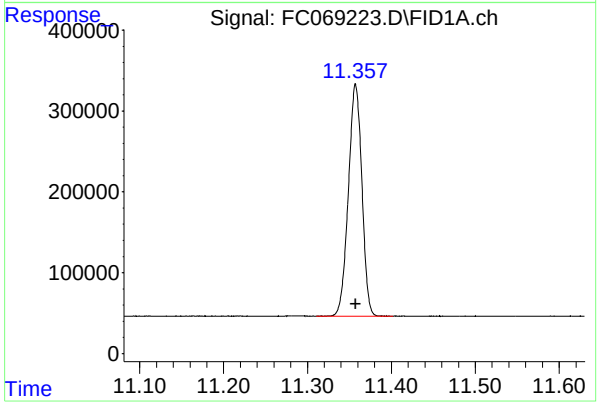
#6 n-Tetradecane (C14)

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



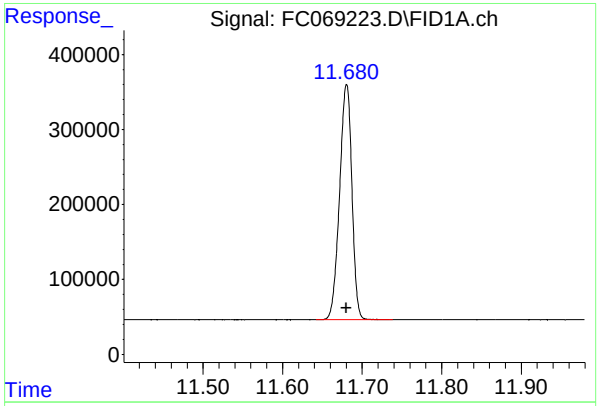
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

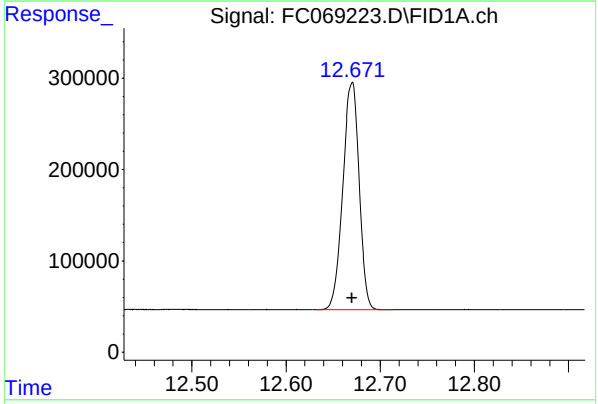
R.T.: 11.357 min
Delta R.T.: 0.000 min
Response: 3209683
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

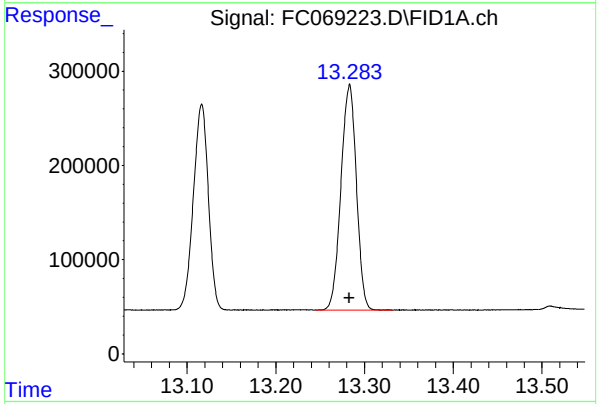
R.T.: 11.680 min
Delta R.T.: 0.000 min
Response: 3382762
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



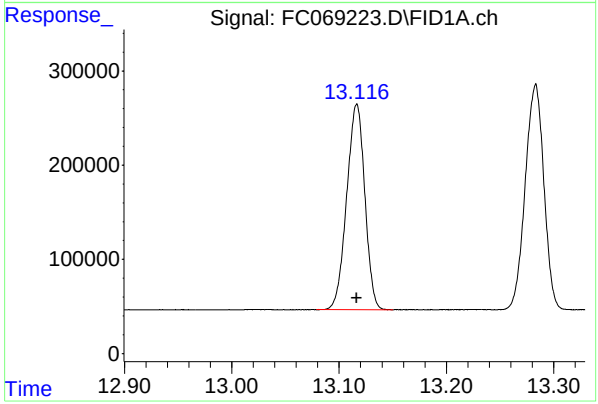
#10 n-Eicosane (C20)

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



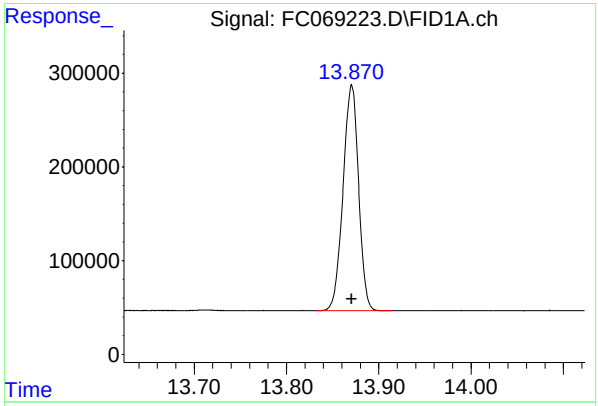
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

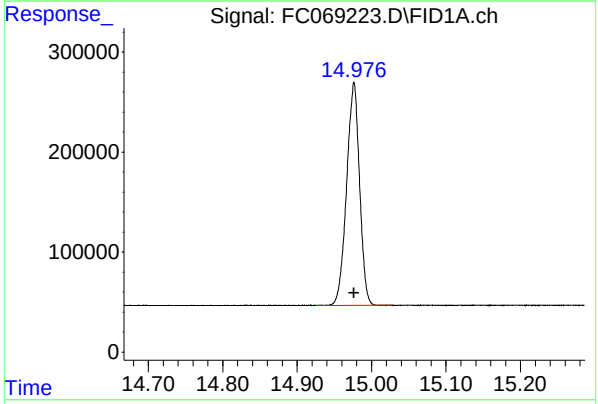
R.T.: 13.116 min
Delta R.T.: 0.000 min
Response: 2559732
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

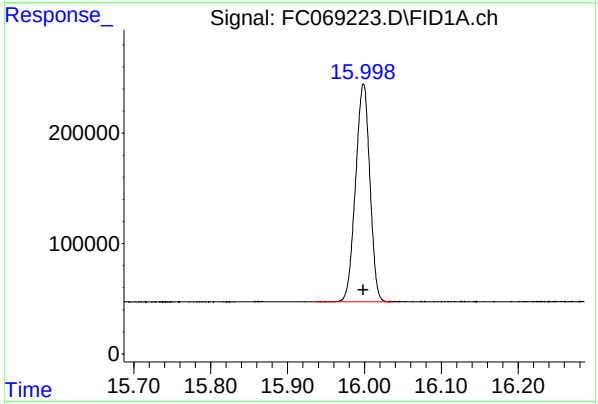
R.T.: 13.871 min
Delta R.T.: 0.000 min
Response: 2819173
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



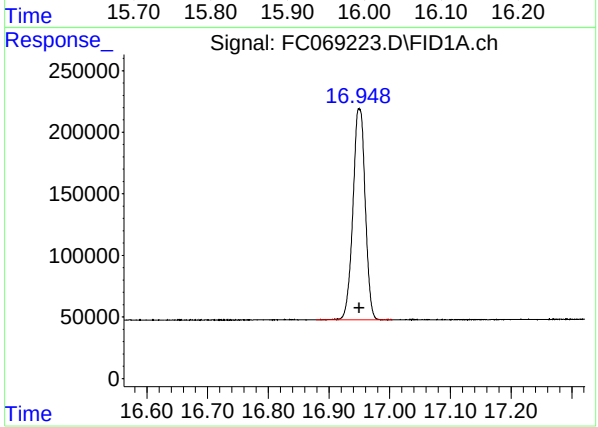
#14 n-Tetracosane (C24)

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



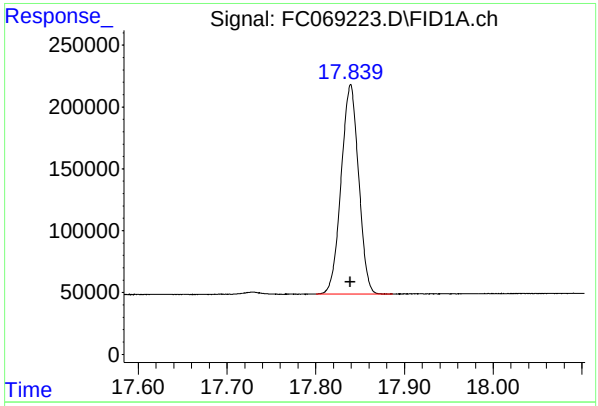
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

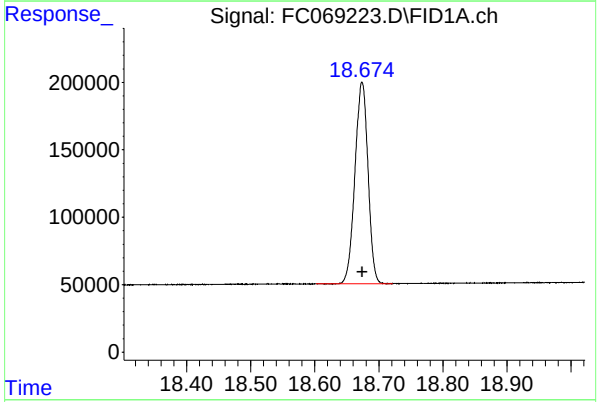
R.T.: 16.950 min
Delta R.T.: 0.000 min
Response: 2406490
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

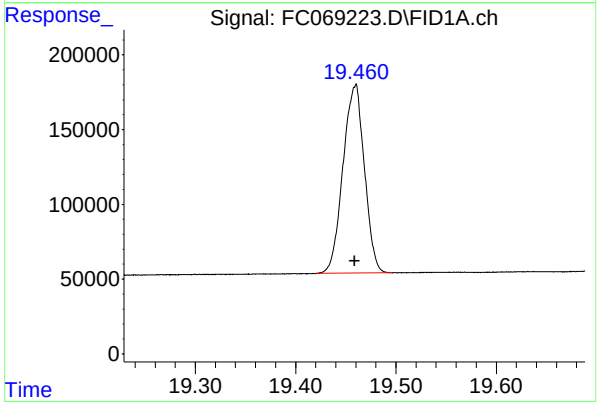
R.T.: 17.839 min
Delta R.T.: 0.000 min
Response: 2314105
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



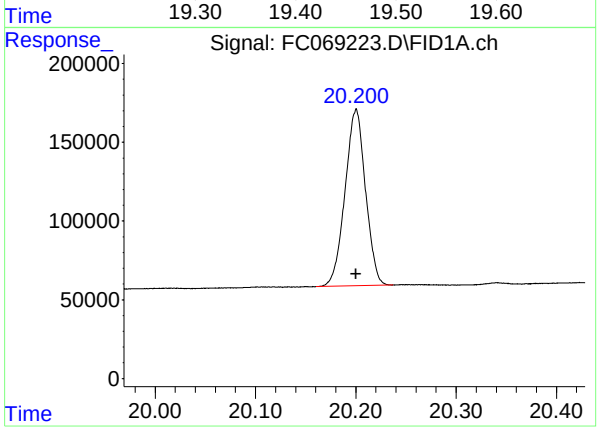
#18 n-Dotriacontane (C32)

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



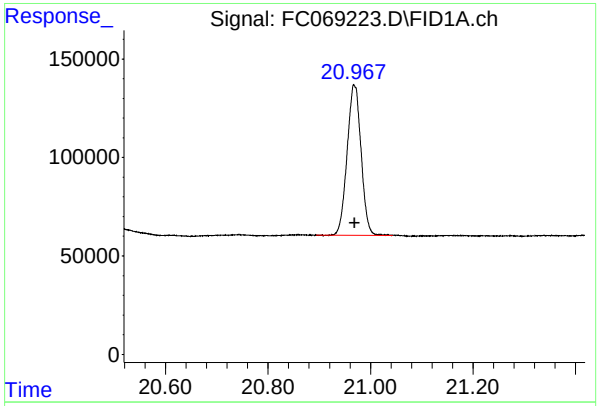
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

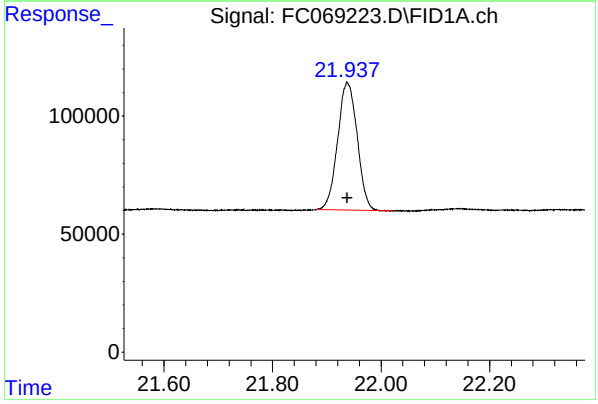
R.T.: 20.200 min
Delta R.T.: 0.000 min
Response: 1587141
Conc: 20.00 ug/ml



#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.

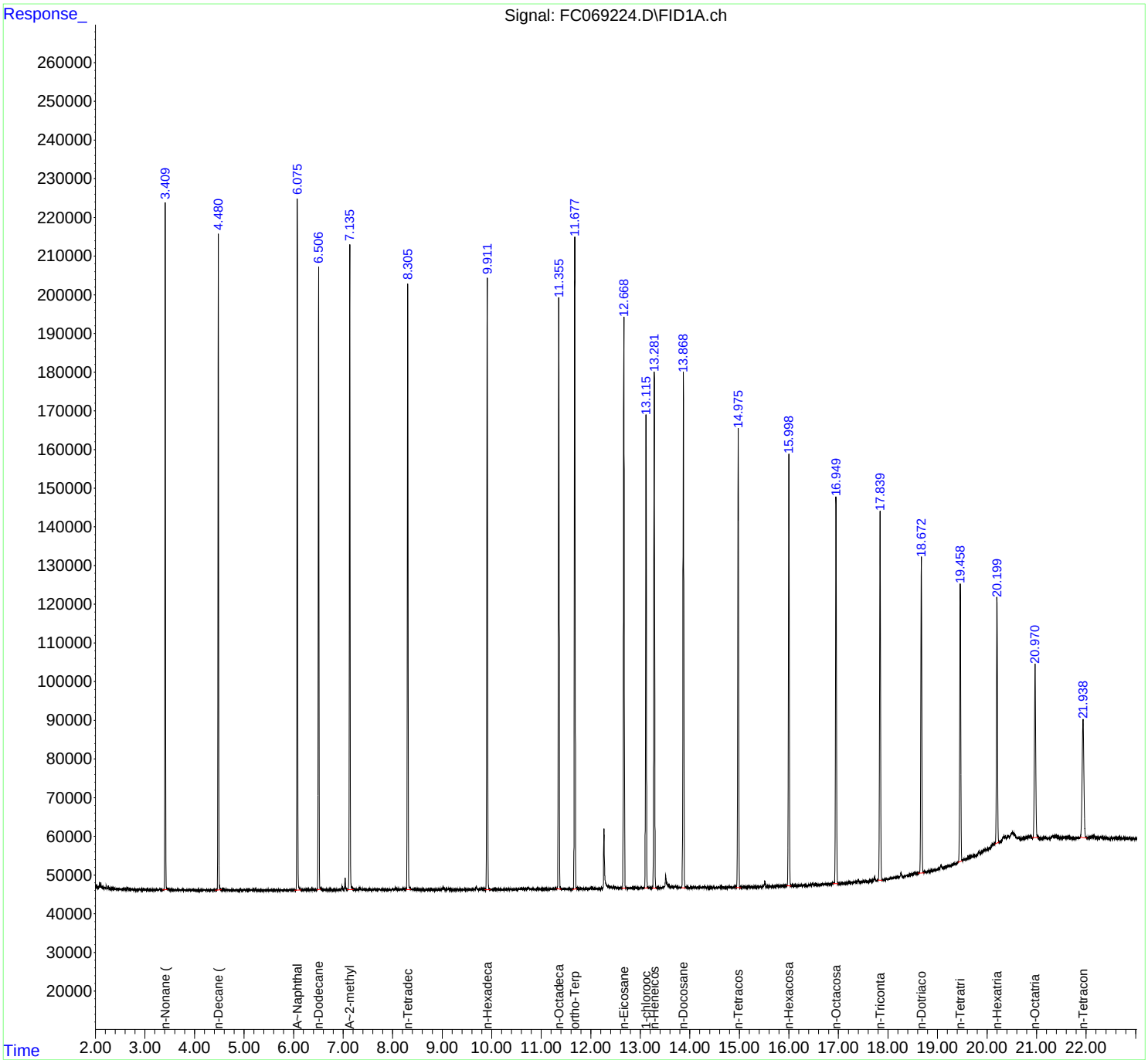
Quantitation Report (QT Reviewed)

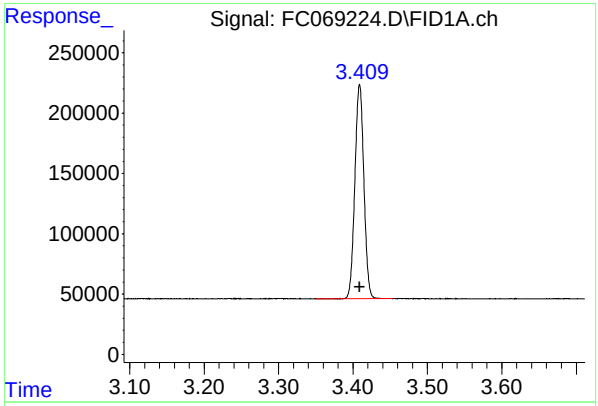
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069224.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 13:20
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

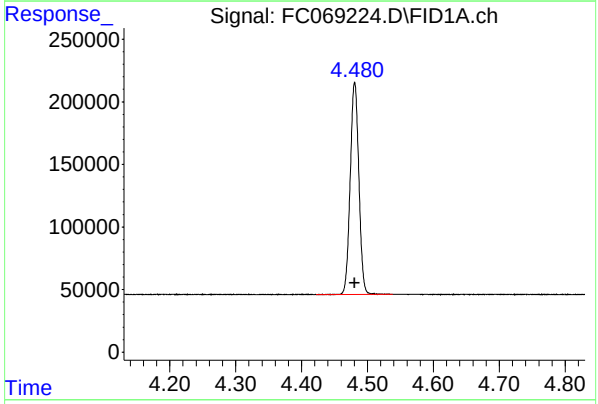




#1 n-Nonane (C9)

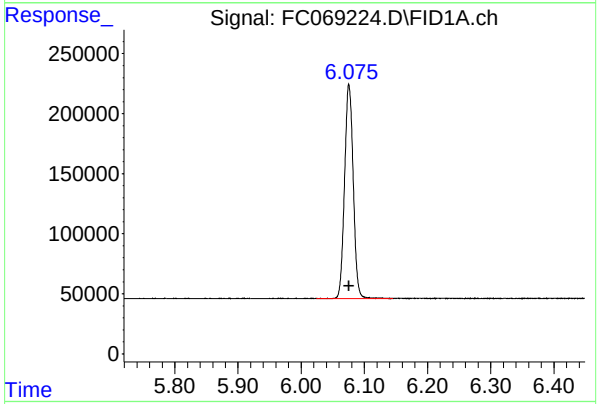
R.T.: 3.409 min
Delta R.T.: 0.000 min
Response: 1496071
Conc: 10.74 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



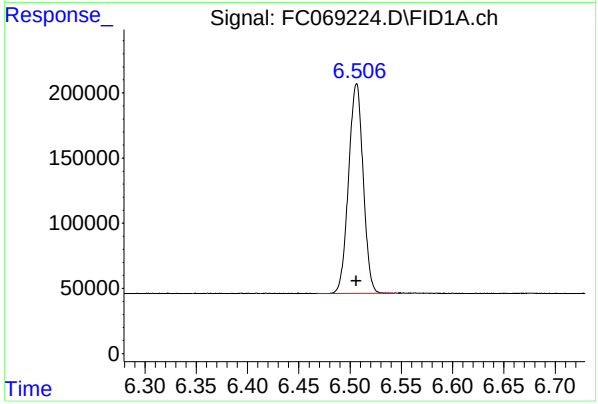
#2 n-Decane (C10)

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



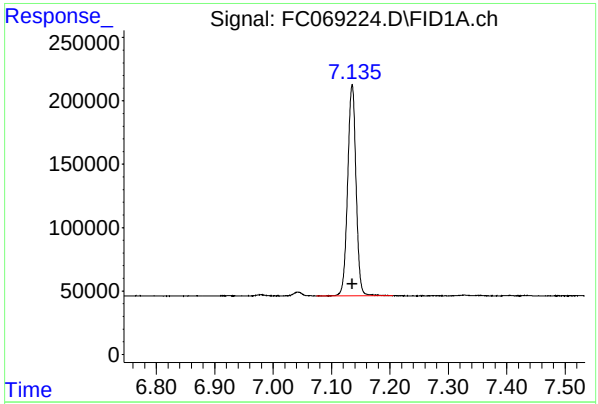
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

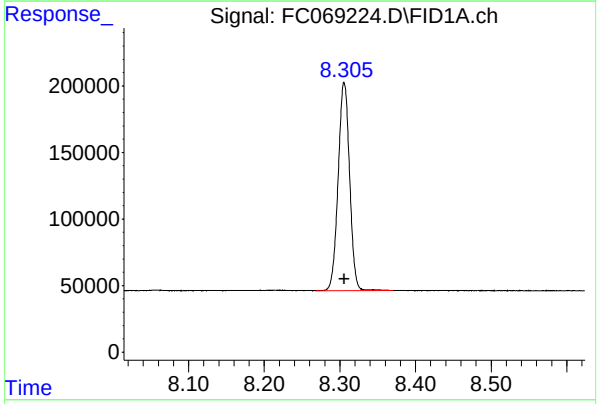
R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 1592006
Conc: 10.71 ug/ml



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

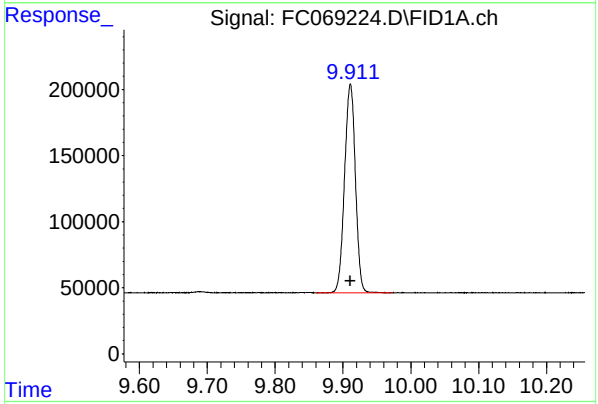
R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 1665892
Conc: 10.74 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



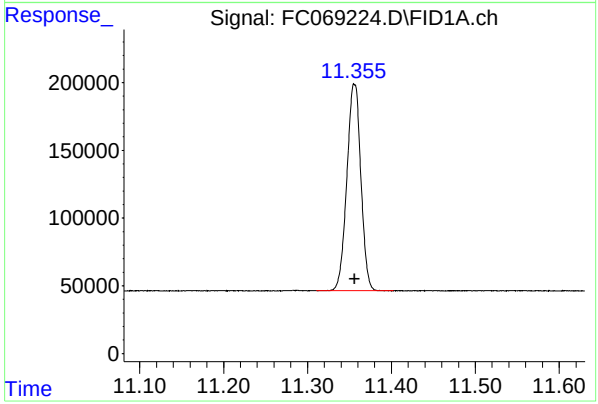
#6 n-Tetradecane (C14)

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



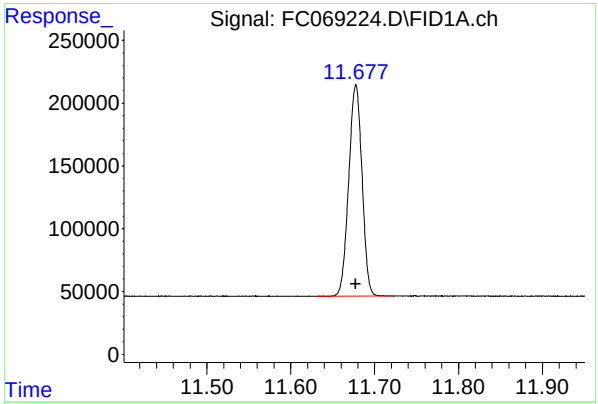
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

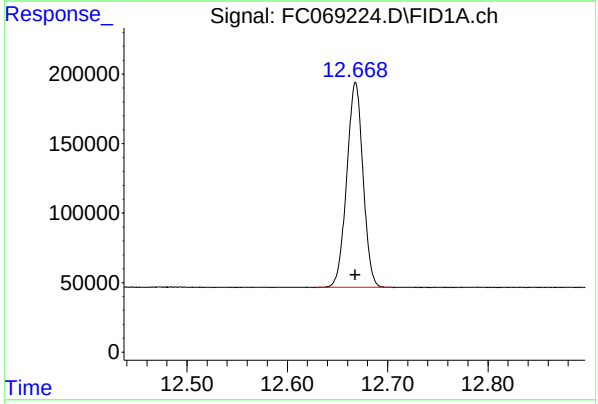
R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 1771170
Conc: 11.11 ug/ml



#9 ortho-Terphenyl (SURR)

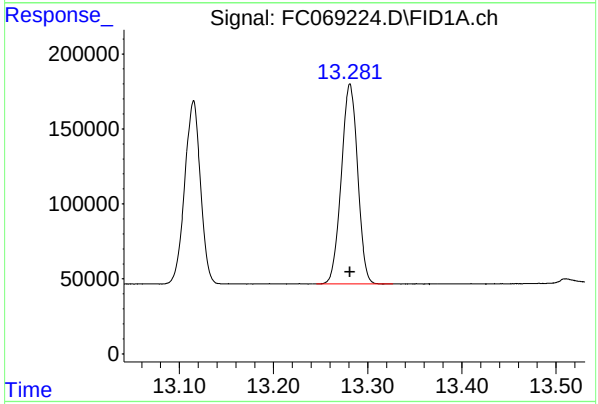
R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 1856143
Conc: 10.99 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



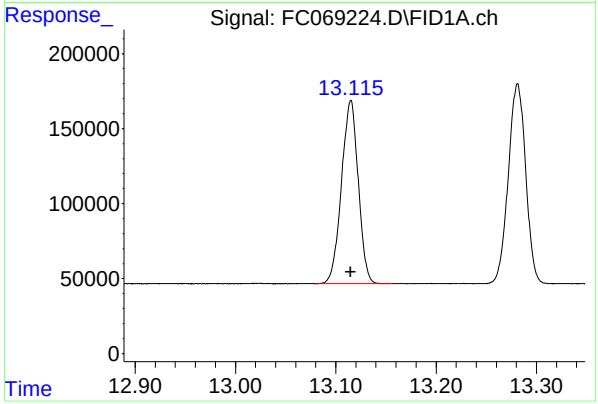
#10 n-Eicosane (C20)

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



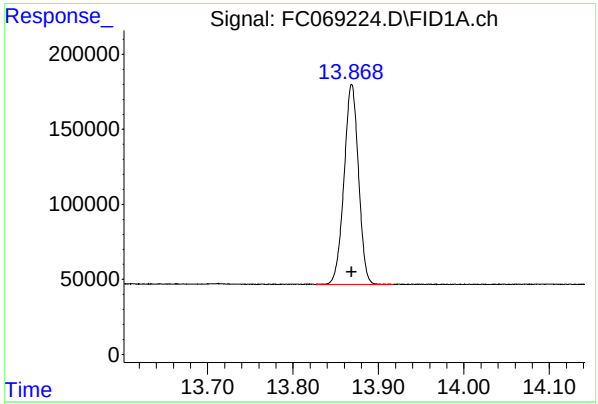
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

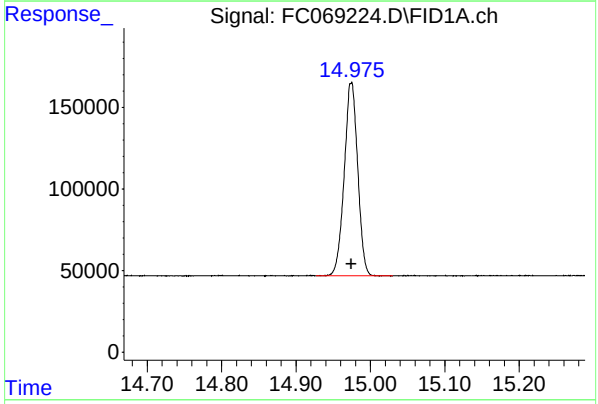
R.T.: 13.115 min
Delta R.T.: 0.000 min
Response: 1417487
Conc: 11.13 ug/ml



#13 n-Docosane (C22)

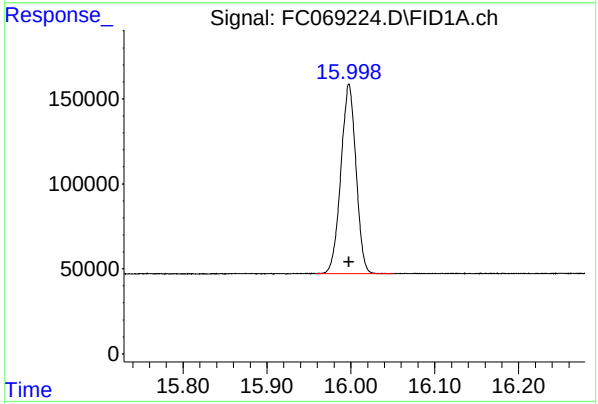
R.T.: 13.869 min
Delta R.T.: 0.000 min
Response: 1565876
Conc: 11.18 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



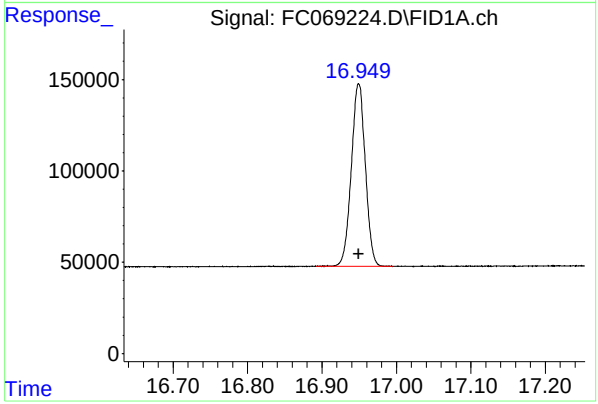
#14 n-Tetracosane (C24)

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



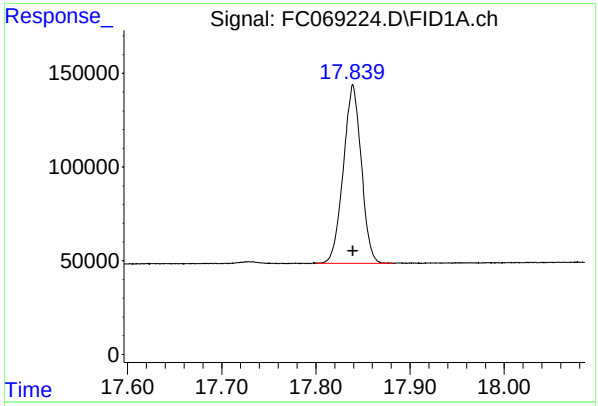
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

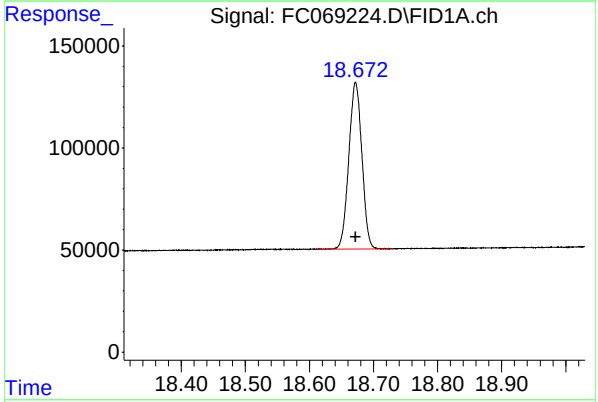
R.T.: 16.949 min
Delta R.T.: 0.000 min
Response: 1308541
Conc: 10.92 ug/ml



#17 n-Tricontane (C30)

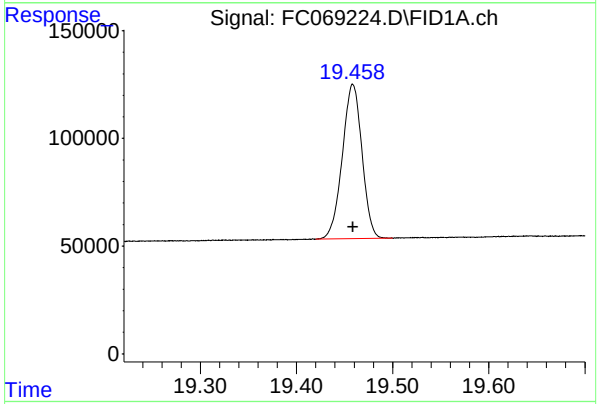
R.T.: 17.839 min
Delta R.T.: 0.000 min
Response: 1257631
Conc: 10.91 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



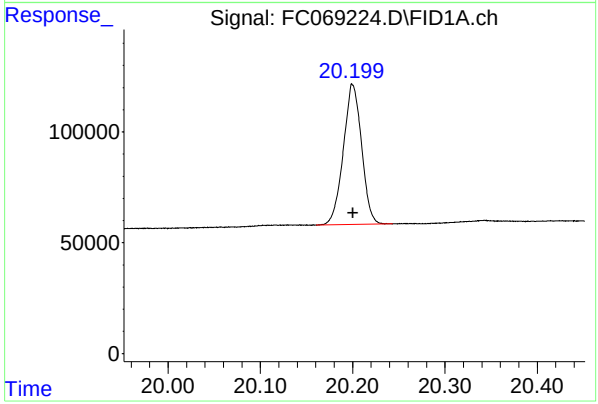
#18 n-Dotriacontane (C32)

