

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 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

LAB CHRONICLE

OrderID:	Q3742	OrderDate:	12/1/2025 9:06:00 AM
Client:	Remington & Vernick	Project:	Saddler Property
Contact:	Justin Zarzecki	Location:	--Select--,A21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3742-01	SB-1125-23	SOIL			11/25/25			11/26/25
			PCB	8082A		12/02/25	12/02/25	
			Pesticide-TCL	8081B		12/02/25	12/02/25	
			EPH_NF	NJEPH		12/02/25	12/02/25	
Q3742-02	SB-1125-19	SOIL			11/25/25			11/26/25
			PCB	8082A		12/02/25	12/02/25	
			Pesticide-TCL	8081B		12/02/25	12/02/25	
			EPH_NF	NJEPH		12/02/25	12/02/25	
Q3742-03	SB-1125-8	SOIL			11/25/25			11/26/25
			PCB	8082A		12/02/25	12/02/25	
			Pesticide-TCL	8081B		12/02/25	12/02/25	
			EPH_F2	NJEPH		12/04/25	12/04/25	
Q3742-04	SB-1125-9	SOIL			11/25/25			11/26/25
			PCB	8082A		12/02/25	12/02/25	
			Pesticide-TCL	8081B		12/02/25	12/02/25	
			EPH_F2	NJEPH		12/04/25	12/04/25	
Q3742-05	SB-1125-21	SOIL			11/25/25			11/26/25
			PCB	8082A		12/02/25	12/02/25	
			Pesticide-TCL	8081B		12/02/25	12/02/25	
			EPH_NF	NJEPH		12/02/25	12/02/25	
Q3742-06	SB-1125-13	SOIL			11/25/25			11/26/25
			PCB	8082A		12/02/25	12/02/25	
			Pesticide-TCL	8081B		12/02/25	12/02/25	
			EPH_NF	NJEPH		12/02/25	12/02/25	
Q3742-07	SB-1125-18	SOIL			11/25/25			11/26/25
			PCB	8082A		12/02/25	12/02/25	

LAB CHRONICLE

			Pesticide-TCL	8081B	12/02/25	12/02/25	
			EPH_NF	NJEPH	12/02/25	12/02/25	
Q3742-08	SB-1125-20	SOIL			11/25/25		11/26/25
			PCB	8082A	12/02/25	12/02/25	
			Pesticide-TCL	8081B	12/02/25	12/02/25	
			EPH_NF	NJEPH	12/02/25	12/02/25	
Q3742-09	SB-1125-22	SOIL			11/25/25		11/26/25
			PCB	8082A	12/02/25	12/02/25	
			Pesticide-TCL	8081B	12/02/25	12/02/25	
			EPH_NF	NJEPH	12/02/25	12/02/25	
Q3742-10	SB-1125-2	SOIL			11/25/25		11/26/25
			PCB	8082A	12/02/25	12/02/25	
			Pesticide-TCL	8081B	12/02/25	12/02/25	
			EPH_NF	NJEPH	12/02/25	12/02/25	
Q3742-11	SB-1125-3A	Solid			11/25/25		11/26/25
			EPH_F2	NJEPH	12/04/25	12/05/25	
Q3742-12	SB-1125-3B	Solid			11/25/25		11/26/25
			EPH_F2	NJEPH	12/04/25	12/05/25	
Q3742-13	SB-1125-3C	Solid			11/25/25		11/26/25
			EPH_F2	NJEPH	12/04/25	12/05/25	
			EPH_F2	NJEPH	12/04/25	12/09/25	
Q3742-14	SB-1125-3D	Solid			11/25/25		11/26/25
			EPH_F2	NJEPH	12/04/25	12/05/25	
Q3742-15	SB-1125-3E	Solid			11/25/25		11/26/25
			EPH_F2	NJEPH	12/04/25	12/05/25	
Q3742-16	SB-1125-1	SOIL			11/25/25		11/26/25
			PCB	8082A	12/02/25	12/02/25	
			Pesticide-TCL	8081B	12/02/25	12/02/25	
			EPH_NF	NJEPH	12/02/25	12/02/25	
Q3742-17	SB-1125-25	SOIL			11/25/25		11/26/25
			PCB	8082A	12/02/25	12/02/25	
			Pesticide-TCL	8081B	12/02/25	12/02/25	

LAB CHRONICLE

Q3742-18	SB-1125-24	SOIL	EPH_NF	NJEPH	12/02/25	12/02/25	11/25/25	11/26/25
			PCB	8082A	12/02/25	12/02/25		
			Pesticide-TCL	8081B	12/02/25	12/02/25		
			EPH_NF	NJEPH	12/02/25	12/02/25		



QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: REMI01
Lab Code: ACE SDG No.: Q3742
Run Number: FE120425AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB170826BL	54	66		0
PB170826BS	62	66		0
PB170826BSD	61	66		0
SB-1125-8	40	49		0
SB-1125-9	46	56		0
SB-1125-3A	41	50		0
SB-1125-3B	41	48		0
SB-1125-3D	37 *	46		1
SB-1125-3DMS	38 *	40 *		2
SB-1125-3DMSD	40	42		0
SB-1125-3E	54	63		0

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

ortho-Terphenyl (SURR)

(40-140)

Column to be used to flag recovery values

* Values outside of contract required QC Limits

D Surrogate diluted out

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

SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3742</u>
Sample No :	<u>Q3742-14MS</u>	Datafile:	<u>FE057182.D</u>
		Client ID :	<u>SB-1125-3DMS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	42.5	18.7	34.8	38	*	(40-140)
Aliphatic C9-C28	141.5	1.60	107	74		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	4.7	0.0028	3.5299	75		(40-140)
n-Decane (C10)	4.7	0.0047	3.4743	74		(40-140)
Naphthalene (C11.7)	4.7	0.0127	4.1319	88		(40-140)
n-Dodecane (C12)	4.7	0.0024	3.6246	77		(40-140)
2-methylnaphthalene (C12.89)	4.7	0.0013	3.9118	83		(40-140)
n-Tetradecane (C14)	4.7	0.0107	3.6436	77		(40-140)
n-Hexadecane (C16)	4.7	0.0000	3.6070	77		(40-140)
n-Octadecane (C18)	4.7	0.0062	3.5237	75		(40-140)
n-Eicosane (C20)	4.7	0.0112	3.6131	77		(40-140)
n-Heneicosane (C21)	4.7	0.0280	3.6805	78		(40-140)
n-Docosane (C22)	4.7	0.0342	3.6009	76		(40-140)
n-Tetracosane (C24)	9.4	0.0585	11.6420	123		(40-140)
n-Hexacosane (C26)	4.7	0.0253	3.4635	73		(40-140)
n-Octacosane (C28)	4.7	0.0570	3.8628	81		(40-140)
n-Tricontane (C30)	4.7	0.1056	2.9753	61		(40-140)
n-Dotriacontane (C32)	4.7	0.2117	2.9760	59		(40-140)
n-Tetratriacontane (C34)	4.7	0.3141	2.7712	52		(40-140)
n-Hexatriacontane (C36)	4.7	0.5833	2.8810	49		(40-140)
n-Octatriacontane (C38)	4.7	1.7362	3.0231	27	*	(40-140)
n-Tetracontane (C40)	4.7	1.6340	2.7632	24	*	(40-140)

SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3742</u>
Sample No :	<u>Q3742-14MSD</u>	Datafile:	<u>FE057183.D</u>
		Client ID :	<u>SB-1125-3DMSD</u>

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	42.4	18.7	36.1	41		7.86 (40-140) 50
Aliphatic C9-C28	141.4	1.60	103	72		3 (40-140) 50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%) QC Limit Of RPD
n-Nonane (C9)	4.7	0.0028	3.3847	72		4.08 (40-140) 50
n-Decane (C10)	4.7	0.0047	3.3340	71		4.14 (40-140) 50
Naphthalene (C11.7)	4.7	0.0127	3.9634	84		4.65 (40-140) 50
n-Dodecane (C12)	4.7	0.0024	3.5373	75		2.63 (40-140) 50
2-methylnaphthalene (C12.89)	4.7	0.0013	3.7538	80		3.68 (40-140) 50
n-Tetradecane (C14)	4.7	0.0107	3.5072	74		3.97 (40-140) 50
n-Hexadecane (C16)	4.7	0.0000	3.4828	74		3.97 (40-140) 50
n-Octadecane (C18)	4.7	0.0062	3.4118	72		4.08 (40-140) 50
n-Eicosane (C20)	4.7	0.0112	3.5117	74		3.97 (40-140) 50
n-Heneicosane (C21)	4.7	0.0280	3.5789	76		2.6 (40-140) 50
n-Docosane (C22)	4.7	0.0342	3.5243	74		2.67 (40-140) 50
n-Tetracosane (C24)	9.4	0.0585	11.4039	121		1.64 (40-140) 50
n-Hexacosane (C26)	4.7	0.0253	3.3821	71		2.78 (40-140) 50
n-Octacosane (C28)	4.7	0.0570	3.7888	79		2.5 (40-140) 50
n-Tricontane (C30)	4.7	0.1056	2.9276	60		1.65 (40-140) 50
n-Dotriacontane (C32)	4.7	0.2117	2.9819	59		0 (40-140) 50
n-Tetratriacontane (C34)	4.7	0.3141	2.9039	55		5.61 (40-140) 50
n-Hexatriacontane (C36)	4.7	0.5833	3.1813	55		11.54 (40-140) 50
n-Octatriacontane (C38)	4.7	1.7362	3.4757	37	*	31.25 (40-140) 50
n-Tetracontane (C40)	4.7	1.6340	3.3436	36	*	40 (40-140) 50

SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3742</u>
Sample No :	<u>PB170826BS</u>	Datafile:	<u>FE057174.D</u>
		Client ID :	<u>PB170826BS</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	30.0	24.0	80		(40-140)
Aliphatic C9-C28	100.1	84.4	85		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
n-Hexacosane (C26)	3.3	2.80555	85		(40-140)
n-Octacosane (C28)	3.3	3.04123	92		(40-140)
n-Tricontane (C30)	3.3	2.47425	75		(40-140)
n-Dotriacontane (C32)	3.3	2.23996	68		(40-140)
n-Tetratriacontane (C34)	3.3	2.31495	70		(40-140)
n-Hexatriacontane (C36)	3.3	2.17350	66		(40-140)
n-Octatriacontane (C38)	3.3	1.89911	58		(40-140)
n-Tetracontane (C40)	3.3	1.70009	52		(40-140)
n-Nonane (C9)	3.3	2.58808	78		(40-140)
n-Decane (C10)	3.3	2.69005	82		(40-140)
Naphthalene (C11.7)	3.3	3.29315	100		(40-140)
n-Dodecane (C12)	3.3	2.85475	87		(40-140)
2-methylnaphthalene (C12.89)	3.3	3.03875	92		(40-140)
n-Tetradecane (C14)	3.3	2.92313	89		(40-140)
n-Hexadecane (C16)	3.3	2.81115	85		(40-140)
n-Octadecane (C18)	3.3	2.78074	84		(40-140)
n-Eicosane (C20)	3.3	2.91624	88		(40-140)
n-Heneicosane (C21)	3.3	2.94216	89		(40-140)
n-Docosane (C22)	3.3	2.89597	88		(40-140)
n-Tetracosane (C24)	6.7	6.36099	95		(40-140)

SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick
Lab Code: ACE **SDG No:** Q3742
Sample No : PB170826BSD **Datafile:** FE057175.D **Client ID :** PB170826BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%) QC Limit Of RPD
Aliphatic C28-C40	30.0	27.8	93		14 (40-140) 25
Aliphatic C9-C28	99.9	81.4	82		3.4 (40-140) 25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS(%) QC Limit Of RPD
n-Nonane (C9)	3.3	2.56885	78		0 (40-140) 25
n-Decane (C10)	3.3	2.65895	81		1.23 (40-140) 25
Naphthalene (C11.7)	3.3	3.24247	98		2.02 (40-140) 25
n-Dodecane (C12)	3.3	2.81125	85		2.33 (40-140) 25
2-methylnaphthalene (C12.89)	3.3	2.98126	90		2.2 (40-140) 25
n-Tetradecane (C14)	3.3	2.87687	87		2.27 (40-140) 25
n-Hexadecane (C16)	3.3	2.76584	84		1.18 (40-140) 25
n-Octadecane (C18)	3.3	2.73782	83		1.2 (40-140) 25
n-Eicosane (C20)	3.3	2.87014	87		1.14 (40-140) 25
n-Heneicosane (C21)	3.3	2.89344	88		1.13 (40-140) 25
n-Docosane (C22)	3.3	2.84663	86		2.3 (40-140) 25
n-Tetracosane (C24)	6.7	6.24947	93		2.13 (40-140) 25
n-Hexacosane (C26)	3.3	2.75483	83		2.38 (40-140) 25
n-Octacosane (C28)	3.3	3.02466	92		0 (40-140) 25
n-Tricontane (C30)	3.3	2.53477	77		2.63 (40-140) 25
n-Dotriacontane (C32)	3.3	2.46873	75		9.79 (40-140) 25
n-Tetratriacontane (C34)	3.3	2.69351	82		15.79 (40-140) 25
n-Hexatriacontane (C36)	3.3	2.77298	84		24 (40-140) 25
n-Octatriacontane (C38)	3.3	2.73666	83		35.46 (40-140) 25
n-Tetracontane (C40)	3.3	2.66070	81		43.61 (40-140) 25

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB170826BL

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG NO.: Q3742

Instrument ID: FID_E

Lab Sample ID: PB170826BL

Matrix: (soil/water) Solid

Date Extracted: 12/4/2025 10:20:00

Level: (low/med) low

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

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB170826BS	PB170826BS
PB170826BSD	PB170826BSD
SB-1125-8	Q3742-03
SB-1125-9	Q3742-04
SB-1125-3A	Q3742-11
SB-1125-3B	Q3742-12
SB-1125-3C	Q3742-13
SB-1125-3D	Q3742-14
SB-1125-3DMS	Q3742-14MS
SB-1125-3DMSD	Q3742-14MSD
SB-1125-3E	Q3742-15

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-8	SDG No.:	Q3742
Lab Sample ID:	Q3742-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
Sample Wt/Vol:	30.04 g	Test:	EPH_F2
Prep Method :	Final Vol: 2000 uL Prep Date : 12/04/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	12.9		1	1.07	4.68	mg/kg	FE057176.D	12/04/25 23:11	PB170826
Total EPH	Total EPH	12.9			1.07	4.68	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-8	SDG No.:	Q3742
Lab Sample ID:	Q3742-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
Sample Wt/Vol:	30.04 g	Final Vol:	2000 uL
Prep Method :		Prep Date	12/04/25
		Test:	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	12.9	1		1.07	4.68	mg/kg	12/04/25	PB170826
Aliphatic C28-C40	Aliphatic C28-C40	10.9	1		1.38	2.34	mg/kg	12/04/25	PB170826
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	20.2			40 - 140	40%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	24.6			40 - 140	49%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3742-03	Acq On:	04 Dec 2025 23:11
Client Sample ID:	SB-1125-8	Operator:	YP\AJ
Data file:	FE057176.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	3.194	6.819	5942008	29.613	300	ug/ml
Aliphatic C12-C16	6.820	10.265	10484507	51.603	200	ug/ml
Aliphatic C16-C21	10.266	13.639	8682666	43.782	300	ug/ml
Aliphatic C21-C28	13.640	17.309	7967040	40.086	400	ug/ml
Aliphatic C28-C40	17.310	22.235	27985430	139.997	600	ug/ml
Aliphatic EPH	3.194	22.235	61061651	305.081		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	5398784	24.6		ug/ml
1-chlorooctadecane (SURR)	13.370	13.370	3362734	20.21		ug/ml
Aliphatic C9-C28	3.194	17.309	33076221	165.084	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057176.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2025 23:11
 Operator : YP\AJ
 Sample : Q3742-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SB-1125-8

Integration File: autoint1.e
 Quant Time: Dec 05 00:28:59 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)	11.933	5398784	24.602 ug/ml
Spiked Amount 50.000		Recovery =	49.20%
12) S 1-chlorooctadecane (S...	13.370	3362734	20.205 ug/ml
Spiked Amount 50.000		Recovery =	40.41%

Target Compounds

(f)=RT Delta > 1/2 Window

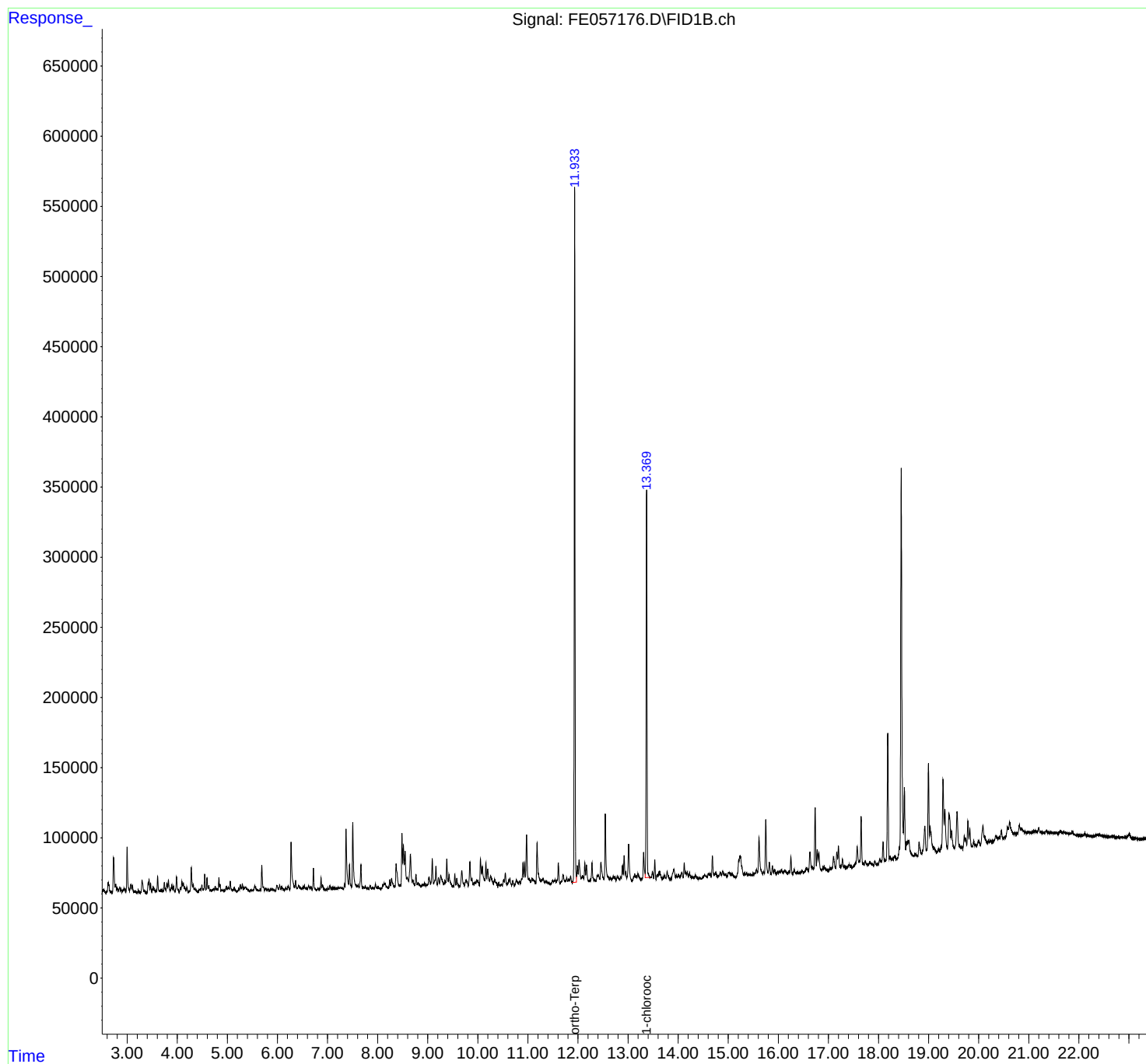
(m)=manual int.

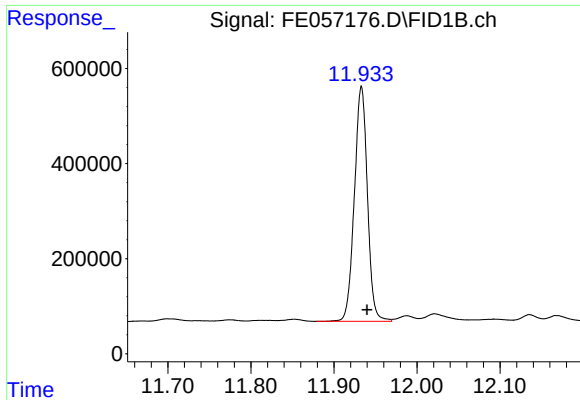
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
Data File : FE057176.D
Signal(s) : FID1B.ch
Acq On : 04 Dec 2025 23:11
Operator : YP\AJ
Sample : Q3742-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-8

Integration File: autoint1.e
Quant Time: Dec 05 00:28:59 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

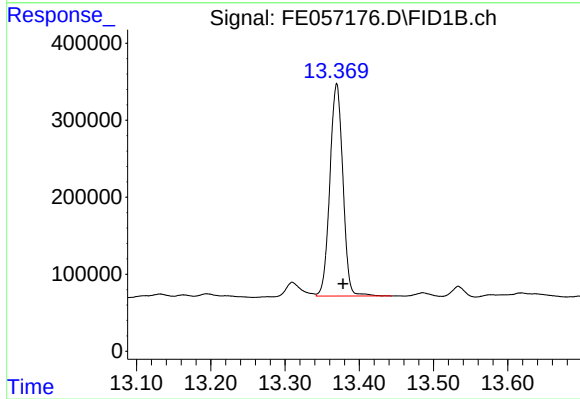




#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: -0.007 min
Response: 5398784
Conc: 24.60 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-8



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: -0.009 min
Response: 3362734
Conc: 20.21 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
Data File : FE057176.D
Signal(s) : FID1B.ch
Acq On : 04 Dec 2025 23:11
Sample : Q3742-03
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	2.619	2.541	2.700	BV	6500	102334	1.88%	0.143%
2	2.728	2.700	2.759	PV	25111	399842	7.36%	0.559%
3	2.772	2.759	2.788	VV	6198	79879	1.47%	0.112%
4	2.799	2.788	2.823	VV	3455	53522	0.98%	0.075%
5	2.850	2.823	2.865	VV	3989	66305	1.22%	0.093%
6	2.875	2.865	2.895	VV	2470	30026	0.55%	0.042%
7	2.934	2.895	2.946	VV	3172	55500	1.02%	0.078%
8	2.957	2.946	2.973	VV	2589	32088	0.59%	0.045%
9	2.998	2.973	3.047	VV	32637	429383	7.90%	0.601%
10	3.074	3.047	3.091	VV	6093	111369	2.05%	0.156%
11	3.104	3.091	3.131	VV	5567	69376	1.28%	0.097%
12	3.162	3.131	3.196	VV	1158	24708	0.45%	0.035%
13	3.221	3.196	3.264	PV	1606	23345	0.43%	0.033%
14	3.298	3.264	3.393	VV	8919	183474	3.38%	0.257%
15	3.436	3.393	3.454	VV	9513	177782	3.27%	0.249%
16	3.468	3.454	3.489	VV	6770	75551	1.39%	0.106%
17	3.516	3.489	3.564	VV	3345	94333	1.74%	0.132%
18	3.574	3.564	3.586	VV	1226	14601	0.27%	0.020%
19	3.608	3.586	3.639	VV	11620	147148	2.71%	0.206%
20	3.648	3.639	3.658	VV	1260	13587	0.25%	0.019%
21	3.665	3.658	3.675	VV	1524	14416	0.27%	0.020%
22	3.693	3.675	3.721	VV	2101	39807	0.73%	0.056%
23	3.741	3.721	3.774	VV	7197	110974	2.04%	0.155%
24	3.792	3.774	3.807	VV	6517	90316	1.66%	0.126%
25	3.823	3.807	3.856	VV	8909	135188	2.49%	0.189%
26	3.890	3.856	3.910	VV	5394	102247	1.88%	0.143%
27	3.926	3.910	3.950	VV	4587	64185	1.18%	0.090%
28	3.986	3.950	4.038	VV	11168	180580	3.32%	0.253%
29	4.063	4.038	4.074	VV	3492	42988	0.79%	0.060%
30	4.092	4.074	4.107	VV	7873	108333	1.99%	0.152%
31	4.120	4.107	4.172	VV	6707	153881	2.83%	0.215%
32	4.192	4.172	4.221	VV	3692	55322	1.02%	0.077%
33	4.280	4.221	4.305	VV	17436	260157	4.79%	0.364%
34	4.316	4.305	4.338	VV	5335	74665	1.37%	0.104%
35	4.353	4.338	4.402	VV	2613	57414	1.06%	0.080%
36	4.439	4.402	4.450	VV	1873	27319	0.50%	0.038%

					rteres			
37	4.462	4.450	4.472	VV	2167	23187	0.43%	0.032%
38	4.491	4.472	4.512	VV	5119	73163	1.35%	0.102%
39	4.547	4.512	4.571	VV	12702	169113	3.11%	0.237%
40	4.593	4.571	4.615	VV	10135	133589	2.46%	0.187%
41	4.629	4.615	4.653	VV	4639	64520	1.19%	0.090%
42	4.664	4.653	4.684	VV	1555	21589	0.40%	0.030%
43	4.730	4.684	4.742	VV	2321	55364	1.02%	0.077%
44	4.758	4.742	4.811	VV	3880	96000	1.77%	0.134%
45	4.831	4.811	4.845	VV	10046	110477	2.03%	0.155%
46	4.855	4.845	4.876	VV	5335	57307	1.05%	0.080%
47	4.888	4.876	4.900	VV	1299	15780	0.29%	0.022%
48	4.912	4.900	4.931	VV	1393	17640	0.32%	0.025%
49	4.978	4.931	4.999	VV	3625	74538	1.37%	0.104%
50	5.022	4.999	5.038	VV	2993	56004	1.03%	0.078%
51	5.057	5.038	5.097	VV	7524	117437	2.16%	0.164%
52	5.136	5.097	5.191	VV	3199	73708	1.36%	0.103%
53	5.228	5.191	5.240	VV	2404	35298	0.65%	0.049%
54	5.258	5.240	5.284	VV	4940	83053	1.53%	0.116%
55	5.299	5.284	5.316	VV	5394	66440	1.22%	0.093%
56	5.328	5.316	5.335	VV	2459	24570	0.45%	0.034%
57	5.364	5.335	5.442	VV	3191	110629	2.04%	0.155%
58	5.464	5.442	5.477	PV	1140	13714	0.25%	0.019%
59	5.546	5.477	5.619	VV	4058	131380	2.42%	0.184%
60	5.654	5.619	5.666	VV	1696	23290	0.43%	0.033%
61	5.687	5.666	5.743	VV	18338	270947	4.99%	0.379%
62	5.763	5.743	5.792	VV	1786	36984	0.68%	0.052%
63	5.810	5.792	5.844	VV	1518	25130	0.46%	0.035%
64	5.867	5.844	5.880	VV	1397	20723	0.38%	0.029%
65	5.896	5.880	5.962	VV	1750	42436	0.78%	0.059%
66	5.990	5.962	6.023	VV	4027	83508	1.54%	0.117%
67	6.043	6.023	6.067	VV	4254	69686	1.28%	0.097%
68	6.084	6.067	6.114	VV	2346	53616	0.99%	0.075%
69	6.127	6.114	6.144	VV	1208	17680	0.33%	0.025%
70	6.167	6.144	6.185	VV	2384	36003	0.66%	0.050%
71	6.216	6.185	6.243	VV	3429	72317	1.33%	0.101%
72	6.272	6.243	6.341	VV	34701	624254	11.49%	0.873%
73	6.362	6.341	6.389	VV	7452	115337	2.12%	0.161%
74	6.424	6.389	6.441	VV	3811	78823	1.45%	0.110%
75	6.450	6.441	6.484	VV	2104	44850	0.83%	0.063%
76	6.511	6.484	6.523	VV	2566	43581	0.80%	0.061%
77	6.537	6.523	6.565	VV	3165	52428	0.96%	0.073%
78	6.578	6.565	6.601	VV	1588	30241	0.56%	0.042%
79	6.620	6.601	6.648	VV	3342	63611	1.17%	0.089%
80	6.665	6.648	6.693	VV	2396	45744	0.84%	0.064%
81	6.718	6.693	6.782	VV	16025	197064	3.63%	0.276%
82	6.807	6.782	6.831	PV	1246	21642	0.40%	0.030%
83	6.871	6.831	6.888	VV	8899	111653	2.05%	0.156%
84	6.901	6.888	6.960	VV	3919	63141	1.16%	0.088%
85	6.977	6.960	6.990	VV	536	5528	0.10%	0.008%
86	7.007	6.990	7.025	VV	1550	17762	0.33%	0.025%
87	7.047	7.025	7.068	VV	3298	42739	0.79%	0.060%
88	7.081	7.068	7.095	VV	1338	14400	0.27%	0.020%
89	7.111	7.095	7.122	VV	1594	18765	0.35%	0.026%

					rteres			
90	7.129	7.122	7.139	VV	1366	13556	0.25%	0.019%
91	7.151	7.139	7.169	VV	1498	20996	0.39%	0.029%
92	7.189	7.169	7.197	VV	1148	17143	0.32%	0.024%
93	7.219	7.197	7.236	VV	1771	33684	0.62%	0.047%
94	7.252	7.236	7.280	VV	1655	38229	0.70%	0.053%
95	7.292	7.280	7.318	VV	1658	24649	0.45%	0.034%
96	7.338	7.318	7.348	VV	4074	43501	0.80%	0.061%
97	7.370	7.348	7.418	VV	42702	701285	12.91%	0.981%
98	7.438	7.418	7.481	VV	17953	270246	4.97%	0.378%
99	7.504	7.481	7.594	VV	47760	786639	14.48%	1.100%
100	7.611	7.594	7.634	VV	3143	57069	1.05%	0.080%
101	7.667	7.634	7.698	VV	17879	257533	4.74%	0.360%
102	7.711	7.698	7.735	VV	1961	32509	0.60%	0.045%
103	7.752	7.735	7.826	VV	2409	55252	1.02%	0.077%
104	7.849	7.826	7.877	VV	2678	43858	0.81%	0.061%
105	7.899	7.877	7.914	VV	1246	19636	0.36%	0.027%
106	7.923	7.914	7.934	VV	833	8200	0.15%	0.011%
107	7.957	7.934	7.992	VV	3708	58614	1.08%	0.082%
108	8.009	7.992	8.028	VV	2252	27817	0.51%	0.039%
109	8.040	8.028	8.062	VV	843	9941	0.18%	0.014%
110	8.102	8.062	8.110	PV	2657	34092	0.63%	0.048%
111	8.126	8.110	8.141	VV	3937	60905	1.12%	0.085%
112	8.150	8.141	8.176	VV	3753	56631	1.04%	0.079%
113	8.184	8.176	8.211	VV	1449	22348	0.41%	0.031%
114	8.241	8.211	8.258	VV	6540	86818	1.60%	0.121%
115	8.278	8.258	8.331	VV	7228	170192	3.13%	0.238%
116	8.369	8.331	8.431	VV	17814	404886	7.45%	0.566%
117	8.442	8.431	8.459	VV	2291	38159	0.70%	0.053%
118	8.485	8.459	8.501	VV	39264	484511	8.92%	0.678%
119	8.514	8.501	8.533	VV	31039	452891	8.33%	0.633%
120	8.548	8.533	8.579	VV	26469	449767	8.28%	0.629%
121	8.593	8.579	8.617	VV	7720	151559	2.79%	0.212%
122	8.654	8.617	8.693	VV	24297	540111	9.94%	0.755%
123	8.706	8.693	8.744	VV	5789	120635	2.22%	0.169%
124	8.764	8.744	8.790	VV	9727	154341	2.84%	0.216%
125	8.807	8.790	8.870	VV	3782	111038	2.04%	0.155%
126	8.909	8.870	8.921	VV	2534	58158	1.07%	0.081%
127	8.938	8.921	8.956	VV	3375	49272	0.91%	0.069%
128	8.974	8.956	8.990	VV	2418	40080	0.74%	0.056%
129	9.026	8.990	9.056	VV	7772	170759	3.14%	0.239%
130	9.091	9.056	9.119	VV	20505	327269	6.02%	0.458%
131	9.163	9.119	9.188	VV	15158	268730	4.95%	0.376%
132	9.214	9.188	9.233	VV	6812	117990	2.17%	0.165%
133	9.260	9.233	9.321	VV	8568	272262	5.01%	0.381%
134	9.345	9.321	9.358	VV	4421	76358	1.41%	0.107%
135	9.380	9.358	9.407	VV	20193	290982	5.35%	0.407%
136	9.425	9.407	9.490	VV	8967	204623	3.77%	0.286%
137	9.502	9.490	9.516	VV	579	8014	0.15%	0.011%
138	9.541	9.516	9.562	VV	9199	114529	2.11%	0.160%
139	9.579	9.562	9.641	VV	6172	107426	1.98%	0.150%
140	9.680	9.641	9.733	VV	11594	242073	4.45%	0.339%
141	9.768	9.733	9.808	VV	4998	130712	2.41%	0.183%

					rteres			
142	9.842	9.808	9.871	VV	17831	297506	5.48%	0.416%
143	9.883	9.871	9.904	VV	5863	76244	1.40%	0.107%
144	9.919	9.904	9.927	VV	2098	23719	0.44%	0.033%
145	9.943	9.927	9.958	VV	3157	45571	0.84%	0.064%
146	9.975	9.958	9.994	VV	4208	78705	1.45%	0.110%
147	9.997	9.994	10.029	VV	3811	56112	1.03%	0.078%
148	10.053	10.029	10.076	VV	19479	299780	5.52%	0.419%
149	10.090	10.076	10.131	VV	13996	287757	5.30%	0.402%
150	10.161	10.131	10.180	VV	16729	258488	4.76%	0.362%
151	10.197	10.180	10.238	VV	12057	253574	4.67%	0.355%
152	10.257	10.238	10.310	VV	7040	194585	3.58%	0.272%
153	10.337	10.310	10.397	VV	4466	118372	2.18%	0.166%
154	10.418	10.397	10.450	PV	2470	25615	0.47%	0.036%
155	10.472	10.450	10.488	VV	975	10413	0.19%	0.015%
156	10.515	10.488	10.530	VV	4021	57944	1.07%	0.081%
157	10.550	10.530	10.578	VV	8931	132137	2.43%	0.185%
158	10.641	10.578	10.675	VV	5184	127166	2.34%	0.178%
159	10.700	10.675	10.731	VV	3347	48491	0.89%	0.068%
160	10.768	10.731	10.810	VV	3448	86479	1.59%	0.121%
161	10.831	10.810	10.851	VV	2748	46492	0.86%	0.065%
162	10.902	10.851	10.919	VV	15960	275935	5.08%	0.386%
163	10.935	10.919	10.952	VV	15572	205734	3.79%	0.288%
164	10.974	10.952	11.012	VV	35340	565042	10.40%	0.790%
165	11.021	11.012	11.059	VV	4121	86256	1.59%	0.121%
166	11.081	11.059	11.158	VV	4666	165433	3.04%	0.231%
167	11.183	11.158	11.256	VV	29712	566007	10.42%	0.792%
168	11.295	11.256	11.338	VV	3570	132869	2.45%	0.186%
169	11.358	11.338	11.378	VV	2117	40533	0.75%	0.057%
170	11.383	11.378	11.400	VV	1728	17355	0.32%	0.024%
171	11.410	11.400	11.457	VV	1123	17962	0.33%	0.025%
172	11.495	11.457	11.514	PV	2989	50469	0.93%	0.071%
173	11.541	11.514	11.561	VV	2798	57034	1.05%	0.080%
174	11.608	11.561	11.642	VV	14978	228461	4.20%	0.320%
175	11.702	11.642	11.754	VV	6200	177413	3.26%	0.248%
176	11.775	11.754	11.794	VV	4090	64576	1.19%	0.090%
177	11.813	11.794	11.831	VV	2791	54756	1.01%	0.077%
178	11.852	11.831	11.881	VV	5108	84533	1.56%	0.118%
179	11.933	11.881	11.969	VV	493970	5433888	100.00%	7.600%
180	11.988	11.969	12.003	VV	12347	172111	3.17%	0.241%
181	12.022	12.003	12.066	VV	16477	336162	6.19%	0.470%
182	12.094	12.066	12.114	VV	5035	117655	2.17%	0.165%
183	12.136	12.114	12.152	VV	14548	198286	3.65%	0.277%
184	12.169	12.152	12.209	VV	12473	214668	3.95%	0.300%
185	12.279	12.209	12.319	VV	14194	270112	4.97%	0.378%
186	12.332	12.319	12.354	VV	1979	32417	0.60%	0.045%
187	12.382	12.354	12.393	VV	5228	75248	1.38%	0.105%
188	12.407	12.393	12.433	VV	5451	101365	1.87%	0.142%
189	12.458	12.433	12.518	VV	14218	336981	6.20%	0.471%
190	12.545	12.518	12.631	VV	48317	780866	14.37%	1.092%
191	12.649	12.631	12.673	VV	2699	58618	1.08%	0.082%
192	12.713	12.673	12.764	VV	3856	143235	2.64%	0.200%
193	12.783	12.764	12.796	VV	4019	57433	1.06%	0.080%
194	12.804	12.796	12.828	VV	3356	48252	0.89%	0.067%

