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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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LAB CHRONICLE

OrderID:	Q3740	**OrderDate:**	11/26/2025 4:30:00 PM
Client:	G Environmental	**Project:**	Diamond
Contact:	Gary Landis	**Location:**	--Select--,A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3740-01	**WC1**	**SOIL**			**11/26/25**			**11/26/25**
			PCB	8082A		12/01/25	12/01/25	
			EPH_NF	NJEPH		12/01/25	12/01/25	

QC SUMMARY

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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3740

Run Number: FE120125AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB170764BL	51	61		0
PB170764BS	55	61		0
PB170764BSD	54	60		0
HD-01-11-26-2025MS	50	56		0
HD-01-11-26-2025MSD	50	55		0
WC1	48	52		0

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

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

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SOIL EPH SURROGATE RECOVERY

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

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

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q3740

Sample No : Q3732-01MS **Datafile:** FE057108.D **Client ID :** HD-01-11-26-2025MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	34.5	15.1	40.0	72		(40-140)
Aliphatic C9-C28	114.8	2.07	76.0	64		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	3.8	0.0080	1.6330	43		(40-140)
n-Decane (C10)	3.8	0.0057	3.9661	104		(40-140)
Naphthalene (C11.7)	3.8	0.0057	2.4107	63		(40-140)
n-Dodecane (C12)	3.8	0.0040	2.1542	57		(40-140)
2-methylnaphthalene (C12.89)	3.8	0.0057	2.4908	65		(40-140)
n-Tetradecane (C14)	3.8	0.0288	2.5401	66		(40-140)
n-Hexadecane (C16)	3.8	0.0519	2.7419	71		(40-140)
n-Octadecane (C18)	3.8	0.0263	2.7433	72		(40-140)
n-Eicosane (C20)	3.8	0.0253	2.8467	74		(40-140)
n-Heneicosane (C21)	3.8	0.0227	2.8652	75		(40-140)
n-Docosane (C22)	3.8	0.0287	2.8223	74		(40-140)
n-Tetracosane (C24)	7.7	0.0631	8.7509	113		(40-140)
n-Hexacosane (C26)	3.8	0.0574	2.6862	69		(40-140)
n-Octacosane (C28)	3.8	0.0737	2.7512	70		(40-140)
n-Tricontane (C30)	3.8	0.0992	2.3108	58		(40-140)
n-Dotriacontane (C32)	3.8	0.1849	2.3028	56		(40-140)
n-Tetratriacontane (C34)	3.8	0.3291	2.6174	60		(40-140)
n-Hexatriacontane (C36)	3.8	0.9840	3.3170	61		(40-140)
n-Octatriacontane (C38)	3.8	0.7415	3.5386	74		(40-140)
n-Tetracontane (C40)	3.8	0.0674	3.2854	85		(40-140)

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q3740

Sample No : Q3732-01MSD **Datafile:** FE057109.D **Client ID :** HD-01-11-26-2025MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD | QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	34.5	15.1	41.3	76		4.99 | (40-140)	50
Aliphatic C9-C28	115.1	2.07	75.4	64		1.1 | (40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD | QC LIMITS (%)	QC Limit Of RPD
n-Nonane (C9)	3.8	0.0080	1.6250	43		0 | (40-140)	50
n-Decane (C10)	3.8	0.0057	3.9542	104		0 | (40-140)	50
Naphthalene (C11.7)	3.8	0.0057	2.3974	63		0 | (40-140)	50
n-Dodecane (C12)	3.8	0.0040	2.1487	56		1.77 | (40-140)	50
2-methylnaphthalene (C12.89)	3.8	0.0057	2.4700	65		0 | (40-140)	50
n-Tetradecane (C14)	3.8	0.0288	2.5235	66		0 | (40-140)	50
n-Hexadecane (C16)	3.8	0.0519	2.7194	70		1.42 | (40-140)	50
n-Octadecane (C18)	3.8	0.0263	2.7198	71		1.4 | (40-140)	50
n-Eicosane (C20)	3.8	0.0253	2.8238	74		0 | (40-140)	50
n-Heneicosane (C21)	3.8	0.0227	2.8453	74		1.34 | (40-140)	50
n-Docosane (C22)	3.8	0.0287	2.8032	73		1.36 | (40-140)	50
n-Tetracosane (C24)	7.7	0.0631	8.7218	112		0.89 | (40-140)	50
n-Hexacosane (C26)	3.8	0.0574	2.6596	68		1.46 | (40-140)	50
n-Octacosane (C28)	3.8	0.0737	2.7382	70		0 | (40-140)	50
n-Tricontane (C30)	3.8	0.0992	2.2838	57		1.74 | (40-140)	50
n-Dotriacontane (C32)	3.8	0.1849	2.2784	55		1.8 | (40-140)	50
n-Tetratriacontane (C34)	3.8	0.3291	2.5792	59		1.68 | (40-140)	50
n-Hexatriacontane (C36)	3.8	0.9840	3.3515	62		1.63 | (40-140)	50
n-Octatriacontane (C38)	3.8	0.7415	3.4826	72		2.74 | (40-140)	50
n-Tetracontane (C40)	3.8	0.0674	3.3827	87		2.33 | (40-140)	50

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q3740

Sample No : PB170764BS **Datafile:** FE057099.D **Client ID :** PB170764BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	30.0	21.0	70		(40-140)
Aliphatic C9-C28	99.9	65.3	65		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	3.3	1.96343	59		(40-140)
n-Decane (C10)	3.3	2.04088	62		(40-140)
Naphthalene (C11.7)	3.3	2.54234	77		(40-140)
n-Dodecane (C12)	3.3	2.23625	68		(40-140)
2-methylnaphthalene (C12.89)	3.3	2.43256	74		(40-140)
n-Tetradecane (C14)	3.3	2.37666	72		(40-140)
n-Hexadecane (C16)	3.3	2.31687	70		(40-140)
n-Octadecane (C18)	3.3	2.29292	69		(40-140)
n-Eicosane (C20)	3.3	2.38114	72		(40-140)
n-Heneicosane (C21)	3.3	2.39337	73		(40-140)
n-Docosane (C22)	3.3	2.35613	71		(40-140)
n-Tetracosane (C24)	6.7	4.97737	74		(40-140)
n-Hexacosane (C26)	3.3	2.22728	67		(40-140)
n-Octacosane (C28)	3.3	2.19593	67		(40-140)
n-Tricontane (C30)	3.3	1.89370	57		(40-140)
n-Dotriacontane (C32)	3.3	1.76054	53		(40-140)
n-Tetratriacontane (C34)	3.3	1.95903	59		(40-140)
n-Hexatriacontane (C36)	3.3	2.23542	68		(40-140)
n-Octatriacontane (C38)	3.3	2.47751	75		(40-140)
n-Tetracontane (C40)	3.3	2.63600	80		(40-140)

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q3740

Sample No : PB170764BSD **Datafile:** FE057100.D **Client ID :** PB170764BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	30.0	21.1	70		0.39|	(40-140)	25
Aliphatic C9-C28	99.9	65.6	66		0.273|	(40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS(%)	QC Limit Of RPD
n-Eicosane (C20)	3.3	2.38949	72		0|	(40-140)	25
n-Heneicosane (C21)	3.3	2.40190	73		0|	(40-140)	25
n-Docosane (C22)	3.3	2.36298	72		1.4|	(40-140)	25
n-Tetracosane (C24)	6.7	5.00275	75		1.34|	(40-140)	25
n-Hexacosane (C26)	3.3	2.23165	68		1.48|	(40-140)	25
n-Octacosane (C28)	3.3	2.27533	69		2.94|	(40-140)	25
n-Tricontane (C30)	3.3	1.89240	57		0|	(40-140)	25
n-Dotriacontane (C32)	3.3	1.75885	53		0|	(40-140)	25
n-Tetratriacontane (C34)	3.3	1.95522	59		0|	(40-140)	25
n-Hexatriacontane (C36)	3.3	2.26074	69		1.46|	(40-140)	25
n-Octatriacontane (C38)	3.3	2.47593	75		0|	(40-140)	25
n-Tetracontane (C40)	3.3	2.63053	80		0|	(40-140)	25
n-Nonane (C9)	3.3	1.95190	59		0|	(40-140)	25
n-Decane (C10)	3.3	2.03243	62		0|	(40-140)	25
Naphthalene (C11.7)	3.3	2.53876	77		0|	(40-140)	25
n-Dodecane (C12)	3.3	2.23126	68		0|	(40-140)	25
2-methylnaphthalene (C12.89)	3.3	2.44051	74		0|	(40-140)	25
n-Tetradecane (C14)	3.3	2.38021	72		0|	(40-140)	25
n-Hexadecane (C16)	3.3	2.32278	70		0|	(40-140)	25
n-Octadecane (C18)	3.3	2.30031	70		1.44|	(40-140)	25

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4B

METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB170764BL

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3740

Instrument ID: FID_E Lab Sample ID: PB170764BL

Matrix: (soil/water) Solid Date Extracted: 12/1/2025 9:20:00 A

Level: (low/med) low

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

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB170764BS	PB170764BS
PB170764BSD	PB170764BSD
HD-01-11-26-2025MS	Q3732-01MS
HD-01-11-26-2025MSD	Q3732-01MSD
WC1	Q3740-01

COMMENTS:

SAMPLE DATA

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Report of Analysis

Client:	G Environmental			Date Collected:	11/26/25
Project:	Diamond			Date Received:	11/26/25
Client Sample ID:	WC1			SDG No.:	Q3740
Lab Sample ID:	Q3740-01			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	90
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	30.9		1	1.31	2.22	mg/kg	FE057113.D	12/01/25 23:09	PB170764
Aliphatic C9-C28	Aliphatic C9-C28	12.5		1	1.01	4.44	mg/kg	FE057113.D	12/01/25 23:09	PB170764
Total AliphaticEPH	Total AliphaticEPH	43.4			2.32	6.66	mg/kg			
Total EPH	Total EPH	43.4			2.32	6.66	mg/kg			

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental			Date Collected:	11/26/25
Project:	Diamond			Date Received:	11/26/25
Client Sample ID:	WC1			SDG No.:	Q3740
Lab Sample ID:	Q3740-01			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	90
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	12.5		1	1.01	4.44	mg/kg	12/01/25	PB170764
Aliphatic C28-C40	Aliphatic C28-C40	30.9		1	1.31	2.22	mg/kg	12/01/25	PB170764
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.0			40 - 140	48%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	26.0			40 - 140	52%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3740-01	Acq On:	01 Dec 2025 23:09
Client Sample ID:	WC1	Operator:	YP\AJ
Data file:	FE057113.D	Misc:	
Instrument:	FID_E	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.201	6.825	524039	2.612	300	ug/ml
Aliphatic C12-C16	6.826	10.270	1481838	7.293	200	ug/ml
Aliphatic C16-C21	10.271	13.644	16305161	82.218	300	ug/ml
Aliphatic C21-C28	13.645	17.313	15203089	76.495	400	ug/ml
Aliphatic C28-C40	17.314	22.242	83403139	417.225	600	ug/ml
Aliphatic EPH	3.201	22.242	116917266	585.842		ug/ml
ortho-Terphenyl (SURR)	11.942	11.942	5702659	25.99		ug/ml
1-chlorooctadecane (SURR)	13.380	13.380	4000845	24.04		ug/ml
Aliphatic C9-C28	3.201	17.313	33514127	168.618	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057113.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 23:09
Operator : YP\AJ
Sample : Q3740-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
WC1

Integration File: autoint1.e
Quant Time: Dec 02 01:30:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 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)	11.942	5702659	25.987 ug/ml
Spiked Amount 50.000		Recovery =	51.97%
12) S 1-chlorooctadecane (S...	13.380	4000845	24.040 ug/ml
Spiked Amount 50.000		Recovery =	48.08%
Target Compounds			

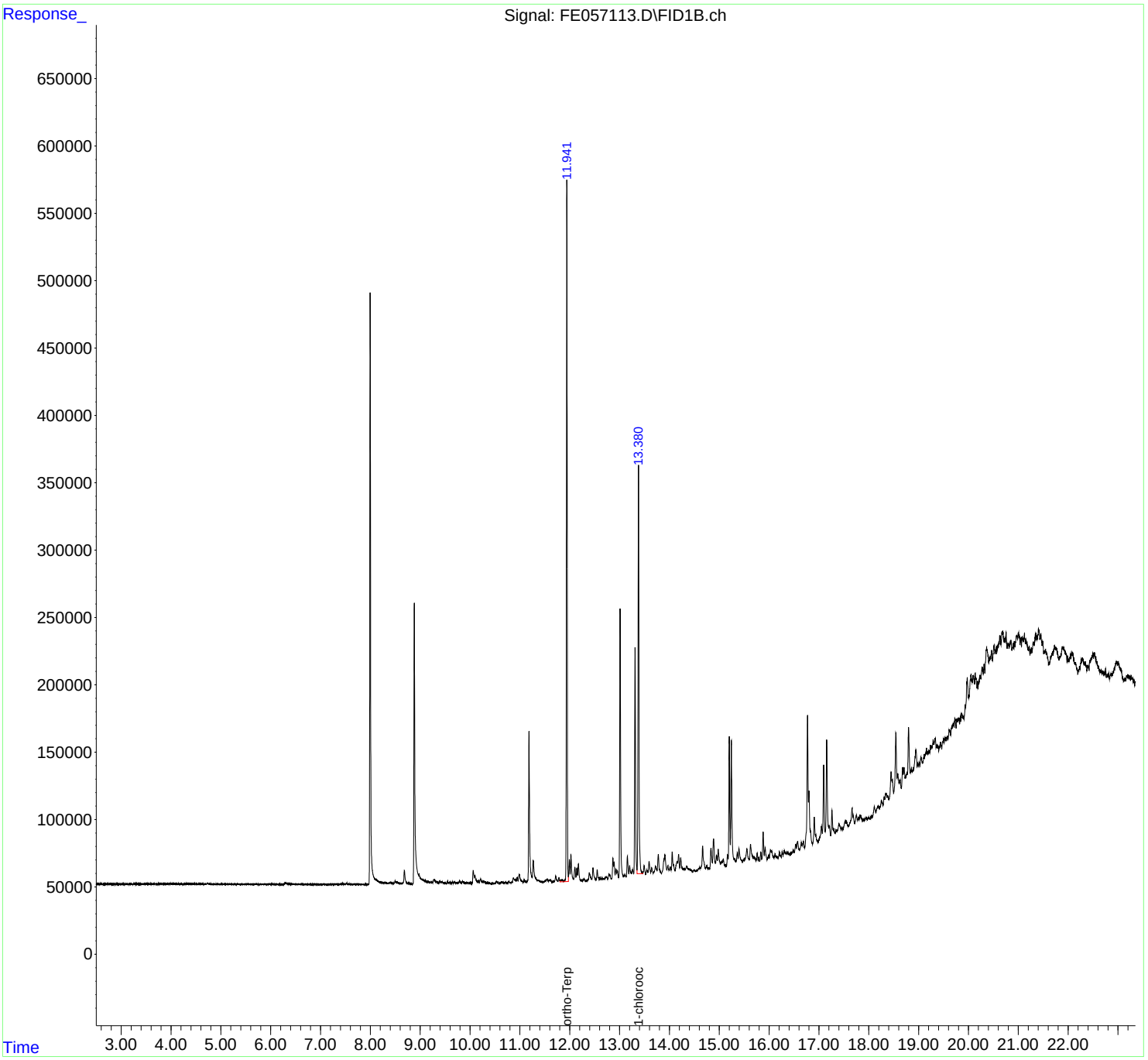
(f)=RT Delta > 1/2 Window (m)=manual int.

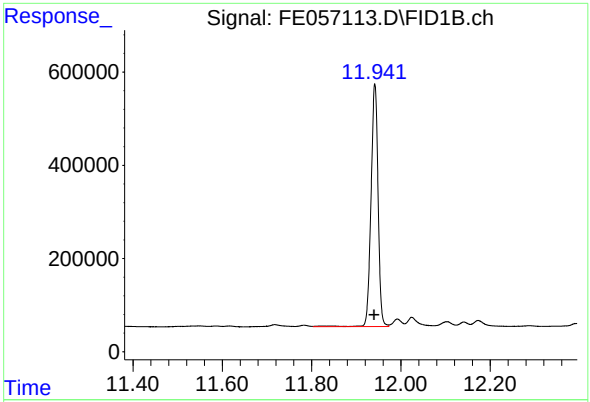
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057113.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 23:09
Operator : YP\AJ
Sample : Q3740-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
WC1

Integration File: autoint1.e
Quant Time: Dec 02 01:30:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

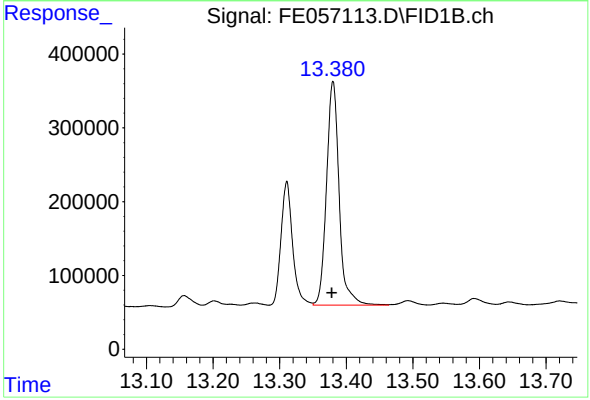




#9 ortho-Terphenyl (SURR)

R.T.: 11.942 min
Delta R.T.: 0.002 min
Response: 5702659
Conc: 25.99 ug/ml

Instrument :
FID_E
ClientSampleId :
WC1



#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: 0.002 min
Response: 4000845
Conc: 24.04 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057113.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 23:09
Sample : Q3740-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.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	2.560	2.524	2.638	BV	66	1571	0.03%	0.001%
2	2.644	2.638	2.654	PV	43	364	0.01%	0.000%
3	2.668	2.654	2.711	VV	100	2141	0.04%	0.002%
4	2.732	2.711	2.855	PV	224	8314	0.15%	0.007%
5	2.866	2.855	2.898	VV	111	1893	0.03%	0.002%
6	2.909	2.898	2.939	VV	140	1990	0.04%	0.002%
7	2.952	2.939	2.960	VV	123	972	0.02%	0.001%
8	2.977	2.960	3.013	VV	139	3138	0.06%	0.003%
9	3.028	3.013	3.054	VV	125	1736	0.03%	0.001%
10	3.100	3.054	3.111	VV	145	3104	0.05%	0.003%
11	3.134	3.111	3.174	VV	163	3930	0.07%	0.003%
12	3.211	3.174	3.274	VV	247	7279	0.13%	0.006%
13	3.292	3.274	3.340	VV	256	7439	0.13%	0.006%
14	3.351	3.340	3.373	VV	190	2943	0.05%	0.002%
15	3.382	3.373	3.392	VV	220	2032	0.04%	0.002%
16	3.434	3.392	3.445	VV	284	6367	0.11%	0.005%
17	3.506	3.445	3.584	VV	299	18960	0.34%	0.016%
18	3.619	3.584	3.682	VV	306	14506	0.26%	0.012%
19	3.698	3.682	3.768	VV	311	13011	0.23%	0.011%
20	3.790	3.768	3.859	VV	351	15912	0.28%	0.013%
21	3.924	3.859	3.957	VV	344	15783	0.28%	0.013%
22	4.000	3.957	4.033	VV	420	13496	0.24%	0.011%
23	4.087	4.033	4.228	VV	443	35964	0.64%	0.030%
24	4.287	4.228	4.418	VV	404	36431	0.64%	0.030%
25	4.460	4.418	4.508	VV	347	16995	0.30%	0.014%
26	4.553	4.508	4.601	VV	420	18124	0.32%	0.015%
27	4.627	4.601	4.676	VV	338	12145	0.21%	0.010%
28	4.730	4.676	4.785	VV	701	25757	0.46%	0.021%
29	4.836	4.785	4.894	VV	409	19609	0.35%	0.016%
30	4.916	4.894	4.931	VV	281	6097	0.11%	0.005%
31	4.945	4.931	4.959	VV	313	4778	0.08%	0.004%
32	5.001	4.959	5.051	VV	345	15529	0.27%	0.013%
33	5.063	5.051	5.101	VV	318	7299	0.13%	0.006%
34	5.134	5.101	5.193	VV	292	13305	0.24%	0.011%
35	5.218	5.193	5.285	VV	260	12080	0.21%	0.010%
36	5.302	5.285	5.427	VV	232	13363	0.24%	0.011%

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37	5.476	5.427	5.501	VV	191	5991	0.11%	0.005%
38	5.542	5.501	5.674	VV	253	17742	0.31%	0.015%
39	5.694	5.674	5.758	VV	297	8014	0.14%	0.007%
40	5.813	5.758	5.871	VV	189	9251	0.16%	0.008%
41	5.885	5.871	5.968	VV	159	6525	0.12%	0.005%
42	5.991	5.968	6.078	VV	268	9722	0.17%	0.008%
43	6.093	6.078	6.148	VV	166	4001	0.07%	0.003%
44	6.165	6.148	6.214	VV	95	2525	0.04%	0.002%
45	6.228	6.214	6.247	PV	123	1636	0.03%	0.001%
46	6.296	6.247	6.418	VV	1107	54804	0.97%	0.045%
47	6.433	6.418	6.578	VV	534	23458	0.41%	0.019%
48	6.623	6.578	6.693	VV	390	14222	0.25%	0.012%
49	6.728	6.693	6.841	VV	229	10944	0.19%	0.009%
50	6.877	6.841	6.928	VV	138	4341	0.08%	0.004%
51	6.937	6.928	6.968	VV	86	1498	0.03%	0.001%
52	7.017	6.968	7.104	VV	95	5423	0.10%	0.004%
53	7.156	7.104	7.191	PV	131	3911	0.07%	0.003%
54	7.204	7.191	7.223	VV	137	1640	0.03%	0.001%
55	7.303	7.223	7.332	VV	164	8227	0.15%	0.007%
56	7.404	7.332	7.428	VV	590	18318	0.32%	0.015%
57	7.445	7.428	7.494	VV	591	15613	0.28%	0.013%
58	7.521	7.494	7.645	VV	886	34057	0.60%	0.028%
59	7.675	7.645	7.784	VV	351	13545	0.24%	0.011%
60	7.796	7.784	7.901	VV	109	5640	0.10%	0.005%
61	8.399	8.360	8.471	VV	1290	63047	1.11%	0.052%
62	8.497	8.471	8.624	VV	2516	106263	1.88%	0.087%
63	8.683	8.624	8.758	VV	10089	209679	3.71%	0.172%
64	8.772	8.758	8.851	VV	933	23260	0.41%	0.019%
65	9.221	9.198	9.244	VV	1395	36216	0.64%	0.030%
66	9.279	9.244	9.371	VV	3078	138927	2.46%	0.114%
67	9.392	9.371	9.416	VV	2183	41649	0.74%	0.034%
68	9.437	9.416	9.511	VV	1796	52913	0.94%	0.043%
69	9.549	9.511	9.571	VV	1748	33476	0.59%	0.027%
70	9.589	9.571	9.625	VV	1118	24616	0.44%	0.020%
71	9.688	9.625	9.717	VV	1437	47630	0.84%	0.039%
72	9.737	9.717	9.761	VV	882	17141	0.30%	0.014%
73	9.791	9.761	9.827	VV	1825	42657	0.75%	0.035%
74	9.851	9.827	9.911	VV	1770	42869	0.76%	0.035%
75	9.930	9.911	9.994	VV	807	27625	0.49%	0.023%
76	10.003	9.994	10.034	VV	554	8900	0.16%	0.007%
77	10.065	10.034	10.186	VV	9542	327204	5.78%	0.269%
78	10.210	10.186	10.334	VV	3043	125553	2.22%	0.103%
79	10.348	10.334	10.434	VV	610	16857	0.30%	0.014%
80	10.526	10.434	10.600	PV	1291	30787	0.54%	0.025%
81	10.628	10.600	10.688	VV	811	28771	0.51%	0.024%
82	10.709	10.688	10.748	VV	729	11126	0.20%	0.009%
83	10.778	10.748	10.817	PV	1377	25684	0.45%	0.021%
84	10.871	10.817	10.928	VV	3918	126737	2.24%	0.104%
85	10.945	10.928	10.962	VV	4246	57040	1.01%	0.047%
86	10.987	10.962	11.063	VV	5908	164766	2.91%	0.135%
87	11.085	11.063	11.134	VV	2375	49801	0.88%	0.041%
88	11.183	11.134	11.244	VV	108759	1545987	27.32%	1.269%
89	11.269	11.244	11.468	VV	16235	458918	8.11%	0.377%

90	11.546	11.468	11.568	VV	1974	68150	1.20%	0.056%
91	11.586	11.568	11.601	VV	1784	27394	0.48%	0.022%
92	11.616	11.601	11.652	VV	1757	24543	0.43%	0.020%
93	11.719	11.652	11.764	PV	4569	95600	1.69%	0.078%
94	11.783	11.764	11.804	VV	3274	43306	0.77%	0.036%
95	11.844	11.804	11.880	VV	1455	49986	0.88%	0.041%
96	11.941	11.880	11.973	VV	523515	5658278	100.00%	4.644%
97	11.992	11.973	12.008	VV	16236	209934	3.71%	0.172%
98	12.025	12.008	12.071	VV	19737	320073	5.66%	0.263%
99	12.103	12.071	12.123	VV	10256	180091	3.18%	0.148%
100	12.141	12.123	12.155	VV	9593	122744	2.17%	0.101%
101	12.173	12.155	12.242	VV	12805	218459	3.86%	0.179%
102	12.287	12.242	12.321	VV	1553	27669	0.49%	0.023%
103	12.394	12.321	12.441	PV	5866	136887	2.42%	0.112%
104	12.467	12.441	12.528	VV	9101	173990	3.07%	0.143%
105	12.552	12.528	12.629	VV	7652	136736	2.42%	0.112%
106	12.648	12.629	12.677	VV	1098	19778	0.35%	0.016%
107	12.738	12.677	12.764	VV	1932	53357	0.94%	0.044%
108	12.788	12.764	12.838	VV	3894	78590	1.39%	0.065%
109	12.868	12.838	12.911	PV	15115	352961	6.24%	0.290%
110	12.929	12.911	12.981	VV	6865	182333	3.22%	0.150%
111	13.011	12.981	13.084	VV	197951	2507707	44.32%	2.058%
112	13.106	13.084	13.128	VV	2423	41081	0.73%	0.034%
113	13.158	13.128	13.184	VV	15533	241413	4.27%	0.198%
114	13.202	13.184	13.240	VV	8552	165134	2.92%	0.136%
115	13.262	13.240	13.284	VV	5378	103901	1.84%	0.085%
116	13.311	13.284	13.351	VV	170092	2115035	37.38%	1.736%
117	13.380	13.351	13.462	VV	306511	4134393	73.07%	3.394%
118	13.493	13.462	13.523	VV	7713	156109	2.76%	0.128%
119	13.547	13.523	13.566	VV	4136	79731	1.41%	0.065%
120	13.593	13.566	13.625	VV	10203	197717	3.49%	0.162%
121	13.645	13.625	13.676	VV	5491	105424	1.86%	0.087%
122	13.722	13.676	13.754	VV	6582	185322	3.28%	0.152%
123	13.777	13.754	13.841	VV	15082	303517	5.36%	0.249%
124	13.909	13.841	13.948	VV	13661	449002	7.94%	0.369%
125	13.968	13.948	13.991	VV	5897	109089	1.93%	0.090%
126	14.016	13.991	14.034	VV	5031	97626	1.73%	0.080%
127	14.057	14.034	14.110	VV	15714	315880	5.58%	0.259%
128	14.184	14.110	14.207	VV	13578	418660	7.40%	0.344%
129	14.227	14.207	14.319	VV	10700	283550	5.01%	0.233%
130	14.346	14.319	14.464	VV	4351	172733	3.05%	0.142%
131	14.496	14.464	14.522	PV	1247	16137	0.29%	0.013%
132	14.606	14.522	14.621	PV	2115	55599	0.98%	0.046%
133	14.667	14.621	14.724	VV	17570	368773	6.52%	0.303%
134	14.748	14.724	14.794	VV	2908	54117	0.96%	0.044%
135	14.834	14.794	14.861	VV	14960	254634	4.50%	0.209%
136	14.885	14.861	14.924	VV	21842	430595	7.61%	0.353%
137	14.946	14.924	14.960	VV	9209	144308	2.55%	0.118%
138	14.980	14.960	15.028	VV	13417	290523	5.13%	0.238%
139	15.080	15.028	15.144	VV	5790	180956	3.20%	0.149%
140	15.201	15.144	15.221	VV	95447	1259985	22.27%	1.034%
141	15.242	15.221	15.331	VV	91816	1520001	26.86%	1.248%

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142	15.361	15.331	15.377	VV	8993	153985	2.72%	0.126%
143	15.396	15.377	15.466	VV	11477	287194	5.08%	0.236%
144	15.554	15.466	15.601	VV	10397	360121	6.36%	0.296%
145	15.628	15.601	15.735	VV	13481	420120	7.42%	0.345%
146	15.759	15.735	15.811	VV	6304	113247	2.00%	0.093%
147	15.834	15.811	15.853	PV	6489	80184	1.42%	0.066%
148	15.880	15.853	15.903	VV	21130	299247	5.29%	0.246%
149	15.920	15.903	15.960	VV	9383	156253	2.76%	0.128%
150	16.030	15.960	16.091	VV	6464	252988	4.47%	0.208%
151	16.119	16.091	16.184	VV	2978	74278	1.31%	0.061%
152	16.208	16.184	16.241	PV	3398	55929	0.99%	0.046%
153	16.262	16.241	16.280	VV	3557	45439	0.80%	0.037%
154	16.304	16.280	16.338	VV	3833	89269	1.58%	0.073%
155	16.359	16.338	16.404	VV	2296	51295	0.91%	0.042%
156	16.483	16.404	16.503	VV	2036	39162	0.69%	0.032%
157	16.570	16.503	16.608	PV	7174	231298	4.09%	0.190%
158	16.647	16.608	16.664	VV	5194	93340	1.65%	0.077%
159	16.686	16.664	16.714	VV	5198	90088	1.59%	0.074%
160	16.771	16.714	16.870	VV	97175	2211536	39.08%	1.815%
161	16.907	16.870	16.981	VV	19616	394803	6.98%	0.324%
162	17.050	16.981	17.066	VV	10301	225989	3.99%	0.185%
163	17.095	17.066	17.124	VV	55464	807546	14.27%	0.663%
164	17.157	17.124	17.235	VV	71039	1316598	23.27%	1.081%
165	17.262	17.235	17.321	VV	18915	336749	5.95%	0.276%
166	17.403	17.321	17.445	VV	6422	251873	4.45%	0.207%
167	17.462	17.445	17.480	VV	2764	45310	0.80%	0.037%
168	17.544	17.480	17.584	VV	6203	265057	4.68%	0.218%
169	17.664	17.584	17.714	VV	13445	448695	7.93%	0.368%
170	17.750	17.714	17.774	VV	7432	165794	2.93%	0.136%
171	17.829	17.774	17.901	VV	6182	274023	4.84%	0.225%
172	17.949	17.901	17.974	VV	2093	65946	1.17%	0.054%
173	17.993	17.974	18.020	VV	1877	28138	0.50%	0.023%
174	18.111	18.020	18.142	PV	7114	171292	3.03%	0.141%
175	18.187	18.142	18.214	VV	5914	178373	3.15%	0.146%
176	18.254	18.214	18.284	VV	7143	218380	3.86%	0.179%
177	18.345	18.284	18.411	VV	10719	586746	10.37%	0.482%
178	18.447	18.411	18.498	VV	24381	764305	13.51%	0.627%
179	18.543	18.498	18.611	VV	51031	1454432	25.70%	1.194%
180	18.625	18.611	18.654	VV	13423	286506	5.06%	0.235%
181	18.707	18.654	18.734	VV	21042	789690	13.96%	0.648%
182	18.798	18.734	18.834	VV	47988	1331601	23.53%	1.093%
183	18.853	18.834	18.871	VV	16633	337019	5.96%	0.277%
184	18.945	18.871	18.996	VV	28065	1408642	24.90%	1.156%
185	19.011	18.996	19.024	VV	16964	263518	4.66%	0.216%
186	19.049	19.024	19.077	VV	19053	553036	9.77%	0.454%
187	19.158	19.077	19.206	VV	23968	1506732	26.63%	1.237%
188	19.331	19.206	19.404	VV	26821	2600330	45.96%	2.134%
189	19.440	19.404	19.464	VV	20918	673119	11.90%	0.553%
190	19.531	19.464	19.550	VV	22548	1056715	18.68%	0.867%
191	19.616	19.550	19.640	VV	24897	1206604	21.32%	0.990%
192	19.729	19.640	19.751	VV	30687	1793579	31.70%	1.472%
193	19.795	19.751	19.822	VV	30228	1208486	21.36%	0.992%
194	19.862	19.822	19.911	VV	32002	1549625	27.39%	1.272%

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195	19.974	19.911	20.014	VV	55672	2535038	44.80%	2.081%
196	20.050	20.014	20.076	VV	55104	1871002	33.07%	1.536%
197	20.097	20.076	20.124	VV	52817	1484207	26.23%	1.218%
198	20.138	20.124	20.192	VV	53225	1947313	34.42%	1.598%
199	20.274	20.192	20.295	VV	53935	3097529	54.74%	2.543%
200	20.312	20.295	20.327	VV	56936	1003452	17.73%	0.824%
201	20.365	20.327	20.427	VV	67409	3643141	64.39%	2.990%
202	20.462	20.427	20.481	VV	63170	1912919	33.81%	1.570%
203	20.512	20.481	20.534	VV	64794	1964126	34.71%	1.612%
204	20.631	20.534	20.651	VV	69308	4458698	78.80%	3.660%
205	20.683	20.651	20.727	VV	72371	3096894	54.73%	2.542%
206	20.754	20.727	20.778	VV	69555	1927471	34.06%	1.582%
207	20.797	20.778	20.813	VV	60204	1252622	22.14%	1.028%
208	20.850	20.813	20.881	VV	61399	2350429	41.54%	1.929%
209	20.969	20.881	20.983	VV	61657	3533023	62.44%	2.900%
210	21.003	20.983	21.064	VV	62756	2811309	49.68%	2.308%
211	21.080	21.064	21.098	VV	57359	1142650	20.19%	0.938%
212	21.122	21.098	21.234	VV	58802	4124542	72.89%	3.386%
213	21.342	21.234	21.381	VV	53132	4141897	73.20%	3.400%
214	21.408	21.381	21.444	VV	53953	1957397	34.59%	1.607%
215	21.451	21.444	21.518	VV	50484	1898982	33.56%	1.559%
216	21.543	21.518	21.623	VV	36621	1970463	34.82%	1.617%
217	21.727	21.623	21.814	VV	34097	3374655	59.64%	2.770%
218	21.885	21.814	22.016	VV	29504	2895742	51.18%	2.377%
219	22.078	22.016	22.194	VV	20777	1524072	26.94%	1.251%
220	22.282	22.194	22.377	VV	11802	747888	13.22%	0.614%

Sum of corrected areas: 121828692

Aliphatic EPH 112725.M Tue Dec 02 04:06:44 2025

CALIBRATION SUMMARY

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

Inital Calibration Report for SequenceID : FE112725AL

AreaCount

Parameter Range	FE057079.D	FE057080.D	FE057081.D	FE057082.D	FE057083.D	
Aliphatic C9-C12	61605037.000	31277615.000	12078695.000	6106296.000	2768341.000	
Aliphatic C12-C16	41258739.000	21226436.000	8163447.000	4125032.000	1869909.000	
Aliphatic C16-C21	59019889.000	30708814.000	11879495.000	6090368.000	2836749.000	
Aliphatic C21-C28	73624885.000	39419560.000	15065933.000	8282818.000	4343612.000	
Aliphatic C28-C40	101281520.000	54740735.000	22794814.000	12906501.000	7294880.000	
Aliphatic EPH	336790070.000	177373160.000	69982384.000	37511015.000	19113491.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	200655.681333	4.674				
Aliphatic C12-C16	203177.346	4.699				
Aliphatic C16-C21	198315.7679996	3.092				
Aliphatic C21-C28	198747.045	6.825				
Aliphatic C28-C40	199899.8899996	14.74				
Aliphatic EPH	199869.8088884	5.185				

Concentration

Parameter Range	FE057079.D	FE057080.D	FE057081.D	FE057082.D	FE057083.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	FE057079.D	FE057080.D	FE057081.D	FE057082.D	FE057083.D	
Aliphatic C9-C12	205350.123333	208517.433333	201311.583333	203543.200000	184556.066666	
Aliphatic C12-C16	206293.695000	212264.360000	204086.175000	206251.600000	186990.900000	
Aliphatic C16-C21	196732.963333	204725.426666	197991.583333	203012.266666	189116.600000	

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

Inital Calibration Report for SequenceID : FE112725AL

Aliphatic C21-C28	184062.212500	197097.800000	188324.162500	207070.450000	217180.600000	
Aliphatic C28-C40	168802.533333	182469.116666	189956.783333	215108.350000	243162.666666	
Aliphatic EPH	187105.594444	197081.288888	194395.511111	208394.527777	212372.122222	

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057079.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 12:17
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: sample.E
Quant Time: Dec 01 07:58:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 07:57:16 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)	11.952	21912187	99.913 ug/ml
Spiked Amount	50.000		Recovery =	199.83%
12) S	1-chlorooctadecane (S...	13.387	16734087	100.123 ug/ml
Spiked Amount	50.000		Recovery =	200.25%
	Target Compounds			
1) T	n-Nonane (C9)	3.305	20032402	102.382 ug/ml
2) T	n-Decane (C10)	4.559	20702539	101.808 ug/ml
3) T	A~Naphthalene (C11.7)	6.274	22085713	107.616 ug/ml
4) T	n-Dodecane (C12)	6.732	20870096	101.844 ug/ml
5) T	A~2-methylnaphthalene...	7.375	21107253	109.140 ug/ml
6) T	n-Tetradecane (C14)	8.566	20485583	101.338 ug/ml
7) T	n-Hexadecane (C16)	10.179	20773156	100.830 ug/ml
8) T	n-Octadecane (C18)	11.628	20604069	99.790 ug/ml
10) T	n-Eicosane (C20)	12.940	19440685	99.216 ug/ml
11) T	n-Heneicosane (C21)	13.554	18975135	99.058 ug/ml
13) T	n-Docosane (C22)	14.142	18765832	99.250 ug/ml
14) T	n-Tetracosane (C24)	15.248	18530924	98.759 ug/ml
15) T	n-Hexacosane (C26)	16.272	18269735	98.195 ug/ml
16) T	n-Octacosane (C28)	17.224	18058394	94.781 ug/ml
17) T	n-Tricontane (C30)	18.115	18497733	88.764 ug/ml
18) T	n-Dotriacontane (C32)	18.950	18131393	83.894 ug/ml
19) T	n-Tetratriacontane (C34)	19.735	17264372	85.119 ug/ml
20) T	n-Hexatriacontane (C36)	20.476	15948521	88.913 ug/ml
21) T	n-Octatriacontane (C38)	21.226	15667436	92.925 ug/ml
22) T	n-Tetracontane (C40)	22.161	15772065	95.922 ug/ml

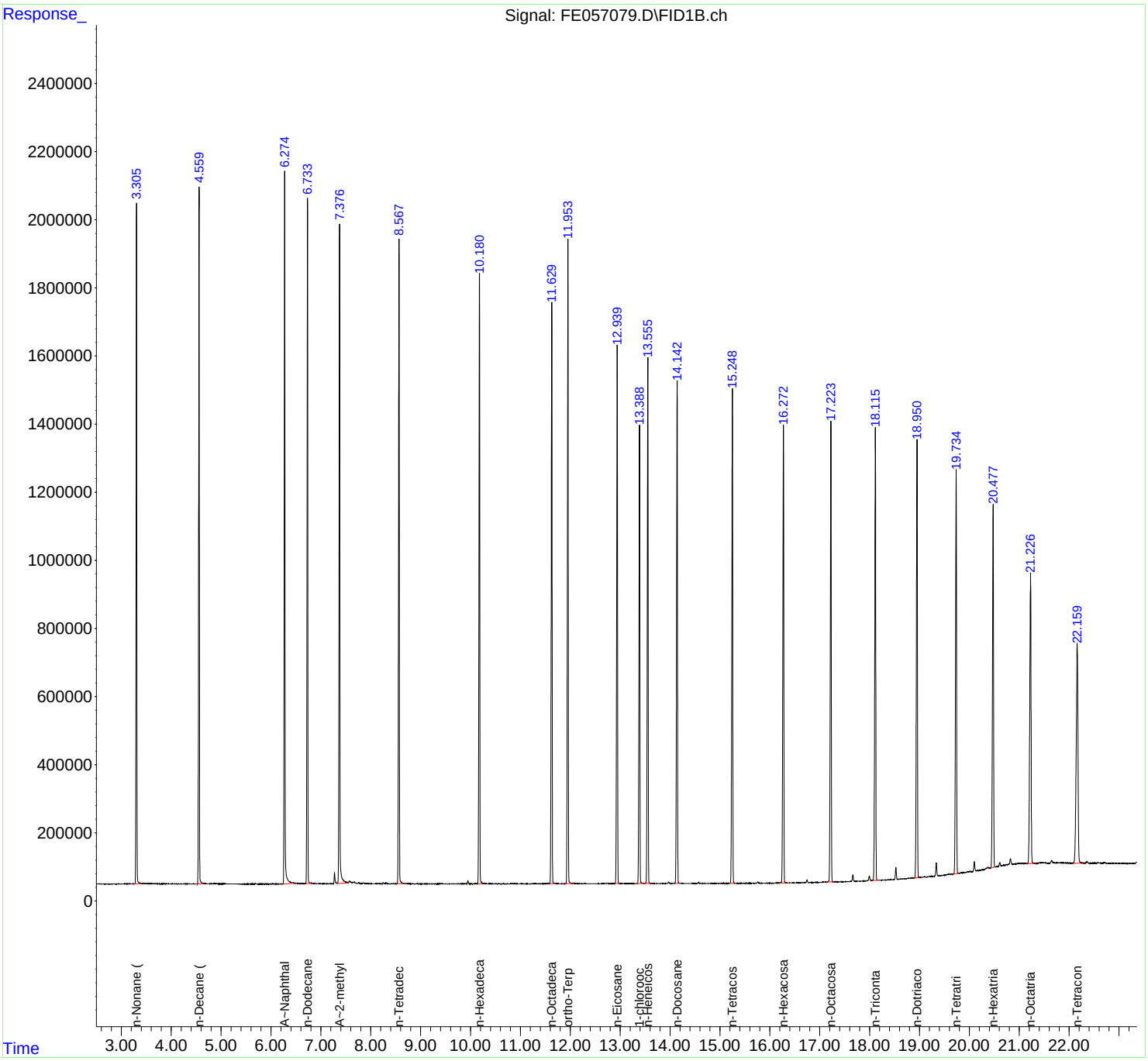
(f)=RT Delta > 1/2 Window (m)=manual int.