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



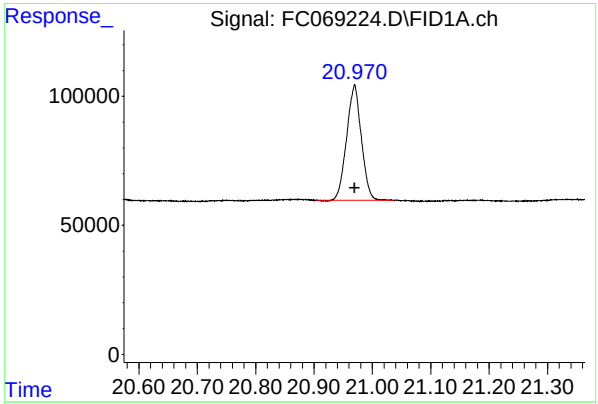
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

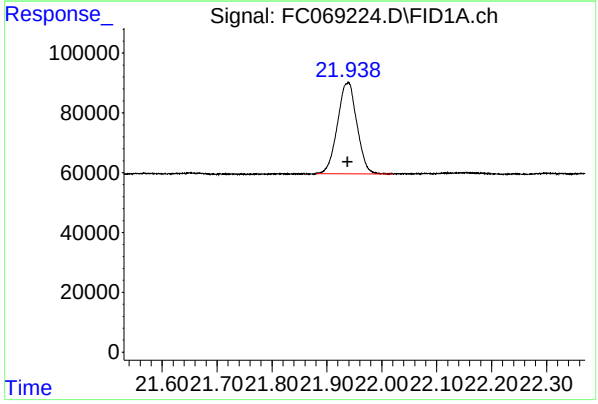
R.T.: 20.200 min
Delta R.T.: 0.000 min
Response: 869747
Conc: 10.87 ug/ml



#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

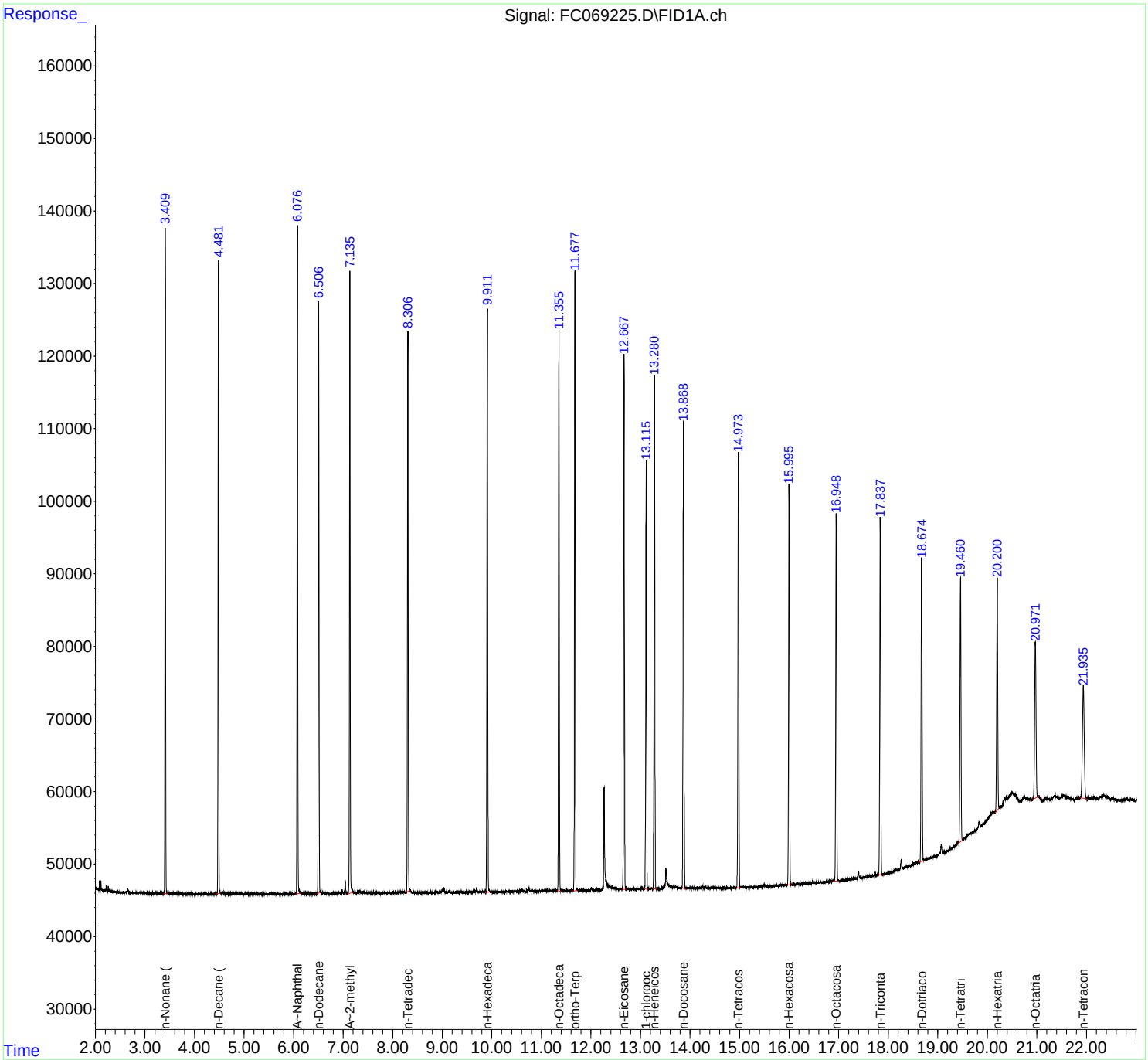
(f)=RT Delta > 1/2 Window (m)=manual int.

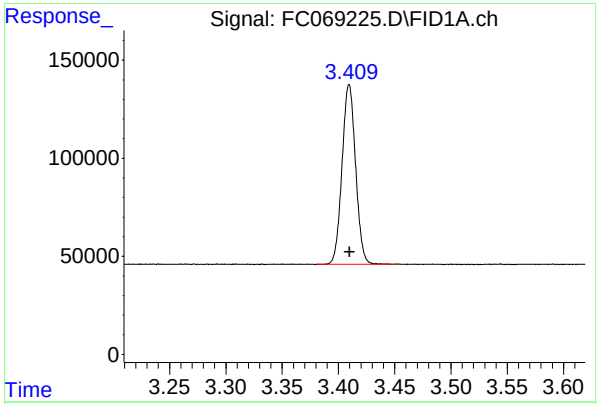
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069225.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 14:03
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

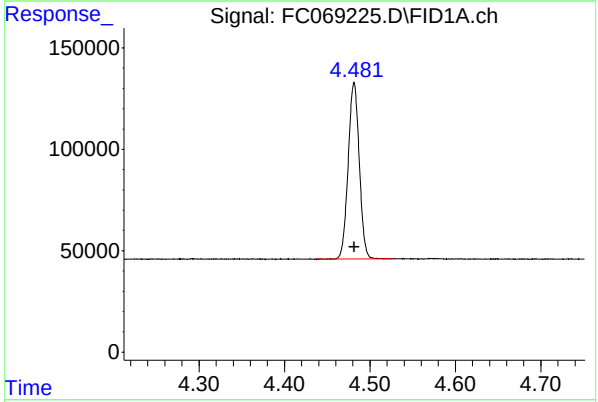




#1 n-Nonane (C9)

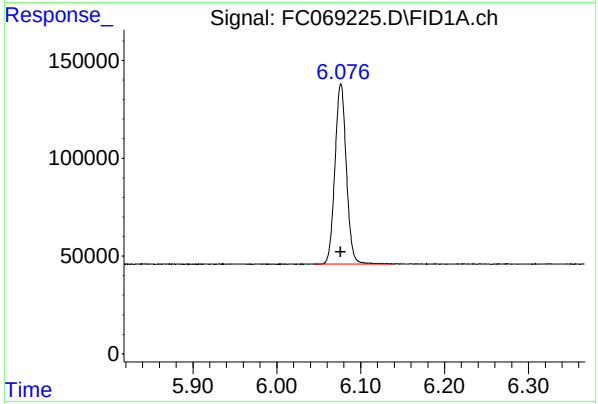
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 768967
Conc: 5.41 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



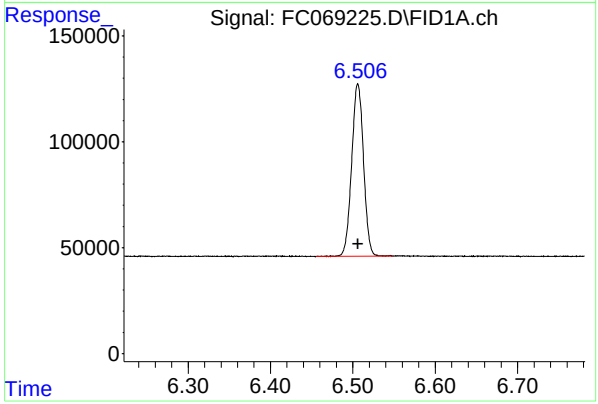
#2 n-Decane (C10)

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



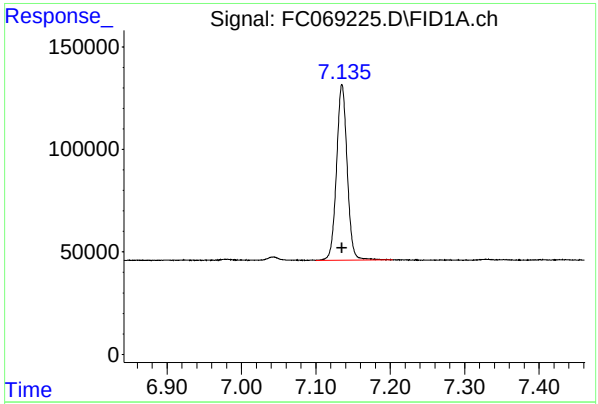
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

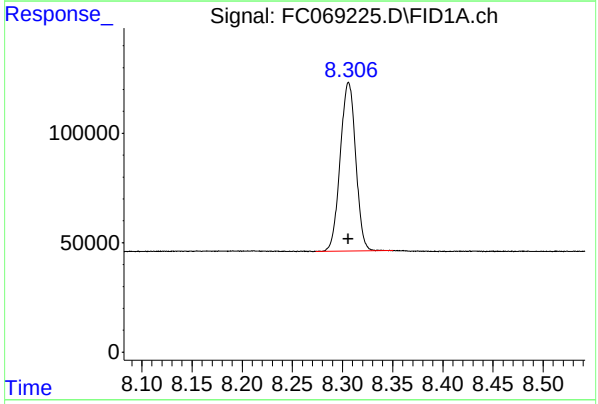
R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 811783
Conc: 5.36 ug/ml



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

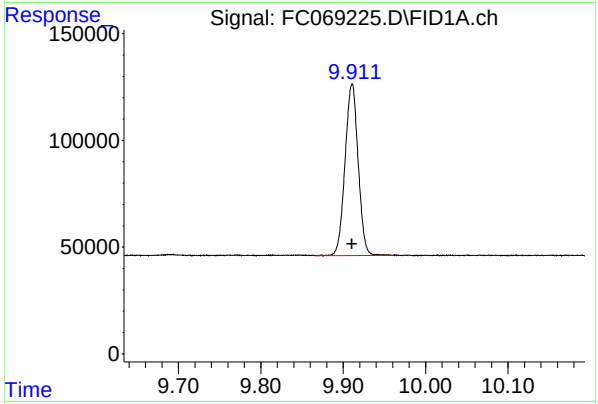
R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 852964
Conc: 5.39 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



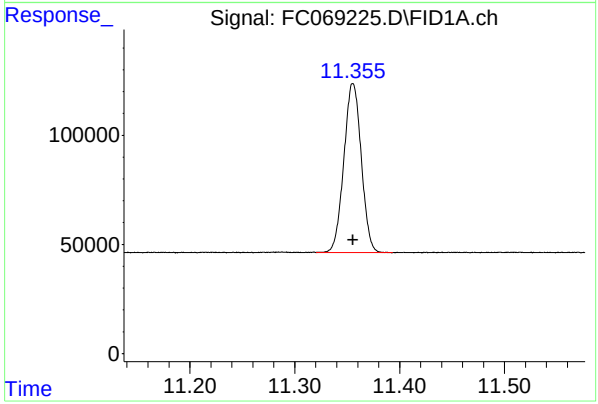
#6 n-Tetradecane (C14)

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



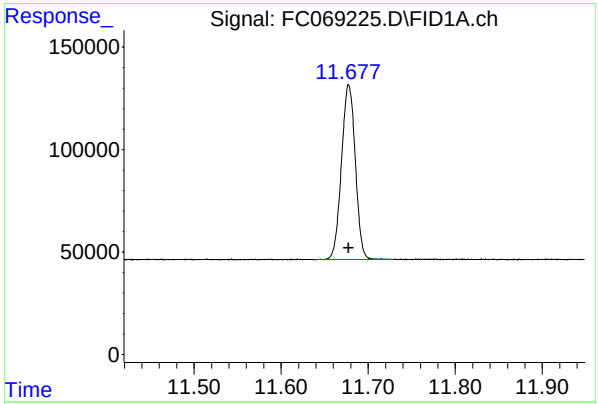
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

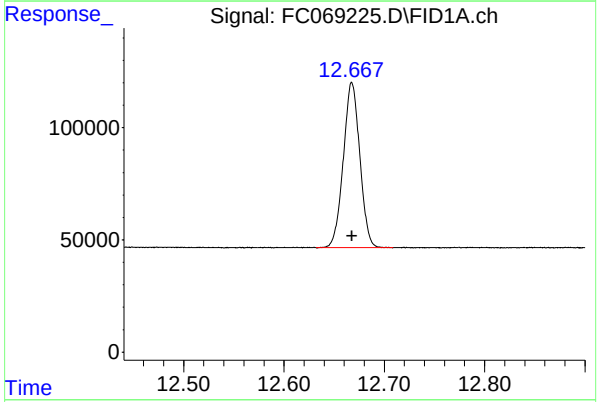
R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 894124
Conc: 5.48 ug/ml



#9 ortho-Terphenyl (SURR)

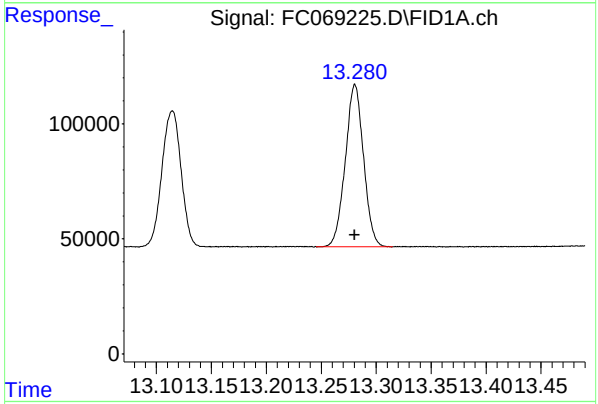
R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 942393
Conc: 5.45 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



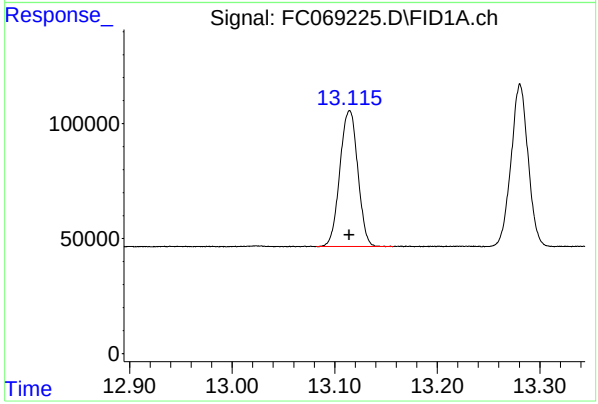
#10 n-Eicosane (C20)

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



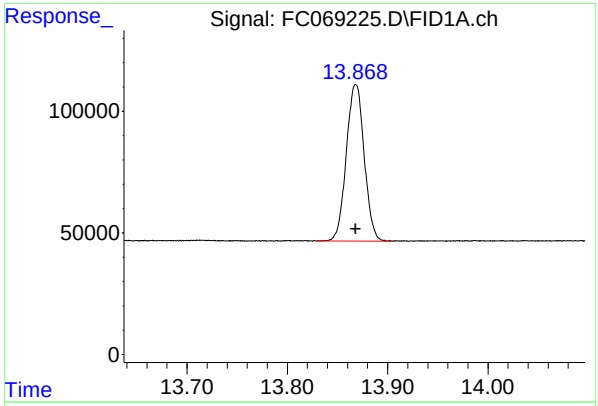
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

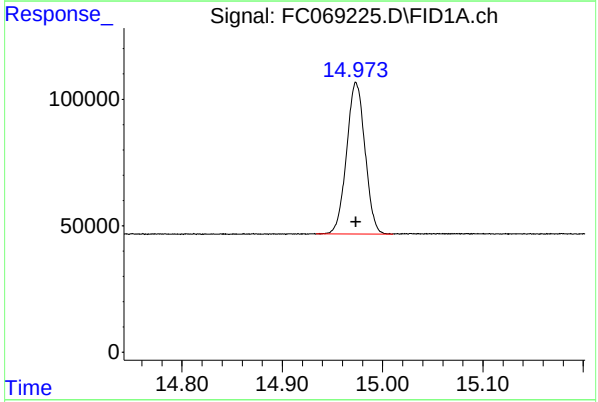
R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 718614
Conc: 5.50 ug/ml



#13 n-Docosane (C22)

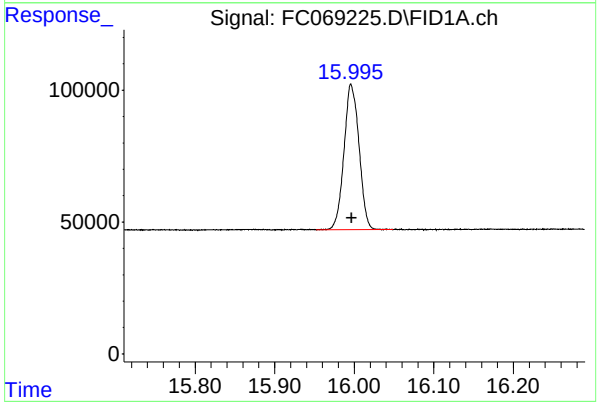
R.T.: 13.868 min
Delta R.T.: 0.000 min
Response: 796002
Conc: 5.53 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



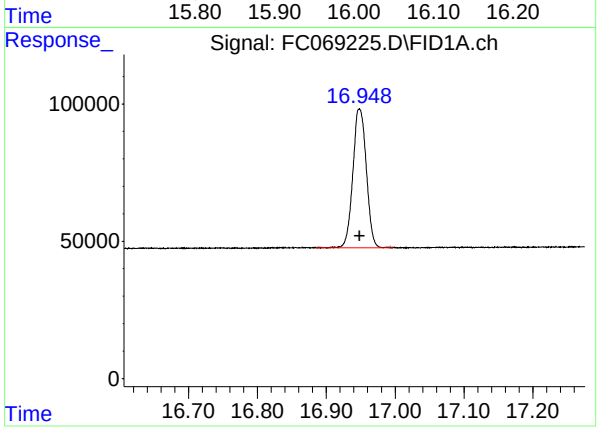
#14 n-Tetracosane (C24)

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



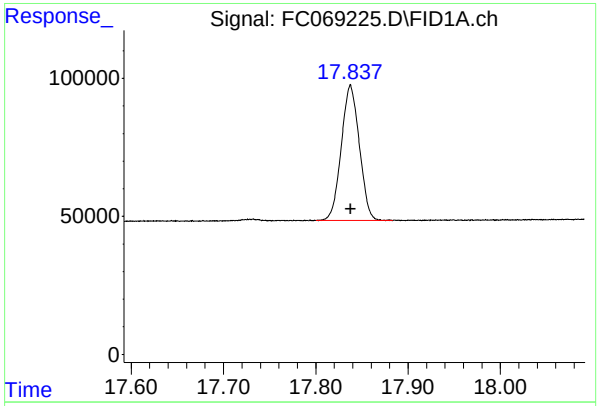
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

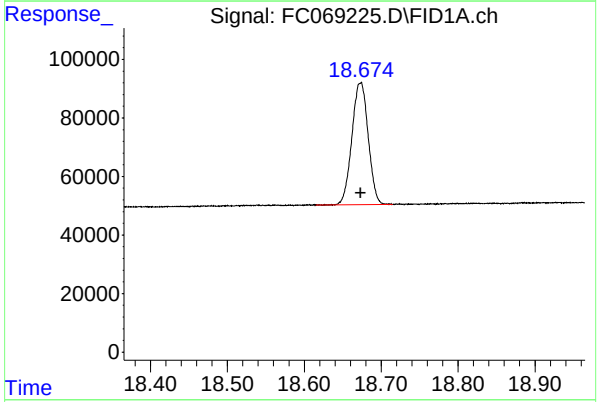
R.T.: 16.948 min
Delta R.T.: 0.000 min
Response: 686066
Conc: 5.56 ug/ml



#17 n-Tricontane (C30)

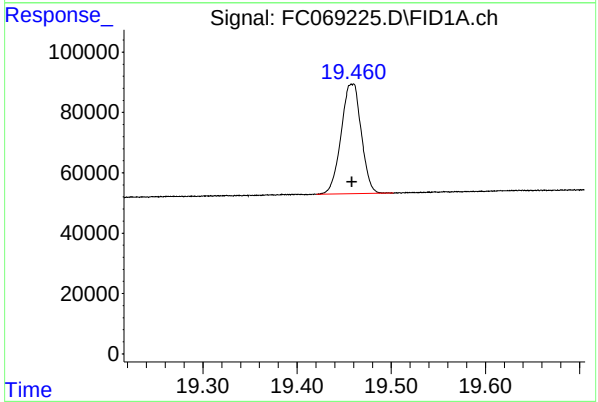
R.T.: 17.838 min
Delta R.T.: 0.000 min
Response: 666002
Conc: 5.60 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



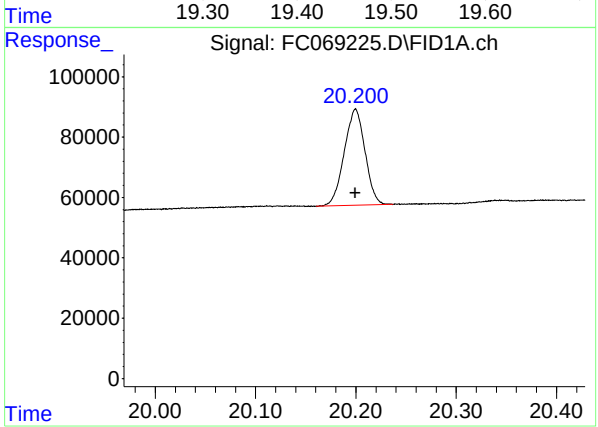
#18 n-Dotriacontane (C32)

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



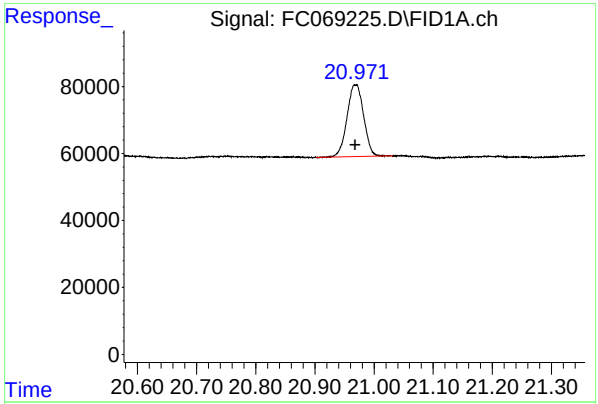
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

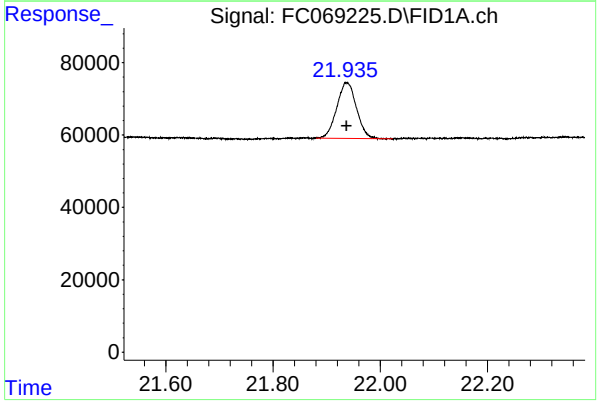
R.T.: 20.200 min
Delta R.T.: 0.000 min
Response: 459698
Conc: 5.58 ug/ml



#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

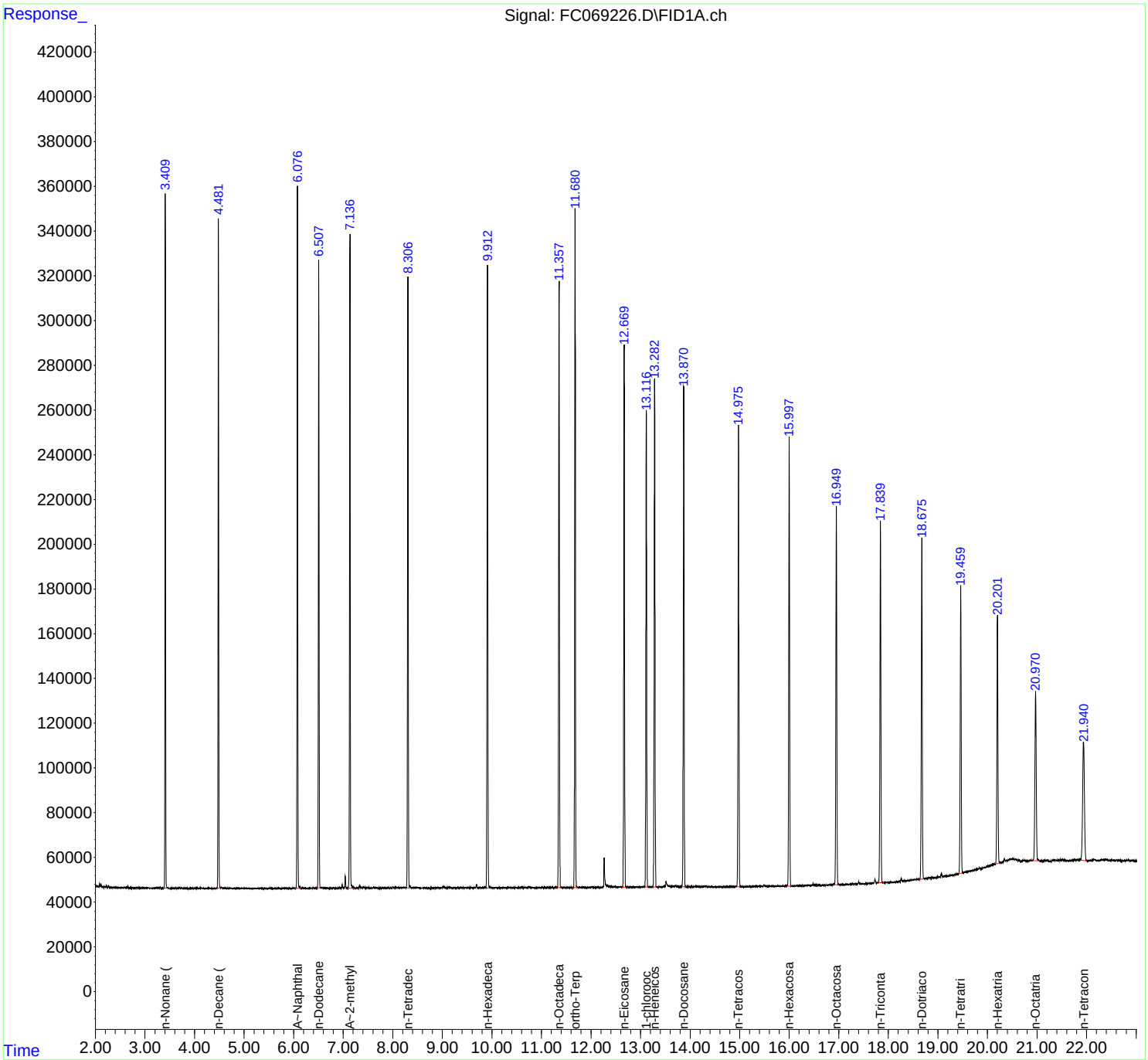
(f)=RT Delta > 1/2 Window (m)=manual int.

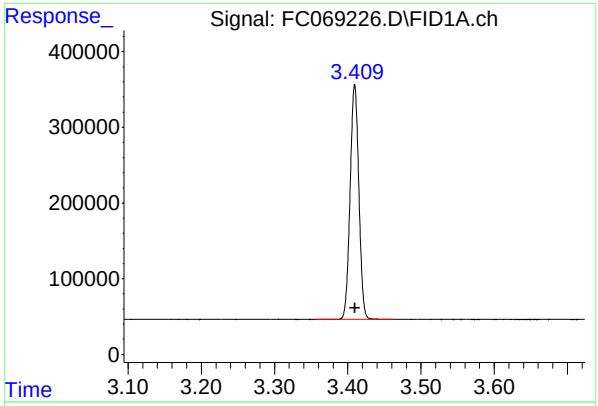
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
Data File : FC069226.D
Signal(s) : FID1A.ch
Acq On : 18 Jun 2025 14:45
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

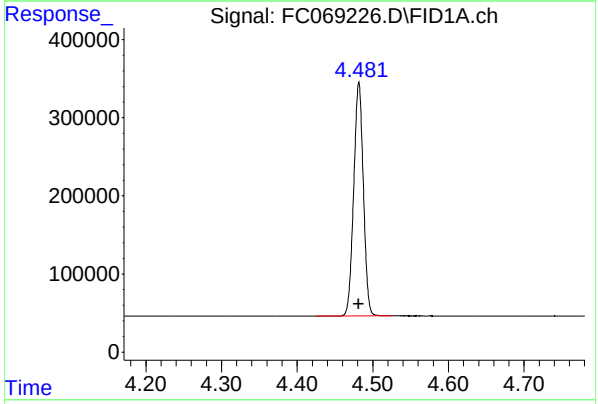




#1 n-Nonane (C9)

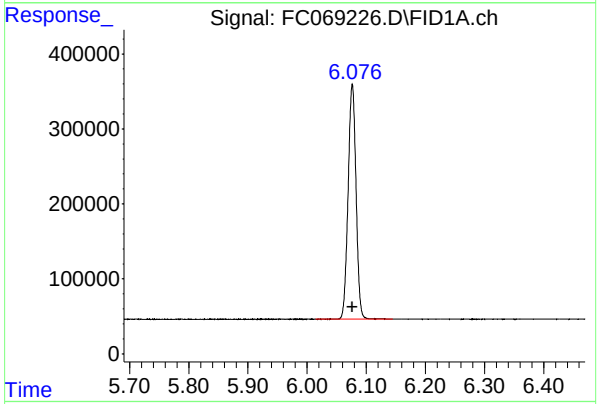
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 2571511
Conc: 18.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



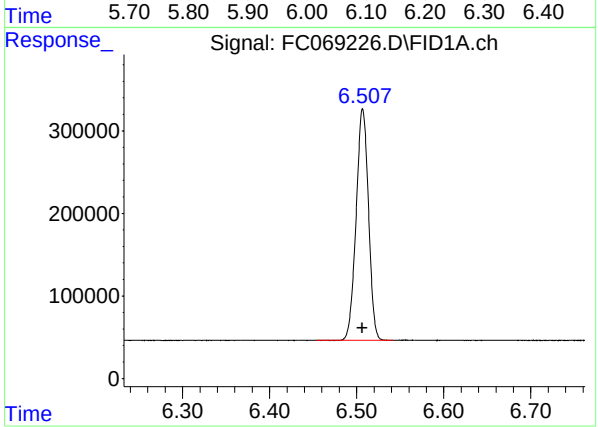
#2 n-Decane (C10)

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



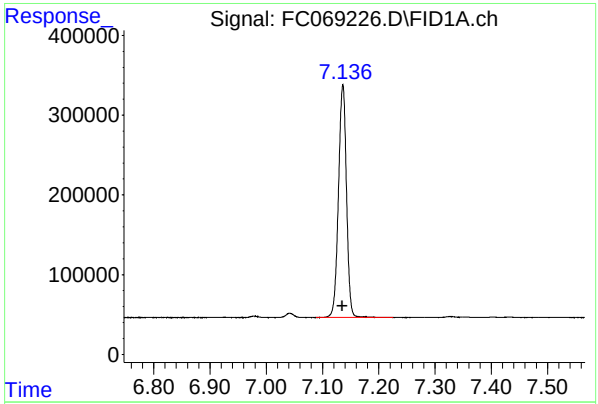
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

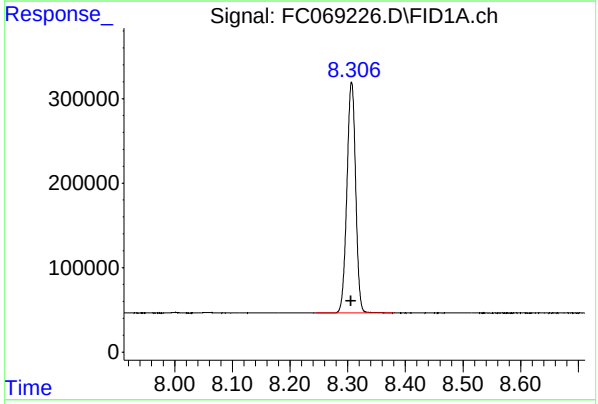
R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 2762531
Conc: 18.24 ug/ml