					rteres			
195	12.851	12.828	12.863	VV	3013	52821	0.97%	0.074%
196	12.887	12.863	12.903	VV	11622	168029	3.09%	0.235%
197	12.921	12.903	12.942	VV	18600	261710	4.82%	0.366%
198	12.954	12.942	12.974	VV	7296	99669	1.83%	0.139%
199	13.011	12.974	13.075	VV	26567	496709	9.14%	0.695%
200	13.132	13.075	13.150	VV	5271	117682	2.17%	0.165%
201	13.163	13.150	13.177	VV	4073	54552	1.00%	0.076%
202	13.195	13.177	13.258	VV	5546	137491	2.53%	0.192%
203	13.310	13.258	13.340	VV	20097	342462	6.30%	0.479%
204	13.370	13.340	13.460	VV	278524	3535837	65.07%	4.946%
205	13.486	13.460	13.510	VV	6530	117000	2.15%	0.164%
206	13.534	13.510	13.558	VV	14697	187136	3.44%	0.262%
207	13.578	13.558	13.588	VV	3770	51257	0.94%	0.072%
208	13.618	13.588	13.679	VV	6095	209262	3.85%	0.293%
209	13.698	13.679	13.708	VV	1815	24541	0.45%	0.034%
210	13.727	13.708	13.751	VV	3558	60656	1.12%	0.085%
211	13.780	13.751	13.844	VV	6269	146003	2.69%	0.204%
212	13.914	13.844	13.946	VV	7382	229114	4.22%	0.320%
213	13.961	13.946	13.980	VV	2846	44859	0.83%	0.063%
214	14.001	13.980	14.035	VV	3157	77166	1.42%	0.108%
215	14.074	14.035	14.099	VV	5175	121461	2.24%	0.170%
216	14.122	14.099	14.166	VV	11944	223293	4.11%	0.312%
217	14.181	14.166	14.210	VV	5195	93380	1.72%	0.131%
218	14.228	14.210	14.267	VV	4148	87389	1.61%	0.122%
219	14.282	14.267	14.302	VV	1677	26967	0.50%	0.038%
220	14.310	14.302	14.321	VV	1055	10084	0.19%	0.014%
221	14.344	14.321	14.405	VV	3139	68742	1.27%	0.096%
222	14.428	14.405	14.471	VV	638	12091	0.22%	0.017%
223	14.491	14.471	14.500	PV	1260	14702	0.27%	0.021%
224	14.539	14.500	14.581	VV	2533	85847	1.58%	0.120%
225	14.602	14.581	14.618	VV	3502	58848	1.08%	0.082%
226	14.638	14.618	14.659	VV	3550	68298	1.26%	0.096%
227	14.684	14.659	14.714	VV	16202	239240	4.40%	0.335%
228	14.750	14.714	14.771	VV	4227	100499	1.85%	0.141%
229	14.780	14.771	14.804	VV	1624	29676	0.55%	0.042%
230	14.844	14.804	14.868	VV	4071	105063	1.93%	0.147%
231	14.888	14.868	14.934	VV	4722	126812	2.33%	0.177%
232	14.952	14.934	14.978	VV	2670	49917	0.92%	0.070%
233	15.004	14.978	15.063	VV	3810	141348	2.60%	0.198%
234	15.082	15.063	15.154	VV	2924	70511	1.30%	0.099%
235	15.229	15.154	15.304	PV	14862	674059	12.40%	0.943%
236	15.327	15.304	15.346	VV	2453	49911	0.92%	0.070%
237	15.367	15.346	15.390	VV	2985	52734	0.97%	0.074%
238	15.419	15.390	15.483	VV	1624	69538	1.28%	0.097%
239	15.563	15.483	15.582	VV	4569	142122	2.62%	0.199%
240	15.614	15.582	15.688	VV	27293	562473	10.35%	0.787%
241	15.708	15.688	15.721	VV	2826	41988	0.77%	0.059%
242	15.748	15.721	15.793	VV	39897	597054	10.99%	0.835%
243	15.820	15.793	15.858	VV	9297	164946	3.04%	0.231%
244	15.881	15.858	15.906	VV	6216	107033	1.97%	0.150%
245	15.922	15.906	15.959	VV	3784	75122	1.38%	0.105%
246	15.986	15.959	16.004	VV	1945	36652	0.67%	0.051%

					rteres			
247	16.025	16.004	16.040	VV	2520	43761	0.81%	0.061%
248	16.063	16.040	16.097	VV	3187	76149	1.40%	0.107%
249	16.133	16.097	16.188	VV	2881	95935	1.77%	0.134%
250	16.215	16.188	16.226	VV	1937	35678	0.66%	0.050%
251	16.250	16.226	16.288	VV	12266	169536	3.12%	0.237%
252	16.317	16.288	16.350	VV	2906	51923	0.96%	0.073%
253	16.382	16.350	16.408	VV	863	18051	0.33%	0.025%
254	16.480	16.408	16.506	PV	1733	47213	0.87%	0.066%
255	16.566	16.506	16.600	VV	3291	107551	1.98%	0.150%
256	16.630	16.600	16.673	VV	14471	305668	5.63%	0.428%
257	16.689	16.673	16.708	VV	3377	61681	1.14%	0.086%
258	16.734	16.708	16.758	VV	45605	632480	11.64%	0.885%
259	16.776	16.758	16.793	VV	15861	230514	4.24%	0.322%
260	16.809	16.793	16.861	VV	13239	243608	4.48%	0.341%
261	16.887	16.861	16.897	VV	2468	35712	0.66%	0.050%
262	16.914	16.897	16.995	VV	3295	82186	1.51%	0.115%
263	17.034	16.995	17.053	PV	1944	33463	0.62%	0.047%
264	17.102	17.053	17.143	VV	9654	212840	3.92%	0.298%
265	17.168	17.143	17.183	VV	12464	187522	3.45%	0.262%
266	17.200	17.183	17.232	VV	16682	259744	4.78%	0.363%
267	17.281	17.232	17.308	VV	6478	145686	2.68%	0.204%
268	17.327	17.308	17.353	VV	1260	27916	0.51%	0.039%
269	17.365	17.353	17.378	VV	755	9915	0.18%	0.014%
270	17.414	17.378	17.438	VV	2616	60016	1.10%	0.084%
271	17.448	17.438	17.474	VV	1217	17709	0.33%	0.025%
272	17.488	17.474	17.496	VV	878	10082	0.19%	0.014%
273	17.575	17.496	17.606	VV	14797	343984	6.33%	0.481%
274	17.653	17.606	17.683	VV	35576	556283	10.24%	0.778%
275	17.691	17.683	17.711	VV	2207	32056	0.59%	0.045%
276	17.736	17.711	17.793	VV	3731	97622	1.80%	0.137%
277	17.828	17.793	17.898	VV	3275	90230	1.66%	0.126%
278	17.926	17.898	17.957	PV	2920	45255	0.83%	0.063%
279	17.985	17.957	17.994	VV	789	11827	0.22%	0.017%
280	18.024	17.994	18.049	VV	3797	76601	1.41%	0.107%
281	18.091	18.049	18.115	VV	15723	254334	4.68%	0.356%
282	18.126	18.115	18.143	VV	2840	41009	0.75%	0.057%
283	18.185	18.143	18.221	VV	92920	1338045	24.62%	1.872%
284	18.236	18.221	18.258	VV	5038	79643	1.47%	0.111%
285	18.268	18.258	18.281	VV	2661	35509	0.65%	0.050%
286	18.325	18.281	18.353	VV	4892	149826	2.76%	0.210%
287	18.453	18.353	18.495	VV	276986	4796366	88.27%	6.709%
288	18.517	18.495	18.542	VV	51988	856592	15.76%	1.198%
289	18.558	18.542	18.571	VV	14025	208493	3.84%	0.292%
290	18.607	18.571	18.708	VV	14352	647529	11.92%	0.906%
291	18.728	18.708	18.758	VV	4306	107797	1.98%	0.151%
292	18.770	18.758	18.781	VV	3073	40766	0.75%	0.057%
293	18.810	18.781	18.855	VV	11634	299173	5.51%	0.418%
294	18.923	18.855	18.954	VV	23254	627810	11.55%	0.878%
295	18.996	18.954	19.018	VV	66846	1044725	19.23%	1.461%
296	19.030	19.018	19.164	VV	22283	852159	15.68%	1.192%
297	19.200	19.164	19.222	VV	5401	153044	2.82%	0.214%
298	19.288	19.222	19.309	VV	54593	1070238	19.70%	1.497%
299	19.324	19.309	19.374	VV	33166	688435	12.67%	0.963%

rteres								
300	19.406	19.374	19.443	VV	30260	810257	14.91%	1.133%
301	19.459	19.443	19.514	VV	17231	432315	7.96%	0.605%
302	19.568	19.514	19.645	VV	30063	891744	16.41%	1.247%
303	19.663	19.645	19.681	VV	4715	92157	1.70%	0.129%
304	19.712	19.681	19.727	VV	12610	225565	4.15%	0.316%
305	19.740	19.727	19.760	VV	10533	174684	3.21%	0.244%
306	19.784	19.760	19.805	VV	22772	385553	7.10%	0.539%
307	19.823	19.805	19.876	VV	16859	378249	6.96%	0.529%
308	19.901	19.876	19.923	VV	7533	163687	3.01%	0.229%
309	19.936	19.923	19.956	VV	5355	91075	1.68%	0.127%
310	19.997	19.956	20.034	VV	7279	270718	4.98%	0.379%
311	20.084	20.034	20.108	VV	18060	508520	9.36%	0.711%
312	20.118	20.108	20.176	VV	10364	312350	5.75%	0.437%
313	20.195	20.176	20.212	VV	6588	131618	2.42%	0.184%
314	20.234	20.212	20.254	VV	6661	154824	2.85%	0.217%
315	20.268	20.254	20.298	VV	5906	148601	2.73%	0.208%
316	20.338	20.298	20.383	VV	9670	393583	7.24%	0.551%
317	20.453	20.383	20.485	VV	12523	540097	9.94%	0.755%
318	20.575	20.485	20.592	VV	14708	607434	11.18%	0.850%
319	20.617	20.592	20.704	VV	17935	854056	15.72%	1.195%
320	20.724	20.704	20.751	VV	9359	255070	4.69%	0.357%
321	20.812	20.751	20.838	VV	14766	576635	10.61%	0.807%
322	20.850	20.838	20.960	VV	12253	750974	13.82%	1.050%
323	20.981	20.960	21.038	VV	9212	412604	7.59%	0.577%
324	21.110	21.038	21.134	VV	9316	508930	9.37%	0.712%
325	21.142	21.134	21.171	VV	9050	191344	3.52%	0.268%
326	21.199	21.171	21.274	VV	11233	535383	9.85%	0.749%
327	21.283	21.274	21.294	VV	7343	86234	1.59%	0.121%
328	21.301	21.294	21.321	VV	7319	111259	2.05%	0.156%
329	21.348	21.321	21.394	VV	8626	325813	6.00%	0.456%
330	21.419	21.394	21.431	VV	6869	147276	2.71%	0.206%
331	21.442	21.431	21.454	VV	6674	91356	1.68%	0.128%
332	21.468	21.454	21.488	VV	6486	129514	2.38%	0.181%
333	21.494	21.488	21.521	VV	6277	123502	2.27%	0.173%
334	21.532	21.521	21.578	VV	6257	197135	3.63%	0.276%
335	21.589	21.578	21.598	VV	5271	60725	1.12%	0.085%
336	21.629	21.598	21.676	VV	7214	285755	5.26%	0.400%
337	21.701	21.676	21.738	VV	5664	197398	3.63%	0.276%
338	21.754	21.738	21.834	VV	4949	250367	4.61%	0.350%
339	21.872	21.834	21.948	VV	4778	243593	4.48%	0.341%
340	21.977	21.948	22.052	VV	2484	126636	2.33%	0.177%
341	22.066	22.052	22.078	VV	1459	22224	0.41%	0.031%
342	22.121	22.078	22.228	VV	2462	117627	2.16%	0.165%
343	22.241	22.228	22.258	VV	422	5162	0.10%	0.007%
344	22.271	22.258	22.286	VV	244	3394	0.06%	0.005%
Sum of corrected areas:						71494262		

Aliphatic EPH 112725.M Fri Dec 05 10:46:25 2025

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-9	SDG No.:	Q3742
Lab Sample ID:	Q3742-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.6
Sample Wt/Vol:	30.08 g	Test:	EPH_F2
Prep Method :	Final Vol: 2000 uL Prep Date : 12/04/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	18.4		1	1.16	5.08	mg/kg	FE057177.D	12/04/25 23:41	PB170826
Total EPH	Total EPH	18.4			1.16	5.08	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-9	SDG No.:	Q3742
Lab Sample ID:	Q3742-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.6
Sample Wt/Vol:	30.08 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2
	Prep Date	12/04/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	18.4	1		1.16	5.08	mg/kg	12/04/25	PB170826
Aliphatic C28-C40	Aliphatic C28-C40	36.7	1		1.50	2.54	mg/kg	12/04/25	PB170826
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	23.2			40 - 140	46%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	27.8			40 - 140	56%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3742-04	Acq On:	04 Dec 2025 23:41
Client Sample ID:	SB-1125-9	Operator:	YP\AJ
Data file:	FE057177.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	3.194	6.819	3989326	19.881	300	ug/ml
Aliphatic C12-C16	6.820	10.265	7754109	38.164	200	ug/ml
Aliphatic C16-C21	10.266	13.639	11487948	57.928	300	ug/ml
Aliphatic C21-C28	13.640	17.309	20262345	101.95	400	ug/ml
Aliphatic C28-C40	17.310	22.235	86608907	433.261	600	ug/ml
Aliphatic EPH	3.194	22.235	130102635	651.185		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	6089618	27.75		ug/ml
1-chlorooctadecane (SURR)	13.371	13.371	3865107	23.22		ug/ml
Aliphatic C9-C28	3.194	17.309	43493728	217.923	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
Data File : FE057177.D
Signal(s) : FID1B.ch
Acq On : 04 Dec 2025 23:41
Operator : YP\AJ
Sample : Q3742-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-9

Integration File: autoint1.e
Quant Time: Dec 05 00:29:21 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)	11.933	6089618	27.750 ug/ml
Spiked Amount 50.000		Recovery =	55.50%
12) S 1-chlorooctadecane (S...	13.371	3865107	23.224 ug/ml
Spiked Amount 50.000		Recovery =	46.45%

Target Compounds

(f)=RT Delta > 1/2 Window

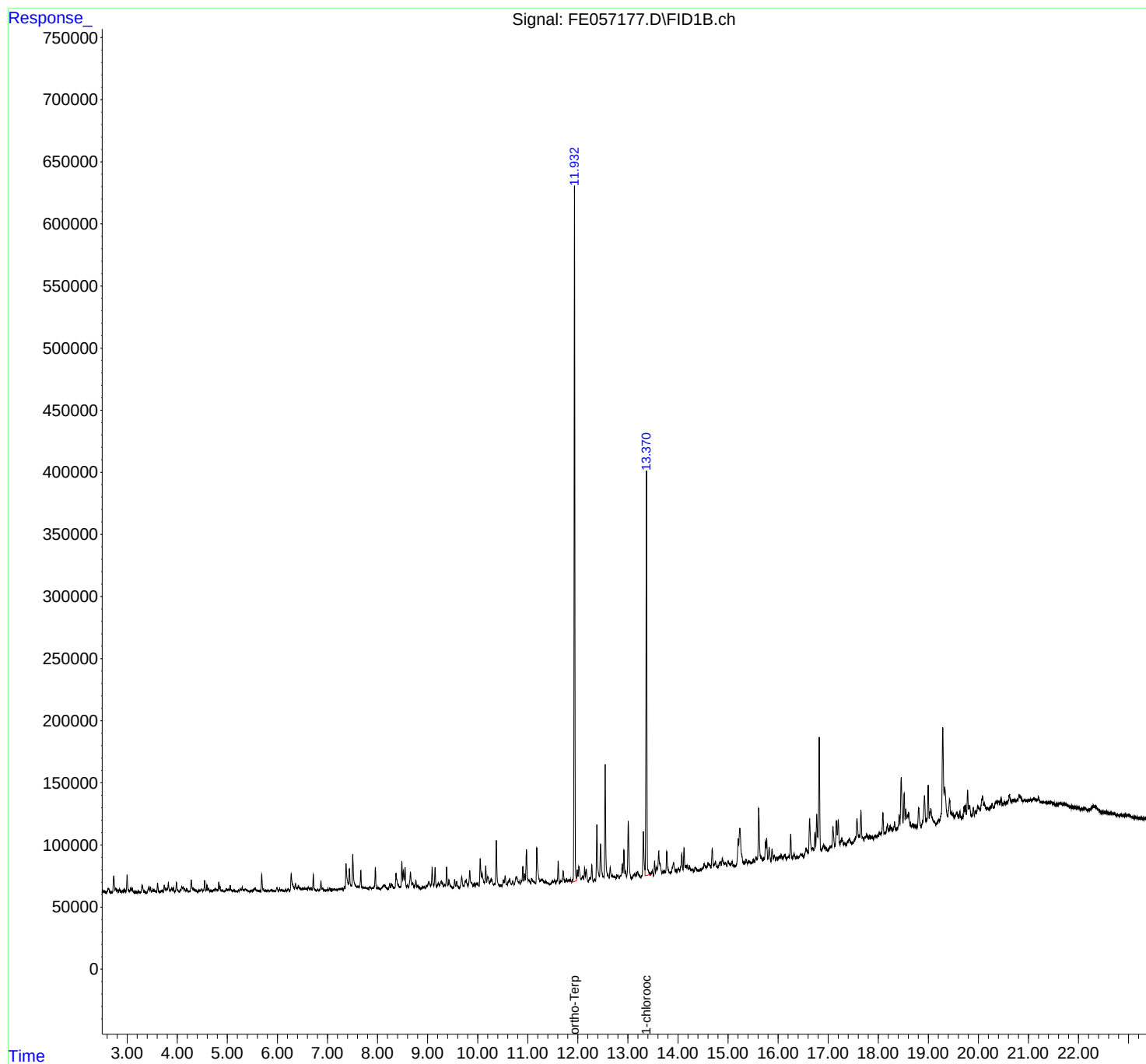
(m)=manual int.

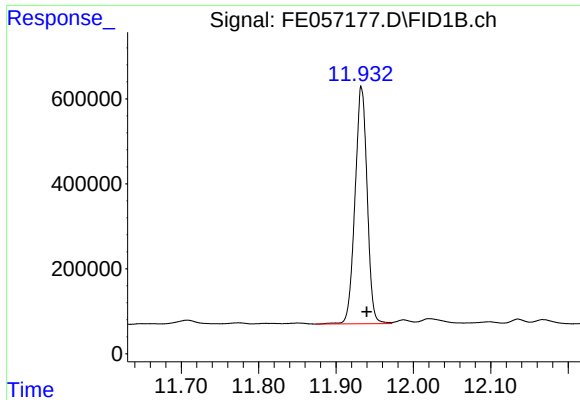
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
Data File : FE057177.D
Signal(s) : FID1B.ch
Acq On : 04 Dec 2025 23:41
Operator : YP\AJ
Sample : Q3742-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-9

Integration File: autoint1.e
Quant Time: Dec 05 00:29:21 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

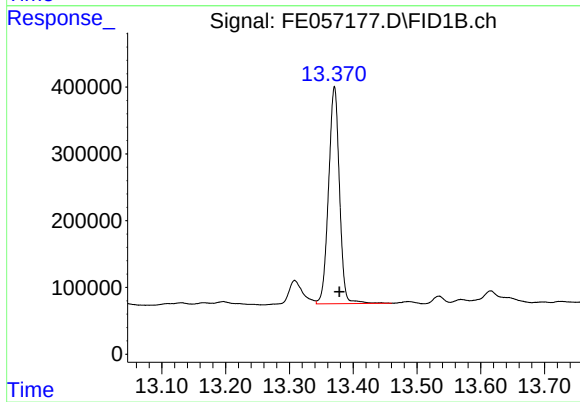




#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: -0.007 min
Response: 6089618
Conc: 27.75 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-9



#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: -0.008 min
Response: 3865107
Conc: 23.22 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
Data File : FE057177.D
Signal(s) : FID1B.ch
Acq On : 04 Dec 2025 23:41
Sample : Q3742-04
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	2.618	2.525	2.698	BV	2783	38706	0.63%	0.027%
2	2.731	2.698	2.759	PV	13404	211664	3.44%	0.149%
3	2.771	2.759	2.788	VV	3651	47254	0.77%	0.033%
4	2.799	2.788	2.825	VV	2189	35100	0.57%	0.025%
5	2.849	2.825	2.864	VV	2557	41937	0.68%	0.029%
6	2.874	2.864	2.894	VV	1539	19263	0.31%	0.014%
7	2.934	2.894	2.946	VV	2220	37956	0.62%	0.027%
8	2.957	2.946	2.972	VV	1682	19866	0.32%	0.014%
9	2.998	2.972	3.047	VV	14395	208038	3.38%	0.146%
10	3.074	3.047	3.091	VV	3691	66462	1.08%	0.047%
11	3.104	3.091	3.134	VV	3343	42426	0.69%	0.030%
12	3.162	3.134	3.201	VV	650	13668	0.22%	0.010%
13	3.220	3.201	3.264	PV	1249	17569	0.29%	0.012%
14	3.296	3.264	3.329	VV	6047	109124	1.78%	0.077%
15	3.338	3.329	3.395	VV	1162	14909	0.24%	0.010%
16	3.436	3.395	3.453	PV	5140	84612	1.38%	0.059%
17	3.467	3.453	3.488	VV	4213	44306	0.72%	0.031%
18	3.516	3.488	3.588	VV	2178	70765	1.15%	0.050%
19	3.607	3.588	3.648	VV	7576	94830	1.54%	0.067%
20	3.666	3.648	3.673	VV	782	8261	0.13%	0.006%
21	3.693	3.673	3.721	VV	1467	27822	0.45%	0.020%
22	3.740	3.721	3.776	VV	5817	101744	1.66%	0.071%
23	3.793	3.776	3.804	VV	3285	44921	0.73%	0.032%
24	3.822	3.804	3.855	VV	7734	117879	1.92%	0.083%
25	3.888	3.855	3.908	VV	3622	74834	1.22%	0.053%
26	3.926	3.908	3.950	VV	3607	50817	0.83%	0.036%
27	3.985	3.950	4.037	VV	7876	129395	2.10%	0.091%
28	4.062	4.037	4.073	VV	2348	29380	0.48%	0.021%
29	4.091	4.073	4.104	VV	4480	61720	1.00%	0.043%
30	4.120	4.104	4.138	VV	4469	70237	1.14%	0.049%
31	4.147	4.138	4.171	VV	2632	38384	0.62%	0.027%
32	4.191	4.171	4.220	VV	2394	40380	0.66%	0.028%
33	4.236	4.220	4.245	VV	618	6900	0.11%	0.005%
34	4.279	4.245	4.304	VV	9912	150100	2.44%	0.105%
35	4.315	4.304	4.337	VV	3613	52769	0.86%	0.037%
36	4.352	4.337	4.401	VV	1929	46346	0.75%	0.033%

					rteres			
37	4.439	4.401	4.450	VV	1529	26873	0.44%	0.019%
38	4.461	4.450	4.471	VV	1436	15638	0.25%	0.011%
39	4.490	4.471	4.511	VV	2801	44403	0.72%	0.031%
40	4.546	4.511	4.572	VV	9383	127042	2.07%	0.089%
41	4.593	4.572	4.614	VV	5812	78890	1.28%	0.055%
42	4.629	4.614	4.652	VV	2925	41135	0.67%	0.029%
43	4.664	4.652	4.681	VV	1011	13347	0.22%	0.009%
44	4.730	4.681	4.742	VV	1716	41339	0.67%	0.029%
45	4.758	4.742	4.773	VV	2694	35452	0.58%	0.025%
46	4.784	4.773	4.810	VV	1626	34029	0.55%	0.024%
47	4.830	4.810	4.845	VV	7947	91326	1.49%	0.064%
48	4.854	4.845	4.875	VV	4023	45750	0.74%	0.032%
49	4.885	4.875	4.899	VV	1160	14996	0.24%	0.011%
50	4.911	4.899	4.932	VV	1249	16279	0.26%	0.011%
51	4.980	4.932	4.999	VV	2117	47314	0.77%	0.033%
52	5.015	4.999	5.038	VV	1682	33598	0.55%	0.024%
53	5.057	5.038	5.096	VV	5283	81956	1.33%	0.058%
54	5.135	5.096	5.190	VV	1720	44416	0.72%	0.031%
55	5.226	5.190	5.240	VV	1450	20407	0.33%	0.014%
56	5.258	5.240	5.280	VV	2707	41275	0.67%	0.029%
57	5.298	5.280	5.316	VV	3733	47394	0.77%	0.033%
58	5.328	5.316	5.337	VV	1605	17462	0.28%	0.012%
59	5.364	5.337	5.386	VV	2153	48091	0.78%	0.034%
60	5.393	5.386	5.441	VV	1153	22236	0.36%	0.016%
61	5.462	5.441	5.477	PV	854	10285	0.17%	0.007%
62	5.545	5.477	5.619	VV	2632	91309	1.49%	0.064%
63	5.653	5.619	5.665	VV	987	11707	0.19%	0.008%
64	5.686	5.665	5.745	VV	13653	190140	3.09%	0.133%
65	5.761	5.745	5.790	VV	963	16447	0.27%	0.012%
66	5.810	5.790	5.841	VV	1058	15470	0.25%	0.011%
67	5.868	5.841	5.879	VV	999	14188	0.23%	0.010%
68	5.893	5.879	5.964	VV	1133	26571	0.43%	0.019%
69	5.990	5.964	6.024	VV	2630	45070	0.73%	0.032%
70	6.044	6.024	6.065	VV	1974	25686	0.42%	0.018%
71	6.094	6.065	6.148	VV	1213	27917	0.45%	0.020%
72	6.167	6.148	6.185	VV	1037	13106	0.21%	0.009%
73	6.216	6.185	6.243	VV	1926	33441	0.54%	0.023%
74	6.275	6.243	6.338	VV	13717	305384	4.97%	0.214%
75	6.361	6.338	6.389	VV	6096	110095	1.79%	0.077%
76	6.422	6.389	6.479	VV	3830	130303	2.12%	0.091%
77	6.511	6.479	6.524	VV	2246	48778	0.79%	0.034%
78	6.536	6.524	6.549	VV	2065	28832	0.47%	0.020%
79	6.553	6.549	6.568	VV	1840	18068	0.29%	0.013%
80	6.581	6.568	6.599	VV	1701	29304	0.48%	0.021%
81	6.619	6.599	6.647	VV	2773	55270	0.90%	0.039%
82	6.674	6.647	6.694	VV	1959	43859	0.71%	0.031%
83	6.717	6.694	6.781	VV	13096	161201	2.62%	0.113%
84	6.806	6.781	6.830	VV	1088	18243	0.30%	0.013%
85	6.870	6.830	6.889	VV	7726	90783	1.48%	0.064%
86	6.901	6.889	6.965	VV	2082	37547	0.61%	0.026%
87	6.976	6.965	6.990	VV	439	4517	0.07%	0.003%
88	7.007	6.990	7.024	VV	1052	10134	0.16%	0.007%
89	7.046	7.024	7.067	VV	2292	26946	0.44%	0.019%

					rteres			
90	7.080	7.067	7.095	VV	736	7487	0.12%	0.005%
91	7.111	7.095	7.138	PV	956	18959	0.31%	0.013%
92	7.150	7.138	7.171	VV	915	14530	0.24%	0.010%
93	7.186	7.171	7.196	VV	728	9161	0.15%	0.006%
94	7.220	7.196	7.238	VV	1166	22590	0.37%	0.016%
95	7.250	7.238	7.263	VV	1353	17799	0.29%	0.012%
96	7.291	7.263	7.315	VV	1672	37232	0.61%	0.026%
97	7.338	7.315	7.351	VV	3297	39552	0.64%	0.028%
98	7.372	7.351	7.416	VV	21350	402982	6.56%	0.283%
99	7.438	7.416	7.480	VV	17329	298631	4.86%	0.210%
100	7.505	7.480	7.598	VV	28792	578784	9.42%	0.406%
101	7.610	7.598	7.633	VV	3304	56361	0.92%	0.040%
102	7.666	7.633	7.696	VV	15783	230160	3.74%	0.162%
103	7.710	7.696	7.738	VV	2137	44847	0.73%	0.031%
104	7.752	7.738	7.811	VV	2350	63863	1.04%	0.045%
105	7.847	7.811	7.875	VV	2781	61861	1.01%	0.043%
106	7.896	7.875	7.918	VV	1487	32310	0.53%	0.023%
107	7.957	7.918	7.994	VV	18135	241161	3.92%	0.169%
108	8.008	7.994	8.025	VV	1931	23164	0.38%	0.016%
109	8.039	8.025	8.058	VV	1081	14123	0.23%	0.010%
110	8.102	8.058	8.110	VV	2814	43449	0.71%	0.030%
111	8.125	8.110	8.138	VV	3504	51250	0.83%	0.036%
112	8.148	8.138	8.210	VV	3224	71054	1.16%	0.050%
113	8.241	8.210	8.258	VV	4842	65937	1.07%	0.046%
114	8.277	8.258	8.325	VV	4559	104539	1.70%	0.073%
115	8.369	8.325	8.460	VV	13070	336181	5.47%	0.236%
116	8.485	8.460	8.501	VV	22428	266136	4.33%	0.187%
117	8.515	8.501	8.532	VV	14831	203994	3.32%	0.143%
118	8.549	8.532	8.578	VV	17274	242920	3.95%	0.171%
119	8.595	8.578	8.621	VV	2899	52494	0.85%	0.037%
120	8.657	8.621	8.688	VV	13476	265389	4.32%	0.186%
121	8.705	8.688	8.727	VV	4639	78223	1.27%	0.055%
122	8.765	8.727	8.791	VV	6956	125559	2.04%	0.088%
123	8.805	8.791	8.826	VV	2508	37417	0.61%	0.026%
124	8.837	8.826	8.870	VV	1251	16674	0.27%	0.012%
125	8.911	8.870	8.920	PV	1363	24127	0.39%	0.017%
126	8.933	8.920	8.952	VV	1986	24782	0.40%	0.017%
127	8.974	8.952	8.988	VV	2446	33669	0.55%	0.024%
128	9.022	8.988	9.058	VV	5384	147497	2.40%	0.104%
129	9.091	9.058	9.122	VV	16645	257215	4.18%	0.181%
130	9.149	9.122	9.179	VV	16782	231289	3.76%	0.162%
131	9.215	9.179	9.233	VV	4450	91884	1.49%	0.064%
132	9.272	9.233	9.328	VV	5791	205730	3.35%	0.144%
133	9.343	9.328	9.356	VV	2558	39302	0.64%	0.028%
134	9.380	9.356	9.406	VV	16929	229640	3.74%	0.161%
135	9.426	9.406	9.489	VV	6619	139804	2.27%	0.098%
136	9.505	9.489	9.513	PV	303	2822	0.05%	0.002%
137	9.540	9.513	9.561	VV	6820	86033	1.40%	0.060%
138	9.580	9.561	9.641	VV	5247	83989	1.37%	0.059%
139	9.681	9.641	9.727	VV	8877	178564	2.90%	0.125%
140	9.768	9.727	9.809	VV	5652	168852	2.75%	0.119%
141	9.841	9.809	9.903	VV	13469	287201	4.67%	0.202%

					rteres			
142	9.942	9.903	9.957	VV	2808	61053	0.99%	0.043%
143	9.976	9.957	9.988	VV	2861	45184	0.74%	0.032%
144	10.000	9.988	10.027	VV	2781	46243	0.75%	0.032%
145	10.051	10.027	10.076	VV	22858	339549	5.52%	0.238%
146	10.089	10.076	10.131	VV	11114	234549	3.82%	0.165%
147	10.161	10.131	10.181	VV	16964	248494	4.04%	0.174%
148	10.201	10.181	10.239	VV	7990	199937	3.25%	0.140%
149	10.277	10.239	10.315	VV	5680	180089	2.93%	0.126%
150	10.332	10.315	10.344	VV	1855	29030	0.47%	0.020%
151	10.372	10.344	10.455	VV	36893	526241	8.56%	0.369%
152	10.470	10.455	10.484	VV	955	10913	0.18%	0.008%
153	10.514	10.484	10.530	VV	4883	77302	1.26%	0.054%
154	10.549	10.530	10.578	VV	8226	129872	2.11%	0.091%
155	10.641	10.578	10.675	VV	5647	168823	2.75%	0.119%
156	10.699	10.675	10.725	VV	3800	69305	1.13%	0.049%
157	10.771	10.725	10.814	VV	7302	229383	3.73%	0.161%
158	10.829	10.814	10.849	VV	3087	49211	0.80%	0.035%
159	10.902	10.849	10.920	VV	15327	257008	4.18%	0.180%
160	10.936	10.920	10.951	VV	9348	124719	2.03%	0.088%
161	10.974	10.951	11.012	VV	28833	464887	7.56%	0.326%
162	11.024	11.012	11.056	VV	4573	89305	1.45%	0.063%
163	11.077	11.056	11.157	VV	5597	180441	2.94%	0.127%
164	11.182	11.157	11.253	VV	29771	587890	9.56%	0.413%
165	11.273	11.253	11.337	VV	4462	164510	2.68%	0.115%
166	11.358	11.337	11.451	VV	2387	83437	1.36%	0.059%
167	11.495	11.451	11.513	PV	2954	54934	0.89%	0.039%
168	11.541	11.513	11.561	VV	2905	60145	0.98%	0.042%
169	11.607	11.561	11.633	VV	18173	253693	4.13%	0.178%
170	11.651	11.633	11.678	VV	2078	45687	0.74%	0.032%
171	11.708	11.678	11.751	VV	10148	207394	3.37%	0.146%
172	11.774	11.751	11.792	VV	3843	63910	1.04%	0.045%
173	11.809	11.792	11.830	VV	2533	46434	0.76%	0.033%
174	11.851	11.830	11.874	VV	3178	53431	0.87%	0.038%
175	11.933	11.874	11.970	VV	554731	6147117	100.00%	4.315%
176	11.988	11.970	12.003	VV	10361	140181	2.28%	0.098%
177	12.021	12.003	12.064	VV	12860	273265	4.45%	0.192%
178	12.098	12.064	12.116	VV	5346	113355	1.84%	0.080%
179	12.135	12.116	12.151	VV	11739	147915	2.41%	0.104%
180	12.168	12.151	12.206	VV	10302	166351	2.71%	0.117%
181	12.239	12.206	12.258	VV	3191	63962	1.04%	0.045%
182	12.279	12.258	12.307	VV	13716	174750	2.84%	0.123%
183	12.334	12.307	12.355	PV	1476	28129	0.46%	0.020%
184	12.380	12.355	12.429	VV	45099	683508	11.12%	0.480%
185	12.454	12.429	12.518	VV	29971	580256	9.44%	0.407%
186	12.546	12.518	12.624	VV	93457	1378552	22.43%	0.968%
187	12.647	12.624	12.678	VV	10084	181176	2.95%	0.127%
188	12.688	12.678	12.702	VV	3241	43238	0.70%	0.030%
189	12.708	12.702	12.723	VV	2954	33242	0.54%	0.023%
190	12.734	12.723	12.761	VV	2620	47266	0.77%	0.033%
191	12.782	12.761	12.827	VV	3408	96211	1.57%	0.068%
192	12.886	12.827	12.901	VV	11306	218582	3.56%	0.153%
193	12.921	12.901	12.942	VV	23478	312858	5.09%	0.220%
194	12.953	12.942	12.973	VV	6403	79072	1.29%	0.056%

					rteres			
195	13.008	12.973	13.075	VV	45897	747461	12.16%	0.525%
196	13.130	13.075	13.147	VV	3804	86764	1.41%	0.061%
197	13.166	13.147	13.181	VV	3746	59685	0.97%	0.042%
198	13.196	13.181	13.258	VV	5280	110856	1.80%	0.078%
199	13.309	13.258	13.341	VV	36682	580839	9.45%	0.408%
200	13.371	13.341	13.431	VV	327528	3941318	64.12%	2.767%
201	13.443	13.431	13.460	VV	2797	42475	0.69%	0.030%
202	13.487	13.460	13.511	VV	4401	86469	1.41%	0.061%
203	13.534	13.511	13.552	VV	12446	158179	2.57%	0.111%
204	13.569	13.552	13.584	VV	7199	107806	1.75%	0.076%
205	13.616	13.584	13.681	VV	19979	537551	8.74%	0.377%
206	13.698	13.681	13.710	VV	3000	46577	0.76%	0.033%
207	13.726	13.710	13.750	VV	3767	73630	1.20%	0.052%
208	13.777	13.750	13.828	VV	19183	349490	5.69%	0.245%
209	13.912	13.828	13.947	VV	9979	333934	5.43%	0.234%
210	13.962	13.947	13.981	VV	4109	67164	1.09%	0.047%
211	14.014	13.981	14.037	VV	4811	124594	2.03%	0.087%
212	14.077	14.037	14.100	VV	15974	305550	4.97%	0.214%
213	14.122	14.100	14.143	VV	20925	295018	4.80%	0.207%
214	14.152	14.143	14.166	VV	6455	82260	1.34%	0.058%
215	14.181	14.166	14.207	VV	6920	129690	2.11%	0.091%
216	14.226	14.207	14.267	VV	6463	150471	2.45%	0.106%
217	14.280	14.267	14.319	VV	3087	73463	1.20%	0.052%
218	14.344	14.319	14.404	VV	4499	145218	2.36%	0.102%
219	14.449	14.404	14.475	VV	2896	93729	1.52%	0.066%
220	14.525	14.475	14.575	VV	6514	259969	4.23%	0.182%
221	14.602	14.575	14.622	VV	7457	157692	2.57%	0.111%
222	14.634	14.622	14.659	VV	6151	113770	1.85%	0.080%
223	14.685	14.659	14.713	VV	19053	315967	5.14%	0.222%
224	14.750	14.713	14.795	VV	7911	244798	3.98%	0.172%
225	14.843	14.795	14.862	VV	7176	210873	3.43%	0.148%
226	14.888	14.862	14.928	VV	9941	274016	4.46%	0.192%
227	14.951	14.928	14.976	VV	6023	143899	2.34%	0.101%
228	14.999	14.976	15.056	VV	7339	260050	4.23%	0.183%
229	15.081	15.056	15.128	VV	6604	193597	3.15%	0.136%
230	15.134	15.128	15.149	VV	3201	35693	0.58%	0.025%
231	15.202	15.149	15.213	VV	24500	426212	6.93%	0.299%
232	15.235	15.213	15.309	VV	32871	987592	16.07%	0.693%
233	15.324	15.309	15.342	VV	5032	95525	1.55%	0.067%
234	15.361	15.342	15.391	VV	7411	165786	2.70%	0.116%
235	15.417	15.391	15.465	VV	5757	213075	3.47%	0.150%
236	15.504	15.465	15.531	VV	7135	209094	3.40%	0.147%
237	15.557	15.531	15.581	VV	8687	213894	3.48%	0.150%
238	15.613	15.581	15.688	VV	47388	1043518	16.98%	0.732%
239	15.749	15.688	15.758	VV	20149	412181	6.71%	0.289%
240	15.771	15.758	15.796	VV	23052	346492	5.64%	0.243%
241	15.821	15.796	15.856	VV	15256	340289	5.54%	0.239%
242	15.879	15.856	15.901	VV	14020	246839	4.02%	0.173%
243	15.920	15.901	15.955	VV	8717	224879	3.66%	0.158%
244	15.977	15.955	15.995	VV	7396	150419	2.45%	0.106%
245	16.017	15.995	16.038	VV	7373	172468	2.81%	0.121%
246	16.062	16.038	16.091	VV	8221	228096	3.71%	0.160%