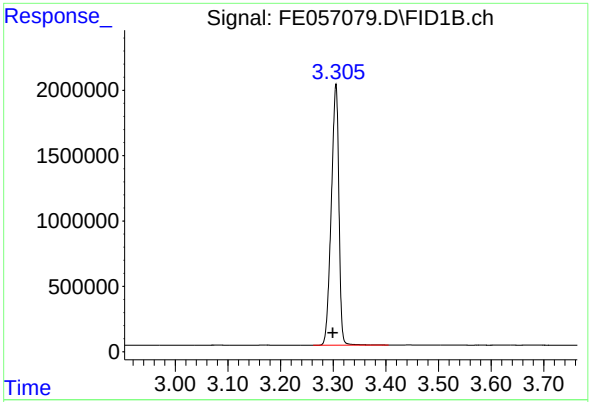
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057079.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 12:17
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: sample.E
Quant Time: Dec 01 07:58:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 07:57:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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

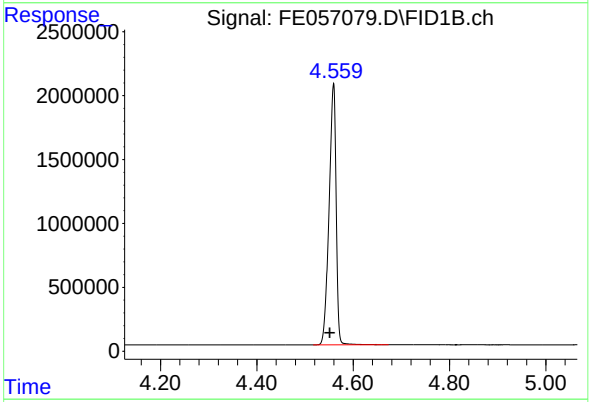




#1 n-Nonane (C9)

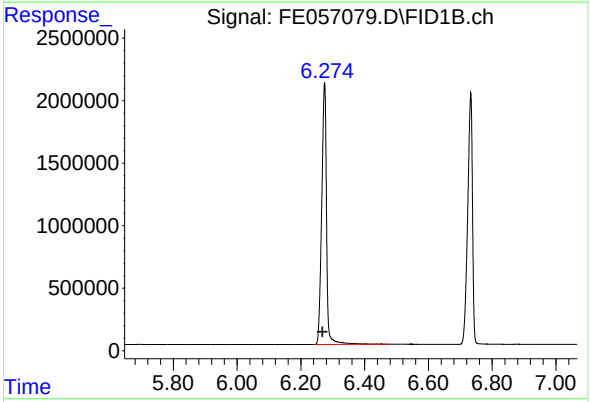
R.T.: 3.305 min
Delta R.T.: 0.006 min
Response: 20032402
Conc: 102.38 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



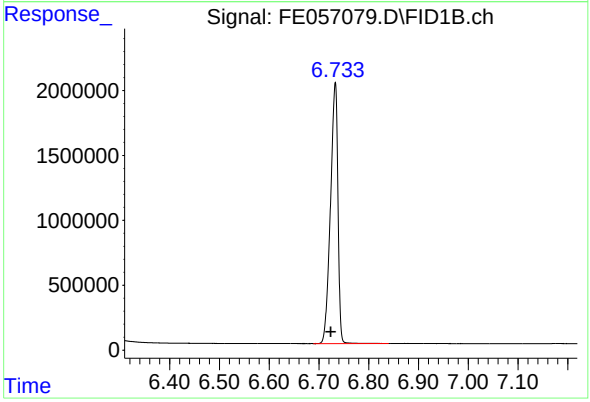
#2 n-Decane (C10)

R.T.: 4.559 min
Delta R.T.: 0.007 min
Response: 20702539
Conc: 101.81 ug/ml



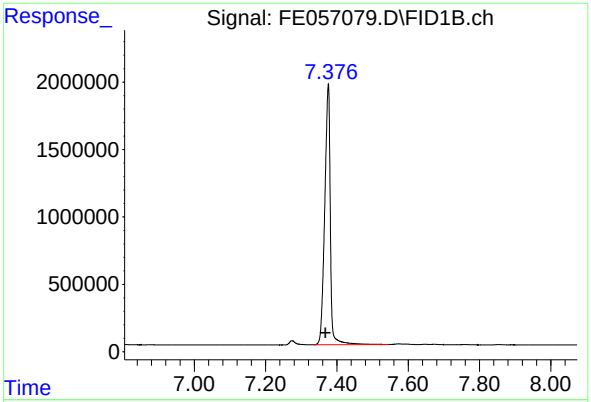
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.006 min
Response: 22085713
Conc: 107.62 ug/ml



#4 n-Dodecane (C12)

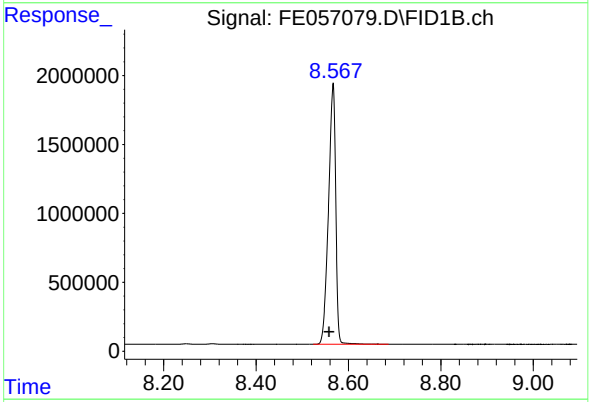
R.T.: 6.732 min
Delta R.T.: 0.008 min
Response: 20870096
Conc: 101.84 ug/ml



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

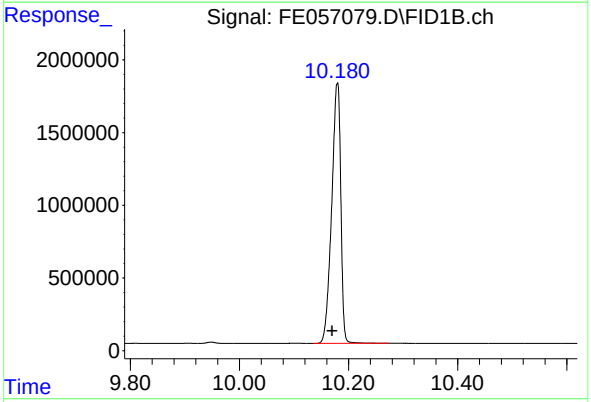
R.T.: 7.375 min
Delta R.T.: 0.008 min
Response: 21107253
Conc: 109.14 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



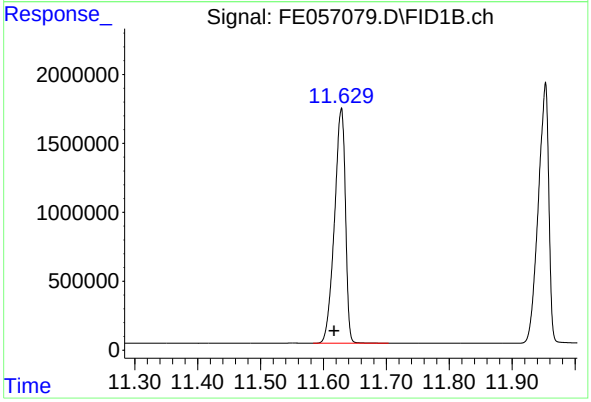
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: 0.009 min
Response: 20485583
Conc: 101.34 ug/ml



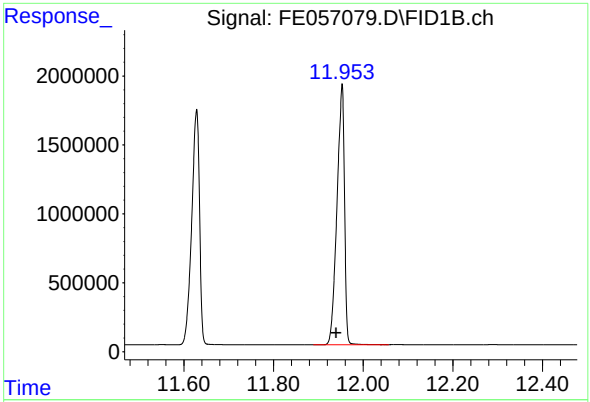
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: 0.009 min
Response: 20773156
Conc: 100.83 ug/ml



#8 n-Octadecane (C18)

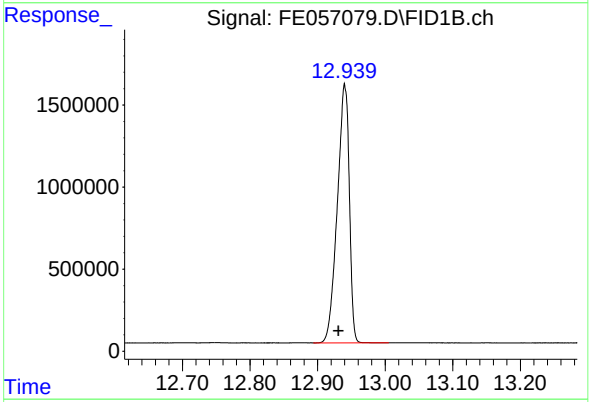
R.T.: 11.628 min
Delta R.T.: 0.011 min
Response: 20604069
Conc: 99.79 ug/ml



#9 ortho-Terphenyl (SURR)

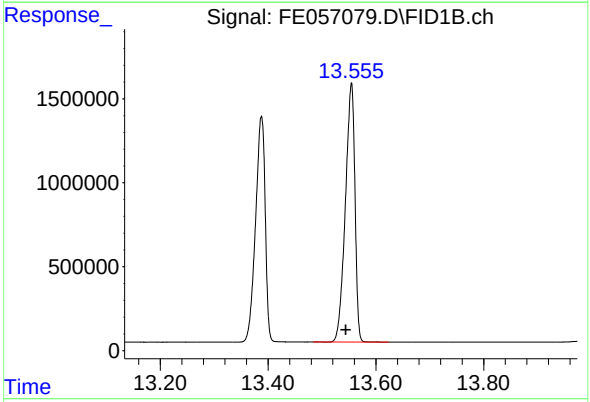
R.T.: 11.952 min
Delta R.T.: 0.012 min
Response: 21912187
Conc: 99.91 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



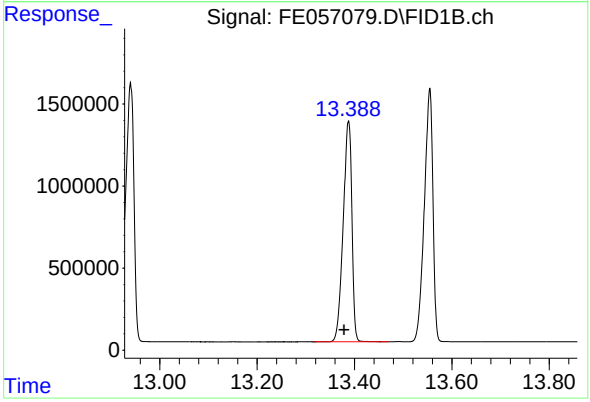
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: 0.009 min
Response: 19440685
Conc: 99.22 ug/ml



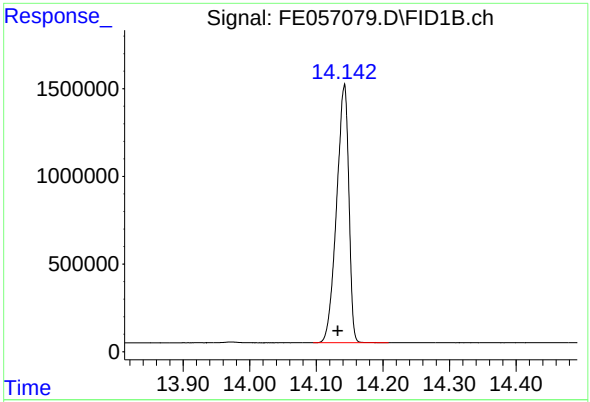
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.010 min
Response: 18975135
Conc: 99.06 ug/ml



#12 1-chlorooctadecane (SURR)

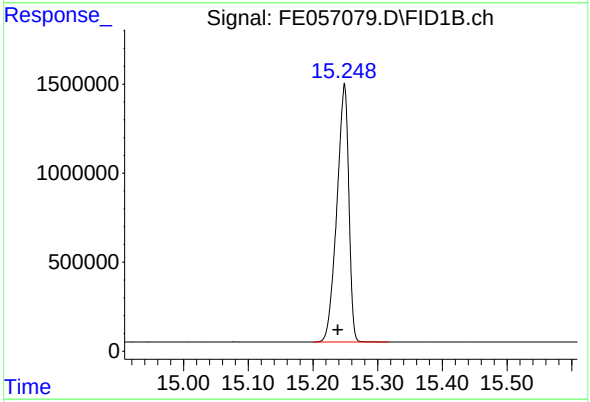
R.T.: 13.387 min
Delta R.T.: 0.009 min
Response: 16734087
Conc: 100.12 ug/ml



#13 n-Docosane (C22)

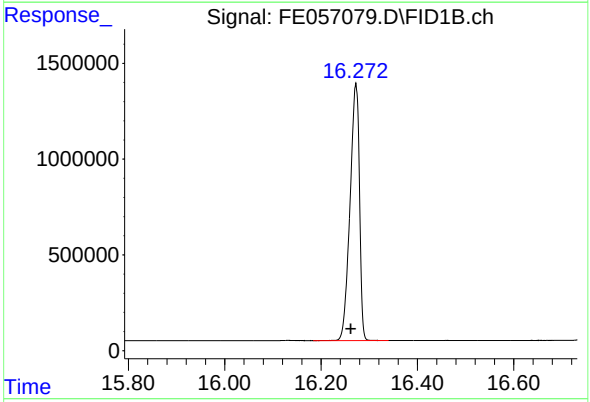
R.T.: 14.142 min
Delta R.T.: 0.009 min
Response: 18765832
Conc: 99.25 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



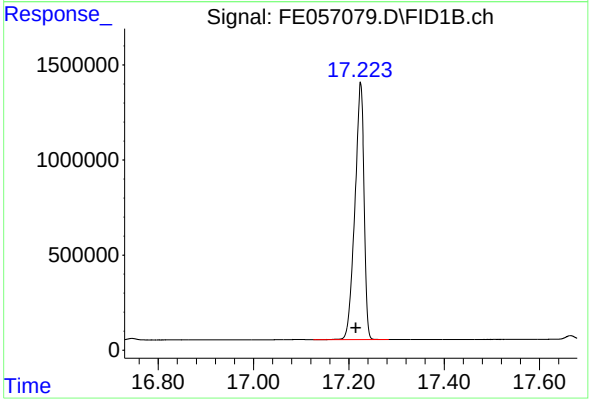
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: 0.010 min
Response: 18530924
Conc: 98.76 ug/ml



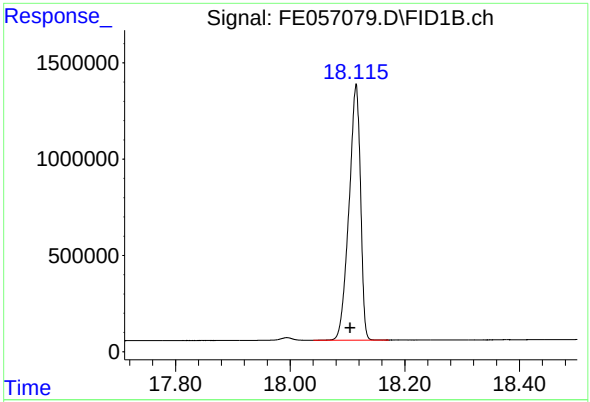
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: 0.010 min
Response: 18269735
Conc: 98.20 ug/ml



#16 n-Octacosane (C28)

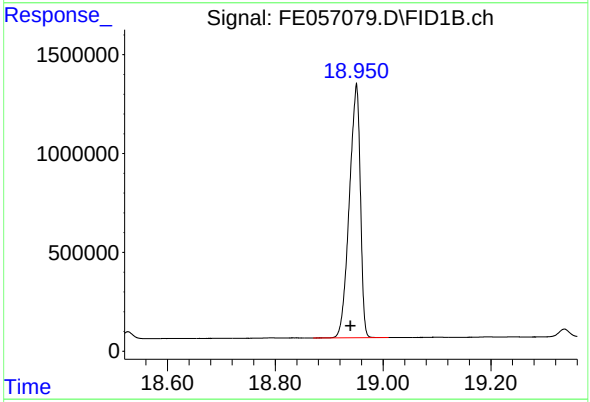
R.T.: 17.224 min
Delta R.T.: 0.010 min
Response: 18058394
Conc: 94.78 ug/ml



#17 n-Tricontane (C30)

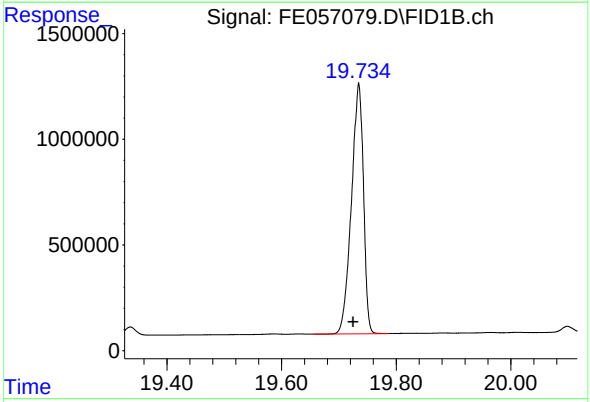
R.T.: 18.115 min
Delta R.T.: 0.010 min
Response: 18497733
Conc: 88.76 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



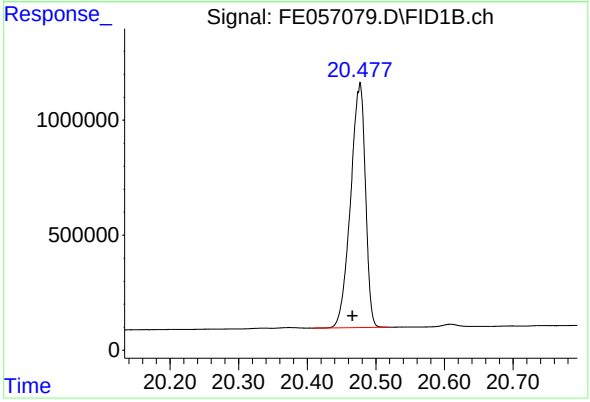
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: 0.011 min
Response: 18131393
Conc: 83.89 ug/ml



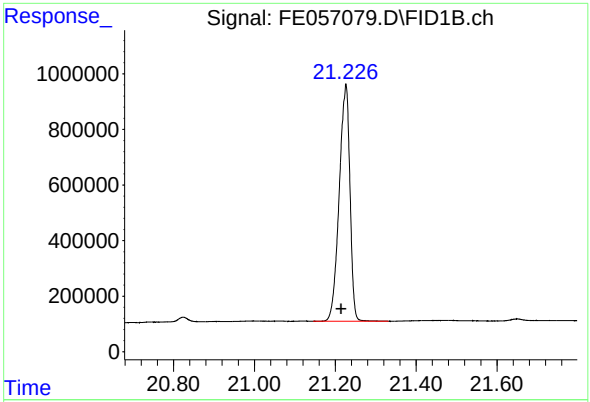
#19 n-Tetratriacontane (C34)

R.T.: 19.735 min
Delta R.T.: 0.010 min
Response: 17264372
Conc: 85.12 ug/ml



#20 n-Hexatriacontane (C36)

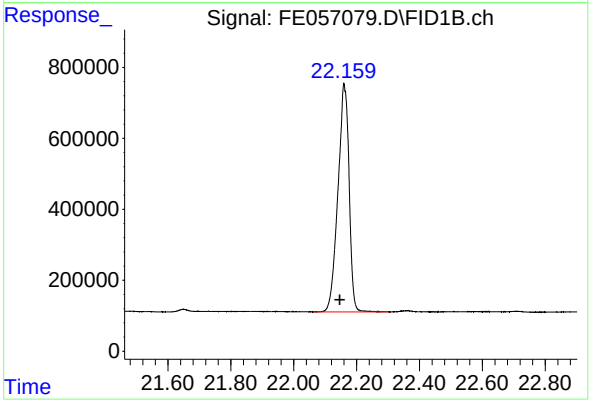
R.T.: 20.476 min
Delta R.T.: 0.010 min
Response: 15948521
Conc: 88.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.226 min
Delta R.T.: 0.012 min
Response: 15667436
Conc: 92.93 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.161 min
Delta R.T.: 0.014 min
Response: 15772065
Conc: 95.92 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057079.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 12:17
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 51 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.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	3.305	3.262	3.405	BB	2004999	20032402	90.70%	4.785%
2	4.559	4.517	4.674	BB	2037297	20702539	93.74%	4.945%
3	6.274	6.239	6.475	BB	2085334	22085713	100.00%	5.276%
4	6.732	6.689	6.840	BB	1991584	20870096	94.50%	4.985%
5	7.375	7.333	7.545	VV	1923181	21107253	95.57%	5.042%
6	8.566	8.524	8.687	BB	1901958	20485583	92.75%	4.893%
7	10.179	10.135	10.274	BB	1794006	20773156	94.06%	4.962%
8	11.628	11.584	11.704	BB	1707246	20604069	93.29%	4.922%
9	11.952	11.889	12.057	BB	1866752	21912187	99.21%	5.234%
10	12.940	12.894	13.005	BB	1574265	19440685	88.02%	4.644%
11	13.388	13.315	13.470	BB	1344578	16734087	75.77%	3.997%
12	13.554	13.484	13.624	BB	1535018	18975135	85.92%	4.533%
13	14.142	14.095	14.209	BB	1465698	18765832	84.97%	4.483%
14	15.248	15.200	15.317	BB	1454610	18530924	83.90%	4.427%
15	16.272	16.184	16.340	BB	1338632	18269735	82.72%	4.364%
16	17.224	17.125	17.284	BB	1349445	18058394	81.77%	4.314%
17	18.115	18.040	18.172	BB	1333893	18497733	83.75%	4.419%
18	18.950	18.870	19.010	BB	1282735	18131393	82.10%	4.331%
19	19.735	19.655	19.787	BV	1188265	17264372	78.17%	4.124%
20	20.476	20.409	20.519	BB	1067077	15948521	72.21%	3.810%
21	21.226	21.145	21.332	BB	850741	15667436	70.94%	3.743%
22	22.161	22.062	22.302	BB	642352	15772065	71.41%	3.768%

Sum of corrected areas: 418629310

Aliphatic EPH 112725.M Mon Dec 01 08:15:06 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057080.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 12:47
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: sample.E
Quant Time: Dec 01 07:58:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 07:57:16 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)	11.945	11338527	51.700 ug/ml
Spiked Amount	50.000		Recovery =	103.40%
12) S	1-chlorooctadecane (S...	13.382	8686353	51.972 ug/ml
Spiked Amount	50.000		Recovery =	103.94%
	Target Compounds			
1) T	n-Nonane (C9)	3.301	10181724	52.037 ug/ml
2) T	n-Decane (C10)	4.554	10507352	51.672 ug/ml
3) T	A~Naphthalene (C11.7)	6.269	11023314	53.713 ug/ml
4) T	n-Dodecane (C12)	6.727	10588539	51.671 ug/ml
5) T	A~2-methylnaphthalene...	7.369	10490219	54.242 ug/ml
6) T	n-Tetradecane (C14)	8.561	10501579	51.949 ug/ml
7) T	n-Hexadecane (C16)	10.174	10724857	52.057 ug/ml
8) T	n-Octadecane (C18)	11.622	10702524	51.834 ug/ml
10) T	n-Eicosane (C20)	12.935	10128886	51.693 ug/ml
11) T	n-Heneicosane (C21)	13.548	9877404	51.564 ug/ml
13) T	n-Docosane (C22)	14.136	9855250	52.123 ug/ml
14) T	n-Tetracosane (C24)	15.242	9936631	52.957 ug/ml
15) T	n-Hexacosane (C26)	16.266	9814397	52.750 ug/ml
16) T	n-Octacosane (C28)	17.219	9813282	51.506 ug/ml
17) T	n-Tricontane (C30)	18.109	10211769	49.003 ug/ml
18) T	n-Dotriacontane (C32)	18.944	10157241	46.997 ug/ml
19) T	n-Tetratriacontane (C34)	19.730	9478160	46.731 ug/ml
20) T	n-Hexatriacontane (C36)	20.472	8500505	47.390 ug/ml
21) T	n-Octatriacontane (C38)	21.219	8187666	48.562 ug/ml
22) T	n-Tetracontane (C40)	22.152	8205394	49.903 ug/ml

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

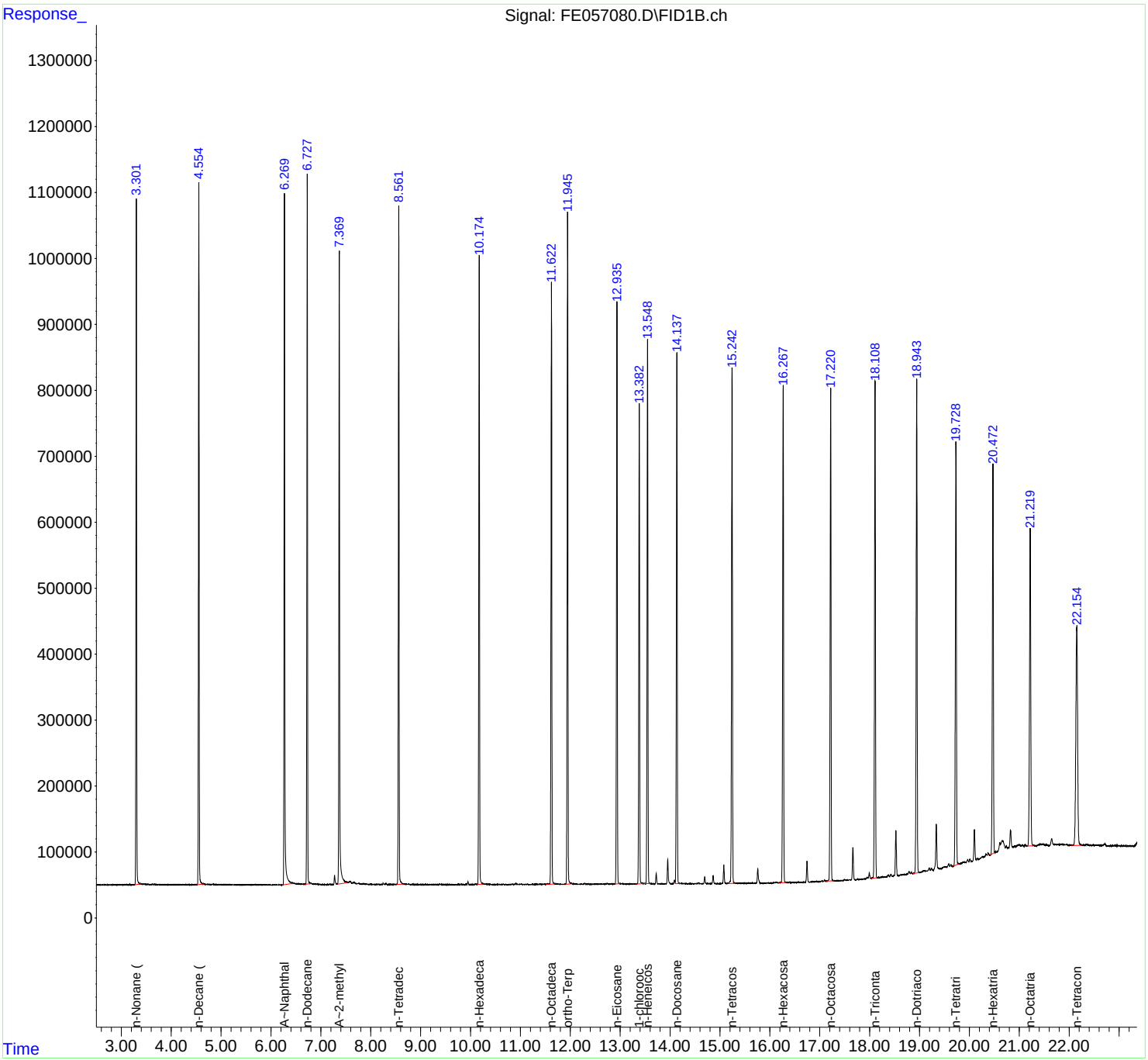
Quantitation Report (QT Reviewed)

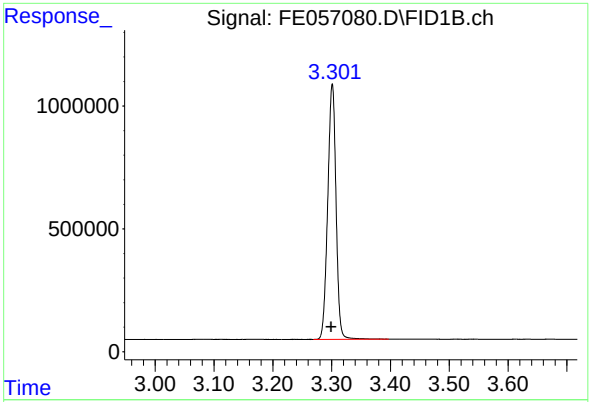
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057080.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 12:47
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: sample.E
Quant Time: Dec 01 07:58:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 07:57:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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

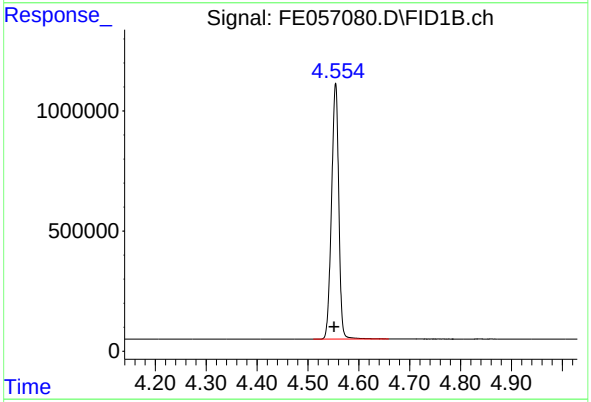




#1 n-Nonane (C9)

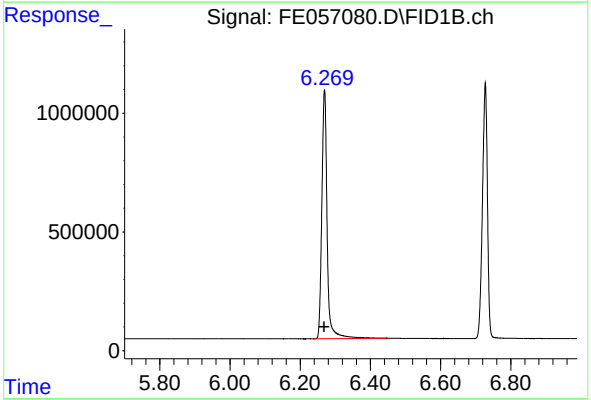
R.T.: 3.301 min
Delta R.T.: 0.002 min
Response: 10181724
Conc: 52.04 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



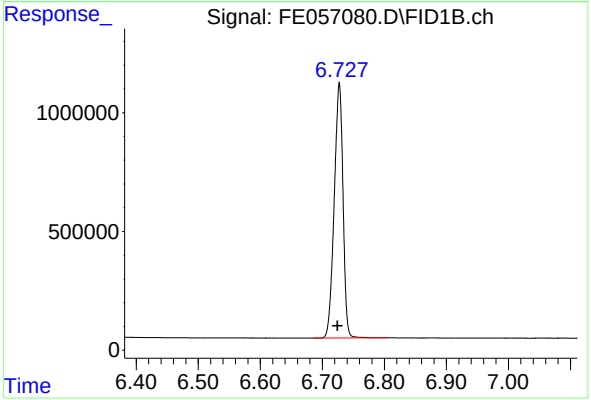
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: 0.003 min
Response: 10507352
Conc: 51.67 ug/ml



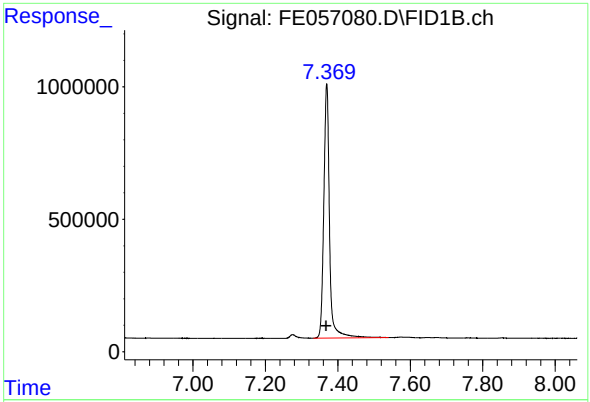
#3 A~Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.001 min
Response: 11023314
Conc: 53.71 ug/ml



#4 n-Dodecane (C12)

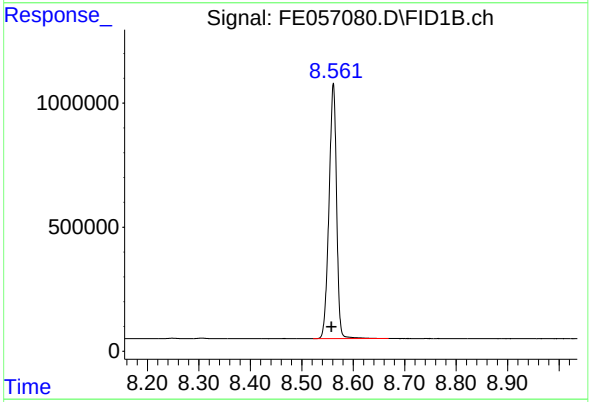
R.T.: 6.727 min
Delta R.T.: 0.003 min
Response: 10588539
Conc: 51.67 ug/ml



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

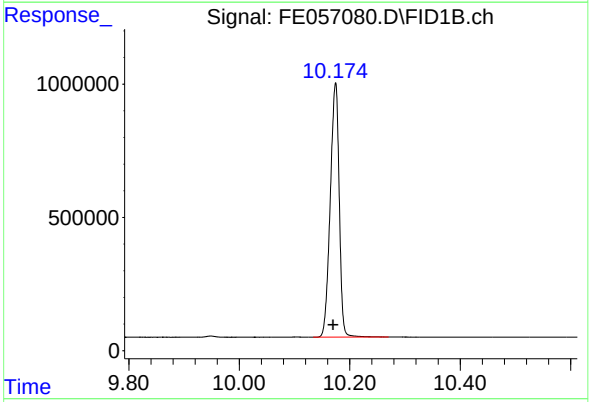
R.T.: 7.369 min
Delta R.T.: 0.002 min
Response: 10490219
Conc: 54.24 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



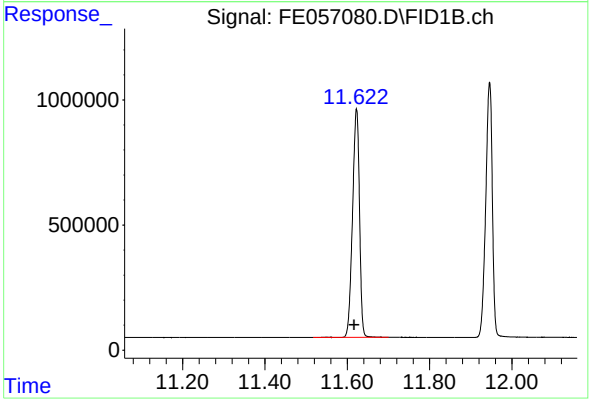
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: 0.003 min
Response: 10501579
Conc: 51.95 ug/ml



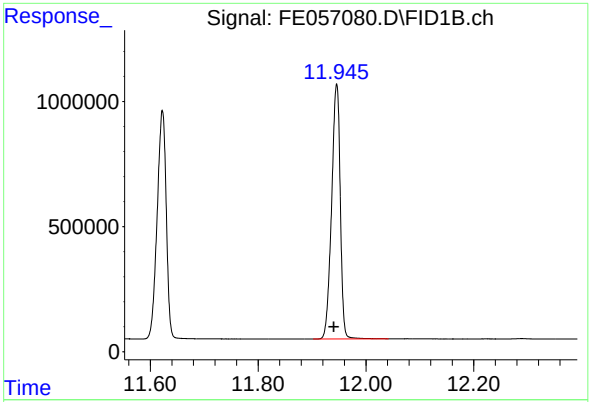
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: 0.004 min
Response: 10724857
Conc: 52.06 ug/ml



#8 n-Octadecane (C18)

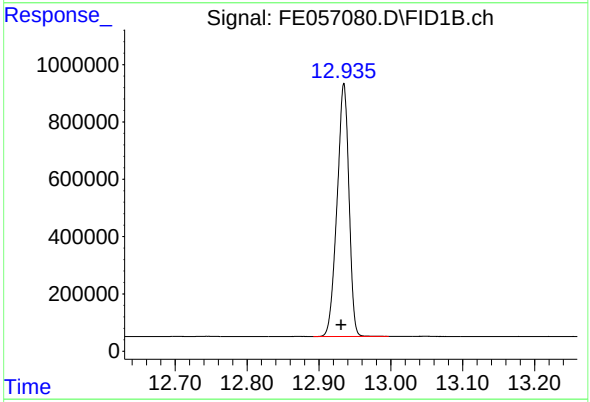
R.T.: 11.622 min
Delta R.T.: 0.005 min
Response: 10702524
Conc: 51.83 ug/ml



#9 ortho-Terphenyl (SURR)

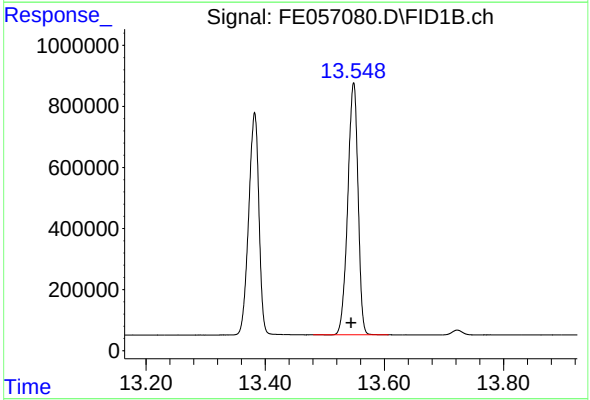
R.T.: 11.945 min
Delta R.T.: 0.006 min
Response: 11338527
Conc: 51.70 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



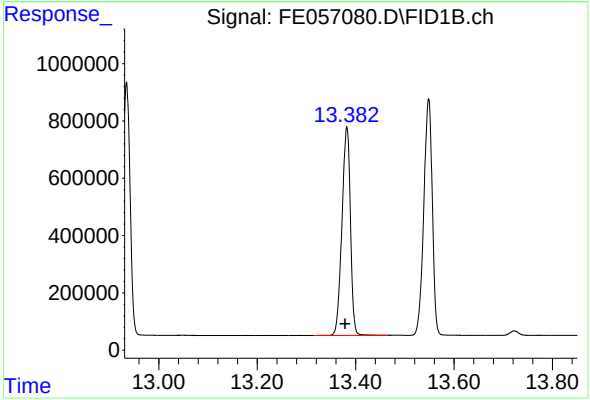
#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: 0.004 min
Response: 10128886
Conc: 51.69 ug/ml



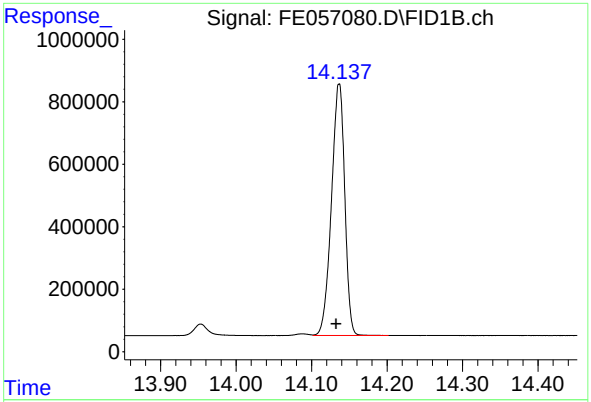
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: 0.004 min
Response: 9877404
Conc: 51.56 ug/ml



#12 1-chlorooctadecane (SURR)

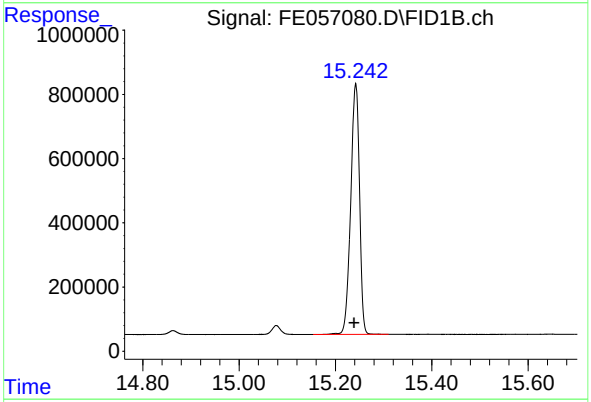
R.T.: 13.382 min
Delta R.T.: 0.004 min
Response: 8686353
Conc: 51.97 ug/ml