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

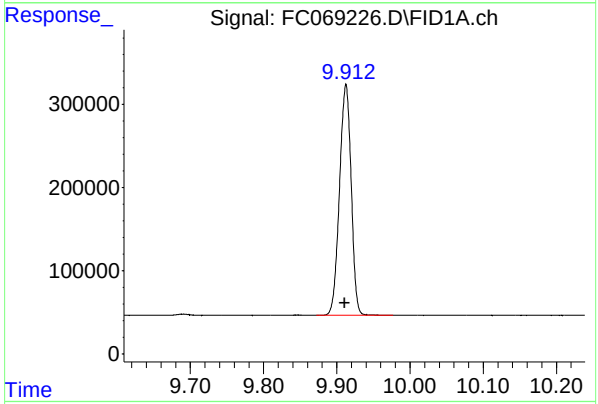
R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 2898798
Conc: 18.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



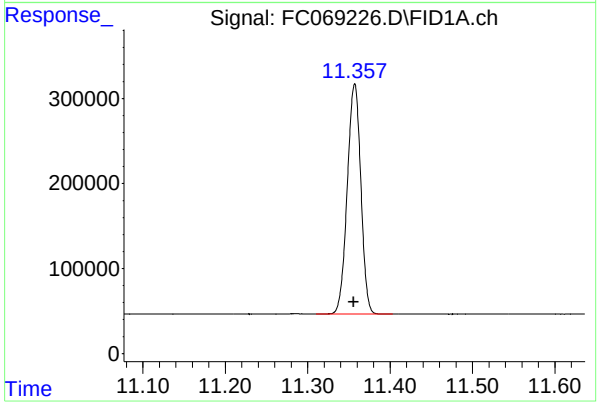
#6 n-Tetradecane (C14)

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



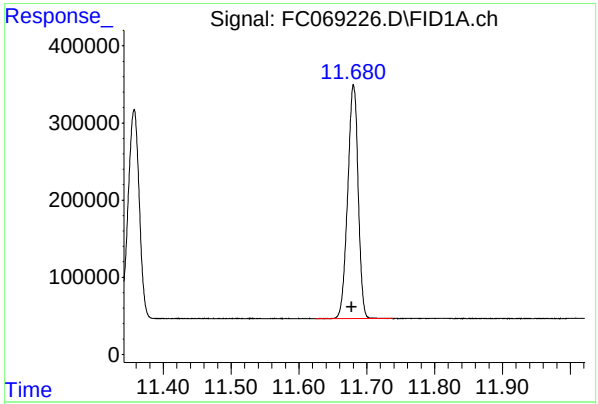
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

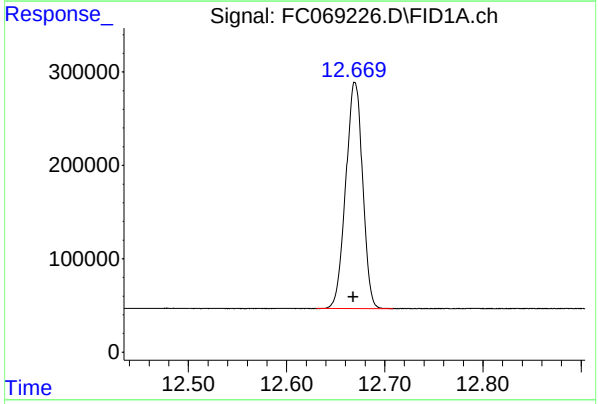
R.T.: 11.357 min
Delta R.T.: 0.001 min
Response: 3098893
Conc: 18.98 ug/ml



#9 ortho-Terphenyl (SURR)

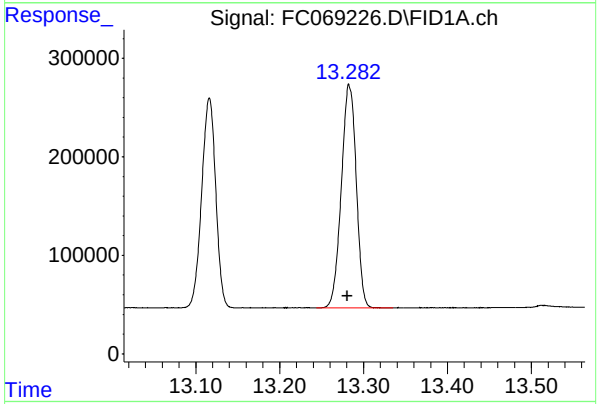
R.T.: 11.680 min
Delta R.T.: 0.003 min
Response: 3253610
Conc: 18.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



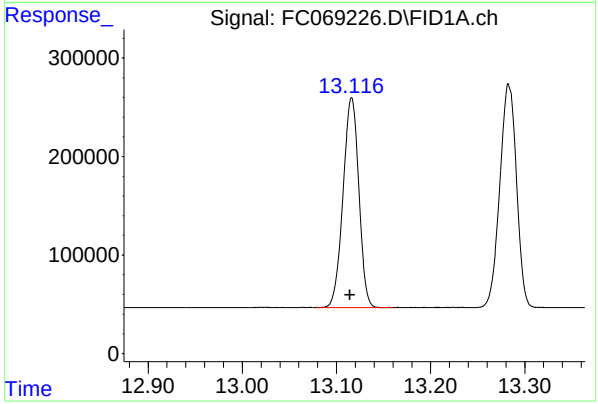
#10 n-Eicosane (C20)

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



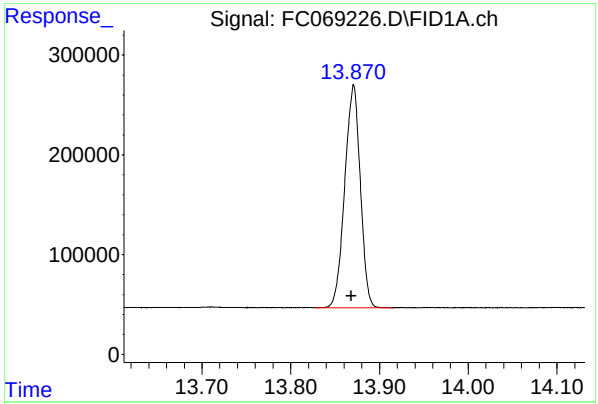
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

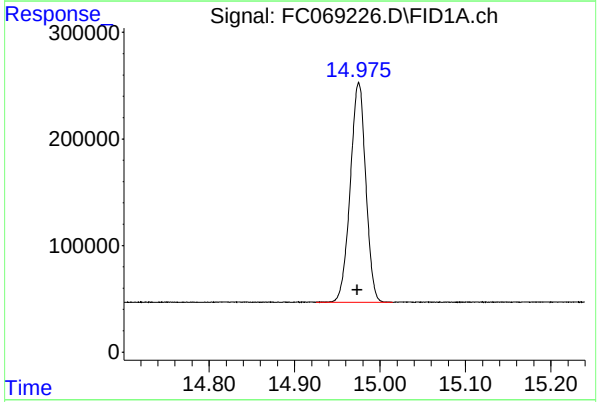
R.T.: 13.116 min
Delta R.T.: 0.002 min
Response: 2474788
Conc: 18.94 ug/ml



#13 n-Docosane (C22)

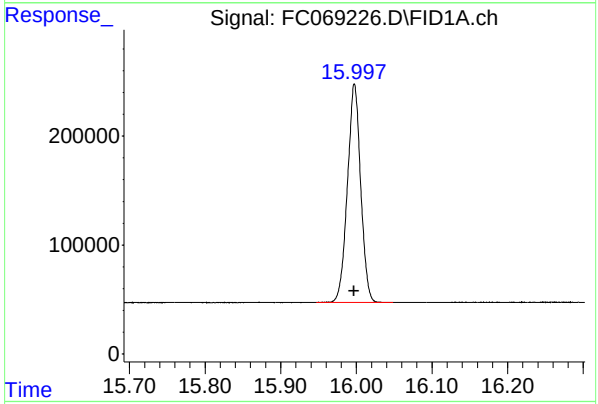
R.T.: 13.871 min
Delta R.T.: 0.002 min
Response: 2718940
Conc: 18.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



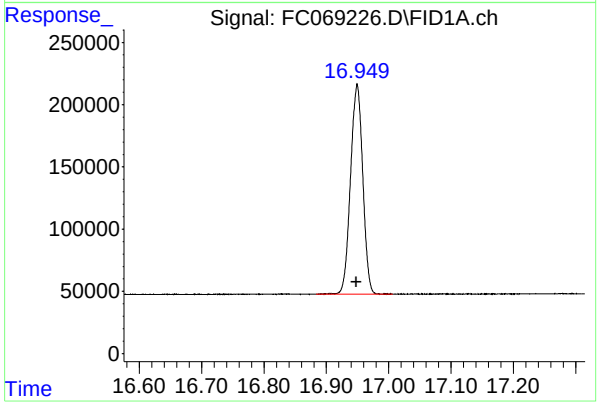
#14 n-Tetracosane (C24)

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



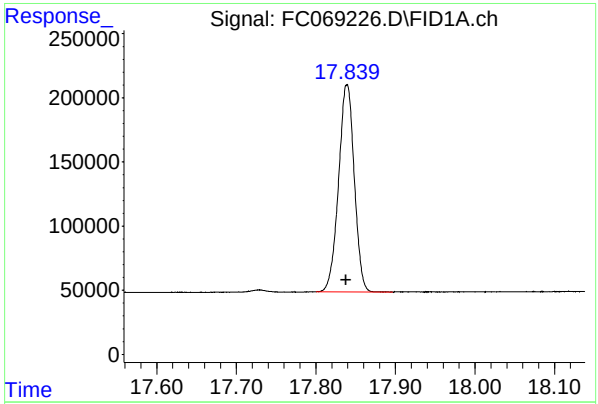
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

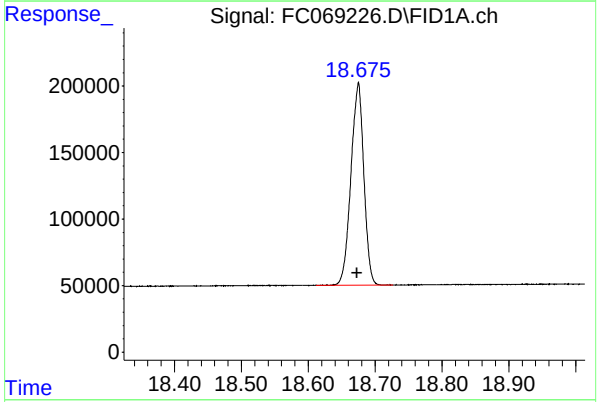
R.T.: 16.949 min
Delta R.T.: 0.000 min
Response: 2300993
Conc: 18.66 ug/ml



#17 n-Tricontane (C30)

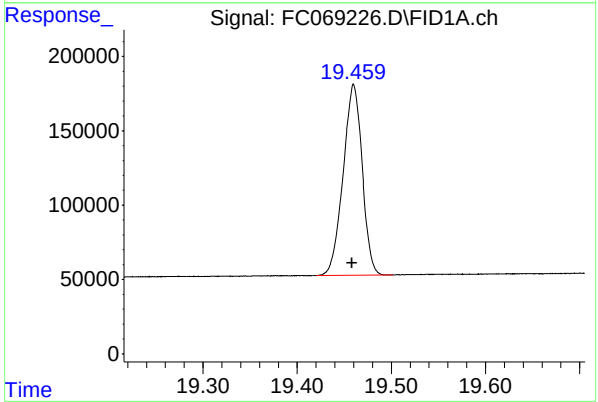
R.T.: 17.839 min
Delta R.T.: 0.001 min
Response: 2215902
Conc: 18.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



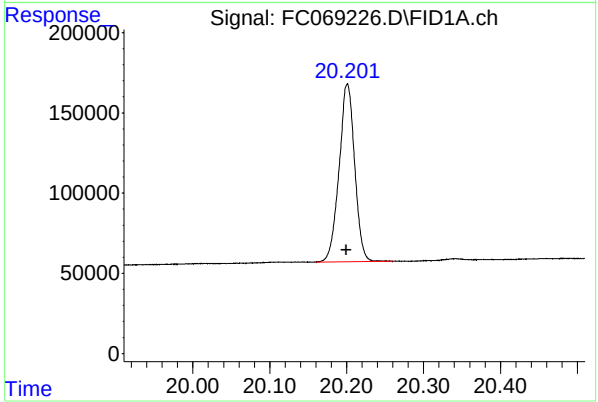
#18 n-Dotriacontane (C32)

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



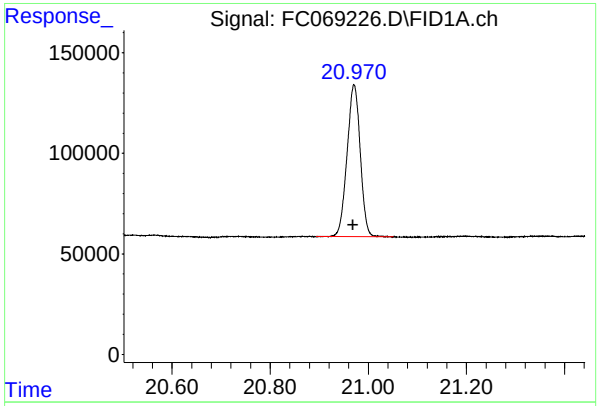
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

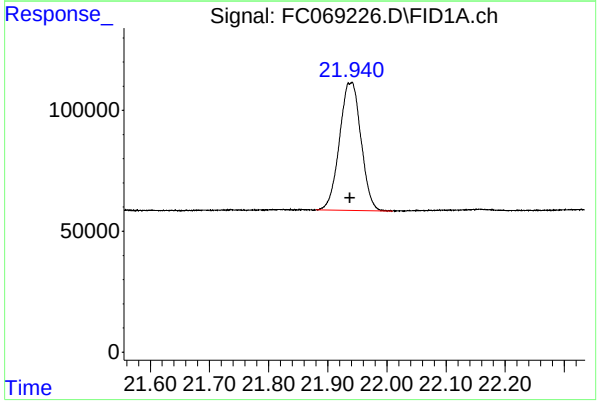
R.T.: 20.201 min
Delta R.T.: 0.001 min
Response: 1557268
Conc: 18.90 ug/ml



#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

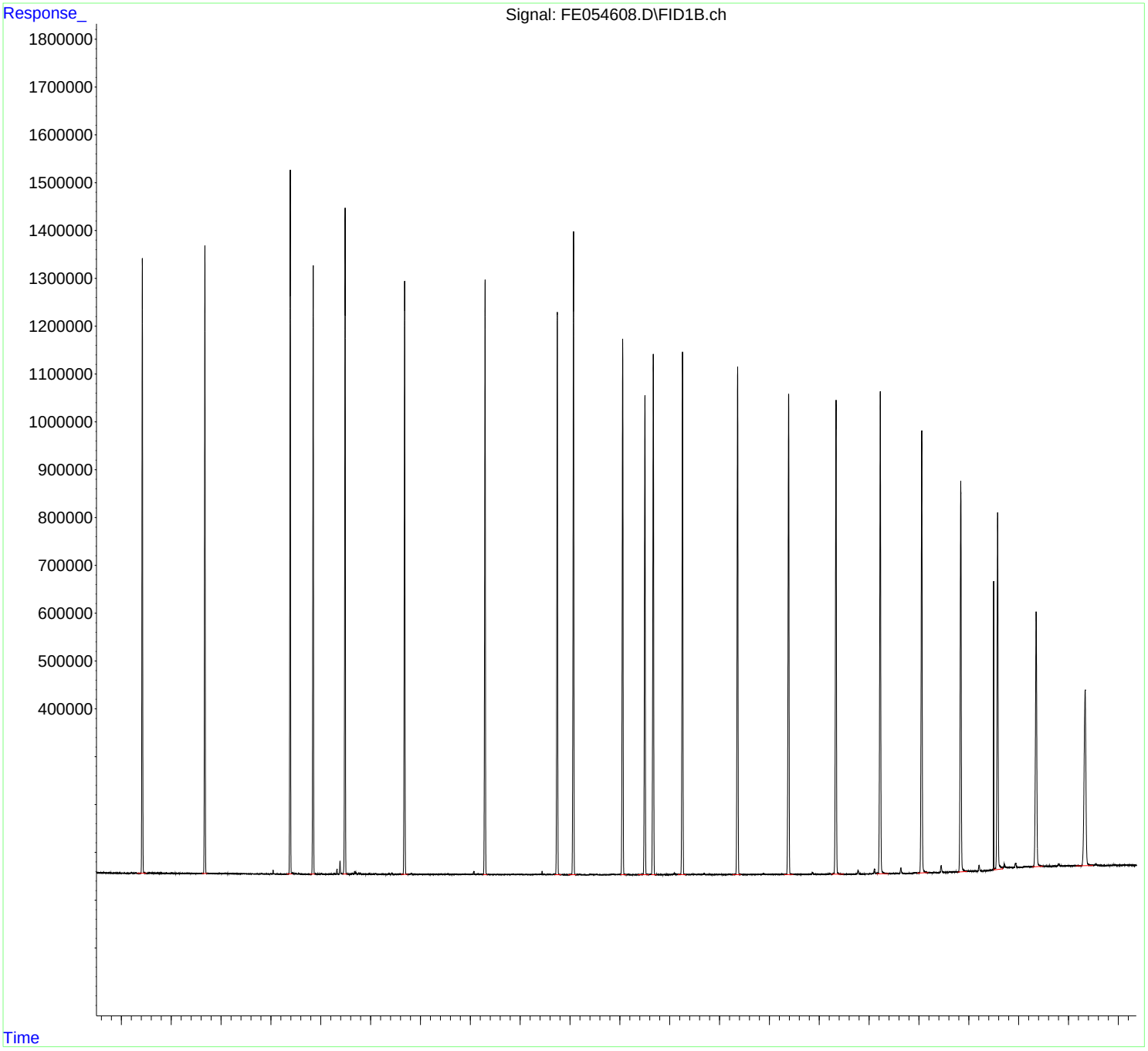
(f)=RT Delta > 1/2 Window (m)=manual int.

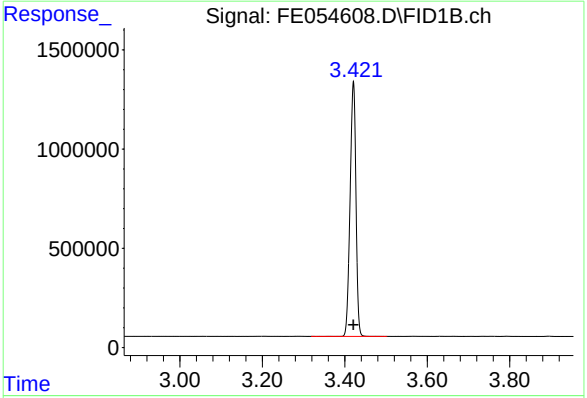
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054608.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 12:53
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

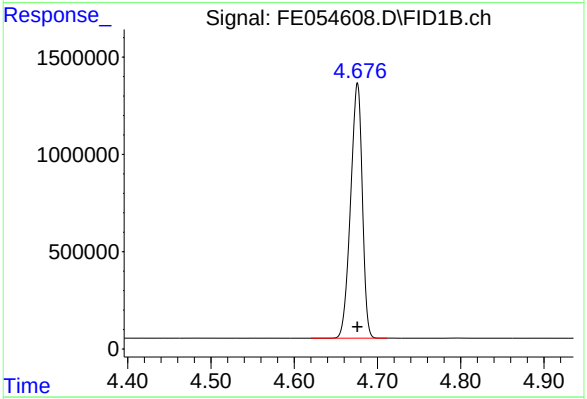




#1 n-Nonane (C9)

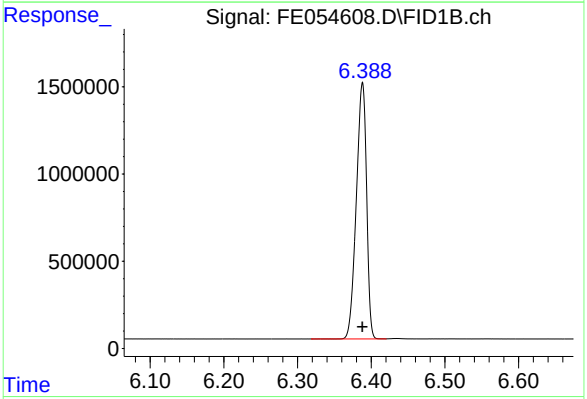
R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 12635864
Conc: 98.50 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



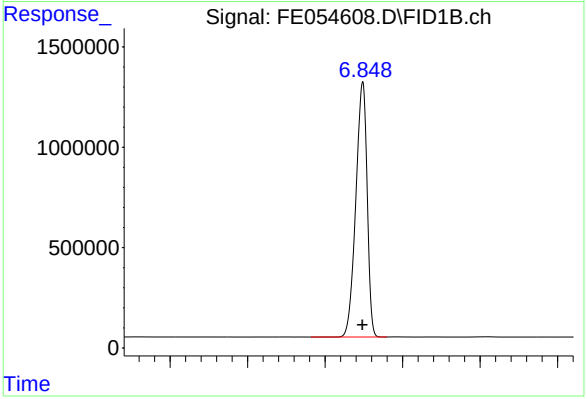
#2 n-Decane (C10)

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



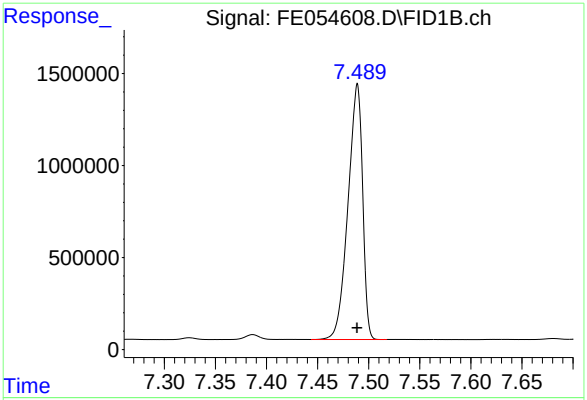
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

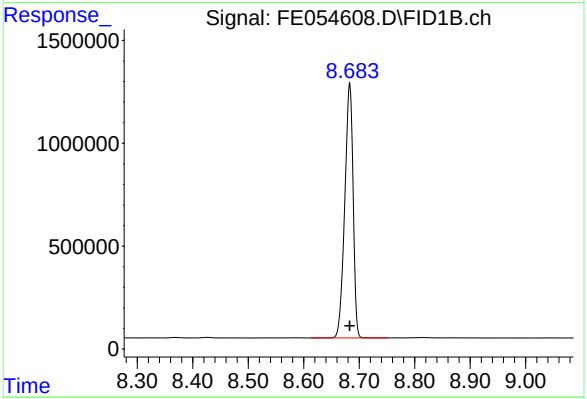
R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 12881494
Conc: 98.44 ug/ml



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

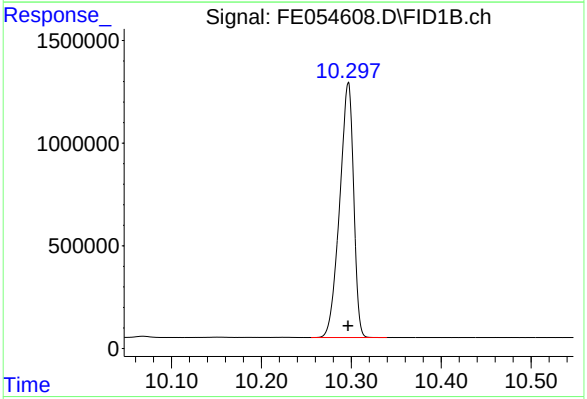
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 13806245
Conc: 98.39 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



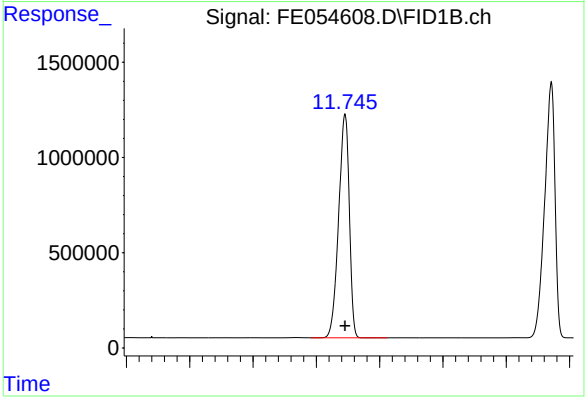
#6 n-Tetradecane (C14)

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



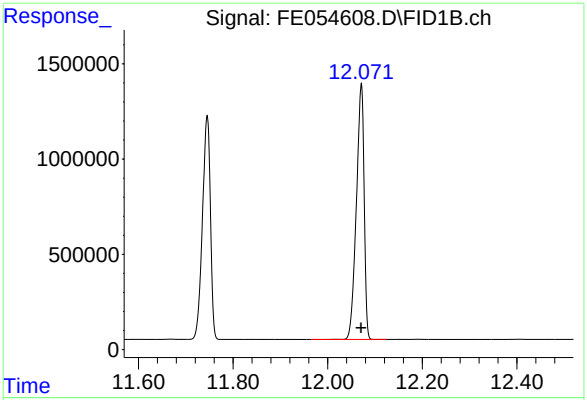
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

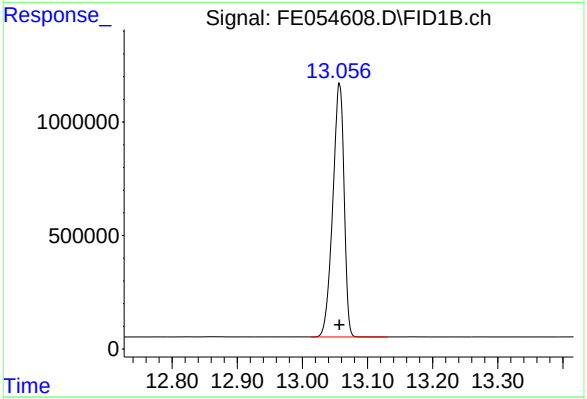
R.T.: 11.745 min
Delta R.T.: 0.000 min
Response: 13738504
Conc: 98.38 ug/ml



#9 ortho-Terphenyl (SURR)

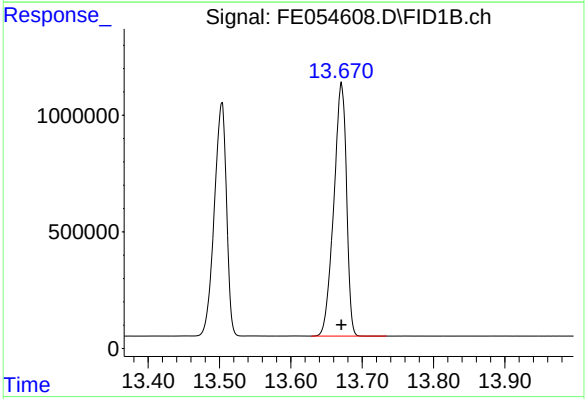
R.T.: 12.071 min
Delta R.T.: 0.000 min
Response: 15261711
Conc: 98.32 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



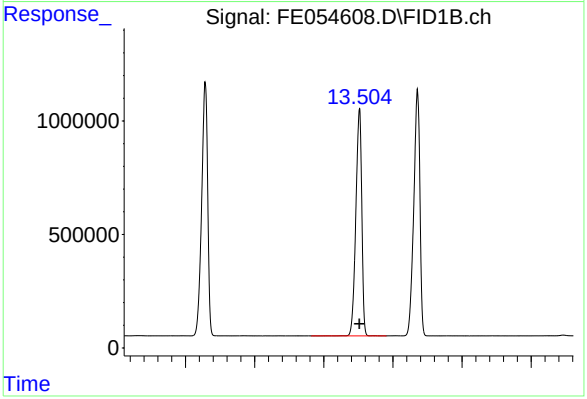
#10 n-Eicosane (C20)

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



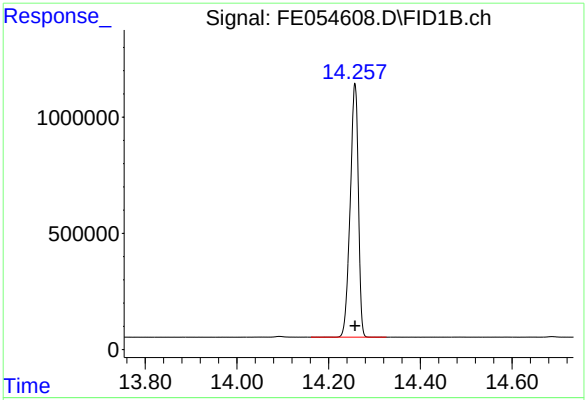
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

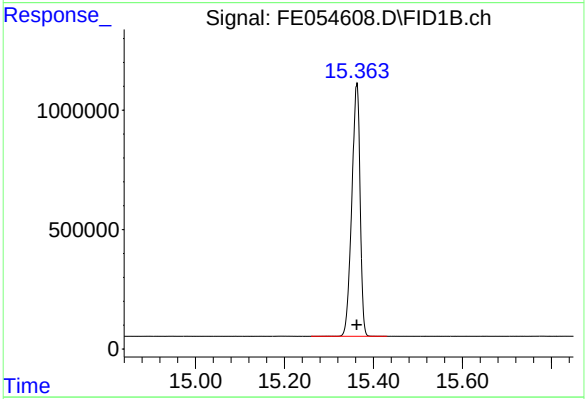
R.T.: 13.503 min
Delta R.T.: 0.000 min
Response: 11912385
Conc: 98.56 ug/ml



#13 n-Docosane (C22)

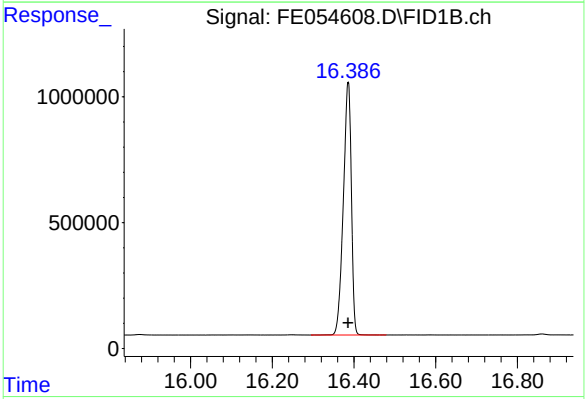
R.T.: 14.257 min
Delta R.T.: 0.000 min
Response: 13479858
Conc: 98.59 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



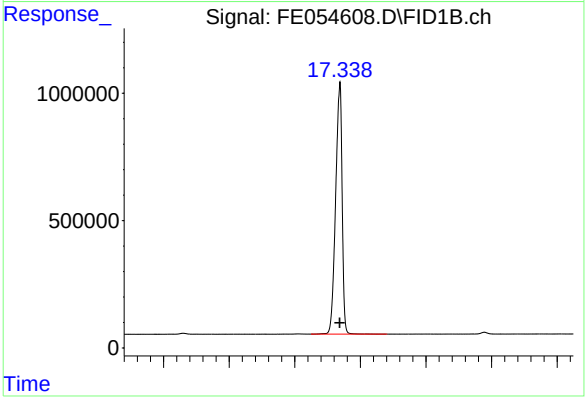
#14 n-Tetracosane (C24)

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



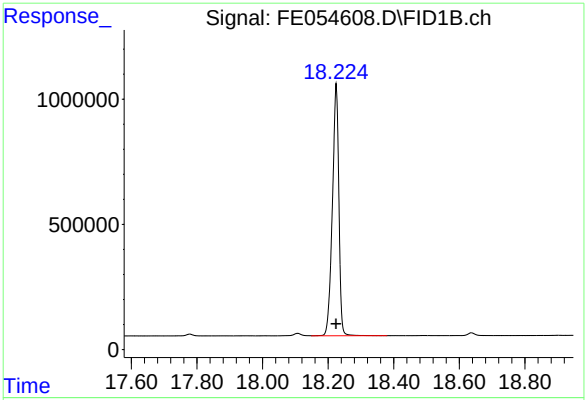
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

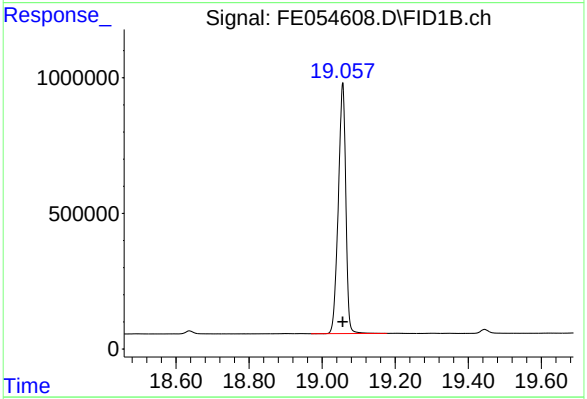
R.T.: 17.337 min
Delta R.T.: 0.000 min
Response: 13551138
Conc: 98.10 ug/ml



#17 n-Tricontane (C30)

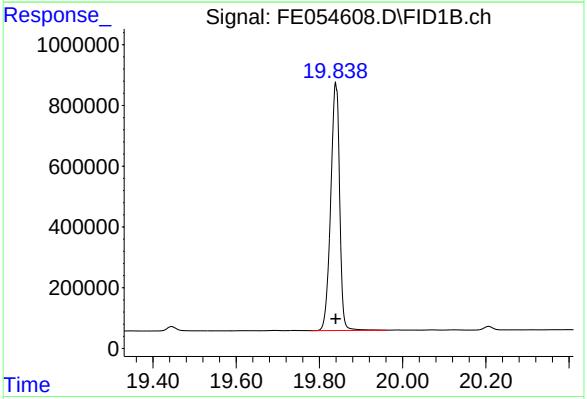
R.T.: 18.224 min
Delta R.T.: 0.000 min
Response: 13754161
Conc: 95.72 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



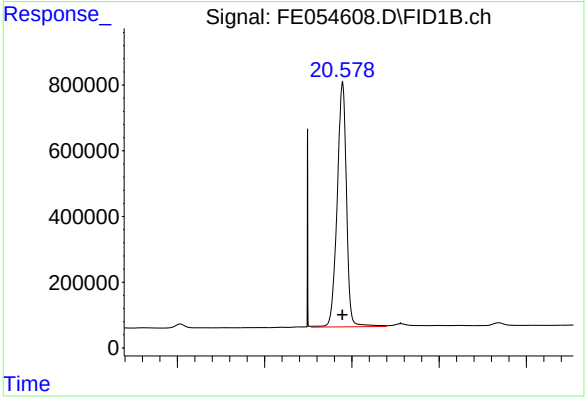
#18 n-Dotriacontane (C32)