					rteres			
247	16.137	16.091	16.177	VV	8446	346492	5.64%	0.243%
248	16.211	16.177	16.226	VV	6964	187173	3.04%	0.131%
249	16.251	16.226	16.281	VV	24758	425696	6.93%	0.299%
250	16.318	16.281	16.357	VV	9345	291518	4.74%	0.205%
251	16.378	16.357	16.400	VV	5980	142061	2.31%	0.100%
252	16.458	16.400	16.499	VV	7604	394622	6.42%	0.277%
253	16.562	16.499	16.601	VV	11316	535570	8.71%	0.376%
254	16.630	16.601	16.677	VV	35683	865385	14.08%	0.569%
255	16.693	16.677	16.713	VV	12210	247656	4.03%	0.174%
256	16.737	16.713	16.752	VV	24615	409855	6.67%	0.288%
257	16.772	16.752	16.792	VV	38919	654563	10.65%	0.459%
258	16.822	16.792	16.865	VV	100411	1704748	27.73%	1.197%
259	16.908	16.865	16.987	VV	13926	810157	13.18%	0.569%
260	17.096	16.987	17.136	VV	27651	1258169	20.47%	0.883%
261	17.164	17.136	17.182	VV	31860	631760	10.28%	0.443%
262	17.202	17.182	17.237	VV	32697	733866	11.94%	0.515%
263	17.278	17.237	17.309	VV	17007	665583	10.83%	0.467%
264	17.332	17.309	17.358	VV	13710	381262	6.20%	0.268%
265	17.423	17.358	17.475	VV	16445	1013393	16.49%	0.711%
266	17.575	17.475	17.611	VV	32540	1543410	25.11%	1.083%
267	17.620	17.611	17.630	VV	18543	203139	3.30%	0.143%
268	17.655	17.630	17.712	VV	39309	1108973	18.04%	0.778%
269	17.740	17.712	17.751	VV	17613	394244	6.41%	0.277%
270	17.774	17.751	17.808	VV	18821	599157	9.75%	0.421%
271	17.825	17.808	17.846	VV	18227	388157	6.31%	0.272%
272	17.878	17.846	17.908	VV	16934	605569	9.85%	0.425%
273	17.937	17.908	17.975	VV	18168	676464	11.00%	0.475%
274	18.025	17.975	18.048	VV	19757	801589	13.04%	0.563%
275	18.093	18.048	18.118	VV	35718	1003269	16.32%	0.704%
276	18.136	18.118	18.147	VV	20027	332943	5.42%	0.234%
277	18.185	18.147	18.218	VV	25405	947095	15.41%	0.665%
278	18.239	18.218	18.261	VV	24766	593427	9.65%	0.417%
279	18.266	18.261	18.290	VV	23477	375615	6.11%	0.264%
280	18.325	18.290	18.348	VV	27529	821548	13.36%	0.577%
281	18.366	18.348	18.379	VV	22770	395821	6.44%	0.278%
282	18.417	18.379	18.432	VV	32294	846994	13.78%	0.595%
283	18.458	18.432	18.494	VV	62483	1564928	25.46%	1.099%
284	18.517	18.494	18.537	VV	50018	991168	16.12%	0.696%
285	18.551	18.537	18.571	VV	36831	657098	10.69%	0.461%
286	18.608	18.571	18.665	VV	33819	1594465	25.94%	1.119%
287	18.684	18.665	18.698	VV	24355	469723	7.64%	0.330%
288	18.719	18.698	18.745	VV	23128	633694	10.31%	0.445%
289	18.753	18.745	18.769	VV	22660	319818	5.20%	0.224%
290	18.807	18.769	18.855	VV	36828	1392982	22.66%	0.978%
291	18.922	18.855	18.952	VV	46719	1791201	29.14%	1.257%
292	18.997	18.952	19.018	VV	55021	1391757	22.64%	0.977%
293	19.030	19.018	19.034	VV	32125	295867	4.81%	0.208%
294	19.051	19.034	19.148	VV	35423	1901188	30.93%	1.335%
295	19.288	19.148	19.315	VV	100191	3850123	62.63%	2.703%
296	19.329	19.315	19.381	VV	52073	1640431	26.69%	1.152%
297	19.423	19.381	19.459	VV	41365	1578191	25.67%	1.108%
298	19.473	19.459	19.486	VV	30858	492315	8.01%	0.346%
299	19.494	19.486	19.521	VV	29279	603769	9.82%	0.424%

					rteres			
300	19.566	19.521	19.604	VV	30789	1423523	23.16%	0.999%
301	19.631	19.604	19.665	VV	31364	1025173	16.68%	0.720%
302	19.712	19.665	19.727	VV	34762	1111492	18.08%	0.780%
303	19.743	19.727	19.761	VV	36032	664580	10.81%	0.467%
304	19.785	19.761	19.808	VV	47872	1065300	17.33%	0.748%
305	19.825	19.808	19.859	VV	35302	982885	15.99%	0.690%
306	19.899	19.859	19.918	VV	33253	1031221	16.78%	0.724%
307	19.939	19.918	19.958	VV	31187	708086	11.52%	0.497%
308	19.991	19.958	20.033	VV	34145	1449709	23.58%	1.018%
309	20.081	20.033	20.111	VV	41427	1732322	28.18%	1.216%
310	20.121	20.111	20.161	VV	36474	1004548	16.34%	0.705%
311	20.172	20.161	20.213	VV	33038	1008341	16.40%	0.708%
312	20.246	20.213	20.258	VV	33513	869764	14.15%	0.611%
313	20.276	20.258	20.301	VV	35522	873712	14.21%	0.613%
314	20.365	20.301	20.387	VV	37036	1792492	29.16%	1.258%
315	20.400	20.387	20.431	VV	36855	964419	15.69%	0.677%
316	20.454	20.431	20.485	VV	39644	1178757	19.18%	0.827%
317	20.518	20.485	20.546	VV	35901	1286743	20.93%	0.903%
318	20.566	20.546	20.583	VV	36450	784459	12.76%	0.551%
319	20.622	20.583	20.652	VV	41775	1571715	25.57%	1.103%
320	20.686	20.652	20.763	VV	37554	2423755	39.43%	1.701%
321	20.810	20.763	20.894	VV	40473	2978388	48.45%	2.091%
322	20.914	20.894	20.945	VV	36577	1104672	17.97%	0.775%
323	21.006	20.945	21.030	VV	36067	1804288	29.35%	1.267%
324	21.042	21.030	21.078	VV	36439	1047407	17.04%	0.735%
325	21.108	21.078	21.126	VV	37065	1041424	16.94%	0.731%
326	21.137	21.126	21.160	VV	36362	716644	11.66%	0.503%
327	21.202	21.160	21.241	VV	37593	1717436	27.94%	1.206%
328	21.250	21.241	21.278	VV	34223	735533	11.97%	0.516%
329	21.284	21.278	21.328	VV	33537	990057	16.11%	0.695%
330	21.348	21.328	21.363	VV	33180	688840	11.21%	0.484%
331	21.372	21.363	21.382	VV	32566	378362	6.16%	0.266%
332	21.398	21.382	21.416	VV	32933	664863	10.82%	0.467%
333	21.427	21.416	21.451	VV	33332	689227	11.21%	0.484%
334	21.465	21.451	21.487	VV	32978	678137	11.03%	0.476%
335	21.497	21.487	21.534	VV	32066	890193	14.48%	0.625%
336	21.547	21.534	21.556	VV	31091	394773	6.42%	0.277%
337	21.571	21.556	21.591	VV	30748	649486	10.57%	0.456%
338	21.619	21.591	21.624	VV	31360	602950	9.81%	0.423%
339	21.641	21.624	21.662	VV	31896	708024	11.52%	0.497%
340	21.670	21.662	21.682	VV	30557	352539	5.74%	0.247%
341	21.716	21.682	21.736	VV	31101	982360	15.98%	0.690%
342	21.755	21.736	21.822	VV	30548	1497468	24.36%	1.051%
343	21.829	21.822	21.839	VV	27656	289068	4.70%	0.203%
344	21.872	21.839	21.908	VV	28108	1115809	18.15%	0.783%
345	21.928	21.908	21.968	VV	27580	970516	15.79%	0.681%
346	21.997	21.968	22.009	VV	26847	657358	10.69%	0.461%
347	22.018	22.009	22.050	VV	26448	624180	10.15%	0.438%
348	22.059	22.050	22.068	VV	25553	269561	4.39%	0.189%
349	22.071	22.068	22.093	VV	25594	371845	6.05%	0.261%
350	22.121	22.093	22.172	VV	25890	1189604	19.35%	0.835%
351	22.208	22.172	22.218	VV	24071	654112	10.64%	0.459%

352 22.292 22.218 22.311 VBA 27081 1486861 24.19% 1.044%
rteres
Sum of corrected areas: 142460268

Aliphatic EPH 112725.M Fri Dec 05 10:46:51 2025

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-3A	SDG No.:	Q3742
Lab Sample ID:	Q3742-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	73.2
Sample Wt/Vol:	30.06 g	Test:	EPH_F2
Prep Method :	Final Vol: 2000 uL Prep Date : 12/04/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	3.27	J	1	1.24	5.45	mg/kg	FE057178.D	12/05/25 0:11	PB170826
Total EPH	Total EPH	3.27	J		1.24	5.45	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-3A	SDG No.:	Q3742
Lab Sample ID:	Q3742-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	73.2
Sample Wt/Vol:	30.06 g	Final Vol:	2000 uL
Prep Method :		Prep Date	12/04/25
		Test:	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	3.27	J	1	1.24	5.45	mg/kg	12/05/25	PB170826
Aliphatic C28-C40	Aliphatic C28-C40	8.60		1	1.61	2.73	mg/kg	12/05/25	PB170826
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	20.5			40 - 140	41%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	25.2			40 - 140	50%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3742-11	Acq On:	05 Dec 2025 00:11
Client Sample ID:	SB-1125-3A	Operator:	YP\AJ
Data file:	FE057178.D	Misc:	
Instrument:	FID_E	ALS Vial:	28
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.194	6.819	422899	2.108	300	ug/ml
Aliphatic C12-C16	6.820	10.265	1013147	4.987	200	ug/ml
Aliphatic C16-C21	10.266	13.639	2440481	12.306	300	ug/ml
Aliphatic C21-C28	13.640	17.309	3288361	16.545	400	ug/ml
Aliphatic C28-C40	17.310	22.235	18913965	94.617	600	ug/ml
Aliphatic EPH	3.194	22.235	26078853	130.563		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	5537090	25.23		ug/ml
1-chlorooctadecane (SURR)	13.370	13.370	3418083	20.54		ug/ml
Aliphatic C9-C28	3.194	17.309	7164888	35.946	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057178.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 00:11
 Operator : YP\AJ
 Sample : Q3742-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SB-1125-3A

Integration File: autoint1.e
 Quant Time: Dec 05 04:06:17 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)	11.933	5537090	25.233 ug/ml
Spiked Amount 50.000		Recovery =	50.47%
12) S 1-chlorooctadecane (S...	13.370	3418083	20.538 ug/ml
Spiked Amount 50.000		Recovery =	41.08%

Target Compounds

(f)=RT Delta > 1/2 Window

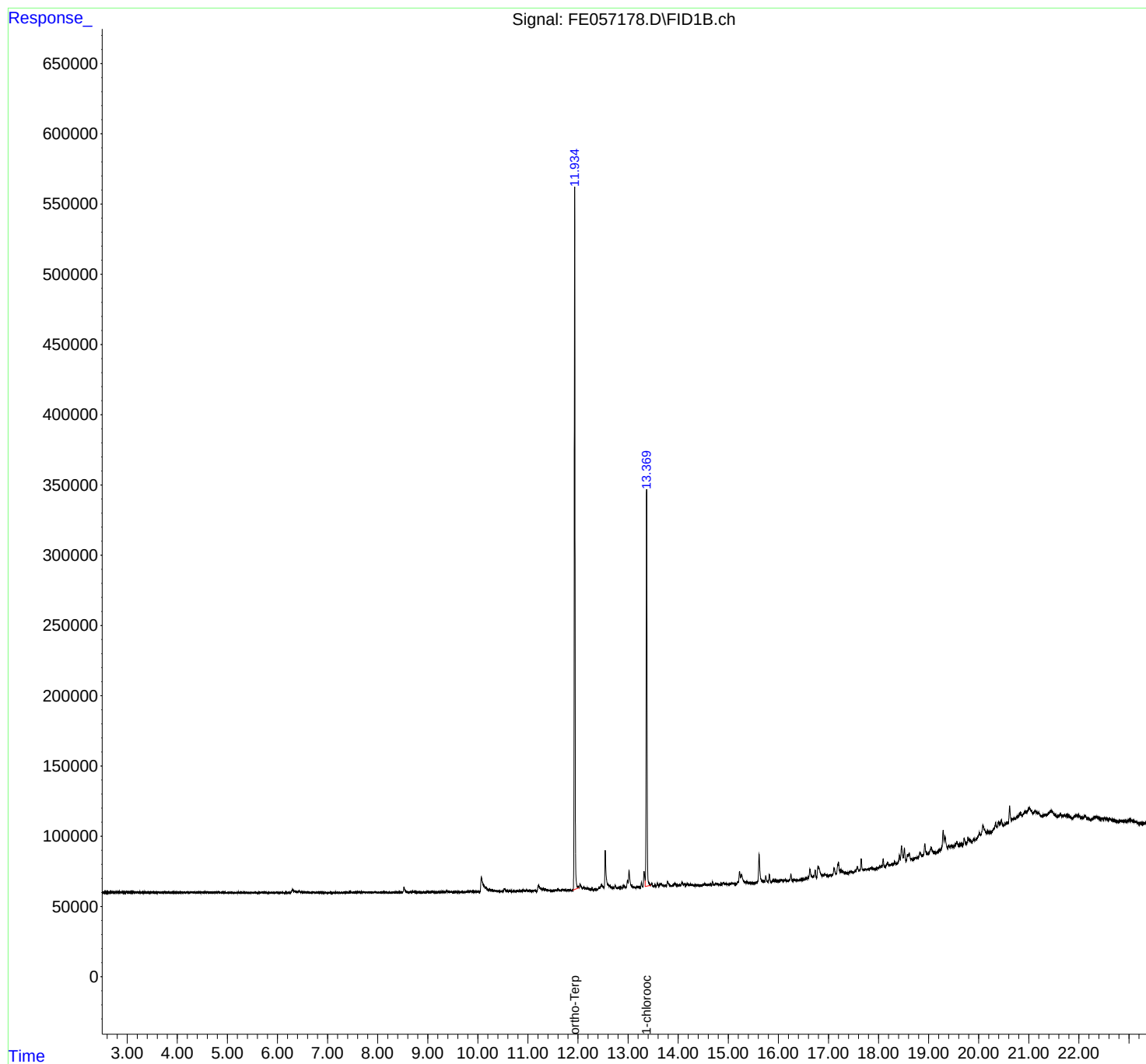
(m)=manual int.

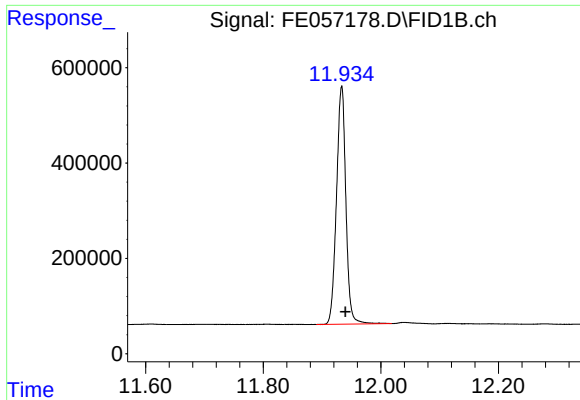
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
Data File : FE057178.D
Signal(s) : FID1B.ch
Acq On : 05 Dec 2025 00:11
Operator : YP\AJ
Sample : Q3742-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-3A

Integration File: autoint1.e
Quant Time: Dec 05 04:06:17 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

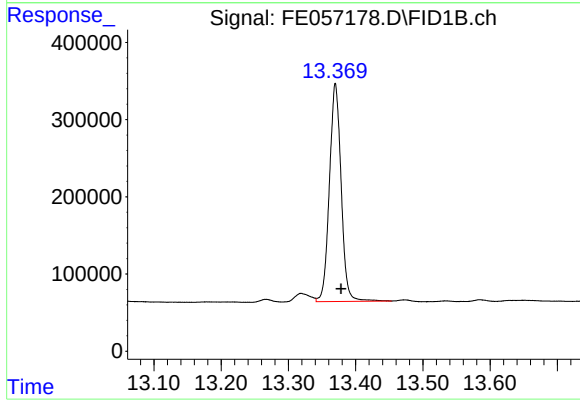




#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: -0.007 min
Response: 5537090
Conc: 25.23 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-3A



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: -0.008 min
Response: 3418083
Conc: 20.54 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
Data File : FE057178.D
Signal(s) : FID1B.ch
Acq On : 05 Dec 2025 00:11
Sample : Q3742-11
Misc :
ALS Vial : 28 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	2.613	2.541	2.691	BV	109	2082	0.04%	0.006%
2	2.734	2.691	2.796	PV	215	8163	0.15%	0.023%
3	2.812	2.796	2.824	VV	211	2028	0.04%	0.006%
4	2.835	2.824	2.905	VV	194	5299	0.09%	0.015%
5	2.934	2.905	2.974	VV	152	3255	0.06%	0.009%
6	3.005	2.974	3.055	VV	151	4796	0.09%	0.014%
7	3.075	3.055	3.086	VV	196	2354	0.04%	0.007%
8	3.092	3.086	3.162	VV	154	4232	0.08%	0.012%
9	3.182	3.162	3.219	VV	133	2440	0.04%	0.007%
10	3.227	3.219	3.247	VV	134	1324	0.02%	0.004%
11	3.254	3.247	3.268	VV	121	917	0.02%	0.003%
12	3.297	3.268	3.378	VV	324	7994	0.14%	0.023%
13	3.383	3.378	3.395	VV	85	699	0.01%	0.002%
14	3.408	3.395	3.420	VV	131	1166	0.02%	0.003%
15	3.437	3.420	3.497	VV	180	4896	0.09%	0.014%
16	3.511	3.497	3.538	VV	144	2743	0.05%	0.008%
17	3.543	3.538	3.577	VV	77	1557	0.03%	0.004%
18	3.615	3.577	3.635	PV	235	4154	0.07%	0.012%
19	3.648	3.635	3.662	VV	204	2150	0.04%	0.006%
20	3.678	3.662	3.723	VV	148	3293	0.06%	0.009%
21	3.761	3.723	3.771	VV	162	3233	0.06%	0.009%
22	3.785	3.771	3.791	VV	105	1170	0.02%	0.003%
23	3.821	3.791	3.841	VV	232	4073	0.07%	0.012%
24	3.891	3.841	3.968	VV	202	10377	0.19%	0.029%
25	4.001	3.968	4.038	VV	190	4854	0.09%	0.014%
26	4.068	4.038	4.081	VV	172	3010	0.05%	0.009%
27	4.089	4.081	4.104	VV	204	2022	0.04%	0.006%
28	4.124	4.104	4.140	VV	280	3179	0.06%	0.009%
29	4.154	4.140	4.178	VV	201	3203	0.06%	0.009%
30	4.196	4.178	4.222	VV	247	4183	0.07%	0.012%
31	4.264	4.222	4.278	VV	182	4663	0.08%	0.013%
32	4.298	4.278	4.338	VV	267	7060	0.13%	0.020%
33	4.349	4.338	4.355	VV	208	1600	0.03%	0.005%
34	4.361	4.355	4.394	VV	242	3159	0.06%	0.009%
35	4.427	4.394	4.450	VV	179	4172	0.07%	0.012%
36	4.484	4.450	4.518	VV	239	6694	0.12%	0.019%

					rteres			
37	4.550	4.518	4.572	VV	478	8665	0.15%	0.025%
38	4.600	4.572	4.658	VV	215	8304	0.15%	0.024%
39	4.668	4.658	4.696	VV	202	3334	0.06%	0.009%
40	4.736	4.696	4.794	VV	422	14053	0.25%	0.040%
41	4.808	4.794	4.820	VV	269	3486	0.06%	0.010%
42	4.831	4.820	4.872	VV	348	6824	0.12%	0.019%
43	4.884	4.872	4.938	VV	217	7288	0.13%	0.021%
44	4.960	4.938	4.978	VV	216	4189	0.07%	0.012%
45	4.986	4.978	5.008	VV	194	2138	0.04%	0.006%
46	5.013	5.008	5.028	VV	192	1321	0.02%	0.004%
47	5.058	5.028	5.074	VV	213	3427	0.06%	0.010%
48	5.081	5.074	5.101	VV	115	1195	0.02%	0.003%
49	5.109	5.101	5.144	VV	73	1179	0.02%	0.003%
50	5.163	5.144	5.191	VV	88	1869	0.03%	0.005%
51	5.218	5.191	5.248	PV	231	5195	0.09%	0.015%
52	5.256	5.248	5.280	VV	155	1707	0.03%	0.005%
53	5.304	5.280	5.327	VV	189	3267	0.06%	0.009%
54	5.337	5.327	5.410	VV	152	4357	0.08%	0.012%
55	5.442	5.410	5.450	VV	84	1001	0.02%	0.003%
56	5.537	5.450	5.614	VV	227	11126	0.20%	0.032%
57	5.619	5.614	5.664	VV	84	2179	0.04%	0.006%
58	5.690	5.664	5.735	VV	378	7462	0.13%	0.021%
59	5.743	5.735	5.781	VV	120	2234	0.04%	0.006%
60	5.785	5.781	5.811	VV	114	1536	0.03%	0.004%
61	5.818	5.811	5.828	VV	141	1041	0.02%	0.003%
62	5.853	5.828	5.906	VV	215	6145	0.11%	0.017%
63	5.947	5.906	5.957	VV	171	3350	0.06%	0.010%
64	5.984	5.957	6.041	VV	238	7500	0.13%	0.021%
65	6.062	6.041	6.148	VV	174	6809	0.12%	0.019%
66	6.163	6.148	6.188	PV	247	2938	0.05%	0.008%
67	6.197	6.188	6.241	VV	144	2502	0.04%	0.007%
68	6.295	6.241	6.400	VV	1857	90200	1.61%	0.256%
69	6.426	6.400	6.564	VV	1275	55441	0.99%	0.157%
70	6.567	6.564	6.604	VV	424	6936	0.12%	0.020%
71	6.621	6.604	6.662	VV	393	10499	0.19%	0.030%
72	6.685	6.662	6.699	VV	335	5765	0.10%	0.016%
73	6.722	6.699	6.764	VV	487	10438	0.19%	0.030%
74	6.783	6.764	6.853	VV	270	8454	0.15%	0.024%
75	6.871	6.853	6.919	VV	282	6474	0.12%	0.018%
76	6.925	6.919	6.931	VV	113	739	0.01%	0.002%
77	6.938	6.931	6.959	VV	168	1528	0.03%	0.004%
78	6.979	6.959	6.997	VV	150	1509	0.03%	0.004%
79	7.040	6.997	7.086	PV	159	4491	0.08%	0.013%
80	7.108	7.086	7.124	VV	122	1428	0.03%	0.004%
81	7.130	7.124	7.141	VV	60	576	0.01%	0.002%
82	7.155	7.141	7.165	VV	119	835	0.01%	0.002%
83	7.248	7.165	7.268	PV	186	5780	0.10%	0.016%
84	7.289	7.268	7.320	VV	166	2821	0.05%	0.008%
85	7.338	7.320	7.384	VV	175	4024	0.07%	0.011%
86	7.414	7.384	7.423	VV	156	2928	0.05%	0.008%
87	7.438	7.423	7.475	VV	412	7561	0.13%	0.021%
88	7.542	7.475	7.552	VV	381	9214	0.16%	0.026%
89	7.562	7.552	7.594	VV	302	6696	0.12%	0.019%

					rteres			
90	7.626	7.594	7.641	VV	352	8685	0.15%	0.025%
91	7.669	7.641	7.691	VV	487	11704	0.21%	0.033%
92	7.699	7.691	7.743	VV	353	9774	0.17%	0.028%
93	7.757	7.743	7.814	VV	348	9140	0.16%	0.026%
94	7.845	7.814	7.872	VV	334	7175	0.13%	0.020%
95	7.883	7.872	7.904	VV	188	2599	0.05%	0.007%
96	7.920	7.904	7.937	VV	176	2403	0.04%	0.007%
97	7.959	7.937	8.028	VV	538	11055	0.20%	0.031%
98	8.034	8.028	8.058	VV	137	2072	0.04%	0.006%
99	8.083	8.058	8.113	VV	303	7109	0.13%	0.020%
100	8.130	8.113	8.174	VV	557	10547	0.19%	0.030%
101	8.185	8.174	8.222	VV	164	3227	0.06%	0.009%
102	8.246	8.222	8.278	VV	167	3301	0.06%	0.009%
103	8.310	8.278	8.344	VV	251	5619	0.10%	0.016%
104	8.367	8.344	8.404	VV	302	7175	0.13%	0.020%
105	8.418	8.404	8.450	VV	346	6882	0.12%	0.020%
106	8.527	8.450	8.634	VV	4022	94910	1.69%	0.269%
107	8.661	8.634	8.673	VV	342	5857	0.10%	0.017%
108	8.704	8.673	8.863	VV	774	37982	0.68%	0.108%
109	8.881	8.863	8.897	PV	147	1954	0.03%	0.006%
110	8.921	8.897	8.961	VV	124	4136	0.07%	0.012%
111	8.988	8.961	9.027	VV	580	13981	0.25%	0.040%
112	9.090	9.027	9.183	VV	663	28636	0.51%	0.081%
113	9.235	9.183	9.278	VV	304	11497	0.21%	0.033%
114	9.299	9.278	9.344	VV	478	12648	0.23%	0.036%
115	9.382	9.344	9.461	VV	977	28070	0.50%	0.080%
116	9.471	9.461	9.534	VV	287	4887	0.09%	0.014%
117	9.556	9.534	9.648	VV	223	7092	0.13%	0.020%
118	9.682	9.648	9.705	PV	149	3264	0.06%	0.009%
119	9.842	9.705	9.914	VV	623	40369	0.72%	0.115%
120	9.939	9.914	9.971	VV	320	7794	0.14%	0.022%
121	9.999	9.971	10.031	VV	357	6445	0.11%	0.018%
122	10.072	10.031	10.468	PV	9967	538554	9.61%	1.529%
123	10.529	10.468	10.607	VV	2127	62226	1.11%	0.177%
124	10.637	10.607	10.671	VV	470	14280	0.25%	0.041%
125	10.692	10.671	10.751	VV	336	12575	0.22%	0.036%
126	10.787	10.751	10.808	VV	362	8401	0.15%	0.024%
127	10.829	10.808	10.854	VV	522	9268	0.17%	0.026%
128	10.904	10.854	10.934	VV	970	22930	0.41%	0.065%
129	10.973	10.934	11.004	VV	874	22481	0.40%	0.064%
130	11.026	11.004	11.081	VV	614	19460	0.35%	0.055%
131	11.126	11.081	11.170	VV	547	13522	0.24%	0.038%
132	11.211	11.170	11.277	PV	4005	132553	2.36%	0.376%
133	11.299	11.277	11.467	VV	1561	88993	1.59%	0.253%
134	11.542	11.467	11.567	VV	699	14075	0.25%	0.040%
135	11.609	11.567	11.648	VV	1229	25391	0.45%	0.072%
136	11.700	11.648	11.758	VV	536	18671	0.33%	0.053%
137	11.806	11.758	11.833	VV	623	12267	0.22%	0.035%
138	11.854	11.833	11.891	VV	262	3992	0.07%	0.011%
139	11.933	11.891	12.018	PV	507821	5604970	100.00%	15.909%
140	12.041	12.018	12.090	VV	4174	113919	2.03%	0.323%
141	12.114	12.090	12.174	VV	1984	71723	1.28%	0.204%

					rteres			
142	12.187	12.174	12.250	VV	1166	34293	0.61%	0.097%
143	12.279	12.250	12.316	VV	994	17117	0.31%	0.049%
144	12.468	12.316	12.521	PV	3244	149818	2.67%	0.425%
145	12.545	12.521	12.718	VV	26626	591362	10.55%	1.679%
146	12.741	12.718	12.784	VV	2720	51081	0.91%	0.145%
147	12.822	12.784	12.838	VV	925	23202	0.41%	0.066%
148	12.855	12.838	12.876	VV	989	16443	0.29%	0.047%
149	12.918	12.876	12.958	VV	1926	64749	1.16%	0.184%
150	13.020	12.958	13.161	VV	12664	388564	6.93%	1.103%
151	13.180	13.161	13.244	VV	896	34149	0.61%	0.097%
152	13.267	13.244	13.290	VV	4083	56144	1.00%	0.159%
153	13.321	13.290	13.341	VV	11433	196784	3.51%	0.559%
154	13.370	13.341	13.454	VV	281647	3513068	62.68%	9.971%
155	13.472	13.454	13.504	VV	3167	57107	1.02%	0.162%
156	13.534	13.504	13.554	VV	1736	35257	0.63%	0.100%
157	13.586	13.554	13.609	VV	3166	57684	1.03%	0.164%
158	13.649	13.609	13.724	VV	2359	113981	2.03%	0.324%
159	13.737	13.724	13.761	VV	1107	21775	0.39%	0.062%
160	13.790	13.761	13.867	VV	3378	108612	1.94%	0.308%
161	13.931	13.867	14.015	VV	2250	111673	1.99%	0.317%
162	14.077	14.015	14.104	VV	2915	84044	1.50%	0.239%
163	14.121	14.104	14.144	VV	2197	34787	0.62%	0.099%
164	14.191	14.144	14.224	VV	1540	56933	1.02%	0.162%
165	14.242	14.224	14.320	VV	1244	46041	0.82%	0.131%
166	14.351	14.320	14.374	VV	540	12223	0.22%	0.035%
167	14.393	14.374	14.461	VV	407	13469	0.24%	0.038%
168	14.524	14.461	14.596	VV	1411	51508	0.92%	0.146%
169	14.640	14.596	14.661	VV	872	22662	0.40%	0.064%
170	14.685	14.661	14.708	VV	2586	33931	0.61%	0.096%
171	14.751	14.708	14.774	VV	1558	36073	0.64%	0.102%
172	14.792	14.774	14.834	VV	1075	22987	0.41%	0.065%
173	14.903	14.834	15.001	VV	1716	81434	1.45%	0.231%
174	15.082	15.001	15.157	VV	1014	49706	0.89%	0.141%
175	15.225	15.157	15.244	PV	8972	174371	3.11%	0.495%
176	15.263	15.244	15.350	VV	6744	211677	3.78%	0.601%
177	15.371	15.350	15.406	VV	1336	34475	0.62%	0.098%
178	15.423	15.406	15.481	VV	623	17561	0.31%	0.050%
179	15.616	15.481	15.718	VV	20356	436533	7.79%	1.239%
180	15.748	15.718	15.789	VV	4881	81591	1.46%	0.232%
181	15.821	15.789	15.864	VV	5594	84903	1.51%	0.241%
182	15.901	15.864	15.928	VV	1488	33274	0.59%	0.094%
183	15.944	15.928	15.984	VV	1100	21861	0.39%	0.062%
184	16.070	15.984	16.103	VV	1006	46316	0.83%	0.131%
185	16.135	16.103	16.189	VV	974	24660	0.44%	0.070%
186	16.251	16.189	16.286	VV	4770	75257	1.34%	0.214%
187	16.320	16.286	16.361	VV	753	14791	0.26%	0.042%
188	16.387	16.361	16.408	VV	295	3674	0.07%	0.010%
189	16.456	16.408	16.478	PV	406	11680	0.21%	0.033%
190	16.497	16.478	16.521	VV	407	5885	0.10%	0.017%
191	16.549	16.521	16.567	PV	710	12056	0.22%	0.034%
192	16.632	16.567	16.678	VV	6792	157159	2.80%	0.446%
193	16.735	16.678	16.762	VV	5610	112348	2.00%	0.319%
194	16.794	16.762	16.871	VV	8091	277663	4.95%	0.788%

					rteres			
195	16.926	16.871	16.998	VV	1878	78337	1.40%	0.222%
196	17.037	16.998	17.055	PV	766	13802	0.25%	0.039%
197	17.115	17.055	17.151	VV	5289	114551	2.04%	0.325%
198	17.199	17.151	17.232	VV	9017	227319	4.06%	0.645%
199	17.250	17.232	17.358	VV	3592	114778	2.05%	0.326%
200	17.443	17.358	17.511	VV	1128	43676	0.78%	0.124%
201	17.577	17.511	17.618	PV	3960	104390	1.86%	0.296%
202	17.654	17.618	17.710	VV	8967	149850	2.67%	0.425%
203	17.736	17.710	17.764	VV	1160	28584	0.51%	0.081%
204	17.866	17.764	17.904	VV	1120	61517	1.10%	0.175%
205	17.982	17.904	18.001	PV	431	7810	0.14%	0.022%
206	18.092	18.001	18.124	PV	6051	118514	2.11%	0.336%
207	18.183	18.124	18.209	PV	3041	60221	1.07%	0.171%
208	18.275	18.209	18.294	VV	1108	35514	0.63%	0.101%
209	18.323	18.294	18.351	VV	2252	38272	0.68%	0.109%
210	18.417	18.351	18.433	VV	6305	111729	1.99%	0.317%
211	18.459	18.433	18.494	VV	12228	261819	4.67%	0.743%
212	18.516	18.494	18.551	VV	10175	176633	3.15%	0.501%
213	18.611	18.551	18.693	VV	5753	240767	4.30%	0.683%
214	18.748	18.693	18.763	VV	2037	55376	0.99%	0.157%
215	18.825	18.763	18.868	VV	5070	164821	2.94%	0.468%
216	18.924	18.868	18.984	VV	10166	297406	5.31%	0.844%
217	19.049	18.984	19.150	VV	6524	335394	5.98%	0.952%
218	19.215	19.150	19.229	VV	3375	125447	2.24%	0.356%
219	19.290	19.229	19.311	VV	16940	393245	7.02%	1.116%
220	19.326	19.311	19.384	VV	12009	324480	5.79%	0.921%
221	19.406	19.384	19.424	VV	4911	101458	1.81%	0.288%
222	19.449	19.424	19.494	VV	4334	166038	2.96%	0.471%
223	19.565	19.494	19.601	VV	6539	289164	5.16%	0.821%
224	19.628	19.601	19.681	VV	4559	179144	3.20%	0.508%
225	19.712	19.681	19.754	VV	7912	214899	3.83%	0.610%
226	19.788	19.754	19.864	VV	6918	344946	6.15%	0.979%
227	19.909	19.864	19.931	VV	5241	192204	3.43%	0.546%
228	20.012	19.931	20.038	VV	9257	429393	7.66%	1.219%
229	20.085	20.038	20.156	VV	14078	726368	12.96%	2.062%
230	20.179	20.156	20.218	VV	8293	301555	5.38%	0.856%
231	20.338	20.218	20.368	VV	13957	865101	15.43%	2.455%
232	20.396	20.368	20.414	VV	14216	349308	6.23%	0.991%
233	20.453	20.414	20.507	VV	14655	677705	12.09%	1.924%
234	20.618	20.507	20.654	VV	23573	1206965	21.53%	3.426%
235	20.721	20.654	20.736	VV	13988	672154	11.99%	1.908%
236	20.838	20.736	20.864	VV	16684	1150859	20.53%	3.267%
237	20.924	20.864	20.951	VV	17088	835861	14.91%	2.372%
238	21.014	20.951	21.074	VV	18939	1270480	22.67%	3.606%
239	21.125	21.074	21.181	VV	15795	945889	16.88%	2.685%
240	21.198	21.181	21.261	VV	14291	597649	10.66%	1.696%
241	21.448	21.261	21.564	VV	13494	2052822	36.63%	5.827%
242	21.632	21.564	21.688	VV	9886	627815	11.20%	1.782%
243	21.705	21.688	21.736	VV	8342	227900	4.07%	0.647%
244	21.751	21.736	21.858	VV	7732	476314	8.50%	1.352%
245	21.938	21.858	21.978	VV	6129	382409	6.82%	1.085%
246	21.986	21.978	22.084	VV	5859	267690	4.78%	0.760%

					rteres		
247	22.127	22.084	22.243	VV	4412	226410	4.04% 0.643%
					Sum of corrected areas:	35231535	