#13 n-Docosane (C22)

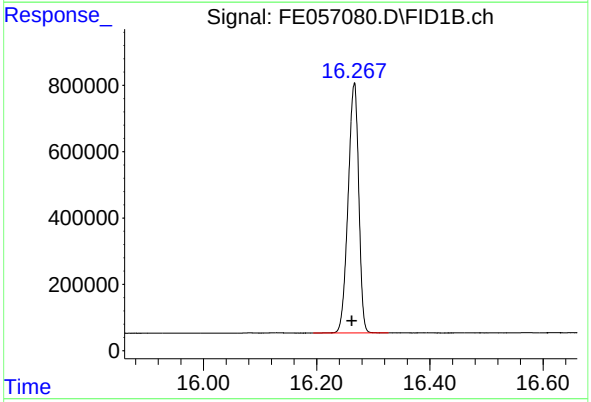
R.T.: 14.136 min
Delta R.T.: 0.004 min
Response: 9855250
Conc: 52.12 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



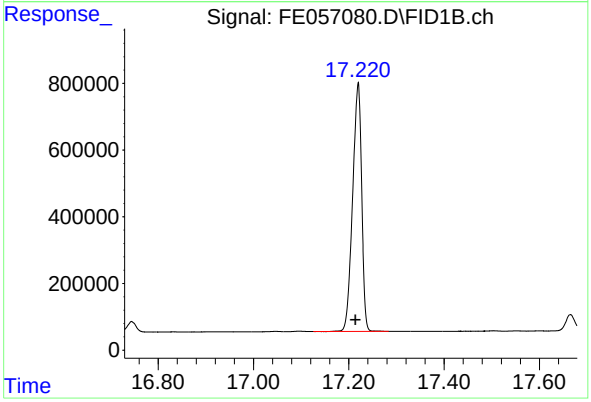
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: 0.004 min
Response: 9936631
Conc: 52.96 ug/ml



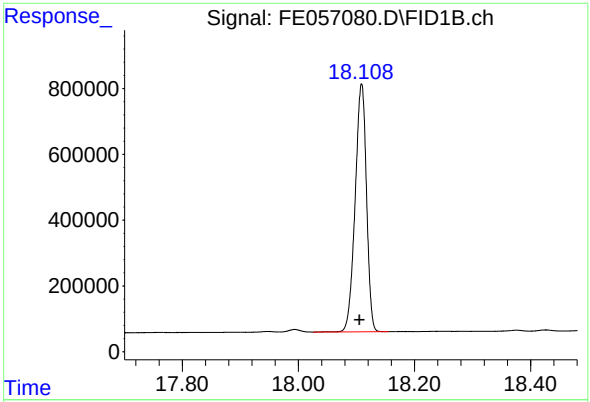
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: 0.004 min
Response: 9814397
Conc: 52.75 ug/ml



#16 n-Octacosane (C28)

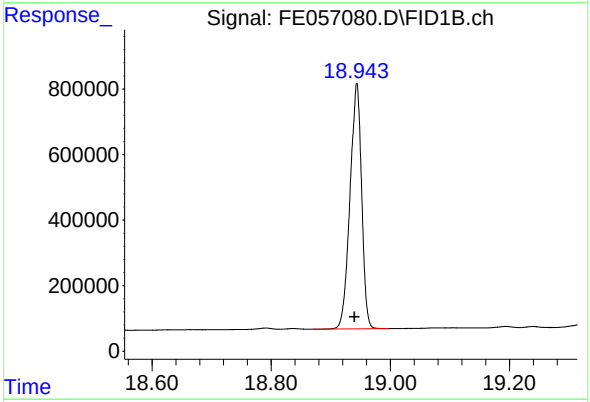
R.T.: 17.219 min
Delta R.T.: 0.005 min
Response: 9813282
Conc: 51.51 ug/ml



#17 n-Tricontane (C30)

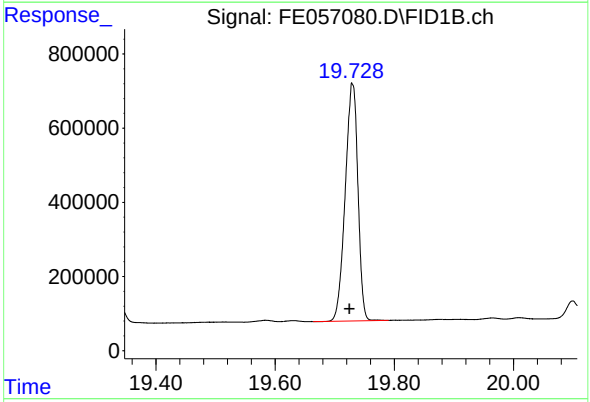
R.T.: 18.109 min
Delta R.T.: 0.004 min
Response: 10211769
Conc: 49.00 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



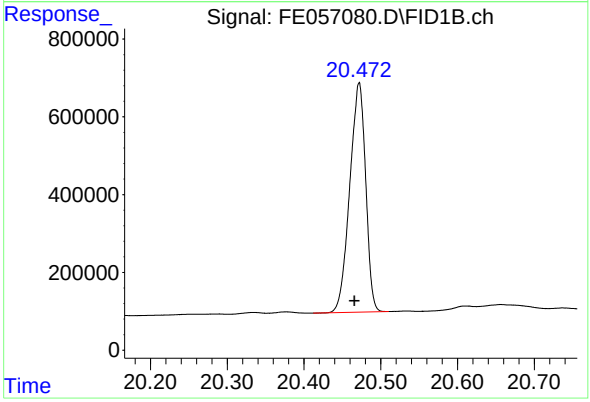
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: 0.004 min
Response: 10157241
Conc: 47.00 ug/ml



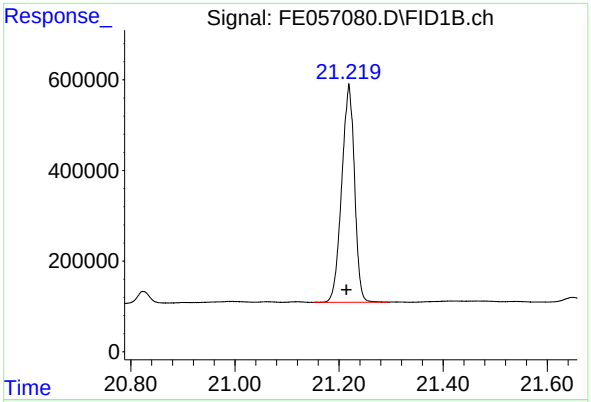
#19 n-Tetratriacontane (C34)

R.T.: 19.730 min
Delta R.T.: 0.005 min
Response: 9478160
Conc: 46.73 ug/ml



#20 n-Hexatriacontane (C36)

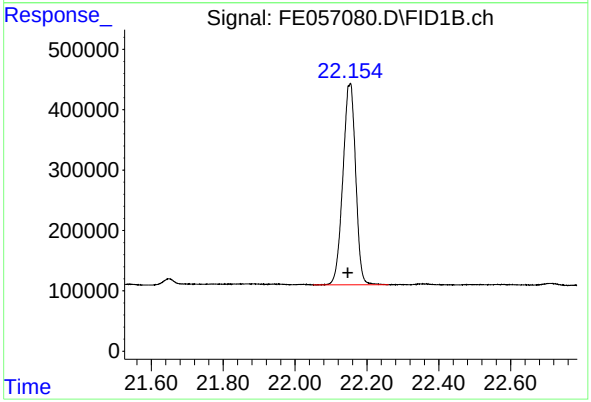
R.T.: 20.472 min
Delta R.T.: 0.006 min
Response: 8500505
Conc: 47.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.219 min
Delta R.T.: 0.005 min
Response: 8187666
Conc: 48.56 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.152 min
Delta R.T.: 0.006 min
Response: 8205394
Conc: 49.90 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057080.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 12:47
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.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	3.301	3.269	3.397	BB	1039998	10181724	89.80%	4.651%
2	4.554	4.510	4.659	BB	1062040	10507352	92.67%	4.800%
3	6.269	6.237	6.452	BB	1050349	11023314	97.22%	5.036%
4	6.727	6.685	6.807	BB	1075637	10588539	93.39%	4.837%
5	7.369	7.332	7.540	BB	961150	10490219	92.52%	4.792%
6	8.561	8.522	8.669	BB	1032836	10501579	92.62%	4.797%
7	10.174	10.134	10.270	BB	951485	10724857	94.59%	4.899%
8	11.622	11.517	11.700	BB	914280	10702524	94.39%	4.889%
9	11.946	11.902	12.042	BB	1019487	11338527	100.00%	5.180%
10	12.935	12.892	12.997	BB	885928	10128886	89.33%	4.627%
11	13.382	13.314	13.467	BB	729519	8686353	76.61%	3.968%
12	13.548	13.480	13.607	BB	827656	9877404	87.11%	4.512%
13	14.136	14.102	14.202	VB	807588	9855250	86.92%	4.502%
14	15.242	15.154	15.310	BB	780819	9936631	87.64%	4.539%
15	16.266	16.194	16.327	BB	757237	9814397	86.56%	4.483%
16	17.219	17.125	17.284	BB	741457	9813282	86.55%	4.483%
17	18.109	18.025	18.155	PB	755216	10211769	90.06%	4.665%
18	18.944	18.870	18.997	BB	751186	10157241	89.58%	4.640%
19	19.730	19.664	19.790	BB	637434	9478160	83.59%	4.330%
20	20.472	20.412	20.510	BV	590942	8500505	74.97%	3.883%
21	21.219	21.150	21.295	BB	480348	8187666	72.21%	3.740%
22	22.152	22.050	22.260	BB	331986	8205394	72.37%	3.748%
			Sum of corrected areas:			218911571		

Aliphatic EPH 112725.M Mon Dec 01 08:15:58 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057081.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 13:17
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: sample.E
Quant Time: Dec 01 07:58:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 07:57:16 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)	11.940	4386274	20.000 ug/ml
Spiked Amount	50.000		Recovery =	40.00%
12) S	1-chlorooctadecane (S...	13.378	3342691	20.000 ug/ml
Spiked Amount	50.000		Recovery =	40.00%
	Target Compounds			
1) T	n-Nonane (C9)	3.299	3913269	20.000 ug/ml
2) T	n-Decane (C10)	4.551	4066962	20.000 ug/ml
3) T	A~Naphthalene (C11.7)	6.268	4104533	20.000 ug/ml
4) T	n-Dodecane (C12)	6.724	4098464	20.000 ug/ml
5) T	A~2-methylnaphthalene...	7.368	3867913	20.000 ug/ml
6) T	n-Tetradecane (C14)	8.558	4043026	20.000 ug/ml
7) T	n-Hexadecane (C16)	10.170	4120421	20.000 ug/ml
8) T	n-Octadecane (C18)	11.617	4129503	20.000 ug/ml
10) T	n-Eicosane (C20)	12.931	3918861	20.000 ug/ml
11) T	n-Heneicosane (C21)	13.544	3831131	20.000 ug/ml
13) T	n-Docosane (C22)	14.132	3781526	20.000 ug/ml
14) T	n-Tetracosane (C24)	15.238	3752748	20.000 ug/ml
15) T	n-Hexacosane (C26)	16.262	3721100	20.000 ug/ml
16) T	n-Octacosane (C28)	17.214	3810559	20.000 ug/ml
17) T	n-Tricontane (C30)	18.105	4167826	20.000 ug/ml
18) T	n-Dotriacontane (C32)	18.940	4322475	20.000 ug/ml
19) T	n-Tetratriacontane (C34)	19.725	4056506	20.000 ug/ml
20) T	n-Hexatriacontane (C36)	20.466	3587436	20.000 ug/ml
21) T	n-Octatriacontane (C38)	21.214	3372052	20.000 ug/ml
22) T	n-Tetracontane (C40)	22.146	3288519	20.000 ug/ml

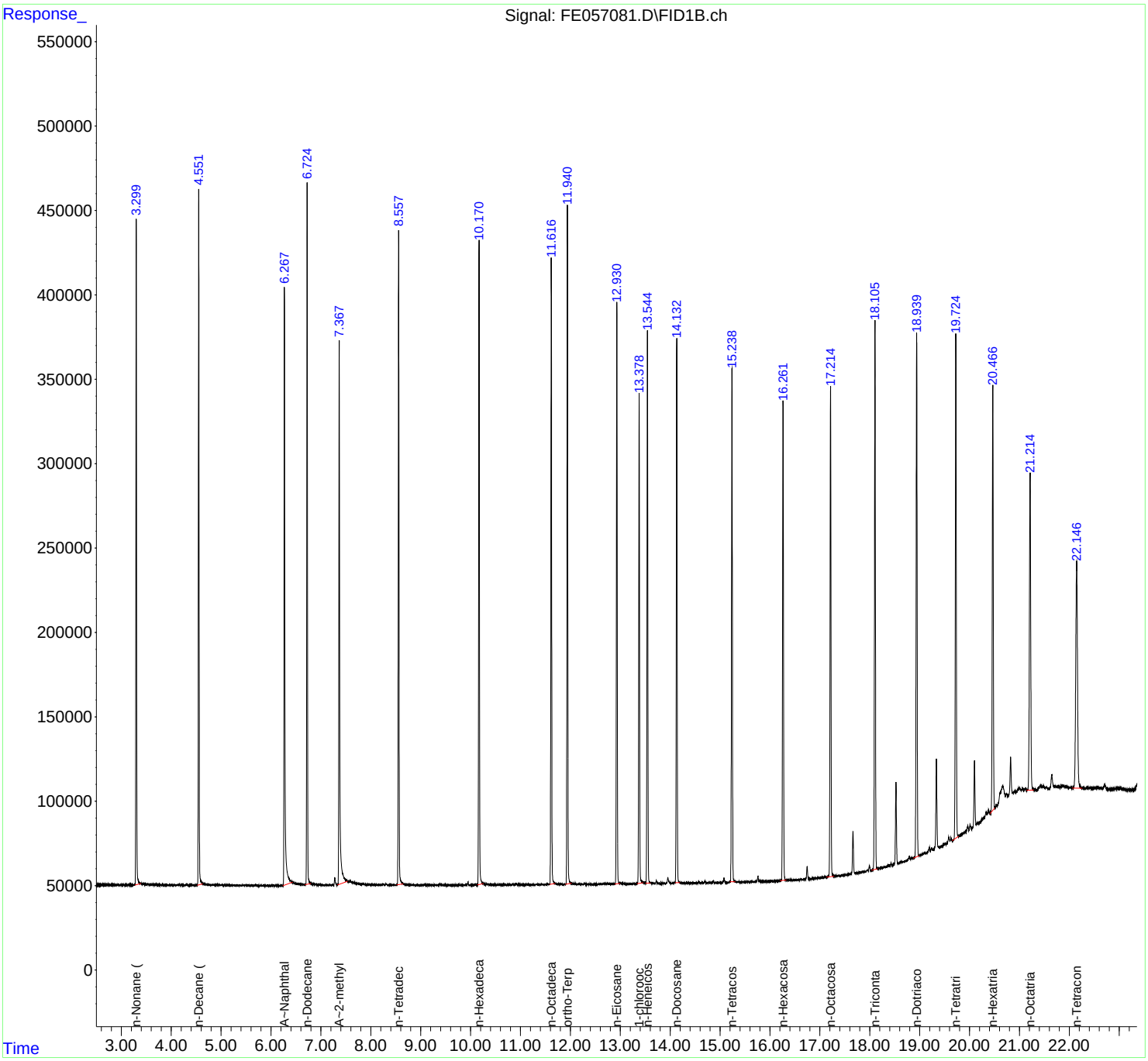
(f)=RT Delta > 1/2 Window (m)=manual int.

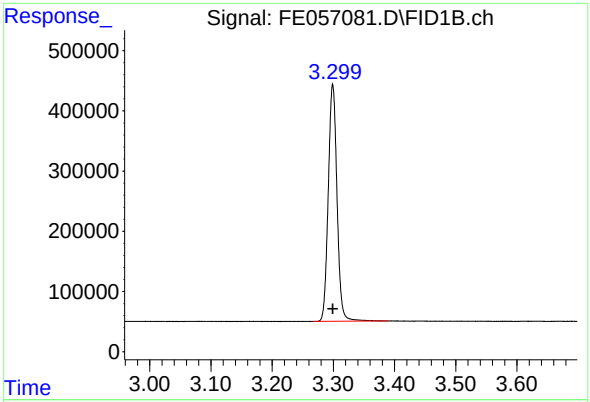
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057081.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 13:17
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: sample.E
Quant Time: Dec 01 07:58:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 07:57:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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

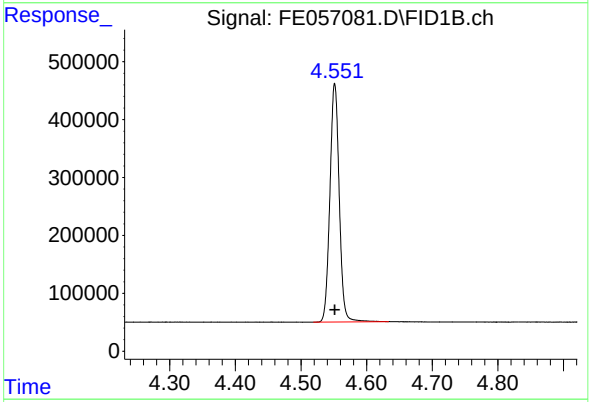




#1 n-Nonane (C9)

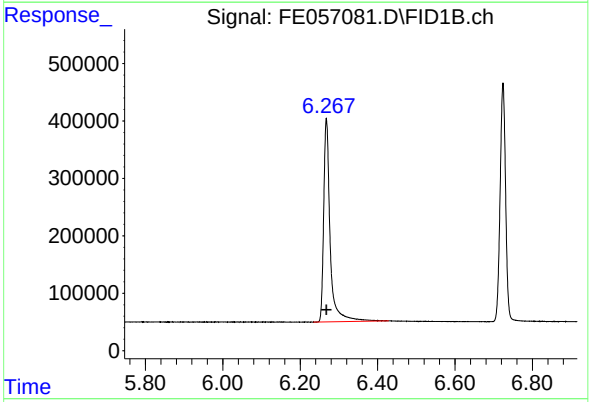
R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 3913269
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



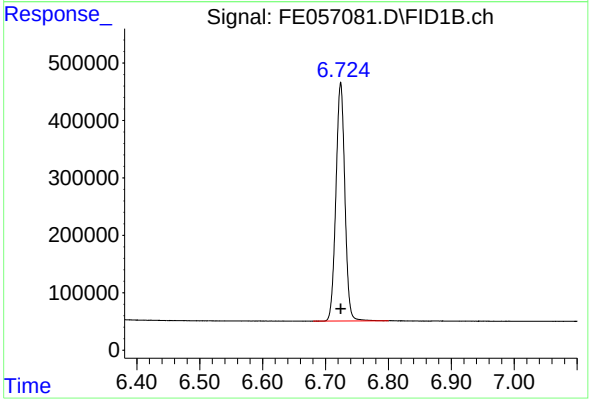
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 4066962
Conc: 20.00 ug/ml



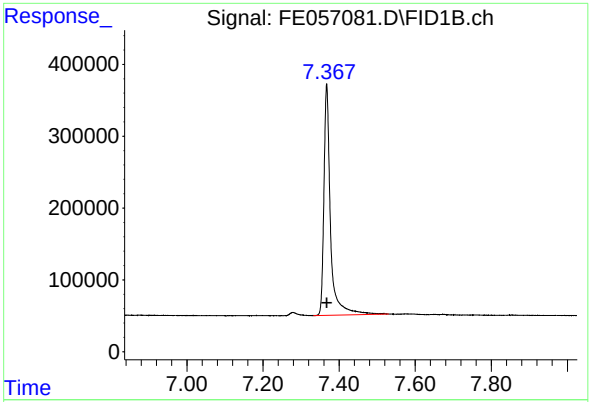
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 4104533
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

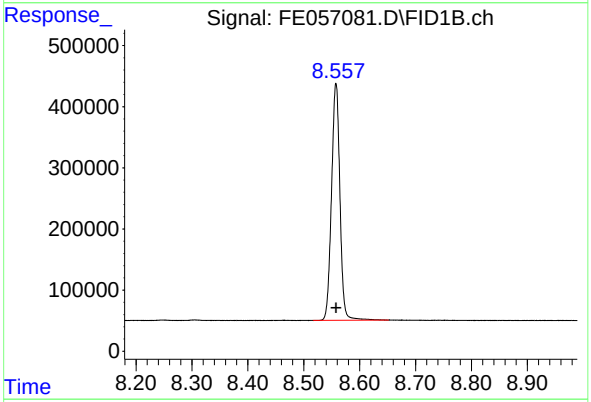
R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 4098464
Conc: 20.00 ug/ml



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

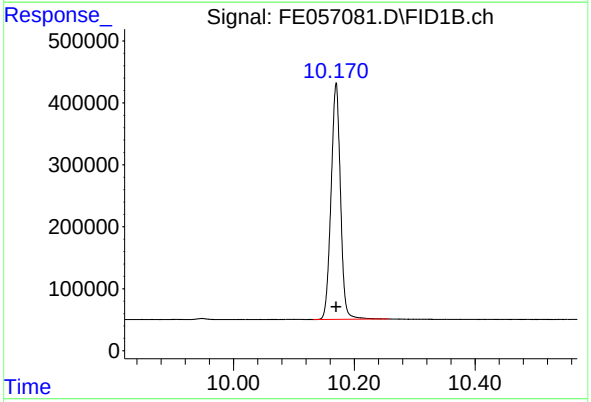
R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 3867913
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



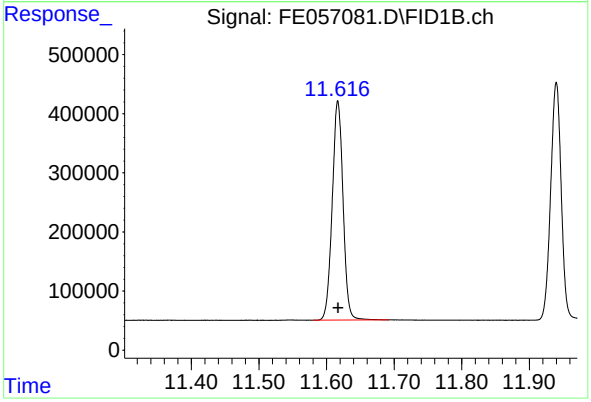
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 4043026
Conc: 20.00 ug/ml



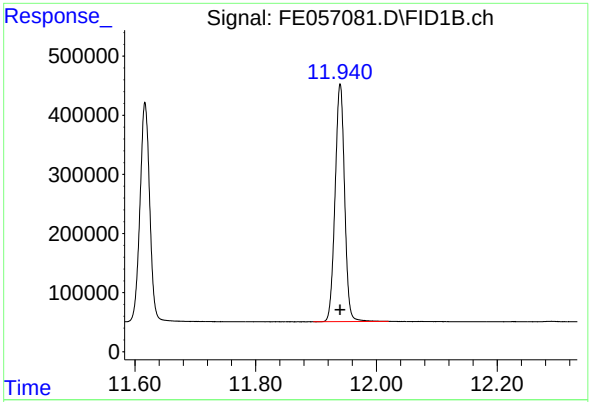
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: 0.000 min
Response: 4120421
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

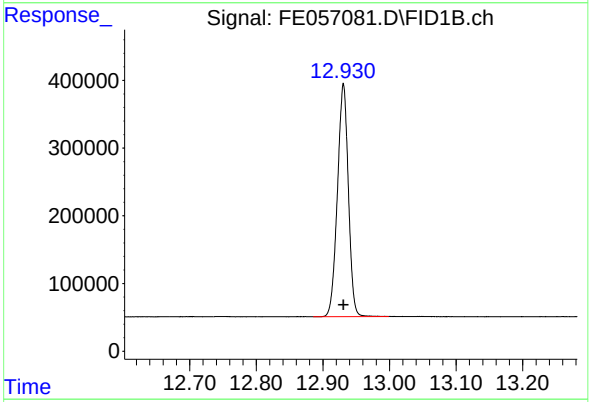
R.T.: 11.617 min
Delta R.T.: 0.000 min
Response: 4129503
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

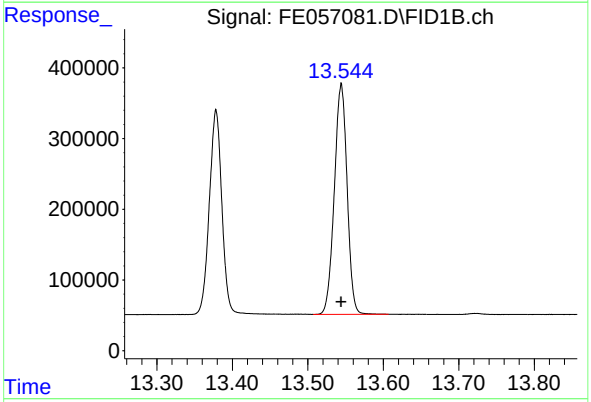
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 4386274
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



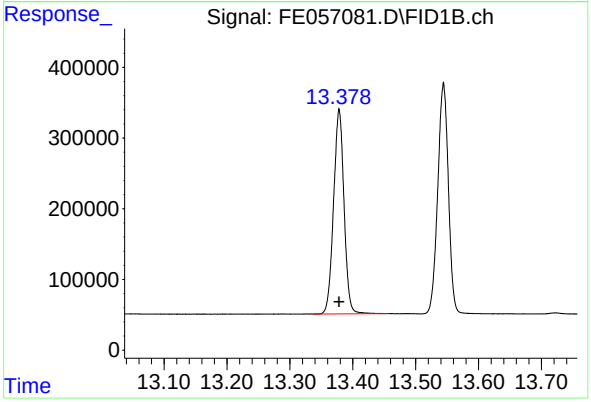
#10 n-Eicosane (C20)

R.T.: 12.931 min
Delta R.T.: 0.000 min
Response: 3918861
Conc: 20.00 ug/ml



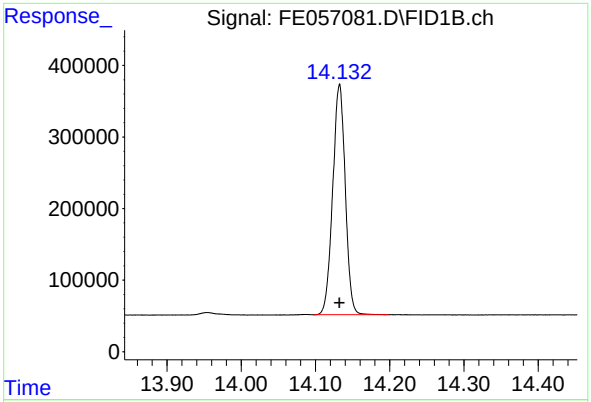
#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: 0.000 min
Response: 3831131
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

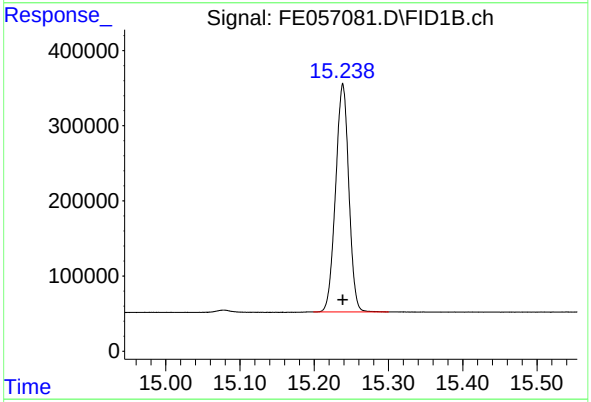
R.T.: 13.378 min
Delta R.T.: 0.000 min
Response: 3342691
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

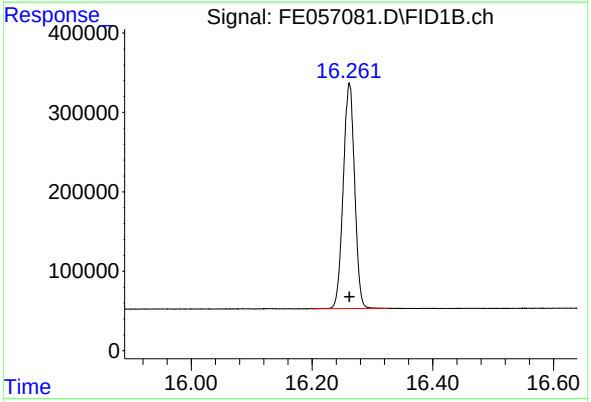
R.T.: 14.132 min
Delta R.T.: 0.000 min
Response: 3781526
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



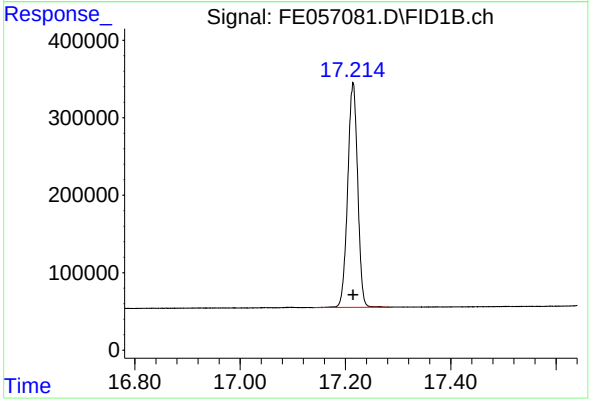
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 3752748
Conc: 20.00 ug/ml



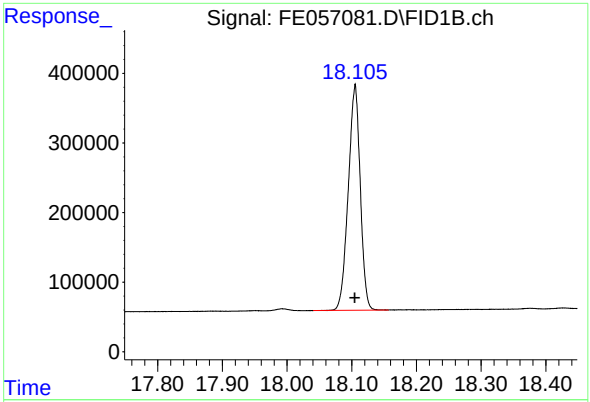
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: 0.000 min
Response: 3721100
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

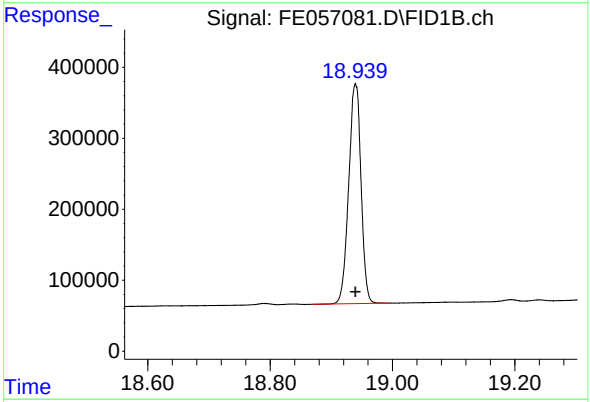
R.T.: 17.214 min
Delta R.T.: 0.000 min
Response: 3810559
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

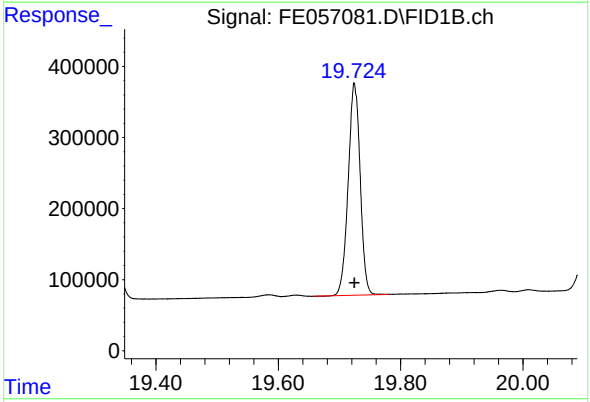
R.T.: 18.105 min
Delta R.T.: 0.000 min
Response: 4167826
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



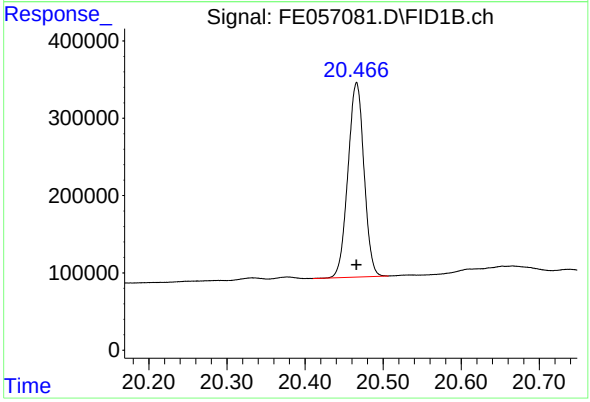
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: 0.000 min
Response: 4322475
Conc: 20.00 ug/ml



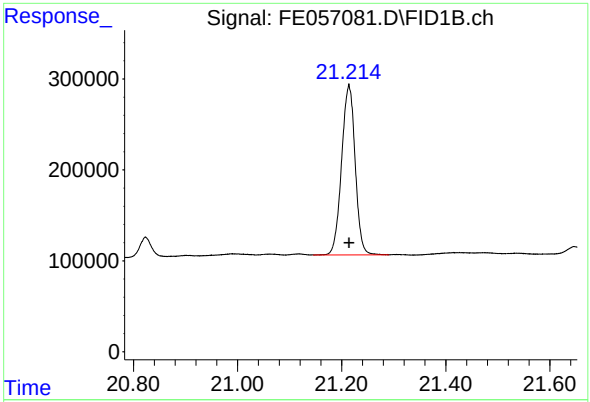
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: 0.000 min
Response: 4056506
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

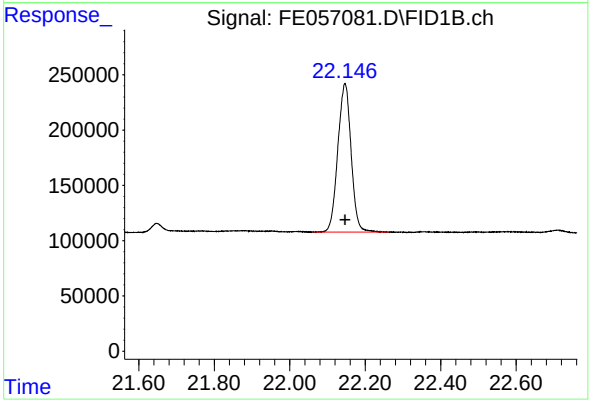
R.T.: 20.466 min
Delta R.T.: 0.000 min
Response: 3587436
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: 0.000 min
Response: 3372052
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.146 min
Delta R.T.: 0.000 min
Response: 3288519
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057081.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 13:17
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.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	3.299	3.267	3.390	BB	393798	3913269	89.22%	4.567%
2	4.551	4.519	4.634	BB	411199	4066962	92.72%	4.746%
3	6.268	6.234	6.429	BB	350090	4104533	93.58%	4.790%
4	6.724	6.680	6.800	BB	413602	4098464	93.44%	4.783%
5	7.368	7.332	7.530	BB	321341	3867913	88.18%	4.514%
6	8.558	8.517	8.652	BB	388139	4043026	92.17%	4.719%
7	10.170	10.132	10.257	BB	382710	4120421	93.94%	4.809%
8	11.617	11.580	11.692	BB	370353	4129503	94.15%	4.819%
9	11.940	11.895	12.020	BB	402381	4386274	100.00%	5.119%
10	12.931	12.885	12.999	BB	344818	3918861	89.34%	4.574%
11	13.378	13.337	13.457	BB	289593	3342691	76.21%	3.901%
12	13.544	13.507	13.607	BB	324466	3831131	87.34%	4.471%
13	14.132	14.097	14.199	BB	321242	3781526	86.21%	4.413%
14	15.238	15.199	15.300	BB	304068	3752748	85.56%	4.380%
15	16.262	16.202	16.327	BB	284225	3721100	84.84%	4.343%
16	17.214	17.139	17.282	BB	288619	3810559	86.87%	4.447%
17	18.105	18.040	18.157	BB	324782	4167826	95.02%	4.864%
18	18.940	18.870	18.994	BB	309193	4322475	98.55%	5.045%
19	19.725	19.657	19.780	BB	295652	4056506	92.48%	4.734%
20	20.466	20.410	20.507	BV	251364	3587436	81.79%	4.187%
21	21.214	21.145	21.290	BB	187230	3372052	76.88%	3.935%
22	22.146	22.062	22.262	BB	134568	3288519	74.97%	3.838%
			Sum of corrected areas:			85683792		

Aliphatic EPH 112725.M Mon Dec 01 08:16:26 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057082.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 13:47
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :mohammad ahmed 12/02/2025

Integration File: sample.E
Quant Time: Dec 01 07:58:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 07:57:16 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)	11.939	2243241	10.228 ug/ml
Spiked Amount	50.000		Recovery =	20.46%
12) S	1-chlorooctadecane (S...	13.377	1697156	10.154 ug/ml
Spiked Amount	50.000		Recovery =	20.31%
	Target Compounds			
1) T	n-Nonane (C9)	3.299	1983051	10.135 ug/ml
2) T	n-Decane (C10)	4.551	2050159	10.082 ug/ml
3) T	A~Naphthalene (C11.7)	6.269	1971799	9.608 ug/ml
4) T	n-Dodecane (C12)	6.723	2073086	10.116 ug/ml
5) T	A~2-methylnaphthalene...	7.369	1806626	9.342 ug/ml
6) T	n-Tetradecane (C14)	8.557	2044223	10.112 ug/ml
7) T	n-Hexadecane (C16)	10.169	2080809	10.100 ug/ml
8) T	n-Octadecane (C18)	11.616	2104056	10.190 ug/ml
10) T	n-Eicosane (C20)	12.929	2014364	10.280 ug/ml
11) T	n-Heneicosane (C21)	13.543	1971948	10.294 ug/ml
13) T	n-Docosane (C22)	14.130	1990249	10.526 ug/ml
14) T	n-Tetracosane (C24)	15.236	2054842	10.951 ug/mlm
15) T	n-Hexacosane (C26)	16.260	2072343	11.138 ug/ml
16) T	n-Octacosane (C28)	17.213	2165384	11.365 ug/ml
17) T	n-Tricontane (C30)	18.103	2404758	11.540 ug/ml
18) T	n-Dotriacontane (C32)	18.939	2539245	11.749 ug/ml
19) T	n-Tetratriacontane (C34)	19.724	2308751	11.383 ug/ml
20) T	n-Hexatriacontane (C36)	20.466	1985844	11.071 ug/ml
21) T	n-Octatriacontane (C38)	21.213	1848111	10.961 ug/ml
22) T	n-Tetracontane (C40)	22.145	1819792	11.068 ug/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057082.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 13:47
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 54 Sample Multiplier: 1

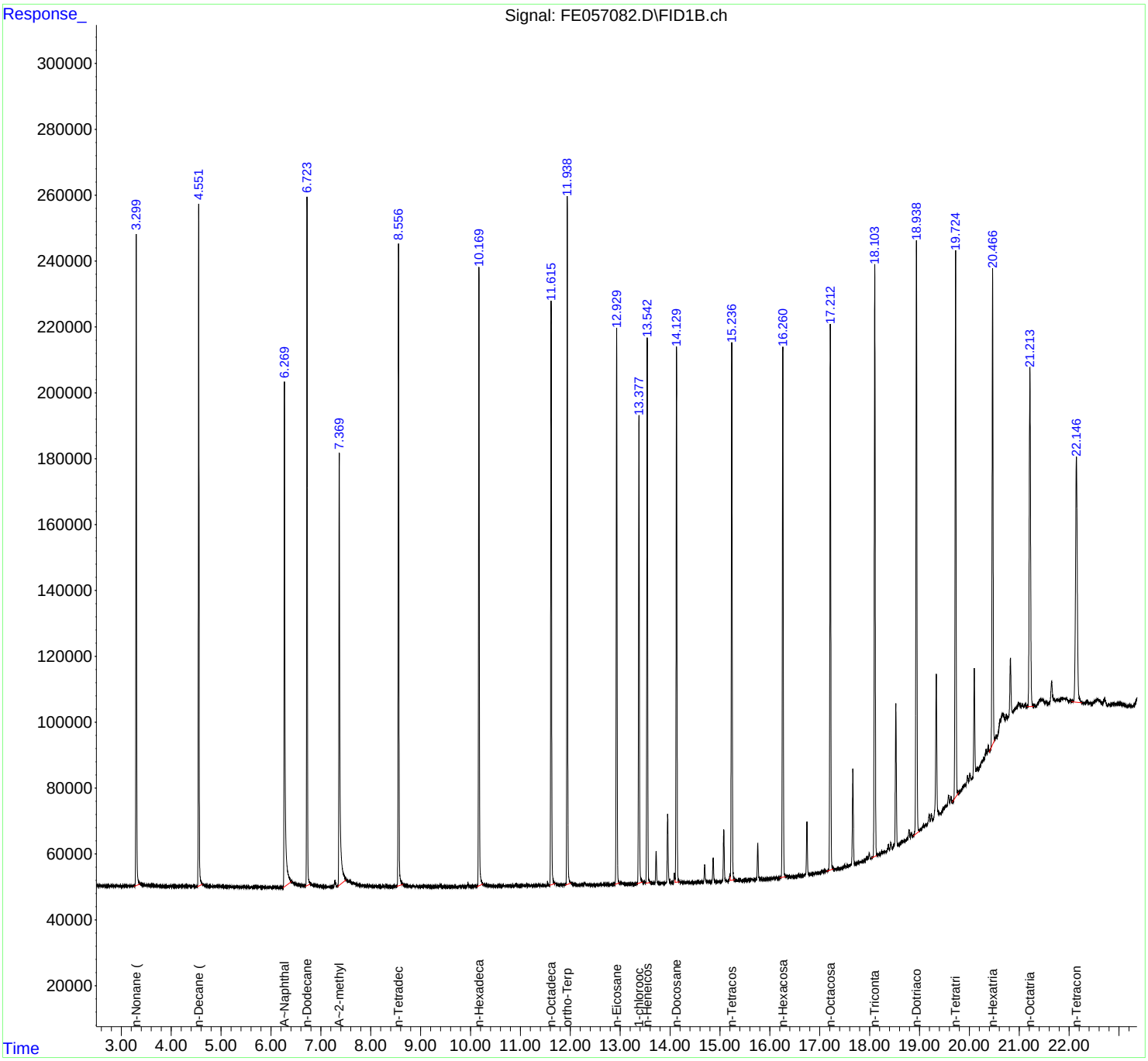
Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