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



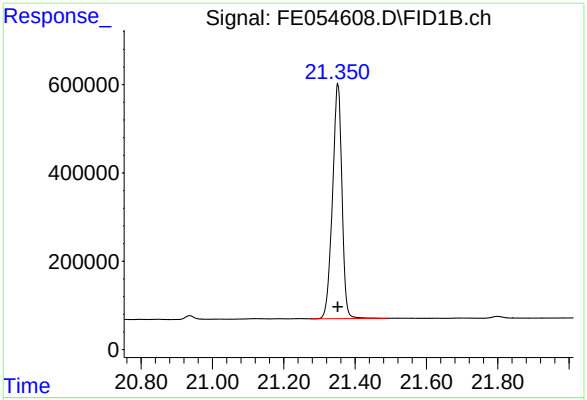
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

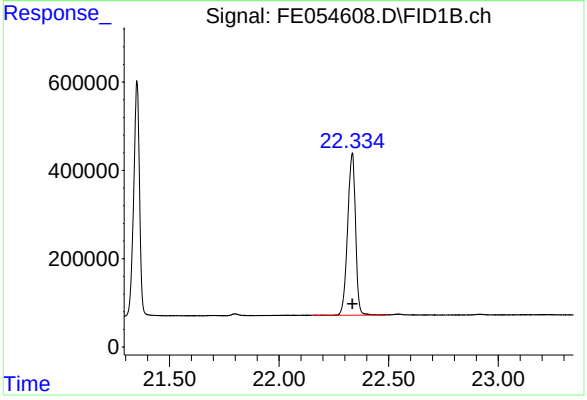
R.T.: 20.578 min
Delta R.T.: 0.000 min
Response: 11077409
Conc: 94.49 ug/ml



#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

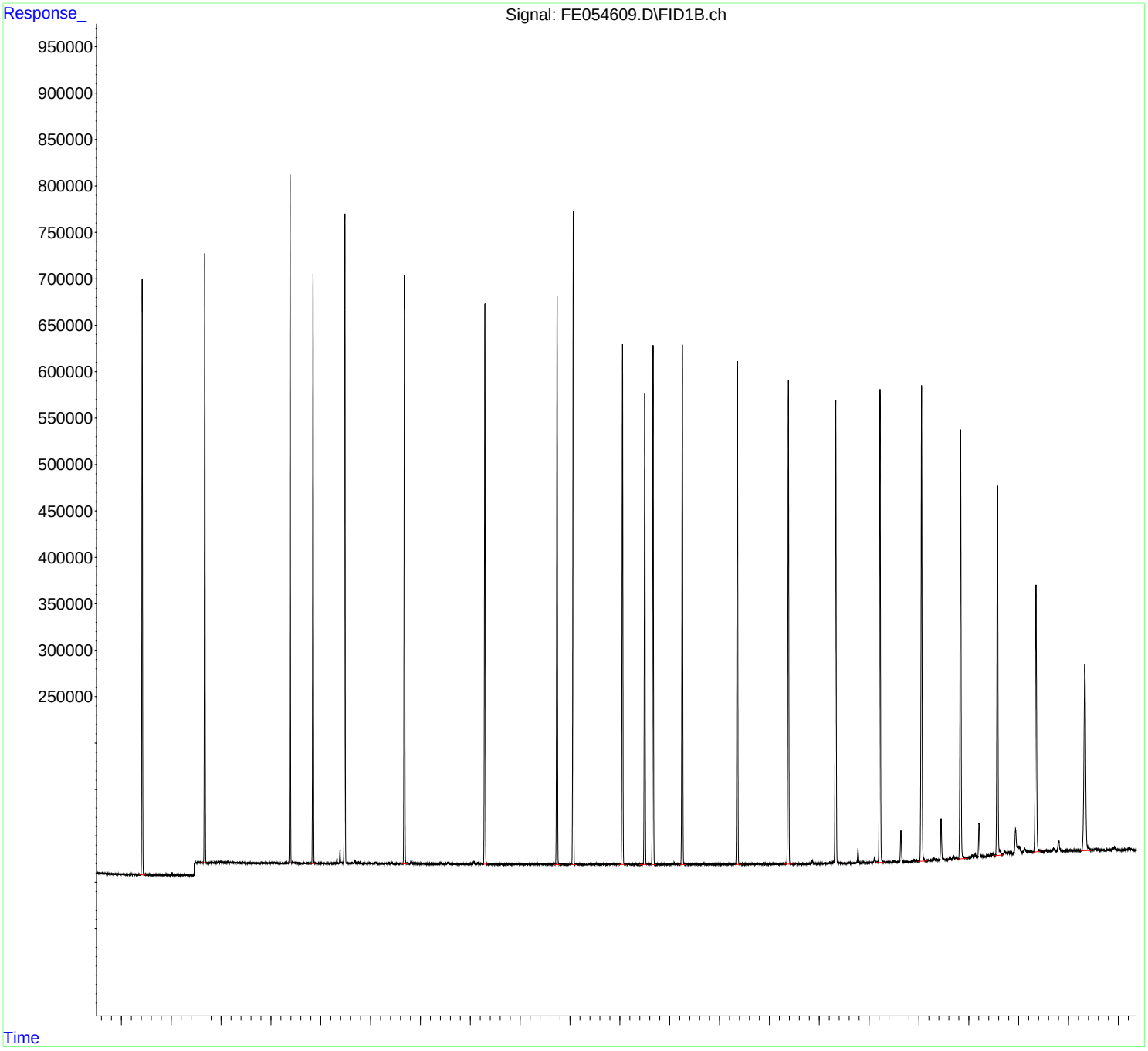
Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

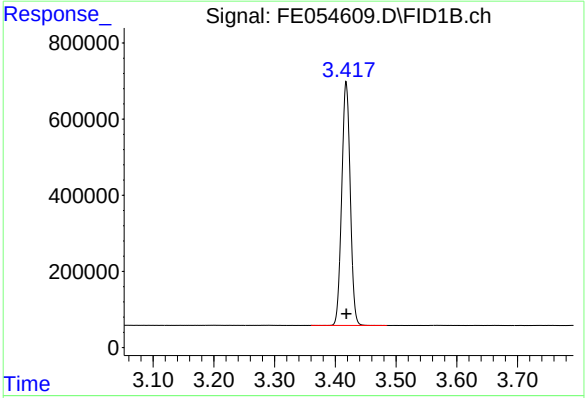
Manual Integrations APPROVED

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





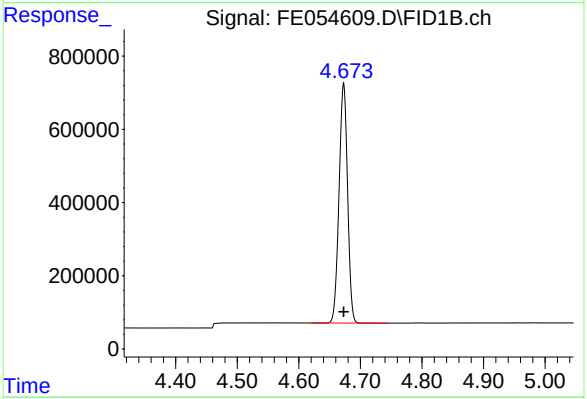
#1 n-Nonane (C9)

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

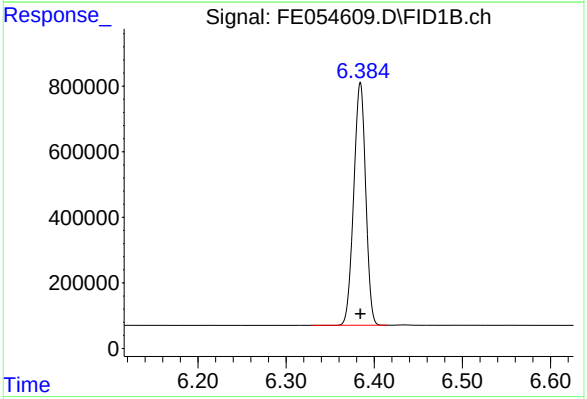
Manual Integrations
APPROVED

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



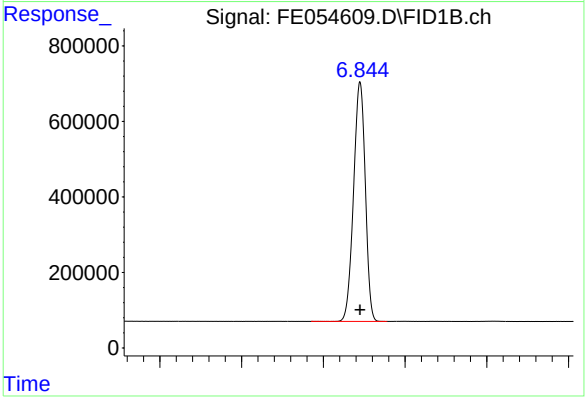
#2 n-Decane (C10)

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



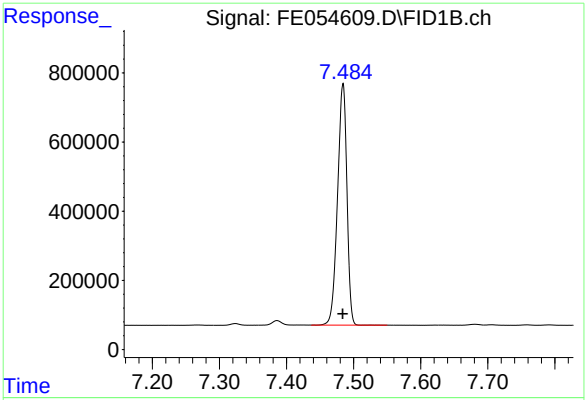
#3 A~Naphthalene (C11.7)

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



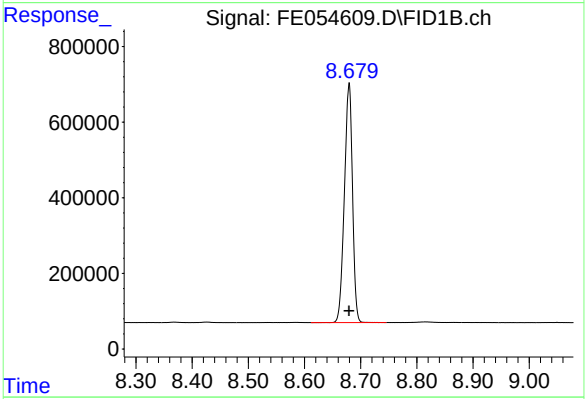
#5 A~2-methylnaphthalene (C12.89)

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

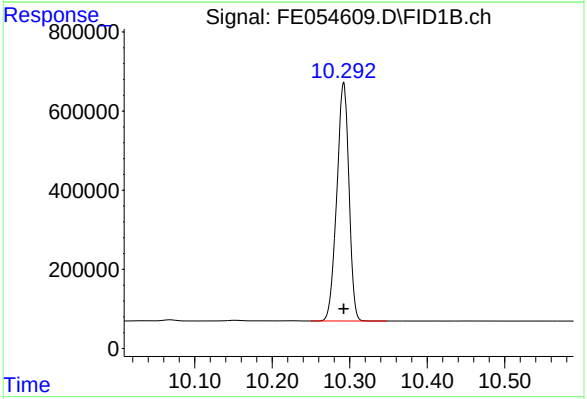
Manual Integrations
APPROVED

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



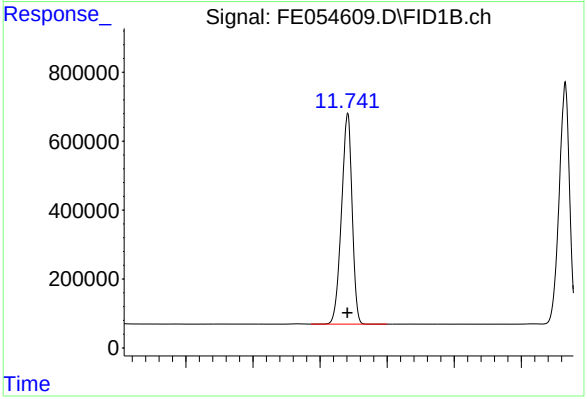
#6 n-Tetradecane (C14)

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



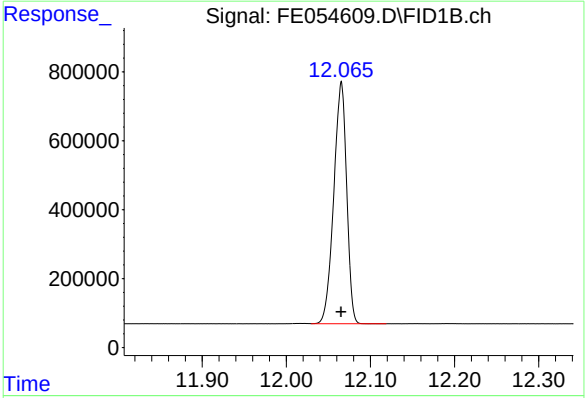
#7 n-Hexadecane (C16)

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



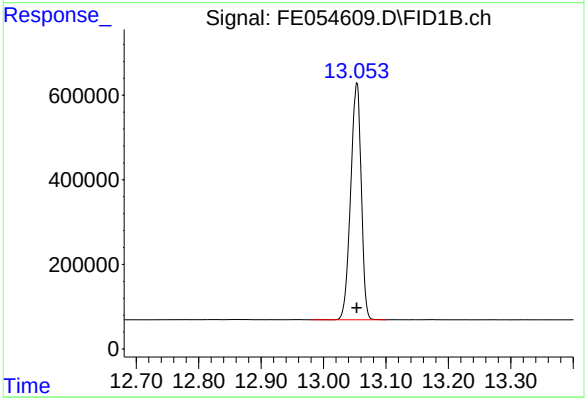
#9 ortho-Terphenyl (SURR)

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

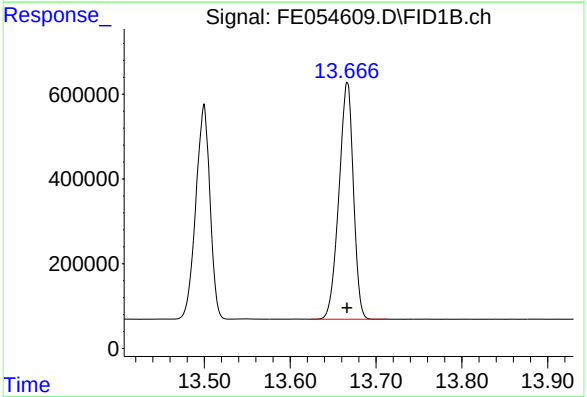
Manual Integrations APPROVED

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



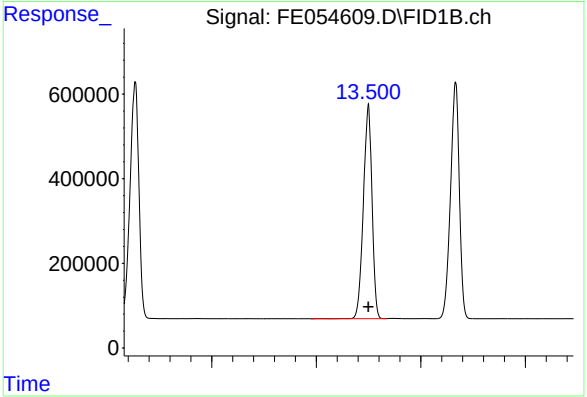
#10 n-Eicosane (C20)

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



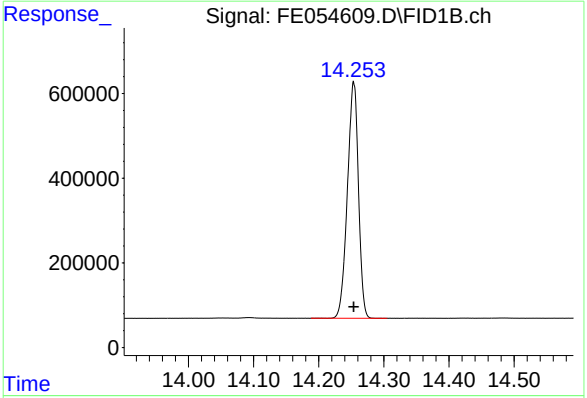
#11 n-Heneicosane (C21)

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



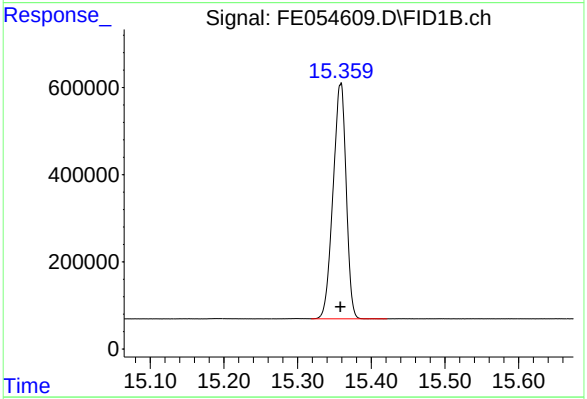
#13 n-Docosane (C22)

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

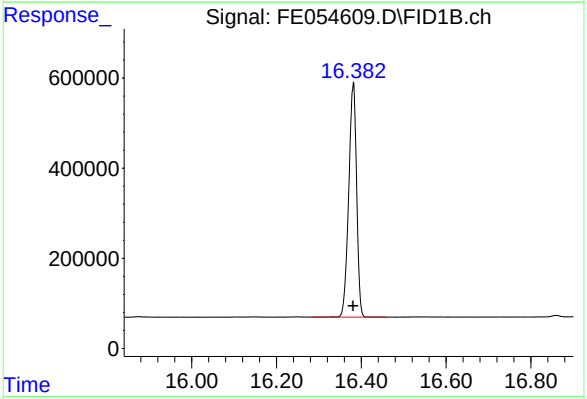
Manual Integrations
APPROVED

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



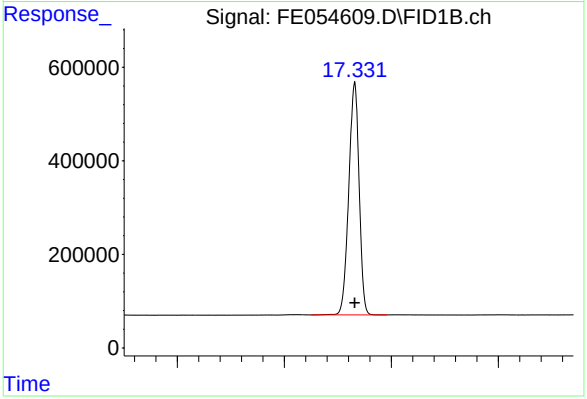
#14 n-Tetracosane (C24)

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



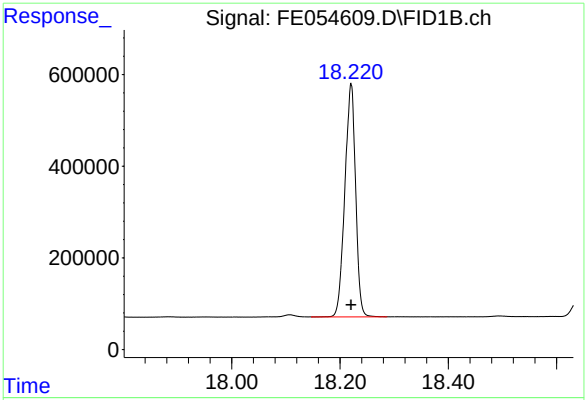
#15 n-Hexacosane (C26)

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



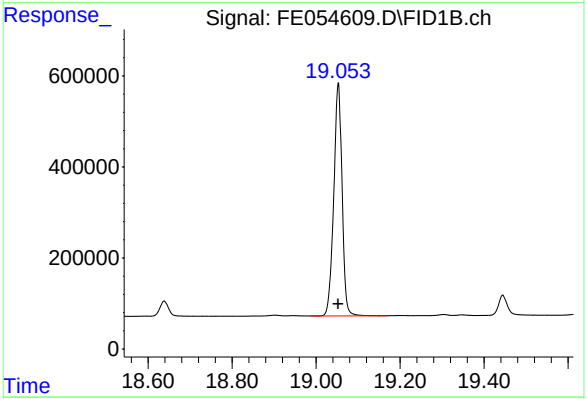
#17 n-Tricontane (C30)

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

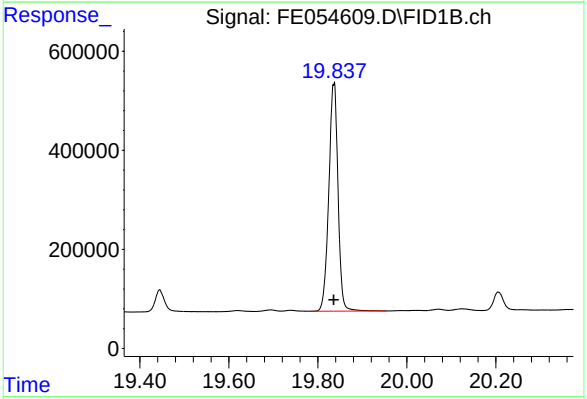
Manual Integrations
APPROVED

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



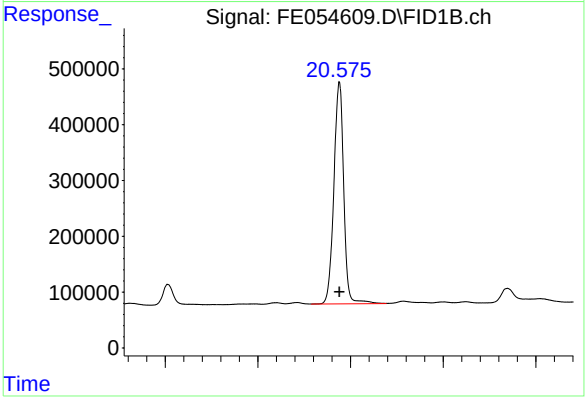
#18 n-Dotriacontane (C32)

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



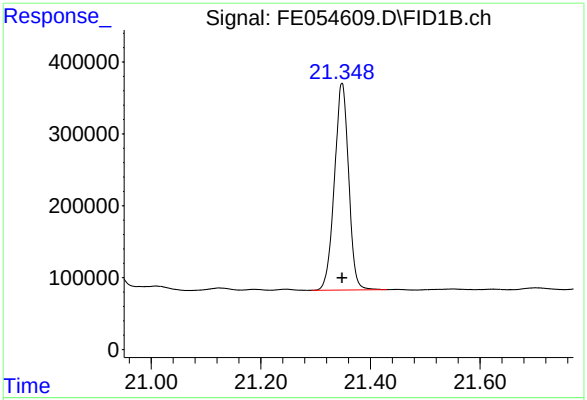
#19 n-Tetratriacontane (C34)

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



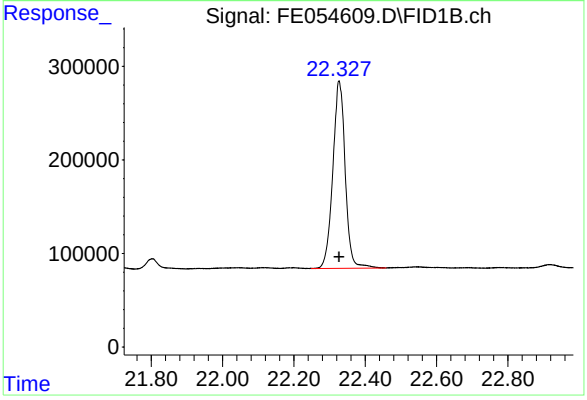
#21 n-Octatriacontane (C38)

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.

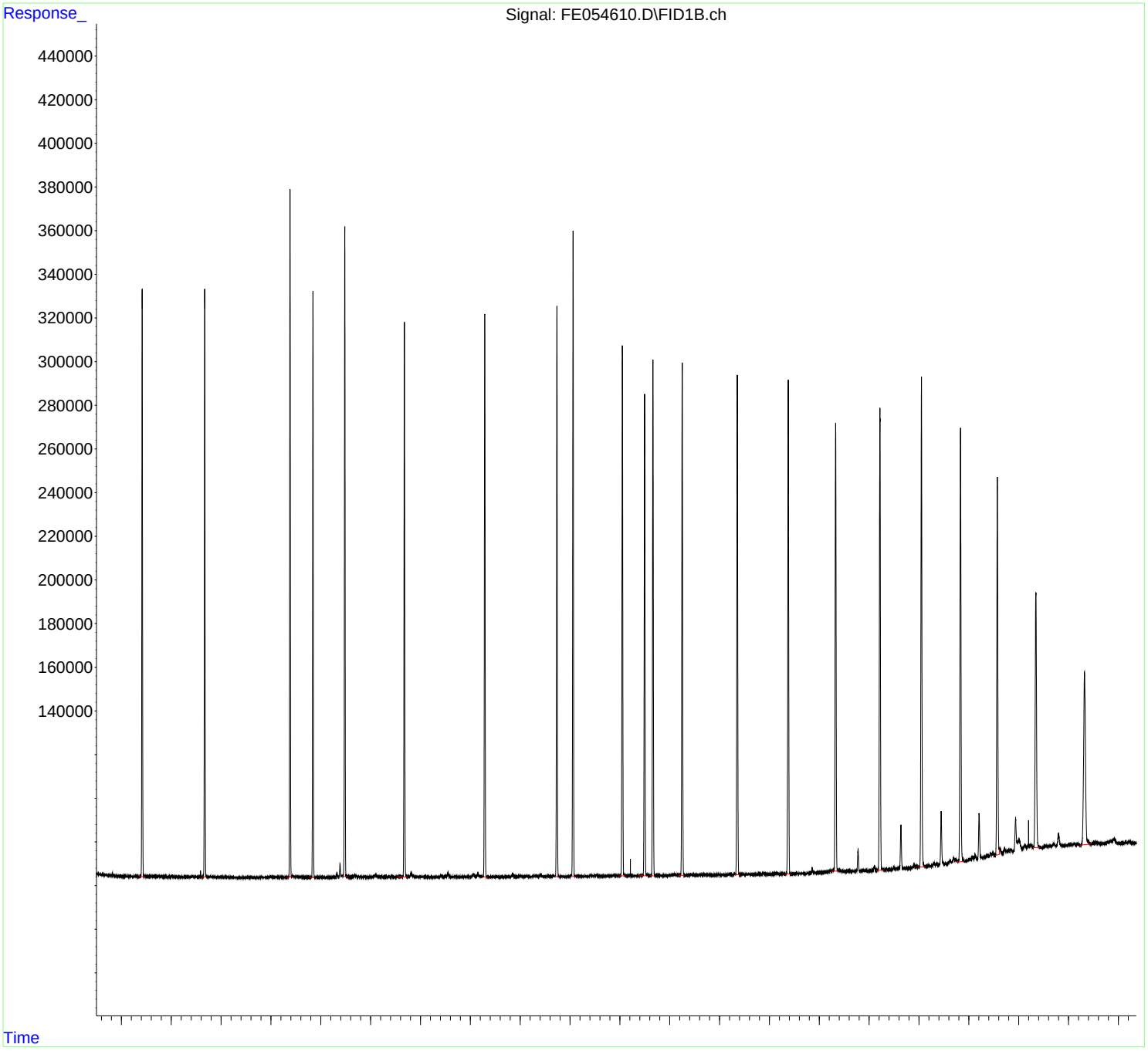
Quantitation Report (QT Reviewed)

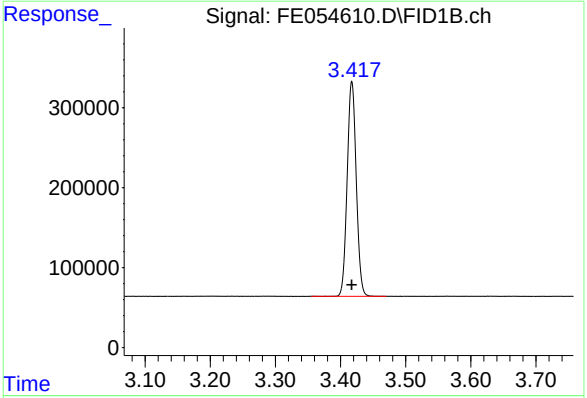
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054610.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 13:53
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

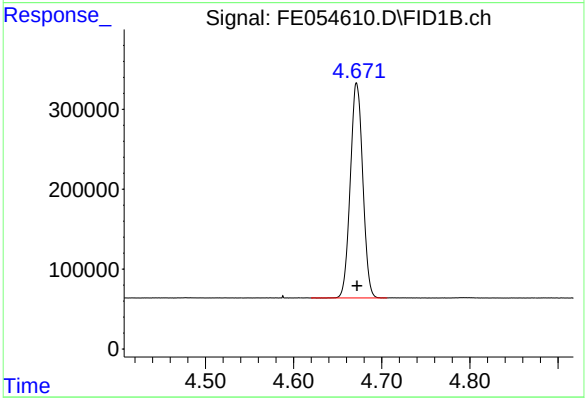




#1 n-Nonane (C9)

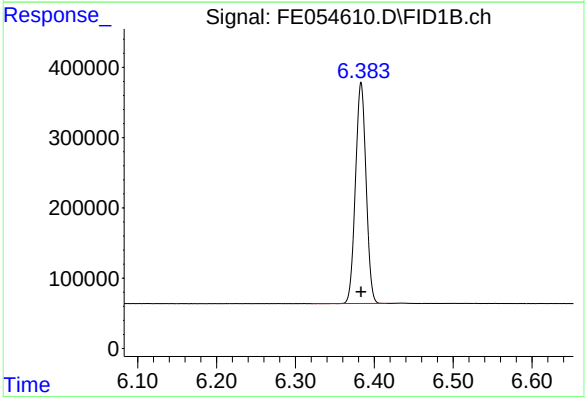
R.T.: 3.417 min
Delta R.T.: 0.000 min
Response: 2604070
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



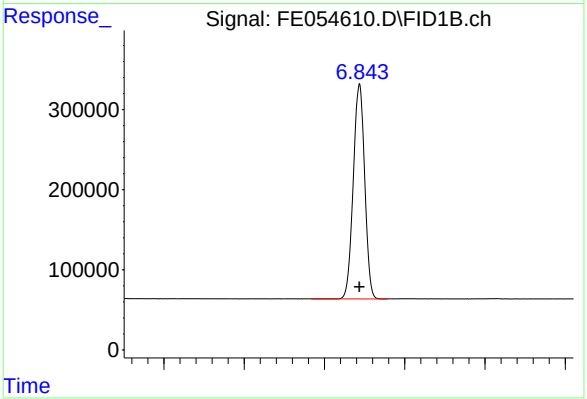
#2 n-Decane (C10)

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



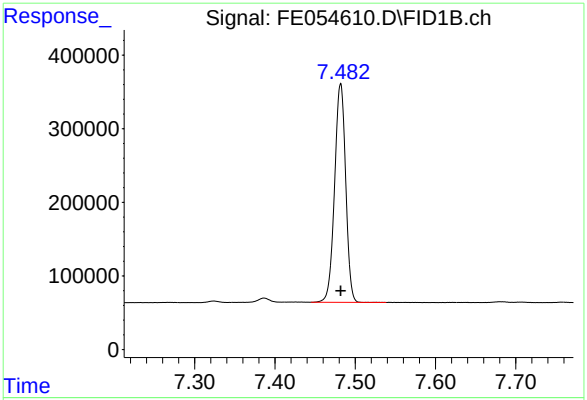
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

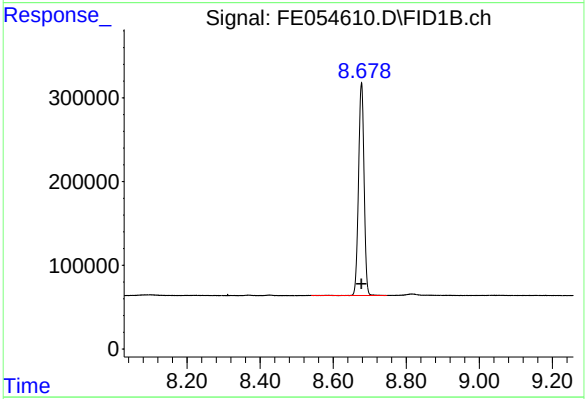
R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 2657748
Conc: 20.00 ug/ml



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

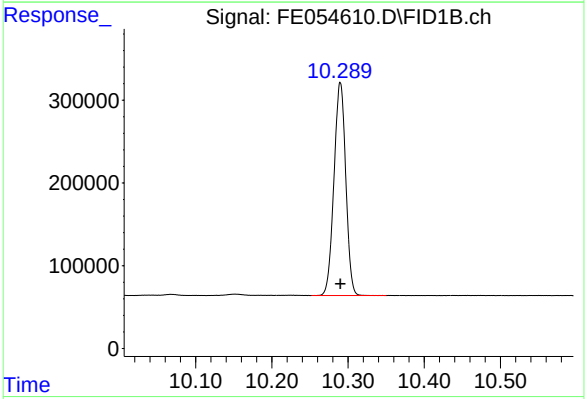
R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 2851436
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



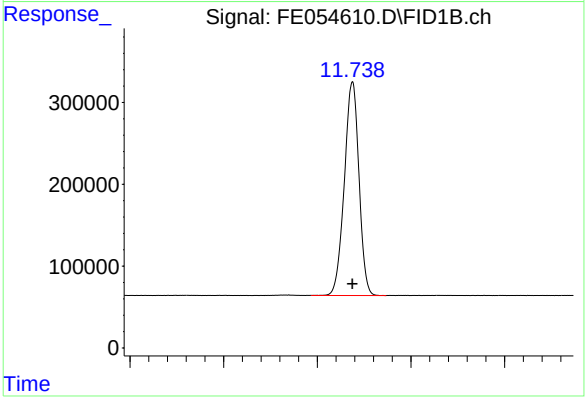
#6 n-Tetradecane (C14)