Aliphatic EPH 112725.M Fri Dec 05 10:47:13 2025

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-3B	SDG No.:	Q3742
Lab Sample ID:	Q3742-12	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.3
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL
Prep Method :		Prep Date :	12/04/25
		Test:	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	1.90	J	1	1.02	4.47	mg/kg	FE057179.D	12/05/25 0:41	PB170826
Total EPH	Total EPH	1.90	J		1.02	4.47	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-3B	SDG No.:	Q3742
Lab Sample ID:	Q3742-12	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.3
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL
Prep Method :		Prep Date	12/04/25
		Test:	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	1.90	J	1	1.02	4.47	mg/kg	12/05/25	PB170826
Aliphatic C28-C40	Aliphatic C28-C40	4.14		1	1.32	2.24	mg/kg	12/05/25	PB170826
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	20.5			40 - 140	41%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	23.9			40 - 140	48%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3742-12	Acq On:	05 Dec 2025 00:41
Client Sample ID:	SB-1125-3B	Operator:	YP\AJ
Data file:	FE057179.D	Misc:	
Instrument:	FID_E	ALS Vial:	29
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.194	6.819	265935	1.325	300	ug/ml
Aliphatic C12-C16	6.820	10.265	643526	3.167	200	ug/ml
Aliphatic C16-C21	10.266	13.639	4426503	22.32	300	ug/ml
Aliphatic C21-C28	13.640	17.309	1084683	5.458	400	ug/ml
Aliphatic C28-C40	17.310	22.235	11094270	55.499	600	ug/ml
Aliphatic EPH	3.194	22.235	17514917	87.77		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	5247927	23.91		ug/ml
1-chlorooctadecane (SURR)	13.371	13.371	3413588	20.51		ug/ml
Aliphatic C9-C28	3.194	17.309	6420647	32.27	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057179.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 00:41
 Operator : YP\AJ
 Sample : Q3742-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SB-1125-3B

Integration File: autoint1.e
 Quant Time: Dec 05 04:06:45 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)	11.933	5247927	23.915 ug/ml
Spiked Amount 50.000		Recovery =	47.83%
12) S 1-chlorooctadecane (S...	13.371	3413588	20.511 ug/ml
Spiked Amount 50.000		Recovery =	41.02%

Target Compounds

(f)=RT Delta > 1/2 Window

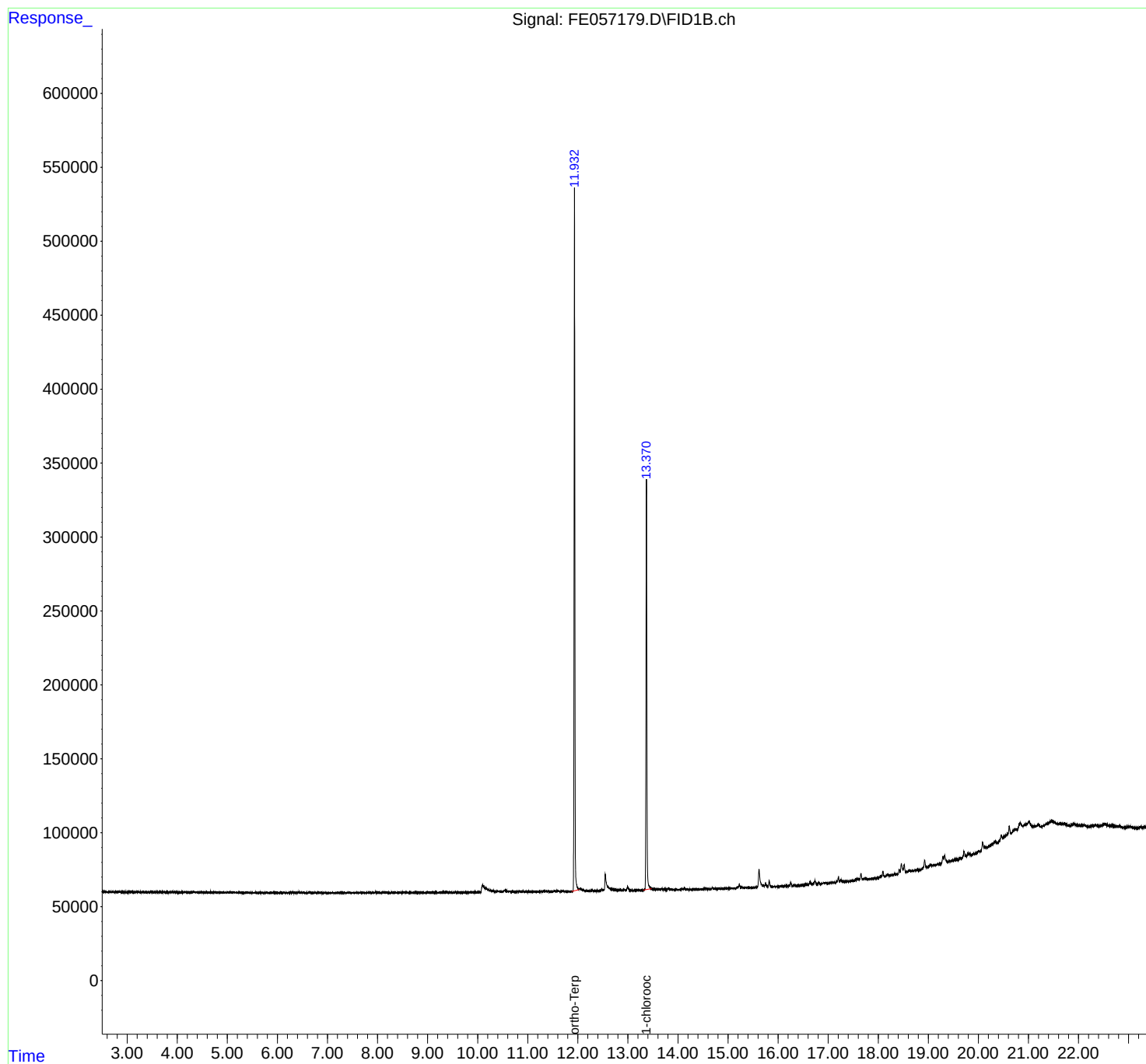
(m)=manual int.

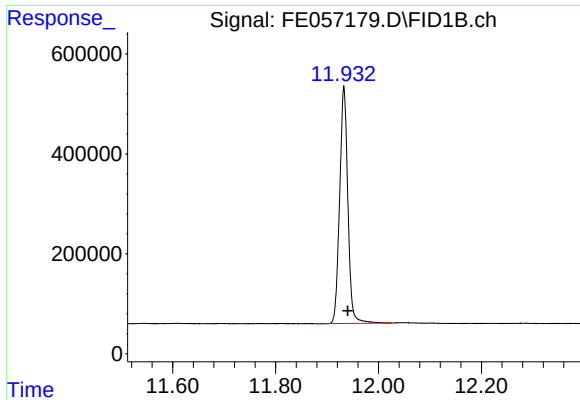
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
Data File : FE057179.D
Signal(s) : FID1B.ch
Acq On : 05 Dec 2025 00:41
Operator : YP\AJ
Sample : Q3742-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-3B

Integration File: autoint1.e
Quant Time: Dec 05 04:06:45 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

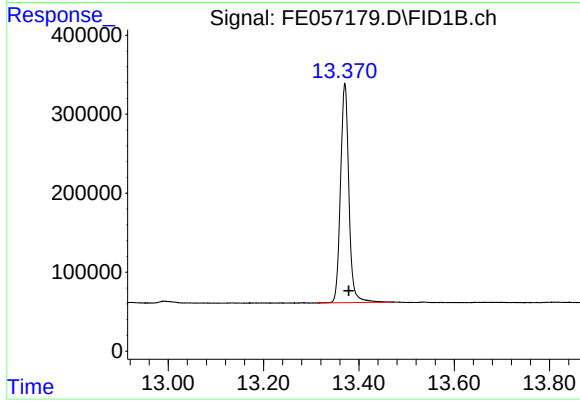




#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: -0.007 min
Response: 5247927
Conc: 23.91 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-3B



#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: -0.008 min
Response: 3413588
Conc: 20.51 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057179.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 00:41
 Sample : Q3742-12
 Misc :
 ALS Vial : 29 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	2.595	2.541	2.621	BV	52	899	0.02%	0.004%
2	2.624	2.621	2.632	VV	119	271	0.01%	0.001%
3	2.658	2.632	2.704	PV	165	3546	0.07%	0.016%
4	2.714	2.704	2.731	VV	141	1525	0.03%	0.007%
5	2.744	2.731	2.760	VV	132	1685	0.03%	0.007%
6	2.773	2.760	2.788	VV	118	1331	0.03%	0.006%
7	2.797	2.788	2.839	PV	155	3274	0.06%	0.014%
8	2.844	2.839	2.885	VV	153	2904	0.05%	0.013%
9	2.890	2.885	2.962	VV	195	4192	0.08%	0.018%
10	2.975	2.962	3.022	VV	184	3204	0.06%	0.014%
11	3.052	3.022	3.064	PV	132	2327	0.04%	0.010%
12	3.077	3.064	3.109	VV	156	2926	0.06%	0.013%
13	3.119	3.109	3.138	VV	177	2149	0.04%	0.009%
14	3.166	3.138	3.201	VV	190	5395	0.10%	0.024%
15	3.209	3.201	3.218	VV	163	1334	0.03%	0.006%
16	3.246	3.218	3.271	VV	182	4942	0.09%	0.022%
17	3.275	3.271	3.282	VV	145	878	0.02%	0.004%
18	3.298	3.282	3.307	VV	151	2061	0.04%	0.009%
19	3.321	3.307	3.455	VV	184	11765	0.22%	0.051%
20	3.481	3.455	3.498	VV	208	4288	0.08%	0.019%
21	3.507	3.498	3.529	VV	176	3242	0.06%	0.014%
22	3.544	3.529	3.602	VV	204	7642	0.14%	0.033%
23	3.616	3.602	3.653	VV	236	5122	0.10%	0.022%
24	3.668	3.653	3.723	VV	216	6863	0.13%	0.030%
25	3.732	3.723	3.758	VV	213	3268	0.06%	0.014%
26	3.761	3.758	3.768	VV	197	943	0.02%	0.004%
27	3.776	3.768	3.795	VV	215	2571	0.05%	0.011%
28	3.810	3.795	3.892	VV	193	8404	0.16%	0.037%
29	3.915	3.892	3.931	VV	164	3651	0.07%	0.016%
30	3.946	3.931	4.021	VV	173	6804	0.13%	0.030%
31	4.036	4.021	4.075	VV	193	4265	0.08%	0.019%
32	4.091	4.075	4.105	VV	224	2393	0.05%	0.010%
33	4.130	4.105	4.214	VV	139	7594	0.14%	0.033%
34	4.224	4.214	4.244	VV	163	2731	0.05%	0.012%
35	4.253	4.244	4.281	VV	139	2788	0.05%	0.012%
36	4.308	4.281	4.348	VV	180	5142	0.10%	0.023%

					rteres			
37	4.366	4.348	4.395	VV	208	4501	0.08%	0.020%
38	4.406	4.395	4.421	VV	146	2088	0.04%	0.009%
39	4.430	4.421	4.445	VV	204	1995	0.04%	0.009%
40	4.462	4.445	4.603	VV	137	14256	0.27%	0.062%
41	4.615	4.603	4.651	VV	199	4859	0.09%	0.021%
42	4.664	4.651	4.714	VV	464	6491	0.12%	0.028%
43	4.732	4.714	4.808	VV	314	11259	0.21%	0.049%
44	4.822	4.808	4.832	VV	163	2080	0.04%	0.009%
45	4.840	4.832	4.874	VV	159	3652	0.07%	0.016%
46	4.895	4.874	4.913	VV	238	2980	0.06%	0.013%
47	4.925	4.913	4.954	VV	140	3001	0.06%	0.013%
48	4.964	4.954	4.972	VV	153	1456	0.03%	0.006%
49	5.002	4.972	5.025	VV	243	4364	0.08%	0.019%
50	5.060	5.025	5.142	VV	214	10063	0.19%	0.044%
51	5.147	5.142	5.171	VV	208	1991	0.04%	0.009%
52	5.254	5.171	5.343	VV	215	13181	0.25%	0.058%
53	5.357	5.343	5.415	VV	89	2877	0.05%	0.013%
54	5.431	5.415	5.461	PV	128	1903	0.04%	0.008%
55	5.513	5.461	5.589	VV	170	6422	0.12%	0.028%
56	5.603	5.589	5.673	VV	115	3340	0.06%	0.015%
57	5.689	5.673	5.794	VV	123	5025	0.09%	0.022%
58	5.841	5.794	5.937	PV	152	6091	0.11%	0.027%
59	6.014	5.937	6.030	VV	162	4621	0.09%	0.020%
60	6.054	6.030	6.105	VV	142	3425	0.06%	0.015%
61	6.118	6.105	6.142	PV	57	1396	0.03%	0.006%
62	6.157	6.142	6.185	VV	90	981	0.02%	0.004%
63	6.267	6.185	6.375	VV	185	8965	0.17%	0.039%
64	6.428	6.375	6.581	VV	653	20143	0.38%	0.088%
65	6.651	6.581	6.721	VV	186	8545	0.16%	0.037%
66	6.743	6.721	6.782	VV	131	3416	0.06%	0.015%
67	6.813	6.782	6.831	VV	120	1877	0.04%	0.008%
68	6.872	6.831	6.900	PV	208	4063	0.08%	0.018%
69	6.917	6.900	6.945	VV	128	1760	0.03%	0.008%
70	6.959	6.945	7.008	VV	132	2248	0.04%	0.010%
71	7.025	7.008	7.042	VV	157	1444	0.03%	0.006%
72	7.090	7.042	7.180	VV	147	5781	0.11%	0.025%
73	7.196	7.180	7.218	VV	62	1161	0.02%	0.005%
74	7.297	7.218	7.391	VV	167	8736	0.16%	0.038%
75	7.407	7.391	7.426	VV	154	2194	0.04%	0.010%
76	7.446	7.426	7.498	VV	198	4628	0.09%	0.020%
77	7.508	7.498	7.550	VV	137	2902	0.05%	0.013%
78	7.617	7.550	7.765	VV	256	16899	0.32%	0.074%
79	7.790	7.765	7.863	PV	171	6474	0.12%	0.028%
80	7.888	7.863	7.916	VV	126	2489	0.05%	0.011%
81	7.960	7.916	8.031	VV	401	10342	0.20%	0.045%
82	8.089	8.031	8.118	VV	300	10090	0.19%	0.044%
83	8.135	8.118	8.185	VV	442	9135	0.17%	0.040%
84	8.207	8.185	8.226	VV	141	3123	0.06%	0.014%
85	8.243	8.226	8.265	VV	145	2644	0.05%	0.012%
86	8.278	8.265	8.295	VV	162	2073	0.04%	0.009%
87	8.310	8.295	8.338	VV	188	2788	0.05%	0.012%
88	8.370	8.338	8.396	VV	135	3713	0.07%	0.016%
89	8.562	8.396	8.649	VV	383	29817	0.56%	0.130%

					rteres			
90	8.695	8.649	8.728	VV	199	5316	0.10%	0.023%
91	8.733	8.728	8.775	VV	144	2610	0.05%	0.011%
92	8.829	8.775	8.865	VV	167	5268	0.10%	0.023%
93	8.879	8.865	8.970	VV	128	5216	0.10%	0.023%
94	9.007	8.970	9.033	VV	120	4162	0.08%	0.018%
95	9.092	9.033	9.200	VV	332	13491	0.25%	0.059%
96	9.226	9.200	9.258	VV	140	4325	0.08%	0.019%
97	9.299	9.258	9.361	VV	354	12653	0.24%	0.055%
98	9.386	9.361	9.505	VV	510	17391	0.33%	0.076%
99	9.569	9.505	9.608	VV	233	6735	0.13%	0.029%
100	9.625	9.608	9.671	VV	125	2357	0.04%	0.010%
101	9.764	9.671	9.782	VV	223	5218	0.10%	0.023%
102	9.851	9.782	9.916	PV	230	14527	0.27%	0.064%
103	9.945	9.916	9.967	VV	255	4964	0.09%	0.022%
104	9.999	9.967	10.050	VV	332	7760	0.15%	0.034%
105	10.095	10.050	10.485	VV	4592	397029	7.49%	1.737%
106	10.535	10.485	10.619	VV	1383	56784	1.07%	0.248%
107	10.647	10.619	10.748	VV	449	24090	0.45%	0.105%
108	10.831	10.748	10.860	VV	375	17951	0.34%	0.079%
109	10.906	10.860	10.955	VV	573	17989	0.34%	0.079%
110	10.971	10.955	11.001	VV	297	6281	0.12%	0.027%
111	11.027	11.001	11.085	VV	182	8322	0.16%	0.036%
112	11.126	11.085	11.198	VV	342	10652	0.20%	0.047%
113	11.320	11.198	11.458	VV	346	31105	0.59%	0.136%
114	11.483	11.458	11.518	VV	183	4927	0.09%	0.022%
115	11.544	11.518	11.570	VV	624	10897	0.21%	0.048%
116	11.610	11.570	11.664	VV	669	17223	0.32%	0.075%
117	11.697	11.664	11.735	VV	323	7122	0.13%	0.031%
118	11.773	11.735	11.841	VV	200	7511	0.14%	0.033%
119	11.848	11.841	11.879	VV	143	1608	0.03%	0.007%
120	11.933	11.879	12.023	PV	469279	5301148	100.00%	23.198%
121	12.047	12.023	12.156	VV	1815	81026	1.53%	0.355%
122	12.177	12.156	12.201	VV	299	7683	0.14%	0.034%
123	12.221	12.201	12.248	VV	396	8052	0.15%	0.035%
124	12.282	12.248	12.361	VV	665	18307	0.35%	0.080%
125	12.373	12.361	12.395	VV	186	3077	0.06%	0.013%
126	12.486	12.395	12.521	VV	1246	41004	0.77%	0.179%
127	12.550	12.521	12.808	VV	10683	382660	7.22%	1.675%
128	12.856	12.808	12.887	VV	710	22562	0.43%	0.099%
129	12.922	12.887	12.968	VV	992	23620	0.45%	0.103%
130	12.994	12.968	13.105	VV	2431	58582	1.11%	0.256%
131	13.137	13.105	13.160	VV	187	3127	0.06%	0.014%
132	13.197	13.160	13.250	PV	158	6074	0.11%	0.027%
133	13.283	13.250	13.298	VV	286	3994	0.08%	0.017%
134	13.370	13.298	13.514	VV	279717	3502238	66.07%	15.326%
135	13.535	13.514	13.631	VV	1114	42035	0.79%	0.184%
136	13.669	13.631	13.757	VV	680	40326	0.76%	0.176%
137	13.808	13.757	13.925	VV	759	44560	0.84%	0.195%
138	13.964	13.925	14.028	VV	317	13580	0.26%	0.059%
139	14.078	14.028	14.101	VV	843	17133	0.32%	0.075%
140	14.123	14.101	14.204	VV	1147	21569	0.41%	0.094%
141	14.237	14.204	14.257	VV	240	3781	0.07%	0.017%

					rteres			
142	14.288	14.257	14.311	VV	148	3562	0.07%	0.016%
143	14.340	14.311	14.408	VV	222	6950	0.13%	0.030%
144	14.421	14.408	14.445	VV	87	1236	0.02%	0.005%
145	14.563	14.445	14.621	PV	741	30104	0.57%	0.132%
146	14.639	14.621	14.659	VV	287	3910	0.07%	0.017%
147	14.687	14.659	14.718	VV	1264	17752	0.33%	0.078%
148	14.753	14.718	14.778	VV	485	8184	0.15%	0.036%
149	14.838	14.778	14.891	VV	287	9842	0.19%	0.043%
150	14.980	14.891	15.006	VV	108	3553	0.07%	0.016%
151	15.086	15.006	15.145	VV	273	9385	0.18%	0.041%
152	15.226	15.145	15.261	PV	2317	52592	0.99%	0.230%
153	15.283	15.261	15.322	VV	685	13472	0.25%	0.059%
154	15.336	15.322	15.376	VV	215	5677	0.11%	0.025%
155	15.401	15.376	15.485	VV	240	9060	0.17%	0.040%
156	15.619	15.485	15.728	VV	12257	309087	5.83%	1.353%
157	15.749	15.728	15.795	VV	2646	51797	0.98%	0.227%
158	15.822	15.795	15.921	VV	4456	74509	1.41%	0.326%
159	15.949	15.921	15.988	VV	154	4152	0.08%	0.018%
160	16.077	15.988	16.096	PV	205	4201	0.08%	0.018%
161	16.139	16.096	16.193	PV	460	13320	0.25%	0.058%
162	16.252	16.193	16.298	VV	2489	44872	0.85%	0.196%
163	16.323	16.298	16.358	VV	363	7795	0.15%	0.034%
164	16.374	16.358	16.405	VV	160	2322	0.04%	0.010%
165	16.554	16.405	16.581	PV	458	14464	0.27%	0.063%
166	16.638	16.581	16.685	PV	1811	45322	0.85%	0.198%
167	16.736	16.685	16.778	VV	2667	52980	1.00%	0.232%
168	16.812	16.778	16.848	VV	1186	17932	0.34%	0.078%
169	16.914	16.848	16.951	PV	603	17227	0.32%	0.075%
170	16.970	16.951	16.998	VV	348	5846	0.11%	0.026%
171	17.118	16.998	17.137	PV	254	15508	0.29%	0.068%
172	17.204	17.137	17.230	VV	3164	54197	1.02%	0.237%
173	17.252	17.230	17.325	VV	1777	32924	0.62%	0.144%
174	17.584	17.325	17.611	PV	1093	38098	0.72%	0.167%
175	17.656	17.611	17.698	VV	4549	82824	1.56%	0.362%
176	17.740	17.698	17.805	VV	731	30911	0.58%	0.135%
177	17.869	17.805	17.901	VV	392	11116	0.21%	0.049%
178	18.093	17.901	18.140	PV	4124	93288	1.76%	0.408%
179	18.186	18.140	18.251	VV	1418	36601	0.69%	0.160%
180	18.327	18.251	18.351	PV	806	17509	0.33%	0.077%
181	18.418	18.351	18.434	VV	3044	42945	0.81%	0.188%
182	18.462	18.434	18.494	VV	6467	136448	2.57%	0.597%
183	18.517	18.494	18.555	VV	5496	95824	1.81%	0.419%
184	18.620	18.555	18.648	VV	993	20859	0.39%	0.091%
185	18.927	18.648	18.983	VV	5314	73478	1.39%	0.322%
186	19.039	18.983	19.075	PV	1277	34258	0.65%	0.150%
187	19.087	19.075	19.108	VV	583	9618	0.18%	0.042%
188	19.196	19.108	19.241	VV	601	25807	0.49%	0.113%
189	19.327	19.241	19.388	VV	5382	196895	3.71%	0.862%
190	19.528	19.388	19.548	VV	1158	45135	0.85%	0.198%
191	19.570	19.548	19.593	VV	715	12046	0.23%	0.053%
192	19.634	19.593	19.665	VV	879	21457	0.40%	0.094%
193	19.713	19.665	19.768	VV	4714	115626	2.18%	0.506%
194	19.790	19.768	19.858	VV	2851	100539	1.90%	0.440%

					rteres			
195	20.087	19.858	20.148	VV	7122	446634	8.43%	1.954%
196	20.339	20.148	20.384	VV	6345	662150	12.49%	2.898%
197	20.456	20.384	20.488	VV	9274	423332	7.99%	1.853%
198	20.617	20.488	20.655	VV	14096	924008	17.43%	4.043%
199	20.836	20.655	20.887	VV	14172	1595321	30.09%	6.981%
200	20.929	20.887	20.945	VV	13013	425083	8.02%	1.860%
201	21.008	20.945	21.103	VV	13945	1131354	21.34%	4.951%
202	21.136	21.103	21.155	VV	9911	303932	5.73%	1.330%
203	21.199	21.155	21.248	VV	10607	535651	10.10%	2.344%
204	21.463	21.248	21.601	VV	10345	1921388	36.24%	8.408%
205	21.640	21.601	21.698	VV	7435	406655	7.67%	1.780%
206	21.719	21.698	21.835	VV	6753	441917	8.34%	1.934%
207	21.926	21.835	22.038	VV	4691	468349	8.83%	2.050%
208	22.061	22.038	22.083	VV	2469	64365	1.21%	0.282%
209	22.106	22.083	22.185	VV	2399	95021	1.79%	0.416%
210	22.196	22.185	22.223	VV	526	7828	0.15%	0.034%

Sum of corrected areas: 22851698

Aliphatic EPH 112725.M Fri Dec 05 10:47:31 2025

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-3C	SDG No.:	Q3742
Lab Sample ID:	Q3742-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.6
Sample Wt/Vol:	30.02 g	Test:	EPH_F2
Prep Method :	Final Vol: 2000 uL Prep Date : 12/04/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
------------	-----------	-------	------	----	-----	------------	-------	----------	-----------	--------------

TARGETS

Aliphatic C9-C28	Aliphatic C9-C28	1.98	J	1	1.17	5.16	mg/kg	FE057244.D	12/09/25 12:54	PB170826
Total EPH	Total EPH	1.98	J		1.17	5.16	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-3C	SDG No.:	Q3742
Lab Sample ID:	Q3742-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.6
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2
	Prep Date	12/04/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	1.98	J	1	1.17	5.16	mg/kg	12/09/25	PB170826
Aliphatic C28-C40	Aliphatic C28-C40	10.1		1	1.52	2.58	mg/kg	12/09/25	PB170826
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.4			40 - 140	49%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	27.6			40 - 140	55%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3742-13	Acq On:	09 Dec 2025 12:54
Client Sample ID:	SB-1125-3C	Operator:	YP\AJ
Data file:	FE057244.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.193	6.818	515776	2.57	300	ug/ml
Aliphatic C12-C16	6.819	10.263	651894	3.208	200	ug/ml
Aliphatic C16-C21	10.264	13.636	1232159	6.213	300	ug/ml
Aliphatic C21-C28	13.637	17.304	2210471	11.122	400	ug/ml
Aliphatic C28-C40	17.305	22.230	23471337	117.415	600	ug/ml
Aliphatic EPH	3.193	22.230	28081637	140.53		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	6066914	27.65		ug/ml
1-chlorooctadecane (SURR)	13.370	13.370	4065764	24.43		ug/ml
Aliphatic C9-C28	3.193	17.304	4610300	23.113	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
 Data File : FE057244.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2025 12:54
 Operator : YP\AJ
 Sample : Q3742-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SB-1125-3C

Integration File: autoint1.e
 Quant Time: Dec 10 00:17:27 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)	11.933	6066914	27.647 ug/ml
Spiked Amount 50.000		Recovery =	55.29%
12) S 1-chlorooctadecane (S...	13.370	4065764	24.430 ug/ml
Spiked Amount 50.000		Recovery =	48.86%

Target Compounds

(f)=RT Delta > 1/2 Window

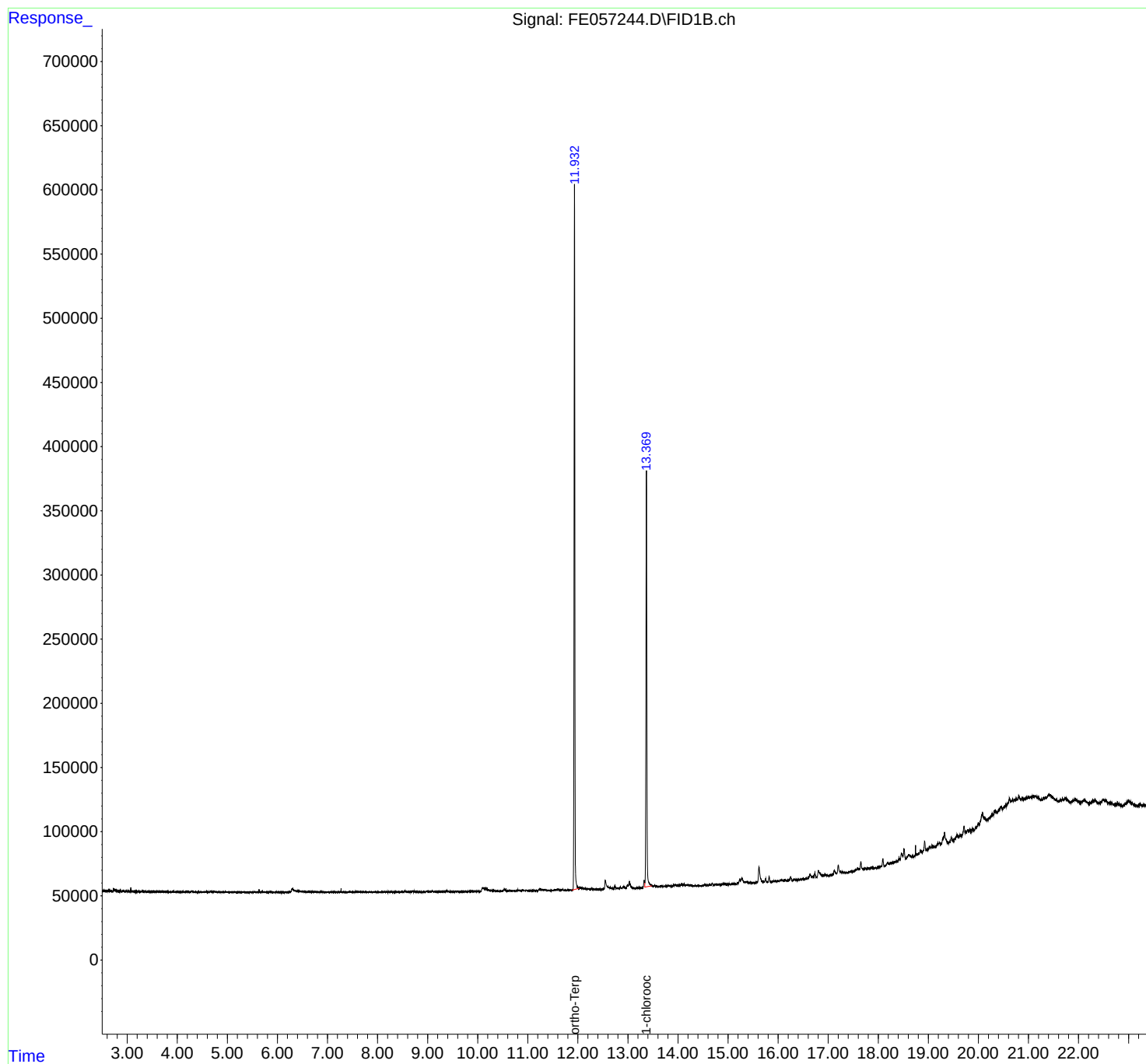
(m)=manual int.

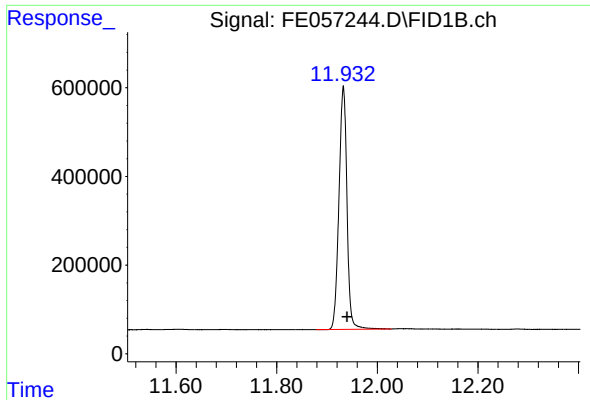
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
Data File : FE057244.D
Signal(s) : FID1B.ch
Acq On : 09 Dec 2025 12:54
Operator : YP\AJ
Sample : Q3742-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-3C

Integration File: autoint1.e
Quant Time: Dec 10 00:17:27 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

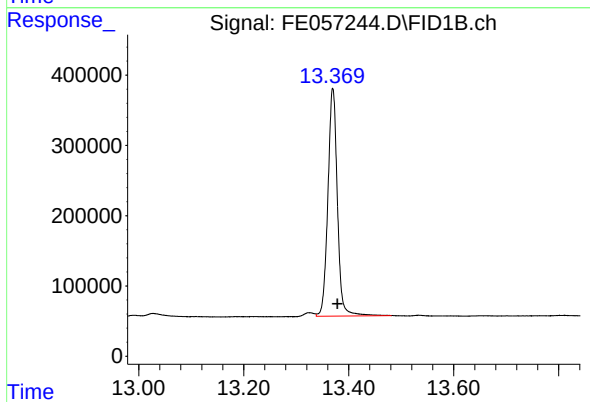




#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: -0.007 min
Response: 6066914
Conc: 27.65 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-3C