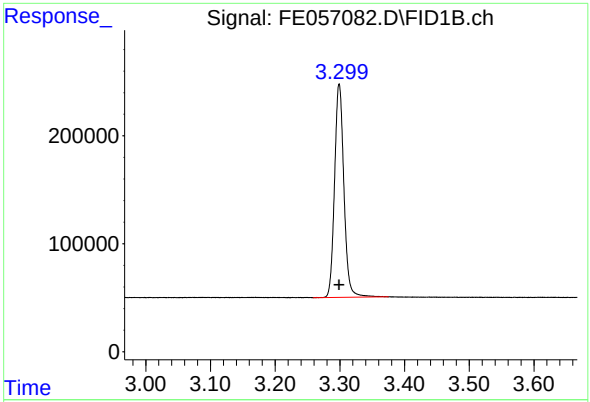
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :mohammad ahmed 12/02/2025

Integration File: sample.E
Quant Time: Dec 01 07:58:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 07:57:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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





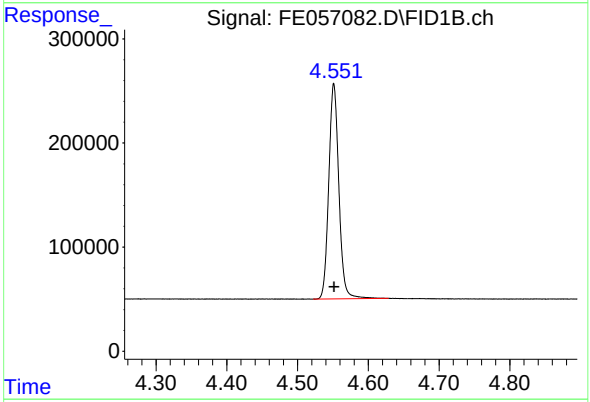
#1 n-Nonane (C9)

R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 1983051
Conc: 10.14 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

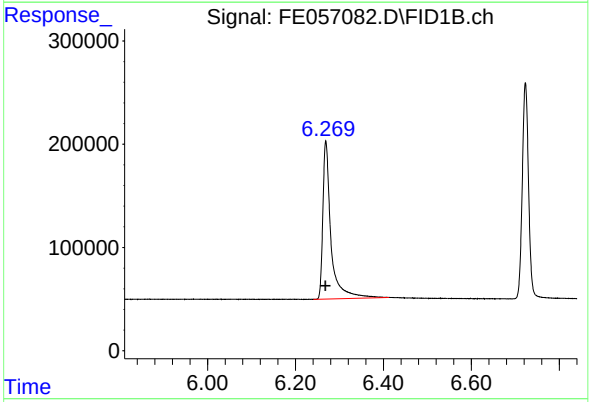
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :mohammad ahmed 12/02/2025



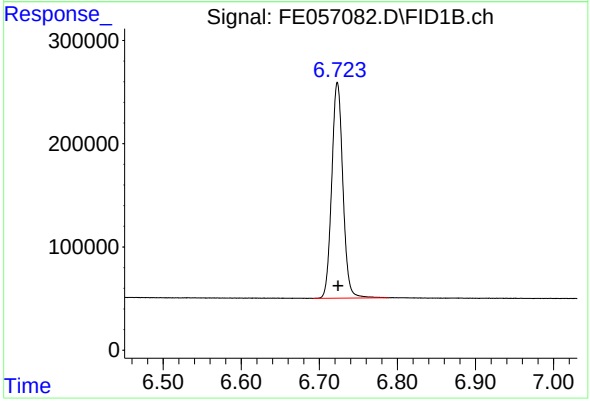
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 2050159
Conc: 10.08 ug/ml



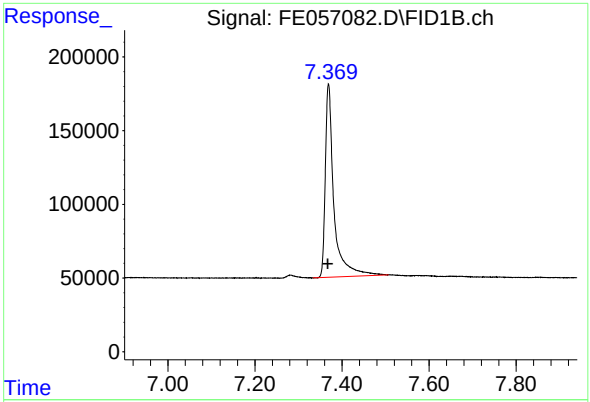
#3 A~Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.002 min
Response: 1971799
Conc: 9.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 2073086
Conc: 10.12 ug/ml



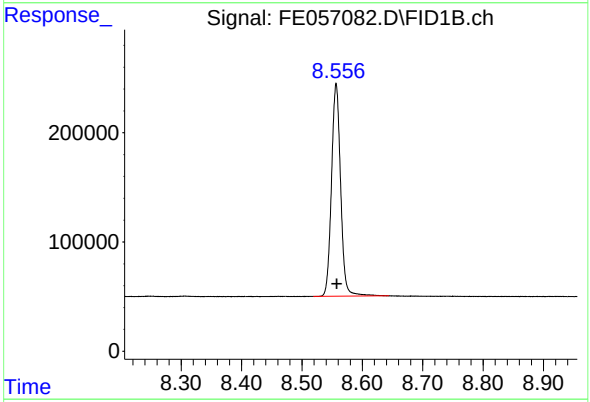
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.369 min
Delta R.T.: 0.002 min
Response: 1806626
Conc: 9.34 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

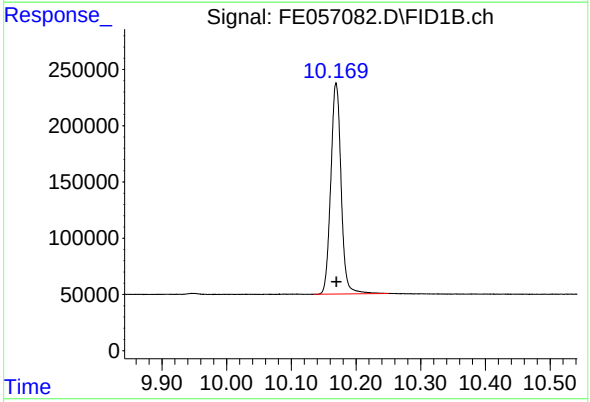
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :mohammad ahmed 12/02/2025



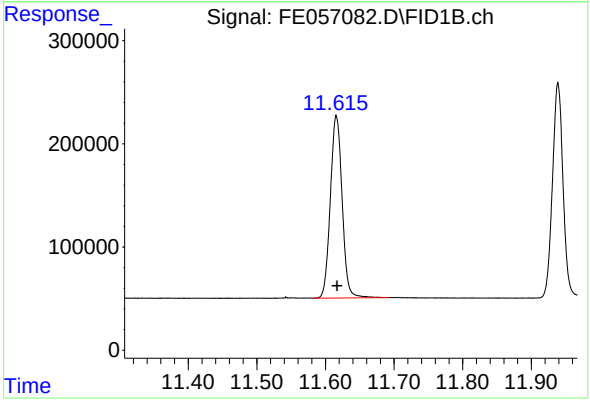
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: -0.001 min
Response: 2044223
Conc: 10.11 ug/ml



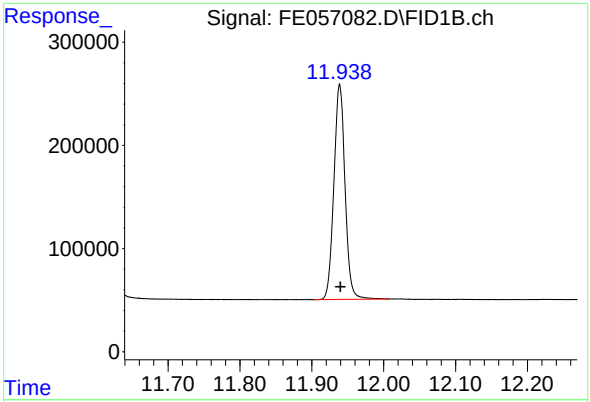
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 2080809
Conc: 10.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.616 min
Delta R.T.: 0.000 min
Response: 2104056
Conc: 10.19 ug/ml



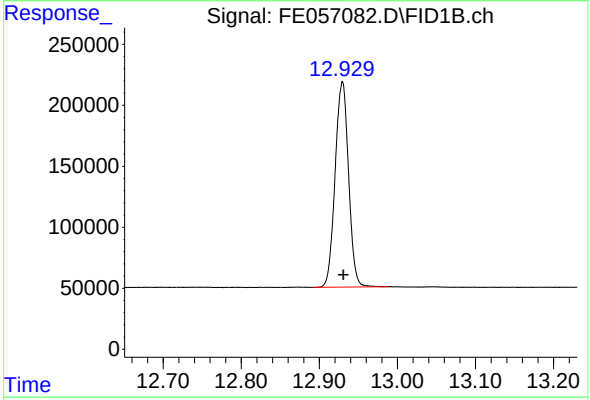
#9 ortho-Terphenyl (SURR)

R.T.: 11.939 min
Delta R.T.: 0.000 min
Response: 2243241
Conc: 10.23 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

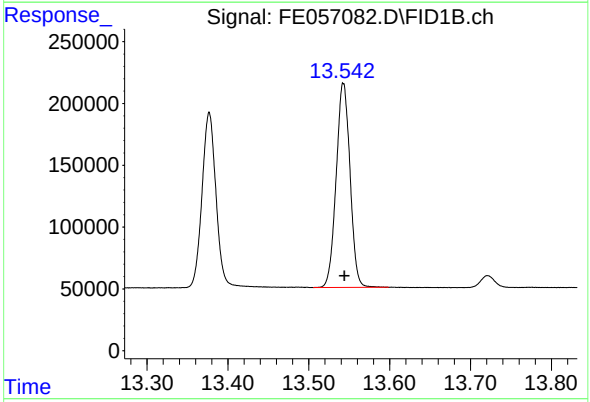
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :mohammad ahmed 12/02/2025



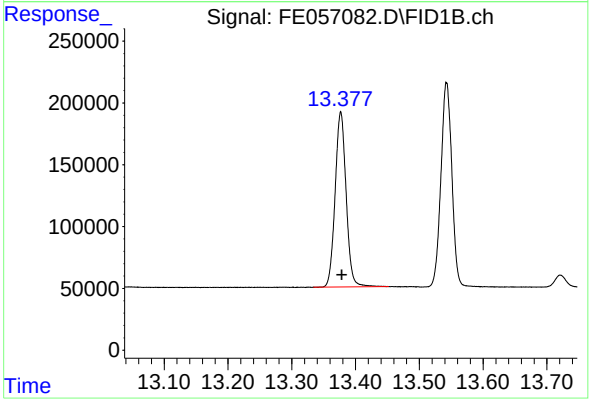
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: -0.001 min
Response: 2014364
Conc: 10.28 ug/ml



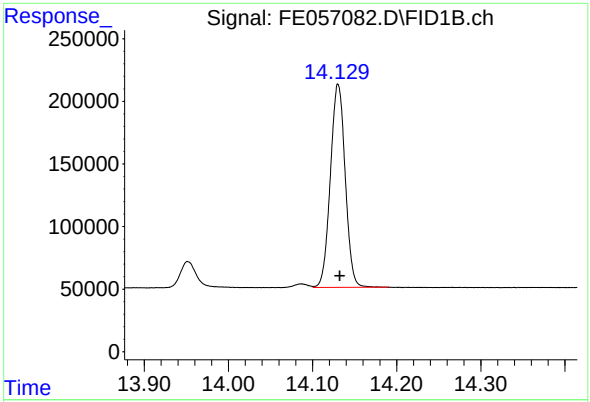
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: -0.001 min
Response: 1971948
Conc: 10.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.377 min
Delta R.T.: -0.002 min
Response: 1697156
Conc: 10.15 ug/ml



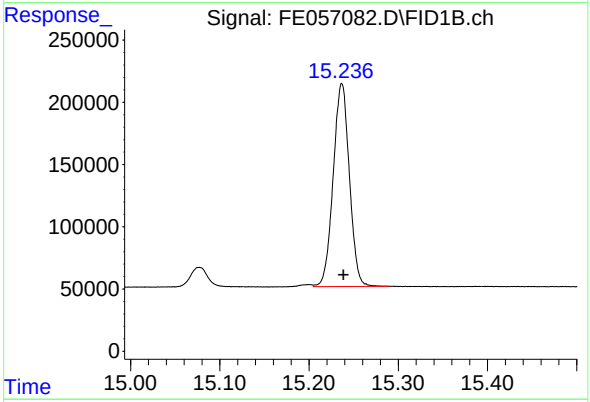
#13 n-Docosane (C22)

R.T.: 14.130 min
Delta R.T.: -0.002 min
Response: 1990249
Conc: 10.53 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

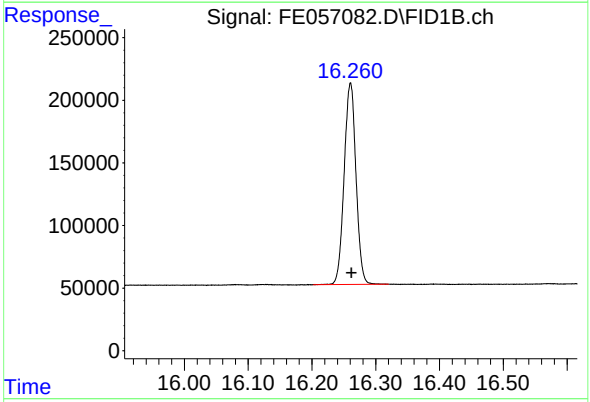
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :mohammad ahmed 12/02/2025



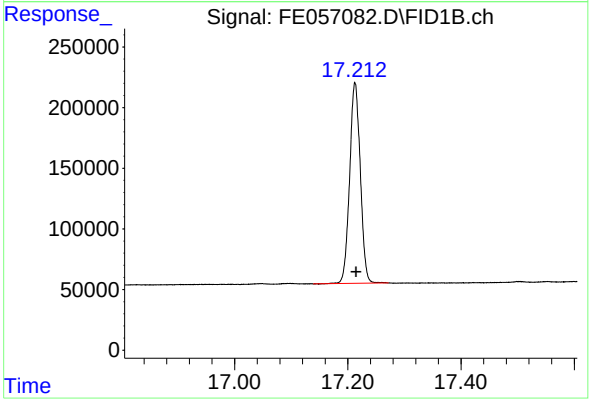
#14 n-Tetracosane (C24)

R.T.: 15.236 min
Delta R.T.: -0.002 min
Response: 2054842
Conc: 10.95 ug/ml m



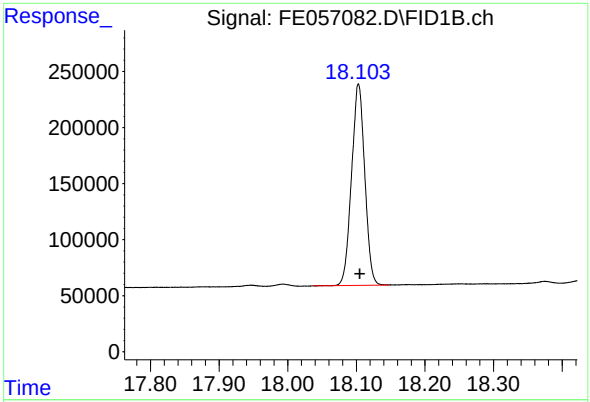
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: -0.001 min
Response: 2072343
Conc: 11.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.213 min
Delta R.T.: -0.002 min
Response: 2165384
Conc: 11.37 ug/ml



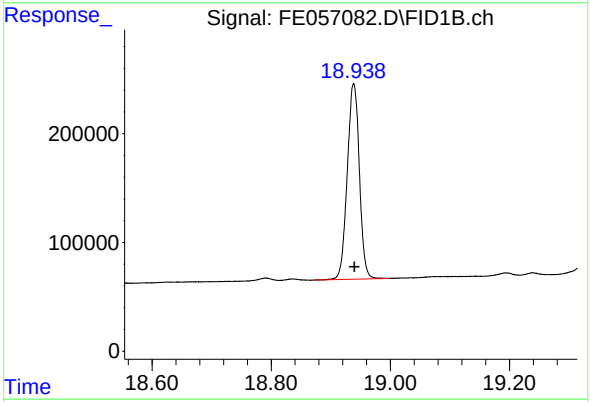
#17 n-Tricontane (C30)

R.T.: 18.103 min
Delta R.T.: -0.002 min
Response: 2404758
Conc: 11.54 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

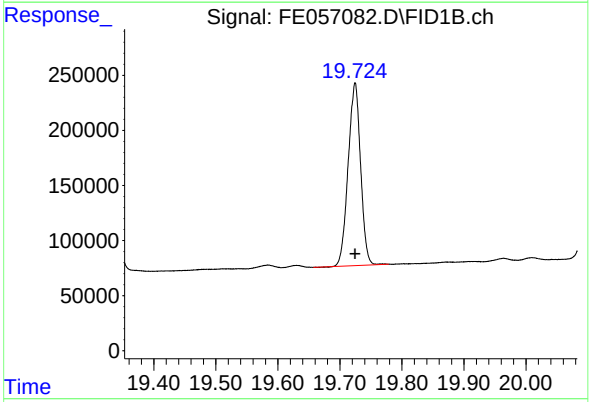
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :mohammad ahmed 12/02/2025



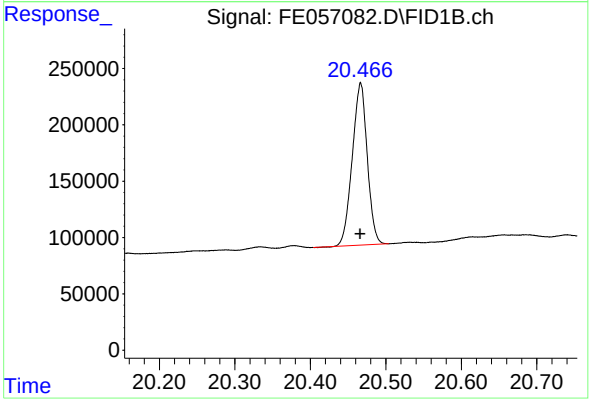
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: 0.000 min
Response: 2539245
Conc: 11.75 ug/ml



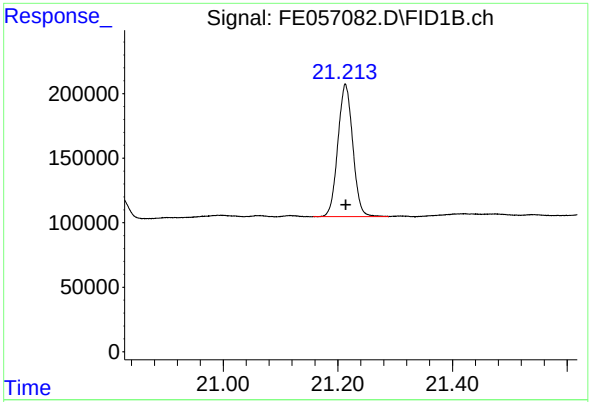
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: 0.000 min
Response: 2308751
Conc: 11.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.466 min
Delta R.T.: 0.000 min
Response: 1985844
Conc: 11.07 ug/ml



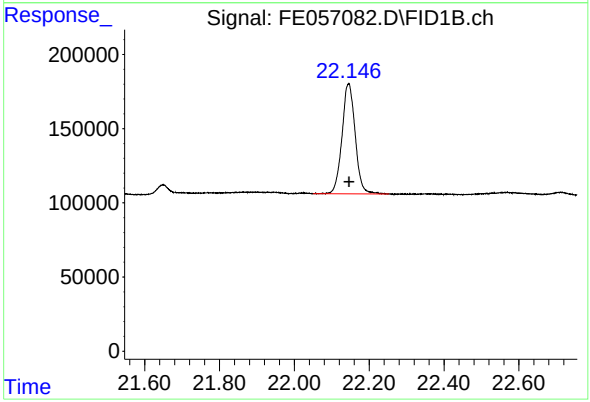
#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: 0.000 min
Response: 1848111
Conc: 10.96 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :mohammad ahmed 12/02/2025



#22 n-Tetracontane (C40)

R.T.: 22.145 min
Delta R.T.: -0.002 min
Response: 1819792
Conc: 11.07 ug/ml

Instrument :
FID_E
LabSampleId :
10 PPM ALIPHATIC HC STD4

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :mohammad ahmed 12/02/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE11272
Data File : FE057082.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 13:47
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.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	3.299	3.259	3.375	BB	197822	1983051	78.10%	4.382%
2	4.551	4.522	4.629	BB	206106	2050159	80.74%	4.530%
3	6.269	6.240	6.412	BB	151764	1971799	77.65%	4.357%
4	6.723	6.692	6.789	BB	208895	2073086	81.64%	4.581%
5	7.369	7.334	7.507	BB	131190	1806626	71.15%	3.992%
6	8.557	8.519	8.644	BB	194679	2044223	80.51%	4.517%
7	10.169	10.134	10.250	BB	187330	2080809	81.95%	4.598%
8	11.616	11.582	11.692	BB	176797	2104056	82.86%	4.649%
9	11.939	11.902	12.007	BB	208331	2243241	88.34%	4.957%
10	12.929	12.892	12.989	BB	167932	2014364	79.33%	4.451%
11	13.377	13.334	13.452	BB	141989	1697156	66.84%	3.750%
12	13.543	13.505	13.599	BB	165634	1971948	77.66%	4.357%
13	14.130	14.101	14.190	VB	162459	1990249	78.38%	4.398%
14	15.237	15.154	15.300	BB	163403	2079824	81.91%	4.596%
15	16.260	16.202	16.320	BB	161194	2072343	81.61%	4.579%
16	17.213	17.139	17.272	BB	165670	2165384	85.28%	4.785%
17	18.103	18.037	18.147	BB	179420	2404758	94.70%	5.314%
18	18.939	18.870	18.997	BB	179844	2539245	100.00%	5.611%
19	19.724	19.657	19.779	BB	166128	2308751	90.92%	5.102%
20	20.466	20.404	20.504	BV	144421	1985844	78.21%	4.388%
21	21.213	21.157	21.289	BB	102687	1848111	72.78%	4.084%
22	22.145	22.050	22.252	BB	74197	1819792	71.67%	4.021%
			Sum of corrected areas:			45254817		

Aliphatic EPH 112725.M Mon Dec 01 08:17:05 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057083.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 14:17
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :mohammad ahmed 12/02/2025

Integration File: sample.E
Quant Time: Dec 01 07:58:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 07:57:16 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)	11.939	1038398	4.735 ug/ml
Spiked Amount	50.000		Recovery =	9.47%
12) S	1-chlorooctadecane (S...	13.377	771091	4.614 ug/ml
Spiked Amount	50.000		Recovery =	9.23%
	Target Compounds			
1) T	n-Nonane (C9)	3.299	900657	4.603 ug/ml
2) T	n-Decane (C10)	4.551	928798	4.568 ug/ml
3) T	A~Naphthalene (C11.7)	6.273	814593	3.969 ug/ml
4) T	n-Dodecane (C12)	6.723	938886	4.582 ug/ml
5) T	A~2-methylnaphthalene...	7.371	829106	4.287 ug/mlm
6) T	n-Tetradecane (C14)	8.556	924679	4.574 ug/ml
7) T	n-Hexadecane (C16)	10.168	945230	4.588 ug/ml
8) T	n-Octadecane (C18)	11.616	967972	4.688 ug/ml
10) T	n-Eicosane (C20)	12.929	945937	4.828 ug/ml
11) T	n-Heneicosane (C21)	13.542	922840	4.818 ug/ml
13) T	n-Docosane (C22)	14.130	961709	5.086 ug/ml
14) T	n-Tetracosane (C24)	15.235	1065602	5.679 ug/mlm
15) T	n-Hexacosane (C26)	16.260	1098380	5.904 ug/ml
16) T	n-Octacosane (C28)	17.213	1217921	6.392 ug/ml
17) T	n-Tricontane (C30)	18.102	1420246	6.815 ug/ml
18) T	n-Dotriacontane (C32)	18.937	1563348	7.234 ug/ml
19) T	n-Tetratriacontane (C34)	19.723	1360125	6.706 ug/ml
20) T	n-Hexatriacontane (C36)	20.464	1116001	6.222 ug/ml
21) T	n-Octatriacontane (C38)	21.211	963463	5.714 ug/ml
22) T	n-Tetracontane (C40)	22.142	871697	5.301 ug/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057083.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 14:17
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 55 Sample Multiplier: 1

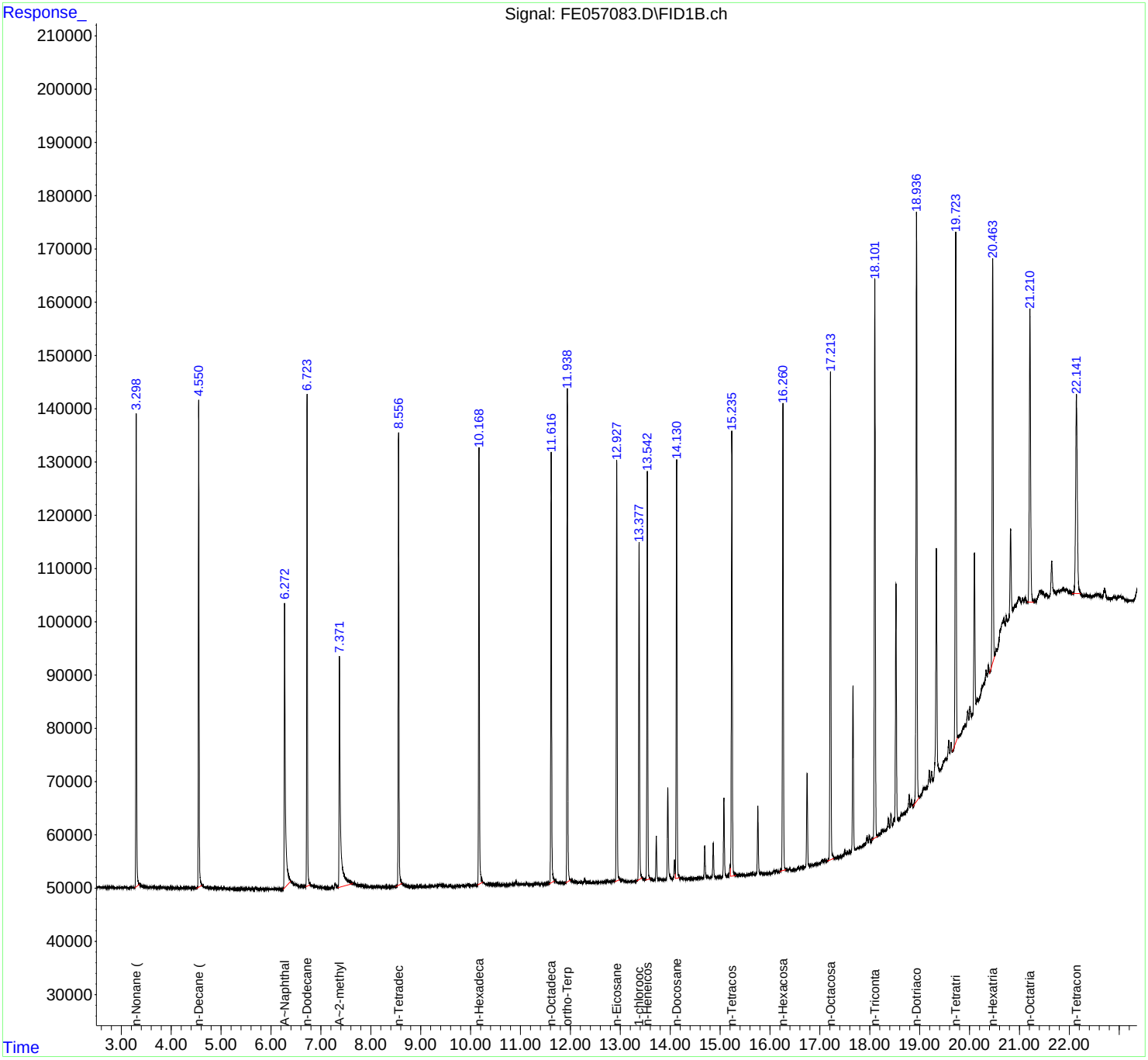
Integration File: sample.E
Quant Time: Dec 01 07:58:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 07:57:16 2025
Response via : Initial Calibration
Integrator: ChemStation

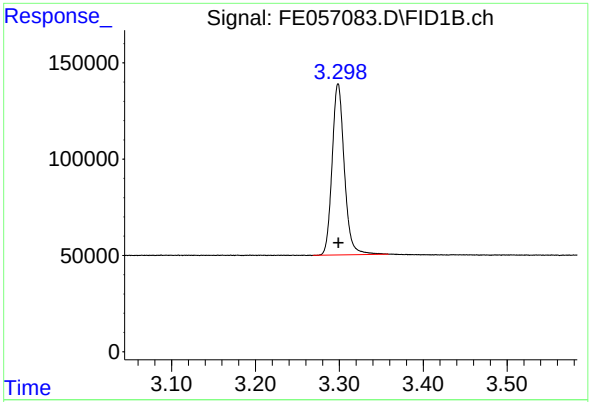
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :mohammad ahmed 12/02/2025





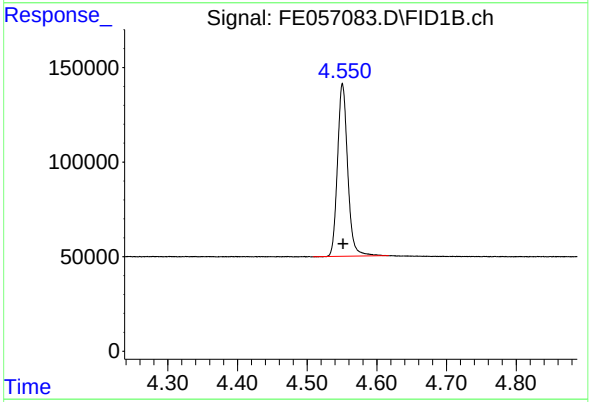
#1 n-Nonane (C9)

R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 900657
Conc: 4.60 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

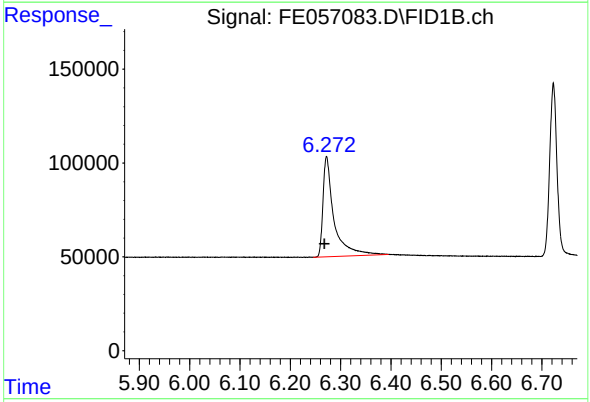
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :mohammad ahmed 12/02/2025



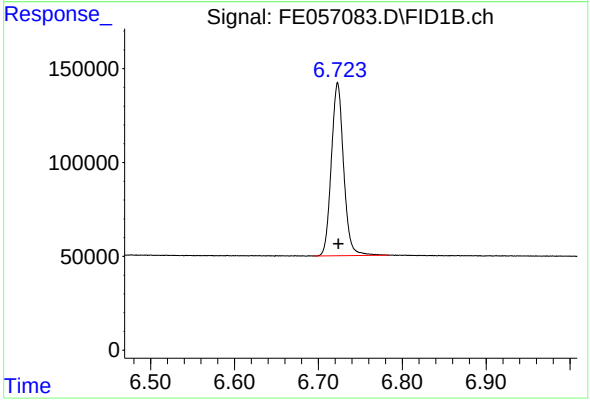
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 928798
Conc: 4.57 ug/ml



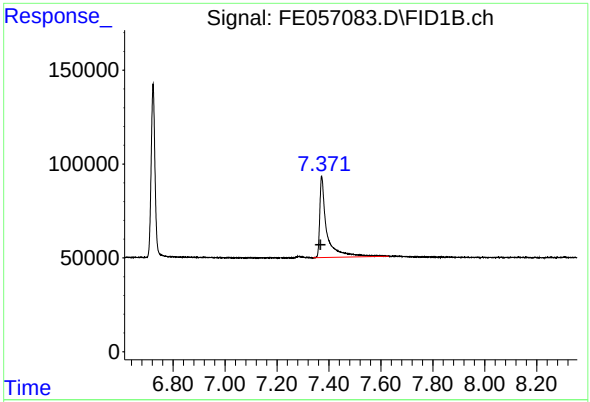
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: 0.005 min
Response: 814593
Conc: 3.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.723 min
Delta R.T.: -0.001 min
Response: 938886
Conc: 4.58 ug/ml



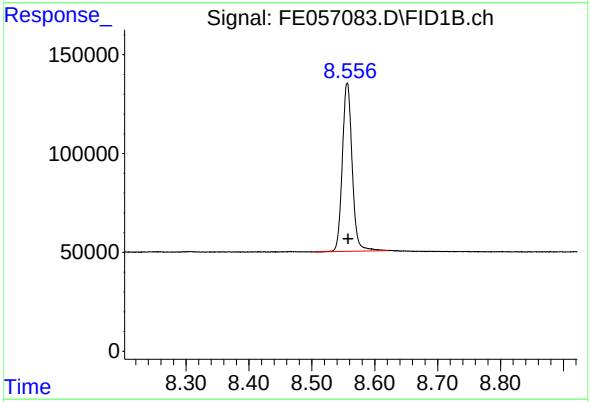
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: 0.004 min
Response: 829106
Conc: 4.29 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

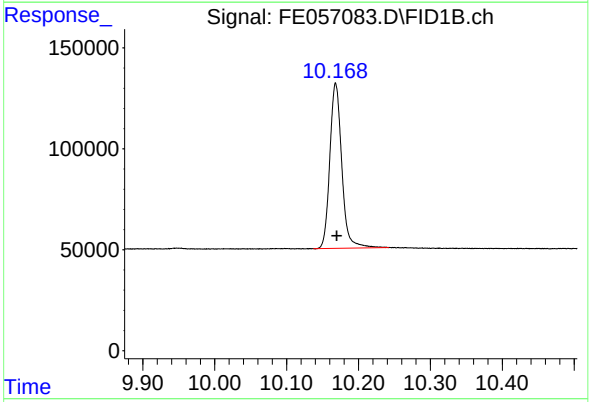
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :mohammad ahmed 12/02/2025



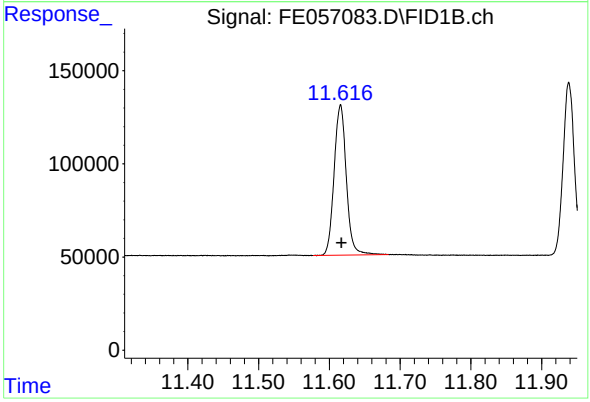
#6 n-Tetradecane (C14)

R.T.: 8.556 min
Delta R.T.: -0.001 min
Response: 924679
Conc: 4.57 ug/ml



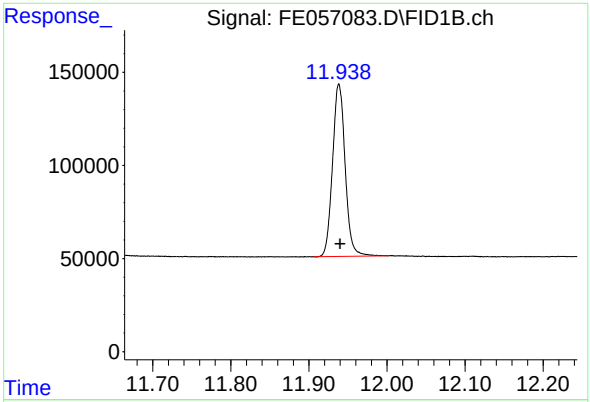
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: -0.001 min
Response: 945230
Conc: 4.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.616 min
Delta R.T.: -0.001 min
Response: 967972
Conc: 4.69 ug/ml



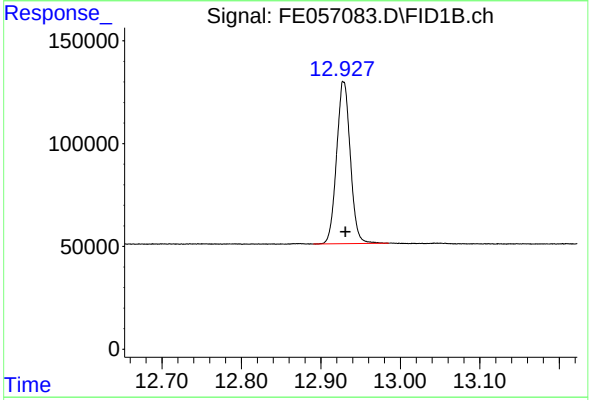
#9 ortho-Terphenyl (SURR)

R.T.: 11.939 min
Delta R.T.: -0.001 min
Response: 1038398
Conc: 4.73 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

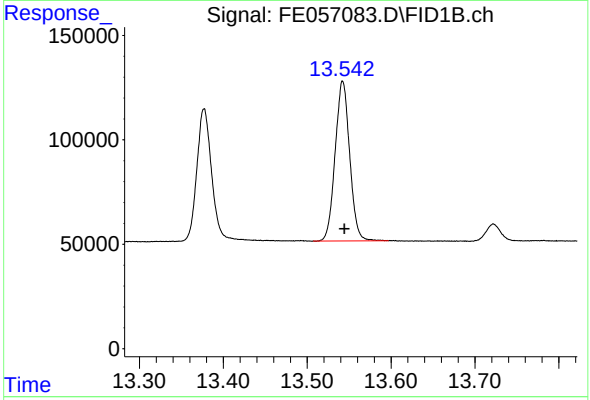
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :mohammad ahmed 12/02/2025



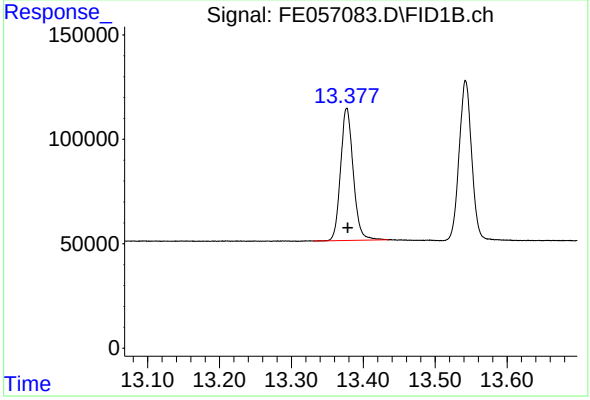
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: -0.002 min
Response: 945937
Conc: 4.83 ug/ml



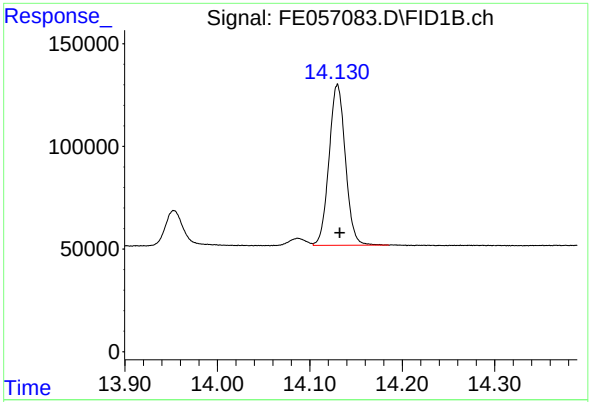
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: -0.002 min
Response: 922840
Conc: 4.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.377 min
Delta R.T.: -0.001 min
Response: 771091
Conc: 4.61 ug/ml



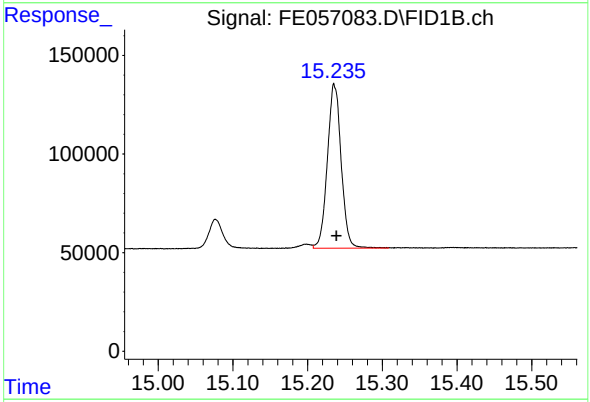
#13 n-Docosane (C22)

R.T.: 14.130 min
Delta R.T.: -0.002 min
Response: 961709
Conc: 5.09 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