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



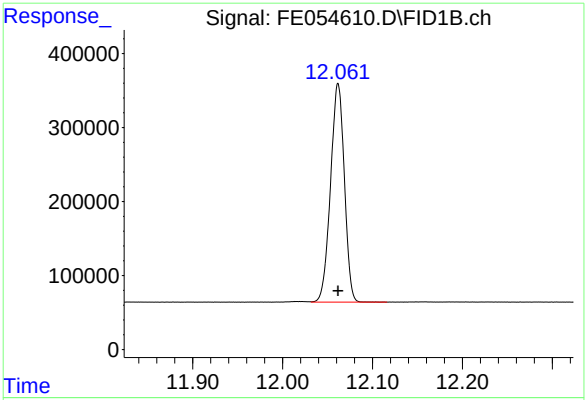
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

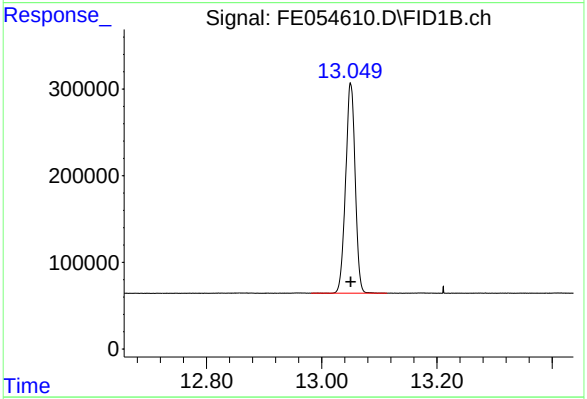
R.T.: 11.737 min
Delta R.T.: 0.000 min
Response: 2838043
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

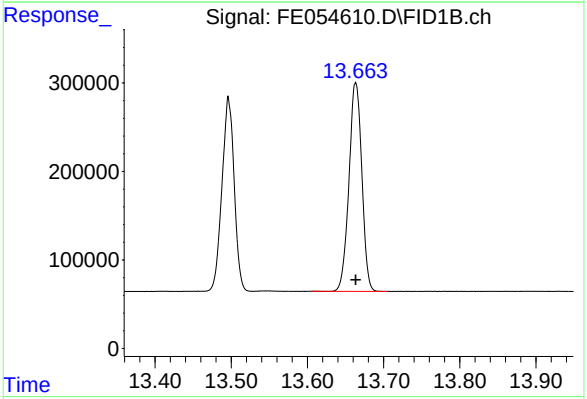
R.T.: 12.062 min
Delta R.T.: 0.000 min
Response: 3156943
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



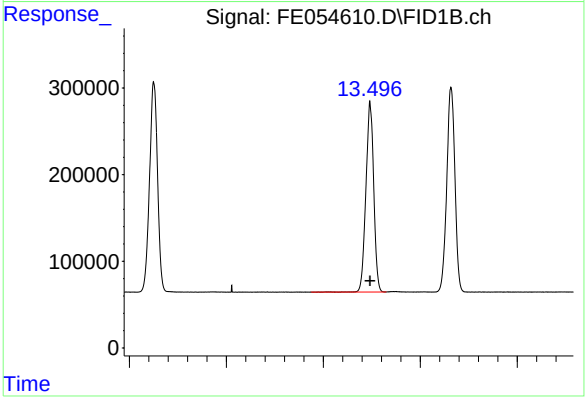
#10 n-Eicosane (C20)

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



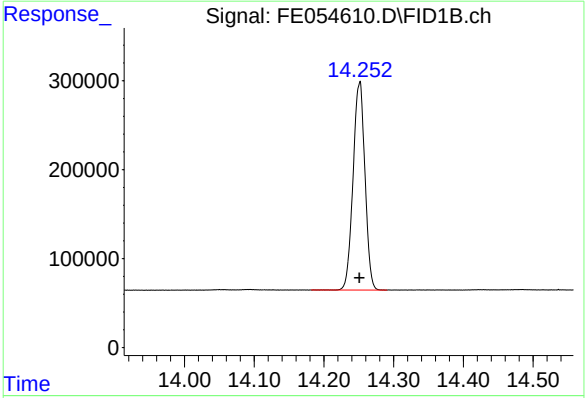
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

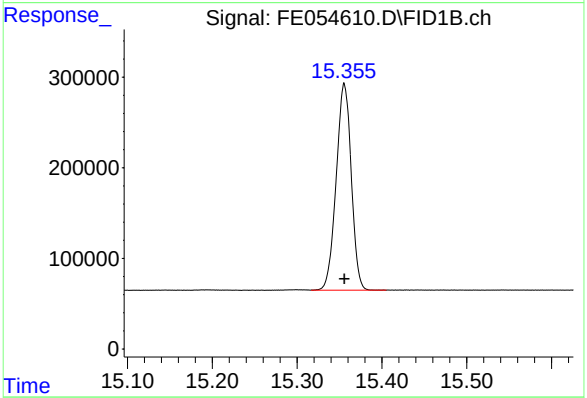
R.T.: 13.497 min
Delta R.T.: 0.000 min
Response: 2452207
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

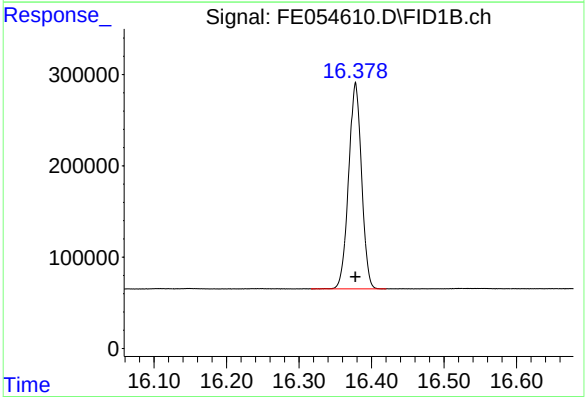
R.T.: 14.251 min
Delta R.T.: 0.000 min
Response: 2773055
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



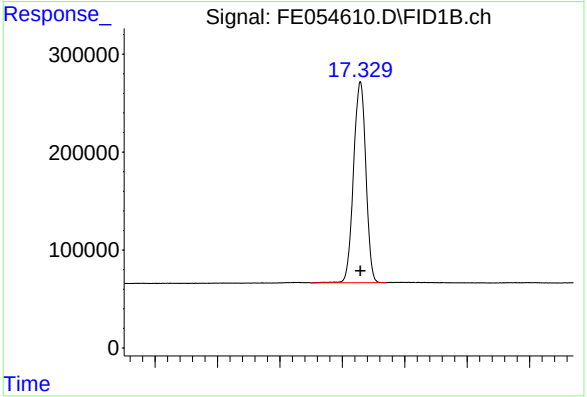
#14 n-Tetracosane (C24)

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



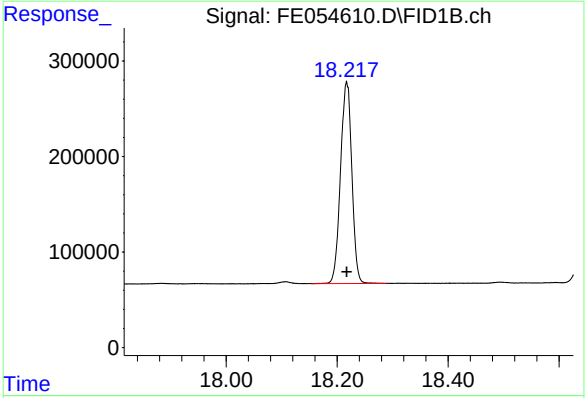
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

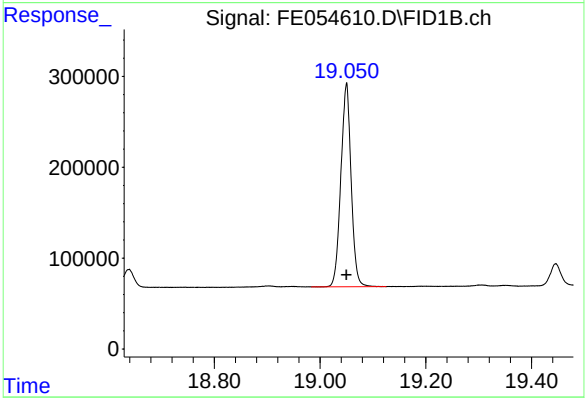
R.T.: 17.329 min
Delta R.T.: 0.000 min
Response: 2814947
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

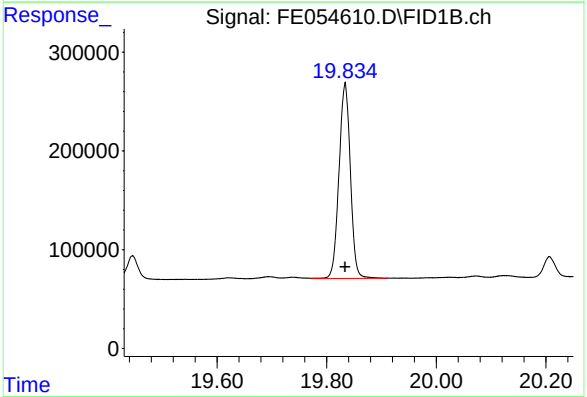
R.T.: 18.217 min
Delta R.T.: 0.000 min
Response: 2997062
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



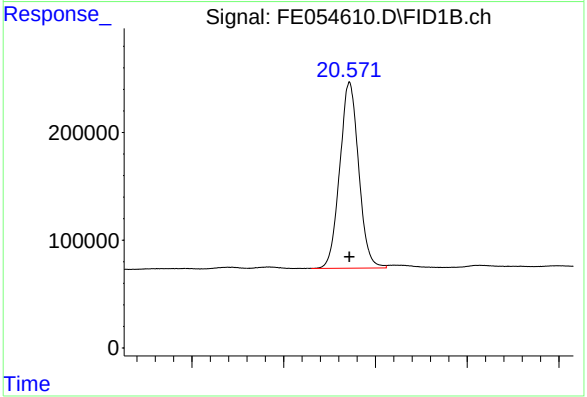
#18 n-Dotriacontane (C32)

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



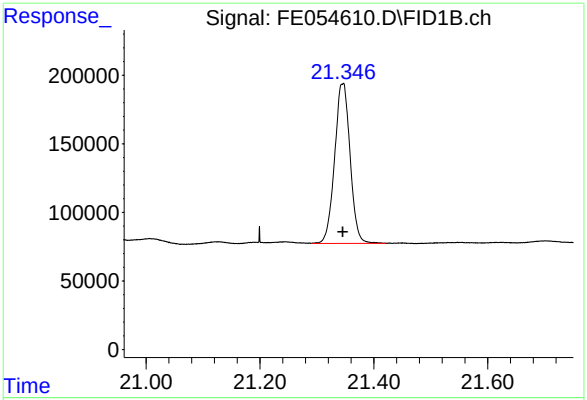
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

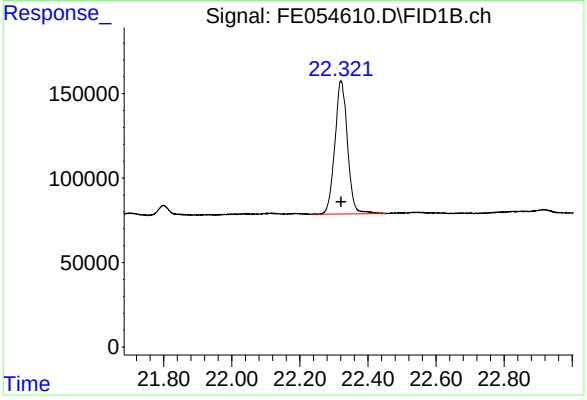
R.T.: 20.572 min
Delta R.T.: 0.000 min
Response: 2473790
Conc: 20.00 ug/ml



#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

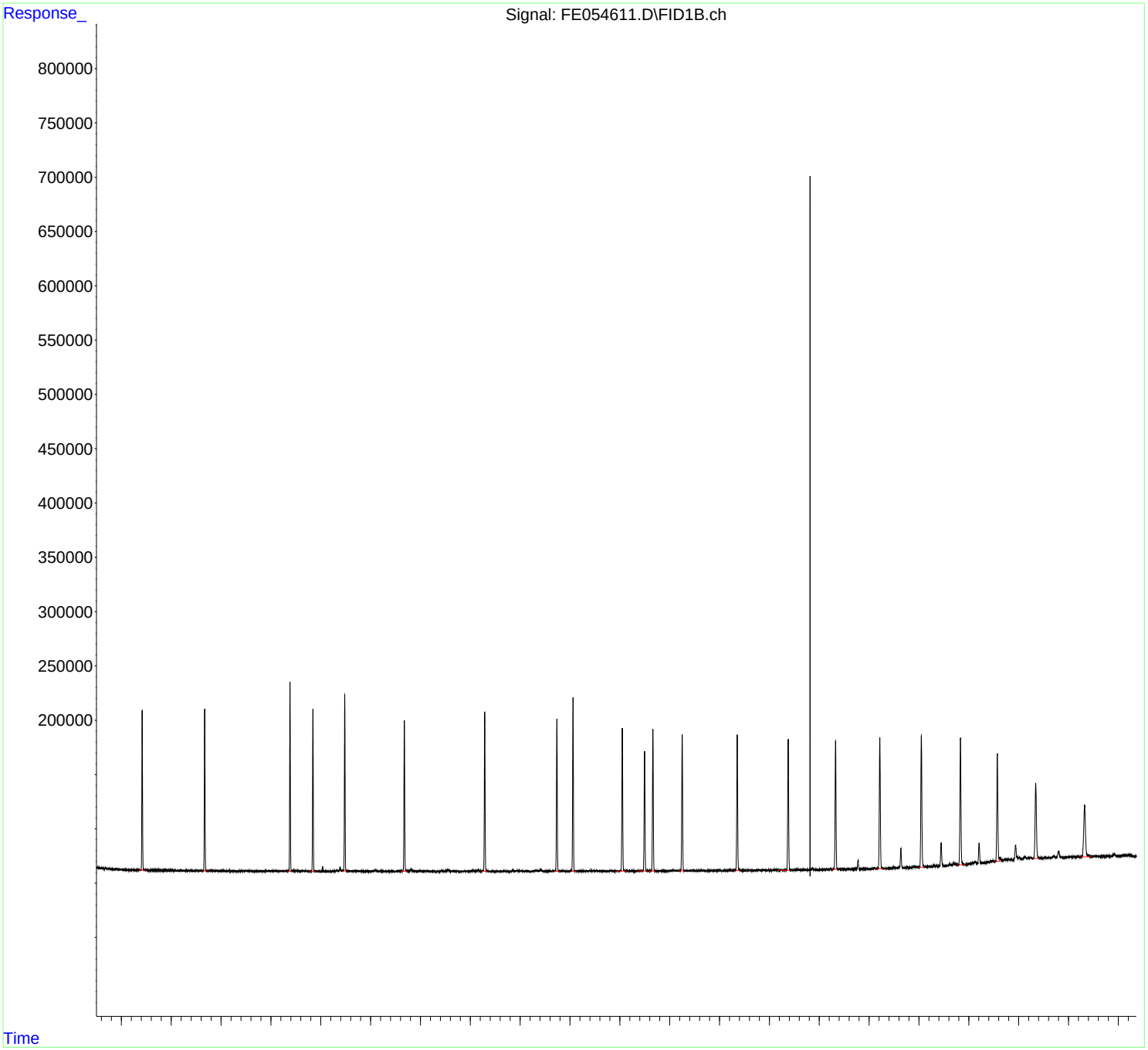
(f)=RT Delta > 1/2 Window (m)=manual int.

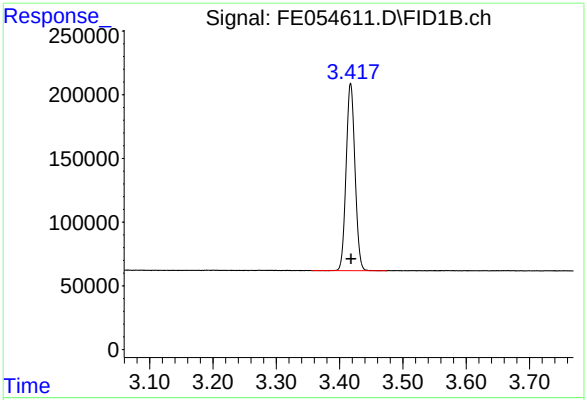
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054611.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 14:23
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

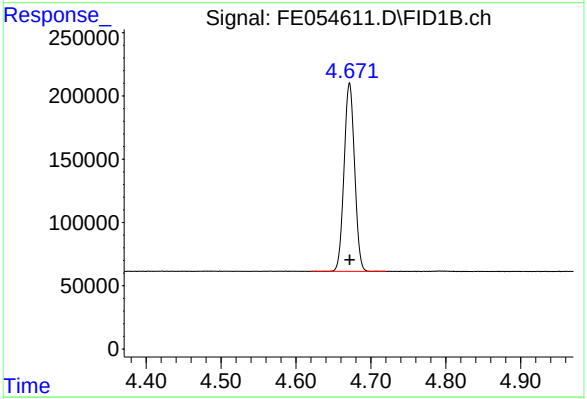




#1 n-Nonane (C9)

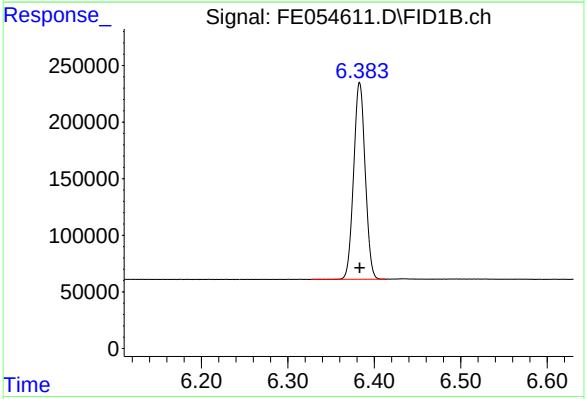
R.T.: 3.418 min
Delta R.T.: 0.000 min
Response: 1430994
Conc: 10.92 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



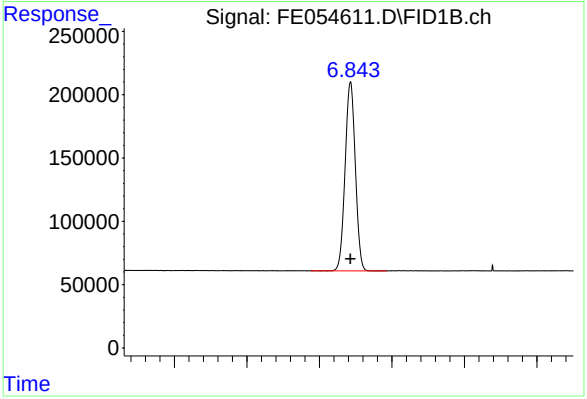
#2 n-Decane (C10)

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



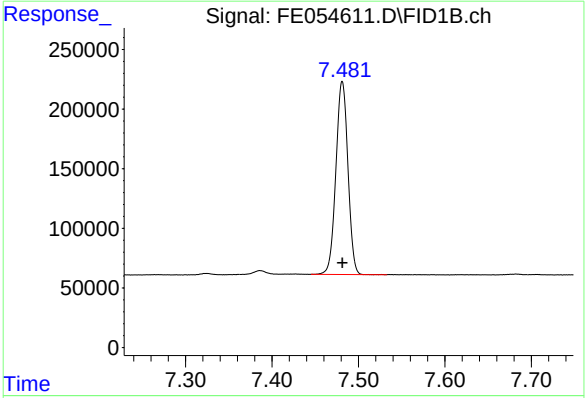
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

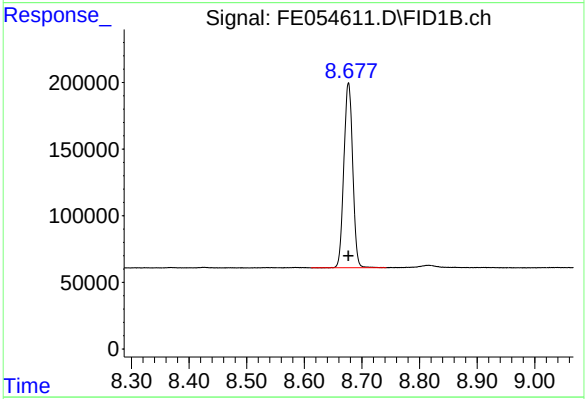
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 1461644
Conc: 10.94 ug/ml



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

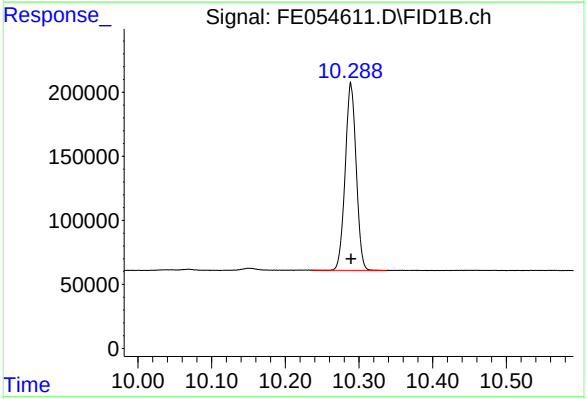
R.T.: 7.481 min
Delta R.T.: 0.000 min
Response: 1563539
Conc: 10.92 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



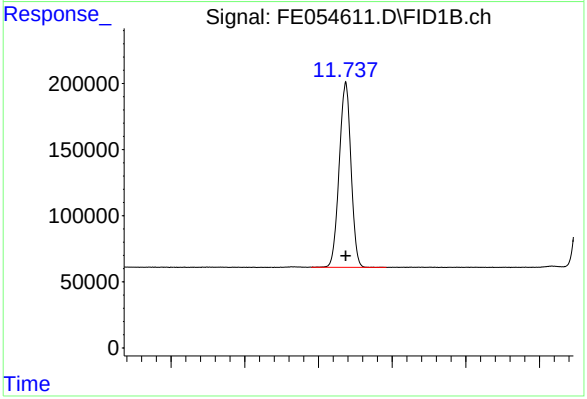
#6 n-Tetradecane (C14)

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



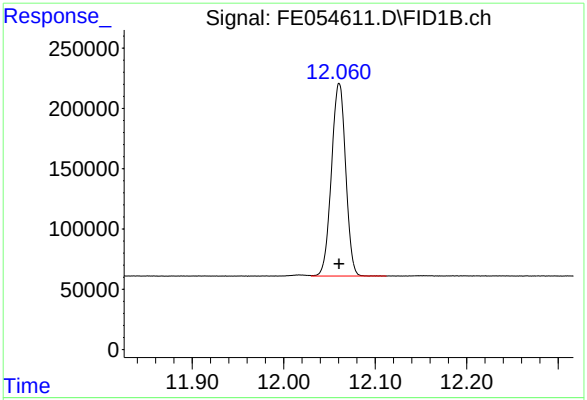
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

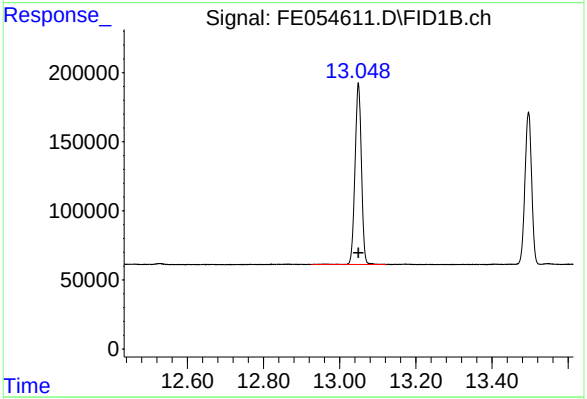
R.T.: 11.737 min
Delta R.T.: 0.000 min
Response: 1554612
Conc: 10.92 ug/ml



#9 ortho-Terphenyl (SURR)

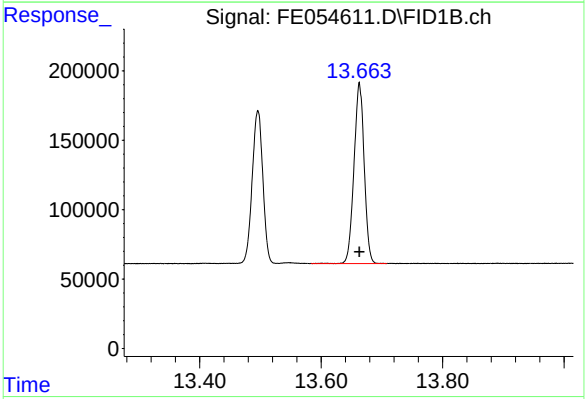
R.T.: 12.061 min
Delta R.T.: 0.000 min
Response: 1724999
Conc: 10.91 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



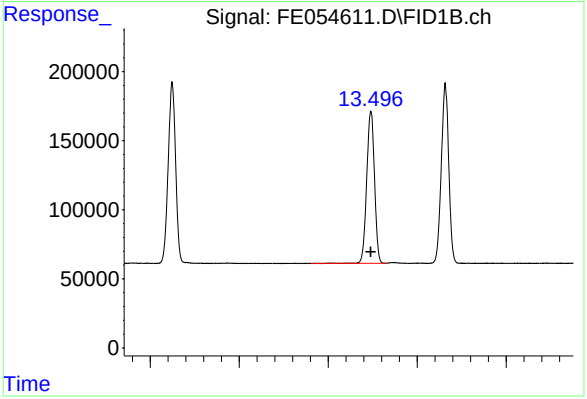
#10 n-Eicosane (C20)

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



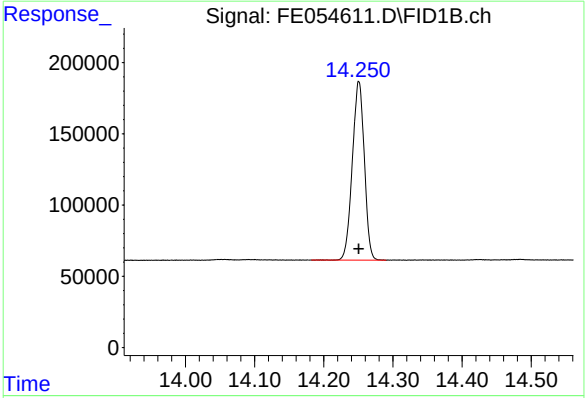
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

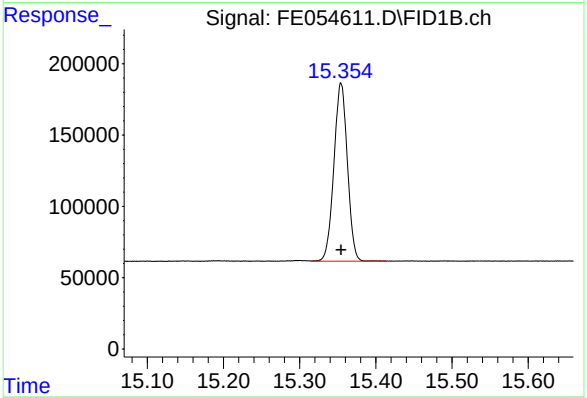
R.T.: 13.496 min
Delta R.T.: 0.000 min
Response: 1337321
Conc: 10.88 ug/ml



#13 n-Docosane (C22)

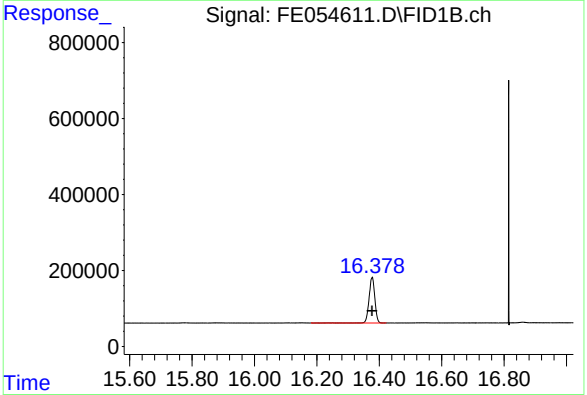
R.T.: 14.251 min
Delta R.T.: 0.000 min
Response: 1512806
Conc: 10.88 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



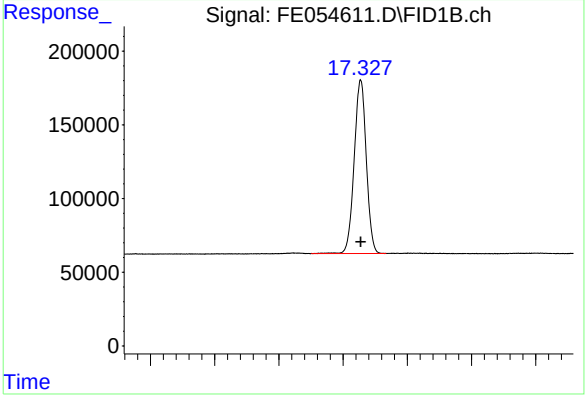
#14 n-Tetracosane (C24)

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



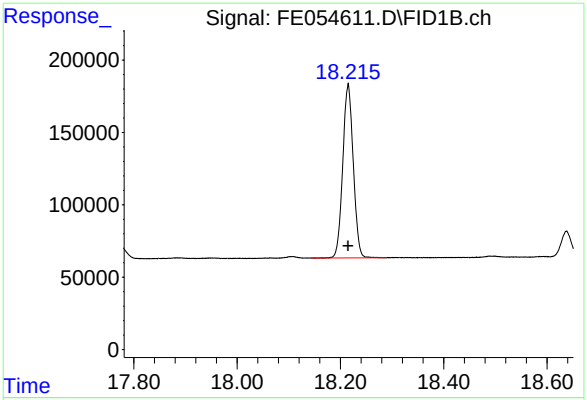
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

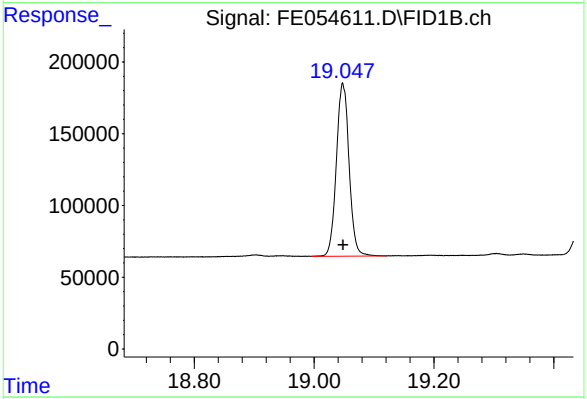
R.T.: 17.327 min
Delta R.T.: 0.000 min
Response: 1542456
Conc: 10.93 ug/ml



#17 n-Tricontane (C30)

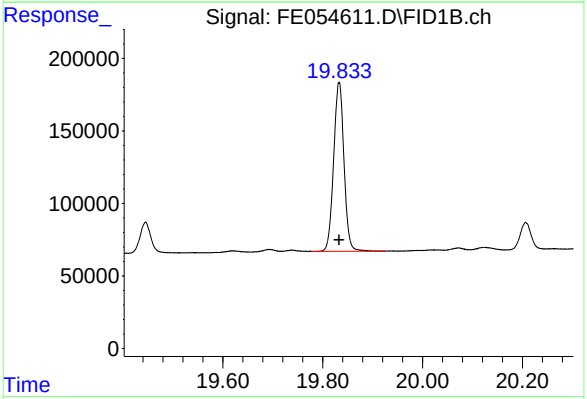
R.T.: 18.215 min
Delta R.T.: 0.000 min
Response: 1692830
Conc: 11.34 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



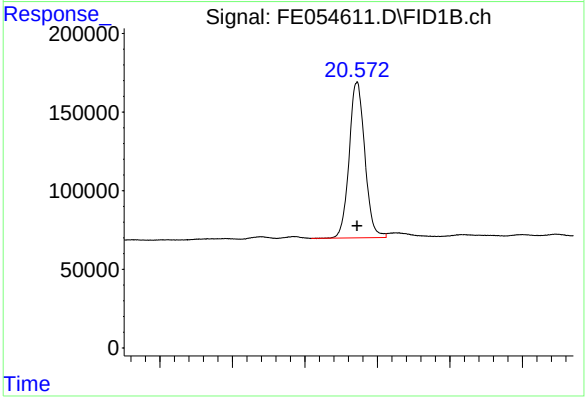
#18 n-Dotriacontane (C32)

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



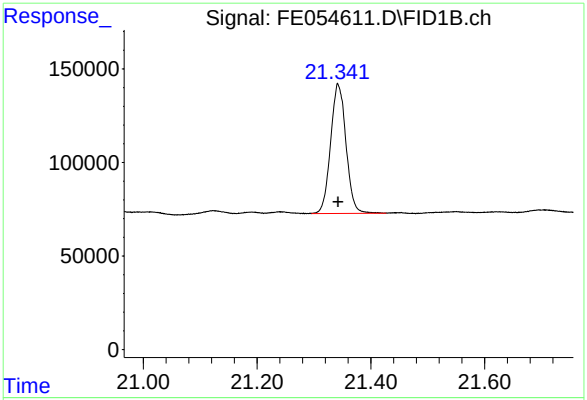
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

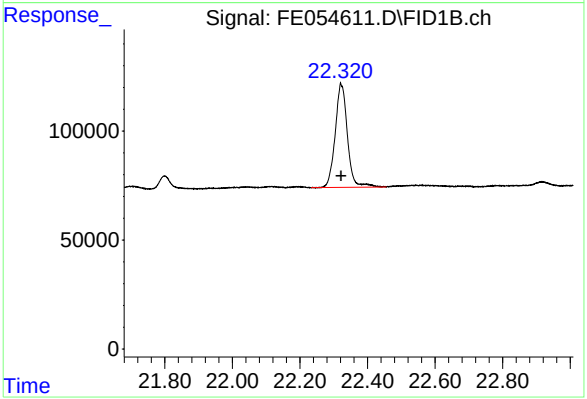
R.T.: 20.572 min
Delta R.T.: 0.000 min
Response: 1485639
Conc: 11.87 ug/ml



#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

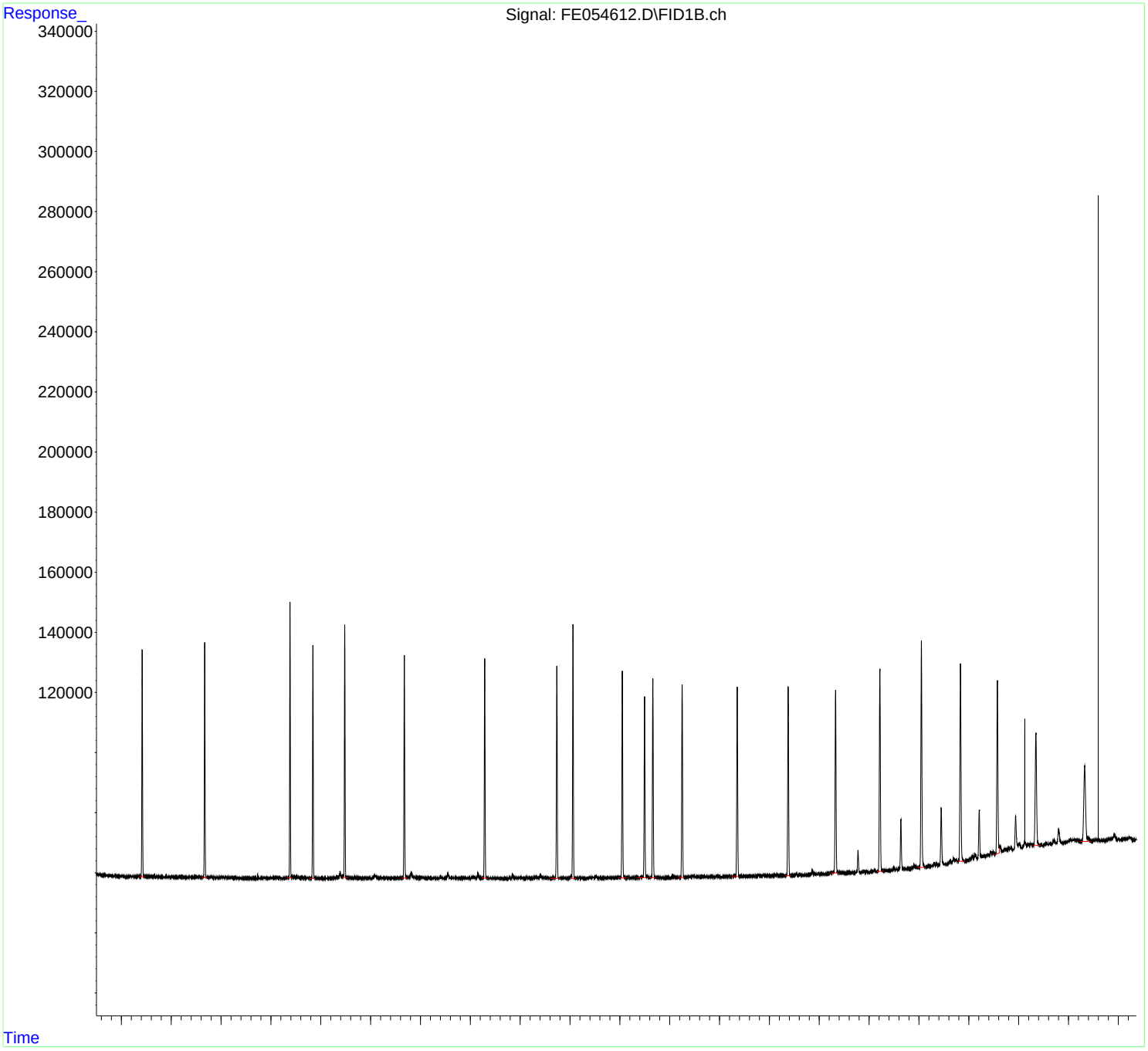
(f)=RT Delta > 1/2 Window (m)=manual int.