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: -0.009 min
Response: 4065764
Conc: 24.43 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
 Data File : FE057244.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2025 12:54
 Sample : Q3742-13
 Misc :
 ALS Vial : 14 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	2.555	2.524	2.595	BV	33	662	0.01%	0.002%
2	2.624	2.595	2.705	PV	524	14779	0.24%	0.038%
3	2.732	2.705	2.823	VV	1507	43569	0.71%	0.113%
4	2.841	2.823	2.897	VV	383	11184	0.18%	0.029%
5	2.911	2.897	2.964	VV	256	7825	0.13%	0.020%
6	3.002	2.964	3.051	VV	489	13948	0.23%	0.036%
7	3.072	3.051	3.129	VV	1178	12221	0.20%	0.032%
8	3.140	3.129	3.161	VV	160	1844	0.03%	0.005%
9	3.172	3.161	3.195	VV	140	1790	0.03%	0.005%
10	3.217	3.195	3.248	PV	218	3375	0.06%	0.009%
11	3.296	3.248	3.377	PV	314	9699	0.16%	0.025%
12	3.387	3.377	3.394	VV	50	522	0.01%	0.001%
13	3.419	3.394	3.493	VV	187	7426	0.12%	0.019%
14	3.507	3.493	3.571	VV	208	6376	0.10%	0.017%
15	3.609	3.571	3.655	VV	324	8044	0.13%	0.021%
16	3.678	3.655	3.724	VV	161	3921	0.06%	0.010%
17	3.738	3.724	3.777	PV	269	4435	0.07%	0.012%
18	3.801	3.777	3.856	VV	212	6356	0.10%	0.017%
19	3.927	3.856	3.957	VV	407	9683	0.16%	0.025%
20	3.988	3.957	4.037	VV	364	8125	0.13%	0.021%
21	4.081	4.037	4.111	PV	216	6939	0.11%	0.018%
22	4.120	4.111	4.164	VV	246	4386	0.07%	0.011%
23	4.193	4.164	4.234	VV	286	5478	0.09%	0.014%
24	4.240	4.234	4.264	VV	93	1127	0.02%	0.003%
25	4.286	4.264	4.335	VV	522	12077	0.20%	0.031%
26	4.345	4.335	4.404	VV	206	4967	0.08%	0.013%
27	4.430	4.404	4.464	PV	148	2748	0.04%	0.007%
28	4.489	4.464	4.514	VV	187	3103	0.05%	0.008%
29	4.547	4.514	4.613	VV	369	8390	0.14%	0.022%
30	4.621	4.613	4.644	VV	137	1982	0.03%	0.005%
31	4.666	4.644	4.701	VV	632	9859	0.16%	0.026%
32	4.732	4.701	4.742	VV	316	6312	0.10%	0.016%
33	4.750	4.742	4.781	VV	347	6706	0.11%	0.017%
34	4.789	4.781	4.813	VV	281	3907	0.06%	0.010%
35	4.830	4.813	4.867	VV	355	6691	0.11%	0.017%
36	4.887	4.867	4.938	VV	240	6070	0.10%	0.016%

					rteres.txt			
37	4.950	4.938	4.965	VV	174	1915	0.03%	0.005%
38	4.986	4.965	5.026	VV	209	4788	0.08%	0.012%
39	5.058	5.026	5.069	VV	209	2729	0.04%	0.007%
40	5.074	5.069	5.085	VV	93	655	0.01%	0.002%
41	5.094	5.085	5.131	VV	98	1589	0.03%	0.004%
42	5.152	5.131	5.181	VV	155	2048	0.03%	0.005%
43	5.225	5.181	5.241	VV	154	3502	0.06%	0.009%
44	5.251	5.241	5.276	VV	163	2116	0.03%	0.005%
45	5.297	5.276	5.314	VV	256	3166	0.05%	0.008%
46	5.326	5.314	5.337	VV	207	1913	0.03%	0.005%
47	5.350	5.337	5.398	VV	236	4501	0.07%	0.012%
48	5.464	5.398	5.491	PV	123	3598	0.06%	0.009%
49	5.505	5.491	5.515	VV	106	1238	0.02%	0.003%
50	5.539	5.515	5.547	VV	152	2071	0.03%	0.005%
51	5.564	5.547	5.578	VV	198	2257	0.04%	0.006%
52	5.582	5.578	5.588	VV	126	672	0.01%	0.002%
53	5.594	5.588	5.618	VV	175	1852	0.03%	0.005%
54	5.633	5.618	5.664	VV	808	3855	0.06%	0.010%
55	5.692	5.664	5.712	PV	435	6507	0.11%	0.017%
56	5.725	5.712	5.741	VV	210	2516	0.04%	0.007%
57	5.754	5.741	5.795	VV	194	3653	0.06%	0.009%
58	5.812	5.795	5.822	VV	138	1452	0.02%	0.004%
59	5.832	5.822	5.853	VV	140	1970	0.03%	0.005%
60	5.866	5.853	5.909	VV	309	6704	0.11%	0.017%
61	5.925	5.909	5.935	VV	169	1726	0.03%	0.004%
62	5.949	5.935	5.971	VV	164	2616	0.04%	0.007%
63	5.991	5.971	6.041	VV	315	7198	0.12%	0.019%
64	6.051	6.041	6.084	VV	188	3742	0.06%	0.010%
65	6.098	6.084	6.139	VV	211	3321	0.05%	0.009%
66	6.217	6.139	6.244	PV	201	6599	0.11%	0.017%
67	6.293	6.244	6.406	VV	2892	136552	2.23%	0.355%
68	6.425	6.406	6.488	VV	1213	39455	0.64%	0.102%
69	6.496	6.488	6.530	VV	675	15595	0.25%	0.040%
70	6.540	6.530	6.575	VV	550	13291	0.22%	0.035%
71	6.590	6.575	6.608	VV	471	9243	0.15%	0.024%
72	6.624	6.608	6.649	VV	565	11972	0.20%	0.031%
73	6.657	6.649	6.699	VV	486	11897	0.19%	0.031%
74	6.721	6.699	6.742	VV	494	9662	0.16%	0.025%
75	6.749	6.742	6.788	VV	381	7372	0.12%	0.019%
76	6.803	6.788	6.852	VV	291	9564	0.16%	0.025%
77	6.870	6.852	6.954	VV	482	13931	0.23%	0.036%
78	6.961	6.954	6.997	VV	165	2928	0.05%	0.008%
79	7.008	6.997	7.024	VV	141	1857	0.03%	0.005%
80	7.045	7.024	7.072	VV	251	3853	0.06%	0.010%
81	7.083	7.072	7.101	VV	126	1369	0.02%	0.004%
82	7.121	7.101	7.163	VV	139	3307	0.05%	0.009%
83	7.174	7.163	7.183	VV	160	971	0.02%	0.003%
84	7.222	7.183	7.244	VV	222	4681	0.08%	0.012%
85	7.252	7.244	7.262	VV	162	1676	0.03%	0.004%
86	7.271	7.262	7.313	VV	1457	6440	0.11%	0.017%
87	7.339	7.313	7.352	VV	226	3410	0.06%	0.009%
88	7.365	7.352	7.384	VV	191	2833	0.05%	0.007%
89	7.391	7.384	7.411	VV	143	1981	0.03%	0.005%

					rteres.txt			
90	7.439	7.411	7.473	VV	576	10844	0.18%	0.028%
91	7.483	7.473	7.517	VV	266	5319	0.09%	0.014%
92	7.538	7.517	7.594	VV	365	12334	0.20%	0.032%
93	7.611	7.594	7.638	VV	408	7570	0.12%	0.020%
94	7.669	7.638	7.694	VV	431	10438	0.17%	0.027%
95	7.708	7.694	7.744	VV	264	5757	0.09%	0.015%
96	7.758	7.744	7.812	VV	234	5857	0.10%	0.015%
97	7.847	7.812	7.880	VV	211	5120	0.08%	0.013%
98	7.887	7.880	7.901	VV	111	558	0.01%	0.001%
99	7.957	7.901	8.041	PV	445	9917	0.16%	0.026%
100	8.047	8.041	8.071	VV	110	1590	0.03%	0.004%
101	8.094	8.071	8.114	VV	285	5609	0.09%	0.015%
102	8.132	8.114	8.191	VV	353	8911	0.15%	0.023%
103	8.241	8.191	8.272	VV	246	6385	0.10%	0.017%
104	8.301	8.272	8.327	VV	151	3623	0.06%	0.009%
105	8.366	8.327	8.402	VV	343	6417	0.10%	0.017%
106	8.421	8.402	8.435	VV	196	3181	0.05%	0.008%
107	8.468	8.435	8.484	VV	268	5269	0.09%	0.014%
108	8.551	8.484	8.637	VV	800	34008	0.55%	0.088%
109	8.704	8.637	8.761	VV	810	27851	0.45%	0.072%
110	8.797	8.761	8.858	VV	262	9134	0.15%	0.024%
111	8.881	8.858	8.894	PV	83	987	0.02%	0.003%
112	8.935	8.894	8.955	VV	133	3476	0.06%	0.009%
113	9.000	8.955	9.028	VV	496	12844	0.21%	0.033%
114	9.091	9.028	9.196	VV	760	32013	0.52%	0.083%
115	9.236	9.196	9.267	VV	272	7695	0.13%	0.020%
116	9.299	9.267	9.324	VV	407	9431	0.15%	0.024%
117	9.332	9.324	9.339	VV	324	2578	0.04%	0.007%
118	9.381	9.339	9.422	VV	767	22036	0.36%	0.057%
119	9.434	9.422	9.446	VV	243	3133	0.05%	0.008%
120	9.468	9.446	9.498	VV	312	6068	0.10%	0.016%
121	9.510	9.498	9.528	VV	180	2250	0.04%	0.006%
122	9.556	9.528	9.608	VV	245	6974	0.11%	0.018%
123	9.625	9.608	9.649	VV	151	2281	0.04%	0.006%
124	9.686	9.649	9.730	PV	237	5866	0.10%	0.015%
125	9.764	9.730	9.786	VV	303	6679	0.11%	0.017%
126	9.805	9.786	9.813	VV	252	3159	0.05%	0.008%
127	9.843	9.813	9.870	VV	380	10243	0.17%	0.027%
128	9.894	9.870	9.905	VV	301	5571	0.09%	0.014%
129	9.918	9.905	9.926	VV	297	3060	0.05%	0.008%
130	9.939	9.926	9.980	VV	309	6717	0.11%	0.017%
131	9.997	9.980	10.058	VV	284	6113	0.10%	0.016%
132	10.103	10.058	10.144	PV	2905	107442	1.75%	0.279%
133	10.160	10.144	10.379	VV	2553	150349	2.45%	0.390%
134	10.390	10.379	10.422	VV	395	7919	0.13%	0.021%
135	10.437	10.422	10.480	VV	282	6981	0.11%	0.018%
136	10.531	10.480	10.582	VV	1250	38528	0.63%	0.100%
137	10.589	10.582	10.611	VV	336	4377	0.07%	0.011%
138	10.619	10.611	10.623	VV	300	1918	0.03%	0.005%
139	10.640	10.623	10.674	VV	375	9686	0.16%	0.025%
140	10.697	10.674	10.748	VV	324	11958	0.20%	0.031%
141	10.798	10.748	10.810	VV	778	11551	0.19%	0.030%

rteres.txt								
142	10.828	10.810	10.858	VV	415	8217	0.13%	0.021%
143	10.903	10.858	10.934	VV	878	18117	0.30%	0.047%
144	10.972	10.934	11.000	VV	737	14360	0.23%	0.037%
145	11.030	11.000	11.101	VV	372	11516	0.19%	0.030%
146	11.127	11.101	11.164	VV	302	6221	0.10%	0.016%
147	11.229	11.164	11.298	PV	1196	47448	0.77%	0.123%
148	11.316	11.298	11.465	VV	784	39125	0.64%	0.102%
149	11.502	11.465	11.521	PV	186	3522	0.06%	0.009%
150	11.540	11.521	11.568	VV	810	13034	0.21%	0.034%
151	11.606	11.568	11.648	VV	1116	26804	0.44%	0.070%
152	11.697	11.648	11.780	VV	602	15758	0.26%	0.041%
153	11.802	11.780	11.837	PV	225	4546	0.07%	0.012%
154	11.852	11.837	11.878	VV	218	2913	0.05%	0.008%
155	11.933	11.878	12.027	PV	544104	6131023	100.00%	15.918%
156	12.047	12.027	12.138	VV	2108	97387	1.59%	0.253%
157	12.156	12.138	12.178	VV	1112	24325	0.40%	0.063%
158	12.188	12.178	12.256	VV	968	32428	0.53%	0.084%
159	12.279	12.256	12.309	VV	1151	20239	0.33%	0.053%
160	12.338	12.309	12.355	VV	399	8032	0.13%	0.021%
161	12.366	12.355	12.381	VV	290	4237	0.07%	0.011%
162	12.410	12.381	12.434	VV	458	9837	0.16%	0.026%
163	12.445	12.434	12.463	VV	282	3212	0.05%	0.008%
164	12.548	12.463	12.622	PV	7215	187227	3.05%	0.486%
165	12.634	12.622	12.715	VV	1352	51280	0.84%	0.133%
166	12.740	12.715	12.793	VV	2114	40521	0.66%	0.105%
167	12.852	12.793	12.877	VV	1119	30397	0.50%	0.079%
168	12.920	12.877	12.963	VV	1736	52197	0.85%	0.136%
169	12.991	12.963	13.005	VV	2636	42938	0.70%	0.111%
170	13.028	13.005	13.097	VV	5204	132773	2.17%	0.345%
171	13.108	13.097	13.156	VV	665	12755	0.21%	0.033%
172	13.185	13.156	13.206	VV	495	8759	0.14%	0.023%
173	13.219	13.206	13.241	VV	429	7674	0.13%	0.020%
174	13.248	13.241	13.268	VV	343	4293	0.07%	0.011%
175	13.325	13.268	13.338	VV	5828	86406	1.41%	0.224%
176	13.370	13.338	13.513	VV	325650	4188025	68.31%	10.873%
177	13.534	13.513	13.625	VV	1961	70743	1.15%	0.184%
178	13.661	13.625	13.685	VV	1046	30007	0.49%	0.078%
179	13.701	13.685	13.714	VV	883	13178	0.21%	0.034%
180	13.764	13.714	13.781	VV	963	31825	0.52%	0.083%
181	13.810	13.781	13.863	VV	1397	47213	0.77%	0.123%
182	13.941	13.863	13.987	VV	1783	86014	1.40%	0.223%
183	14.006	13.987	14.022	VV	1323	23216	0.38%	0.060%
184	14.042	14.022	14.053	VV	1177	20839	0.34%	0.054%
185	14.079	14.053	14.101	VV	1942	42050	0.69%	0.109%
186	14.120	14.101	14.144	VV	2013	36136	0.59%	0.094%
187	14.195	14.144	14.226	VV	1279	48279	0.79%	0.125%
188	14.250	14.226	14.321	VV	912	33811	0.55%	0.088%
189	14.350	14.321	14.374	VV	402	8987	0.15%	0.023%
190	14.420	14.374	14.471	VV	340	10493	0.17%	0.027%
191	14.561	14.471	14.602	PV	835	30087	0.49%	0.078%
192	14.644	14.602	14.664	VV	703	19270	0.31%	0.050%
193	14.684	14.664	14.713	VV	2032	26976	0.44%	0.070%
194	14.753	14.713	14.774	VV	902	20910	0.34%	0.054%

					rteres.txt			
195	14.788	14.774	14.815	VV	847	15104	0.25%	0.039%
196	14.829	14.815	14.844	VV	379	5469	0.09%	0.014%
197	14.878	14.844	14.887	VV	478	10250	0.17%	0.027%
198	14.909	14.887	14.928	VV	1058	18999	0.31%	0.049%
199	14.943	14.928	14.991	VV	712	18240	0.30%	0.047%
200	15.010	14.991	15.048	VV	500	10383	0.17%	0.027%
201	15.086	15.048	15.101	VV	473	9971	0.16%	0.026%
202	15.132	15.101	15.165	VV	391	11125	0.18%	0.029%
203	15.195	15.165	15.204	PV	961	13606	0.22%	0.035%
204	15.233	15.204	15.250	VV	3736	68266	1.11%	0.177%
205	15.275	15.250	15.340	VV	4644	141744	2.31%	0.368%
206	15.375	15.340	15.402	VV	1412	43110	0.70%	0.112%
207	15.416	15.402	15.428	VV	746	10247	0.17%	0.027%
208	15.432	15.428	15.490	VV	676	17994	0.29%	0.047%
209	15.516	15.490	15.529	VV	454	8032	0.13%	0.021%
210	15.617	15.529	15.698	VV	12199	309669	5.05%	0.804%
211	15.707	15.698	15.724	VV	955	12701	0.21%	0.033%
212	15.747	15.724	15.791	VV	2844	45391	0.74%	0.118%
213	15.820	15.791	15.863	VV	4294	59452	0.97%	0.154%
214	15.908	15.863	15.944	PV	837	22560	0.37%	0.059%
215	15.956	15.944	15.980	VV	630	9477	0.15%	0.025%
216	16.078	15.980	16.121	VV	878	47529	0.78%	0.123%
217	16.142	16.121	16.166	VV	621	13747	0.22%	0.036%
218	16.179	16.166	16.194	VV	485	5520	0.09%	0.014%
219	16.250	16.194	16.293	VV	3027	52832	0.86%	0.137%
220	16.318	16.293	16.360	PV	506	10212	0.17%	0.027%
221	16.378	16.360	16.404	VV	157	2352	0.04%	0.006%
222	16.503	16.404	16.524	VV	372	12643	0.21%	0.033%
223	16.638	16.524	16.677	PV	2946	89931	1.47%	0.233%
224	16.735	16.677	16.761	VV	3678	73242	1.19%	0.190%
225	16.808	16.761	16.884	VV	5305	159557	2.60%	0.414%
226	16.902	16.884	16.913	VV	865	13508	0.22%	0.035%
227	16.938	16.913	16.988	VV	1267	35551	0.58%	0.092%
228	17.006	16.988	17.018	VV	167	3225	0.05%	0.008%
229	17.040	17.018	17.056	PV	439	5248	0.09%	0.014%
230	17.123	17.056	17.164	VV	3425	81197	1.32%	0.211%
231	17.202	17.164	17.241	VV	7141	147255	2.40%	0.382%
232	17.249	17.241	17.271	VV	1792	23731	0.39%	0.062%
233	17.288	17.271	17.354	VV	1330	42110	0.69%	0.109%
234	17.367	17.354	17.388	VV	371	5531	0.09%	0.014%
235	17.443	17.388	17.468	VV	728	20777	0.34%	0.054%
236	17.486	17.468	17.503	VV	497	8980	0.15%	0.023%
237	17.546	17.503	17.559	VV	1202	26596	0.43%	0.069%
238	17.583	17.559	17.628	VV	2170	65146	1.06%	0.169%
239	17.653	17.628	17.707	VV	7113	132527	2.16%	0.344%
240	17.738	17.707	17.751	VV	1112	26244	0.43%	0.068%
241	17.764	17.751	17.784	VV	1103	17727	0.29%	0.046%
242	17.879	17.784	17.918	VV	902	57090	0.93%	0.148%
243	17.937	17.918	17.961	VV	328	5954	0.10%	0.015%
244	17.985	17.961	17.998	PV	541	5687	0.09%	0.015%
245	18.055	17.998	18.066	VV	872	19391	0.32%	0.050%
246	18.091	18.066	18.118	VV	6414	86924	1.42%	0.226%

					rteres.txt			
247	18.185	18.118	18.214	PV	2207	55586	0.91%	0.144%
248	18.266	18.214	18.284	VV	1265	42291	0.69%	0.110%
249	18.327	18.284	18.348	VV	1575	38855	0.63%	0.101%
250	18.368	18.348	18.381	VV	1058	18417	0.30%	0.048%
251	18.417	18.381	18.434	VV	2844	54094	0.88%	0.140%
252	18.464	18.434	18.491	VV	6120	144674	2.36%	0.376%
253	18.515	18.491	18.555	VV	8963	166853	2.72%	0.433%
254	18.611	18.555	18.668	VV	3258	133321	2.17%	0.346%
255	18.682	18.668	18.706	VV	1505	22677	0.37%	0.059%
256	18.744	18.706	18.758	VV	4335	38295	0.62%	0.099%
257	18.766	18.758	18.790	VV	1714	28054	0.46%	0.073%
258	18.842	18.790	18.849	VV	3510	79107	1.29%	0.205%
259	18.859	18.849	18.876	VV	3422	44960	0.73%	0.117%
260	18.926	18.876	18.952	VV	10084	219548	3.58%	0.570%
261	18.965	18.952	18.982	VV	3240	51791	0.84%	0.134%
262	18.999	18.982	19.008	VV	3503	47613	0.78%	0.124%
263	19.030	19.008	19.053	VV	4808	109486	1.79%	0.284%
264	19.077	19.053	19.091	VV	4474	89610	1.46%	0.233%
265	19.098	19.091	19.127	VV	3818	77430	1.26%	0.201%
266	19.136	19.127	19.151	VV	3522	45564	0.74%	0.118%
267	19.225	19.151	19.247	VV	5487	252551	4.12%	0.656%
268	19.325	19.247	19.408	VV	11509	601258	9.81%	1.561%
269	19.458	19.408	19.507	VV	7150	265244	4.33%	0.689%
270	19.532	19.507	19.540	VV	4733	81555	1.33%	0.212%
271	19.575	19.540	19.594	VV	7861	199294	3.25%	0.517%
272	19.626	19.594	19.651	VV	6372	190597	3.11%	0.495%
273	19.661	19.651	19.674	VV	5930	80442	1.31%	0.209%
274	19.713	19.674	19.734	VV	12498	317156	5.17%	0.823%
275	19.744	19.734	19.763	VV	7804	124796	2.04%	0.324%
276	19.784	19.763	19.807	VV	8588	207089	3.38%	0.538%
277	19.827	19.807	19.847	VV	8221	177906	2.90%	0.462%
278	19.876	19.847	19.887	VV	8455	175331	2.86%	0.455%
279	19.941	19.887	19.960	VV	9217	335462	5.47%	0.871%
280	19.999	19.960	20.023	VV	11596	368578	6.01%	0.957%
281	20.088	20.023	20.148	VV	18406	1072715	17.50%	2.785%
282	20.154	20.148	20.167	VV	12404	144012	2.35%	0.374%
283	20.275	20.167	20.286	VV	15592	927430	15.13%	2.408%
284	20.334	20.286	20.351	VV	17798	622218	10.15%	1.615%
285	20.362	20.351	20.383	VV	15933	294190	4.80%	0.764%
286	20.457	20.383	20.478	VV	19076	985375	16.07%	2.558%
287	20.516	20.478	20.524	VV	18308	488008	7.96%	1.267%
288	20.543	20.524	20.554	VV	18636	327013	5.33%	0.849%
289	20.569	20.554	20.577	VV	19161	249299	4.07%	0.647%
290	20.619	20.577	20.650	VV	23788	932196	15.20%	2.420%
291	20.662	20.650	20.670	VV	21307	245888	4.01%	0.638%
292	20.683	20.670	20.697	VV	21989	336181	5.48%	0.873%
293	20.721	20.697	20.735	VV	21577	474745	7.74%	1.233%
294	20.753	20.735	20.780	VV	21575	560074	9.14%	1.454%
295	20.806	20.780	20.850	VV	22570	877088	14.31%	2.277%
296	20.878	20.850	20.899	VV	21137	591401	9.65%	1.535%
297	20.951	20.899	20.977	VV	19644	898702	14.66%	2.333%
298	20.995	20.977	21.024	VV	20399	545895	8.90%	1.417%
299	21.066	21.024	21.075	VV	19519	576803	9.41%	1.498%

					rteres.txt			
300	21.093	21.075	21.102	VV	19559	315362	5.14%	0.819%
301	21.126	21.102	21.134	VV	19115	361942	5.90%	0.940%
302	21.144	21.134	21.186	VV	18721	549204	8.96%	1.426%
303	21.197	21.186	21.238	VV	17432	501557	8.18%	1.302%
304	21.258	21.238	21.274	VV	15209	321664	5.25%	0.835%
305	21.295	21.274	21.320	VV	15510	408504	6.66%	1.061%
306	21.351	21.320	21.360	VV	15743	367023	5.99%	0.953%
307	21.411	21.360	21.434	VV	17338	708200	11.55%	1.839%
308	21.442	21.434	21.491	VV	16531	504993	8.24%	1.311%
309	21.500	21.491	21.531	VV	13219	290964	4.75%	0.755%
310	21.540	21.531	21.552	VV	11309	138277	2.26%	0.359%
311	21.562	21.552	21.608	VV	11518	337361	5.50%	0.876%
312	21.643	21.608	21.658	VV	10641	283889	4.63%	0.737%
313	21.683	21.658	21.708	VV	10189	285723	4.66%	0.742%
314	21.728	21.708	21.828	VV	10468	601633	9.81%	1.562%
315	21.886	21.828	21.904	VV	6495	269626	4.40%	0.700%
316	21.935	21.904	21.954	VV	6939	194008	3.16%	0.504%
317	21.965	21.954	21.990	VV	6074	117162	1.91%	0.304%
318	22.002	21.990	22.043	VV	4832	117839	1.92%	0.306%
319	22.081	22.043	22.090	VV	4151	96036	1.57%	0.249%
320	22.116	22.090	22.212	VV	4438	187078	3.05%	0.486%
321	22.236	22.212	22.246	VV	742	8449	0.14%	0.022%
					Sum of corrected areas:	38516957		

Aliphatic EPH 112725.M Wed Dec 10 00:40:58 2025

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-3D	SDG No.:	Q3742
Lab Sample ID:	Q3742-14	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.5
Sample Wt/Vol:	30.04 g	Test:	EPH_F2
Prep Method :	Final Vol: 2000 uL Prep Date : 12/04/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	1.60	J	1	1.29	5.67	mg/kg	FE057181.D	12/05/25 1:42	PB170826
Total EPH	Total EPH	1.60	J		1.29	5.67	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-3D	SDG No.:	Q3742
Lab Sample ID:	Q3742-14	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.5
Sample Wt/Vol:	30.04 g	Final Vol:	2000 uL
Prep Method :		Prep Date	12/04/25
		Test:	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	1.60	J	1	1.29	5.67	mg/kg	12/05/25	PB170826
Aliphatic C28-C40	Aliphatic C28-C40	18.7		1	1.67	2.83	mg/kg	12/05/25	PB170826
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	18.6			40 - 140	37%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	22.9			40 - 140	46%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3742-14	Acq On:	05 Dec 2025 01:42
Client Sample ID:	SB-1125-3D	Operator:	YP\AJ
Data file:	FE057181.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	3.194	6.819	238698	1.19	300	ug/ml
Aliphatic C12-C16	6.820	10.265	580886	2.859	200	ug/ml
Aliphatic C16-C21	10.266	13.639	1147571	5.787	300	ug/ml
Aliphatic C21-C28	13.640	17.309	1656363	8.334	400	ug/ml
Aliphatic C28-C40	17.310	22.235	39568997	197.944	600	ug/ml
Aliphatic EPH	3.194	22.235	43192515	216.113		ug/ml
ortho-Terphenyl (SURR)	11.932	11.932	5033568	22.94		ug/ml
1-chlorooctadecane (SURR)	13.370	13.370	3103413	18.65		ug/ml
Aliphatic C9-C28	3.194	17.309	3623518	18.17	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057181.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 01:42
 Operator : YP\AJ
 Sample : Q3742-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SB-1125-3D

Integration File: autoint1.e
 Quant Time: Dec 05 04:07:16 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)	11.932	5033568	22.938 ug/ml
Spiked Amount 50.000		Recovery =	45.88%
12) S 1-chlorooctadecane (S...	13.370	3103413	18.647 ug/ml
Spiked Amount 50.000		Recovery =	37.29%

Target Compounds

(f)=RT Delta > 1/2 Window

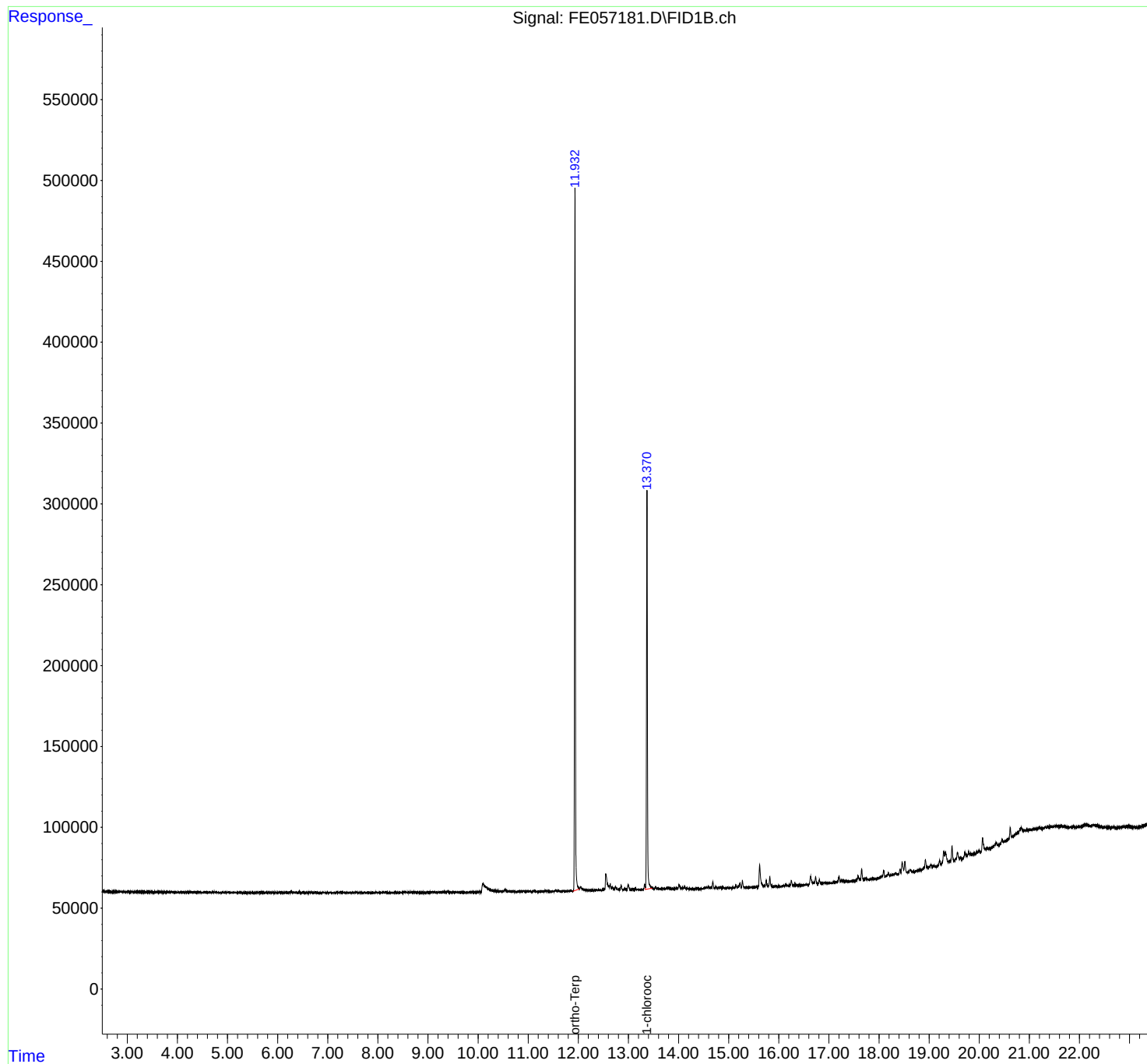
(m)=manual int.

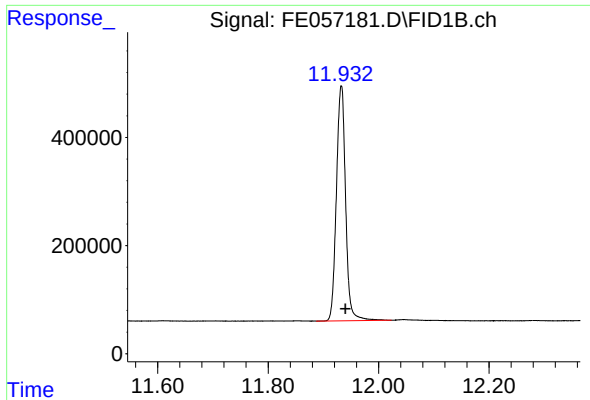
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
Data File : FE057181.D
Signal(s) : FID1B.ch
Acq On : 05 Dec 2025 01:42
Operator : YP\AJ
Sample : Q3742-14
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-3D

Integration File: autoint1.e
Quant Time: Dec 05 04:07:16 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

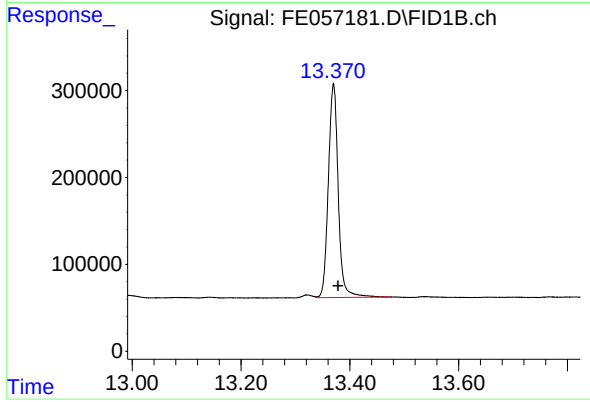




#9 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: -0.008 min
Response: 5033568
Conc: 22.94 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-3D



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: -0.008 min
Response: 3103413
Conc: 18.65 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057181.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 01:42
 Sample : Q3742-14
 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	2.546	2.524	2.571	BV	110	1954	0.04%	0.004%
2	2.586	2.571	2.604	VV	120	1498	0.03%	0.003%
3	2.614	2.604	2.658	VV	96	2338	0.04%	0.004%
4	2.669	2.658	2.694	VV	101	1568	0.03%	0.003%
5	2.703	2.694	2.734	PV	92	1570	0.03%	0.003%
6	2.743	2.734	2.757	VV	133	915	0.02%	0.002%
7	2.766	2.757	2.801	VV	129	1562	0.03%	0.003%
8	2.808	2.801	2.816	VV	103	688	0.01%	0.001%
9	2.836	2.816	2.900	VV	143	3608	0.07%	0.007%
10	2.920	2.900	2.976	VV	139	2858	0.05%	0.005%
11	2.987	2.976	3.007	VV	131	1289	0.02%	0.002%
12	3.017	3.007	3.025	VV	109	526	0.01%	0.001%
13	3.031	3.025	3.062	PV	47	1026	0.02%	0.002%
14	3.110	3.062	3.169	PV	184	6147	0.12%	0.012%
15	3.241	3.169	3.274	VV	159	6158	0.12%	0.012%
16	3.280	3.274	3.318	VV	151	2697	0.05%	0.005%
17	3.323	3.318	3.368	VV	212	3056	0.06%	0.006%
18	3.373	3.368	3.400	VV	127	2142	0.04%	0.004%
19	3.408	3.400	3.481	VV	182	4004	0.08%	0.008%
20	3.507	3.481	3.525	VV	155	2588	0.05%	0.005%
21	3.542	3.525	3.551	VV	90	1406	0.03%	0.003%
22	3.561	3.551	3.585	VV	138	1892	0.04%	0.004%
23	3.628	3.585	3.681	VV	153	4594	0.09%	0.009%
24	3.693	3.681	3.714	VV	132	1360	0.03%	0.003%
25	3.717	3.714	3.751	VV	93	1325	0.03%	0.002%
26	3.760	3.751	3.808	VV	109	1971	0.04%	0.004%
27	3.819	3.808	3.828	VV	85	817	0.02%	0.002%
28	3.841	3.828	3.854	VV	88	1099	0.02%	0.002%
29	3.858	3.854	3.866	VV	67	387	0.01%	0.001%
30	3.876	3.866	3.941	VV	184	2995	0.06%	0.006%
31	3.958	3.941	4.008	VV	122	2810	0.05%	0.005%
32	4.012	4.008	4.071	VV	131	2746	0.05%	0.005%
33	4.074	4.071	4.112	VV	107	1522	0.03%	0.003%
34	4.122	4.112	4.130	VV	60	609	0.01%	0.001%
35	4.140	4.130	4.160	VV	91	986	0.02%	0.002%
36	4.171	4.160	4.201	VV	131	2123	0.04%	0.004%

					rteres			
37	4.213	4.201	4.271	VV	158	3648	0.07%	0.007%
38	4.286	4.271	4.329	VV	162	3591	0.07%	0.007%
39	4.335	4.329	4.348	VV	109	924	0.02%	0.002%
40	4.368	4.348	4.381	VV	153	2156	0.04%	0.004%
41	4.392	4.381	4.444	VV	116	3207	0.06%	0.006%
42	4.451	4.444	4.484	VV	92	1827	0.03%	0.003%
43	4.501	4.484	4.571	VV	160	5311	0.10%	0.010%
44	4.589	4.571	4.645	VV	165	4688	0.09%	0.009%
45	4.658	4.645	4.684	VV	115	1724	0.03%	0.003%
46	4.689	4.684	4.721	VV	120	1920	0.04%	0.004%
47	4.740	4.721	4.753	VV	344	4040	0.08%	0.008%
48	4.765	4.753	4.811	VV	274	6615	0.13%	0.012%
49	4.824	4.811	4.878	VV	157	4181	0.08%	0.008%
50	4.973	4.878	4.998	VV	184	8651	0.17%	0.016%
51	5.010	4.998	5.064	VV	234	6254	0.12%	0.012%
52	5.080	5.064	5.171	VV	167	7863	0.15%	0.015%
53	5.257	5.171	5.404	VV	169	12406	0.24%	0.023%
54	5.431	5.404	5.464	PV	146	3552	0.07%	0.007%
55	5.475	5.464	5.495	VV	114	1857	0.04%	0.003%
56	5.557	5.495	5.601	VV	169	6706	0.13%	0.013%
57	5.628	5.601	5.659	VV	183	3678	0.07%	0.007%
58	5.786	5.659	5.839	VV	152	10223	0.20%	0.019%
59	5.861	5.839	5.926	VV	154	5312	0.10%	0.010%
60	5.964	5.926	5.989	VV	156	4048	0.08%	0.008%
61	6.069	5.989	6.142	VV	184	10140	0.19%	0.019%
62	6.163	6.142	6.188	VV	143	2837	0.05%	0.005%
63	6.215	6.188	6.243	VV	108	2748	0.05%	0.005%
64	6.265	6.243	6.391	VV	991	24414	0.47%	0.046%
65	6.429	6.391	6.613	VV	601	23179	0.44%	0.044%
66	6.631	6.613	6.709	VV	143	6570	0.13%	0.012%
67	6.728	6.709	6.819	VV	138	5141	0.10%	0.010%
68	6.883	6.819	6.969	PV	94	4252	0.08%	0.008%
69	7.017	6.969	7.089	VV	71	1452	0.03%	0.003%
70	7.137	7.089	7.181	VV	74	2147	0.04%	0.004%
71	7.199	7.181	7.237	VV	148	1888	0.04%	0.004%
72	7.256	7.237	7.275	PV	47	663	0.01%	0.001%
73	7.338	7.275	7.387	VV	97	2706	0.05%	0.005%
74	7.444	7.387	7.466	VV	133	2925	0.06%	0.006%
75	7.482	7.466	7.536	VV	103	2040	0.04%	0.004%
76	7.616	7.536	7.649	VV	217	7609	0.15%	0.014%
77	7.656	7.649	7.671	VV	135	1279	0.02%	0.002%
78	7.694	7.671	7.771	VV	135	5072	0.10%	0.010%
79	7.789	7.771	7.832	VV	80	1848	0.04%	0.003%
80	7.852	7.832	7.906	VV	88	2321	0.04%	0.004%
81	7.961	7.906	8.009	VV	370	8097	0.15%	0.015%
82	8.090	8.009	8.116	VV	193	6605	0.13%	0.012%
83	8.135	8.116	8.221	VV	369	7963	0.15%	0.015%
84	8.240	8.221	8.294	PV	107	1818	0.03%	0.003%
85	8.315	8.294	8.423	VV	124	5140	0.10%	0.010%
86	8.555	8.423	8.637	VV	375	22749	0.43%	0.043%
87	8.660	8.637	8.770	VV	329	11062	0.21%	0.021%
88	8.801	8.770	8.838	VV	113	2652	0.05%	0.005%
89	8.930	8.838	8.969	VV	125	4603	0.09%	0.009%

					rteres			
90	8.992	8.969	9.030	VV	163	4177	0.08%	0.008%
91	9.052	9.030	9.061	VV	210	2641	0.05%	0.005%
92	9.087	9.061	9.196	VV	398	11921	0.23%	0.022%
93	9.299	9.196	9.363	VV	376	17461	0.33%	0.033%
94	9.388	9.363	9.443	VV	476	13116	0.25%	0.025%
95	9.470	9.443	9.526	VV	182	5828	0.11%	0.011%
96	9.565	9.526	9.624	VV	179	6752	0.13%	0.013%
97	9.637	9.624	9.651	VV	101	1442	0.03%	0.003%
98	9.663	9.651	9.713	VV	95	2143	0.04%	0.004%
99	9.756	9.713	9.789	PV	142	2861	0.05%	0.005%
100	9.891	9.789	9.929	VV	265	12094	0.23%	0.023%
101	10.097	9.929	10.363	VV	5128	393559	7.51%	0.741%
102	10.380	10.363	10.489	VV	645	37312	0.71%	0.070%
103	10.536	10.489	10.616	VV	1294	50223	0.96%	0.095%
104	10.648	10.616	10.672	VV	412	11252	0.21%	0.021%
105	10.692	10.672	10.753	VV	371	11875	0.23%	0.022%
106	10.832	10.753	10.861	VV	353	12691	0.24%	0.024%
107	10.906	10.861	10.958	VV	559	17687	0.34%	0.033%
108	10.976	10.958	10.998	VV	317	4997	0.10%	0.009%
109	11.034	10.998	11.076	VV	245	8572	0.16%	0.016%
110	11.126	11.076	11.205	VV	440	12824	0.24%	0.024%
111	11.224	11.205	11.256	VV	82	2231	0.04%	0.004%
112	11.327	11.256	11.392	VV	275	13857	0.26%	0.026%
113	11.403	11.392	11.449	VV	135	2764	0.05%	0.005%
114	11.542	11.449	11.569	VV	537	9798	0.19%	0.018%
115	11.611	11.569	11.659	VV	668	13502	0.26%	0.025%
116	11.701	11.659	11.749	PV	326	6424	0.12%	0.012%
117	11.808	11.749	11.830	VV	255	5856	0.11%	0.011%
118	11.853	11.830	11.889	VV	431	5988	0.11%	0.011%
119	11.932	11.889	12.022	PV	421515	5090404	97.19%	9.582%
120	12.046	12.022	12.176	VV	2604	111269	2.12%	0.209%
121	12.222	12.176	12.245	VV	460	16016	0.31%	0.030%
122	12.283	12.245	12.321	VV	771	21098	0.40%	0.040%
123	12.370	12.321	12.388	VV	723	16786	0.32%	0.032%
124	12.409	12.388	12.429	VV	1039	14062	0.27%	0.026%
125	12.552	12.429	12.617	VV	10208	300381	5.73%	0.565%
126	12.637	12.617	12.715	VV	3748	114348	2.18%	0.215%
127	12.741	12.715	12.791	VV	2633	61725	1.18%	0.116%
128	12.806	12.791	12.829	VV	784	13894	0.27%	0.026%
129	12.854	12.829	12.892	VV	2978	48061	0.92%	0.090%
130	12.921	12.892	12.959	VV	1040	23392	0.45%	0.044%
131	12.994	12.959	13.054	VV	3162	73145	1.40%	0.138%
132	13.083	13.054	13.123	VV	722	21351	0.41%	0.040%
133	13.143	13.123	13.243	VV	988	27142	0.52%	0.051%
134	13.370	13.243	13.509	VV	244272	3233764	61.74%	6.087%
135	13.538	13.509	13.624	VV	1509	57048	1.09%	0.107%
136	13.658	13.624	13.680	VV	737	20457	0.39%	0.039%
137	13.703	13.680	13.749	VV	750	24245	0.46%	0.046%
138	13.768	13.749	13.850	VV	1064	46349	0.88%	0.087%
139	13.873	13.850	13.899	VV	773	17815	0.34%	0.034%
140	13.957	13.899	13.980	VV	783	25198	0.48%	0.047%
141	14.010	13.980	14.053	VV	2997	61844	1.18%	0.116%