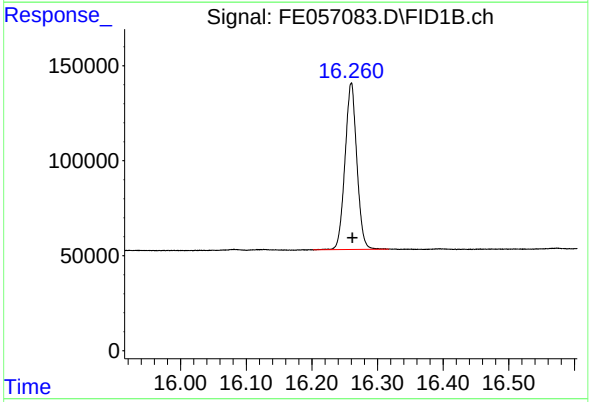
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :mohammad ahmed 12/02/2025



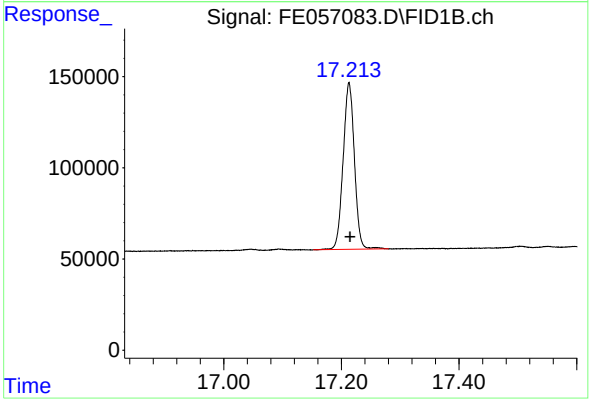
#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: -0.004 min
Response: 1065602
Conc: 5.68 ug/ml m



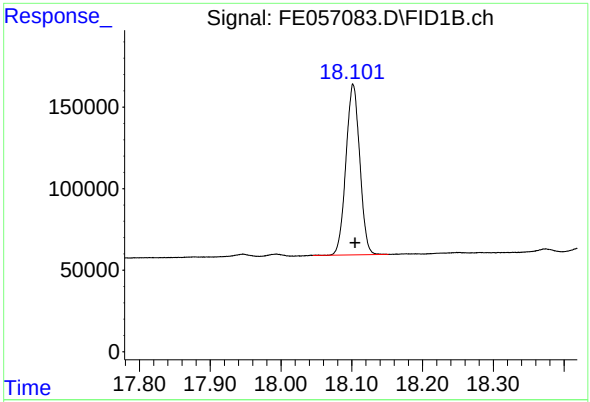
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: -0.002 min
Response: 1098380
Conc: 5.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.213 min
Delta R.T.: -0.001 min
Response: 1217921
Conc: 6.39 ug/ml



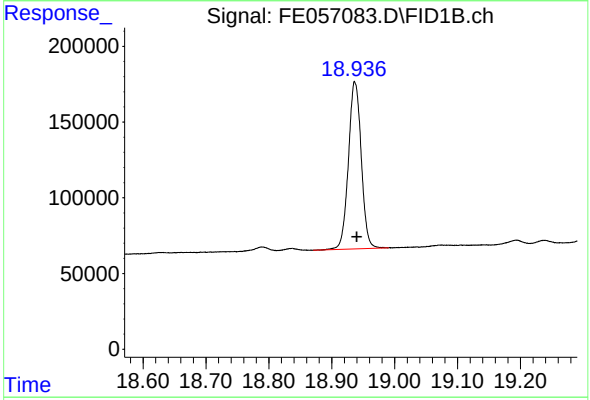
#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: -0.003 min
Response: 1420246
Conc: 6.82 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

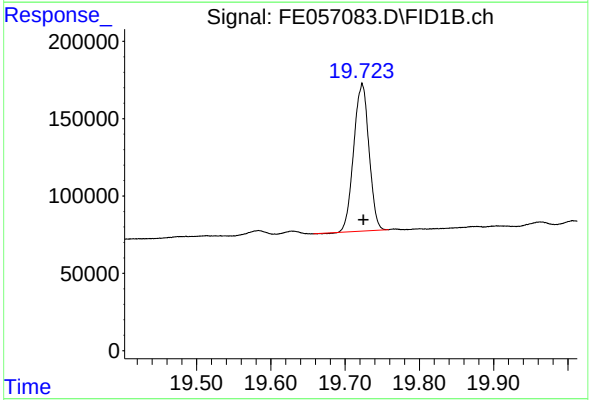
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :mohammad ahmed 12/02/2025



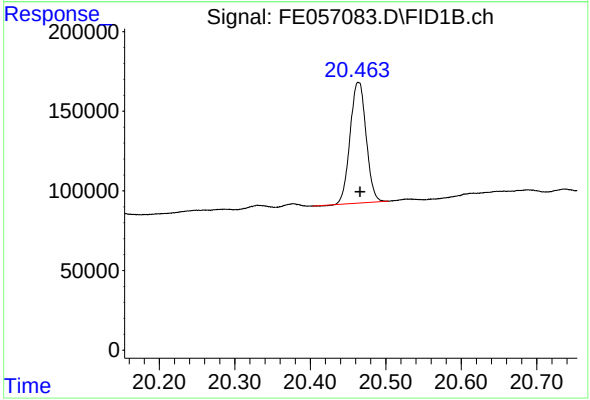
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: -0.003 min
Response: 1563348
Conc: 7.23 ug/ml



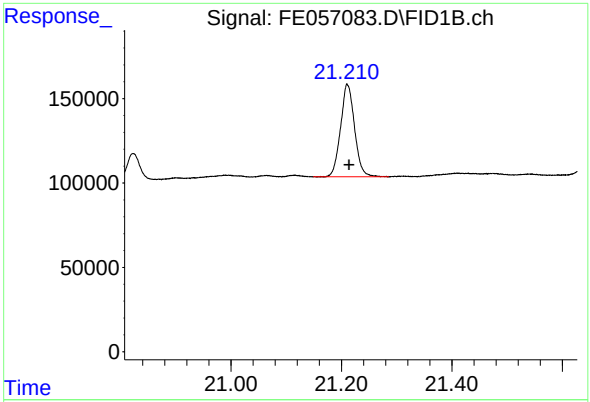
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: -0.002 min
Response: 1360125
Conc: 6.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.464 min
Delta R.T.: -0.002 min
Response: 1116001
Conc: 6.22 ug/ml



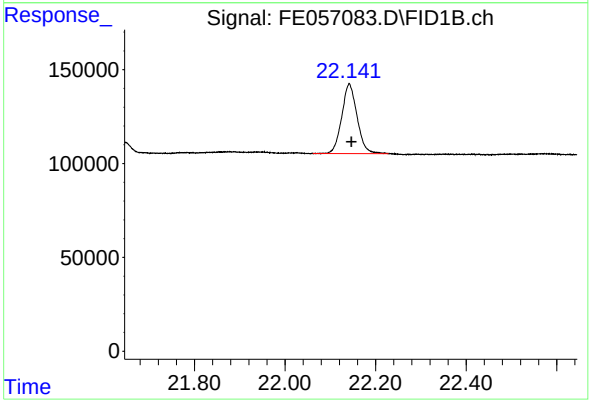
#21 n-Octatriacontane (C38)

R.T.:	21.211 min
Delta R.T.:	-0.003 min
Response:	963463
Conc:	5.71 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :mohammad ahmed 12/02/2025



#22 n-Tetracontane (C40)

R.T.:	22.142 min
Delta R.T.:	-0.005 min
Response:	871697
Conc:	5.30 ug/ml

Instrument :
FID_E
LabSampleId :
5 PPM ALIPHATIC HC STD5

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :mohammad ahmed 12/02/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE11272
Data File : FE057083.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 14:17
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.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	3.299	3.269	3.359	BB	88887	900657	57.61%	4.016%
2	4.551	4.509	4.617	BB	91290	928798	59.41%	4.142%
3	6.273	6.245	6.395	BB	53369	814593	52.11%	3.633%
4	6.723	6.694	6.784	BB	92191	938886	60.06%	4.187%
5	7.373	7.260	7.482	BB	42312	672280	43.00%	2.998%
6	8.556	8.502	8.622	BB	85226	924679	59.15%	4.124%
7	10.168	10.137	10.242	BB	81707	945230	60.46%	4.215%
8	11.616	11.577	11.684	BB	80663	967972	61.92%	4.317%
9	11.939	11.905	12.002	BB	92449	1038398	66.42%	4.631%
10	12.929	12.890	12.985	BB	78560	945937	60.51%	4.218%
11	13.377	13.330	13.435	BB	63228	771091	49.32%	3.439%
12	13.542	13.507	13.597	BB	76654	922840	59.03%	4.115%
13	14.130	14.104	14.185	VB	78446	961709	61.52%	4.289%
14	15.236	15.154	15.292	BB	82871	1079765	69.07%	4.815%
15	16.260	16.202	16.317	BB	87817	1098380	70.26%	4.898%
16	17.213	17.152	17.280	BB	91448	1217921	77.90%	5.431%
17	18.102	18.045	18.152	BB	104627	1420246	90.85%	6.334%
18	18.937	18.870	18.990	BB	109861	1563348	100.00%	6.972%
19	19.723	19.657	19.759	BB	94733	1360125	87.00%	6.065%
20	20.464	20.404	20.504	BV	75784	1116001	71.39%	4.977%
21	21.211	21.149	21.285	BB	54820	963463	61.63%	4.297%
22	22.142	22.062	22.229	BB	37362	871697	55.76%	3.887%
			Sum of corrected areas:			22424015		

Aliphatic EPH 112725.M Mon Dec 01 08:17:43 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057084.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 14:47
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: sample.E
Quant Time: Dec 01 08:06:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 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)	11.940	5099681	23.239 ug/ml
Spiked Amount	50.000	Recovery	=	46.48%
12)	S 1-chlorooctadecane (S...	13.378	3884091	23.338 ug/ml
Spiked Amount	50.000	Recovery	=	46.68%
	Target Compounds			
1)	T n-Nonane (C9)	3.299	4547628	23.248 ug/ml
2)	T n-Decane (C10)	4.552	4728427	23.378 ug/ml
3)	T A~Naphthalene (C11.7)	6.268	4804447	23.864 ug/ml
4)	T n-Dodecane (C12)	6.724	4757673	23.311 ug/ml
5)	T A~2-methylnaphthalene...	7.367	4533213	23.592 ug/ml
6)	T n-Tetradecane (C14)	8.558	4692823	23.315 ug/ml
7)	T n-Hexadecane (C16)	10.170	4784266	23.329 ug/ml
8)	T n-Octadecane (C18)	11.618	4796645	23.272 ug/ml
10)	T n-Eicosane (C20)	12.930	4547471	23.118 ug/ml
11)	T n-Heneicosane (C21)	13.544	4450332	23.164 ug/ml
13)	T n-Docosane (C22)	14.132	4409790	22.844 ug/ml
14)	T n-Tetracosane (C24)	15.238	4363323	22.031 ug/ml
15)	T n-Hexacosane (C26)	16.262	4318228	21.766 ug/ml
16)	T n-Octacosane (C28)	17.215	4432726	21.570 ug/ml
17)	T n-Tricontane (C30)	18.105	4863172	21.669 ug/ml
18)	T n-Dotriacontane (C32)	18.940	5061365	21.682 ug/ml
19)	T n-Tetratriacontane (C34)	19.725	4752442	22.251 ug/ml
20)	T n-Hexatriacontane (C36)	20.467	4183880	22.478 ug/ml
21)	T n-Octatriacontane (C38)	21.213	3882468	22.402 ug/ml
22)	T n-Tetracontane (C40)	22.145	3786420	22.469 ug/ml

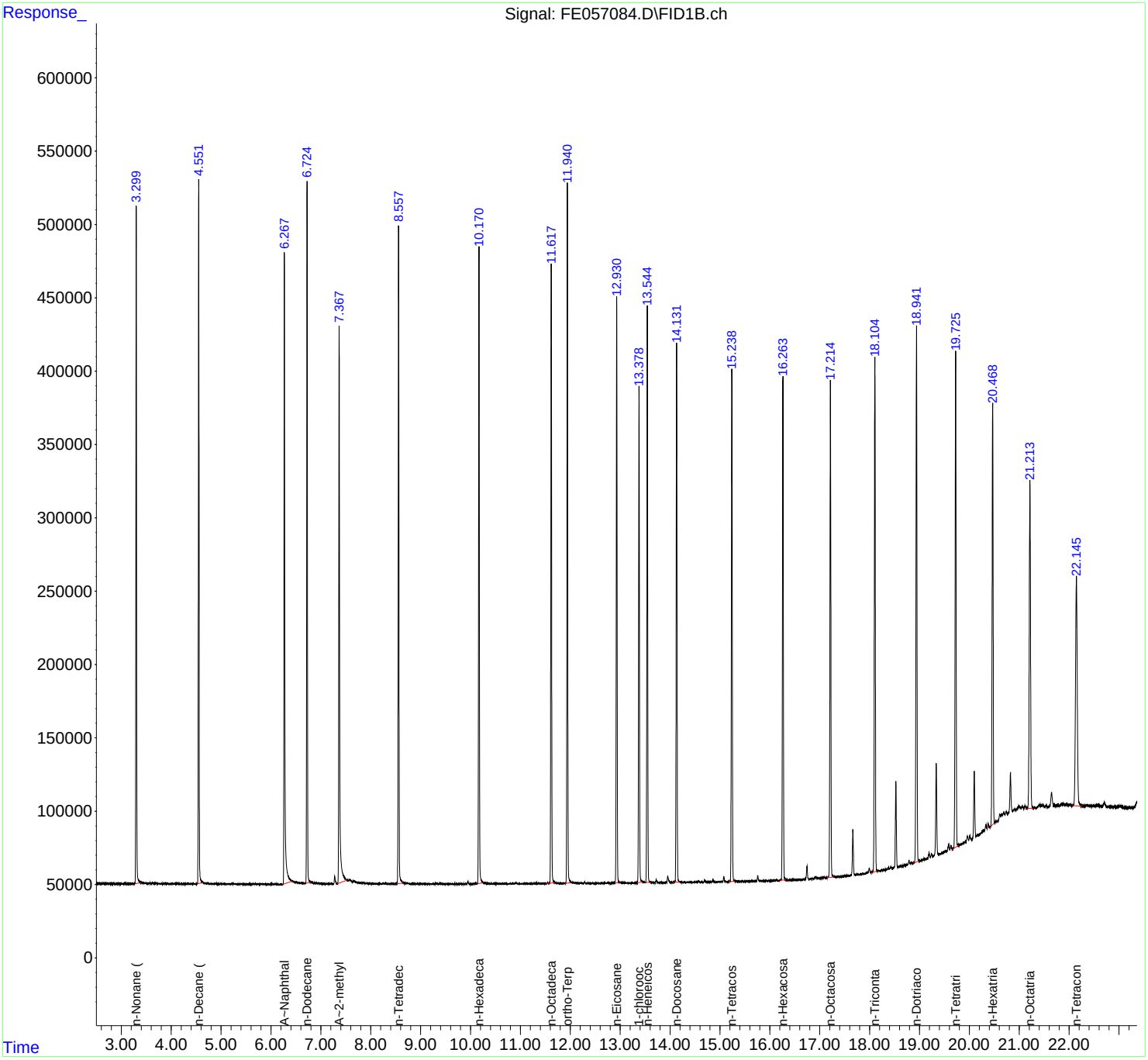
(f)=RT Delta > 1/2 Window (m)=manual int.

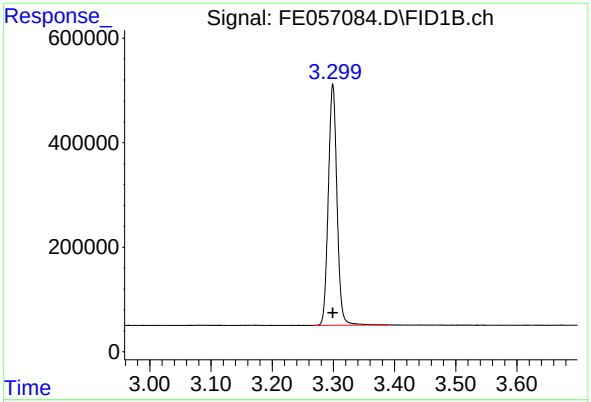
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057084.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 14:47
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: sample.E
Quant Time: Dec 01 08:06:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

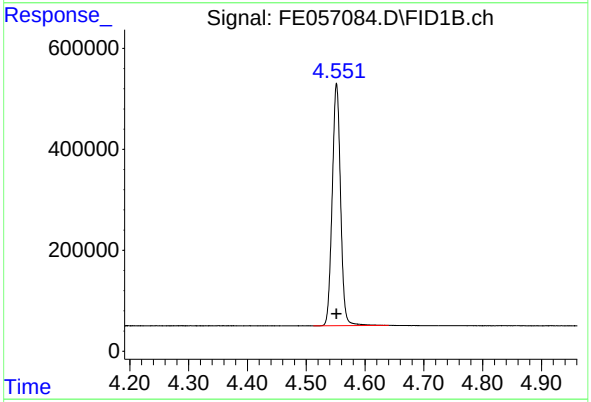




#1 n-Nonane (C9)

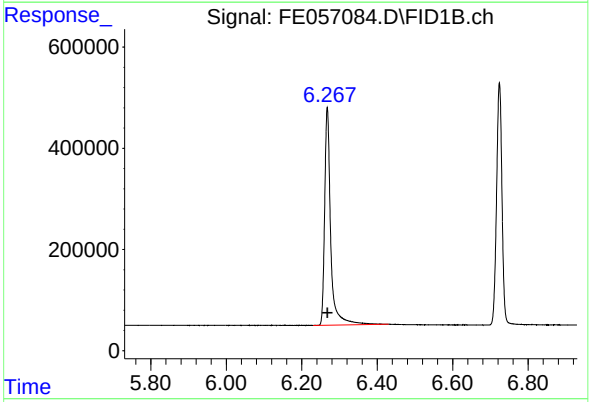
R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 4547628
Conc: 23.25 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



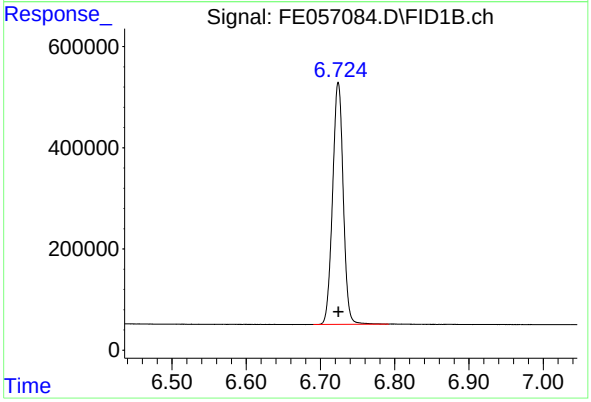
#2 n-Decane (C10)

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 4728427
Conc: 23.38 ug/ml



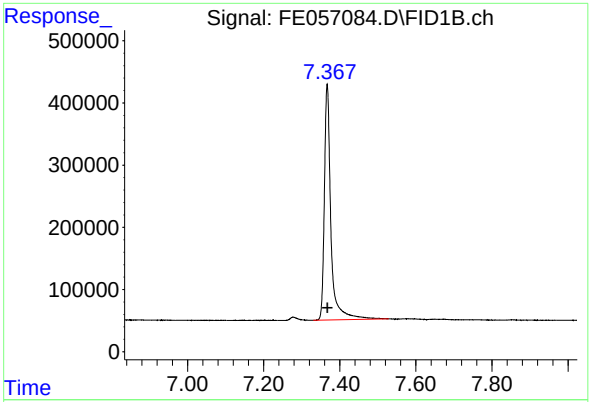
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 4804447
Conc: 23.86 ug/ml



#4 n-Dodecane (C12)

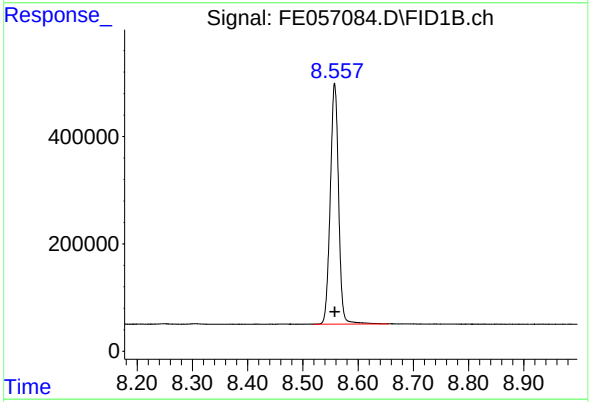
R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 4757673
Conc: 23.31 ug/ml



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

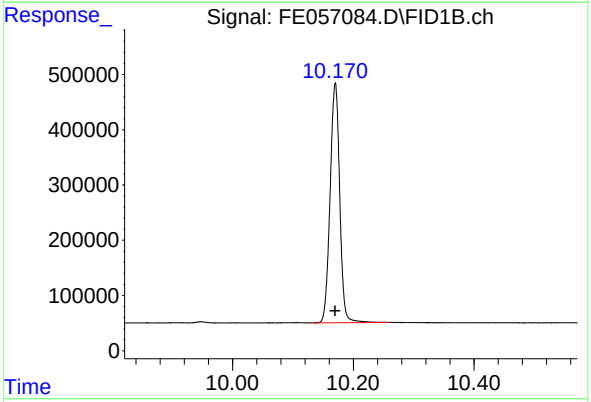
R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 4533213
Conc: 23.59 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



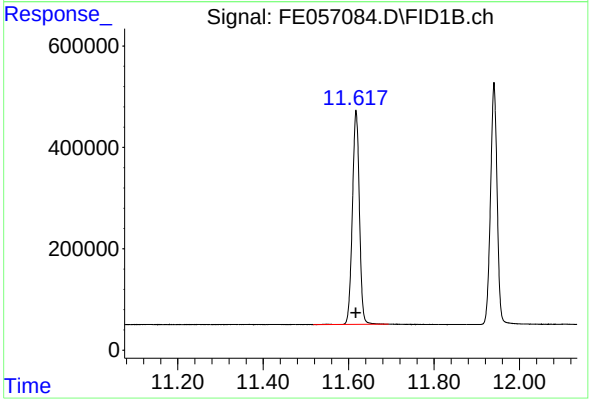
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 4692823
Conc: 23.31 ug/ml



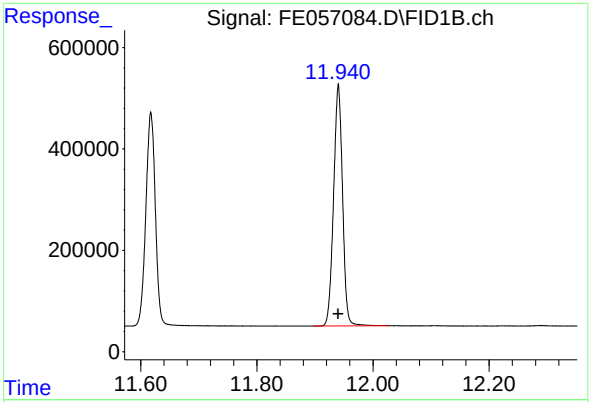
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: 0.000 min
Response: 4784266
Conc: 23.33 ug/ml



#8 n-Octadecane (C18)

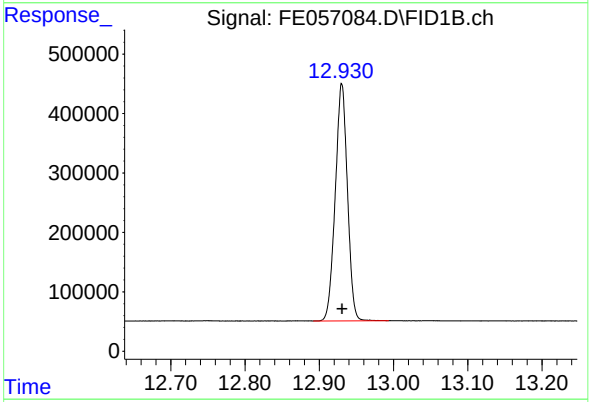
R.T.: 11.618 min
Delta R.T.: 0.000 min
Response: 4796645
Conc: 23.27 ug/ml



#9 ortho-Terphenyl (SURR)

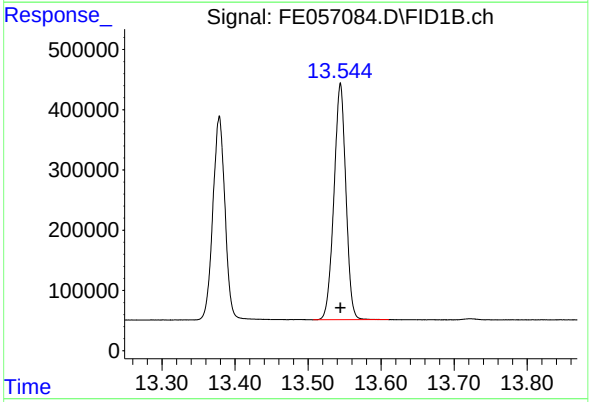
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 5099681
Conc: 23.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



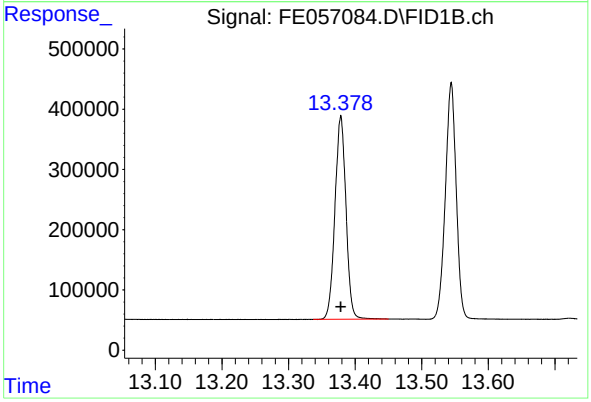
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: 0.000 min
Response: 4547471
Conc: 23.12 ug/ml



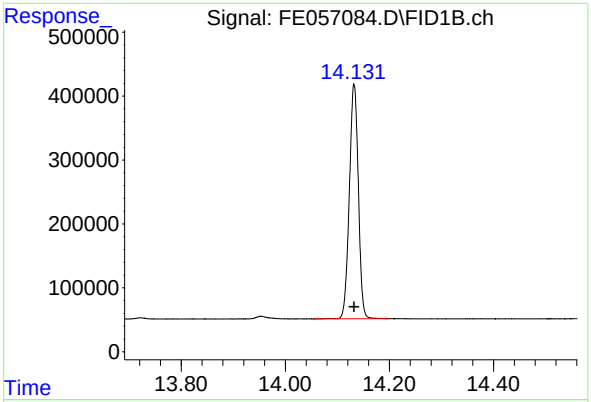
#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: 0.000 min
Response: 4450332
Conc: 23.16 ug/ml



#12 1-chlorooctadecane (SURR)

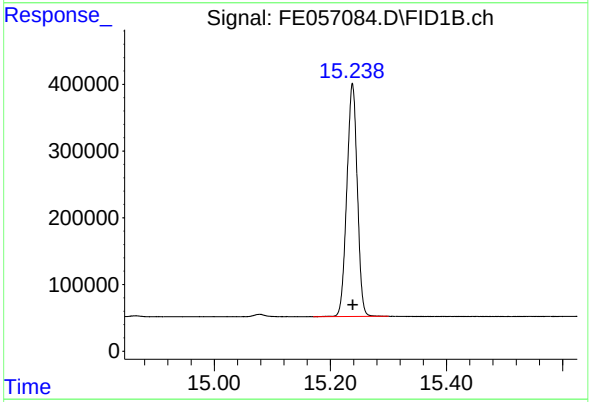
R.T.: 13.378 min
Delta R.T.: 0.000 min
Response: 3884091
Conc: 23.34 ug/ml



#13 n-Docosane (C22)

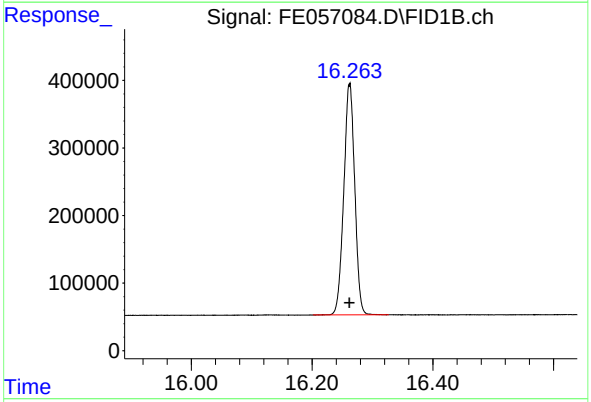
R.T.: 14.132 min
Delta R.T.: 0.000 min
Response: 4409790
Conc: 22.84 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



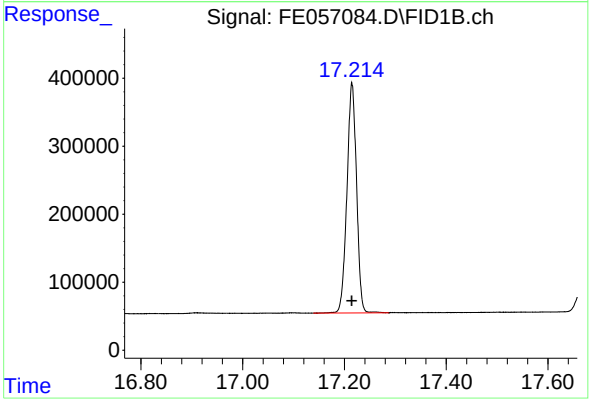
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 4363323
Conc: 22.03 ug/ml



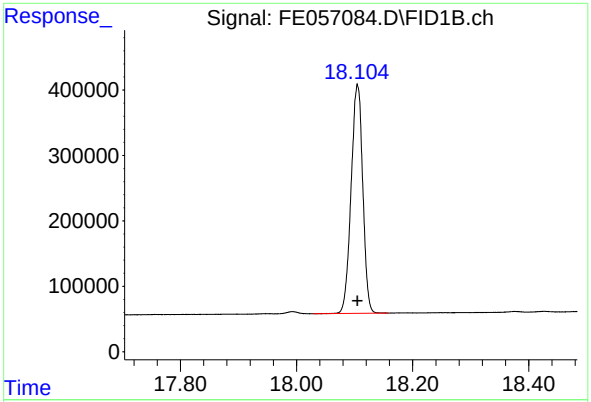
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: 0.000 min
Response: 4318228
Conc: 21.77 ug/ml



#16 n-Octacosane (C28)

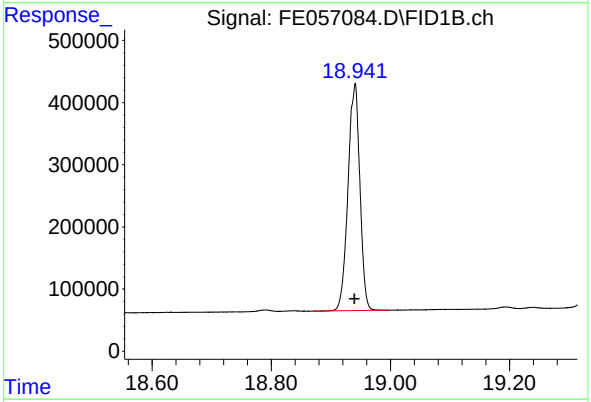
R.T.: 17.215 min
Delta R.T.: 0.000 min
Response: 4432726
Conc: 21.57 ug/ml



#17 n-Tricontane (C30)

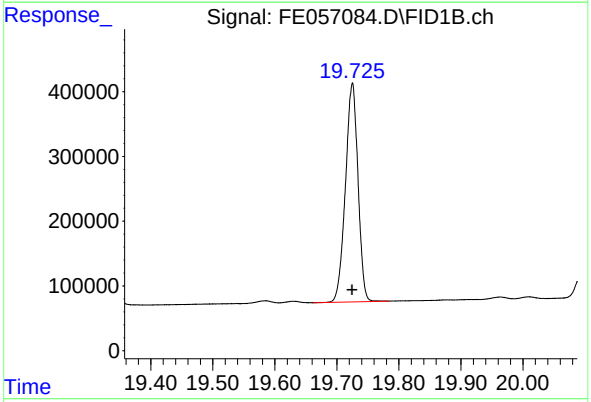
R.T.: 18.105 min
Delta R.T.: 0.000 min
Response: 4863172
Conc: 21.67 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



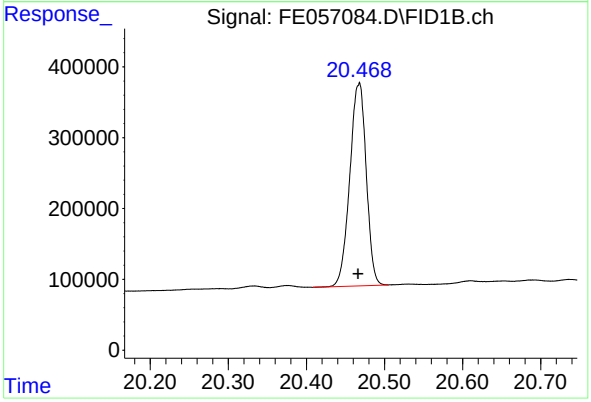
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: 0.000 min
Response: 5061365
Conc: 21.68 ug/ml



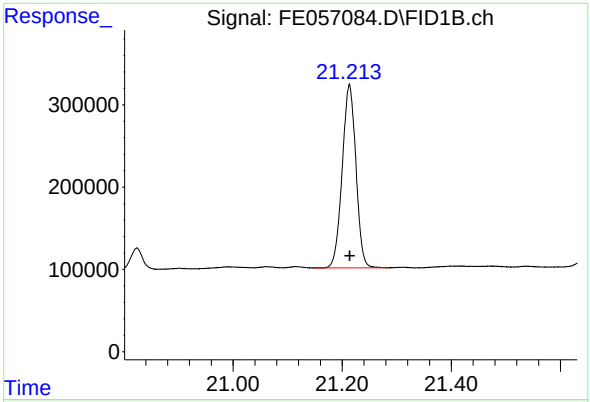
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: 0.000 min
Response: 4752442
Conc: 22.25 ug/ml



#20 n-Hexatriacontane (C36)

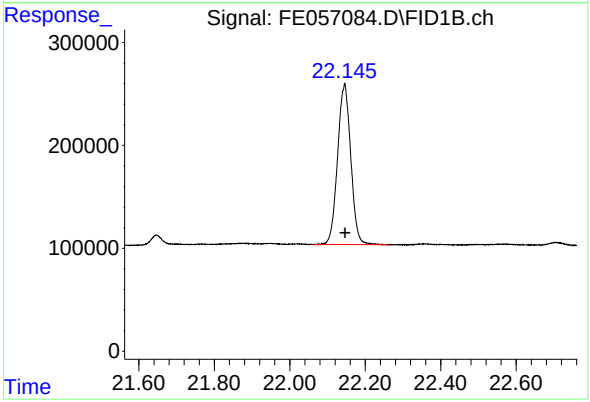
R.T.: 20.467 min
Delta R.T.: 0.001 min
Response: 4183880
Conc: 22.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: 0.000 min
Response: 3882468
Conc: 22.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.145 min
Delta R.T.: -0.001 min
Response: 3786420
Conc: 22.47 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057084.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 14:47
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.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	3.299	3.267	3.390	BB	461650	4547628	89.17%	4.562%
2	4.552	4.512	4.640	BB	479581	4728427	92.72%	4.744%
3	6.268	6.230	6.430	BB	428696	4804447	94.21%	4.820%
4	6.724	6.690	6.792	BB	478611	4757673	93.29%	4.773%
5	7.367	7.330	7.529	BB	379327	4533213	88.89%	4.548%
6	8.558	8.519	8.655	BB	448724	4692823	92.02%	4.708%
7	10.170	10.134	10.259	BB	435195	4784266	93.82%	4.800%
8	11.618	11.517	11.694	BB	421395	4796645	94.06%	4.812%
9	11.940	11.897	12.027	BB	475665	5099681	100.00%	5.116%
10	12.930	12.892	12.994	BB	399923	4547471	89.17%	4.562%
11	13.378	13.337	13.450	BB	337458	3884091	76.16%	3.897%
12	13.544	13.507	13.610	BB	391382	4450332	87.27%	4.465%
13	14.132	14.054	14.199	BB	367061	4409790	86.47%	4.424%
14	15.238	15.170	15.300	BB	348906	4363323	85.56%	4.377%
15	16.262	16.202	16.327	BB	340063	4318228	84.68%	4.332%
16	17.215	17.139	17.287	BB	337350	4432726	86.92%	4.447%
17	18.105	18.029	18.159	BB	349583	4863172	95.36%	4.879%
18	18.940	18.870	18.997	BB	363373	5061365	99.25%	5.078%
19	19.725	19.662	19.784	BB	338929	4752442	93.19%	4.768%
20	20.467	20.409	20.505	BV	284363	4183880	82.04%	4.197%
21	21.213	21.147	21.285	BB	223728	3882468	76.13%	3.895%
22	22.145	22.062	22.262	BB	156679	3786420	74.25%	3.799%
			Sum of corrected areas:			99680508		

Aliphatic EPH 112725.M Mon Dec 01 08:18:10 2025

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

Continuing Calibration Report for SequenceID : FE120125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE057097.D**						
Aliphatic C9-C12	11763898.000	60.000	3.201	6.825	196064.967	200655.681	2.288
Aliphatic C12-C16	7880968.000	40.000	6.826	10.270	197024.200	203177.346	3.028
Aliphatic C16-C21	11472211.000	60.000	10.271	13.644	191203.517	198315.768	3.586
Aliphatic C21-C28	14290009.000	80.000	13.645	17.313	178625.113	198747.045	10.124
Aliphatic C28-C40	18814402.000	120.000	17.314	22.242	156786.683	199899.890	21.567
Aliphatic EPH	64221488.000	360.000	3.201	22.242	178393.022	199869.809	10.745

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:	01 Dec 2025 15:08
Client Sample ID:		Operator:	YP\AJ
Data file:	FE057097.D	Misc:	
Instrument:	FID_E	ALS Vial:	4
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.201	6.825	11763898.000	60.000	ug/ml
Aliphatic C12-C16	6.826	10.270	7880968.000	40.000	ug/ml
Aliphatic C16-C21	10.271	13.644	11472211.000	60.000	ug/ml
Aliphatic C21-C28	13.645	17.313	14290009.000	80.000	ug/ml
Aliphatic C28-C40	17.314	22.242	18814402.000	120.000	ug/ml
Aliphatic EPH	3.201	22.242	64221488.000	360.000	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057097.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 15:08
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Dec 02 01:24:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 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)	11.940	4251992	19.376 ug/ml
Spiked Amount	50.000	Recovery	=	38.75%
12)	S 1-chlorooctadecane (S...	13.378	3210330	19.290 ug/ml
Spiked Amount	50.000	Recovery	=	38.58%
	Target Compounds			
1)	T n-Nonane (C9)	3.299	3848904	19.676 ug/ml
2)	T n-Decane (C10)	4.552	3930698	19.434 ug/ml
3)	T A~Naphthalene (C11.7)	6.268	3972465	19.731 ug/ml
4)	T n-Dodecane (C12)	6.724	3984296	19.522 ug/ml
5)	T A~2-methylnaphthalene...	7.368	3737912	19.453 ug/ml
6)	T n-Tetradecane (C14)	8.558	3909395	19.423 ug/ml
7)	T n-Hexadecane (C16)	10.170	3971573	19.366 ug/ml
8)	T n-Octadecane (C18)	11.617	3981957	19.319 ug/ml
10)	T n-Eicosane (C20)	12.930	3782610	19.229 ug/ml
11)	T n-Heneicosane (C21)	13.543	3707644	19.298 ug/ml
13)	T n-Docosane (C22)	14.131	3652609	18.921 ug/ml
14)	T n-Tetracosane (C24)	15.238	3603830	18.196 ug/ml
15)	T n-Hexacosane (C26)	16.261	3541212	17.850 ug/ml
16)	T n-Octacosane (C28)	17.213	3492358	16.994 ug/ml
17)	T n-Tricontane (C30)	18.103	3553838	15.835 ug/ml
18)	T n-Dotriacontane (C32)	18.938	3462168	14.831 ug/ml
19)	T n-Tetratriacontane (C34)	19.723	3206976	15.015 ug/ml
20)	T n-Hexatriacontane (C36)	20.465	3003395	16.136 ug/ml
21)	T n-Octatriacontane (C38)	21.211	2816753	16.253 ug/ml
22)	T n-Tetracontane (C40)	22.142	2771272	16.445 ug/ml