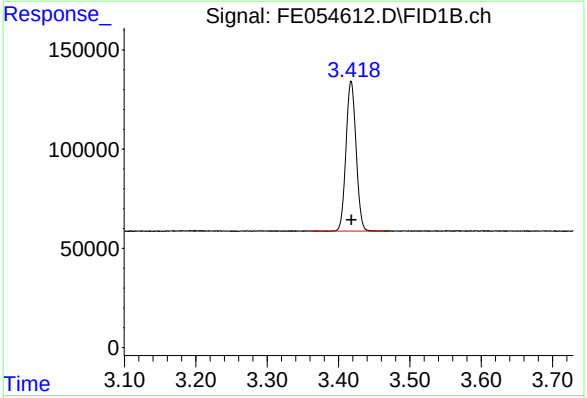
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054612.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 14:54
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

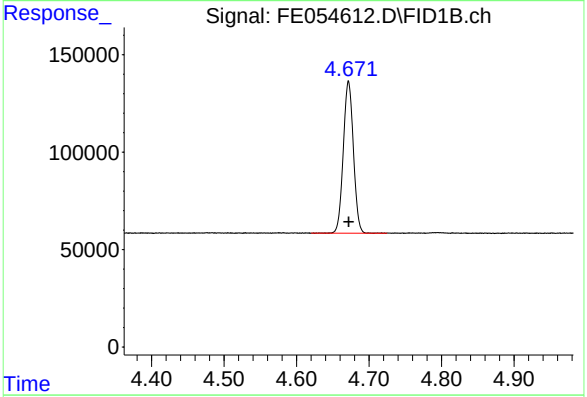




#1 n-Nonane (C9)

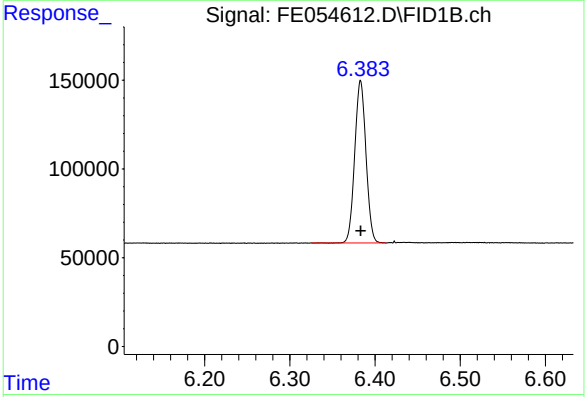
R.T.: 3.418 min
Delta R.T.: 0.000 min
Response: 741733
Conc: 5.51 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



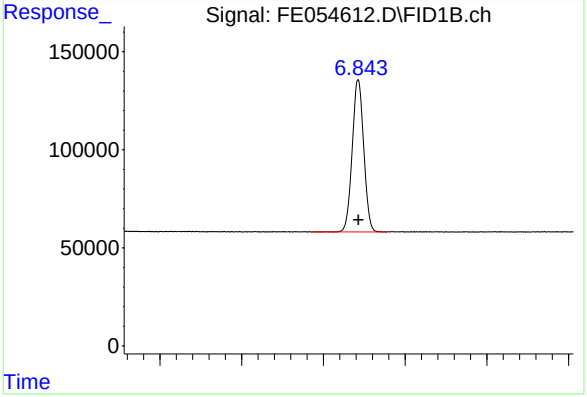
#2 n-Decane (C10)

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



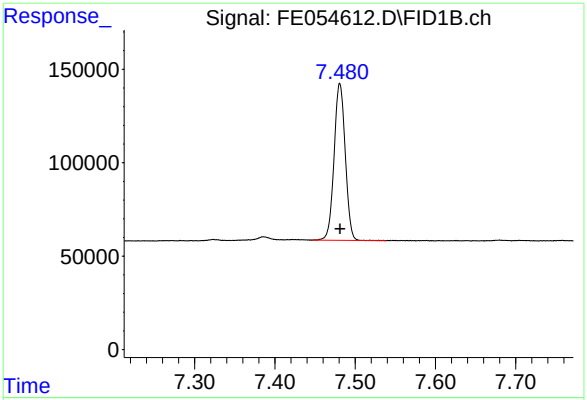
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

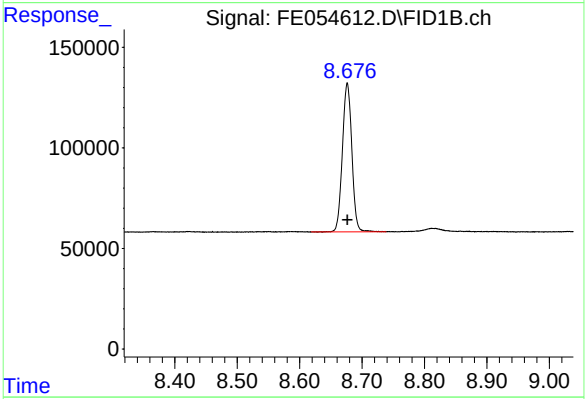
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 758434
Conc: 5.53 ug/ml



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

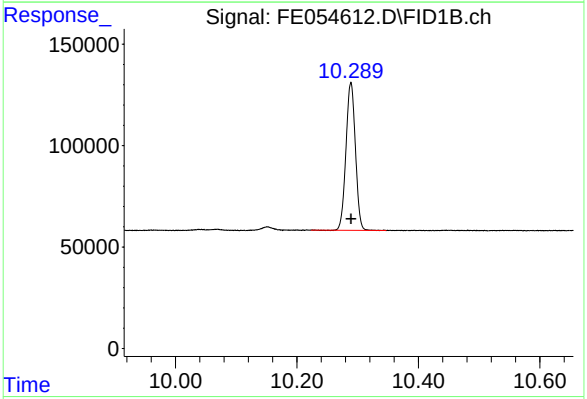
R.T.: 7.481 min
Delta R.T.: 0.000 min
Response: 812009
Conc: 5.52 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



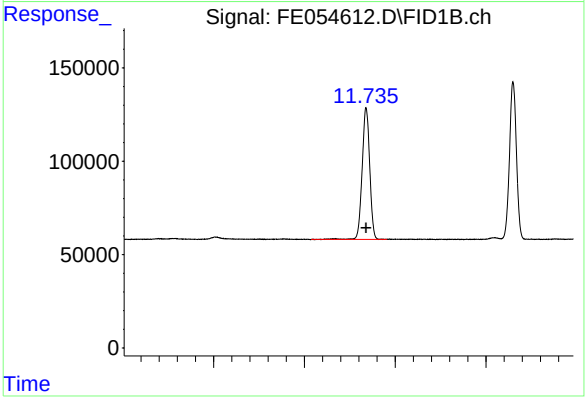
#6 n-Tetradecane (C14)

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



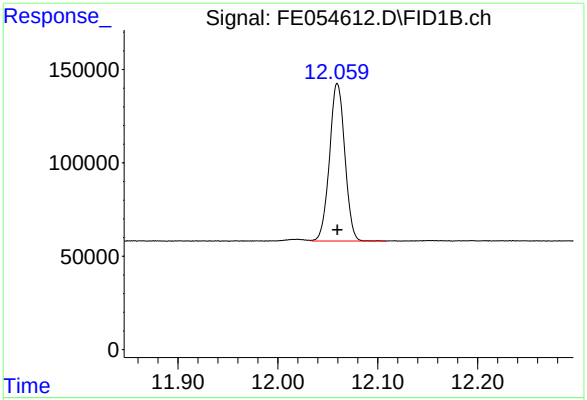
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

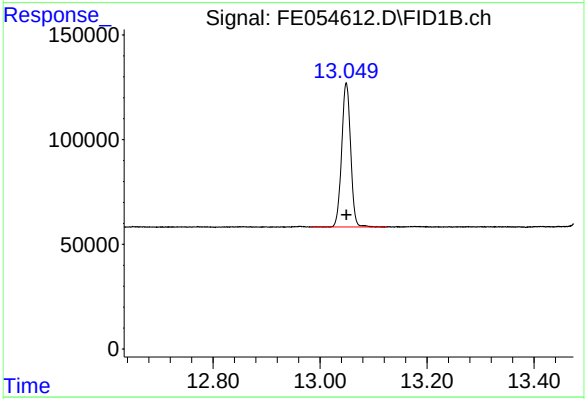
R.T.: 11.736 min
Delta R.T.: 0.000 min
Response: 817448
Conc: 5.58 ug/ml



#9 ortho-Terphenyl (SURR)

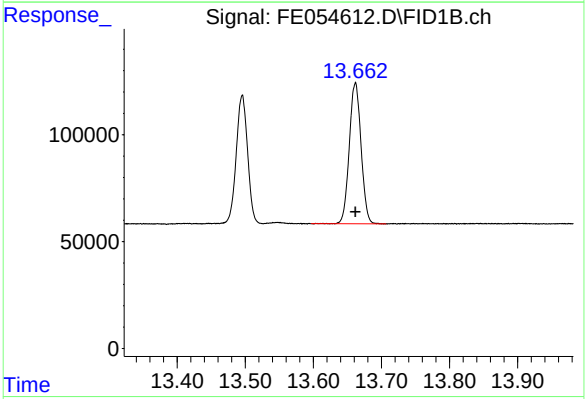
R.T.: 12.060 min
Delta R.T.: 0.000 min
Response: 897784
Conc: 5.53 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



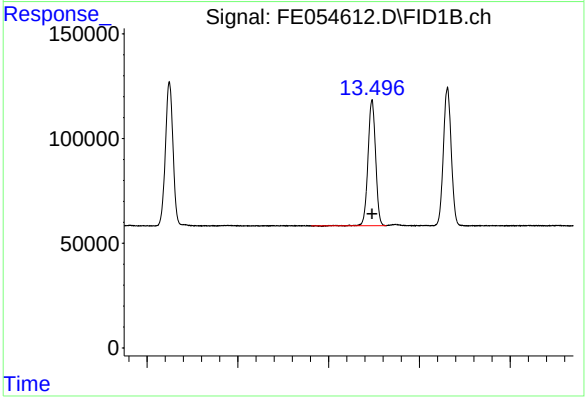
#10 n-Eicosane (C20)

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



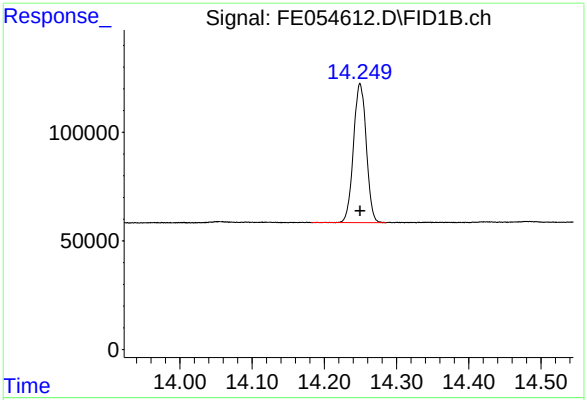
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

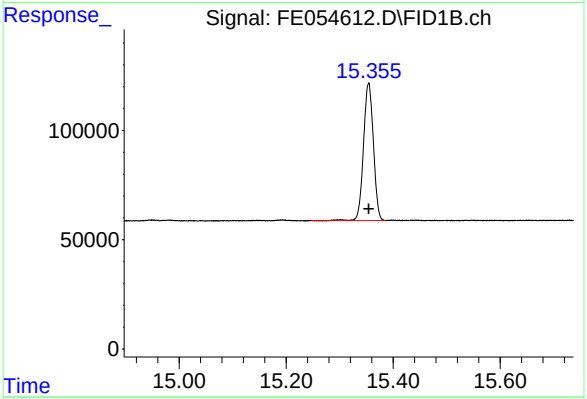
R.T.: 13.496 min
Delta R.T.: 0.000 min
Response: 698976
Conc: 5.53 ug/ml



#13 n-Docosane (C22)

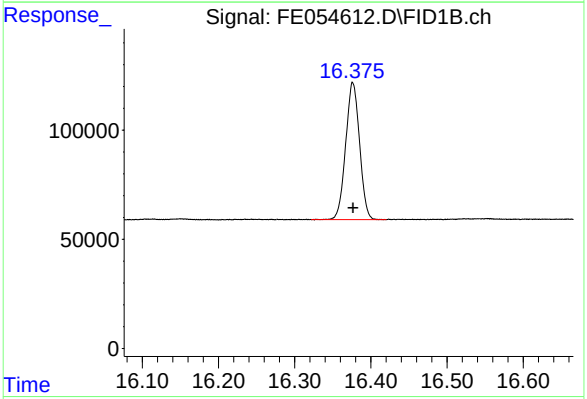
R.T.: 14.250 min
Delta R.T.: 0.000 min
Response: 787773
Conc: 5.52 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



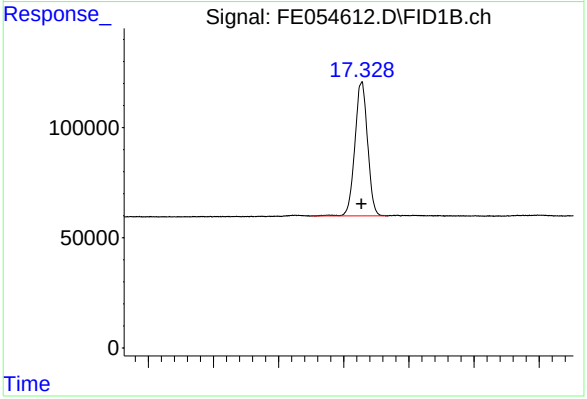
#14 n-Tetracosane (C24)

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



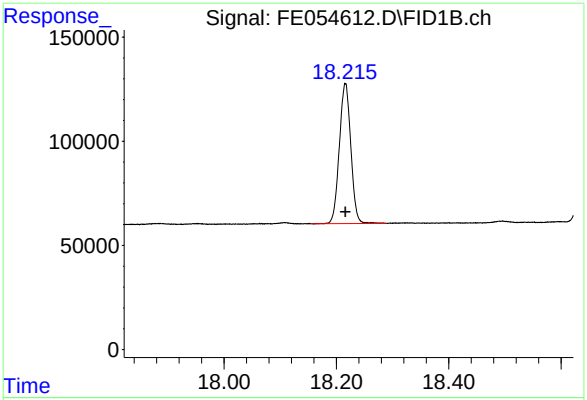
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

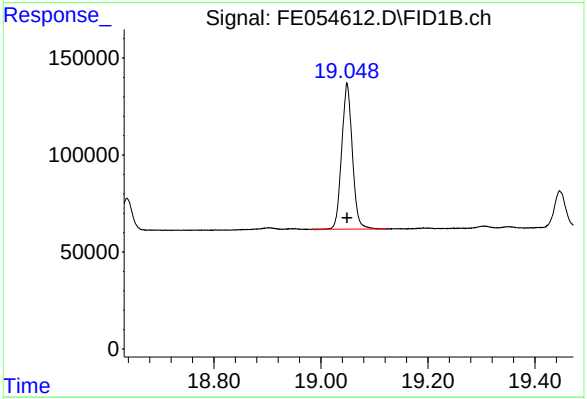
R.T.: 17.327 min
Delta R.T.: 0.000 min
Response: 822169
Conc: 5.64 ug/ml



#17 n-Tricontane (C30)

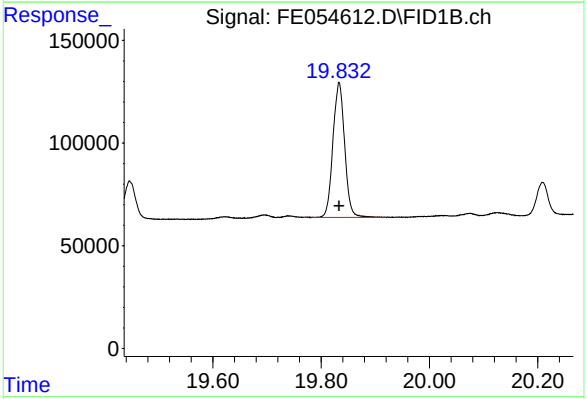
R.T.: 18.216 min
Delta R.T.: 0.000 min
Response: 953767
Conc: 6.05 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



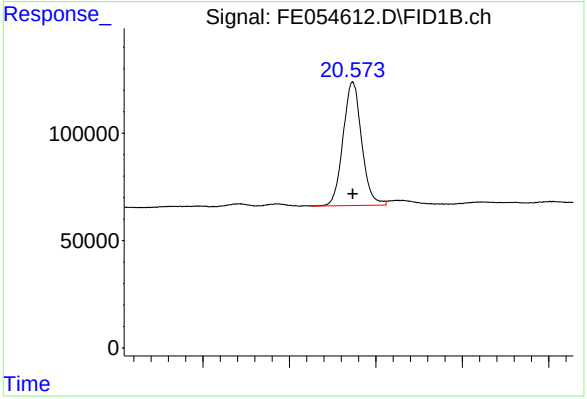
#18 n-Dotriacontane (C32)

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



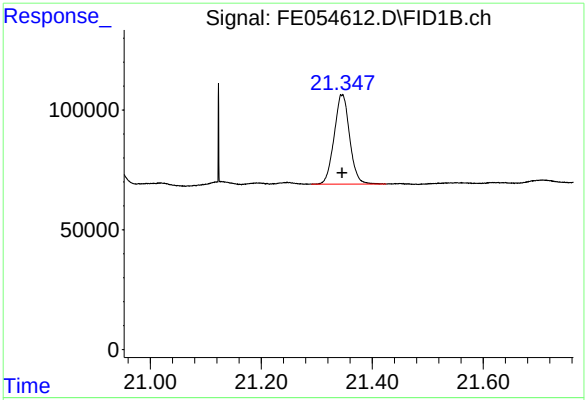
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

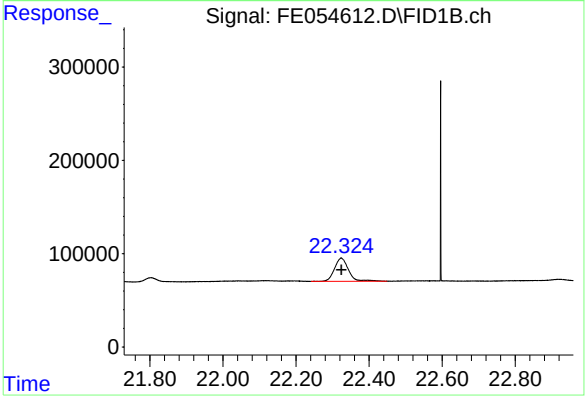
R.T.: 20.573 min
Delta R.T.: 0.000 min
Response: 858425
Conc: 6.38 ug/ml



#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

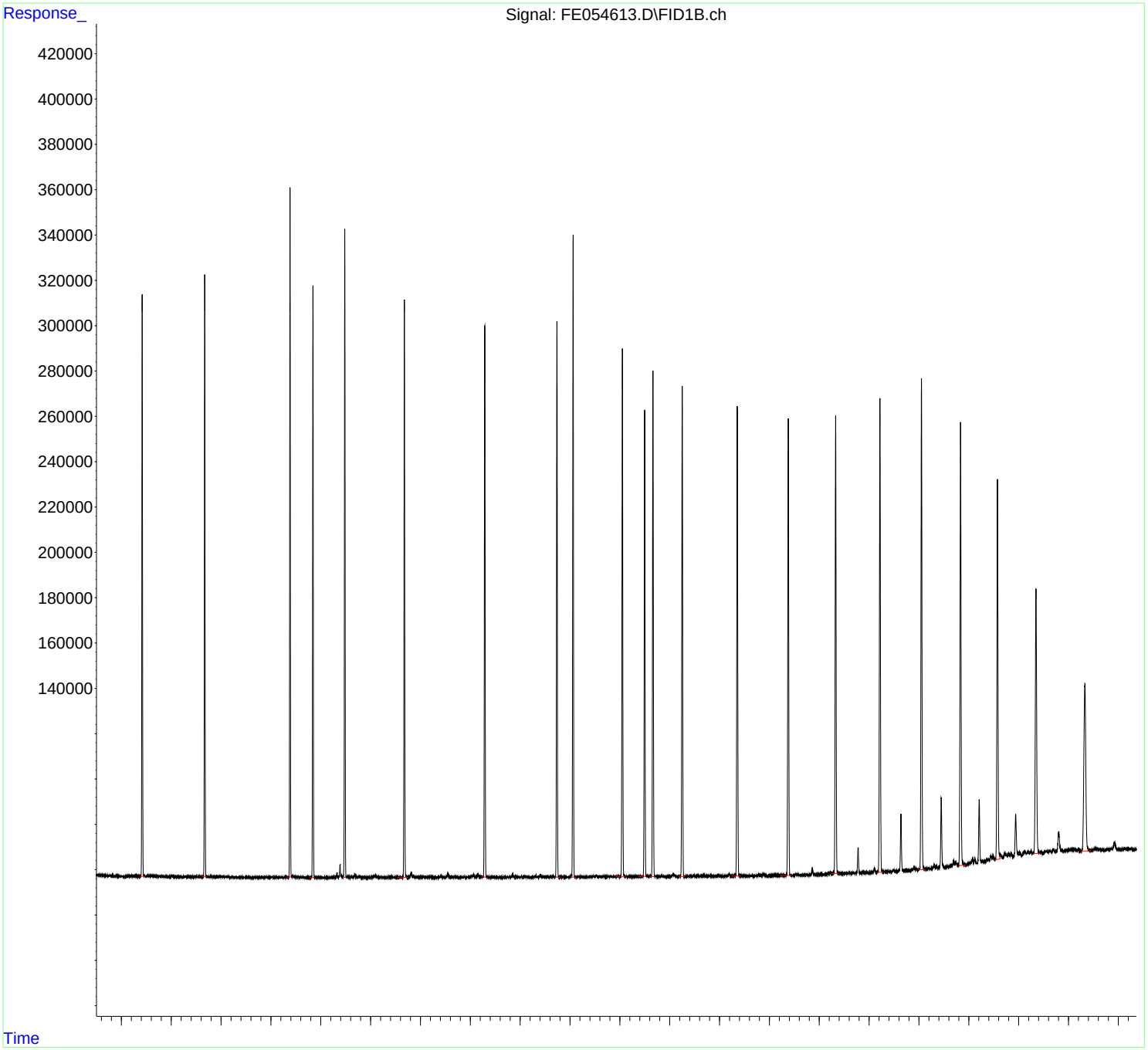
(f)=RT Delta > 1/2 Window (m)=manual int.

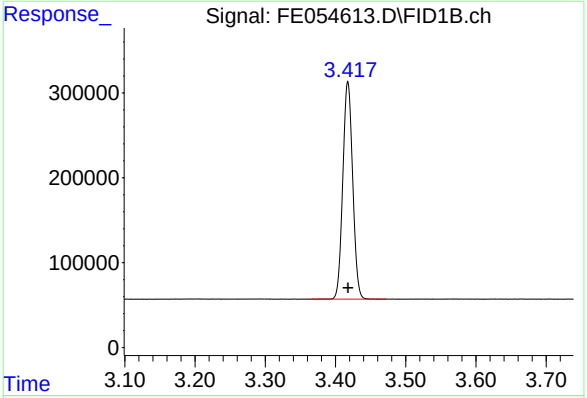
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
Data File : FE054613.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2025 15:24
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

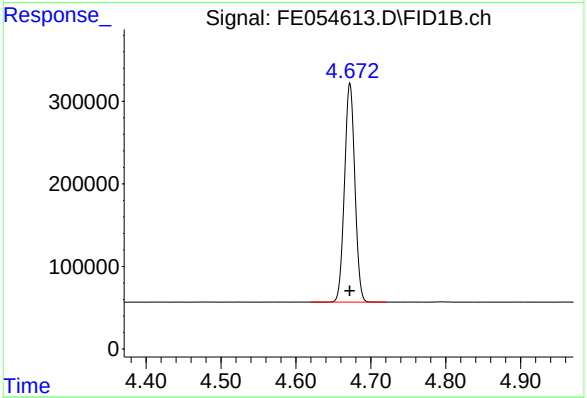




#1 n-Nonane (C9)

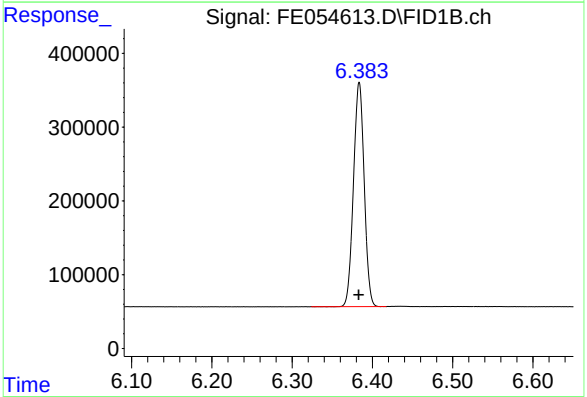
R.T.: 3.418 min
Delta R.T.: 0.000 min
Response: 2502645
Conc: 18.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



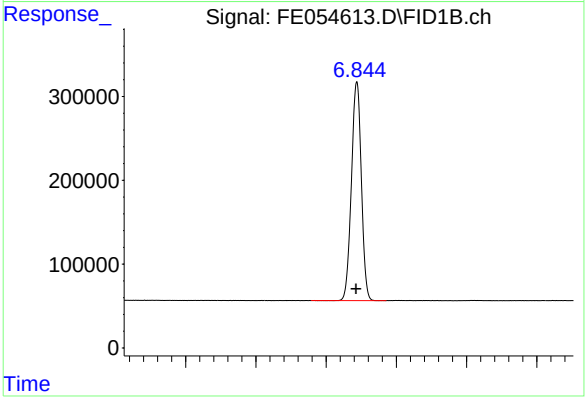
#2 n-Decane (C10)

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



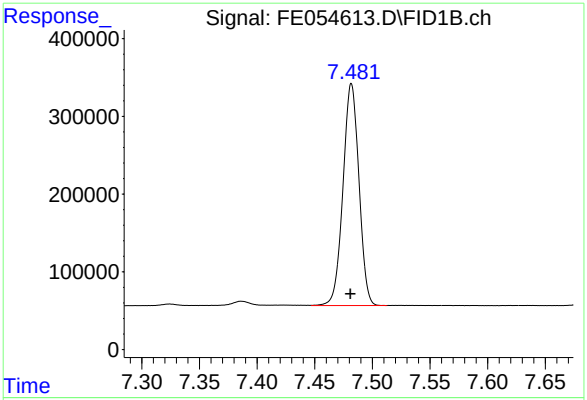
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

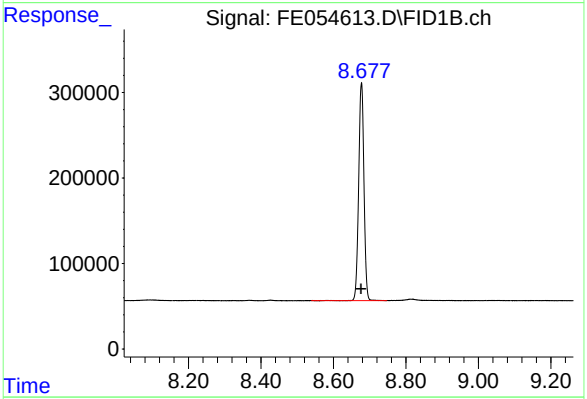
R.T.: 6.844 min
Delta R.T.: 0.001 min
Response: 2560893
Conc: 18.66 ug/ml



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

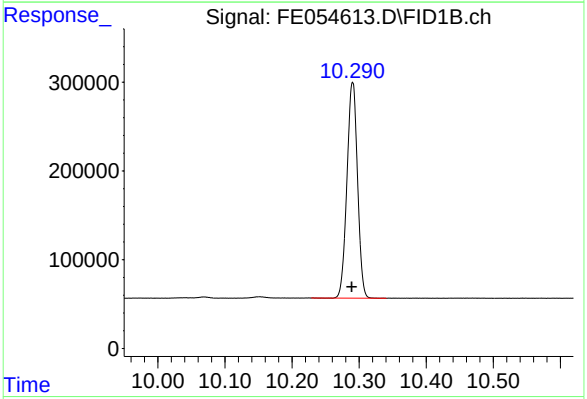
R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 2750056
Conc: 18.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



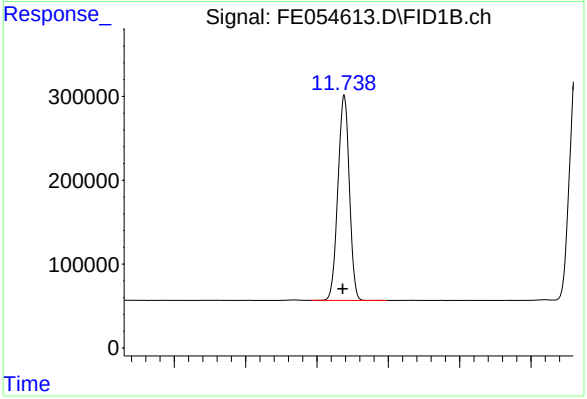
#6 n-Tetradecane (C14)

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



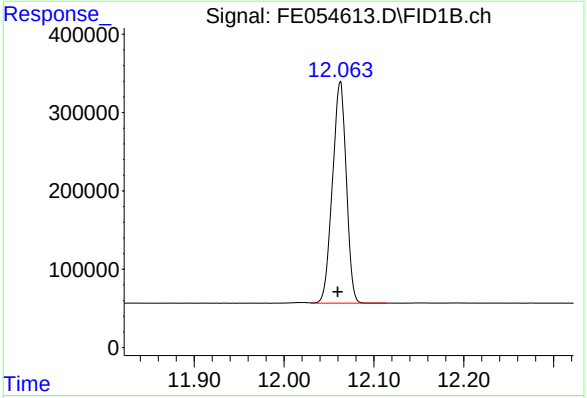
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

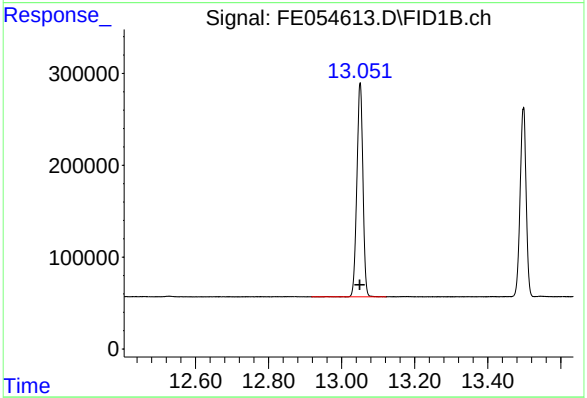
R.T.: 11.738 min
Delta R.T.: 0.002 min
Response: 2731350
Conc: 18.64 ug/ml



#9 ortho-Terphenyl (SURR)