					rteres			
142	14.077	14.053	14.099	VV	1244	24429	0.47%	0.046%
143	14.121	14.099	14.151	VV	1394	25170	0.48%	0.047%
144	14.176	14.151	14.275	VV	616	20272	0.39%	0.038%
145	14.294	14.275	14.317	VV	162	2718	0.05%	0.005%
146	14.354	14.317	14.403	VV	232	7420	0.14%	0.014%
147	14.421	14.403	14.469	VV	191	3417	0.07%	0.006%
148	14.532	14.469	14.575	PV	903	34146	0.65%	0.064%
149	14.597	14.575	14.623	VV	1583	27581	0.53%	0.052%
150	14.640	14.623	14.657	VV	790	12997	0.25%	0.024%
151	14.685	14.657	14.714	VV	4245	58754	1.12%	0.111%
152	14.747	14.714	14.773	VV	919	20537	0.39%	0.039%
153	14.837	14.773	14.943	VV	972	35136	0.67%	0.066%
154	14.964	14.943	15.043	VV	350	11125	0.21%	0.021%
155	15.085	15.043	15.106	VV	284	5314	0.10%	0.010%
156	15.145	15.106	15.171	VV	1769	27907	0.53%	0.053%
157	15.226	15.171	15.249	VV	2725	55772	1.06%	0.105%
158	15.274	15.249	15.337	VV	4286	66904	1.28%	0.126%
159	15.365	15.337	15.435	VV	276	10254	0.20%	0.019%
160	15.455	15.435	15.473	VV	194	2630	0.05%	0.005%
161	15.497	15.473	15.530	VV	240	4266	0.08%	0.008%
162	15.618	15.530	15.721	PV	13733	314275	6.00%	0.592%
163	15.749	15.721	15.789	VV	3790	68872	1.31%	0.130%
164	15.821	15.789	15.900	VV	6186	95411	1.82%	0.180%
165	16.072	15.900	16.089	VV	170	4386	0.08%	0.008%
166	16.139	16.089	16.187	VV	635	15859	0.30%	0.030%
167	16.251	16.187	16.292	VV	3020	53237	1.02%	0.100%
168	16.322	16.292	16.359	VV	718	11608	0.22%	0.022%
169	16.549	16.359	16.576	PV	252	1016	0.02%	0.002%
170	16.635	16.576	16.707	PV	5186	131479	2.51%	0.247%
171	16.735	16.707	16.775	VV	4654	78676	1.50%	0.148%
172	16.811	16.775	16.873	VV	2588	50410	0.96%	0.095%
173	16.911	16.873	16.993	VV	613	28317	0.54%	0.053%
174	17.035	16.993	17.053	VV	317	7529	0.14%	0.014%
175	17.122	17.053	17.140	VV	584	18605	0.36%	0.035%
176	17.202	17.140	17.231	VV	3913	76431	1.46%	0.144%
177	17.251	17.231	17.311	VV	1551	47595	0.91%	0.090%
178	17.338	17.311	17.383	VV	639	24359	0.47%	0.046%
179	17.581	17.383	17.620	VV	2913	128837	2.46%	0.243%
180	17.655	17.620	17.702	VV	7325	142616	2.72%	0.268%
181	17.737	17.702	17.800	VV	1466	64679	1.23%	0.122%
182	17.873	17.800	17.899	VV	1038	52866	1.01%	0.100%
183	18.093	17.899	18.125	VV	5807	250881	4.79%	0.472%
184	18.186	18.125	18.223	VV	4208	158438	3.02%	0.298%
185	18.326	18.223	18.370	VV	3786	258548	4.94%	0.487%
186	18.418	18.370	18.434	VV	5809	150153	2.87%	0.283%
187	18.462	18.434	18.491	VV	9889	246918	4.71%	0.465%
188	18.516	18.491	18.556	VV	10556	252482	4.82%	0.475%
189	18.620	18.556	18.668	VV	5176	276194	5.27%	0.520%
190	18.820	18.668	18.845	VV	4684	440699	8.41%	0.830%
191	18.926	18.845	18.983	VV	10251	523366	9.99%	0.985%
192	19.034	18.983	19.067	VV	7275	321296	6.13%	0.605%
193	19.096	19.067	19.136	VV	6803	263746	5.04%	0.496%
194	19.209	19.136	19.236	VV	9782	431316	8.23%	0.812%

					rteres			
195	19.292	19.236	19.310	VV	15284	469480	8.96%	0.884%
196	19.328	19.310	19.383	VV	14750	503620	9.62%	0.948%
197	19.457	19.383	19.502	VV	18189	752680	14.37%	1.417%
198	19.566	19.502	19.609	VV	13915	698532	13.34%	1.315%
199	19.629	19.609	19.654	VV	10433	271927	5.19%	0.512%
200	19.714	19.654	19.759	VV	13555	710498	13.56%	1.337%
201	19.788	19.759	19.810	VV	13673	386072	7.37%	0.727%
202	19.827	19.810	19.852	VV	12721	310278	5.92%	0.584%
203	19.997	19.852	20.032	VV	13986	1393310	26.60%	2.623%
204	20.068	20.032	20.140	VV	21702	1061649	20.27%	1.998%
205	20.163	20.140	20.175	VV	14997	314733	6.01%	0.592%
206	20.197	20.175	20.214	VV	15017	349289	6.67%	0.657%
207	20.339	20.214	20.380	VV	18532	1626945	31.06%	3.062%
208	20.456	20.380	20.486	VV	20049	1149601	21.95%	2.164%
209	20.619	20.486	20.649	VV	27081	2028277	38.72%	3.818%
210	20.836	20.649	20.880	VV	26613	3267471	62.38%	6.150%
211	20.948	20.880	20.969	VV	25064	1335502	25.50%	2.514%
212	21.019	20.969	21.041	VV	24997	1074474	20.51%	2.022%
213	21.202	21.041	21.251	VV	26175	3186219	60.83%	5.997%
214	21.527	21.251	21.589	VV	26173	5237743	100.00%	9.859%
215	21.642	21.589	21.775	VV	26084	2848391	54.38%	5.362%
216	21.795	21.775	21.833	VV	25023	870013	16.61%	1.638%
217	21.883	21.833	21.928	VV	24892	1400732	26.74%	2.637%
218	22.002	21.928	22.023	VV	25014	1418425	27.08%	2.670%
219	22.113	22.023	22.216	VV	25696	2915742	55.67%	5.488%
220	22.271	22.216	22.316	VBA	25199	1582443	30.21%	2.979%

Sum of corrected areas: 53126674

Aliphatic EPH 112725.M Fri Dec 05 10:48:16 2025

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-3E	SDG No.:	Q3742
Lab Sample ID:	Q3742-15	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	66.6
Sample Wt/Vol:	30.05 g	Test:	EPH_F2
Prep Method :	Final Vol: 2000 uL Prep Date : 12/04/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	1.36	U	1	1.36	6.00	mg/kg	FE057184.D	12/05/25 3:12	PB170826
Total EPH	Total EPH	1.36	U		1.36	6.00	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-3E	SDG No.:	Q3742
Lab Sample ID:	Q3742-15	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	66.6
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL
Prep Method :		Prep Date	12/04/25
		Test:	EPH_F2

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	1.36	6.00	mg/kg	12/05/25	PB170826
Aliphatic C28-C40	Aliphatic C28-C40	18.0		1	1.77	3.00	mg/kg	12/05/25	PB170826
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	27.2			40 - 140	54%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	31.7			40 - 140	63%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3742-15	Acq On:	05 Dec 2025 03:12
Client Sample ID:	SB-1125-3E	Operator:	YP\AJ
Data file:	FE057184.D	Misc:	
Instrument:	FID_E	ALS Vial:	34
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.194	6.819	251430	1.253	300	ug/ml
Aliphatic C12-C16	6.820	10.265	615058	3.027	200	ug/ml
Aliphatic C16-C21	10.266	13.639	916358	4.621	300	ug/ml
Aliphatic C21-C28	13.640	17.309	1479204	7.443	400	ug/ml
Aliphatic C28-C40	17.310	22.235	36090823	180.544	600	ug/ml
Aliphatic EPH	3.194	22.235	39352873	196.888		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	6962544	31.73		ug/ml
1-chlorooctadecane (SURR)	13.370	13.370	4529019	27.21		ug/ml
Aliphatic C9-C28	3.194	17.309	3262050	16.344	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057184.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 03:12
 Operator : YP\AJ
 Sample : Q3742-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SB-1125-3E

Integration File: autoint1.e
 Quant Time: Dec 05 04:08:32 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)	11.933	6962544	31.728 ug/ml
Spiked Amount 50.000		Recovery =	63.46%
12) S 1-chlorooctadecane (S...	13.370	4529019	27.213 ug/ml
Spiked Amount 50.000		Recovery =	54.43%

Target Compounds

(f)=RT Delta > 1/2 Window

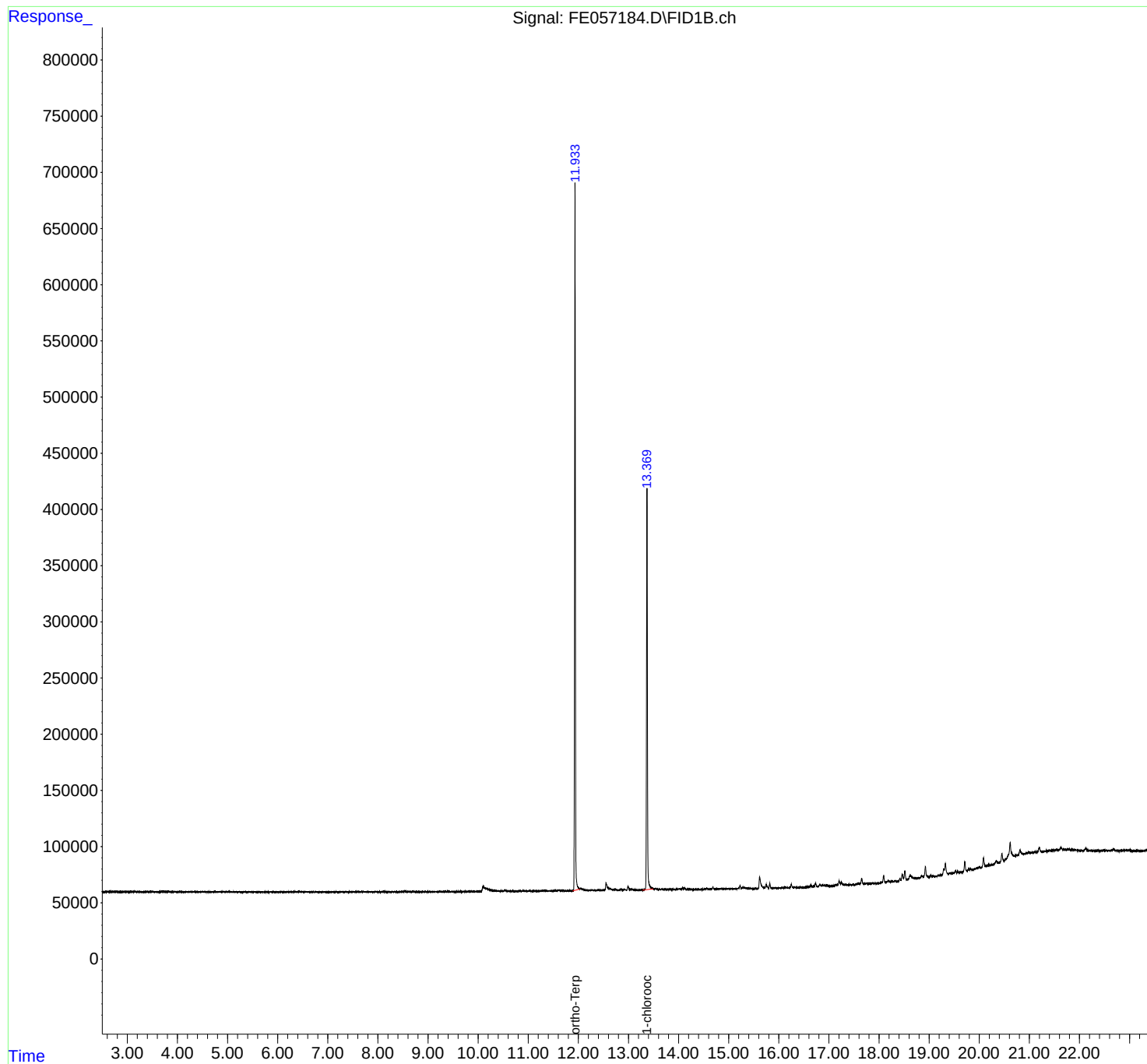
(m)=manual int.

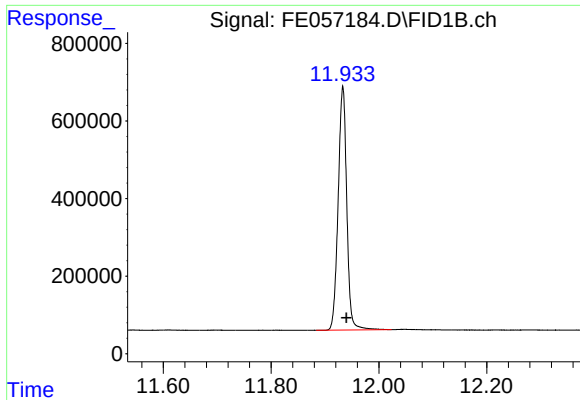
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
Data File : FE057184.D
Signal(s) : FID1B.ch
Acq On : 05 Dec 2025 03:12
Operator : YP\AJ
Sample : Q3742-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-3E

Integration File: autoint1.e
Quant Time: Dec 05 04:08:32 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

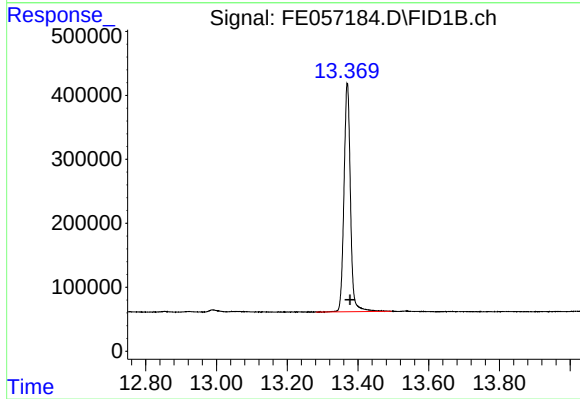




#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: -0.007 min
Response: 6962544
Conc: 31.73 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-3E



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: -0.008 min
Response: 4529019
Conc: 27.21 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057184.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 03:12
 Sample : Q3742-15
 Misc :
 ALS Vial : 34 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	2.685	2.641	2.695	BV	83	537	0.01%	0.001%
2	2.709	2.695	2.734	PV	67	589	0.01%	0.001%
3	2.740	2.734	2.772	PV	99	1237	0.02%	0.002%
4	2.810	2.772	2.824	VV	122	1918	0.03%	0.004%
5	2.879	2.824	2.904	PV	95	3226	0.05%	0.006%
6	2.914	2.904	2.938	VV	158	1795	0.03%	0.003%
7	2.947	2.938	2.986	PV	124	2016	0.03%	0.004%
8	3.002	2.986	3.057	VV	131	3133	0.04%	0.006%
9	3.074	3.057	3.091	VV	160	2216	0.03%	0.004%
10	3.106	3.091	3.119	VV	172	1726	0.02%	0.003%
11	3.132	3.119	3.144	VV	128	1222	0.02%	0.002%
12	3.156	3.144	3.211	VV	113	3319	0.05%	0.006%
13	3.238	3.211	3.271	VV	132	3269	0.05%	0.006%
14	3.294	3.271	3.304	VV	169	2562	0.04%	0.005%
15	3.314	3.304	3.345	VV	130	2834	0.04%	0.005%
16	3.357	3.345	3.378	VV	112	1959	0.03%	0.004%
17	3.404	3.378	3.441	VV	159	4017	0.06%	0.008%
18	3.488	3.441	3.501	VV	219	4637	0.07%	0.009%
19	3.511	3.501	3.528	VV	206	2206	0.03%	0.004%
20	3.542	3.528	3.554	VV	142	2134	0.03%	0.004%
21	3.560	3.554	3.583	VV	171	2104	0.03%	0.004%
22	3.597	3.583	3.654	VV	186	5308	0.08%	0.010%
23	3.661	3.654	3.668	VV	160	1096	0.02%	0.002%
24	3.703	3.668	3.756	VV	183	6395	0.09%	0.012%
25	3.765	3.756	3.818	VV	102	3446	0.05%	0.007%
26	3.822	3.818	3.835	VV	123	975	0.01%	0.002%
27	3.846	3.835	3.896	VV	124	3364	0.05%	0.006%
28	3.903	3.896	3.974	VV	94	4443	0.06%	0.009%
29	4.003	3.974	4.088	VV	144	6544	0.09%	0.013%
30	4.132	4.088	4.141	VV	180	3634	0.05%	0.007%
31	4.150	4.141	4.174	VV	171	2200	0.03%	0.004%
32	4.182	4.174	4.240	VV	145	3462	0.05%	0.007%
33	4.249	4.240	4.274	VV	159	1944	0.03%	0.004%
34	4.351	4.274	4.362	VV	210	6548	0.09%	0.013%
35	4.380	4.362	4.415	VV	190	4357	0.06%	0.008%
36	4.436	4.415	4.543	VV	217	8122	0.12%	0.016%

					rt	er		
37	4.555	4.543	4.616	VV	202	5139	0.07%	0.010%
38	4.626	4.616	4.657	VV	175	2516	0.04%	0.005%
39	4.671	4.657	4.723	VV	138	2885	0.04%	0.006%
40	4.742	4.723	4.765	VV	266	5041	0.07%	0.010%
41	4.780	4.765	4.841	VV	215	6950	0.10%	0.013%
42	4.865	4.841	4.912	VV	206	6233	0.09%	0.012%
43	4.924	4.912	4.935	VV	172	2007	0.03%	0.004%
44	4.954	4.935	4.968	VV	183	2882	0.04%	0.006%
45	4.981	4.968	4.991	VV	173	1938	0.03%	0.004%
46	5.014	4.991	5.033	VV	214	3957	0.06%	0.008%
47	5.059	5.033	5.101	VV	170	3993	0.06%	0.008%
48	5.126	5.101	5.163	VV	145	3024	0.04%	0.006%
49	5.172	5.163	5.194	VV	111	1108	0.02%	0.002%
50	5.211	5.194	5.258	VV	177	3469	0.05%	0.007%
51	5.284	5.258	5.314	VV	120	2139	0.03%	0.004%
52	5.323	5.314	5.389	VV	118	2925	0.04%	0.006%
53	5.456	5.389	5.498	VV	168	5490	0.08%	0.011%
54	5.531	5.498	5.548	VV	117	2634	0.04%	0.005%
55	5.558	5.548	5.607	VV	109	2482	0.04%	0.005%
56	5.634	5.607	5.648	VV	193	2168	0.03%	0.004%
57	5.651	5.648	5.661	VV	117	491	0.01%	0.001%
58	5.684	5.661	5.708	PV	132	2060	0.03%	0.004%
59	5.715	5.708	5.738	VV	102	1173	0.02%	0.002%
60	5.750	5.738	5.781	VV	92	1854	0.03%	0.004%
61	5.847	5.781	5.974	VV	168	10591	0.15%	0.020%
62	5.991	5.974	6.010	VV	118	2156	0.03%	0.004%
63	6.024	6.010	6.048	VV	163	2368	0.03%	0.005%
64	6.068	6.048	6.090	VV	158	2979	0.04%	0.006%
65	6.103	6.090	6.141	VV	150	3486	0.05%	0.007%
66	6.158	6.141	6.208	VV	188	4848	0.07%	0.009%
67	6.211	6.208	6.219	VV	132	571	0.01%	0.001%
68	6.261	6.219	6.289	VV	219	5990	0.09%	0.012%
69	6.297	6.289	6.311	VV	154	1662	0.02%	0.003%
70	6.319	6.311	6.325	VV	186	1334	0.02%	0.003%
71	6.349	6.325	6.378	VV	219	5418	0.08%	0.010%
72	6.428	6.378	6.467	VV	546	14435	0.21%	0.028%
73	6.474	6.467	6.482	VV	232	1745	0.02%	0.003%
74	6.508	6.482	6.551	VV	234	7077	0.10%	0.014%
75	6.580	6.551	6.644	VV	258	9585	0.14%	0.018%
76	6.652	6.644	6.665	VV	208	2051	0.03%	0.004%
77	6.675	6.665	6.774	VV	204	9379	0.13%	0.018%
78	6.789	6.774	6.798	VV	182	1683	0.02%	0.003%
79	6.807	6.798	6.831	VV	175	1954	0.03%	0.004%
80	6.854	6.831	6.891	VV	155	4137	0.06%	0.008%
81	6.899	6.891	6.931	VV	158	2605	0.04%	0.005%
82	6.934	6.931	6.963	VV	116	1339	0.02%	0.003%
83	7.055	6.963	7.068	VV	187	6423	0.09%	0.012%
84	7.078	7.068	7.135	VV	145	3677	0.05%	0.007%
85	7.175	7.135	7.231	PV	89	4752	0.07%	0.009%
86	7.305	7.231	7.388	VV	162	10860	0.15%	0.021%
87	7.409	7.388	7.521	VV	198	10209	0.15%	0.020%
88	7.555	7.521	7.581	VV	156	5049	0.07%	0.010%
89	7.624	7.581	7.661	VV	210	8475	0.12%	0.016%

					rteres			
90	7.673	7.661	7.750	VV	290	10124	0.14%	0.019%
91	7.800	7.750	7.821	VV	219	4701	0.07%	0.009%
92	7.829	7.821	7.904	VV	149	3057	0.04%	0.006%
93	7.961	7.904	8.005	VV	337	8412	0.12%	0.016%
94	8.020	8.005	8.044	VV	156	2313	0.03%	0.004%
95	8.087	8.044	8.113	VV	211	5166	0.07%	0.010%
96	8.134	8.113	8.194	VV	337	7610	0.11%	0.015%
97	8.202	8.194	8.272	VV	169	4108	0.06%	0.008%
98	8.286	8.272	8.301	VV	67	1247	0.02%	0.002%
99	8.371	8.301	8.396	VV	154	4678	0.07%	0.009%
100	8.532	8.396	8.665	PV	738	33144	0.47%	0.064%
101	8.708	8.665	8.863	VV	254	14976	0.21%	0.029%
102	8.881	8.863	8.900	VV	67	1161	0.02%	0.002%
103	8.921	8.900	8.954	VV	106	1494	0.02%	0.003%
104	9.007	8.954	9.046	VV	169	6413	0.09%	0.012%
105	9.091	9.046	9.134	VV	398	10110	0.14%	0.019%
106	9.148	9.134	9.188	VV	132	2894	0.04%	0.006%
107	9.249	9.188	9.271	VV	177	7351	0.10%	0.014%
108	9.297	9.271	9.324	VV	265	7517	0.11%	0.014%
109	9.386	9.324	9.484	VV	431	19774	0.28%	0.038%
110	9.499	9.484	9.551	VV	112	2632	0.04%	0.005%
111	9.567	9.551	9.596	VV	170	2749	0.04%	0.005%
112	9.619	9.596	9.654	PV	116	2206	0.03%	0.004%
113	9.670	9.654	9.703	VV	121	2094	0.03%	0.004%
114	9.761	9.703	9.778	VV	191	4229	0.06%	0.008%
115	9.805	9.778	9.936	VV	248	16393	0.23%	0.032%
116	9.949	9.936	9.976	VV	215	3067	0.04%	0.006%
117	10.001	9.976	10.061	VV	224	5224	0.07%	0.010%
118	10.103	10.061	10.478	PV	4140	362688	5.16%	0.698%
119	10.537	10.478	10.624	VV	1223	52530	0.75%	0.101%
120	10.640	10.624	10.678	VV	384	9774	0.14%	0.019%
121	10.691	10.678	10.751	VV	336	9304	0.13%	0.018%
122	10.831	10.751	10.868	VV	336	14158	0.20%	0.027%
123	10.905	10.868	10.951	VV	498	15181	0.22%	0.029%
124	10.974	10.951	11.008	VV	310	7519	0.11%	0.014%
125	11.027	11.008	11.078	VV	290	7924	0.11%	0.015%
126	11.125	11.078	11.199	VV	363	11166	0.16%	0.021%
127	11.315	11.199	11.358	PV	436	27458	0.39%	0.053%
128	11.371	11.358	11.518	VV	395	20798	0.30%	0.040%
129	11.543	11.518	11.574	VV	821	13606	0.19%	0.026%
130	11.610	11.574	11.653	VV	748	17708	0.25%	0.034%
131	11.698	11.653	11.738	VV	357	10370	0.15%	0.020%
132	11.810	11.738	11.873	VV	256	9370	0.13%	0.018%
133	11.933	11.873	12.025	PV	636636	7025781	100.00%	13.517%
134	12.047	12.025	12.196	VV	2323	113771	1.62%	0.219%
135	12.218	12.196	12.241	VV	607	12336	0.18%	0.024%
136	12.281	12.241	12.354	VV	736	26680	0.38%	0.051%
137	12.372	12.354	12.386	VV	325	5202	0.07%	0.010%
138	12.410	12.386	12.467	VV	689	16216	0.23%	0.031%
139	12.491	12.467	12.518	VV	442	9622	0.14%	0.019%
140	12.555	12.518	12.721	VV	6356	244650	3.48%	0.471%
141	12.740	12.721	12.808	VV	1034	31006	0.44%	0.060%

					rteres			
142	12.854	12.808	12.888	VV	1293	25951	0.37%	0.050%
143	12.922	12.888	12.958	VV	1015	22629	0.32%	0.044%
144	12.991	12.958	13.030	VV	3428	68620	0.98%	0.132%
145	13.056	13.030	13.202	VV	993	46603	0.66%	0.090%
146	13.232	13.202	13.271	VV	236	7092	0.10%	0.014%
147	13.281	13.271	13.298	VV	227	2164	0.03%	0.004%
148	13.370	13.298	13.514	VV	358910	4617181	65.72%	8.883%
149	13.534	13.514	13.628	VV	1488	56950	0.81%	0.110%
150	13.661	13.628	13.761	VV	637	39974	0.57%	0.077%
151	13.770	13.761	13.786	VV	483	5839	0.08%	0.011%
152	13.818	13.786	13.894	VV	603	27808	0.40%	0.053%
153	13.963	13.894	13.991	VV	567	25391	0.36%	0.049%
154	14.015	13.991	14.047	VV	920	21582	0.31%	0.042%
155	14.080	14.047	14.104	VV	1407	27406	0.39%	0.053%
156	14.121	14.104	14.154	VV	1474	24148	0.34%	0.046%
157	14.180	14.154	14.202	VV	450	10631	0.15%	0.020%
158	14.220	14.202	14.320	VV	354	16527	0.24%	0.032%
159	14.344	14.320	14.398	VV	286	5907	0.08%	0.011%
160	14.421	14.398	14.437	VV	155	1952	0.03%	0.004%
161	14.565	14.437	14.618	PV	977	33912	0.48%	0.065%
162	14.639	14.618	14.657	VV	359	5943	0.08%	0.011%
163	14.686	14.657	14.720	VV	1940	28545	0.41%	0.055%
164	14.750	14.720	14.771	VV	561	8229	0.12%	0.016%
165	14.840	14.771	14.901	VV	470	24449	0.35%	0.047%
166	14.925	14.901	15.014	VV	232	11046	0.16%	0.021%
167	15.036	15.014	15.058	VV	175	3313	0.05%	0.006%
168	15.084	15.058	15.114	VV	219	4295	0.06%	0.008%
169	15.137	15.114	15.158	VV	64	1660	0.02%	0.003%
170	15.227	15.158	15.254	PV	2969	57472	0.82%	0.111%
171	15.284	15.254	15.480	VV	1314	76129	1.08%	0.146%
172	15.563	15.480	15.578	VV	112	3223	0.05%	0.006%
173	15.619	15.578	15.720	PV	10095	251396	3.58%	0.484%
174	15.749	15.720	15.793	VV	3525	70736	1.01%	0.136%
175	15.820	15.793	15.907	VV	4509	65734	0.94%	0.126%
176	15.931	15.907	15.988	VV	197	6055	0.09%	0.012%
177	16.070	15.988	16.094	VV	319	10210	0.15%	0.020%
178	16.140	16.094	16.192	VV	553	16924	0.24%	0.033%
179	16.250	16.192	16.297	VV	3255	54421	0.77%	0.105%
180	16.323	16.297	16.361	VV	331	6531	0.09%	0.013%
181	16.389	16.361	16.407	VV	140	1936	0.03%	0.004%
182	16.450	16.407	16.481	PV	255	3885	0.06%	0.007%
183	16.559	16.481	16.583	PV	418	9369	0.13%	0.018%
184	16.638	16.583	16.675	VV	1516	39030	0.56%	0.075%
185	16.734	16.675	16.784	VV	3552	74197	1.06%	0.143%
186	16.820	16.784	16.884	VV	1878	72482	1.03%	0.139%
187	16.910	16.884	17.018	VV	1305	66527	0.95%	0.128%
188	17.035	17.018	17.060	VV	596	10236	0.15%	0.020%
189	17.203	17.060	17.231	VV	4590	134149	1.91%	0.258%
190	17.250	17.231	17.378	VV	3392	120005	1.71%	0.231%
191	17.395	17.378	17.411	VV	698	12646	0.18%	0.024%
192	17.495	17.411	17.521	VV	681	39697	0.57%	0.076%
193	17.585	17.521	17.608	VV	1359	56163	0.80%	0.108%
194	17.654	17.608	17.708	VV	6148	132982	1.89%	0.256%

					rteres			
195	17.741	17.708	17.805	VV	1351	60425	0.86%	0.116%
196	17.866	17.805	17.908	VV	1219	61780	0.88%	0.119%
197	17.932	17.908	17.958	VV	1048	29099	0.41%	0.056%
198	18.092	17.958	18.138	VV	7497	231531	3.30%	0.445%
199	18.185	18.138	18.228	VV	3031	118905	1.69%	0.229%
200	18.324	18.228	18.350	VV	2629	155141	2.21%	0.298%
201	18.417	18.350	18.434	VV	4552	137736	1.96%	0.265%
202	18.463	18.434	18.489	VV	7769	187076	2.66%	0.360%
203	18.515	18.489	18.557	VV	10988	252476	3.59%	0.486%
204	18.622	18.557	18.710	VV	6729	434580	6.19%	0.836%
205	18.738	18.710	18.764	VV	4119	130666	1.86%	0.251%
206	18.781	18.764	18.798	VV	4156	80459	1.15%	0.155%
207	18.855	18.798	18.888	VV	5735	262914	3.74%	0.506%
208	18.925	18.888	18.991	VV	14310	450105	6.41%	0.866%
209	19.033	18.991	19.115	VV	5958	389102	5.54%	0.749%
210	19.225	19.115	19.248	VV	5971	433847	6.18%	0.835%
211	19.324	19.248	19.388	VV	16158	783967	11.16%	1.508%
212	19.527	19.388	19.548	VV	9341	715942	10.19%	1.377%
213	19.570	19.548	19.598	VV	8310	238726	3.40%	0.459%
214	19.626	19.598	19.654	VV	8003	263893	3.76%	0.508%
215	19.712	19.654	19.758	VV	16987	641851	9.14%	1.235%
216	19.789	19.758	19.807	VV	10416	288382	4.10%	0.555%
217	19.829	19.807	19.871	VV	10339	374021	5.32%	0.720%
218	19.998	19.871	20.038	VV	11537	1069388	15.22%	2.057%
219	20.085	20.038	20.121	VV	19692	708468	10.08%	1.363%
220	20.197	20.121	20.215	VV	13155	714136	10.16%	1.374%
221	20.337	20.215	20.385	VV	16779	1463940	20.84%	2.816%
222	20.453	20.385	20.491	VV	22998	1101040	15.67%	2.118%
223	20.617	20.491	20.704	VV	32255	2732763	38.90%	5.257%
224	20.813	20.704	20.873	VV	25448	2213382	31.50%	4.258%
225	20.986	20.873	21.020	VV	22660	1954345	27.82%	3.760%
226	21.118	21.020	21.137	VV	23034	1596763	22.73%	3.072%
227	21.197	21.137	21.274	VV	26797	1958477	27.88%	3.768%
228	21.404	21.274	21.438	VV	23789	2296785	32.69%	4.419%
229	21.544	21.438	21.591	VV	24122	2193747	31.22%	4.220%
230	21.632	21.591	21.698	VV	25867	1575937	22.43%	3.032%
231	21.762	21.698	22.074	VV	24118	5270956	75.02%	10.141%
232	22.124	22.074	22.241	VV	24182	2276584	32.40%	4.380%
233	22.250	22.241	22.311	VBA	22085	959778	13.66%	1.846%
Sum of corrected areas:					51978546			

Aliphatic EPH 112725.M Fri Dec 05 10:49:22 2025



CALIBRATION SUMMARY

Initial 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	

Initial 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	

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

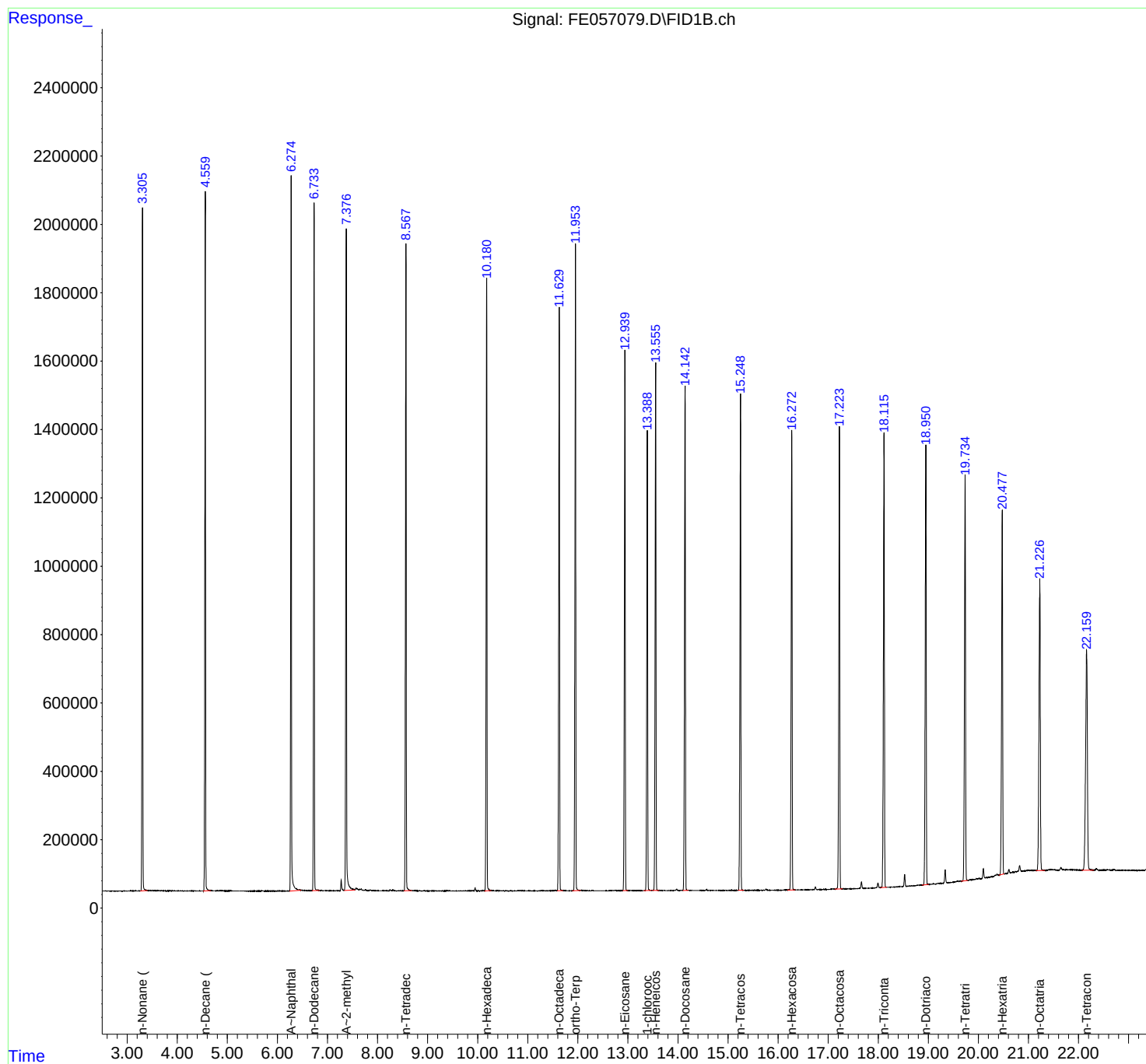
(m)=manual int.