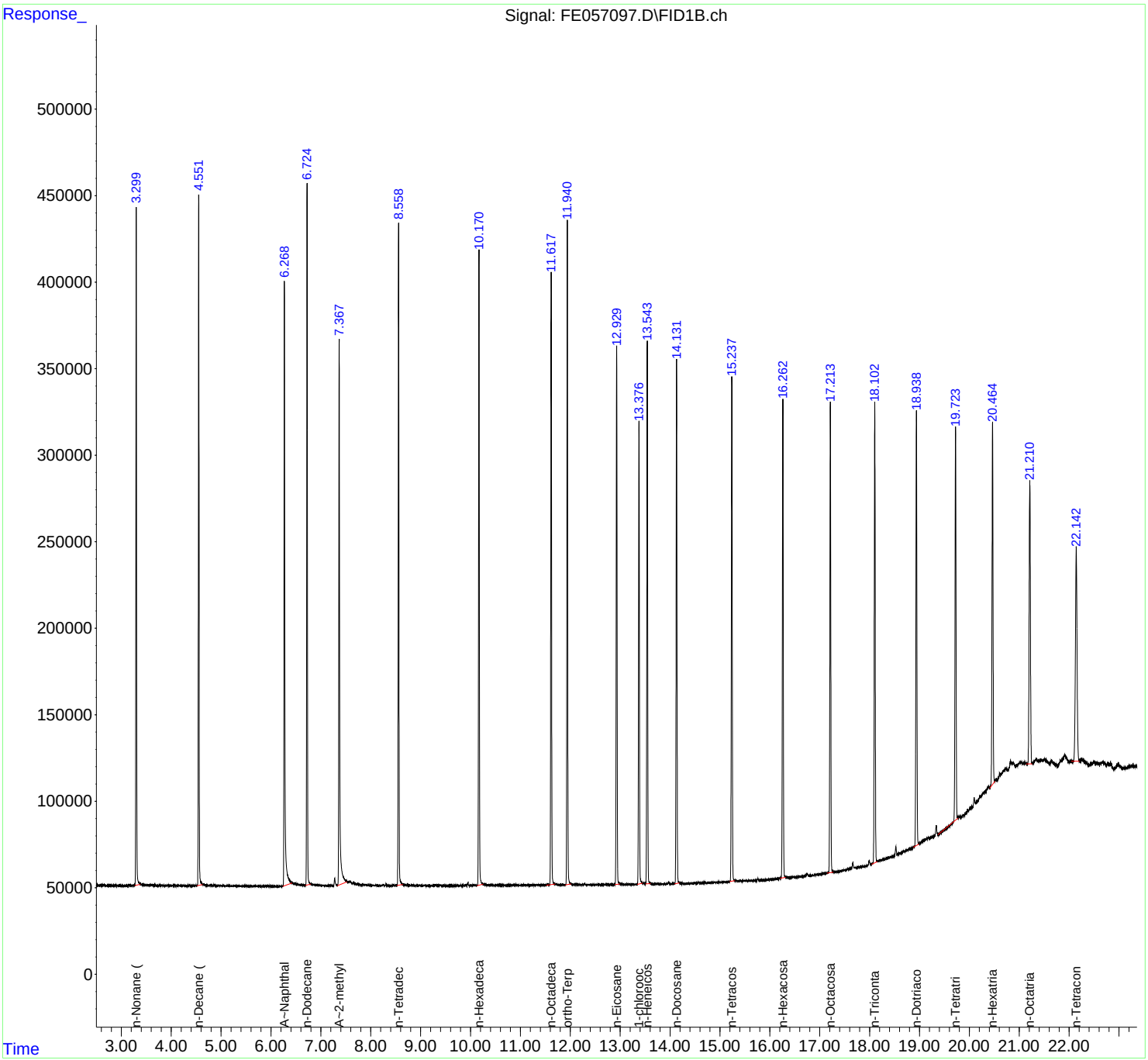
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057097.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 15:08
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Dec 02 01:24:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 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\FE120125AL\
Data File : FE057097.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 15:08
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.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	3.299	3.269	3.385	BB	391677	3848904	90.52%	4.848%
2	4.552	4.519	4.632	BB	398580	3930698	92.44%	4.951%
3	6.268	6.235	6.425	BB	348211	3972465	93.43%	5.003%
4	6.724	6.689	6.797	BB	404585	3984296	93.70%	5.018%
5	7.368	7.332	7.525	BB	315180	3737912	87.91%	4.708%
6	8.558	8.520	8.645	BB	379564	3909395	91.94%	4.924%
7	10.170	10.132	10.252	BB	366898	3971573	93.40%	5.002%
8	11.617	11.517	11.694	BB	354517	3981957	93.65%	5.015%
9	11.940	11.900	12.019	BB	384990	4251992	100.00%	5.356%
10	12.930	12.892	12.997	BB	310635	3782610	88.96%	4.764%
11	13.378	13.339	13.455	BB	268016	3210330	75.50%	4.044%
12	13.543	13.507	13.610	BB	313913	3707644	87.20%	4.670%
13	14.131	14.094	14.189	BB	304155	3652609	85.90%	4.601%
14	15.238	15.197	15.302	BB	290999	3603830	84.76%	4.539%
15	16.261	16.202	16.319	BB	277619	3541212	83.28%	4.460%
16	17.213	17.152	17.274	BB	271249	3492358	82.13%	4.399%
17	18.103	18.037	18.155	BB	263879	3553838	83.58%	4.476%
18	18.938	18.870	18.987	BB	250796	3462168	81.42%	4.361%
19	19.723	19.377	19.774	BB	226704	3206976	75.42%	4.039%
20	20.465	20.407	20.514	PV	208782	3003395	70.63%	3.783%
21	21.211	21.141	21.256	BV	163335	2816753	66.25%	3.548%
22	22.142	22.051	22.202	BV	123332	2771272	65.18%	3.491%
			Sum of corrected areas:			79394188		

Aliphatic EPH 112725.M Tue Dec 02 03:36:04 2025

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

Continuing Calibration Report for SequenceID : FE120125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE057115.D**						
Aliphatic C9-C12	13599714.000	60.000	3.201	6.825	226661.900	200655.681	-12.961
Aliphatic C12-C16	9082136.000	40.000	6.826	10.270	227053.400	203177.346	-11.751
Aliphatic C16-C21	13143542.000	60.000	10.271	13.644	219059.033	198315.768	-10.460
Aliphatic C21-C28	16552280.000	80.000	13.645	17.313	206903.500	198747.045	-4.104
Aliphatic C28-C40	27010035.000	120.000	17.314	22.242	225083.625	199899.890	-12.598
Aliphatic EPH	79387707.000	360.000	3.201	22.242	220521.408	199869.809	-10.333

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:	02 Dec 2025 00:40
Client Sample ID:		Operator:	YP\AJ
Data file:	FE057115.D	Misc:	
Instrument:	FID_E	ALS Vial:	4
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.201	6.825	13599714.000	60.000	ug/ml
Aliphatic C12-C16	6.826	10.270	9082136.000	40.000	ug/ml
Aliphatic C16-C21	10.271	13.644	13143542.000	60.000	ug/ml
Aliphatic C21-C28	13.645	17.313	16552280.000	80.000	ug/ml
Aliphatic C28-C40	17.314	22.242	27010035.000	120.000	ug/ml
Aliphatic EPH	3.201	22.242	79387707.000	360.000	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057115.D
Signal(s) : FID1B.ch
Acq On : 02 Dec 2025 00:40
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File: autoint1.e
Quant Time: Dec 02 01:31:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 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)	11.941	4888720	22.278 ug/ml
Spiked Amount	50.000	Recovery	=	44.56%
12)	S 1-chlorooctadecane (S...	13.379	3704442	22.259 ug/ml
Spiked Amount	50.000	Recovery	=	44.52%
	Target Compounds			
1)	T n-Nonane (C9)	3.298	4449291	22.746 ug/ml
2)	T n-Decane (C10)	4.552	4549551	22.494 ug/ml
3)	T A~Naphthalene (C11.7)	6.269	4617994	22.937 ug/ml
4)	T n-Dodecane (C12)	6.724	4600872	22.543 ug/ml
5)	T A~2-methylnaphthalene...	7.368	4350901	22.643 ug/ml
6)	T n-Tetradecane (C14)	8.558	4508317	22.398 ug/ml
7)	T n-Hexadecane (C16)	10.170	4573819	22.303 ug/ml
8)	T n-Octadecane (C18)	11.618	4570103	22.173 ug/ml
10)	T n-Eicosane (C20)	12.931	4334004	22.032 ug/ml
11)	T n-Heneicosane (C21)	13.545	4239435	22.066 ug/ml
13)	T n-Docosane (C22)	14.132	4194550	21.729 ug/ml
14)	T n-Tetracosane (C24)	15.238	4145683	20.932 ug/ml
15)	T n-Hexacosane (C26)	16.263	4088362	20.608 ug/ml
16)	T n-Octacosane (C28)	17.215	4123685	20.067 ug/ml
17)	T n-Tricontane (C30)	18.104	4508448	20.089 ug/ml
18)	T n-Dotriacontane (C32)	18.940	4862362	20.830 ug/ml
19)	T n-Tetratriacontane (C34)	19.725	4917453	23.023 ug/ml
20)	T n-Hexatriacontane (C36)	20.468	4652282	24.995 ug/ml
21)	T n-Octatriacontane (C38)	21.216	4262872	24.597 ug/ml
22)	T n-Tetracontane (C40)	22.146	3806618	22.589 ug/mlm

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057115.D
Signal(s) : FID1B.ch
Acq On : 02 Dec 2025 00:40
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

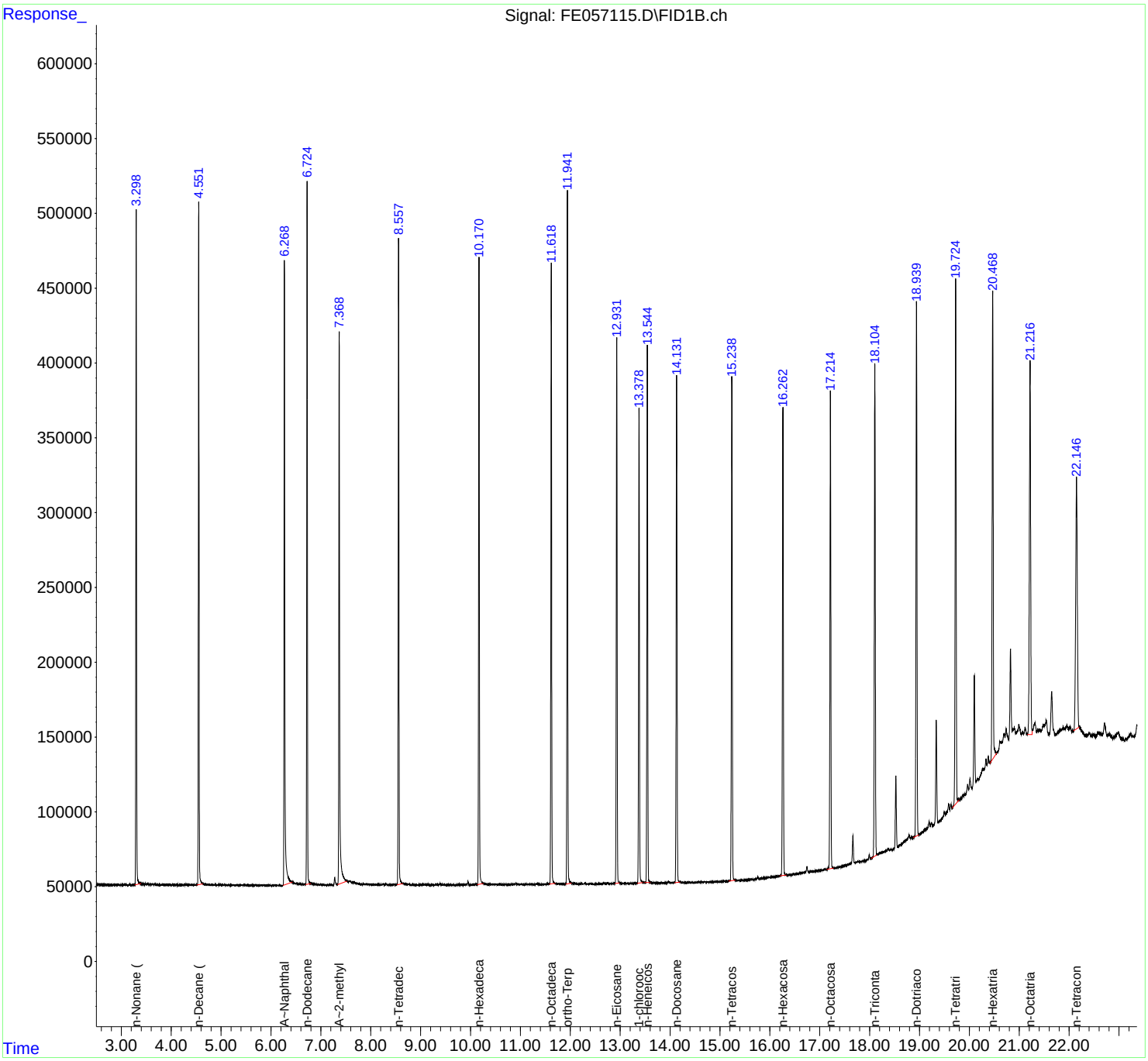
Integration File: autoint1.e
Quant Time: Dec 02 01:31:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



rteres

Instrument :
FID_E
LabSampleId :
20 PPM ALIPHATIC HC STD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE12012
Data File : FE057115.D
Signal(s) : FID1B.ch
Acq On : 02 Dec 2025 00:40
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.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	3.298	3.265	3.390	BB	450940	4449291	90.48%	4.588%
2	4.552	4.510	4.637	BB	457000	4549551	92.52%	4.692%
3	6.269	6.240	6.424	BB	417071	4617994	93.91%	4.762%
4	6.724	6.690	6.800	BB	469731	4600872	93.56%	4.745%
5	7.368	7.332	7.525	BB	369968	4350901	88.48%	4.487%
6	8.558	8.524	8.645	BB	430142	4508317	91.68%	4.649%
7	10.170	10.130	10.254	BB	419332	4573819	93.01%	4.717%
8	11.618	11.579	11.700	BB	415415	4570103	92.94%	4.713%
9	11.941	11.905	12.024	BB	465126	4888720	99.42%	5.042%
10	12.931	12.892	12.990	BB	365339	4334004	88.14%	4.469%
11	13.379	13.340	13.460	BB	315994	3704442	75.33%	3.820%
12	13.545	13.487	13.609	BB	358906	4239435	86.21%	4.372%
13	14.132	14.094	14.202	BB	338665	4194550	85.30%	4.326%
14	15.238	15.175	15.304	BB	334964	4145683	84.31%	4.275%
15	16.263	16.202	16.330	BB	312820	4088362	83.14%	4.216%
16	17.215	17.139	17.275	BB	318558	4123685	83.86%	4.253%
17	18.104	18.027	18.152	BB	329475	4508448	91.68%	4.649%
18	18.940	18.870	18.985	BB	356967	4862362	98.88%	5.014%
19	19.725	19.652	19.795	PB	347987	4917453	100.00%	5.071%
20	20.468	20.415	20.549	BBA	312219	4652282	94.61%	4.798%
21	21.216	21.165	21.259	PV	249895	4262872	86.69%	4.396%
22	22.146	22.092	22.206	M	168922	3826344	77.81%	3.946%
			Sum of corrected areas:			96969489		

Aliphatic EPH 112725.M Tue Dec 02 03:39:27 2025

QC SAMPLE DATA

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Diamond			Date Received:	
Client Sample ID:	PB170764BL			SDG No.:	Q3740
Lab Sample ID:	PB170764BL			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FE057098.D	12/01/25 15:38	PB170764
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	4.00	mg/kg	FE057098.D	12/01/25 15:38	PB170764
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	6.00	mg/kg			
Total EPH	Total EPH	2.09	U		2.09	6.00	mg/kg			

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Diamond			Date Received:	
Client Sample ID:	PB170764BL			SDG No.:	Q3740
Lab Sample ID:	PB170764BL			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	0.000	U	1	0.91	4.00	mg/kg	12/01/25	PB170764
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	12/01/25	PB170764
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	25.6			40 - 140	51%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	30.6			40 - 140	61%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170764BL	Acq On:	01 Dec 2025 15:38
Client Sample ID:	PB170764BL	Operator:	YP\AJ
Data file:	FE057098.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.201	6.825	0	0	300	ug/ml
Aliphatic C12-C16	6.826	10.270	0	0	200	ug/ml
Aliphatic C16-C21	10.271	13.644	0	0	300	ug/ml
Aliphatic C21-C28	13.645	17.313	0	0	400	ug/ml
Aliphatic C28-C40	17.314	22.242	0	0	600	ug/ml
Aliphatic EPH	3.201	22.242	0	0		ug/ml
ortho-Terphenyl (SURR)	11.940	11.940	6722927	30.64		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	4254082	25.56		ug/ml
Aliphatic C9-C28	3.201	17.313	0	0	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057098.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 15:38
Operator : YP\AJ
Sample : PB170164BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170764BL

Integration File: autoint1.e
Quant Time: Dec 02 01:24:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 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)	11.940	6722927	30.636 ug/ml
Spiked Amount 50.000		Recovery =	61.27%
12) S 1-chlorooctadecane (S...	13.378	4254082	25.561 ug/ml
Spiked Amount 50.000		Recovery =	51.12%
Target Compounds			

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

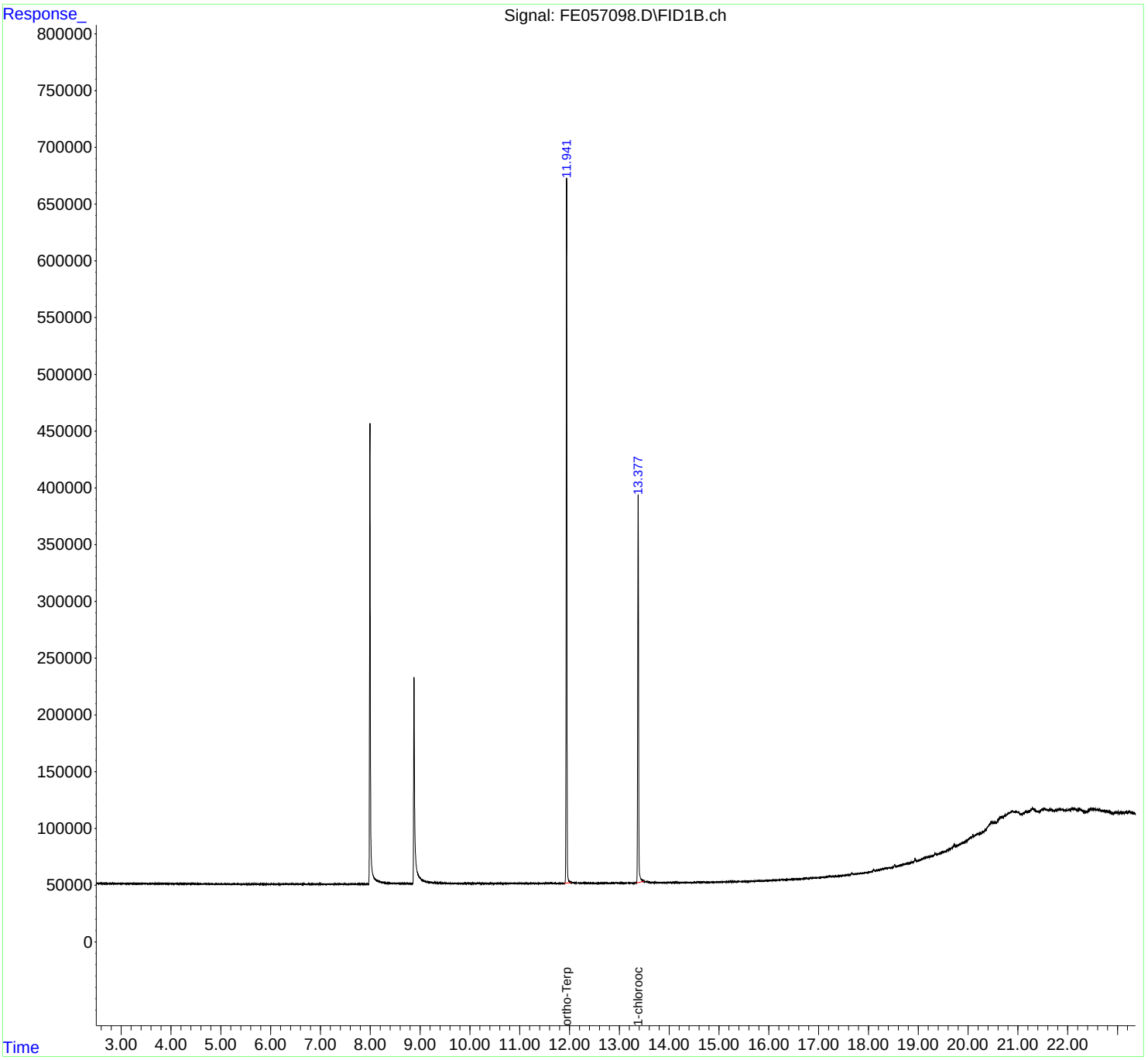
Quantitation Report (QT Reviewed)

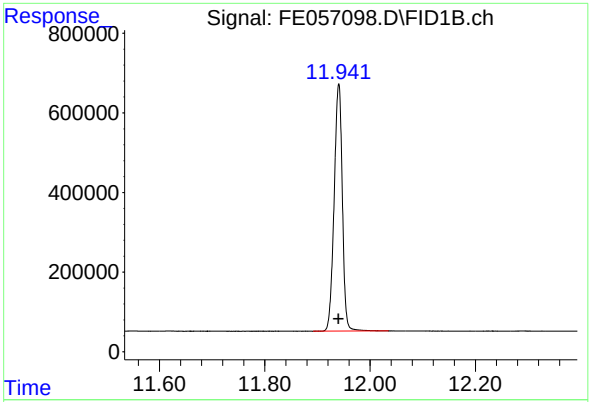
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057098.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 15:38
Operator : YP\AJ
Sample : PB170164BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170764BL

Integration File: autoint1.e
Quant Time: Dec 02 01:24:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

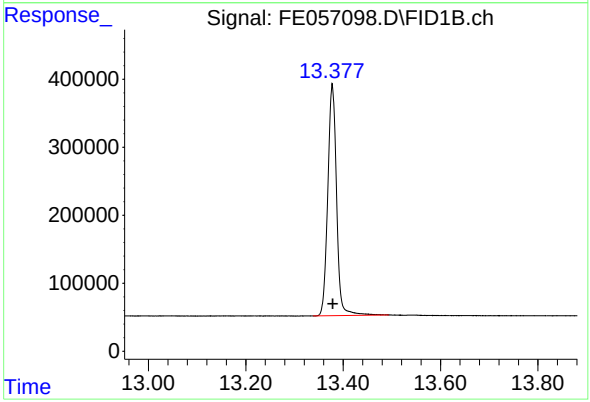




#9 ortho-Terphenyl (SURR)

R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 6722927
Conc: 30.64 ug/ml

Instrument :
FID_E
ClientSampleId :
PB170764BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.378 min
Delta R.T.: 0.000 min
Response: 4254082
Conc: 25.56 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057098.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 15:38
Sample : PB170164BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.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	11.940	11.892	12.035	BB	621544	6722927	100.00%	61.246%
2	13.378	13.338	13.493	BB	339385	4254082	63.28%	38.754%

Sum of corrected areas: 10977008

Aliphatic EPH 112725.M Tue Dec 02 03:36:34 2025

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Diamond			Date Received:	
Client Sample ID:	PB170764BS			SDG No.:	Q3740
Lab Sample ID:	PB170764BS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1	1.18	2.00	mg/kg	FE057099.D	12/01/25 16:08	PB170764
Aliphatic C9-C28	Aliphatic C9-C28	65.3		1	0.91	3.99	mg/kg	FE057099.D	12/01/25 16:08	PB170764
Total AliphaticEPH	Total AliphaticEPH	86.3			2.09	5.99	mg/kg			
Total EPH	Total EPH	86.3			2.09	5.99	mg/kg			

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Diamond			Date Received:	
Client Sample ID:	PB170764BS			SDG No.:	Q3740
Lab Sample ID:	PB170764BS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	65.3		1	0.91	3.99	mg/kg	12/01/25	PB170764
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1	1.18	2.00	mg/kg	12/01/25	PB170764
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	27.3			40 - 140	55%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	30.4			40 - 140	61%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170764BS	Acq On:	01 Dec 2025 16:08
Client Sample ID:	PB170764BS	Operator:	YP\AJ
Data file:	FE057099.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.201	6.825	33915509	169.023	300	ug/ml
Aliphatic C12-C16	6.826	10.270	45808536	225.461	200	ug/ml
Aliphatic C16-C21	10.271	13.644	51305267	258.705	300	ug/ml
Aliphatic C21-C28	13.645	17.313	65174163	327.925	400	ug/ml
Aliphatic C28-C40	17.314	22.242	63029390	315.305	600	ug/ml
Aliphatic EPH	3.201	22.242	259232865	1300		ug/ml
ortho-Terphenyl (SURR)	11.941	11.941	6667052	30.38		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	4542216	27.29		ug/ml
Aliphatic C9-C28	3.201	17.313	196203475	981.114	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057099.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 16:08
Operator : YP\AJ
Sample : PB170164BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170764BS

Integration File: autoint1.e
Quant Time: Dec 02 01:24:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 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)	11.941	6667052	30.382 ug/ml
Spiked Amount	50.000		Recovery =	60.76%
12) S	1-chlorooctadecane (S...	13.378	4542216	27.293 ug/ml
Spiked Amount	50.000		Recovery =	54.59%
	Target Compounds			
1) T	n-Nonane (C9)	3.309	5766813	29.481 ug/ml
2) T	n-Decane (C10)	4.558	6198007	30.644 ug/ml
3) T	A~Naphthalene (C11.7)	6.270	7685398	38.173 ug/ml
4) T	n-Dodecane (C12)	6.726	6853003	33.577 ug/ml
5) T	A~2-methylnaphthalene...	7.369	7018311	36.525 ug/ml
6) T	n-Tetradecane (C14)	8.560	7182751	35.685 ug/ml
7) T	n-Hexadecane (C16)	10.171	7134112	34.788 ug/ml
8) T	n-Octadecane (C18)	11.618	7096103	34.428 ug/ml
10) T	n-Eicosane (C20)	12.932	7032956	35.753 ug/ml
11) T	n-Heneicosane (C21)	13.545	6904253	35.936 ug/ml
13) T	n-Docosane (C22)	14.133	6829267	35.377 ug/ml
14) T	n-Tetracosane (C24)	15.241	14801822	74.735 ug/ml
15) T	n-Hexacosane (C26)	16.264	6634679	33.443 ug/ml
16) T	n-Octacosane (C28)	17.214	6775735	32.972 ug/ml
17) T	n-Tricontane (C30)	18.107	6381317	28.434 ug/ml
18) T	n-Dotriacontane (C32)	18.939	6170736	26.434 ug/ml
19) T	n-Tetratriacontane (C34)	19.725	6282595	29.415 ug/ml
20) T	n-Hexatriacontane (C36)	20.466	6247444	33.565 ug/ml
21) T	n-Octatriacontane (C38)	21.214	6446989	37.200 ug/ml
22) T	n-Tetracontane (C40)	22.147	6669723	39.579 ug/ml

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

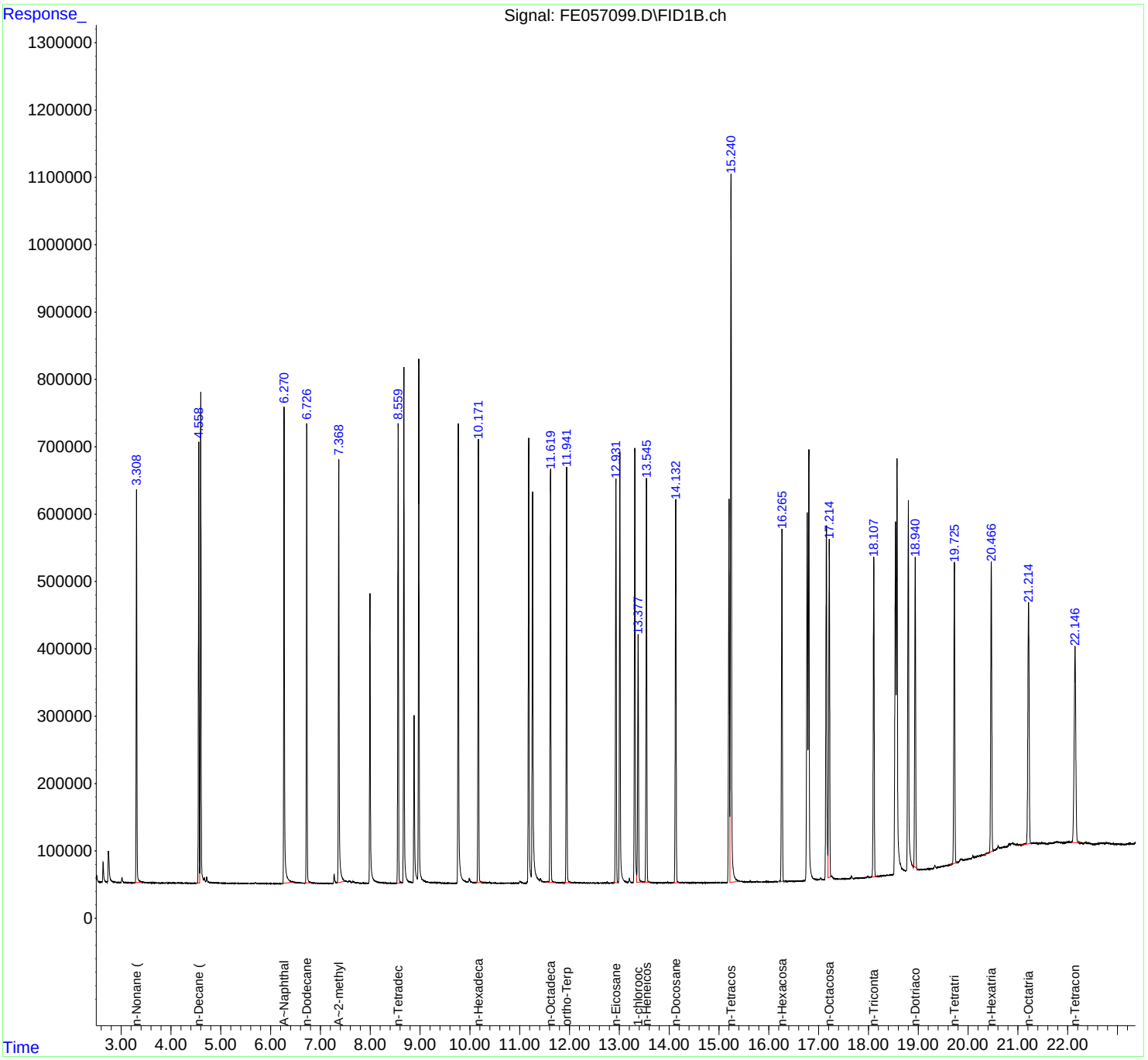
Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057099.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 16:08
Operator : YP\AJ
Sample : PB170164BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170764BS

Integration File: autoint1.e
Quant Time: Dec 02 01:24:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 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\FE120125AL\
Data File : FE057099.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 16:08
Sample : PB170164BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.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	3.309	3.249	3.409	BB	583733	5766813	38.96%	2.132%
2	4.558	4.502	4.577	BV	652920	6198007	41.87%	2.292%
3	4.598	4.577	4.655	VV	728924	7412288	50.08%	2.741%
4	6.270	6.212	6.452	BB	708178	7685398	51.92%	2.842%
5	6.726	6.669	6.817	BB	681735	6853003	46.30%	2.534%
6	7.369	7.334	7.495	BV	628562	7018311	47.42%	2.595%
7	8.560	8.505	8.645	BB	682364	7182751	48.53%	2.656%
8	8.675	8.647	8.810	BB	764349	8162701	55.15%	3.018%
9	8.975	8.945	9.137	VB	781355	8316863	56.19%	3.075%
10	9.768	9.704	9.944	BB	685816	7993798	54.01%	2.956%
11	10.171	10.112	10.250	BB	659878	7134112	48.20%	2.638%
12	11.181	11.112	11.230	BV	661585	7498835	50.66%	2.773%
13	11.258	11.230	11.400	VV	578668	7668658	51.81%	2.836%
14	11.618	11.509	11.692	BB	614002	7096103	47.94%	2.624%
15	11.941	11.875	12.025	BB	618618	6667052	45.04%	2.465%
16	12.932	12.870	12.979	BV	597204	7032956	47.51%	2.601%
17	13.011	12.979	13.150	VB	634219	7607095	51.39%	2.813%
18	13.311	13.242	13.349	BV	646530	7497367	50.65%	2.772%
19	13.378	13.349	13.470	VB	366032	4542216	30.69%	1.680%
20	13.545	13.485	13.607	BB	602037	6904253	46.64%	2.553%
21	14.133	14.064	14.219	BB	568865	6829267	46.14%	2.525%
22	15.201	15.134	15.218	BV	567417	7067102	47.74%	2.613%
23	15.241	15.218	15.419	VB	1042151	14801822	100.00%	5.473%
24	16.264	16.175	16.324	BB	515590	6634679	44.82%	2.453%
25	16.772	16.697	16.787	BV	545235	7525945	50.84%	2.783%
26	16.805	16.787	16.940	VB	640850	8139937	54.99%	3.010%
27	17.157	17.100	17.187	BV	513056	7399676	49.99%	2.736%
28	17.214	17.187	17.250	VV	500325	6775735	45.78%	2.505%
29	18.107	18.035	18.165	BB	474316	6381317	43.11%	2.360%
30	18.543	18.487	18.557	BV	522294	7818812	52.82%	2.891%
31	18.574	18.557	18.755	VV	617508	9005059	60.84%	3.330%
32	18.801	18.755	18.870	PBA	536893	8006715	54.09%	2.961%
33	18.939	18.870	19.000	BB	460163	6170736	41.69%	2.282%
34	19.725	19.640	19.787	BB	446751	6282595	42.44%	2.323%
35	20.466	20.320	20.510	BB	430646	6247444	42.21%	2.310%
36	21.214	21.040	21.265	BB	358418	6446989	43.56%	2.384%

rteres

37	22.147	22.062	22.254	BB	291611	6669723	45.06%	2.466%

Sum of corrected areas: 270442132

Aliphatic EPH 112725.M Tue Dec 02 03:37:36 2025

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Diamond			Date Received:	
Client Sample ID:	PB170764BSD			SDG No.:	Q3740
Lab Sample ID:	PB170764BSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	21.1		1	1.18	2.00	mg/kg	FE057100.D	12/01/25 16:39	PB170764
Aliphatic C9-C28	Aliphatic C9-C28	65.6		1	0.91	3.99	mg/kg	FE057100.D	12/01/25 16:39	PB170764
Total AliphaticEPH	Total AliphaticEPH	86.7			2.09	5.99	mg/kg			
Total EPH	Total EPH	86.7			2.09	5.99	mg/kg			

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Diamond			Date Received:	
Client Sample ID:	PB170764BSD			SDG No.:	Q3740
Lab Sample ID:	PB170764BSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	65.6		1	0.91	3.99	mg/kg	12/01/25	PB170764
Aliphatic C28-C40	Aliphatic C28-C40	21.1		1	1.18	2.00	mg/kg	12/01/25	PB170764
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	27.1			40 - 140	54%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	30.2			40 - 140	60%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170764BSD	Acq On:	01 Dec 2025 16:39
Client Sample ID:	PB170764BSD	Operator:	YP\AJ
Data file:	FE057100.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.201	6.825	33807182	168.484	300	ug/ml
Aliphatic C12-C16	6.826	10.270	45928620	226.052	200	ug/ml
Aliphatic C16-C21	10.271	13.644	51485081	259.612	300	ug/ml
Aliphatic C21-C28	13.645	17.313	65653140	330.335	400	ug/ml
Aliphatic C28-C40	17.314	22.242	63252450	316.421	600	ug/ml
Aliphatic EPH	3.201	22.242	260126473	1300		ug/ml
ortho-Terphenyl (SURR)	11.941	11.941	6631833	30.22		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	4512680	27.12		ug/ml
Aliphatic C9-C28	3.201	17.313	196874023	984.483	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057100.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 16:39
Operator : YP\AJ
Sample : PB170164BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170764BSD

Integration File: autoint1.e
Quant Time: Dec 02 01:25:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 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)	11.941	6631833	30.221 ug/ml
Spiked Amount	50.000		Recovery =	60.44%
12)	S 1-chlorooctadecane (S...	13.378	4512680	27.115 ug/ml
Spiked Amount	50.000		Recovery =	54.23%
	Target Compounds			
1)	T n-Nonane (C9)	3.309	5731030	29.298 ug/ml
2)	T n-Decane (C10)	4.558	6170285	30.507 ug/ml
3)	T A~Naphthalene (C11.7)	6.270	7672032	38.107 ug/ml
4)	T n-Dodecane (C12)	6.726	6835421	33.491 ug/ml
5)	T A~2-methylnaphthalene...	7.369	7038900	36.632 ug/ml
6)	T n-Tetradecane (C14)	8.560	7191095	35.727 ug/ml
7)	T n-Hexadecane (C16)	10.170	7149926	34.865 ug/ml
8)	T n-Octadecane (C18)	11.618	7116616	34.528 ug/ml
10)	T n-Eicosane (C20)	12.932	7055263	35.866 ug/ml
11)	T n-Heneicosane (C21)	13.545	6926532	36.052 ug/ml
13)	T n-Docosane (C22)	14.132	6846846	35.468 ug/ml
14)	T n-Tetracosane (C24)	15.241	14872343	75.091 ug/ml
15)	T n-Hexacosane (C26)	16.264	6645494	33.497 ug/ml
16)	T n-Octacosane (C28)	17.214	7018383	34.153 ug/ml
17)	T n-Tricontane (C30)	18.106	6374814	28.405 ug/ml
18)	T n-Dotriacontane (C32)	18.939	6162757	26.400 ug/ml
19)	T n-Tetratriacontane (C34)	19.724	6268294	29.348 ug/ml
20)	T n-Hexatriacontane (C36)	20.465	6316079	33.934 ug/ml
21)	T n-Octatriacontane (C38)	21.213	6440721	37.164 ug/ml
22)	T n-Tetracontane (C40)	22.148	6653670	39.484 ug/ml

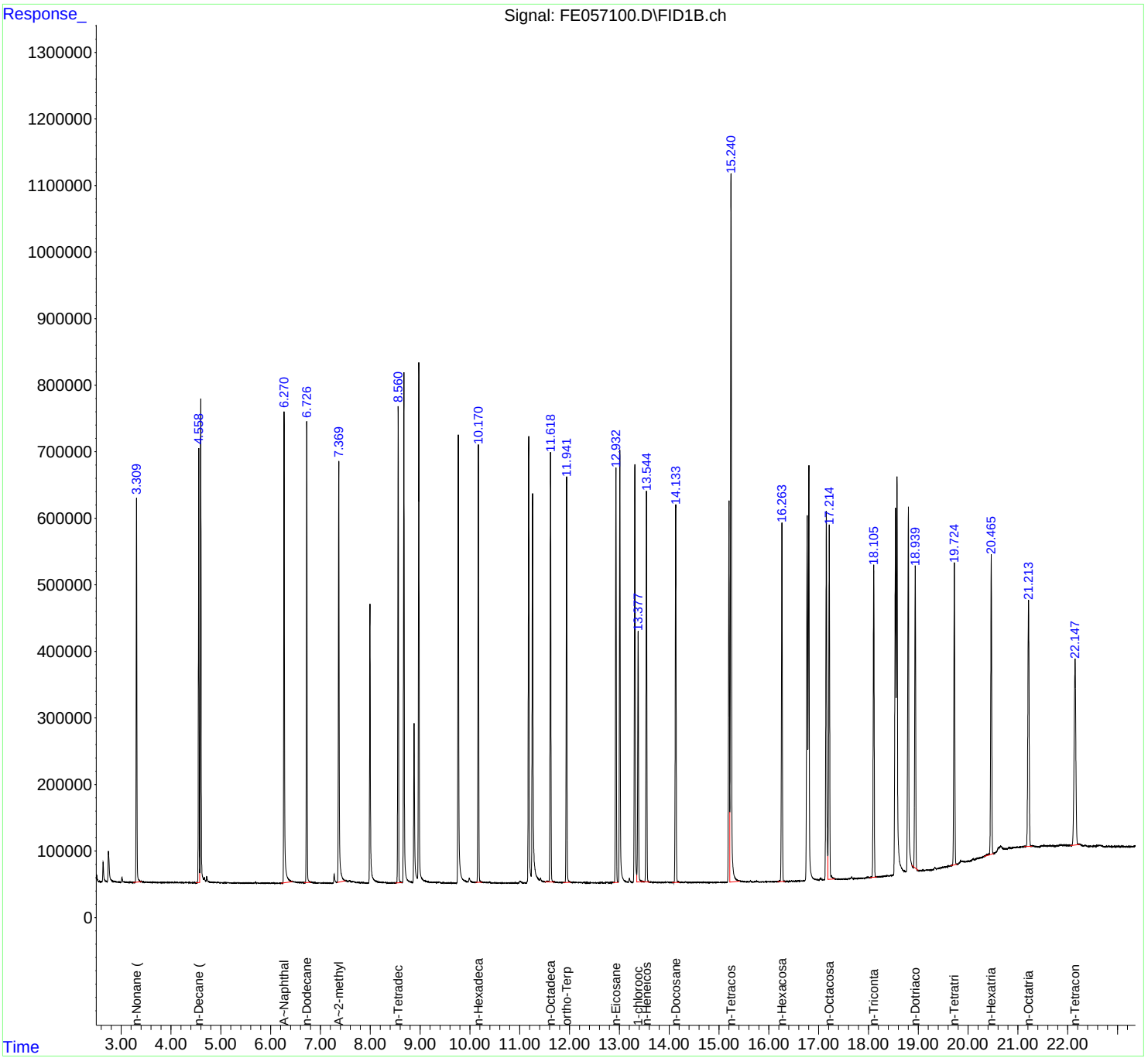
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057100.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 16:39
Operator : YP\AJ
Sample : PB170164BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170764BSD