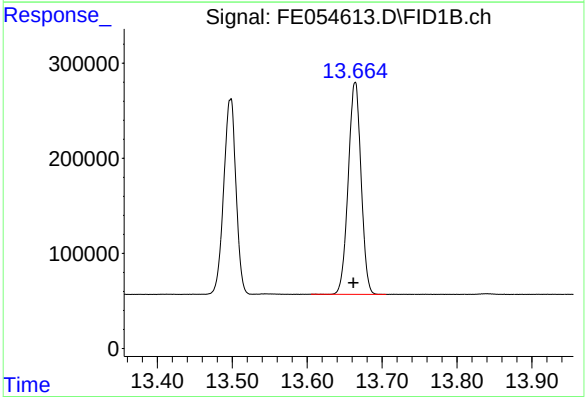
R.T.: 12.062 min
Delta R.T.: 0.003 min
Response: 3028688
Conc: 18.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



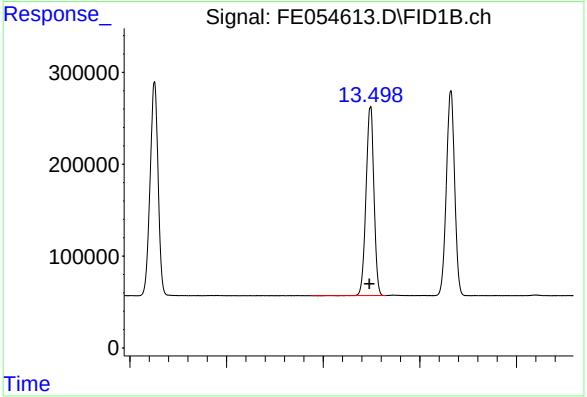
#10 n-Eicosane (C20)

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



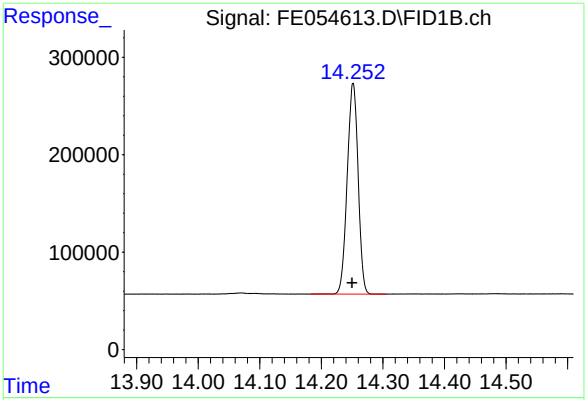
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

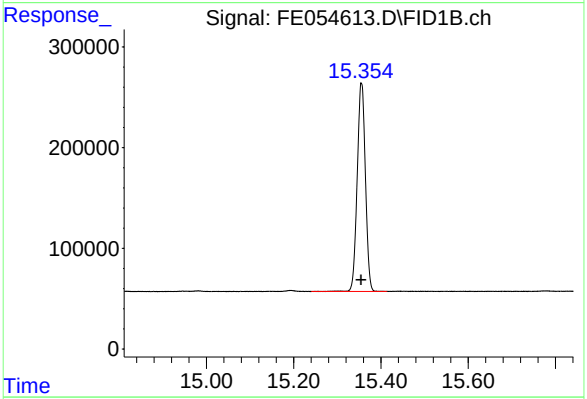
R.T.: 13.498 min
Delta R.T.: 0.002 min
Response: 2342450
Conc: 18.55 ug/ml



#13 n-Docosane (C22)

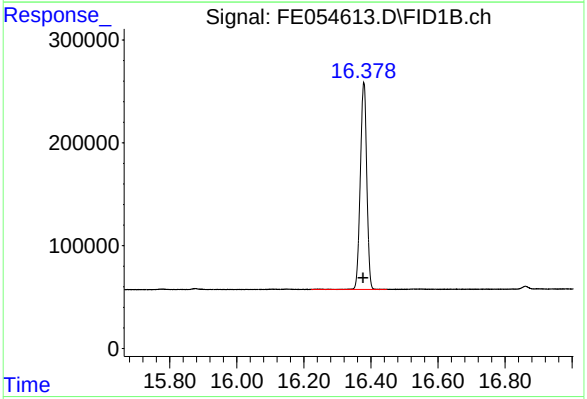
R.T.: 14.252 min
Delta R.T.: 0.002 min
Response: 2663243
Conc: 18.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



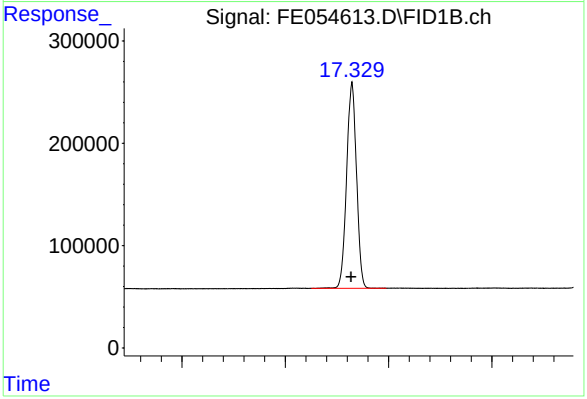
#14 n-Tetracosane (C24)

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



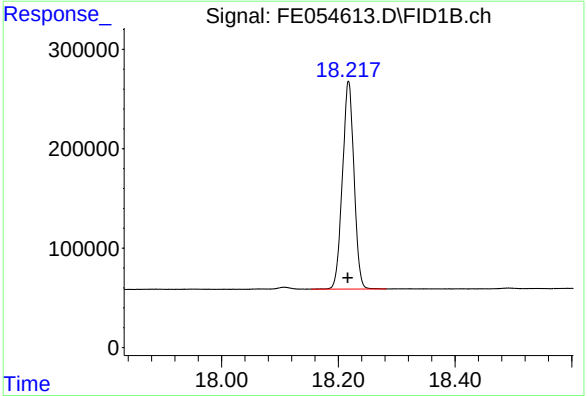
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

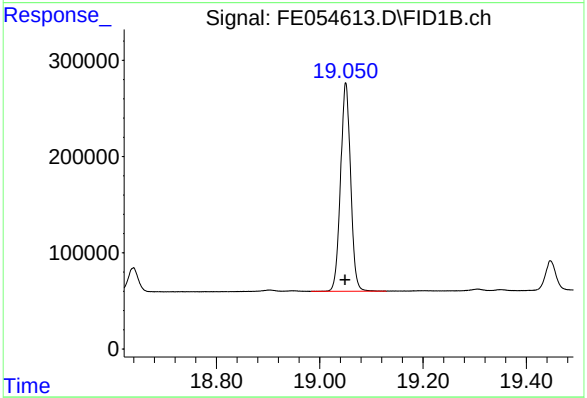
R.T.: 17.329 min
Delta R.T.: 0.002 min
Response: 2682634
Conc: 18.41 ug/ml



#17 n-Tricontane (C30)

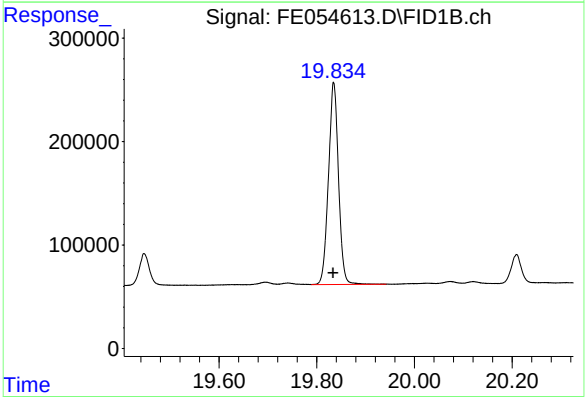
R.T.: 18.218 min
Delta R.T.: 0.002 min
Response: 2884214
Conc: 18.30 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



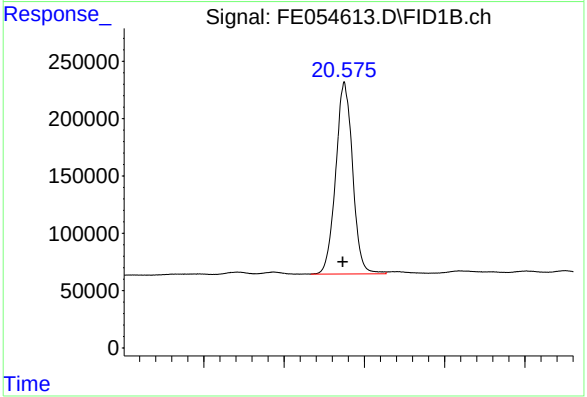
#18 n-Dotriacontane (C32)

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



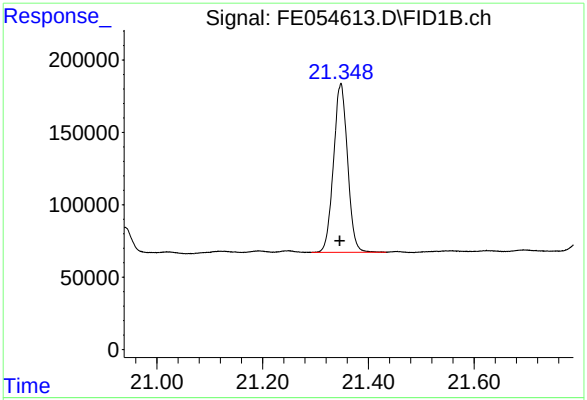
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

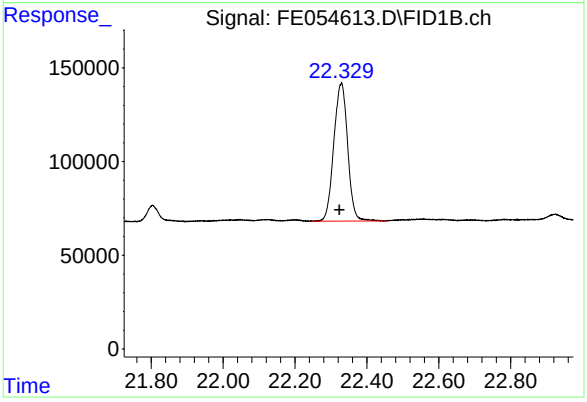
R.T.: 20.575 min
Delta R.T.: 0.002 min
Response: 2448198
Conc: 18.21 ug/ml



#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

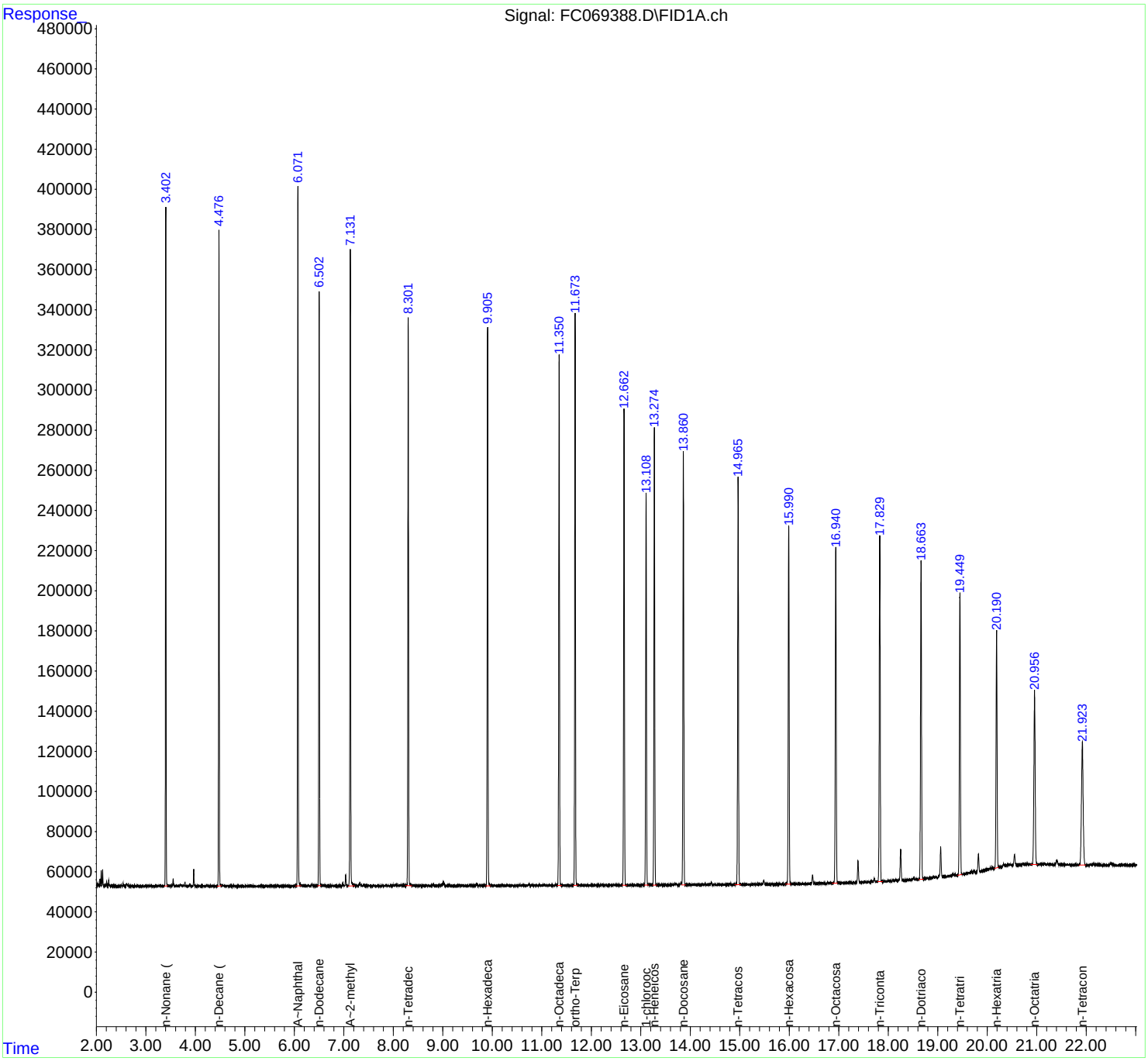
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

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

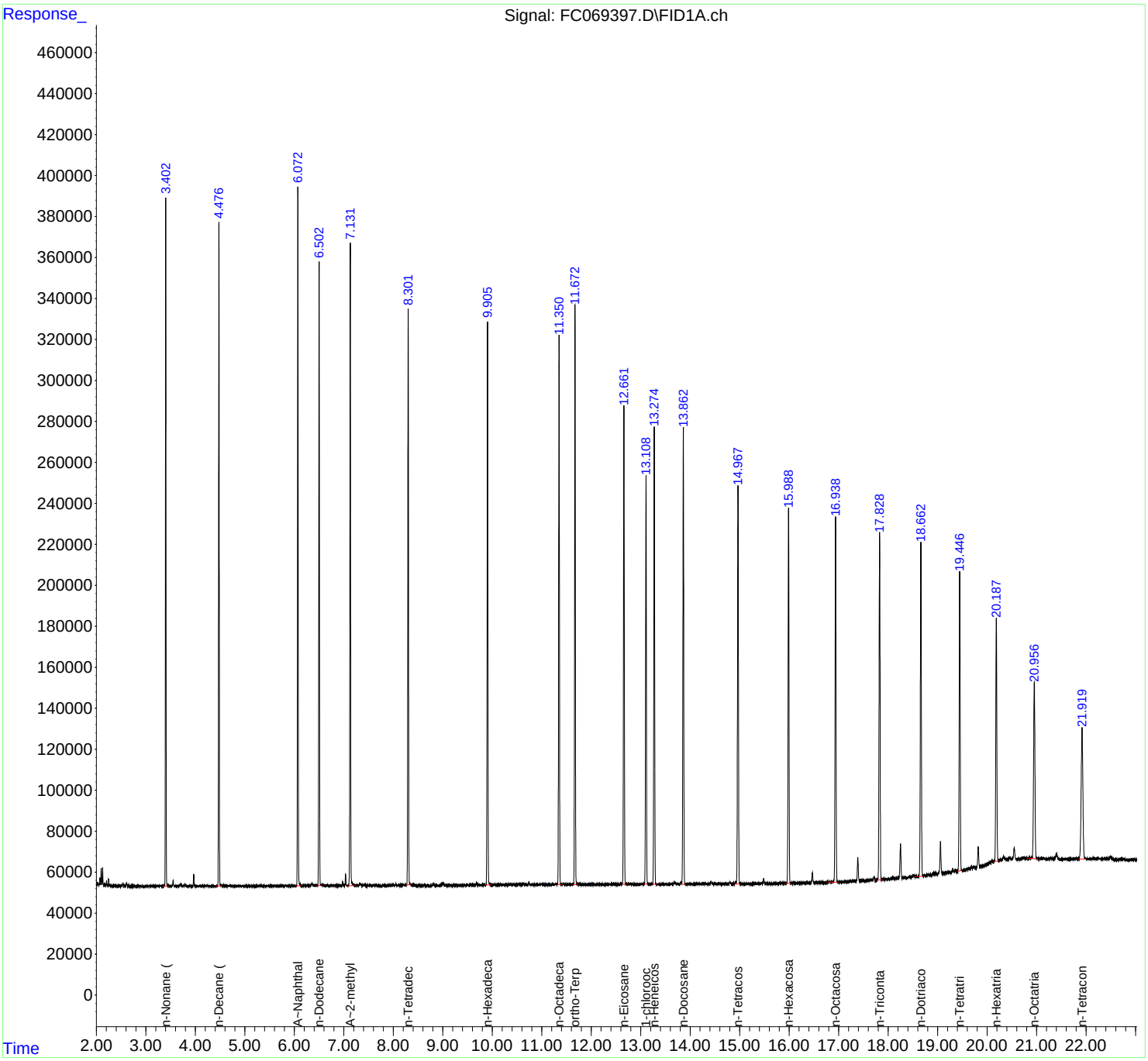
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

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

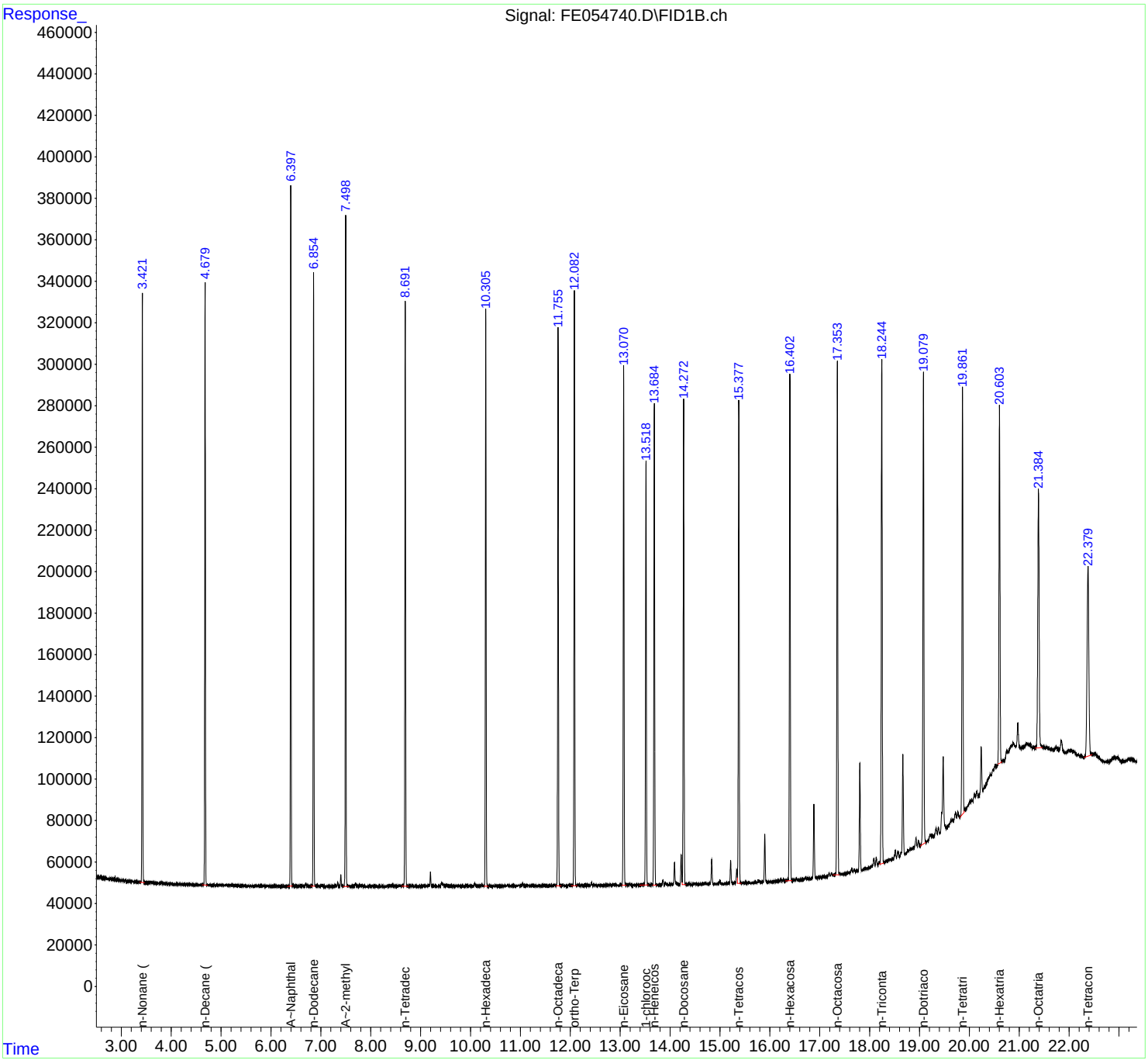
(f)=RT Delta > 1/2 Window (m)=manual int.

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

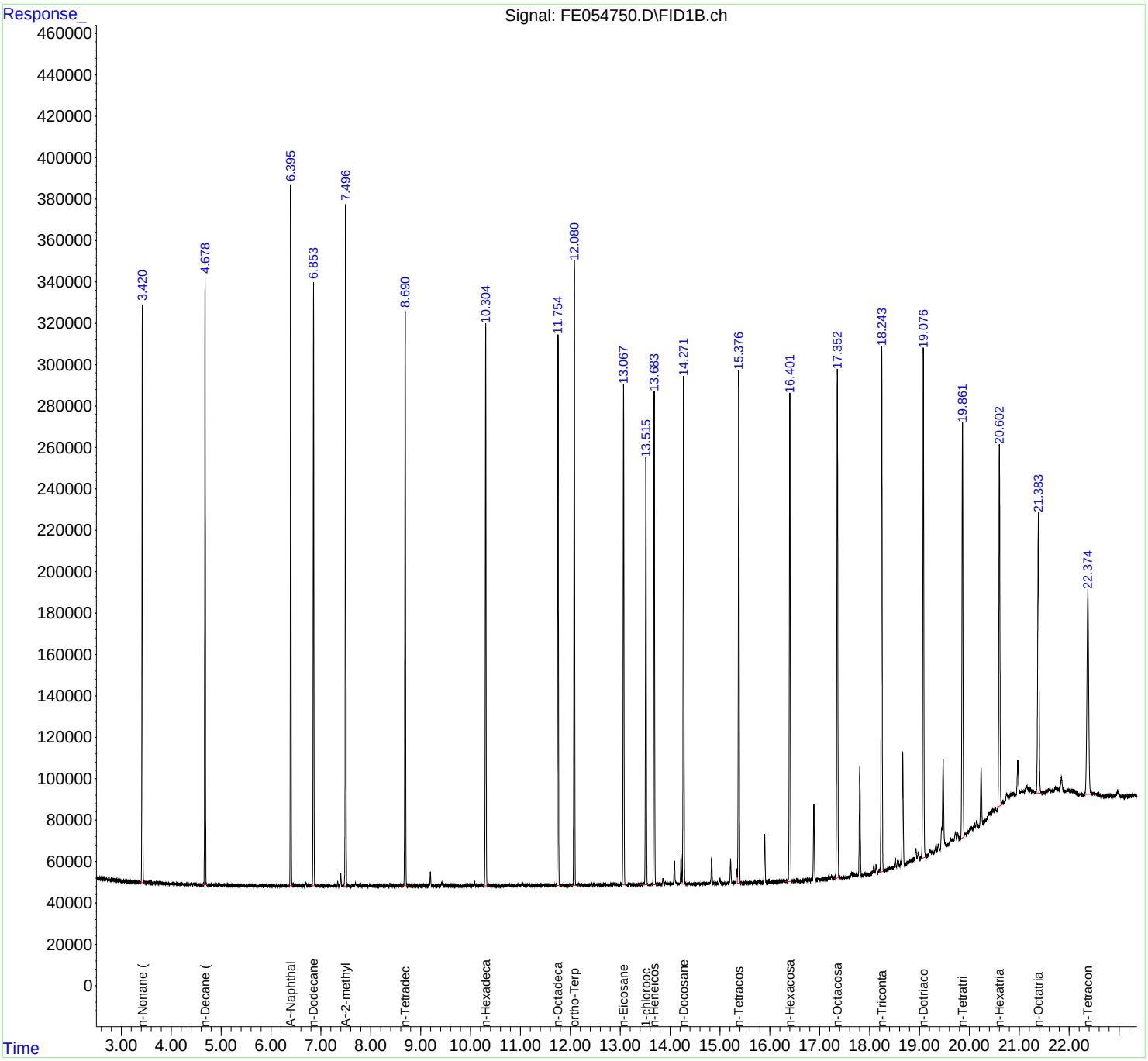
(f)=RT Delta > 1/2 Window (m)=manual int.

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.:	Q2486
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.:	Q2486
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.

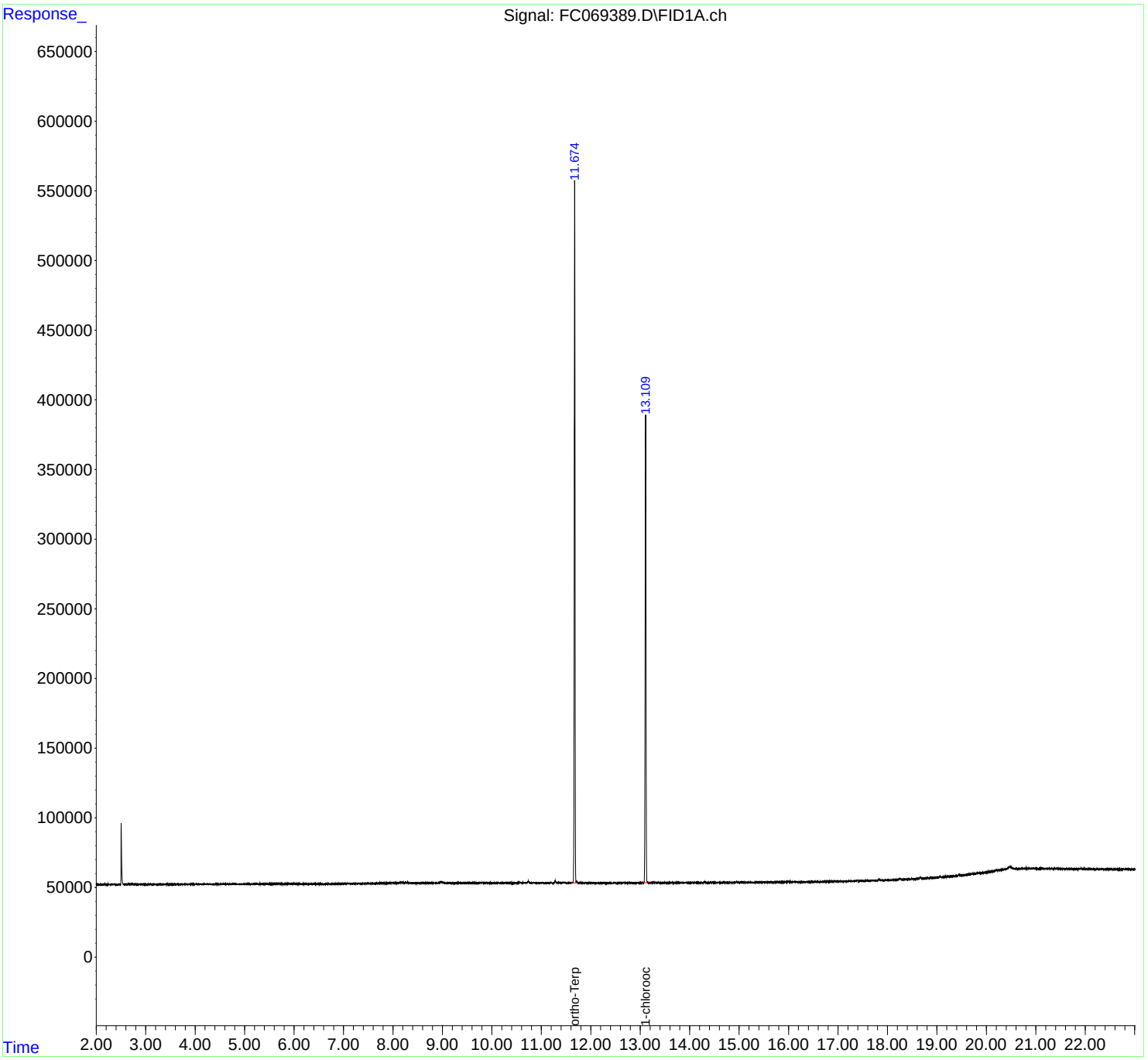
Quantitation Report (QT Reviewed)

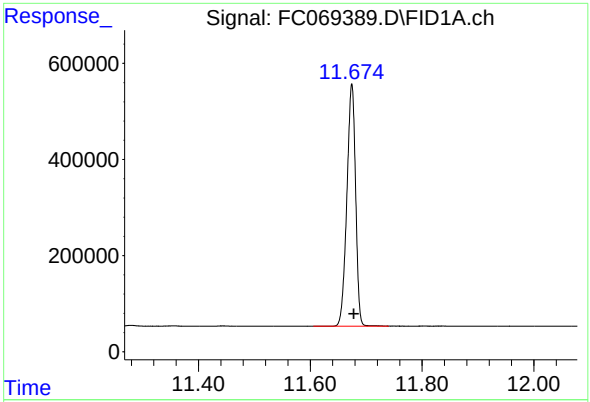
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
Data File : FC069389.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 12:27
Operator : YP/AJ
Sample : PB168752BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

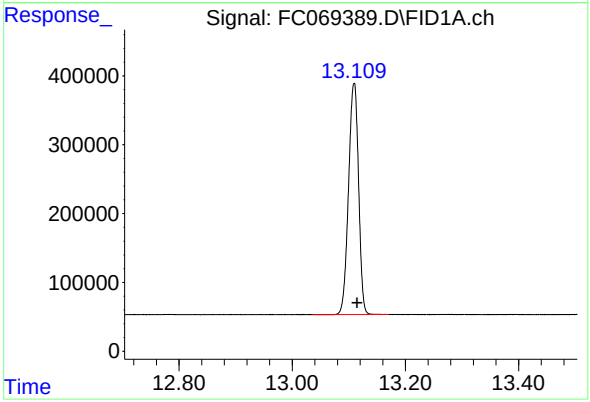




#9 ortho-Terphenyl (SURR)

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.:	Q2486
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.:	Q2486
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

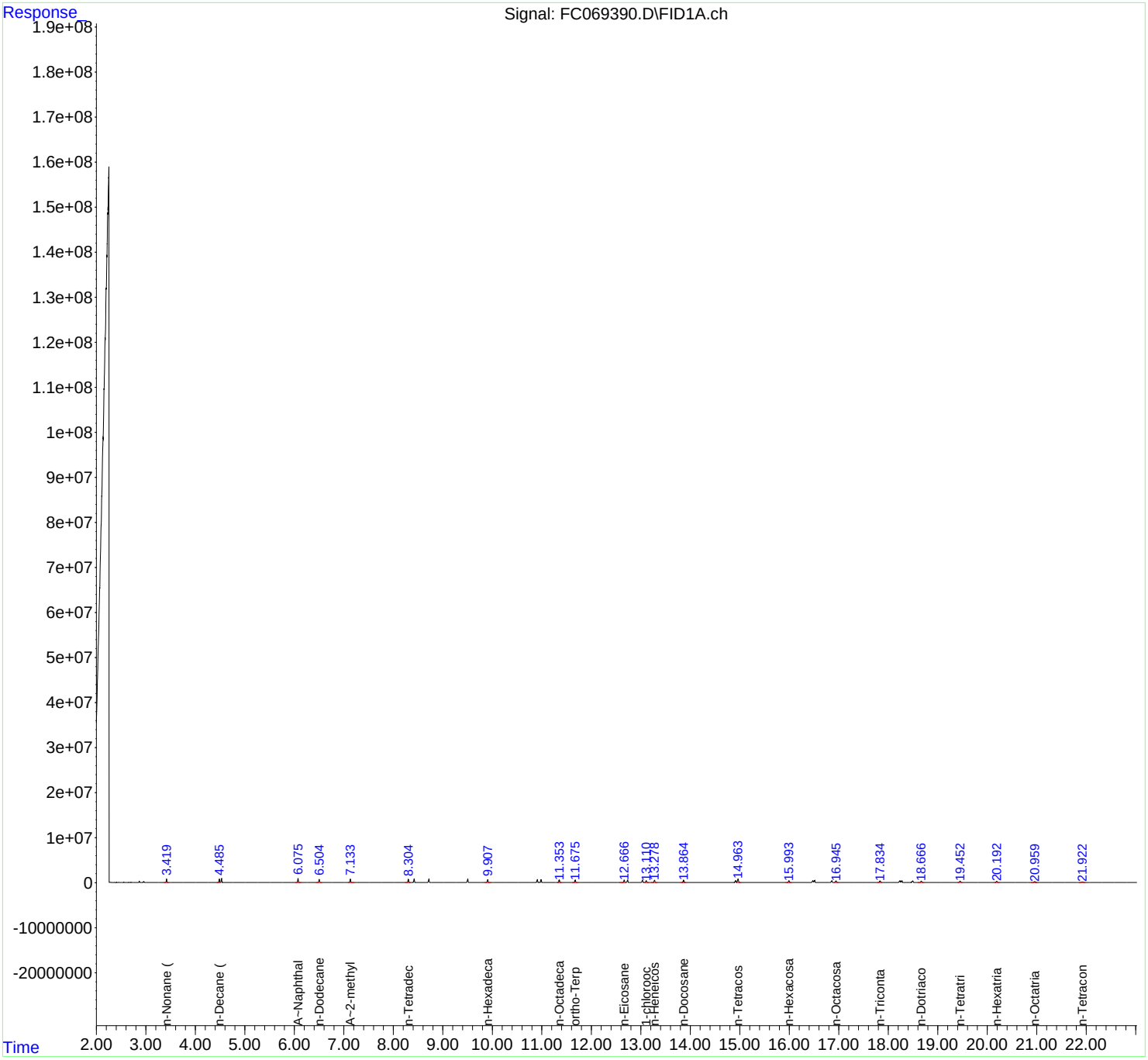
Integration File: autoint1.e
Quant Time: Jul 09 04:43:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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.:	Q2486	
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.:	Q2486
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