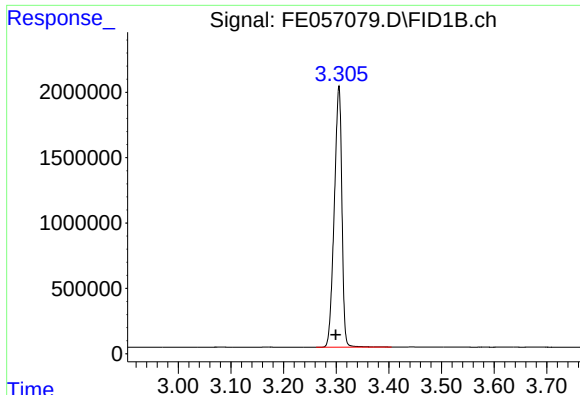
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057079.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 12:17
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 51 Sample Multiplier: 1

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)

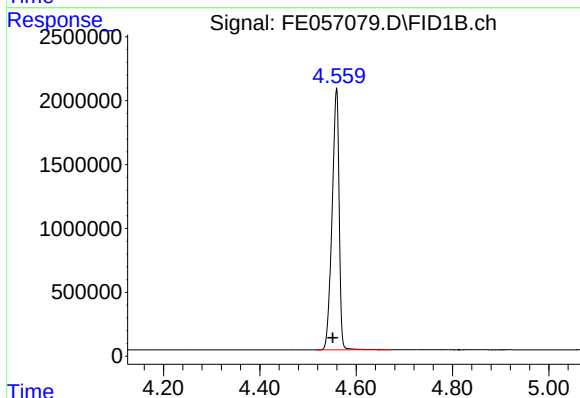
R.T.: 3.305 min
Delta R.T.: 0.006 min
Response: 20032402
Conc: 102.38 ug/ml

Instrument :

FID_E

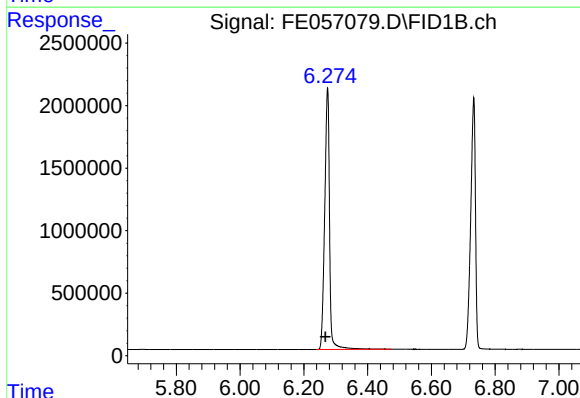
ClientSampleId :

100 PPM ALIPHATIC HC STD1



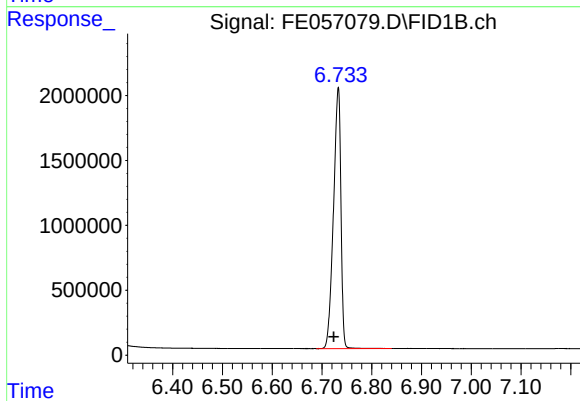
#2 n-Decane (C10)

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



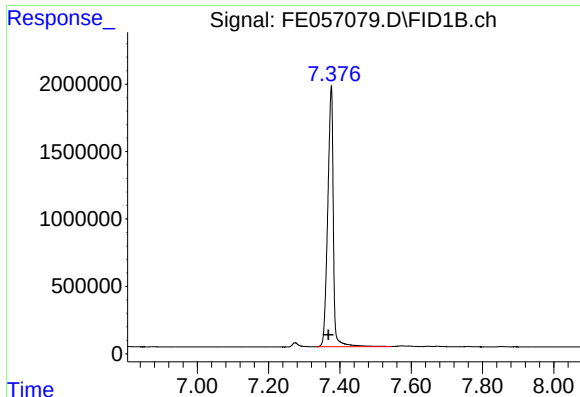
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

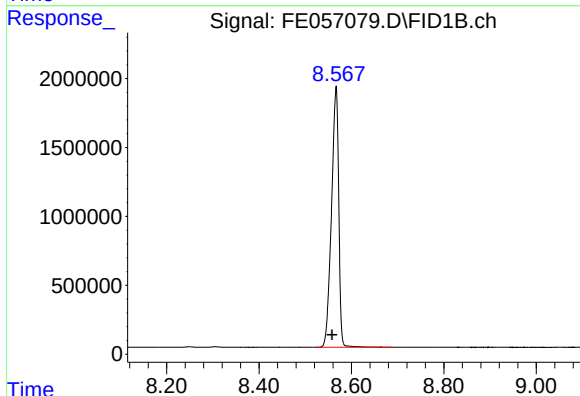
R.T.: 6.732 min
Delta R.T.: 0.008 min
Response: 20870096
Conc: 101.84 ug/ml



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

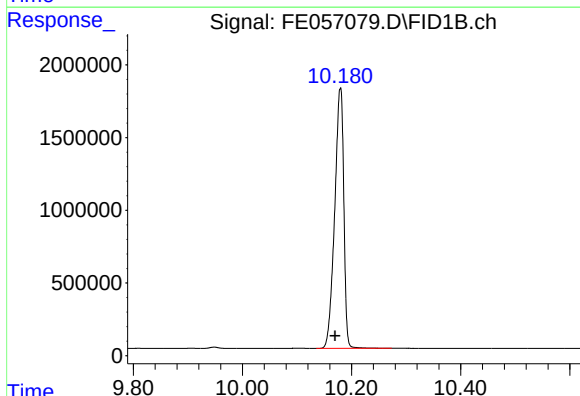
R.T.: 7.375 min
Delta R.T.: 0.008 min
Response: 21107253
Conc: 109.14 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



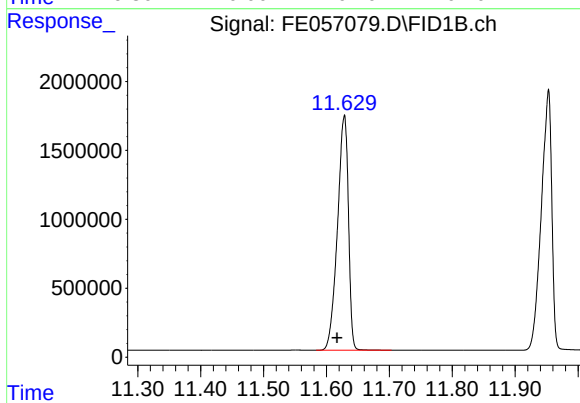
#6 n-Tetradecane (C14)

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



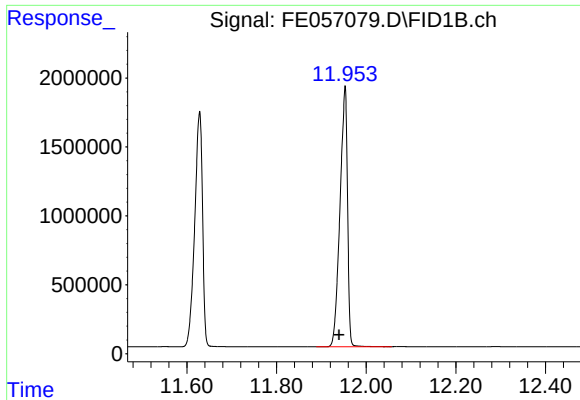
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

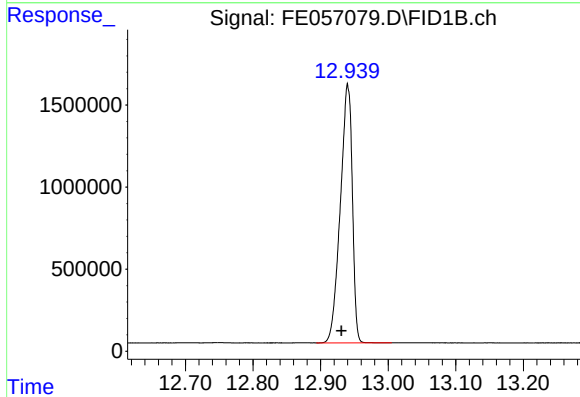
R.T.: 11.628 min
Delta R.T.: 0.011 min
Response: 20604069
Conc: 99.79 ug/ml



#9 ortho-Terphenyl (SURR)

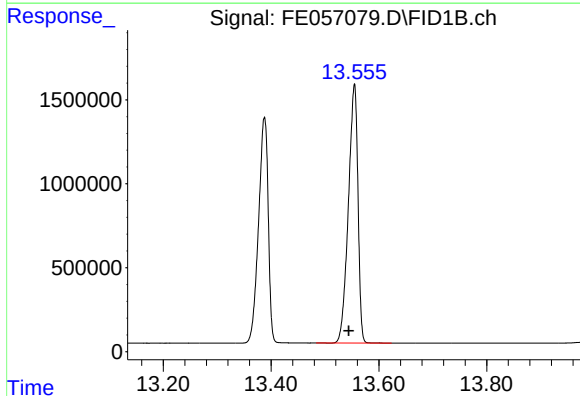
R.T.: 11.952 min
Delta R.T.: 0.012 min
Response: 21912187
Conc: 99.91 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



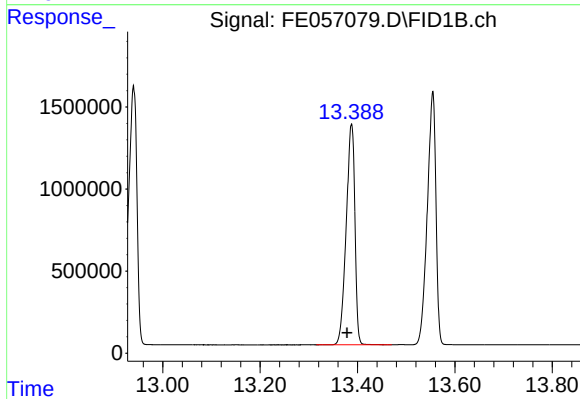
#10 n-Eicosane (C20)

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



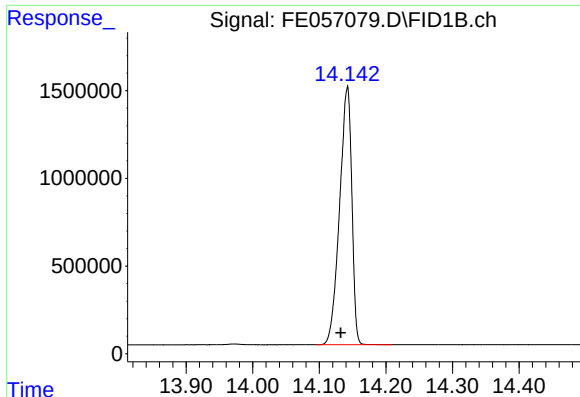
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

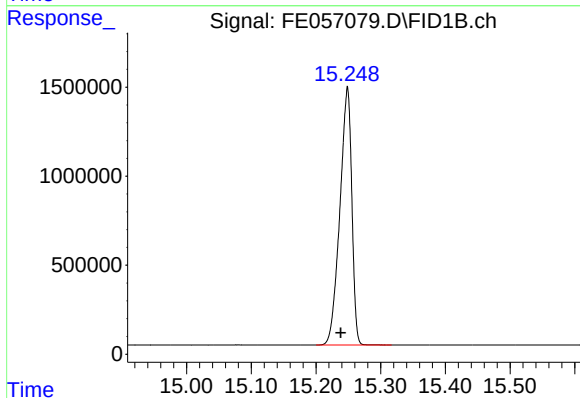
R.T.: 13.387 min
Delta R.T.: 0.009 min
Response: 16734087
Conc: 100.12 ug/ml



#13 n-Docosane (C22)

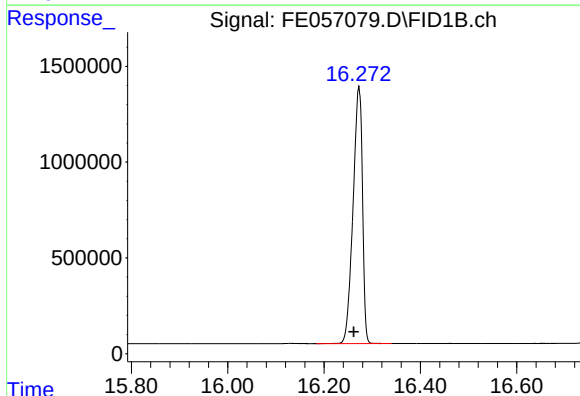
R.T.: 14.142 min
Delta R.T.: 0.009 min
Response: 18765832
Conc: 99.25 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



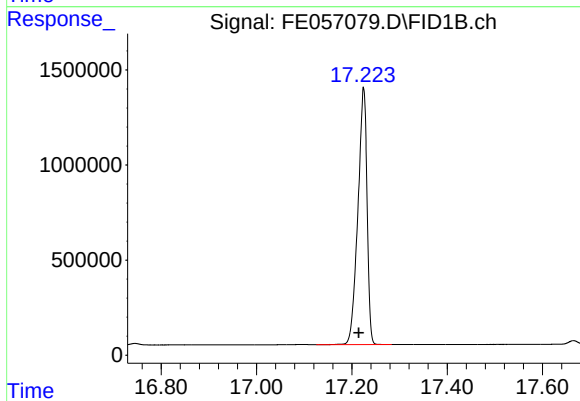
#14 n-Tetracosane (C24)

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



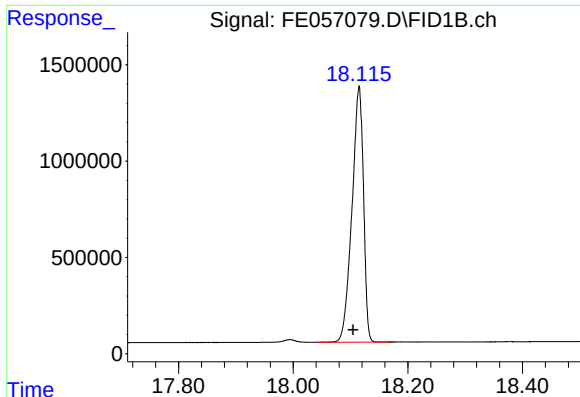
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

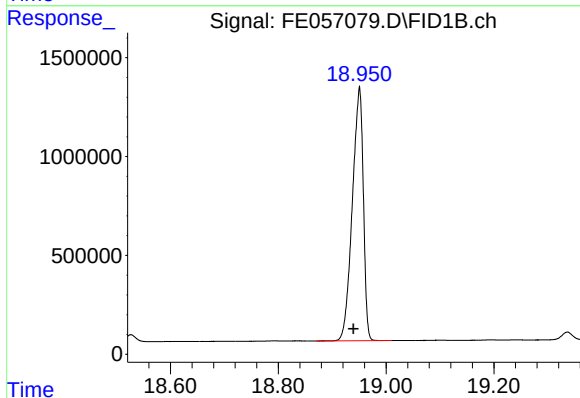
R.T.: 17.224 min
Delta R.T.: 0.010 min
Response: 18058394
Conc: 94.78 ug/ml



#17 n-Tricontane (C30)

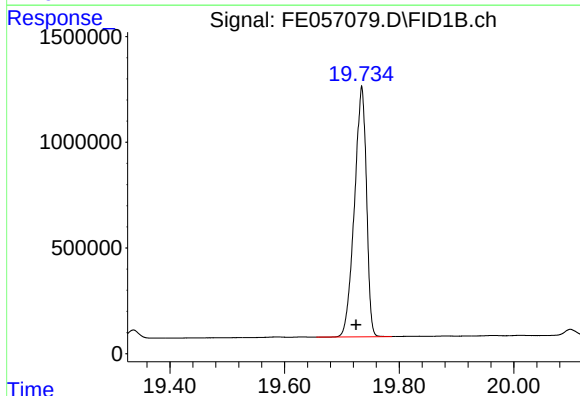
R.T.: 18.115 min
Delta R.T.: 0.010 min
Response: 18497733
Conc: 88.76 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



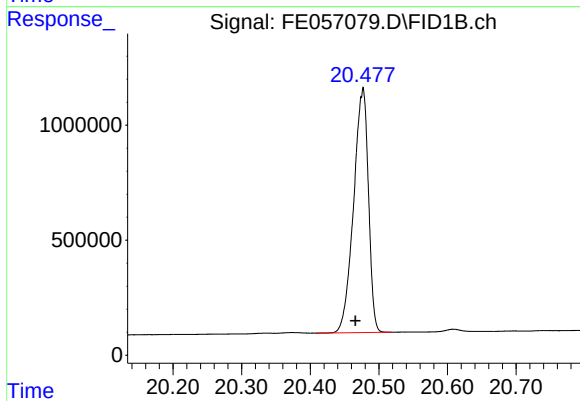
#18 n-Dotriacontane (C32)

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



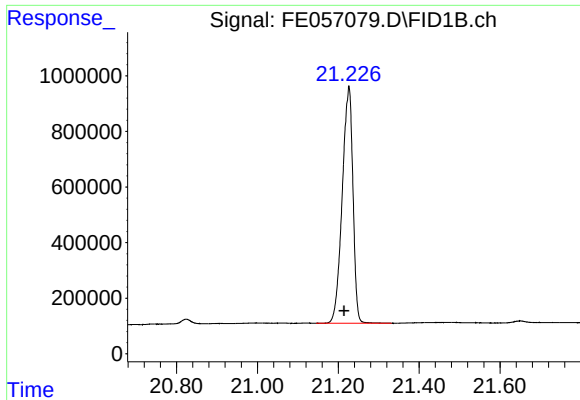
#19 n-Tetratriacontane (C34)

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)

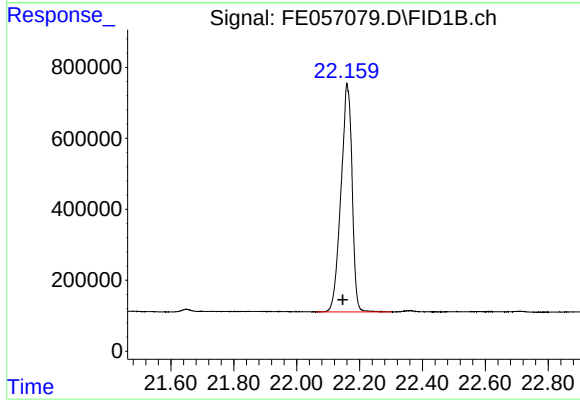
R.T.: 21.226 min
Delta R.T.: 0.012 min
Response: 15667436
Conc: 92.93 ug/ml

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

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

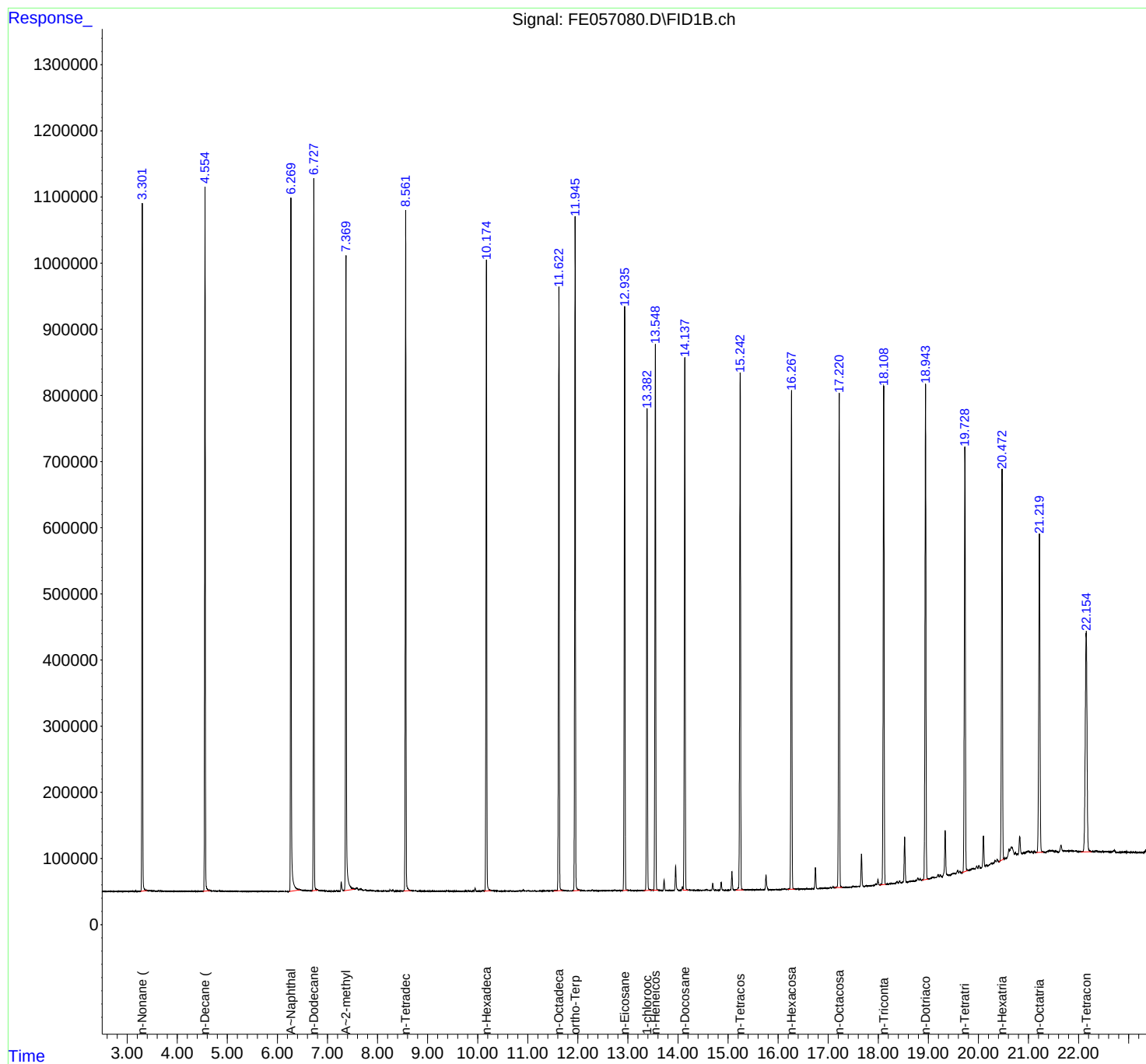
(m)=manual int.

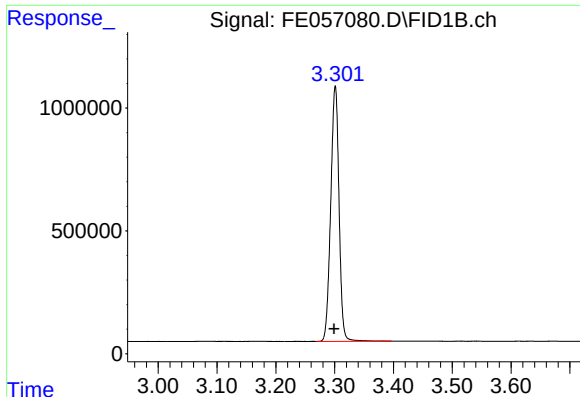
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057080.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 12:47
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 52 Sample Multiplier: 1

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

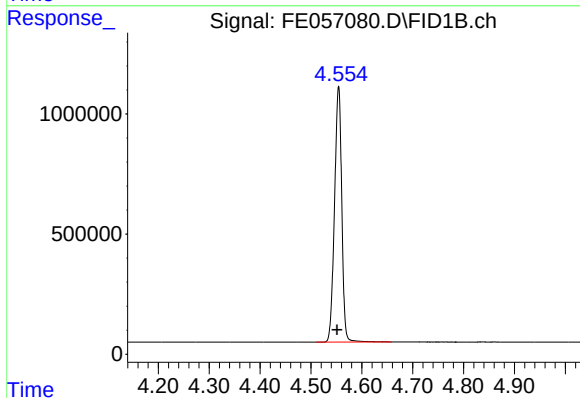




#1 n-Nonane (C9)

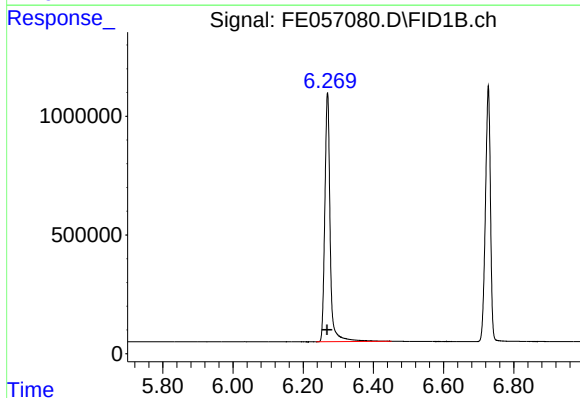
R.T.: 3.301 min
Delta R.T.: 0.002 min
Response: 10181724
Conc: 52.04 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



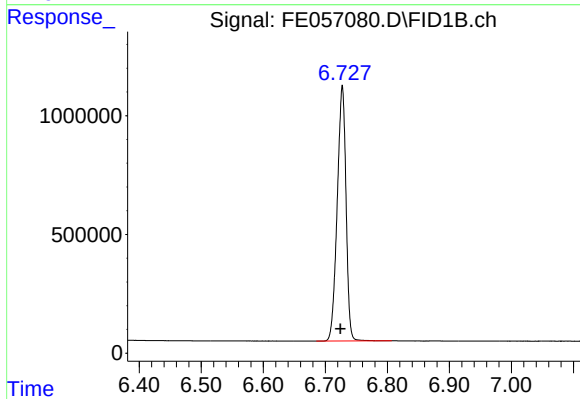
#2 n-Decane (C10)

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



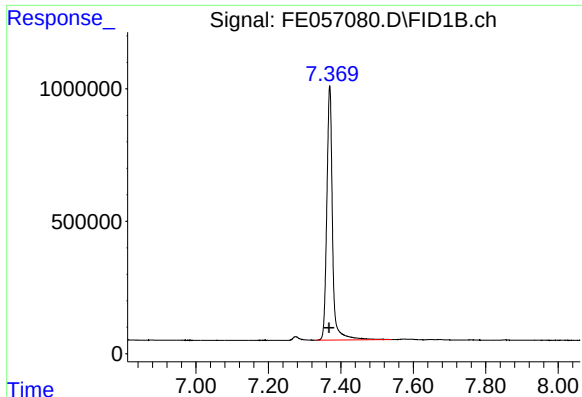
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

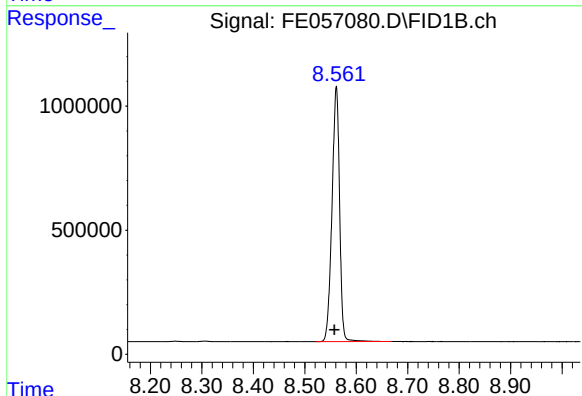
R.T.: 6.727 min
Delta R.T.: 0.003 min
Response: 10588539
Conc: 51.67 ug/ml



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

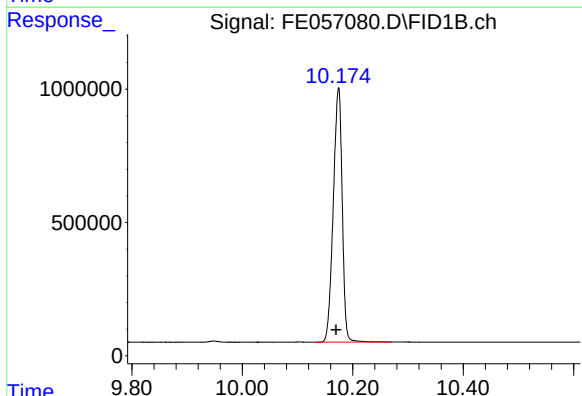
R.T.: 7.369 min
Delta R.T.: 0.002 min
Response: 10490219
Conc: 54.24 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



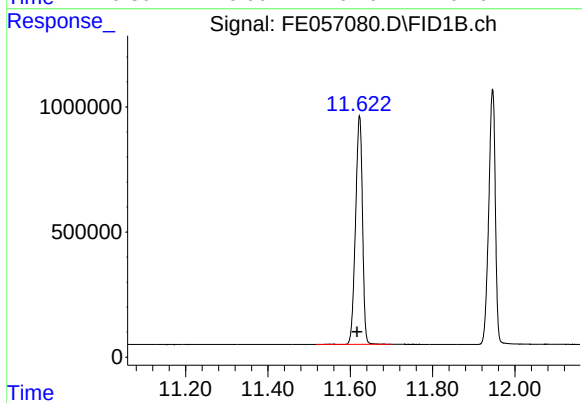
#6 n-Tetradecane (C14)

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



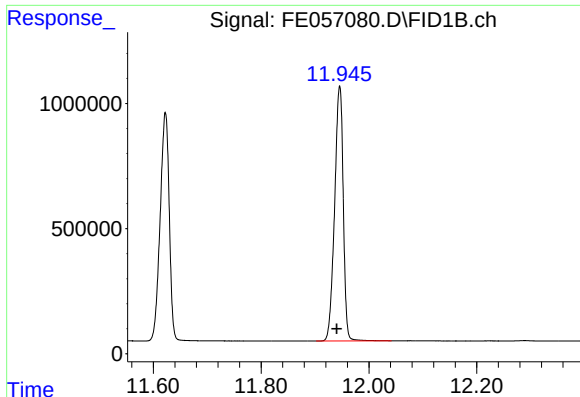
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

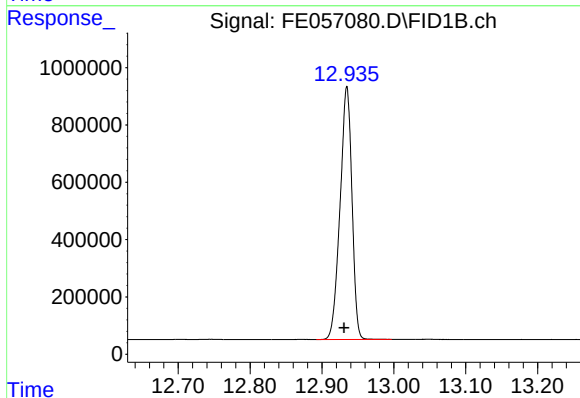
R.T.: 11.622 min
Delta R.T.: 0.005 min
Response: 10702524
Conc: 51.83 ug/ml



#9 ortho-Terphenyl (SURR)

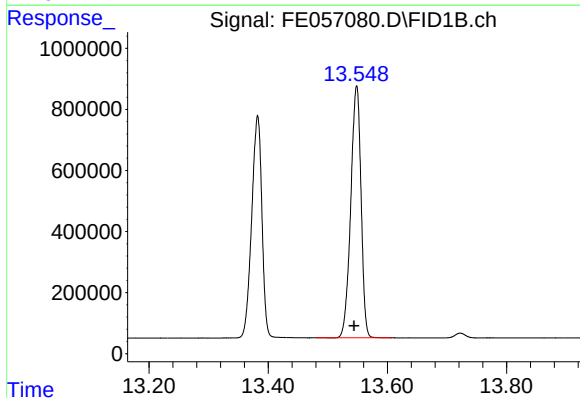
R.T.: 11.945 min
Delta R.T.: 0.006 min
Response: 11338527
Conc: 51.70 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



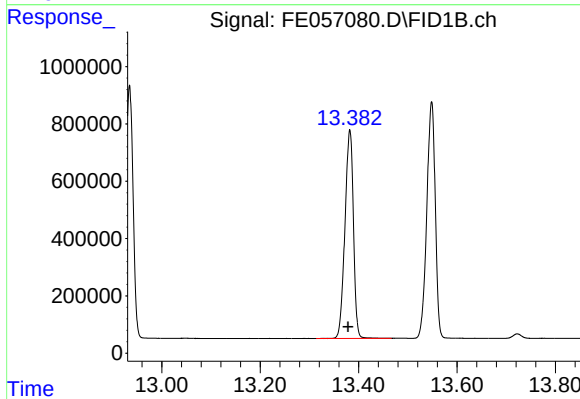
#10 n-Eicosane (C20)

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



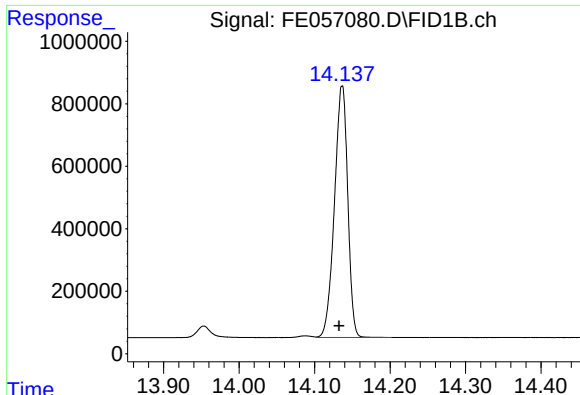
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

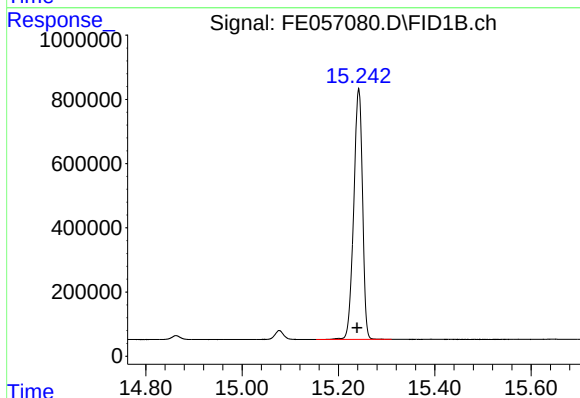
R.T.: 13.382 min
Delta R.T.: 0.004 min
Response: 8686353
Conc: 51.97 ug/ml



#13 n-Docosane (C22)

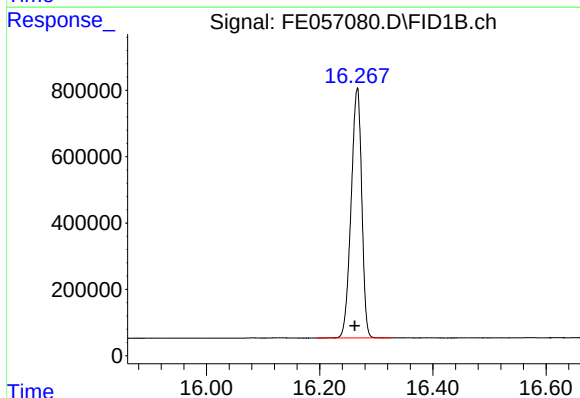
R.T.: 14.136 min
Delta R.T.: 0.004 min
Response: 9855250
Conc: 52.12 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



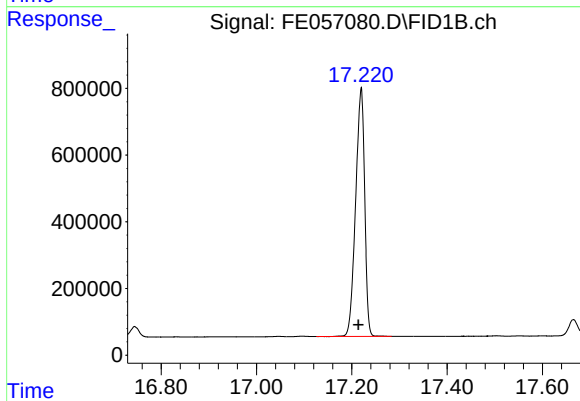
#14 n-Tetracosane (C24)

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



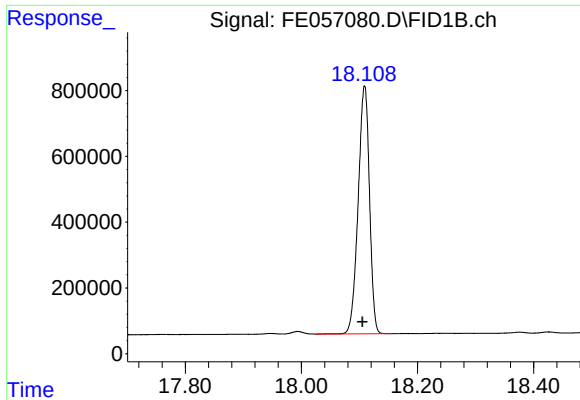
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

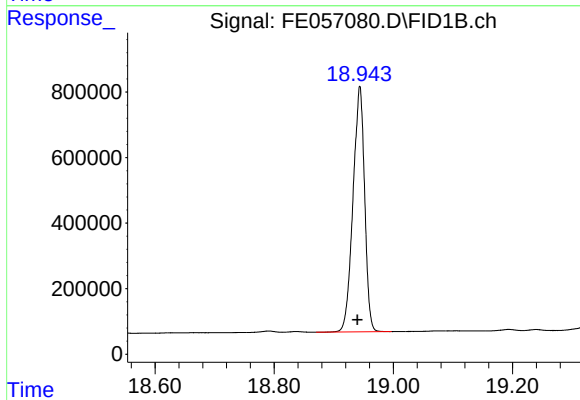
R.T.: 17.219 min
Delta R.T.: 0.005 min
Response: 9813282
Conc: 51.51 ug/ml



#17 n-Tricontane (C30)