Integration File: autoint1.e
Quant Time: Dec 02 01:25:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 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\FE120125AL\
Data File : FE057100.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 16:39
Sample : PB170164BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.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	3.309	3.248	3.407	BB	576745	5731030	38.53%	2.113%
2	4.558	4.500	4.577	BV	653243	6170285	41.49%	2.275%
3	4.598	4.577	4.655	VV	724563	7398414	49.75%	2.727%
4	6.270	6.210	6.442	BB	707502	7672032	51.59%	2.828%
5	6.726	6.668	6.810	BB	694603	6835421	45.96%	2.520%
6	7.369	7.333	7.497	BV	630473	7038900	47.33%	2.595%
7	8.560	8.505	8.643	BV	717097	7191095	48.35%	2.651%
8	8.675	8.643	8.822	PB	765213	8202479	55.15%	3.024%
9	8.975	8.945	9.128	VB	782973	8320591	55.95%	3.067%
10	9.768	9.703	9.948	BB	670638	8025629	53.96%	2.959%
11	10.170	10.112	10.248	BB	656685	7149926	48.08%	2.636%
12	11.181	11.108	11.230	BV	670706	7528650	50.62%	2.775%
13	11.258	11.230	11.398	VV	583125	7702914	51.79%	2.840%
14	11.618	11.508	11.697	BB	645160	7116616	47.85%	2.623%
15	11.941	11.873	12.025	BB	607769	6631833	44.59%	2.445%
16	12.932	12.872	12.977	BV	622410	7055263	47.44%	2.601%
17	13.010	12.977	13.160	VB	649768	7634927	51.34%	2.815%
18	13.311	13.242	13.350	BV	630614	7520179	50.56%	2.772%
19	13.378	13.350	13.477	VB	377593	4512680	30.34%	1.664%
20	13.545	13.477	13.613	BB	586733	6926532	46.57%	2.553%
21	14.132	14.062	14.210	BB	568498	6846846	46.04%	2.524%
22	15.201	15.138	15.217	BV	574430	7092019	47.69%	2.614%
23	15.241	15.217	15.422	VB	1065026	14872343	100.00%	5.482%
24	16.264	16.175	16.322	BB	538717	6645494	44.68%	2.450%
25	16.771	16.697	16.786	BV	547151	7522226	50.58%	2.773%
26	16.805	16.786	16.945	VB	625047	8204558	55.17%	3.024%
27	17.155	17.100	17.185	BV	549511	7451271	50.10%	2.747%
28	17.214	17.185	17.325	VB	527984	7018383	47.19%	2.587%
29	18.106	18.020	18.167	BB	468596	6374814	42.86%	2.350%
30	18.543	18.477	18.555	BV	549532	7748112	52.10%	2.856%
31	18.573	18.555	18.755	VV	596238	9231436	62.07%	3.403%
32	18.801	18.755	18.870	PBA	535644	8056567	54.17%	2.970%
33	18.939	18.870	19.000	BB	455036	6162757	41.44%	2.272%
34	19.724	19.648	19.783	BB	451674	6268294	42.15%	2.311%
35	20.465	20.320	20.515	BV	446168	6316079	42.47%	2.328%
36	21.213	21.128	21.288	BB	369806	6440721	43.31%	2.374%

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37	22.148	22.050	22.238	BB	277481	6653670	44.74%	2.453%

Sum of corrected areas: 271270985

Aliphatic EPH 112725.M Tue Dec 02 03:38:11 2025

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Diamond			Date Received:	
Client Sample ID:	HD-01-11-26-2025MS			SDG No.:	Q3740
Lab Sample ID:	Q3732-01MS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	86.9
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	40.0		1	1.36	2.30	mg/kg	FE057108.D	12/01/25 20:39	PB170764
Aliphatic C9-C28	Aliphatic C9-C28	76.0		1	1.04	4.60	mg/kg	FE057108.D	12/01/25 20:39	PB170764
Total AliphaticEPH	Total AliphaticEPH	116			2.40	6.90	mg/kg			
Total EPH	Total EPH	116			2.40	6.90	mg/kg			

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Diamond			Date Received:	
Client Sample ID:	HD-01-11-26-2025MS			SDG No.:	Q3740
Lab Sample ID:	Q3732-01MS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	86.9
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	76.0		1	1.04	4.60	mg/kg	12/01/25	PB170764
Aliphatic C28-C40	Aliphatic C28-C40	40.0		1	1.36	2.30	mg/kg	12/01/25	PB170764
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	25.1			40 - 140	50%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	28.0			40 - 140	56%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3732-01MS	Acq On:	01 Dec 2025 20:39
Client Sample ID:	HD-01-11-26-2025MS	Operator:	YP\AJ
Data file:	FE057108.D	Misc:	
Instrument:	FID_E	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.201	6.825	27704251	138.069	300	ug/ml
Aliphatic C12-C16	6.826	10.270	45802662	225.432	200	ug/ml
Aliphatic C16-C21	10.271	13.644	54967390	277.171	300	ug/ml
Aliphatic C21-C28	13.645	17.313	69762308	351.011	400	ug/ml
Aliphatic C28-C40	17.314	22.242	104391119	522.217	600	ug/ml
Aliphatic EPH	3.201	22.242	302627730	1510		ug/ml
ortho-Terphenyl (SURR)	11.942	11.942	6143608	28		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	4173903	25.08		ug/ml
Aliphatic C9-C28	3.201	17.313	198236611	991.683	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057108.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 20:39
Operator : YP\AJ
Sample : Q3732-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
HD-01-11-26-2025MS

Integration File: autoint1.e
Quant Time: Dec 02 01:28:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 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)	11.942	6143608	27.997 ug/ml
Spiked Amount	50.000		Recovery =	55.99%
12) S	1-chlorooctadecane (S...	13.378	4173903	25.079 ug/ml
Spiked Amount	50.000		Recovery =	50.16%
	Target Compounds			
1) T	n-Nonane (C9)	3.297	4112502	21.024 ug/ml
2) T	n-Decane (C10)	4.552	4764689	23.557 ug/ml
3) T	A~Naphthalene (C11.7)	6.268	6173075	30.662 ug/ml
4) T	n-Dodecane (C12)	6.725	5660118	27.733 ug/ml
5) T	A~2-methylnaphthalene...	7.368	6148156	31.996 ug/ml
6) T	n-Tetradecane (C14)	8.560	6637154	32.975 ug/ml
7) T	n-Hexadecane (C16)	10.171	7191502	35.068 ug/ml
8) T	n-Octadecane (C18)	11.619	7301327	35.424 ug/ml
10) T	n-Eicosane (C20)	12.932	7280632	37.012 ug/ml
11) T	n-Heneicosane (C21)	13.545	7135766	37.142 ug/ml
13) T	n-Docosane (C22)	14.133	7083861	36.696 ug/ml
14) T	n-Tetracosane (C24)	15.242	15187395	76.682 ug/ml
15) T	n-Hexacosane (C26)	16.266	6881571	34.687 ug/ml
16) T	n-Octacosane (C28)	17.216	6992248	34.026 ug/ml
17) T	n-Tricontane (C30)	18.108	6739382	30.029 ug/ml
18) T	n-Dotriacontane (C32)	18.941	6673194	28.587 ug/ml
19) T	n-Tetratriacontane (C34)	19.727	6556735	30.698 ug/ml
20) T	n-Hexatriacontane (C36)	20.468	6446662	34.635 ug/ml
21) T	n-Octatriacontane (C38)	21.217	6385117	36.843 ug/ml
22) T	n-Tetracontane (C40)	22.152	6503875	38.595 ug/ml

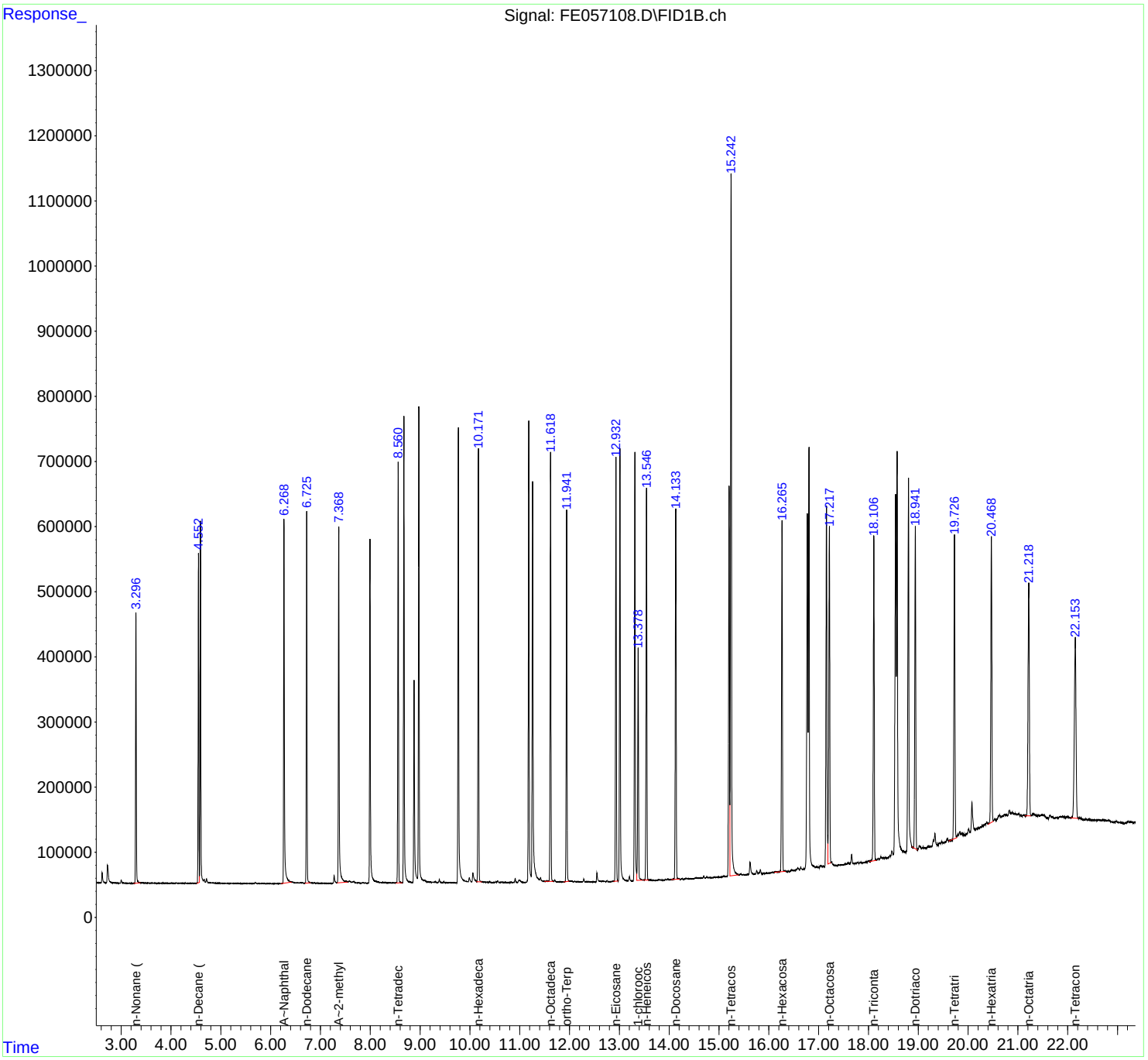
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057108.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 20:39
Operator : YP\AJ
Sample : Q3732-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
HD-01-11-26-2025MS

Integration File: autoint1.e
Quant Time: Dec 02 01:28:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 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\FE120125AL\
Data File : FE057108.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 20:39
Sample : Q3732-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.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	2.618	2.558	2.700	BV	16016	214460	1.40%	0.068%
2	2.727	2.700	2.928	VV	27014	528460	3.45%	0.168%
3	2.936	2.928	2.962	VV	250	3214	0.02%	0.001%
4	3.001	2.962	3.058	VV	5060	69409	0.45%	0.022%
5	3.078	3.058	3.136	VV	394	9790	0.06%	0.003%
6	3.163	3.136	3.199	VV	284	4987	0.03%	0.002%
7	3.297	3.199	3.424	PV	415463	4170706	27.23%	1.328%
8	3.440	3.424	3.495	VV	929	27300	0.18%	0.009%
9	3.507	3.495	3.522	VV	564	8590	0.06%	0.003%
10	3.538	3.522	3.568	VV	587	12701	0.08%	0.004%
11	3.579	3.568	3.601	VV	417	7533	0.05%	0.002%
12	3.613	3.601	3.622	VV	555	6112	0.04%	0.002%
13	3.632	3.622	3.654	VV	575	8349	0.05%	0.003%
14	3.669	3.654	3.728	VV	566	16159	0.11%	0.005%
15	3.746	3.728	3.769	VV	445	8431	0.06%	0.003%
16	3.798	3.769	3.881	VV	525	23229	0.15%	0.007%
17	3.884	3.881	3.949	VV	382	14038	0.09%	0.004%
18	3.990	3.949	4.049	VV	489	20060	0.13%	0.006%
19	4.092	4.049	4.106	VV	581	12539	0.08%	0.004%
20	4.124	4.106	4.148	VV	512	9855	0.06%	0.003%
21	4.160	4.148	4.176	VV	366	5761	0.04%	0.002%
22	4.198	4.176	4.221	VV	609	10706	0.07%	0.003%
23	4.245	4.221	4.263	VV	324	7205	0.05%	0.002%
24	4.293	4.263	4.313	VV	530	11926	0.08%	0.004%
25	4.324	4.313	4.379	VV	487	13800	0.09%	0.004%
26	4.443	4.403	4.481	VV	457	13668	0.09%	0.004%
27	4.493	4.481	4.517	VV	331	6321	0.04%	0.002%
28	4.552	4.517	4.572	VV	501487	4794897	31.30%	1.527%
29	4.592	4.572	4.649	VV	553472	5678897	37.07%	1.808%
30	4.665	4.649	4.693	VV	6540	109427	0.71%	0.035%
31	4.713	4.693	4.819	VV	7240	172807	1.13%	0.055%
32	4.833	4.819	4.877	VV	1044	30203	0.20%	0.010%
33	4.891	4.877	5.043	VV	789	56968	0.37%	0.018%
34	5.060	5.043	5.101	VV	544	14163	0.09%	0.005%
35	5.138	5.101	5.146	VV	421	9788	0.06%	0.003%
36	5.152	5.146	5.185	VV	404	8132	0.05%	0.003%

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37	5.219	5.185	5.240	VV	407	10557	0.07%	0.003%
38	5.261	5.240	5.313	VV	380	12445	0.08%	0.004%
39	5.328	5.313	5.341	VV	279	4098	0.03%	0.001%
40	5.373	5.341	5.401	VV	307	7905	0.05%	0.003%
41	5.408	5.401	5.451	VV	193	4924	0.03%	0.002%
42	5.473	5.451	5.519	VV	297	8131	0.05%	0.003%
43	5.530	5.519	5.553	VV	303	4762	0.03%	0.002%
44	5.569	5.553	5.584	VV	281	4313	0.03%	0.001%
45	5.599	5.584	5.667	VV	207	8963	0.06%	0.003%
46	5.692	5.667	5.791	VV	1777	31897	0.21%	0.010%
47	5.811	5.791	5.854	VV	158	4473	0.03%	0.001%
48	5.874	5.854	5.944	VV	316	7114	0.05%	0.002%
49	5.957	5.944	5.970	VV	173	1637	0.01%	0.001%
50	6.000	5.970	6.034	PV	308	6003	0.04%	0.002%
51	6.057	6.034	6.072	VV	132	2180	0.01%	0.001%
52	6.104	6.072	6.148	VV	172	4174	0.03%	0.001%
53	6.174	6.148	6.192	VV	187	2440	0.02%	0.001%
54	6.202	6.192	6.207	PV	144	772	0.01%	0.000%
55	6.219	6.207	6.237	VV	208	2301	0.02%	0.001%
56	6.268	6.237	6.420	PV	558388	6334747	41.35%	2.017%
57	6.430	6.420	6.538	VV	2727	120602	0.79%	0.038%
58	6.544	6.538	6.572	VV	1182	21959	0.14%	0.007%
59	6.615	6.572	6.691	VV	1418	66906	0.44%	0.021%
60	6.725	6.691	6.834	VV	566755	5740677	37.47%	1.828%
61	6.844	6.834	6.861	VV	802	11746	0.08%	0.004%
62	6.876	6.861	6.942	VV	1170	30791	0.20%	0.010%
63	6.951	6.942	6.965	VV	430	5100	0.03%	0.002%
64	7.013	6.965	7.037	VV	444	15232	0.10%	0.005%
65	7.053	7.037	7.077	VV	399	7568	0.05%	0.002%
66	7.087	7.077	7.105	VV	281	3180	0.02%	0.001%
67	7.138	7.105	7.163	VV	297	6332	0.04%	0.002%
68	7.181	7.163	7.202	VV	196	2858	0.02%	0.001%
69	7.276	7.202	7.329	VV	11693	179758	1.17%	0.057%
70	7.368	7.329	7.497	VV	545436	6249090	40.79%	1.990%
71	7.513	7.497	7.545	VV	3481	81983	0.54%	0.026%
72	7.575	7.545	7.629	VV	3414	126295	0.82%	0.040%
73	7.673	7.629	7.699	VV	3491	85474	0.56%	0.027%
74	7.732	7.699	7.748	VV	1031	27107	0.18%	0.009%
75	7.760	7.748	7.821	VV	955	25755	0.17%	0.008%
76	7.852	7.821	7.941	VV	1463	33958	0.22%	0.011%
77	8.201	8.190	8.227	VV	1429	26296	0.17%	0.008%
78	8.248	8.227	8.269	VV	1586	27811	0.18%	0.009%
79	8.305	8.269	8.338	VV	1391	38953	0.25%	0.012%
80	8.346	8.338	8.355	VV	490	4267	0.03%	0.001%
81	8.375	8.355	8.419	VV	1145	21360	0.14%	0.007%
82	8.428	8.419	8.446	VV	397	5120	0.03%	0.002%
83	8.467	8.446	8.491	VV	754	12393	0.08%	0.004%
84	8.560	8.491	8.642	VV	651453	6675638	43.58%	2.125%
85	8.676	8.642	8.848	VV	713704	7709075	50.32%	2.454%
86	8.975	8.948	9.079	VV	731873	7981451	52.10%	2.541%
87	9.095	9.079	9.138	VV	4501	113467	0.74%	0.036%
88	9.148	9.138	9.194	VV	2204	58288	0.38%	0.019%
89	9.208	9.194	9.235	VV	1320	30602	0.20%	0.010%

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90	9.247	9.235	9.265	VV	1209	19696	0.13%	0.006%
91	9.306	9.265	9.358	VV	1658	63435	0.41%	0.020%
92	9.387	9.358	9.431	VV	5334	86887	0.57%	0.028%
93	9.437	9.431	9.454	VV	722	8806	0.06%	0.003%
94	9.478	9.454	9.504	VV	1484	24336	0.16%	0.008%
95	9.519	9.504	9.571	VV	632	15758	0.10%	0.005%
96	9.594	9.571	9.611	VV	500	8531	0.06%	0.003%
97	9.622	9.611	9.658	VV	409	6841	0.04%	0.002%
98	9.684	9.658	9.711	VV	439	8115	0.05%	0.003%
99	9.768	9.711	9.964	PV	693548	8087468	52.79%	2.575%
100	9.988	9.964	10.035	VV	7965	160363	1.05%	0.051%
101	10.061	10.035	10.137	VV	15054	373707	2.44%	0.119%
102	10.171	10.137	10.321	VV	665563	7341771	47.93%	2.337%
103	10.340	10.321	10.370	VV	845	20561	0.13%	0.007%
104	10.396	10.370	10.454	VV	1829	35670	0.23%	0.011%
105	10.472	10.454	10.489	VV	378	6178	0.04%	0.002%
106	10.523	10.489	10.537	VV	1215	22777	0.15%	0.007%
107	10.558	10.537	10.588	VV	2596	42520	0.28%	0.014%
108	10.608	10.588	10.623	VV	612	9910	0.06%	0.003%
109	10.647	10.623	10.678	VV	872	17795	0.12%	0.006%
110	10.705	10.678	10.752	VV	913	15863	0.10%	0.005%
111	10.782	10.752	10.789	PV	136	2507	0.02%	0.001%
112	10.834	10.789	10.861	VV	567	14210	0.09%	0.005%
113	10.910	10.861	10.953	VV	6135	82276	0.54%	0.026%
114	10.996	10.953	11.101	VV	3701	121708	0.79%	0.039%
115	11.182	11.101	11.230	PV	700743	7735653	50.50%	2.463%
116	11.259	11.230	11.399	VV	615351	8146150	53.18%	2.594%
117	11.418	11.399	11.520	VV	7197	213238	1.39%	0.068%
118	11.549	11.520	11.580	VV	2601	70448	0.46%	0.022%
119	11.619	11.580	11.684	VV	655056	7382563	48.19%	2.350%
120	11.706	11.684	11.757	VV	3250	72547	0.47%	0.023%
121	11.777	11.757	11.800	VV	834	17173	0.11%	0.005%
122	11.814	11.800	11.841	VV	637	11370	0.07%	0.004%
123	11.861	11.841	11.884	VV	774	14325	0.09%	0.005%
124	11.942	11.884	11.995	VV	568906	6210887	40.54%	1.977%
125	12.006	11.995	12.030	VV	1820	32148	0.21%	0.010%
126	12.047	12.030	12.086	VV	1840	42643	0.28%	0.014%
127	12.109	12.086	12.134	VV	1316	27247	0.18%	0.009%
128	12.142	12.134	12.161	VV	837	11262	0.07%	0.004%
129	12.179	12.161	12.211	VV	679	14112	0.09%	0.004%
130	12.223	12.211	12.246	VV	439	6340	0.04%	0.002%
131	12.287	12.246	12.319	VV	4926	68211	0.45%	0.022%
132	12.348	12.319	12.371	VV	711	15288	0.10%	0.005%
133	12.388	12.371	12.418	VV	758	12127	0.08%	0.004%
134	12.427	12.418	12.468	VV	252	4172	0.03%	0.001%
135	12.488	12.468	12.526	PV	282	4663	0.03%	0.001%
136	12.550	12.526	12.635	PV	13621	212886	1.39%	0.068%
137	12.660	12.635	12.688	VV	1564	32120	0.21%	0.010%
138	12.698	12.688	12.728	VV	678	11479	0.07%	0.004%
139	12.753	12.728	12.775	VV	1798	22929	0.15%	0.007%
140	12.787	12.775	12.811	VV	246	2400	0.02%	0.001%
141	12.869	12.811	12.880	PV	591	13375	0.09%	0.004%

142	12.932	12.880	12.975	VV	640517	7311426	47.73%	2.328%
143	13.012	12.975	13.162	VV	654195	7926181	51.74%	2.524%
144	13.202	13.162	13.244	VV	7040	114010	0.74%	0.036%
145	13.250	13.244	13.272	VV	533	5498	0.04%	0.002%
146	13.312	13.272	13.349	VV	650097	7768542	50.71%	2.473%
147	13.378	13.349	13.468	VV	357734	4242145	27.69%	1.351%
148	13.480	13.468	13.508	VV	1316	26336	0.17%	0.008%
149	13.545	13.508	13.590	VV	603897	7187347	46.92%	2.288%
150	13.606	13.590	13.628	VV	1045	20090	0.13%	0.006%
151	13.640	13.628	13.691	VV	742	19116	0.12%	0.006%
152	13.708	13.691	13.728	VV	225	2053	0.01%	0.001%
153	13.777	13.728	13.835	PV	695	24582	0.16%	0.008%
154	13.854	13.835	13.874	VV	250	3286	0.02%	0.001%
155	13.891	13.874	13.900	PV	254	2544	0.02%	0.001%
156	13.924	13.900	13.940	VV	894	12134	0.08%	0.004%
157	13.971	13.940	14.004	VV	1845	30946	0.20%	0.010%
158	14.037	14.004	14.052	VV	642	11890	0.08%	0.004%
159	14.084	14.052	14.096	VV	1717	25815	0.17%	0.008%
160	14.133	14.096	14.175	VV	568845	7087758	46.27%	2.257%
161	14.188	14.175	14.232	VV	1615	34690	0.23%	0.011%
162	14.257	14.232	14.295	VV	1086	19791	0.13%	0.006%
163	14.332	14.295	14.387	PV	1653	48254	0.32%	0.015%
164	14.397	14.387	14.411	VV	507	6042	0.04%	0.002%
165	14.433	14.411	14.480	VV	493	10550	0.07%	0.003%
166	14.546	14.480	14.556	PV	1368	37047	0.24%	0.012%
167	14.571	14.556	14.590	VV	1453	21255	0.14%	0.007%
168	14.641	14.590	14.659	VV	1029	30508	0.20%	0.010%
169	14.696	14.659	14.718	VV	3918	54493	0.36%	0.017%
170	14.758	14.718	14.783	VV	1871	39658	0.26%	0.013%
171	14.804	14.783	14.818	VV	918	15045	0.10%	0.005%
172	14.823	14.818	14.873	VV	748	14813	0.10%	0.005%
173	14.900	14.873	14.921	PV	1012	19522	0.13%	0.006%
174	14.949	14.921	15.004	VV	919	32399	0.21%	0.010%
175	15.016	15.004	15.040	VV	538	6225	0.04%	0.002%
176	15.091	15.040	15.119	VV	1306	33376	0.22%	0.011%
177	15.203	15.119	15.219	VV	591823	7310770	47.72%	2.328%
178	15.242	15.219	15.401	VV	1074084	15318737	100.00%	4.877%
179	15.437	15.401	15.470	VV	2456	74803	0.49%	0.024%
180	15.481	15.470	15.527	VV	1511	34391	0.22%	0.011%
181	15.567	15.527	15.588	VV	1026	26090	0.17%	0.008%
182	15.624	15.588	15.724	VV	19385	399229	2.61%	0.127%
183	15.757	15.724	15.793	VV	6027	106881	0.70%	0.034%
184	15.830	15.793	15.867	VV	7074	119855	0.78%	0.038%
185	15.896	15.867	15.914	PV	1026	11789	0.08%	0.004%
186	15.955	15.914	15.971	VV	833	19542	0.13%	0.006%
187	15.978	15.971	16.004	VV	695	11902	0.08%	0.004%
188	16.018	16.004	16.036	VV	752	11237	0.07%	0.004%
189	16.076	16.036	16.103	VV	1556	38719	0.25%	0.012%
190	16.146	16.103	16.178	VV	1770	52789	0.34%	0.017%
191	16.187	16.178	16.201	VV	959	11953	0.08%	0.004%
192	16.266	16.201	16.374	VV	535681	6958042	45.42%	2.215%
193	16.393	16.374	16.411	VV	646	7295	0.05%	0.002%
194	16.465	16.411	16.503	PV	2034	62705	0.41%	0.020%

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195	16.519	16.503	16.538	VV	827	14914	0.10%	0.005%
196	16.587	16.538	16.621	VV	4001	114157	0.75%	0.036%
197	16.642	16.621	16.687	VV	4178	87597	0.57%	0.028%
198	16.702	16.687	16.718	VV	1515	20841	0.14%	0.007%
199	16.774	16.718	16.789	VV	546713	7756266	50.63%	2.469%
200	16.807	16.789	16.944	VV	654782	8407514	54.88%	2.677%
201	16.963	16.944	17.001	VV	2639	65733	0.43%	0.021%
202	17.041	17.001	17.083	VV	4301	108259	0.71%	0.034%
203	17.098	17.083	17.118	VV	2772	39081	0.26%	0.012%
204	17.158	17.118	17.186	VV	549562	7564763	49.38%	2.408%
205	17.216	17.186	17.250	VV	528264	7200268	47.00%	2.292%
206	17.263	17.250	17.331	VV	7515	181510	1.18%	0.058%
207	17.342	17.331	17.354	VV	1207	13141	0.09%	0.004%
208	17.365	17.354	17.374	VV	1003	9373	0.06%	0.003%
209	17.462	17.374	17.486	VV	1163	56820	0.37%	0.018%
210	17.533	17.486	17.563	VV	2002	51730	0.34%	0.016%
211	17.590	17.563	17.621	VV	3491	68829	0.45%	0.022%
212	17.663	17.621	17.718	VV	15103	257025	1.68%	0.082%
213	17.780	17.718	17.811	VV	1960	56539	0.37%	0.018%
214	17.832	17.811	17.864	VV	1194	24866	0.16%	0.008%
215	17.879	17.864	17.916	VV	754	11124	0.07%	0.004%
216	17.994	17.916	18.027	PV	1944	50484	0.33%	0.016%
217	18.108	18.027	18.163	VV	500973	6771286	44.20%	2.156%
218	18.200	18.163	18.215	VV	2779	48773	0.32%	0.016%
219	18.249	18.215	18.321	VV	4371	143484	0.94%	0.046%
220	18.335	18.321	18.348	VV	1630	22194	0.14%	0.007%
221	18.353	18.348	18.367	VV	1759	14117	0.09%	0.004%
222	18.435	18.367	18.444	VV	3930	84413	0.55%	0.027%
223	18.471	18.444	18.500	VV	10019	218338	1.43%	0.070%
224	18.545	18.500	18.559	VV	555464	8404147	54.86%	2.676%
225	18.575	18.559	18.698	VV	617763	9199500	60.05%	2.929%
226	18.707	18.698	18.727	VV	6527	101707	0.66%	0.032%
227	18.745	18.727	18.754	VV	5186	79912	0.52%	0.025%
228	18.803	18.754	18.900	VV	581966	8950636	58.43%	2.850%
229	18.941	18.900	18.981	VV	501962	7018620	45.82%	2.235%
230	19.022	18.981	19.064	VV	10220	371691	2.43%	0.118%
231	19.094	19.064	19.121	VV	6682	203846	1.33%	0.065%
232	19.127	19.121	19.143	VV	5474	66415	0.43%	0.021%
233	19.221	19.143	19.248	VV	6775	355579	2.32%	0.113%
234	19.303	19.248	19.313	VV	14209	351106	2.29%	0.112%
235	19.335	19.313	19.388	VV	24901	595224	3.89%	0.190%
236	19.437	19.388	19.453	VV	8756	300800	1.96%	0.096%
237	19.472	19.453	19.512	VV	10509	314541	2.05%	0.100%
238	19.536	19.512	19.547	VV	8532	172797	1.13%	0.055%
239	19.582	19.547	19.611	VV	13027	407873	2.66%	0.130%
240	19.639	19.611	19.662	VV	9989	296778	1.94%	0.094%
241	19.727	19.662	19.774	VV	475232	7299220	47.65%	2.324%
242	19.796	19.774	19.808	VV	17225	312349	2.04%	0.099%
243	19.834	19.808	19.861	VV	20006	556189	3.63%	0.177%
244	19.877	19.861	19.901	VV	17954	388719	2.54%	0.124%
245	19.912	19.901	19.936	VV	15040	302434	1.97%	0.096%
246	19.961	19.936	19.976	VV	15542	348691	2.28%	0.111%

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247	20.009	19.976	20.034	VV	21538	638148	4.17%	0.203%
248	20.078	20.034	20.131	VV	62220	1799077	11.74%	0.573%
249	20.192	20.131	20.204	VV	20583	881736	5.76%	0.281%
250	20.249	20.204	20.260	VV	21743	699499	4.57%	0.223%
251	20.288	20.260	20.304	VV	23379	592780	3.87%	0.189%
252	20.378	20.304	20.404	VV	26840	1466957	9.58%	0.467%
253	20.468	20.404	20.511	VV	461082	8061239	52.62%	2.567%
254	20.532	20.511	20.563	VV	29514	884505	5.77%	0.282%
255	20.629	20.563	20.661	VV	34689	1840944	12.02%	0.586%
256	20.727	20.661	20.759	VV	33835	1893571	12.36%	0.603%
257	20.773	20.759	20.787	VV	33319	551987	3.60%	0.176%
258	20.826	20.787	20.864	VV	39210	1606748	10.49%	0.512%
259	20.887	20.864	20.968	VV	34747	2032151	13.27%	0.647%
260	20.980	20.968	20.991	VV	30849	422990	2.76%	0.135%
261	21.017	20.991	21.084	VV	31594	1603478	10.47%	0.511%
262	21.122	21.084	21.156	VV	27628	1158447	7.56%	0.369%
263	21.217	21.156	21.264	VV	381048	8007198	52.27%	2.549%
264	21.313	21.264	21.348	VV	26739	1279476	8.35%	0.407%
265	21.356	21.348	21.411	VV	24165	870526	5.68%	0.277%
266	21.421	21.411	21.438	VV	22192	352328	2.30%	0.112%
267	21.489	21.438	21.578	VV	23032	1747328	11.41%	0.556%
268	21.584	21.578	21.607	VV	16917	285154	1.86%	0.091%
269	21.646	21.607	21.734	VV	19476	1261799	8.24%	0.402%
270	21.762	21.734	21.807	VV	14380	607761	3.97%	0.193%
271	21.861	21.807	21.881	VV	14268	618001	4.03%	0.197%
272	21.898	21.881	21.968	VV	14362	676884	4.42%	0.216%
273	21.986	21.968	21.998	VV	12632	216472	1.41%	0.069%
274	22.000	21.998	22.066	VV	12155	439106	2.87%	0.140%
275	22.152	22.066	22.214	VV	284419	7228655	47.19%	2.301%
276	22.238	22.214	22.324	VV	7213	364864	2.38%	0.116%
277	22.334	22.324	22.345	VV	3288	37788	0.25%	0.012%
278	22.373	22.345	22.394	VV	2938	75042	0.49%	0.024%
279	22.427	22.394	22.479	VV	2161	69770	0.46%	0.022%

Sum of corrected areas: 314093679

Aliphatic EPH 112725.M Tue Dec 02 03:57:29 2025

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Diamond			Date Received:	
Client Sample ID:	HD-01-11-26-2025MSD			SDG No.:	Q3740
Lab Sample ID:	Q3732-01MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	86.9
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	41.3		1	1.36	2.30	mg/kg	FE057109.D	12/01/25 21:09	PB170764
Aliphatic C9-C28	Aliphatic C9-C28	75.4		1	1.04	4.60	mg/kg	FE057109.D	12/01/25 21:09	PB170764
Total AliphaticEPH	Total AliphaticEPH	117			2.40	6.90	mg/kg			
Total EPH	Total EPH	117			2.40	6.90	mg/kg			

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Diamond			Date Received:	
Client Sample ID:	HD-01-11-26-2025MSD			SDG No.:	Q3740
Lab Sample ID:	Q3732-01MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	86.9
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	75.4		1	1.04	4.60	mg/kg	12/01/25	PB170764
Aliphatic C28-C40	Aliphatic C28-C40	41.3		1	1.36	2.30	mg/kg	12/01/25	PB170764
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.9			40 - 140	50%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	27.7			40 - 140	55%	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:	Q3732-01MSD	Acq On:	01 Dec 2025 21:09
Client Sample ID:	HD-01-11-26-2025MSD	Operator:	YP\AJ
Data file:	FE057109.D	Misc:	
Instrument:	FID_E	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.201	6.825	27562574	137.363	300	ug/ml
Aliphatic C12-C16	6.826	10.270	45390687	223.404	200	ug/ml
Aliphatic C16-C21	10.271	13.644	54586826	275.252	300	ug/ml
Aliphatic C21-C28	13.645	17.313	69335696	348.864	400	ug/ml
Aliphatic C28-C40	17.314	22.242	107683290	538.686	600	ug/ml
Aliphatic EPH	3.201	22.242	304559073	1520		ug/ml
ortho-Terphenyl (SURR)	11.941	11.941	6077307	27.69		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	4140090	24.88		ug/ml
Aliphatic C9-C28	3.201	17.313	196875783	984.883	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057109.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 21:09
Operator : YP\AJ
Sample : Q3732-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
HD-01-11-26-2025MSD

Integration File: autoint1.e
Quant Time: Dec 02 01:28:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 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)	11.941	6077307	27.694 ug/ml
Spiked Amount	50.000		Recovery =	55.39%
12) S	1-chlorooctadecane (S...	13.378	4140090	24.876 ug/ml
Spiked Amount	50.000		Recovery =	49.75%
	Target Compounds			
1) T	n-Nonane (C9)	3.297	4091845	20.918 ug/ml
2) T	n-Decane (C10)	4.552	4744822	23.459 ug/ml
3) T	A~Naphthalene (C11.7)	6.268	6132970	30.462 ug/ml
4) T	n-Dodecane (C12)	6.724	5636219	27.616 ug/ml
5) T	A~2-methylnaphthalene...	7.368	6009525	31.275 ug/ml
6) T	n-Tetradecane (C14)	8.560	6590576	32.743 ug/ml
7) T	n-Hexadecane (C16)	10.171	7122333	34.730 ug/ml
8) T	n-Octadecane (C18)	11.619	7213852	34.999 ug/ml
10) T	n-Eicosane (C20)	12.933	7214281	36.675 ug/ml
11) T	n-Heneicosane (C21)	13.546	7074379	36.822 ug/ml
13) T	n-Docosane (C22)	14.133	7031734	36.426 ug/ml
14) T	n-Tetracosane (C24)	15.242	15119078	76.337 ug/ml
15) T	n-Hexacosane (C26)	16.266	6841301	34.484 ug/ml
16) T	n-Octacosane (C28)	17.216	6946471	33.803 ug/ml
17) T	n-Tricontane (C30)	18.108	6635092	29.565 ug/ml
18) T	n-Dotriacontane (C32)	18.940	6511112	27.893 ug/ml
19) T	n-Tetratriacontane (C34)	19.726	6469535	30.290 ug/ml
20) T	n-Hexatriacontane (C36)	20.468	6361534	34.178 ug/ml
21) T	n-Octatriacontane (C38)	21.215	6297878	36.339 ug/ml
22) T	n-Tetracontane (C40)	22.150	6506937	38.613 ug/ml

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

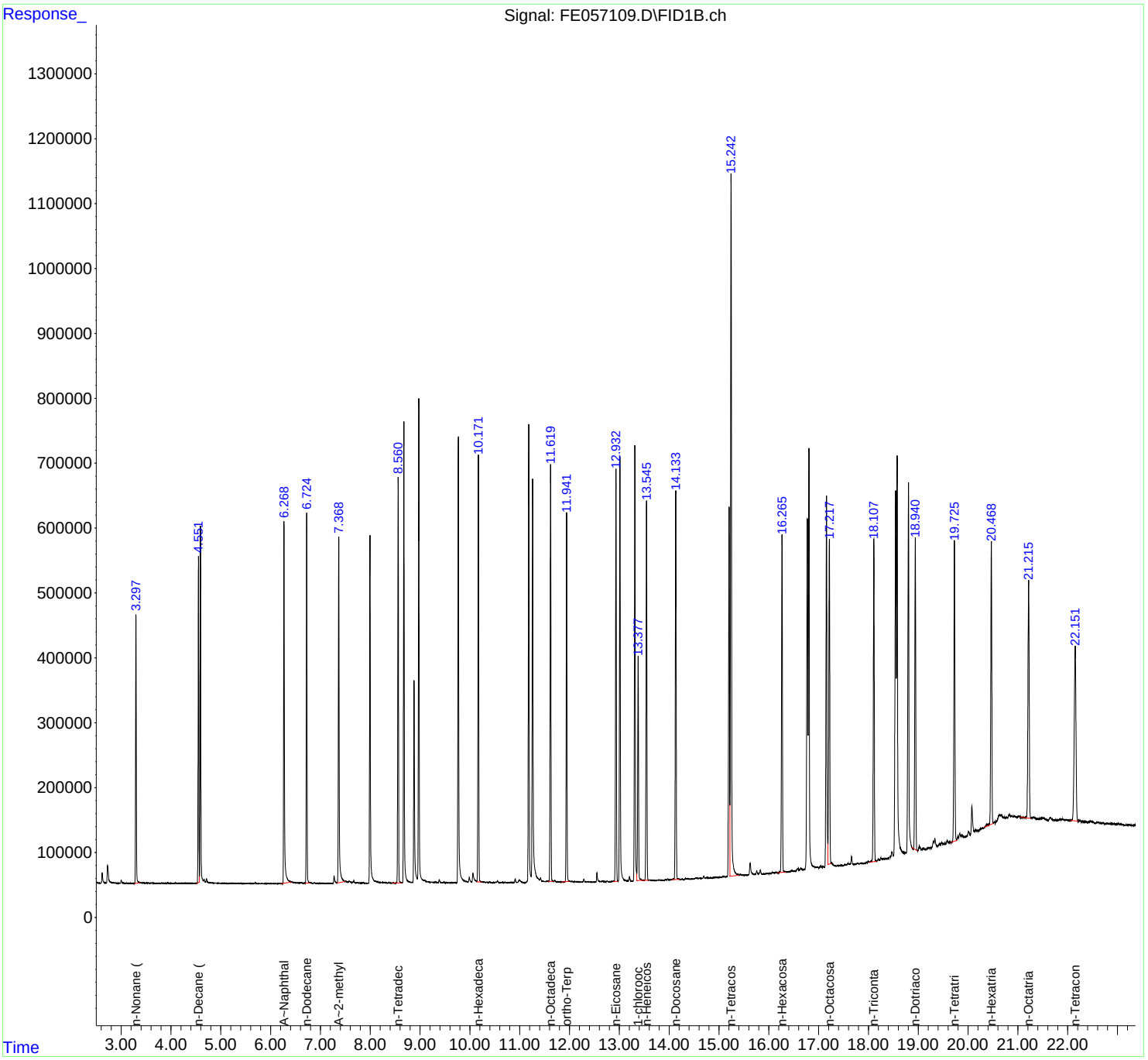
Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057109.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 21:09
Operator : YP\AJ
Sample : Q3732-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
HD-01-11-26-2025MSD

Integration File: autoint1.e
Quant Time: Dec 02 01:28:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 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\FE120125AL\
Data File : FE057109.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 21:09
Sample : Q3732-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.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	2.619	2.541	2.700	BV	15692	204538	1.34%	0.065%
2	2.727	2.700	2.826	VV	26553	498955	3.27%	0.158%
3	2.839	2.826	2.922	VV	600	17923	0.12%	0.006%
4	2.936	2.922	2.978	VV	182	3009	0.02%	0.001%
5	3.002	2.978	3.054	PV	4976	65230	0.43%	0.021%
6	3.081	3.054	3.148	VV	337	8961	0.06%	0.003%
7	3.165	3.148	3.207	VV	278	3347	0.02%	0.001%
8	3.218	3.207	3.246	PV	81	1155	0.01%	0.000%
9	3.297	3.246	3.427	PV	414377	4146286	27.20%	1.311%
10	3.440	3.427	3.490	VV	794	23381	0.15%	0.007%
11	3.506	3.490	3.528	VV	596	11305	0.07%	0.004%
12	3.539	3.528	3.561	VV	574	9249	0.06%	0.003%
13	3.580	3.561	3.591	VV	434	7075	0.05%	0.002%
14	3.611	3.591	3.620	VV	595	7891	0.05%	0.002%
15	3.630	3.620	3.650	VV	518	7751	0.05%	0.002%
16	3.668	3.650	3.723	VV	495	14503	0.10%	0.005%
17	3.744	3.723	3.771	VV	352	8259	0.05%	0.003%
18	3.814	3.771	3.831	VV	432	11810	0.08%	0.004%
19	3.833	3.831	3.871	VV	419	7581	0.05%	0.002%
20	3.885	3.871	3.908	VV	465	8076	0.05%	0.003%
21	3.914	3.908	3.928	VV	395	4356	0.03%	0.001%
22	3.934	3.928	3.961	VV	391	6541	0.04%	0.002%
23	3.987	3.961	4.063	VV	451	21082	0.14%	0.007%
24	4.092	4.063	4.108	VV	616	10901	0.07%	0.003%
25	4.124	4.108	4.154	VV	470	10789	0.07%	0.003%
26	4.161	4.154	4.182	VV	420	6035	0.04%	0.002%
27	4.199	4.182	4.224	VV	569	10073	0.07%	0.003%
28	4.233	4.224	4.255	VV	368	5355	0.04%	0.002%
29	4.266	4.255	4.270	VV	329	2681	0.02%	0.001%
30	4.291	4.270	4.307	VV	603	9384	0.06%	0.003%
31	4.322	4.307	4.344	VV	463	8286	0.05%	0.003%
32	4.351	4.344	4.358	VV	300	2432	0.02%	0.001%
33	4.367	4.358	4.410	VV	344	8954	0.06%	0.003%
34	4.442	4.410	4.471	VV	402	10904	0.07%	0.003%
35	4.501	4.471	4.514	VV	348	7555	0.05%	0.002%
36	4.552	4.514	4.572	VV	500874	4781574	31.37%	1.512%