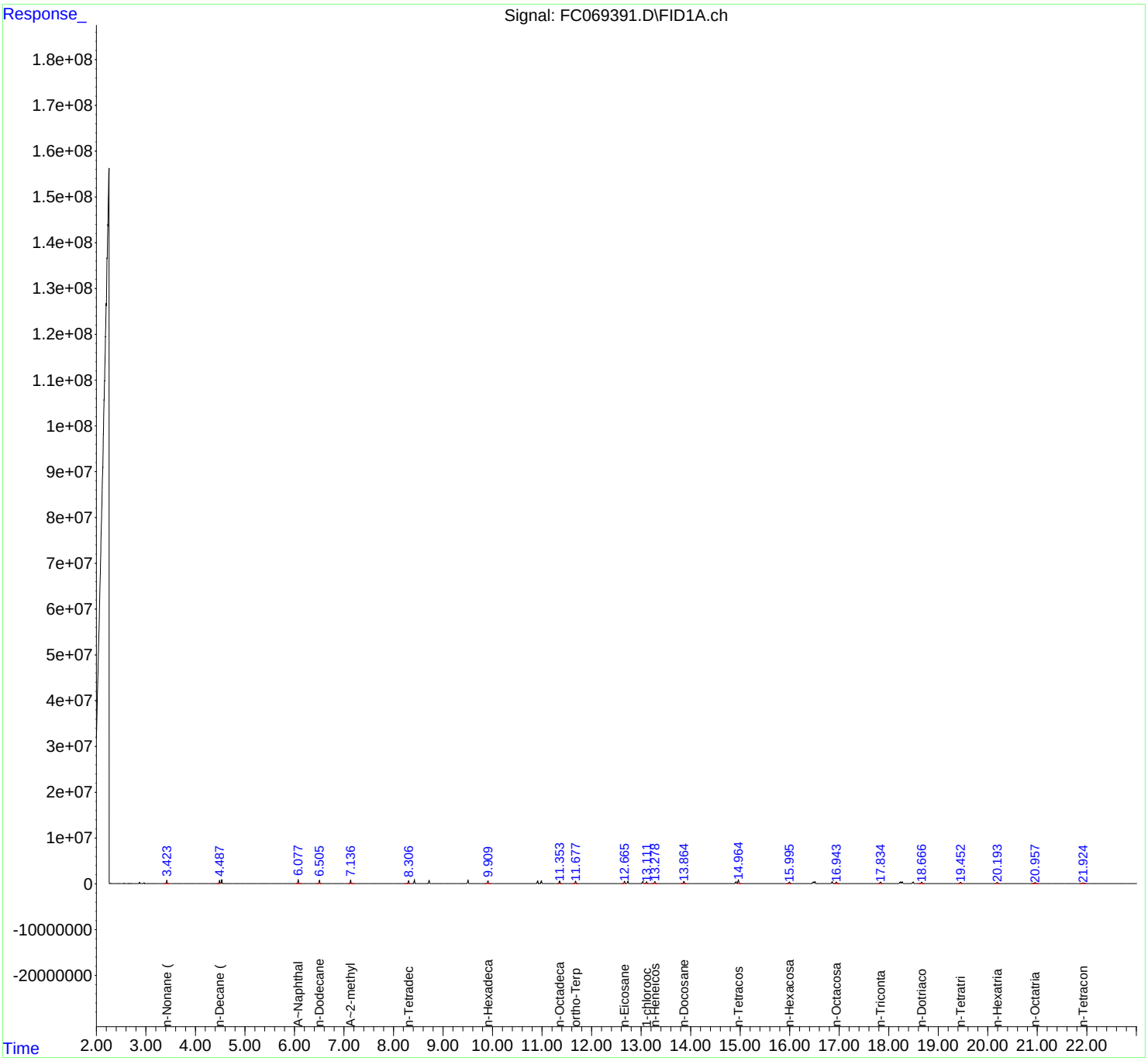
Instrument :
FID_C
ClientSampleId :
PB168752BSD

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.:	Q2486
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.:	Q2486
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

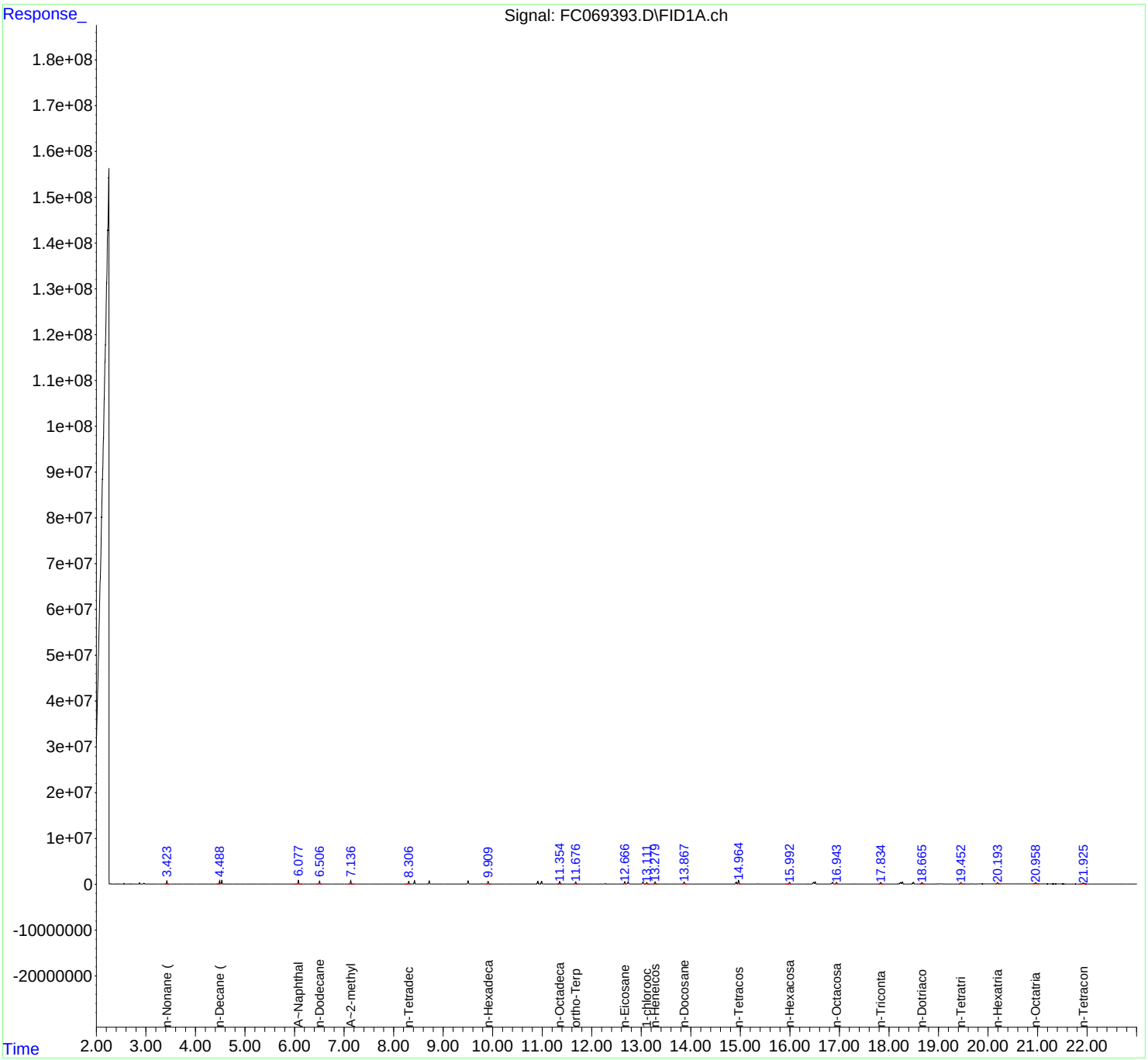
Instrument :
FID_C
ClientSampleId :
1MS

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

rteres

Manual IntegrationsAPPROVED

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

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%

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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%

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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%

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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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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%

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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.:	Q2486
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.:	Q2486
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

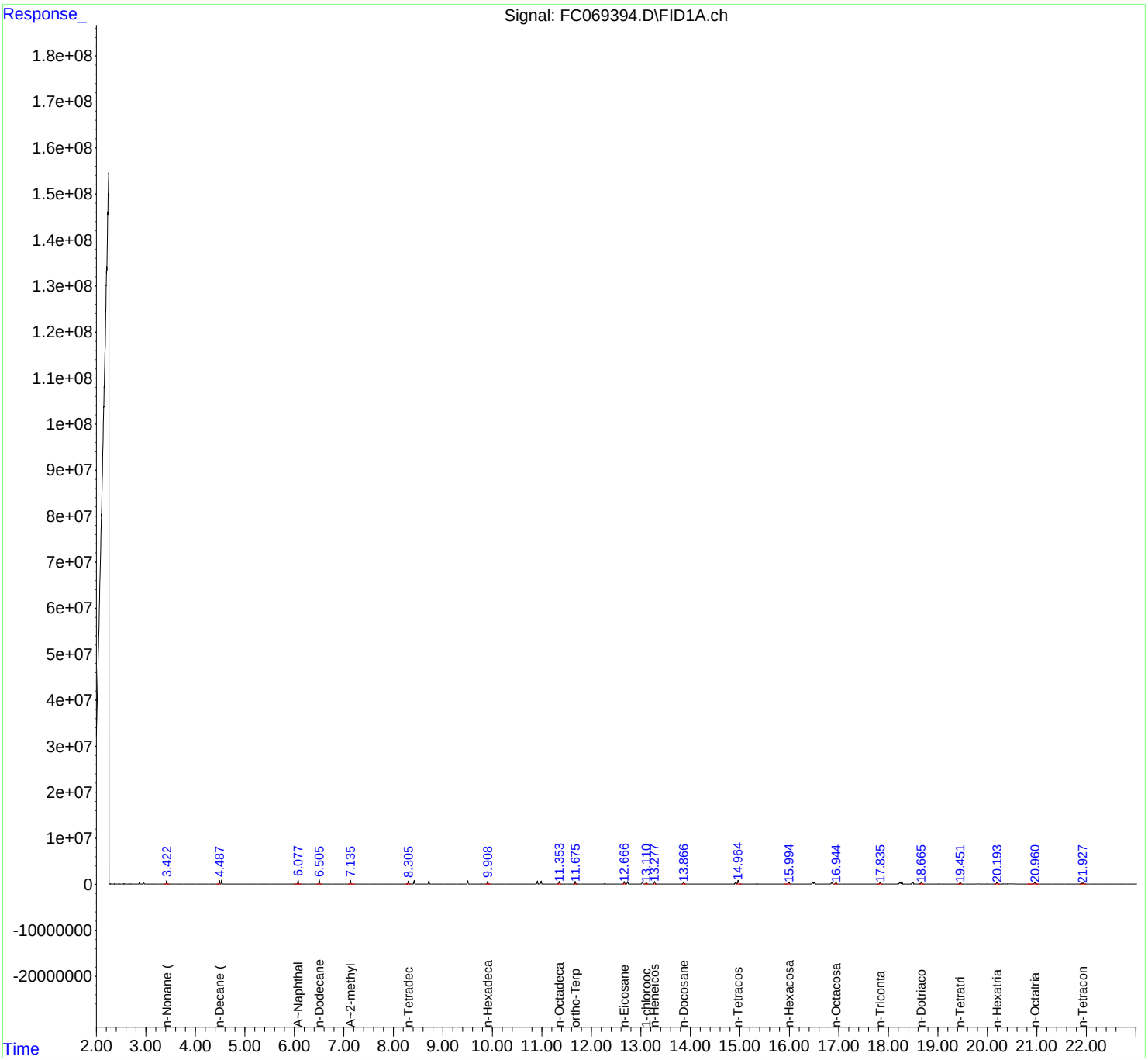
Instrument :
FID_C
ClientSampleId :
1MSD

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%

Instrument :
FID_C
ClientSampleId :
1MSD

Manual IntegrationsAPPROVED

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

rteres

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%

Instrument :
FID_C
ClientSampleId :
1MSD

rteres

Manual IntegrationsAPPROVED

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

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%

Instrument :
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Manual IntegrationsAPPROVED

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

rteres

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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rteres

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 :
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rteres

Manual IntegrationsAPPROVED

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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%

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Manual IntegrationsAPPROVED

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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

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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

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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

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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

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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

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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	

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

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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

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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

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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

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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

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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,
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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	

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

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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	

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: 7/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:35
In Date: 07/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136354

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
Q2480-01	GPX1	1	1.15	10.52	11.67	10.44	88.3	
Q2480-02	GPX2	2	1.19	10.60	11.79	10.66	89.3	
Q2480-03	GPX3	3	1.15	10.84	11.99	10.77	88.7	
Q2480-04	GPX4	4	1.13	10.84	11.97	10.66	87.9	
Q2480-05	GPX5	5	1.13	10.53	11.66	10.55	89.5	
Q2480-06	GPX6	6	1.17	10.56	11.73	10.35	86.9	
Q2480-07	GPX7	7	1.18	10.59	11.77	10.48	87.8	
Q2480-08	GPX8	8	1.18	10.37	11.55	10.22	87.2	
Q2484-01	TP-58	9	1.19	10.77	11.96	10.47	86.2	
Q2484-02	TP-57	10	1.18	10.22	11.4	9.97	86.0	
Q2484-03	TP-64	11	1.16	10.50	11.66	10.44	88.4	
Q2484-04	TP-107	12	1.13	10.69	11.82	10.09	83.8	
Q2484-05	TP-1006	13	1.14	10.48	11.62	10.35	87.9	
Q2484-06	TP-104	14	1.15	10.29	11.44	10.13	87.3	
Q2486-01	WASTE	15	1.16	10.31	11.47	9.77	83.5	
Q2486-02	VOC	16	1.18	11.32	12.5	10.65	83.7	
Q2486-03	1	17	1.15	10.80	11.95	10.24	84.2	
Q2486-04	2	18	1.13	10.46	11.59	9.74	82.3	
Q2486-05	3	19	1.13	10.78	11.91	10.12	83.4	
Q2486-06	4	20	1.19	10.00	11.19	9.65	84.6	
Q2486-07	5	21	1.19	10.26	11.45	8.79	74.1	
Q2491-01	EO-1-070225	22	1.19	10.51	11.7	10.9	92.4	
Q2491-02	EO-1-070225-E2	23	1.15	10.14	11.29	10.5	92.2	
Q2492-01	VNJ-254-1	24	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2492-02	VNJ-254-2	25	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2493-01	WC-11	26	1.13	10.45	11.58	10.4	88.7	
Q2493-02	WC-11-EPH	27	1.19	10.23	11.42	9.72	83.4	
Q2493-03	WC-11-VOC	28	1.14	9.89	11.03	10.2	91.6	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:35
In Date: 07/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136354

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
Q2494-01	Playhouse/Storag	35	1.00	1.00	2.00	2.00	100.0	Caulk sample
Q2494-02	Playhouse/Storag	36	1.00	1.00	2.00	2.00	100.0	chair form
Q2494-03	Garage Seat Foa	37	1.00	1.00	2.00	2.00	100.0	seat form
Q2494-04	Black foam in Sou	38	1.00	1.00	2.00	2.00	100.0	olack form
Q2494-05	Kids Room styof	39	1.00	1.00	2.00	2.00	100.0	yellow form
Q2494-06	Kids Room Lower	40	1.00	1.00	2.00	2.00	100.0	form
Q2494-07	Kids Room styof	41	1.00	1.00	2.00	2.00	100.0	styra form
Q2494-08	Dog Beg Foam	42	1.00	1.00	2.00	2.00	100.0	oag form
Q2494-09	Cotton Layer - Ott	43	1.00	1.00	2.00	2.00	100.0	cotton layer
Q2494-10	Foam Ottoman	44	1.00	1.00	2.00	2.00	100.0	form ottoman
Q2494-11	Foyer North Wall	45	1.00	1.00	2.00	2.00	100.0	foryer north wall plug
Q2494-12	NE Stucco Exterio	46	1.00	1.00	2.00	2.00	100.0	sttucco exterior
Q2494-13	Master Mattress	47	1.00	1.00	2.00	2.00	100.0	mattess
Q2495-01	Chair Foam Parke	48	1.00	1.00	2.00	2.00	100.0	chair form
Q2495-02	SE Bedroom (3rd	49	1.00	1.00	2.00	2.00	100.0	mattess
Q2495-03	E Bedroom Ceilin	50	1.00	1.00	2.00	2.00	100.0	celling plug
Q2495-04	South East Ceilining	51	1.00	1.00	2.00	2.00	100.0	east selling plug
Q2495-05	Master Bathroom	52	1.00	1.00	2.00	2.00	100.0	selling plug
Q2495-06	3rd Fl Hallway N	53	1.00	1.00	2.00	2.00	100.0	hoalway selling
Q2495-07	SE Bedroom Park	54	1.00	1.00	2.00	2.00	100.0	oedrom plug
Q2495-08	Family Room SW	55	1.00	1.00	2.00	2.00	100.0	family plug
Q2495-09	Foyer SE Corner P	56	1.00	1.00	2.00	2.00	100.0	foyer plug
Q2495-10	Green Carpet Pad	57	1.00	1.00	2.00	2.00	100.0	green carpet pad
Q2495-11	Rug in Dining Roo	58	1.00	1.00	2.00	2.00	100.0	rug
Q2495-12	LR Couch Cushion	59	1.00	1.00	2.00	2.00	100.0	couch cushion
Q2495-13	Dining Room W	60	1.00	1.00	2.00	2.00	100.0	wood and foam
Q2495-14	Kitchen Dining E	61	1.00	1.00	2.00	2.00	100.0	kithean rug
Q2495-15	Garage Southwes	62	1.00	1.00	2.00	2.00	100.0	plug

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/3/2025

OVENTEMP IN Celsius(°C): 107
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In Date: 07/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136354

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
Q2495-16	Zack"s Matterss	63	1.00	1.00	2.00	2.00	100.0	mattess
Q2495-17	Zack"s Couch	64	1.00	1.00	2.00	2.00	100.0	zacks couch
Q2496-02	N exterior center	65	1.00	1.00	2.00	2.00	100.0	stucco wall
Q2496-03	Basement south	66	1.00	1.00	2.00	2.00	100.0	wall cavity stucc
Q2496-04	Entertainment ro	67	1.00	1.00	2.00	2.00	100.0	hvac close
Q2496-05	Black mat outside	68	1.00	1.00	2.00	2.00	100.0	outside mat
Q2496-06	Basement bedroom	69	1.00	1.00	2.00	2.00	100.0	bedrom form
Q2496-07	Basement bedroom-1	70	1.00	1.00	2.00	2.00	100.0	window plug
Q2496-08	Basement bedroom-2	71	1.00	1.00	2.00	2.00	100.0	window plug
Q2496-09	Maeve"s room ma	72	1.00	1.00	2.00	2.00	100.0	mattess
Q2496-10	Master bedroom	73	1.00	1.00	2.00	2.00	100.0	rug
Q2496-11	Master bedroom-1	74	1.00	1.00	2.00	2.00	100.0	chair form
Q2496-12	Master bedroom-2	75	1.00	1.00	2.00	2.00	100.0	mattess form
Q2496-13	Master bedroom-3	76	1.00	1.00	2.00	2.00	100.0	office chair form
Q2496-14	SE bedroom brow	77	1.00	1.00	2.00	2.00	100.0	form
Q2496-15	SE bedroom gray	78	1.00	1.00	2.00	2.00	100.0	gray cushion
Q2496-16	Maeves room gre	79	1.00	1.00	2.00	2.00	100.0	chair form
Q2496-17	Master bedroom-4	80	1.00	1.00	2.00	2.00	100.0	plug
Q2496-18	3rd floor roof ent	81	1.00	1.00	2.00	2.00	100.0	plug
Q2496-19	Living room couc	82	1.00	1.00	2.00	2.00	100.0	couch form
Q2496-20	Living room 2 sea	83	1.00	1.00	2.00	2.00	100.0	form
Q2496-21	Office leather cha	84	1.00	1.00	2.00	2.00	100.0	form
Q2496-22	Pink shoe sole	85	1.00	1.00	2.00	2.00	100.0	shoe sole
Q2496-23	Living room rug S	86	1.00	1.00	2.00	2.00	100.0	rug
Q2496-24	Dining room NE c	87	1.00	1.00	2.00	2.00	100.0	plug
Q2497-01	SW bedroom (San	88	1.00	1.00	2.00	2.00	100.0	plug
Q2497-02	Salman s room SE	89	1.00	1.00	2.00	2.00	100.0	plug compossi
Q2497-03	Sanah s room bed	90	1.00	1.00	2.00	2.00	100.0	sanah form

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/3/2025

OVENTEMP IN Celsius(°C): 107
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Weight Check 1.0g: 1.00
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OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136354

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
Q2497-04	Salman s room m	91	1.00	1.00	2.00	2.00	100.0	mattess form
Q2497-05	Master bed mattr	92	1.00	1.00	2.00	2.00	100.0	mattess
Q2497-06	Kaihaan s room m	93	1.00	1.00	2.00	2.00	100.0	form
Q2497-07	Garage foam yog	94	1.00	1.00	2.00	2.00	100.0	garage foam
Q2497-08	Living room west	95	1.00	1.00	2.00	2.00	100.0	form
Q2497-09	Entrance rug	96	1.00	1.00	2.00	2.00	100.0	rug
Q2497-10	south exterior re	97	1.00	1.00	2.00	2.00	100.0	form
Q2497-11	Garage gym floor	98	1.00	1.00	2.00	2.00	100.0	garage foam
Q2497-12	Rug by the back d	99	1.00	1.00	2.00	2.00	100.0	rug
Q2497-13	Guest bed mattre	100	1.00	1.00	2.00	2.00	100.0	mattess
Q2497-14	Garage backyard	101	1.00	1.00	2.00	2.00	100.0	garage foam
Q2497-15	LR SW conner chai	102	1.00	1.00	2.00	2.00	100.0	form
Q2497-16	Living room NE co	103	1.00	1.00	2.00	2.00	100.0	catters
Q2497-17	Dining room SW c	104	1.00	1.00	2.00	2.00	100.0	chair form
Q2497-18	LR SW rug corner	105	1.00	1.00	2.00	2.00	100.0	rug
Q2497-19	LR west wall plug	106	1.00	1.00	2.00	2.00	100.0	plug
Q2497-20	LR NE corner plug	107	1.00	1.00	2.00	2.00	100.0	plug
Q2497-21	office east wall pl	108	1.00	1.00	2.00	2.00	100.0	plug
Q2497-22	Bedroom north w	109	1.00	1.00	2.00	2.00	100.0	plug
Q2497-23	Kitchem ceiling pl	110	1.00	1.00	2.00	2.00	100.0	celling plug
Q2498-01	NE Bd bed foam	111	1.00	1.00	2.00	2.00	100.0	oedrom form
Q2498-02	NE Bd pillow foa	112	1.00	1.00	2.00	2.00	100.0	form
Q2498-03	Master bed NE m	113	1.00	1.00	2.00	2.00	100.0	mattess
Q2500-01	X600-B2	29	1.15	10.84	11.99	11.24	93.1	
Q2500-02	X600-S2	30	1.19	10.36	11.55	10.6	90.8	
Q2500-03	X600-B1	31	1.13	10.42	11.55	11.02	94.9	
Q2500-04	X600-S1	32	1.13	10.32	11.45	10.6	91.8	
Q2500-05	X600-DUP1	33	1.14	10.85	11.99	11.3	93.6	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/3/2025

OVENTEMP IN Celsius(°C): 107
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Weight Check 1.0g: 1.00
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OVENTEMP OUT Celsius(°C): 104
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Weight Check 1.0g: 1.00
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BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136354

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
Q2500-06	X600-S3	34	1.11	10.71	11.82	11.18	94.0	

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

WORKLIST(Hardcopy Internal Chain)

VB 136354

WorkList Name : %1-070225 **WorkList ID :** 190499 **Department :** Wet-Chemistry **Date :** 07-02-2025 08:07:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2480-01	GPX1	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	06/30/2025	Chemtech -SO
Q2480-02	GPX2	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	06/30/2025	Chemtech -SO
Q2480-03	GPX3	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2480-04	GPX4	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2480-05	GPX5	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2480-06	GPX6	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2480-07	GPX7	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2480-08	GPX8	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2484-01	TP-58	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2484-02	TP-57	Solid	Percent Solids	Cool 4 deg C	CAMP02	A12	07/01/2025	Chemtech -SO
Q2484-03	TP-64	Solid	Percent Solids	Cool 4 deg C	CAMP02	A12	07/01/2025	Chemtech -SO
Q2484-04	TP-107	Solid	Percent Solids	Cool 4 deg C	CAMP02	A12	07/01/2025	Chemtech -SO
Q2484-05	TP-1006	Solid	Percent Solids	Cool 4 deg C	CAMP02	A12	07/01/2025	Chemtech -SO
Q2484-06	TP-104	Solid	Percent Solids	Cool 4 deg C	CAMP02	A12	07/01/2025	Chemtech -SO
Q2486-01	WASTE	Solid	Percent Solids	Cool 4 deg C	CAMP02	A12	07/01/2025	Chemtech -SO
Q2486-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	A61	07/01/2025	Chemtech -SO
Q2486-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	A61	07/01/2025	Chemtech -SO
Q2486-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	A61	07/01/2025	Chemtech -SO
Q2486-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	A61	07/01/2025	Chemtech -SO
Q2486-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	A61	07/01/2025	Chemtech -SO
Q2486-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	A61	07/01/2025	Chemtech -SO

Date/Time 07/02/25 15:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 07/02/25 17:35

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

VB 13C353

WorkList Name : %1-070225 **WorkList ID :** 190499 **Department :** Wet-Chemistry **Date :** 07-02-2025 08:07:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2491-01	EO-1-070225	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	07/02/2025	Chemtech -SO
Q2491-02	EO-1-070225-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	07/02/2025	Chemtech -SO
Q2492-01	VNJ-254-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	07/02/2025	Chemtech -SO
Q2492-02	VNJ-254-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	07/02/2025	Chemtech -SO
Q2493-01	WC-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	07/02/2025	Chemtech -SO
Q2493-02	WC-11-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A43	07/02/2025	Chemtech -SO
Q2493-03	WC-11-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A43	07/02/2025	Chemtech -SO
Q2494-01	Playhouse/Storag	Solid	Percent Solids	Cool 4 deg C	PSEG03	A43	07/02/2025	Chemtech -SO
Q2494-02	Playhouse/Storag	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-03	Garage Seat Foa	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-04	Black foam in Sou	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-05	Kids Room styof	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-06	Kids Room Lower	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-07	Kids Room styof	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-08	Dog Beg Foam	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-09	Cotton Layer - Ott	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-10	Foam Ottoman	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-11	Foyer North Wall	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-12	NE Stucco Exterio	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-13	Master Mattress	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2495-01	Chair Foam Parke	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO

Date/Time 07/02/25 15:00

Raw Sample Received by: [signature] (WOC)

Raw Sample Relinquished by: [signature] SH

Date/Time 07/02/25 17:35

Raw Sample Received by: [signature] SH

Raw Sample Relinquished by: [signature] (WOC)

WORKLIST(Hardcopy Internal Chain)

NB136354

WorkList Name : %1-070225 **WorkList ID :** 190499 **Department :** Wet-Chemistry **Date :** 07-02-2025 08:07:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2495-02	SE Bedroom (3rd	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-03	E Bedroom Ceilin	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-04	South East Ceilining	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-05	Master Bathroom	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-06	3rd Fl Hallway N	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-07	SE Bedroom Park	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-08	Family Room SW	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-09	Foyer SE Corner P	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-10	Green Carpet Pad	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-11	Rug in Dining Roo	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-12	LR Couch Cushion	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-13	Dining Room W	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-14	Kitchen Dining E	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-15	Garage Southwes	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-16	Zack"s Matterss	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-17	Zack"s Couch	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2496-02	N exterior center	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2496-03	Basement south	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-04	Entertainment ro	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-05	Black mat outside	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-06	Basement bedroom	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO

Date/Time 07/02/25 15:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 07/02/25 17:35

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

136354

WorkList Name : %1-070225 **WorkList ID :** 190499 **Department :** Wet-Chemistry **Date :** 07-02-2025 08:07:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2496-07	Basement bedroom-1	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-08	Basement bedroom-2	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-09	Maeve"s room ma	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-10	Master bedroom	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-11	Master bedroom-1	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-12	Master bedroom-2	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-13	Master bedroom-3	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-14	SE bedroom brow	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-15	SE bedroom gray	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-16	Maeves room gre	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-17	Master bedroom-4	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-18	3rd floor roof ent	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-19	Living room couc	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-20	Living room 2 sea	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-21	Office leather cha	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-22	Pink shoe sole	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-23	Living room rug S	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-24	Dining room NE c	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2497-01	SW bedroom (San	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2497-02	Salman s room SE	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-03	Sanah s room bed	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO

Date/Time 07/02/25 15:00

Raw Sample Received by: SB WC

Raw Sample Relinquished by: SM

Date/Time 07/02/25 17:35

Raw Sample Received by: SM

Raw Sample Relinquished by: SB WC

WORKLIST(Hardcopy Internal Chain)

NB131354

WorkList Name : %1-070225 **WorkList ID :** 190499 **Department :** Wet-Chemistry **Date :** 07-02-2025 08:07:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2497-04	Salman s room m	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-05	Master bed mattr	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-06	Kaihaan s room m	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-07	Garage foam yog	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-08	Living room west	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-09	Entrance rug	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-10	south exterior re	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-11	Garage gym floor	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-12	Rug by the back d	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-13	Guest bed mattre	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-14	Garage backyard	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-15	LR SW conner chai	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-16	Living room NE co	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-17	Dining room SW c	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-18	LR SW rug corner	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-19	LR west wall plug	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-20	LR NE corner plug	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-21	office east wall pl	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-22	Bedroom north w	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-23	Kitchem ceiling pl	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2498-01	NE Bd bed foam	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/20/2025	Chemtech -SO

Date/Time 07/02/25 15:00

Raw Sample Received by: [signature] (WC)

Raw Sample Relinquished by: [signature] SM

Date/Time 07/02/25 17:35

Raw Sample Received by: [signature] SM

Raw Sample Relinquished by: [signature] (WC)

WORKLIST(Hardcopy Internal Chain)

VB136354

WorkList Name : %1-070225 **WorkList ID :** 190499 **Department :** Wet-Chemistry **Date :** 07-02-2025 08:07:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2498-02	NE Bd pillow foa	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/20/2025	Chemtech -SO
Q2498-03	Master bed NE m	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/20/2025	Chemtech -SO
Q2500-01	X600-B2	Solid	Percent Solids	Cool 4 deg C	ATCE02	A52	07/02/2025	Chemtech -SO
Q2500-02	X600-S2	Solid	Percent Solids	Cool 4 deg C	ATCE02	A52	07/02/2025	Chemtech -SO
Q2500-03	X600-B1	Solid	Percent Solids	Cool 4 deg C	ATCE02	A52	07/02/2025	Chemtech -SO
Q2500-04	X600-S1	Solid	Percent Solids	Cool 4 deg C	ATCE02	A52	07/02/2025	Chemtech -SO
Q2500-05	X600-DUP1	Solid	Percent Solids	Cool 4 deg C	ATCE02	A52	07/02/2025	Chemtech -SO
Q2500-06	X600-S3	Solid	Percent Solids	Cool 4 deg C	ATCE02	A52	07/02/2025	Chemtech -SO

Date/Time 07/02/25 15:00

Raw Sample Received by: SB (WC)

Raw Sample Relinquished by: SM

Date/Time 07/02/25 17:35

Raw Sample Received by: SM

Raw Sample Relinquished by: TA (WC)

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

22486

89. E. Centre St.

CHEMTECH
CHAIN OF CUSTODY RECORD

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

Chemtech Project Number: Nutley
COC Number:

CLIENT INFORMATION	PROJECT INFORMATION	BILLING INFORMATION
Report to be sent to:	PROJECT NAME:	BILL TO: PO#
COMPANY:	PROJECT #: LOCATION:	ADDRESS:
ADDRESS:	PROJECT MANAGER:	CITY: Seneca STATE: ZIP:
CITY: STATE: ZIP:	E-MAIL:	ATTENTION:
ATTENTION:	PHONE: FAX:	PHONE:
PHONE: FAX:		

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				7/1	8:30	1	X									
2.	VOC					9:30	1		X								
3.	1					7:26	1			X							
4.	2					8:41	1			X							
5.	3					9:45	1			X							
6.	4					8:11	1			X							
7.	5				V		1			X							
8.																	
9.																	
10.																	

<- Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.		1. 1200 7-1-25
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.	7-1-25	3.

Conditions of bottles or coilers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.7C
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 GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2486 SCIA01
Client Name : Sciacca General Contractors
Client Contact : Rosanne Scirica
Invoice Name : Sciacca General Contractors
Invoice Contact : Rosanne Scirica

Order Date : 7/2/2025 9:45:00 AM
Project Name : 98 Morse Ave Nutley
Receive DateTime : 7/1/2025 6:18:00 PM
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
Q2486-02	VOC	Solid	07/01/2025	09:30					
					VOC-TCLVOA-10		8260D		10 Bus. Days

JAR

Stored in VOA Frz #102 After preservation

Relinguished By :
Date / Time : 7-2-25 1023

Received By :
Date / Time : 7-2-25 10:30

Storage Area : VOA Refridgerator Room