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37	4.592	4.572	4.650	VV	548838	5650349	37.06%	1.786%
38	4.665	4.650	4.693	VV	6582	108451	0.71%	0.034%
39	4.713	4.693	4.820	VV	7229	173240	1.14%	0.055%
40	4.835	4.820	4.849	VV	1033	16240	0.11%	0.005%
41	4.857	4.849	4.875	VV	837	12535	0.08%	0.004%
42	4.893	4.875	4.937	VV	713	24696	0.16%	0.008%
43	4.959	4.937	5.005	VV	666	22319	0.15%	0.007%
44	5.014	5.005	5.036	VV	522	8630	0.06%	0.003%
45	5.057	5.036	5.197	VV	537	36445	0.24%	0.012%
46	5.209	5.197	5.244	VV	382	8171	0.05%	0.003%
47	5.263	5.244	5.285	VV	355	6449	0.04%	0.002%
48	5.304	5.285	5.315	VV	310	4473	0.03%	0.001%
49	5.322	5.315	5.343	VV	278	3865	0.03%	0.001%
50	5.363	5.343	5.408	VV	227	7905	0.05%	0.002%
51	5.418	5.408	5.451	VV	187	4042	0.03%	0.001%
52	5.470	5.451	5.504	VV	251	5713	0.04%	0.002%
53	5.532	5.504	5.611	VV	329	14762	0.10%	0.005%
54	5.617	5.611	5.666	VV	277	5551	0.04%	0.002%
55	5.692	5.666	5.791	VV	1862	30475	0.20%	0.010%
56	5.814	5.791	5.861	VV	121	4144	0.03%	0.001%
57	5.872	5.861	5.931	VV	241	4851	0.03%	0.002%
58	5.955	5.931	5.974	VV	162	2593	0.02%	0.001%
59	5.997	5.974	6.037	VV	315	6605	0.04%	0.002%
60	6.054	6.037	6.077	VV	148	2564	0.02%	0.001%
61	6.095	6.077	6.145	VV	192	4794	0.03%	0.002%
62	6.174	6.145	6.186	VV	166	2502	0.02%	0.001%
63	6.224	6.186	6.241	PV	194	3441	0.02%	0.001%
64	6.268	6.241	6.420	VV	557940	6292289	41.28%	1.989%
65	6.430	6.420	6.531	VV	2688	114839	0.75%	0.036%
66	6.544	6.531	6.571	VV	1151	25443	0.17%	0.008%
67	6.615	6.571	6.689	VV	1273	62692	0.41%	0.020%
68	6.724	6.689	6.858	VV	571946	5720282	37.52%	1.809%
69	6.877	6.858	6.906	VV	1100	20412	0.13%	0.006%
70	6.915	6.906	6.944	VV	514	9230	0.06%	0.003%
71	6.951	6.944	6.970	VV	397	4934	0.03%	0.002%
72	6.979	6.970	7.000	VV	352	5523	0.04%	0.002%
73	7.016	7.000	7.038	VV	395	7391	0.05%	0.002%
74	7.055	7.038	7.075	VV	418	6722	0.04%	0.002%
75	7.086	7.075	7.111	VV	204	2853	0.02%	0.001%
76	7.138	7.111	7.164	VV	291	4799	0.03%	0.002%
77	7.184	7.164	7.223	VV	183	3458	0.02%	0.001%
78	7.276	7.223	7.331	PV	11473	175793	1.15%	0.056%
79	7.368	7.331	7.496	VV	531684	6190687	40.61%	1.957%
80	7.512	7.496	7.551	VV	3489	89670	0.59%	0.028%
81	7.574	7.551	7.629	VV	3320	115661	0.76%	0.037%
82	7.672	7.629	7.698	VV	3525	83706	0.55%	0.026%
83	7.734	7.698	7.751	VV	984	29121	0.19%	0.009%
84	7.763	7.751	7.828	VV	1021	25575	0.17%	0.008%
85	7.851	7.828	7.944	VV	1470	32904	0.22%	0.010%
86	8.200	8.190	8.228	VV	1492	26797	0.18%	0.008%
87	8.248	8.228	8.270	VV	1676	28439	0.19%	0.009%
88	8.305	8.270	8.339	VV	1436	39705	0.26%	0.013%
89	8.374	8.339	8.403	VV	1101	22220	0.15%	0.007%

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90	8.414	8.403	8.446	VV	417	8878	0.06%	0.003%
91	8.466	8.446	8.486	VV	737	11424	0.07%	0.004%
92	8.499	8.486	8.506	VV	429	4264	0.03%	0.001%
93	8.560	8.506	8.643	VV	626672	6625180	43.46%	2.095%
94	8.675	8.643	8.847	VV	709017	7637573	50.10%	2.415%
95	8.975	8.948	9.078	VV	742706	7911291	51.90%	2.501%
96	9.094	9.078	9.201	VV	4446	178902	1.17%	0.057%
97	9.215	9.201	9.268	VV	1329	46405	0.30%	0.015%
98	9.306	9.268	9.356	VV	1685	60777	0.40%	0.019%
99	9.386	9.356	9.424	VV	5355	86625	0.57%	0.027%
100	9.439	9.424	9.458	VV	865	14197	0.09%	0.004%
101	9.477	9.458	9.501	VV	1493	23043	0.15%	0.007%
102	9.520	9.501	9.571	VV	698	18088	0.12%	0.006%
103	9.593	9.571	9.614	VV	508	10117	0.07%	0.003%
104	9.620	9.614	9.643	VV	421	4941	0.03%	0.002%
105	9.679	9.643	9.709	VV	498	10375	0.07%	0.003%
106	9.768	9.709	9.965	VV	686789	8014593	52.57%	2.534%
107	9.988	9.965	10.036	VV	7921	157723	1.03%	0.050%
108	10.062	10.036	10.137	VV	15090	366412	2.40%	0.116%
109	10.171	10.137	10.320	VV	658912	7274279	47.72%	2.300%
110	10.339	10.320	10.374	VV	896	23808	0.16%	0.008%
111	10.396	10.374	10.459	VV	1780	37125	0.24%	0.012%
112	10.484	10.459	10.493	VV	418	7224	0.05%	0.002%
113	10.525	10.493	10.537	VV	1221	21195	0.14%	0.007%
114	10.557	10.537	10.588	VV	2460	42129	0.28%	0.013%
115	10.609	10.588	10.619	VV	635	8750	0.06%	0.003%
116	10.648	10.619	10.684	VV	896	18913	0.12%	0.006%
117	10.705	10.684	10.760	VV	884	14495	0.10%	0.005%
118	10.837	10.760	10.860	PV	634	17376	0.11%	0.005%
119	10.910	10.860	10.950	VV	6086	83979	0.55%	0.027%
120	10.997	10.950	11.092	VV	3826	126205	0.83%	0.040%
121	11.182	11.092	11.231	PV	694278	7688112	50.43%	2.431%
122	11.259	11.231	11.399	VV	612413	8088462	53.06%	2.557%
123	11.418	11.399	11.518	VV	7327	213408	1.40%	0.067%
124	11.548	11.518	11.580	VV	2617	73175	0.48%	0.023%
125	11.619	11.580	11.678	VV	631562	7312186	47.97%	2.312%
126	11.706	11.678	11.757	VV	3221	79232	0.52%	0.025%
127	11.778	11.757	11.801	VV	847	17740	0.12%	0.006%
128	11.813	11.801	11.844	VV	703	12780	0.08%	0.004%
129	11.861	11.844	11.891	VV	813	15594	0.10%	0.005%
130	11.941	11.891	11.998	VV	572234	6156421	40.38%	1.946%
131	12.007	11.998	12.029	VV	1897	28732	0.19%	0.009%
132	12.047	12.029	12.087	VV	1876	42079	0.28%	0.013%
133	12.108	12.087	12.131	VV	1191	24345	0.16%	0.008%
134	12.142	12.131	12.163	VV	916	14050	0.09%	0.004%
135	12.176	12.163	12.204	VV	744	13690	0.09%	0.004%
136	12.225	12.204	12.244	VV	395	7388	0.05%	0.002%
137	12.287	12.244	12.321	VV	4805	67538	0.44%	0.021%
138	12.350	12.321	12.369	VV	670	14038	0.09%	0.004%
139	12.388	12.369	12.464	VV	688	16692	0.11%	0.005%
140	12.488	12.464	12.527	PV	254	5413	0.04%	0.002%
141	12.550	12.527	12.612	PV	13643	201196	1.32%	0.064%

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142	12.624	12.612	12.638	VV	960	12241	0.08%	0.004%
143	12.658	12.638	12.689	VV	1612	32014	0.21%	0.010%
144	12.701	12.689	12.734	VV	656	11829	0.08%	0.004%
145	12.754	12.734	12.778	VV	1781	22620	0.15%	0.007%
146	12.789	12.778	12.804	VV	249	2199	0.01%	0.001%
147	12.865	12.804	12.881	PV	605	14486	0.10%	0.005%
148	12.933	12.881	12.976	VV	631384	7245367	47.53%	2.291%
149	13.012	12.976	13.161	VV	649047	7872674	51.64%	2.489%
150	13.202	13.161	13.244	VV	7334	116157	0.76%	0.037%
151	13.254	13.244	13.273	VV	519	6244	0.04%	0.002%
152	13.312	13.273	13.350	VV	671596	7719999	50.64%	2.441%
153	13.378	13.350	13.468	VV	346073	4205201	27.58%	1.330%
154	13.481	13.468	13.501	VV	1335	23290	0.15%	0.007%
155	13.546	13.501	13.594	VV	585164	7130407	46.77%	2.254%
156	13.606	13.594	13.694	VV	1028	40250	0.26%	0.013%
157	13.712	13.694	13.741	VV	265	3868	0.03%	0.001%
158	13.780	13.741	13.801	PV	782	18941	0.12%	0.006%
159	13.817	13.801	13.842	VV	617	11919	0.08%	0.004%
160	13.853	13.842	13.871	VV	439	4490	0.03%	0.001%
161	13.894	13.871	13.903	PV	377	4695	0.03%	0.001%
162	13.925	13.903	13.943	VV	963	14393	0.09%	0.005%
163	13.971	13.943	14.005	VV	1809	32403	0.21%	0.010%
164	14.041	14.005	14.054	VV	661	14614	0.10%	0.005%
165	14.085	14.054	14.097	VV	1709	27618	0.18%	0.009%
166	14.133	14.097	14.178	VV	596112	7030808	46.12%	2.223%
167	14.191	14.178	14.234	VV	1693	32326	0.21%	0.010%
168	14.256	14.234	14.294	VV	1069	19220	0.13%	0.006%
169	14.333	14.294	14.390	PV	1768	48560	0.32%	0.015%
170	14.400	14.390	14.414	VV	562	6057	0.04%	0.002%
171	14.428	14.414	14.480	VV	530	10998	0.07%	0.003%
172	14.543	14.480	14.554	PV	1380	36460	0.24%	0.012%
173	14.570	14.554	14.594	VV	1378	24080	0.16%	0.008%
174	14.609	14.594	14.621	VV	820	11197	0.07%	0.004%
175	14.644	14.621	14.664	VV	921	16184	0.11%	0.005%
176	14.695	14.664	14.724	VV	3707	52572	0.34%	0.017%
177	14.758	14.724	14.781	VV	1773	32654	0.21%	0.010%
178	14.827	14.781	14.851	VV	612	19661	0.13%	0.006%
179	14.898	14.851	14.914	PV	891	14484	0.10%	0.005%
180	14.950	14.914	15.000	VV	840	29744	0.20%	0.009%
181	15.014	15.000	15.038	VV	507	5980	0.04%	0.002%
182	15.092	15.038	15.111	PV	1402	31003	0.20%	0.010%
183	15.124	15.111	15.135	VV	582	7235	0.05%	0.002%
184	15.203	15.135	15.219	VV	575489	7287293	47.80%	2.304%
185	15.242	15.219	15.405	VV	1081918	15244645	100.00%	4.820%
186	15.434	15.405	15.473	VV	2284	72900	0.48%	0.023%
187	15.487	15.473	15.521	VV	1420	31088	0.20%	0.010%
188	15.566	15.521	15.581	VV	918	28403	0.19%	0.009%
189	15.624	15.581	15.714	VV	18797	402845	2.64%	0.127%
190	15.758	15.714	15.788	VV	6541	110728	0.73%	0.035%
191	15.830	15.788	15.871	VV	7432	132195	0.87%	0.042%
192	15.895	15.871	15.921	PV	876	13352	0.09%	0.004%
193	15.942	15.921	15.959	VV	889	13453	0.09%	0.004%
194	15.973	15.959	15.989	VV	668	9981	0.07%	0.003%

rteres

195	16.024	15.989	16.041	VV	713	11808	0.08%	0.004%
196	16.077	16.041	16.108	VV	1356	32351	0.21%	0.010%
197	16.150	16.108	16.171	VV	1641	34681	0.23%	0.011%
198	16.186	16.171	16.199	VV	732	9345	0.06%	0.003%
199	16.266	16.199	16.369	VV	525834	6882407	45.15%	2.176%
200	16.459	16.369	16.491	PV	2117	49502	0.32%	0.016%
201	16.503	16.491	16.518	VV	776	10262	0.07%	0.003%
202	16.586	16.518	16.608	VV	3825	96039	0.63%	0.030%
203	16.644	16.608	16.691	VV	3632	90963	0.60%	0.029%
204	16.774	16.691	16.788	VV	543728	7696052	50.48%	2.433%
205	16.806	16.788	16.930	VV	656048	8387722	55.02%	2.652%
206	16.942	16.930	16.964	VV	2936	52559	0.34%	0.017%
207	16.973	16.964	17.002	VV	2292	43832	0.29%	0.014%
208	17.040	17.002	17.080	VV	4309	109700	0.72%	0.035%
209	17.097	17.080	17.121	VV	2656	46385	0.30%	0.015%
210	17.158	17.121	17.186	VV	566522	7533312	49.42%	2.382%
211	17.216	17.186	17.249	VV	505692	7151417	46.91%	2.261%
212	17.263	17.249	17.325	VV	7841	188312	1.24%	0.060%
213	17.334	17.325	17.368	VV	1409	27983	0.18%	0.009%
214	17.401	17.368	17.409	VV	1266	26730	0.18%	0.008%
215	17.463	17.409	17.481	VV	1402	44047	0.29%	0.014%
216	17.543	17.481	17.561	VV	1602	46745	0.31%	0.015%
217	17.591	17.561	17.619	VV	2949	68509	0.45%	0.022%
218	17.663	17.619	17.688	VV	13153	203143	1.33%	0.064%
219	17.700	17.688	17.720	VV	1342	18366	0.12%	0.006%
220	17.778	17.720	17.814	VV	1511	51652	0.34%	0.016%
221	17.842	17.814	17.858	VV	1400	24535	0.16%	0.008%
222	17.867	17.858	17.891	VV	759	10892	0.07%	0.003%
223	17.901	17.891	17.923	VV	411	3283	0.02%	0.001%
224	17.998	17.923	18.019	PV	2154	57745	0.38%	0.018%
225	18.108	18.019	18.168	VV	497368	6685582	43.86%	2.114%
226	18.196	18.168	18.218	VV	2658	53232	0.35%	0.017%
227	18.249	18.218	18.268	VV	4615	82108	0.54%	0.026%
228	18.276	18.268	18.324	VV	2479	65438	0.43%	0.021%
229	18.338	18.324	18.366	VV	2106	38280	0.25%	0.012%
230	18.389	18.366	18.406	VV	1685	33443	0.22%	0.011%
231	18.432	18.406	18.443	VV	3945	63107	0.41%	0.020%
232	18.472	18.443	18.500	VV	10758	243861	1.60%	0.077%
233	18.546	18.500	18.559	VV	559805	8356171	54.81%	2.642%
234	18.576	18.559	18.722	VV	615631	9335229	61.24%	2.951%
235	18.744	18.722	18.754	VV	6188	114481	0.75%	0.036%
236	18.803	18.754	18.899	VV	580340	8938781	58.64%	2.826%
237	18.940	18.899	18.984	VV	488050	6937303	45.51%	2.193%
238	19.020	18.984	19.031	VV	11964	245257	1.61%	0.078%
239	19.037	19.031	19.061	VV	10323	158838	1.04%	0.050%
240	19.096	19.061	19.145	VV	8562	358564	2.35%	0.113%
241	19.217	19.145	19.234	VV	7970	365043	2.39%	0.115%
242	19.302	19.234	19.316	VV	16248	482328	3.16%	0.152%
243	19.334	19.316	19.389	VV	20090	560024	3.67%	0.177%
244	19.437	19.389	19.448	VV	10654	338909	2.22%	0.107%
245	19.470	19.448	19.518	VV	12782	435956	2.86%	0.138%
246	19.581	19.518	19.617	VV	13885	650410	4.27%	0.206%

rteres

247	19.631	19.617	19.660	VV	10830	261750	1.72%	0.083%
248	19.726	19.660	19.770	VV	473984	7185527	47.13%	2.272%
249	19.797	19.770	19.810	VV	16610	353256	2.32%	0.112%
250	19.833	19.810	19.866	VV	21676	624434	4.10%	0.197%
251	19.880	19.866	19.929	VV	18562	618801	4.06%	0.196%
252	20.010	19.929	20.040	VV	21903	1148088	7.53%	0.363%
253	20.077	20.040	20.124	VV	60325	1636347	10.73%	0.517%
254	20.159	20.124	20.194	VV	21883	901268	5.91%	0.285%
255	20.280	20.194	20.309	VV	24446	1558710	10.22%	0.493%
256	20.376	20.309	20.391	VV	28439	1276184	8.37%	0.403%
257	20.467	20.391	20.504	VV	462135	8136748	53.37%	2.573%
258	20.537	20.504	20.547	VV	29517	735562	4.83%	0.233%
259	20.637	20.547	20.649	VV	39350	2130478	13.98%	0.674%
260	20.668	20.649	20.718	VV	38748	1523007	9.99%	0.482%
261	20.731	20.718	20.746	VV	34393	579268	3.80%	0.183%
262	20.768	20.746	20.794	VV	34749	964176	6.32%	0.305%
263	20.827	20.794	20.856	VV	38465	1334925	8.76%	0.422%
264	20.877	20.856	20.900	VV	35647	908989	5.96%	0.287%
265	20.912	20.900	20.927	VV	33599	540101	3.54%	0.171%
266	20.936	20.927	20.975	VV	33368	943090	6.19%	0.298%
267	21.018	20.975	21.051	VV	32820	1446648	9.49%	0.457%
268	21.061	21.051	21.111	VV	30562	1082998	7.10%	0.342%
269	21.117	21.111	21.130	VV	29875	329402	2.16%	0.104%
270	21.142	21.130	21.165	VV	29311	607876	3.99%	0.192%
271	21.215	21.165	21.261	VV	393408	7872689	51.64%	2.489%
272	21.276	21.261	21.284	VV	27050	368250	2.42%	0.116%
273	21.319	21.284	21.381	VV	27445	1507810	9.89%	0.477%
274	21.394	21.381	21.406	VV	23782	351826	2.31%	0.111%
275	21.464	21.406	21.474	VV	23999	968978	6.36%	0.306%
276	21.487	21.474	21.501	VV	24043	382217	2.51%	0.121%
277	21.521	21.501	21.600	VV	23942	1280866	8.40%	0.405%
278	21.650	21.600	21.739	VV	23239	1637480	10.74%	0.518%
279	21.754	21.739	21.768	VV	17306	285866	1.88%	0.090%
280	21.771	21.768	21.783	VV	16613	146751	0.96%	0.046%
281	21.793	21.783	21.804	VV	16469	209107	1.37%	0.066%
282	21.898	21.804	21.949	VV	16930	1412962	9.27%	0.447%
283	21.985	21.949	22.031	VV	14775	699402	4.59%	0.221%
284	22.042	22.031	22.072	VV	13237	320461	2.10%	0.101%
285	22.150	22.072	22.215	VV	279878	7435431	48.77%	2.351%
286	22.233	22.215	22.397	VV	10034	849586	5.57%	0.269%
287	22.448	22.397	22.458	VV	6072	197835	1.30%	0.063%
288	22.489	22.458	22.561	VV	5619	248653	1.63%	0.079%
289	22.591	22.561	22.681	VV	2853	122298	0.80%	0.039%

Sum of corrected areas: 316291443

Aliphatic EPH 112725.M Tue Dec 02 04:03:18 2025

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

Manual Integration Report

Sequence:	FE112725AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
10 PPM ALIPHATIC HC	FE057082.D	n-Tetracosane (C24)	rahul	12/1/2025 9:08:11 AM	mohammad	12/2/2025 12:49:44	Peak Integrated by Software
5 PPM ALIPHATIC HC	FE057083.D	A~2-methylnaphthalene (C12.89)	rahul	12/1/2025 9:08:15 AM	mohammad	12/2/2025 12:49:44	Peak Integrated by Software
5 PPM ALIPHATIC HC	FE057083.D	n-Tetracosane (C24)	rahul	12/1/2025 9:08:15 AM	mohammad	12/2/2025 12:49:44	Peak Integrated by Software

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Manual Integration Report

Sequence:	FE120125AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FE057115.D	n-Tetracontane (C40)	rahul	12/2/2025 8:27:00 AM	mohammad	12/3/2025 12:24:27	Peak Integrated by Software

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 # FE112725AL

Review By	rahul	Review On	11/26/2025 3:46:33 PM		
Supervise By	mohammad	Supervise On	12/2/2025 12:49:44 AM		
SubDirectory	FE112725AL	HP Acquire Method		HP Processing Method	FE112725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE057077.D	27 Nov 2025 11:16	YP\AJ	Ok
2	I.BLK	FE057078.D	27 Nov 2025 11:47	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE057079.D	27 Nov 2025 12:17	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE057080.D	27 Nov 2025 12:47	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FE057081.D	27 Nov 2025 13:17	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE057082.D	27 Nov 2025 13:47	YP\AJ	Ok,M
7	5 PPM ALIPHATIC HC STD5	FE057083.D	27 Nov 2025 14:17	YP\AJ	Ok,M
8	20 PPM ALIPHATIC HC STD ICV	FE057084.D	27 Nov 2025 14:47	YP\AJ	Ok
9	I.BLK	FE057085.D	27 Nov 2025 15:48	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE057086.D	27 Nov 2025 16:18	YP\AJ	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE120125AL

Review By	rahul	Review On	12/1/2025 1:26:12 PM		
Supervise By	mohammad	Supervise On	12/3/2025 12:24:27 AM		
SubDirectory	FE120125AL	HP Acquire Method		HP Processing Method	FE112725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE057088.D	01 Dec 2025 10:06	YP\AJ	Ok
2	I.BLK	FE057089.D	01 Dec 2025 10:36	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE057090.D	01 Dec 2025 11:38	YP\AJ	Ok
4	Q3714-02DL	FE057091.D	01 Dec 2025 12:08	YP\AJ	Ok
5	Q3723-01DL	FE057092.D	01 Dec 2025 12:38	YP\AJ	Ok
6	Q3723-02DL	FE057093.D	01 Dec 2025 13:08	YP\AJ	Ok
7	Q3719-01DL	FE057094.D	01 Dec 2025 13:38	YP\AJ	Ok
8	Q3714-01DL	FE057095.D	01 Dec 2025 14:08	YP\AJ	Ok
9	I.BLK	FE057096.D	01 Dec 2025 14:38	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE057097.D	01 Dec 2025 15:08	YP\AJ	Ok
11	PB170764BL	FE057098.D	01 Dec 2025 15:38	YP\AJ	Ok
12	PB170764BS	FE057099.D	01 Dec 2025 16:08	YP\AJ	Ok
13	PB170764BSD	FE057100.D	01 Dec 2025 16:39	YP\AJ	Ok
14	Q3719-06RE	FE057101.D	01 Dec 2025 17:09	YP\AJ	Confirms
15	Q3719-12RE	FE057102.D	01 Dec 2025 17:39	YP\AJ	Confirms
16	Q3719-13RE	FE057103.D	01 Dec 2025 18:09	YP\AJ	Confirms
17	Q3719-14RE	FE057104.D	01 Dec 2025 18:39	YP\AJ	Confirms
18	Q3725-04	FE057105.D	01 Dec 2025 19:09	YP\AJ	Ok
19	Q3732-01	FE057106.D	01 Dec 2025 19:39	YP\AJ	Ok
20	Q3732-01D	FE057107.D	01 Dec 2025 20:09	YP\AJ	Ok
21	Q3732-01MS	FE057108.D	01 Dec 2025 20:39	YP\AJ	Ok

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Fax : 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE120125AL

Review By	rahul	Review On	12/1/2025 1:26:12 PM		
Supervise By	mohammad	Supervise On	12/3/2025 12:24:27 AM		
SubDirectory	FE120125AL	HP Acquire Method		HP Processing Method	FE112725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3732-01MSD	FE057109.D	01 Dec 2025 21:09	YP\AJ	Ok
23	Q3732-02	FE057110.D	01 Dec 2025 21:39	YP\AJ	Ok
24	Q3733-01	FE057111.D	01 Dec 2025 22:09	YP\AJ	Dilution
25	Q3733-02	FE057112.D	01 Dec 2025 22:39	YP\AJ	Dilution
26	Q3740-01	FE057113.D	01 Dec 2025 23:09	YP\AJ	Ok
27	I.BLK	FE057114.D	02 Dec 2025 00:10	YP\AJ	Ok
28	20 PPM ALIPHATIC HC STD	FE057115.D	02 Dec 2025 00:40	YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE112725AL

Review By	rahul	Review On	11/26/2025 3:46:33 PM		
Supervise By	mohammad	Supervise On	12/2/2025 12:49:44 AM		
SubDirectory	FE112725AL	HP Acquire Method		HP Processing Method	FE112725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE057077.D	27 Nov 2025 11:16		YP\AJ	Ok
2	I.BLK	I.BLK	FE057078.D	27 Nov 2025 11:47		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FE057079.D	27 Nov 2025 12:17		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE057080.D	27 Nov 2025 12:47		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057081.D	27 Nov 2025 13:17		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE057082.D	27 Nov 2025 13:47		YP\AJ	Ok,M
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE057083.D	27 Nov 2025 14:17		YP\AJ	Ok,M
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057084.D	27 Nov 2025 14:47		YP\AJ	Ok
9	I.BLK	I.BLK	FE057085.D	27 Nov 2025 15:48		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057086.D	27 Nov 2025 16:18		YP\AJ	Ok

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 # FE120125AL

Review By	rahul	Review On	12/1/2025 1:26:12 PM		
Supervise By	mohammad	Supervise On	12/3/2025 12:24:27 AM		
SubDirectory	FE120125AL	HP Acquire Method		HP Processing Method	FE112725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE057088.D	01 Dec 2025 10:06		YP\AJ	Ok
2	I.BLK	I.BLK	FE057089.D	01 Dec 2025 10:36		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057090.D	01 Dec 2025 11:38		YP\AJ	Ok
4	Q3714-02DL	OR-03-11-24-2025DL	FE057091.D	01 Dec 2025 12:08		YP\AJ	Ok
5	Q3723-01DL	CC-1-112525DL	FE057092.D	01 Dec 2025 12:38		YP\AJ	Ok
6	Q3723-02DL	CC-1-112525-E2DL	FE057093.D	01 Dec 2025 13:08		YP\AJ	Ok
7	Q3719-01DL	SB-1125-10ADL	FE057094.D	01 Dec 2025 13:38		YP\AJ	Ok
8	Q3714-01DL	OR-03-11-24-2025DL	FE057095.D	01 Dec 2025 14:08		YP\AJ	Ok
9	I.BLK	I.BLK	FE057096.D	01 Dec 2025 14:38		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057097.D	01 Dec 2025 15:08		YP\AJ	Ok
11	PB170764BL	PB170764BL	FE057098.D	01 Dec 2025 15:38		YP\AJ	Ok
12	PB170764BS	PB170764BS	FE057099.D	01 Dec 2025 16:08		YP\AJ	Ok
13	PB170764BSD	PB170764BSD	FE057100.D	01 Dec 2025 16:39		YP\AJ	Ok
14	Q3719-06RE	SB-1125-12BRE	FE057101.D	01 Dec 2025 17:09	Surrogate Fail	YP\AJ	Confirms
15	Q3719-12RE	SB-1125-16BRE	FE057102.D	01 Dec 2025 17:39	Surrogate Fail	YP\AJ	Confirms
16	Q3719-13RE	SB-1125-17ARE	FE057103.D	01 Dec 2025 18:09	Surrogate Fail	YP\AJ	Confirms
17	Q3719-14RE	SB-1125-17BRE	FE057104.D	01 Dec 2025 18:39	Surrogate Fail	YP\AJ	Confirms
18	Q3725-04	STOCKPILE-SAMPLES	FE057105.D	01 Dec 2025 19:09		YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE120125AL

Review By	rahul	Review On	12/1/2025 1:26:12 PM		
Supervise By	mohammad	Supervise On	12/3/2025 12:24:27 AM		
SubDirectory	FE120125AL	HP Acquire Method		HP Processing Method	FE112725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3732-01	HD-01-11-26-2025	FE057106.D	01 Dec 2025 19:39		YP\AJ	Ok
20	Q3732-01D	Q3732-01D	FE057107.D	01 Dec 2025 20:09		YP\AJ	Ok
21	Q3732-01MS	HD-01-11-26-2025MS	FE057108.D	01 Dec 2025 20:39	FE057106.D	YP\AJ	Ok
22	Q3732-01MSD	HD-01-11-26-2025MSD	FE057109.D	01 Dec 2025 21:09	FE057106.D!FE057108.D	YP\AJ	Ok
23	Q3732-02	HD-01-11-26-2025-E2	FE057110.D	01 Dec 2025 21:39		YP\AJ	Ok
24	Q3733-01	SU-04-11-26-2025	FE057111.D	01 Dec 2025 22:09	Need 2X	YP\AJ	Dilution
25	Q3733-02	SU-04-11-26-2025-E2	FE057112.D	01 Dec 2025 22:39	Need 5X	YP\AJ	Dilution
26	Q3740-01	WC1	FE057113.D	01 Dec 2025 23:09		YP\AJ	Ok
27	I.BLK	I.BLK	FE057114.D	02 Dec 2025 00:10		YP\AJ	Ok
28	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057115.D	02 Dec 2025 00:40		YP\AJ	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/1/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:40
In Date: 11/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 11/27/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB138050

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
Q3720-01	BUR-25-0059	1	1.14	10.41	11.55	11.09	95.6	
Q3725-01	STOCKPILE-SAMPLES	7	1.11	10.65	11.76	9.99	83.4	
Q3725-02	STOCKPILE-SAMPLES	2	1.11	10.65	11.76	9.99	83.4	
Q3725-04	STOCKPILE-SAMPLES	8	1.11	10.65	11.76	9.99	83.4	
Q3732-01	HD-01-11-26-2025	3	1.15	10.76	11.91	10.5	86.9	
Q3732-02	HD-01-11-26-2025-E2	4	1.11	10.73	11.84	9.82	81.2	
Q3733-01	SU-04-11-26-2025	5	1.15	10.59	11.74	10.84	91.5	
Q3733-02	SU-04-11-26-2025-E2	6	1.16	10.67	11.83	10.67	89.1	
Q3735-01	BU-3-112625	9	1.14	10.63	11.77	10.22	85.4	
Q3736-01	D1	10	1.19	10.63	11.82	10.08	83.6	
Q3739-01	GSB1A	11	1.16	10.88	12.04	11.00	90.4	
Q3739-02	GSB1B	12	1.13	10.38	11.51	10.32	88.5	
Q3739-03	GSB2A	13	1.16	10.47	11.63	10.03	84.7	
Q3739-04	GSB2B	14	1.18	10.67	11.85	10.41	86.5	
Q3740-01	WC1	15	1.13	11.45	12.58	11.44	90.0	

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

WORKLIST(Hardcopy Internal Chain)

JB 138050

WorkList Name : %1-112625 **WorkList ID :** 193363 **Department :** Wet-Chemistry **Date :** 11-26-2025 13:02:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3720-01	BUR-25-0059	Solid	Percent Solids	Cool 4 deg C	PSEG03	E42	11/25/2025	Chemtech -SO
~~Q3725-01~~	~~STOCKPILE-SAMPLES~~	~~Solid~~	~~Percent Solids~~	~~Cool 4 deg C~~	~~ROMA02~~	~~D41~~	~~11/25/2025~~	~~Chemtech -SO~~
~~Q3725-02~~	~~STOCKPILE-SAMPLES~~	~~Solid~~	~~Percent Solids~~	~~Cool 4 deg C~~	~~ROMA02~~	~~D41~~	~~11/25/2025~~	~~Chemtech -SO~~
Q3725-04	STOCKPILE-SAMPLES	Solid	Percent Solids	Cool 4 deg C	ROMA02	D41	11/25/2025	Chemtech -SO
Q3732-01	HD-01-11-26-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	--Sele	11/26/2025	Chemtech -SO
Q3732-02	HD-01-11-26-2025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	A12	11/26/2025	Chemtech -SO
Q3733-01	SU-04-11-26-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	--Sele	11/26/2025	Chemtech -SO
Q3733-02	SU-04-11-26-2025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	11/26/2025	Chemtech -SO
Q3735-01	BU-3-112625	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	11/26/2025	Chemtech -SO
Q3736-01	D1	Solid	Percent Solids	Cool 4 deg C	JPCL01	A11	11/26/2025	Chemtech -SO
Q3739-01	GSB1A	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO
Q3739-02	GSB1B	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO
Q3739-03	GSB2A	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO
Q3739-04	GSB2B	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO
Q3740-01	WC1	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO

JB 12/01/25

JB 12/01/25

Date/Time 11.26.25 15:30

Raw Sample Received by: JB WC

Raw Sample Relinquished by:

Date/Time 11-26-25 18:00

Raw Sample Received by:

Raw Sample Relinquished by: JB WC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170764

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 12/01/2025

Extraction Start Time : 09:20

Extraction End Date : 12/01/2025

Extraction End Time : 13:20

Concentration By: EH

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	PP25005
Surrogate	1.0ML	100 PPM	PP25012
Fractionation Surrogate	1.0ML	100 PPM	PP24994
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	EP2659
Baked Na2SO4	N/A	EP2663
Sand	N/A	E3951
Hexane	N/A	E3988
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

KD Bath Temperature: N/A

Envap ID: N-EVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/1/25	RS (Ext Lab)	R. Post/PCB Lab
13:25	**Preparation Group**	**Analysis Group**

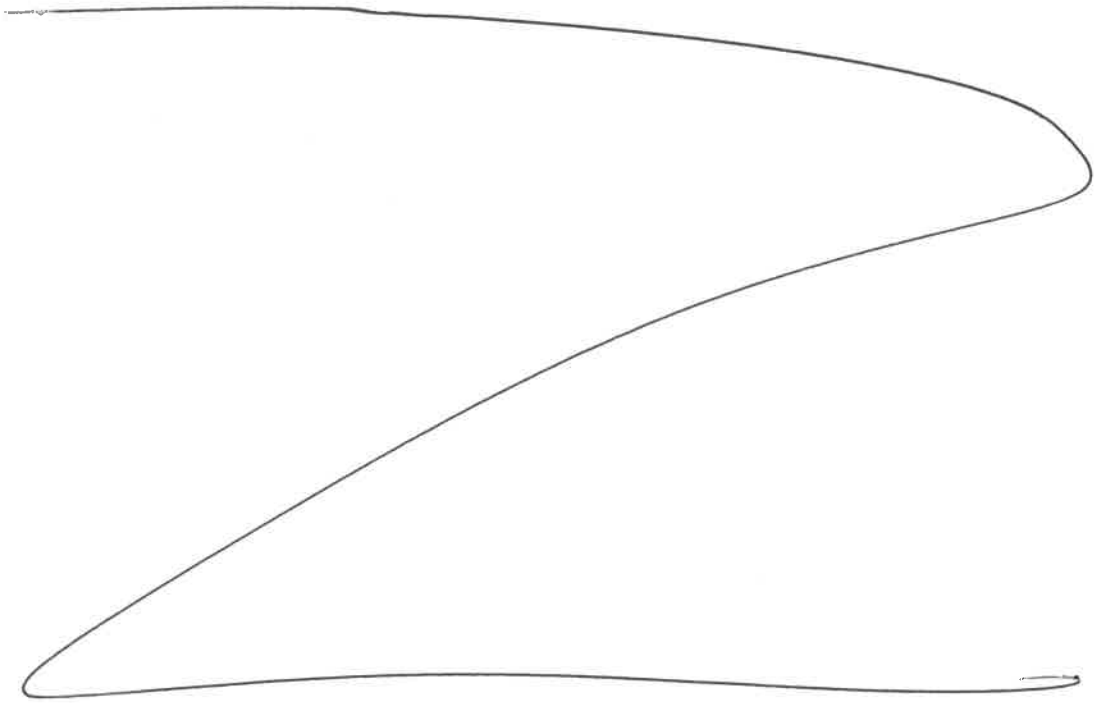
Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170764

Analytical Method: M3541-ASE Extraction-15 **Concentration Date:** 12/01/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170764BL	PB170764BL	EPH_NF	30.01	N/A	ritesh	Evelyn	2			U1-1
PB170764BS	PB170764BS	EPH_NF	30.03	N/A	ritesh	Evelyn	2			2
PB170764BSD	PB170764BSD	EPH_NF	30.02	N/A	ritesh	Evelyn	2			3
Q3725-04	STOCKPILE-SAMPLES	EPH_NF	30.04	N/A	ritesh	Evelyn	2	E		4
Q3732-01	HD-01-11-26-2025	EPH_NF	30.08	N/A	ritesh	Evelyn	2	E		5
Q3732-01DUP	HD-01-11-26-2025DUP	EPH_NF	30.03	N/A	ritesh	Evelyn	2	E		6
Q3732-01MS	HD-01-11-26-2025MS	EPH_NF	30.05	N/A	ritesh	Evelyn	2	E		U2-1
Q3732-01MSD	HD-01-11-26-2025MSD	EPH_NF	30.02	N/A	ritesh	Evelyn	2	E		2
Q3732-02	HD-01-11-26-2025-E2	EPH_NF	30.07	N/A	ritesh	Evelyn	2			3
Q3733-01	SU-04-11-26-2025	EPH_NF	30.06	N/A	ritesh	Evelyn	2	E		4
Q3733-02	SU-04-11-26-2025-E2	EPH_NF	30.01	N/A	ritesh	Evelyn	2			5
Q3740-01	WC1	EPH_NF	30.05	N/A	ritesh	Evelyn	2	B		6



12/1

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

170764
9-20

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3735NF **WorkList ID :** 193390 **Department :** Extraction **Date :** 12-01-2025 08:45:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3725-04	STOCKPILE-SAMPLES	Solid	EPH_NF	Cool 4 deg C	ROMA02	D41	11/25/2025	NJEPH
Q3732-01	HD-01-11-26-2025	Solid	EPH_NF	Cool 4 deg C	PSEG05	A11	11/26/2025	NJEPH
Q3732-02	HD-01-11-26-2025-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	A12	11/26/2025	NJEPH
Q3733-01	SU-04-11-26-2025	Solid	EPH_NF	Cool 4 deg C	PSEG05	A11	11/26/2025	NJEPH
Q3733-02	SU-04-11-26-2025-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	A11	11/26/2025	NJEPH
Q3740-01	WC1	Solid	EPH_NF	Cool 4 deg C	GENV01	A11	11/26/2025	NJEPH

Date/Time 12/1/25 9:15
Raw Sample Received by: RJ (EXHale)
Raw Sample Relinquished by: CP SM

Date/Time 12/1/25 9:35
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (EXHale)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q 3740
COC Number 2047989

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: ~~[illegible]~~ GeoPInc
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Diamond
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: GeoP Inc PO#:
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) X NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
X EDD FORMAT Hazsite, excel

ANALYSIS

1: VOC 2: BNA'S 3: TCLP Metals RCRA Cyanide 4: PCB's 5: pH, Ignitability 6: EPH 7: Hex Chrome 8: 9:

PRESERVATIVES

← Ice

COMMENTS

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

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9
1.	WC1	So.	X		11/26/25	1345	3	X	X	X	X	X	X	X	X	
2.																
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	11/26/25 1442	1.
2.	DATE/TIME:	2.
3.	DATE/TIME:	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 1.6 °C
Comments: Ice

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3740 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 11/26/2025 4:30:00 PM
Project Name : ~~Dimond~~ Diamond
Receive DateTime : 11/26/2025 2:42:00 PM
Purchase Order :

Project Mgr :
Report Type : ~~Level I~~ NJ Reduced
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3740-01	WC1	Solid	11/19/2025	13:15					
					VOC-TCLVOA-10		8260C		10 Bus. Days

Relinguished By :
Date / Time : 11/26/25 1648

Received By :
Date / Time : 11/01/25 8:30
Storage Area : VOA Refridgerator Room

R46
R2