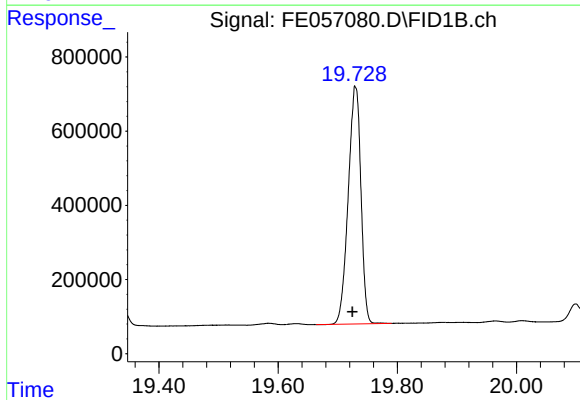
R.T.: 18.109 min
Delta R.T.: 0.004 min
Response: 10211769
Conc: 49.00 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



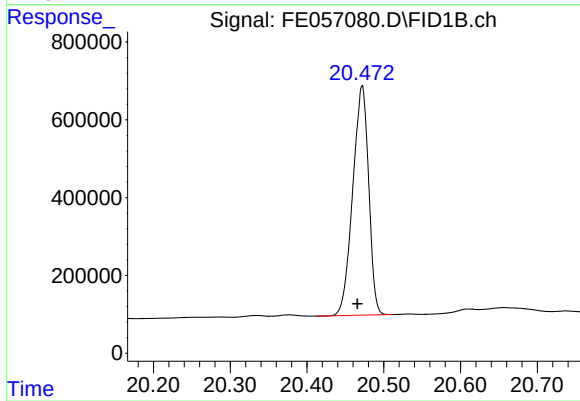
#18 n-Dotriacontane (C32)

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



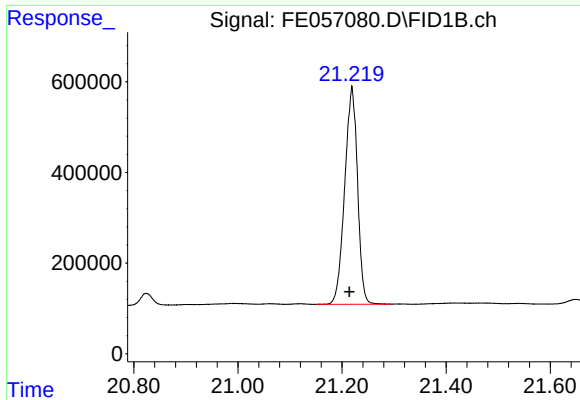
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

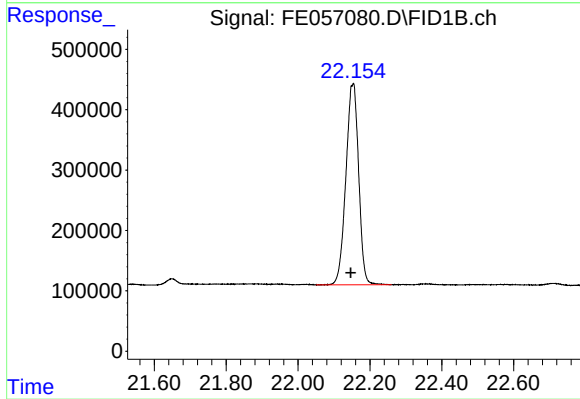
R.T.: 20.472 min
Delta R.T.: 0.006 min
Response: 8500505
Conc: 47.39 ug/ml



#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

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

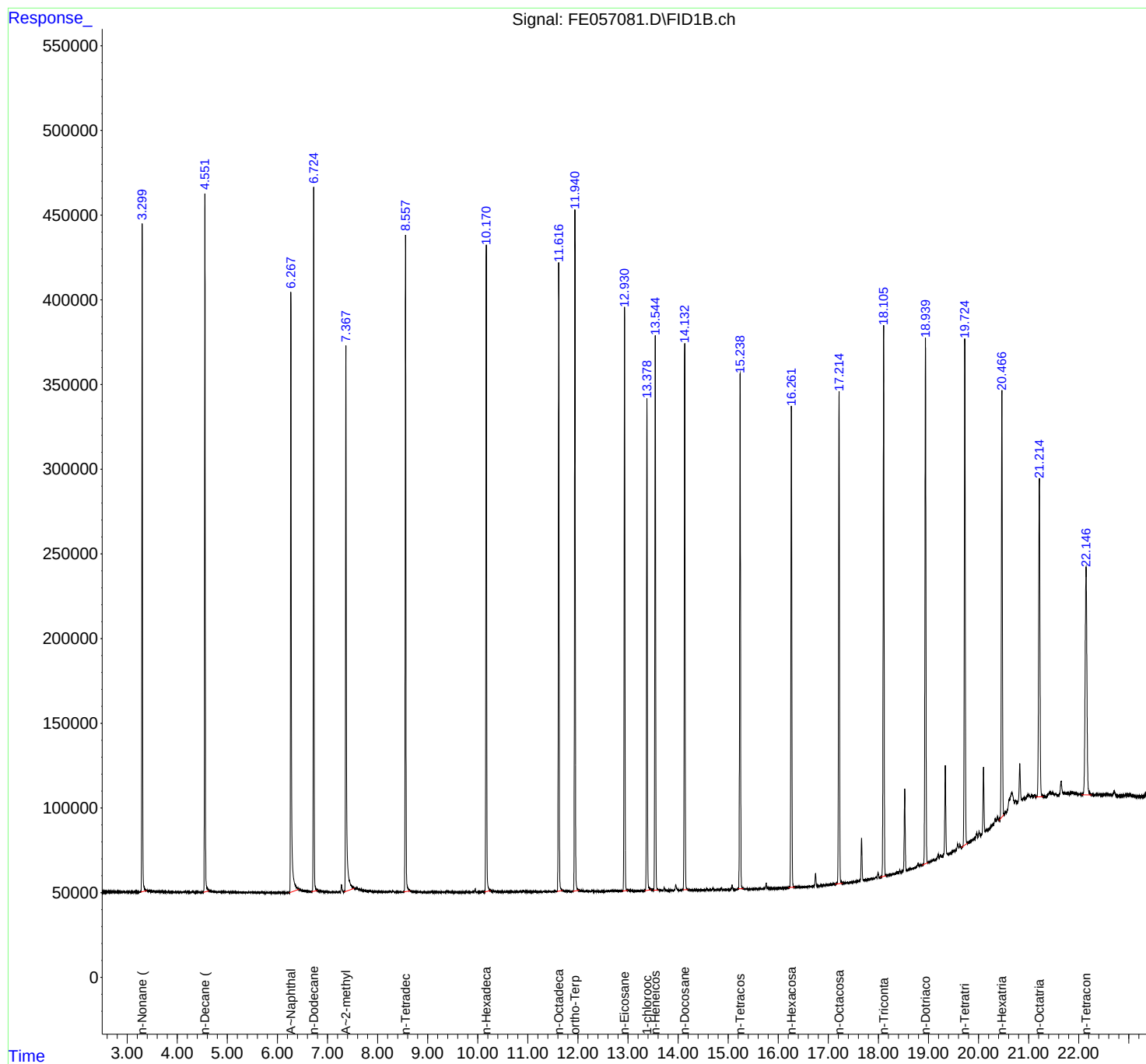
(m)=manual int.

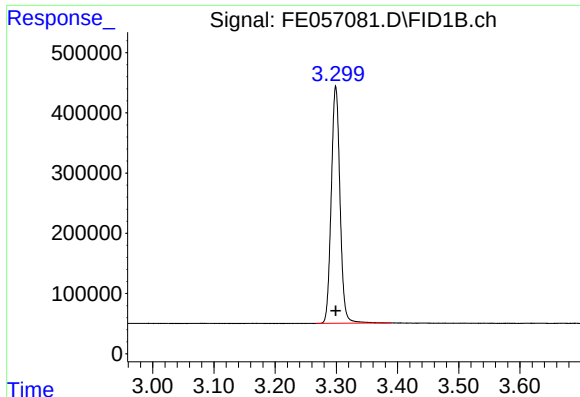
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057081.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 13:17
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 53 Sample Multiplier: 1

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

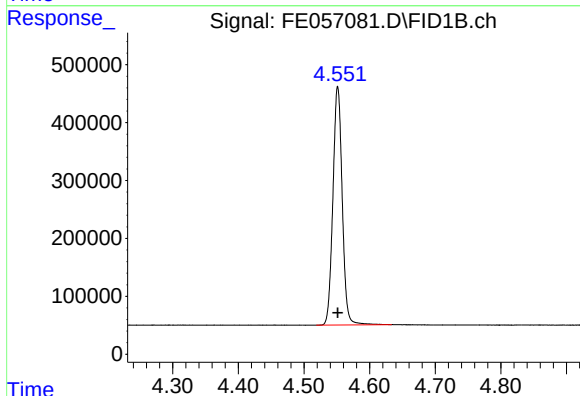




#1 n-Nonane (C9)

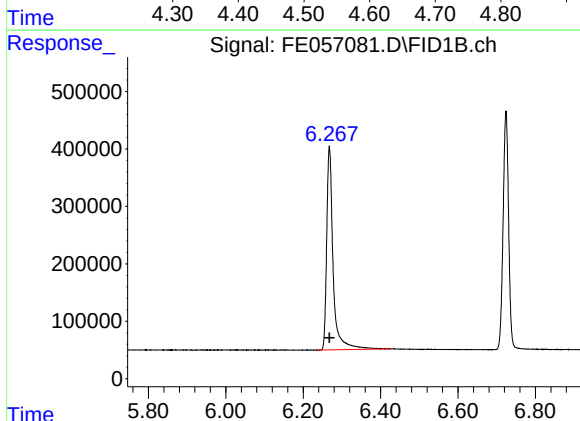
R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 3913269
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



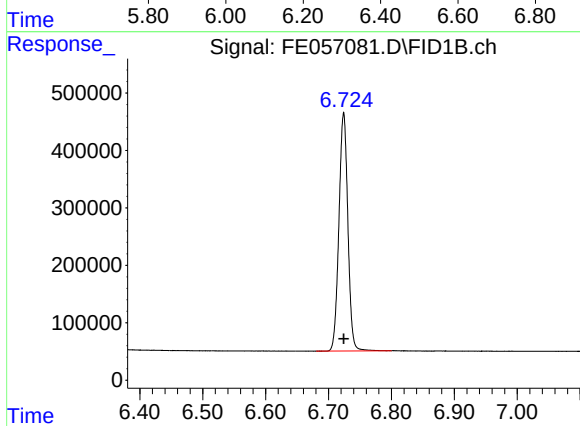
#2 n-Decane (C10)

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



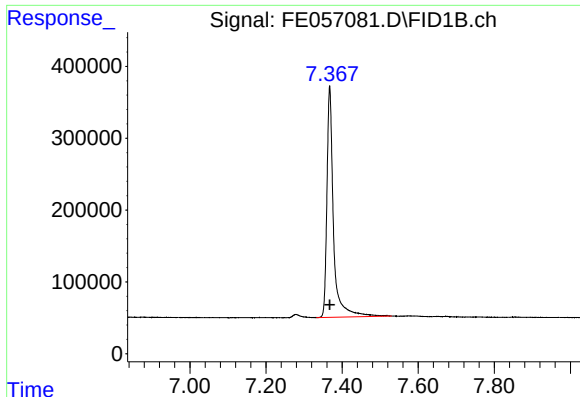
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

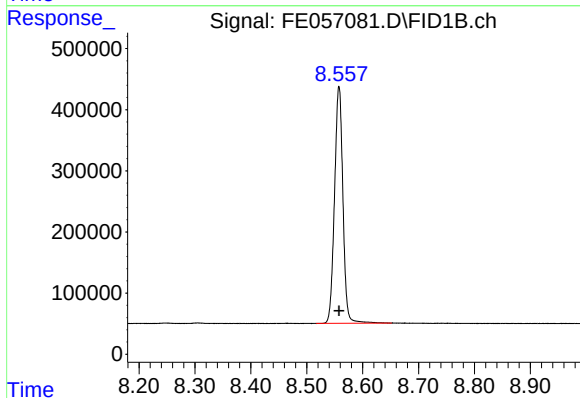
R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 4098464
Conc: 20.00 ug/ml



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

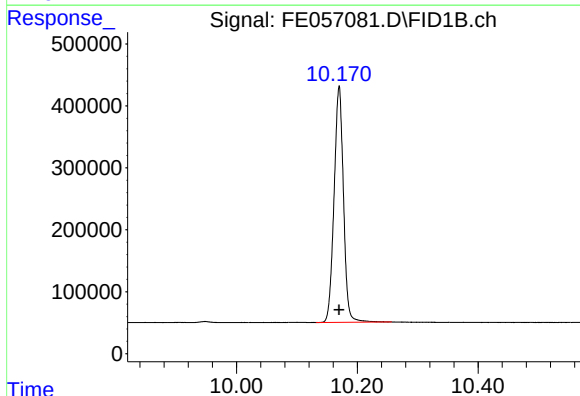
R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 3867913
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



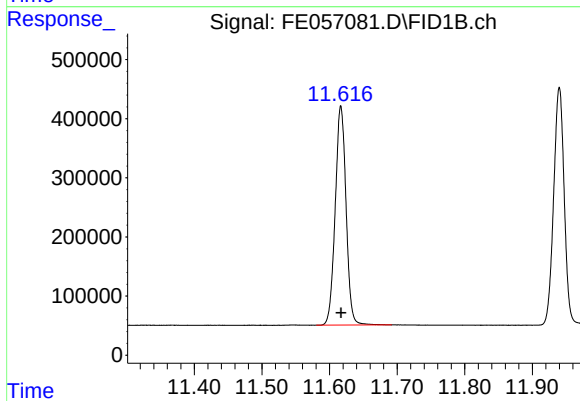
#6 n-Tetradecane (C14)

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



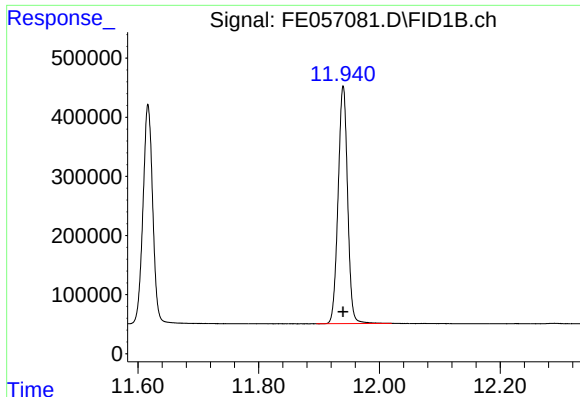
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

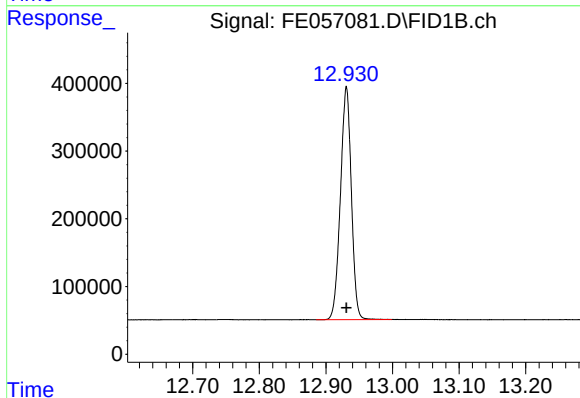
R.T.: 11.617 min
Delta R.T.: 0.000 min
Response: 4129503
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

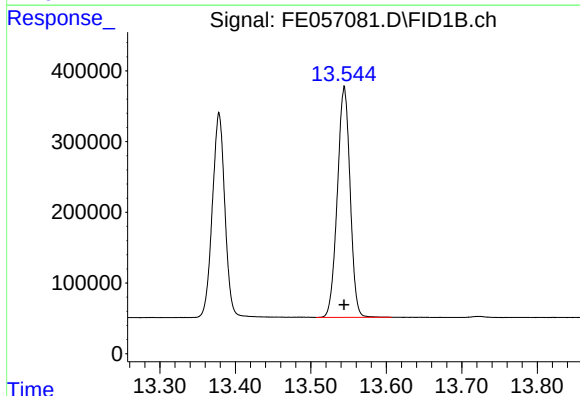
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 4386274
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



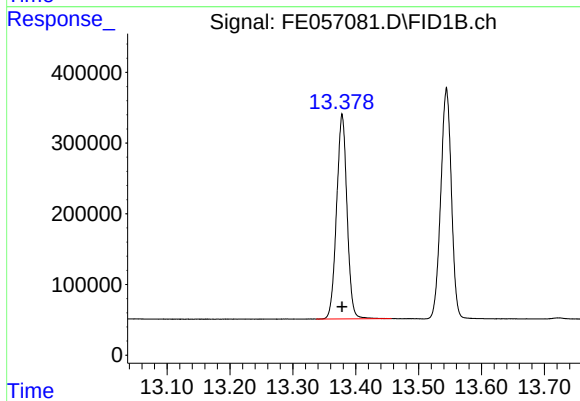
#10 n-Eicosane (C20)

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



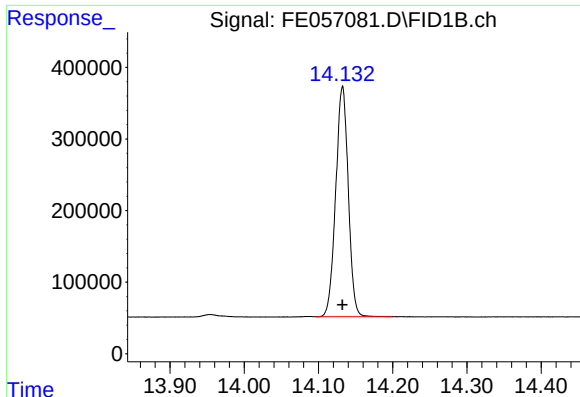
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

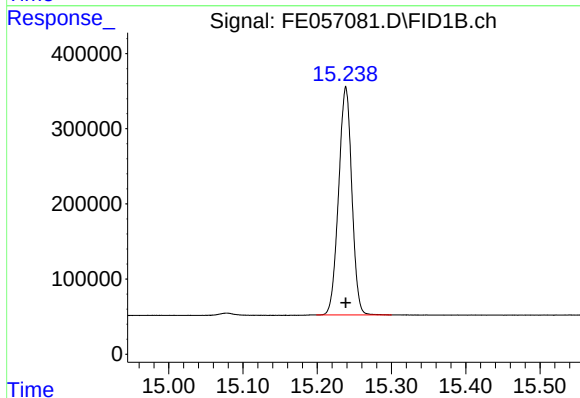
R.T.: 13.378 min
Delta R.T.: 0.000 min
Response: 3342691
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

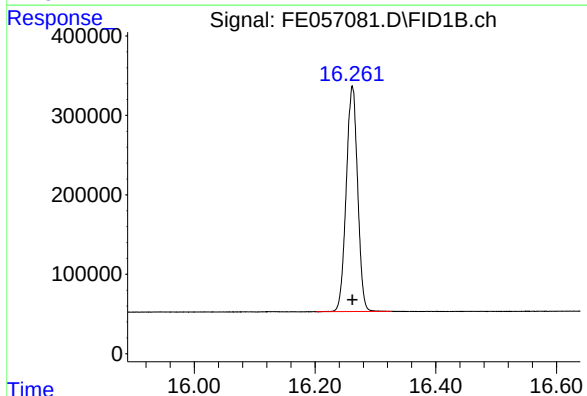
R.T.: 14.132 min
Delta R.T.: 0.000 min
Response: 3781526
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



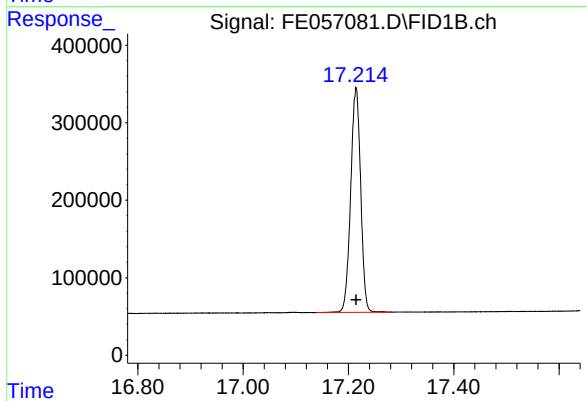
#14 n-Tetracosane (C24)

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



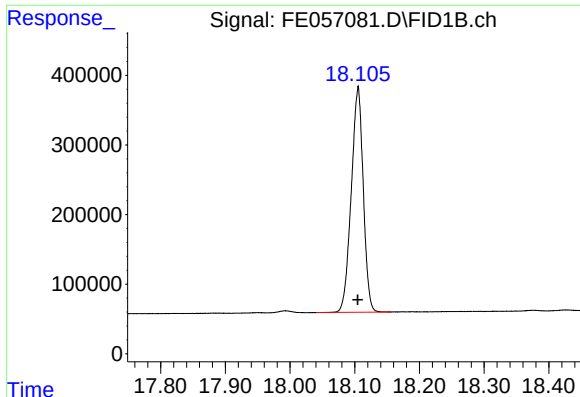
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

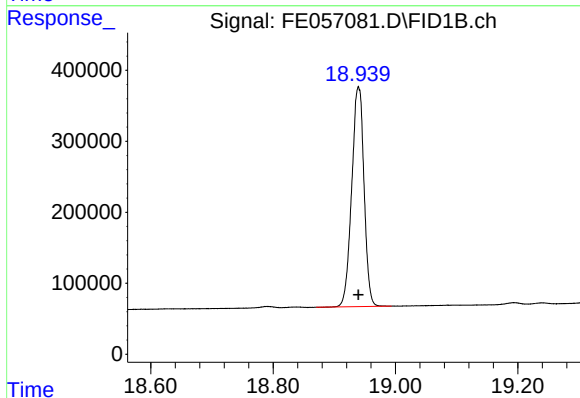
R.T.: 17.214 min
Delta R.T.: 0.000 min
Response: 3810559
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

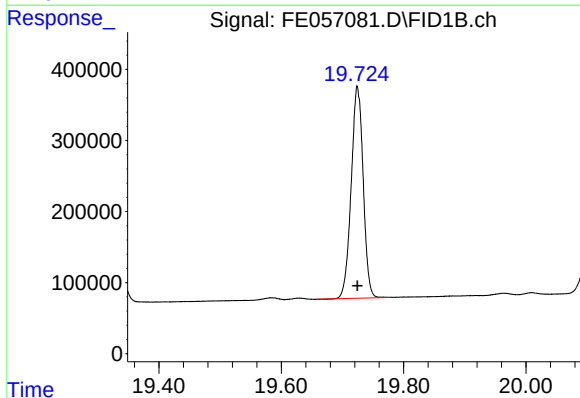
R.T.: 18.105 min
Delta R.T.: 0.000 min
Response: 4167826
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



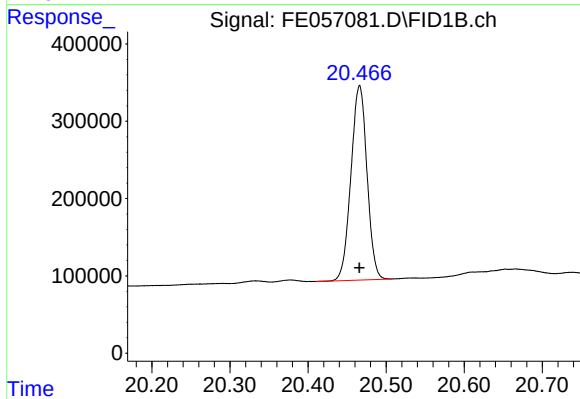
#18 n-Dotriacontane (C32)

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



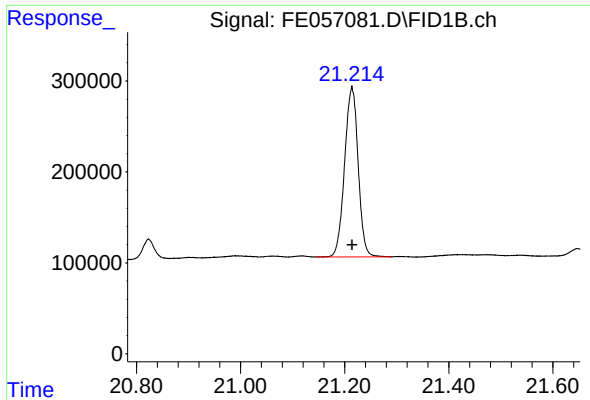
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

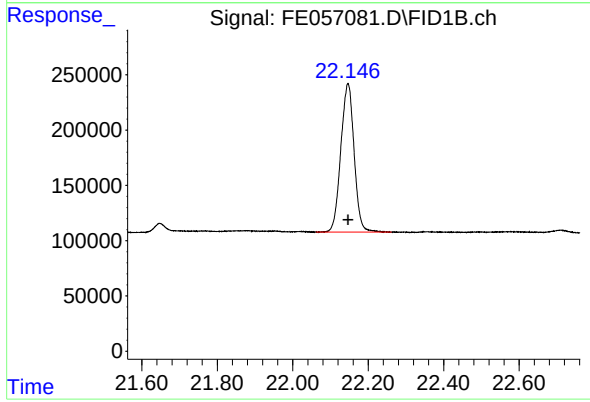
R.T.: 20.466 min
Delta R.T.: 0.000 min
Response: 3587436
Conc: 20.00 ug/ml



#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

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

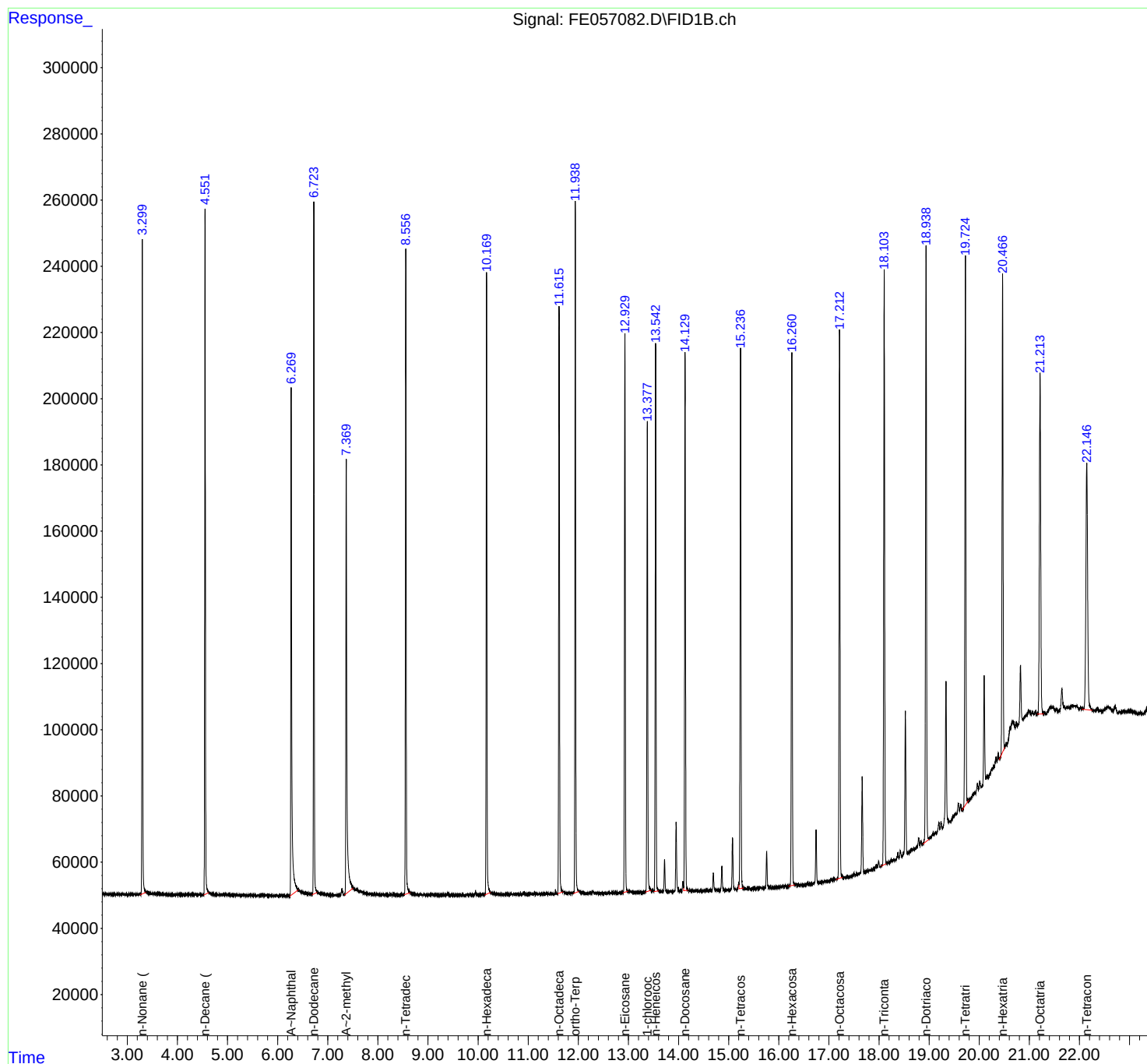
Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

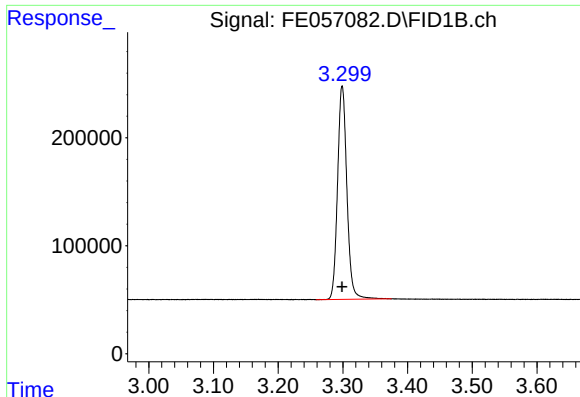
Manual Integrations
APPROVED

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





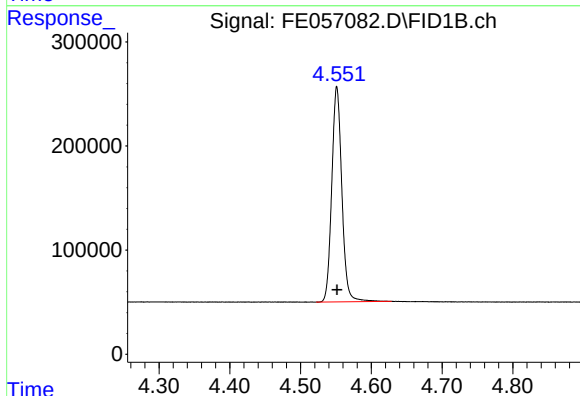
#1 n-Nonane (C9)

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

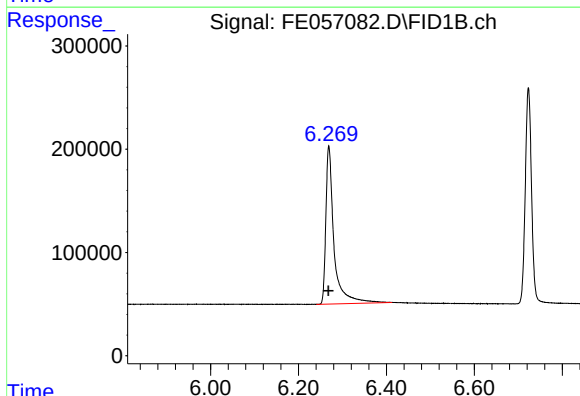
Manual Integrations
APPROVED

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



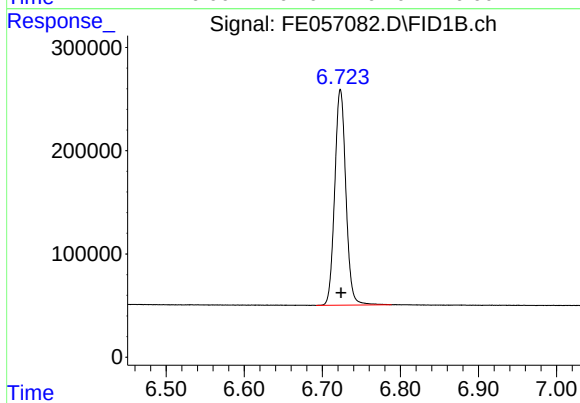
#2 n-Decane (C10)

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



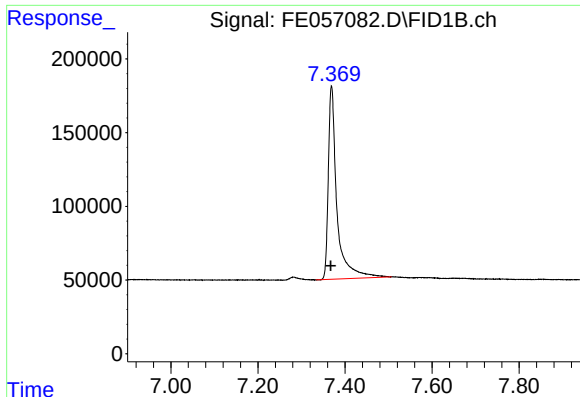
#3 A~Naphthalene (C11.7)

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



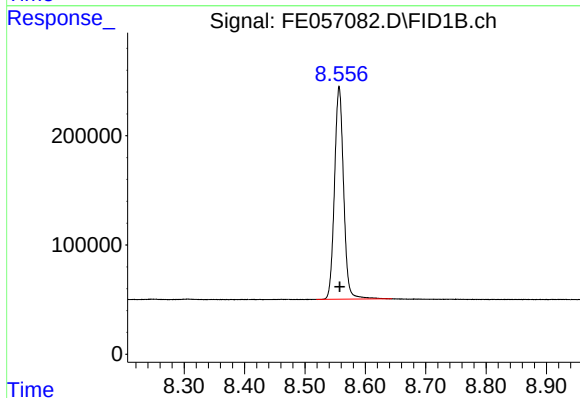
#5 A~2-methylnaphthalene (C12.89)

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

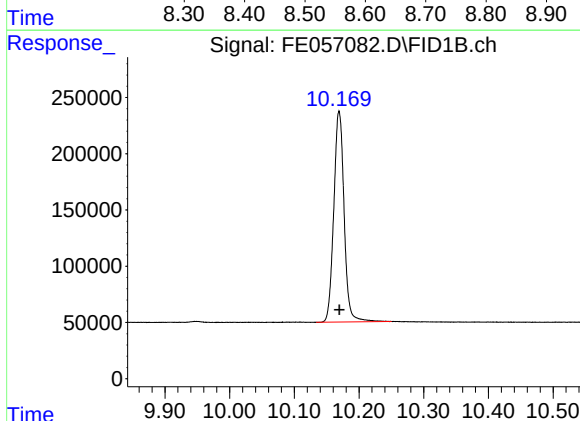
Manual Integrations
APPROVED

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



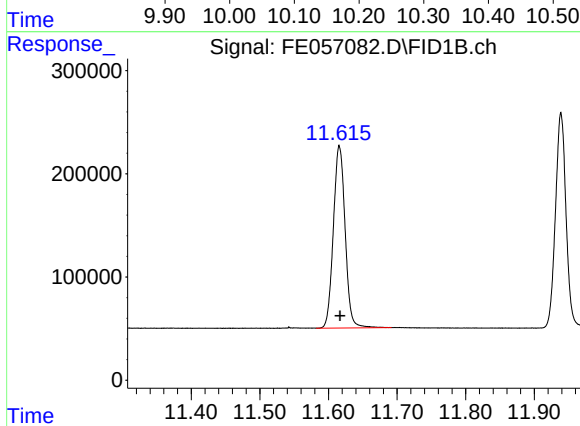
#6 n-Tetradecane (C14)

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



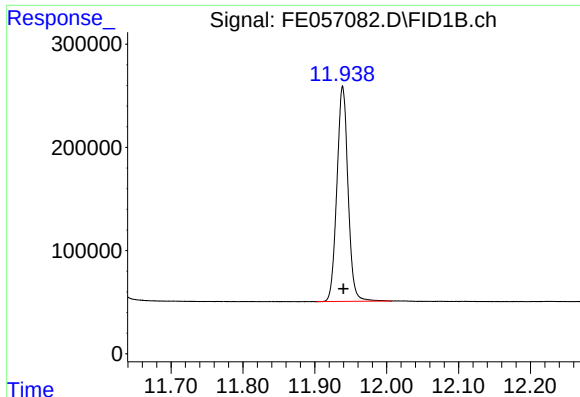
#7 n-Hexadecane (C16)

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



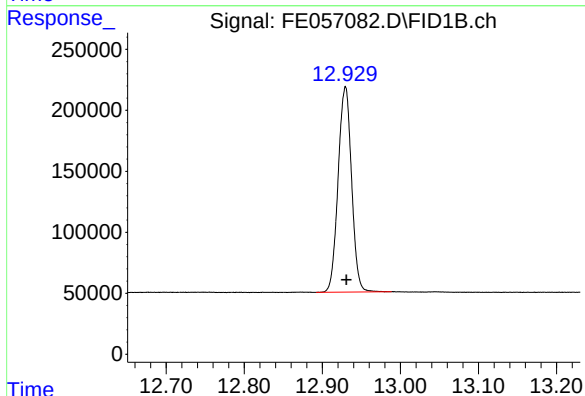
#9 ortho-Terphenyl (SURR)

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

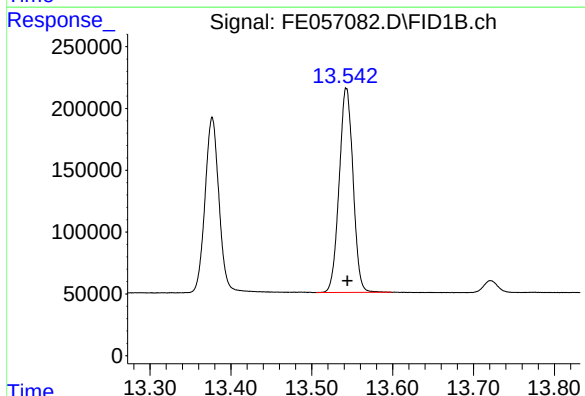
Manual Integrations
APPROVED

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



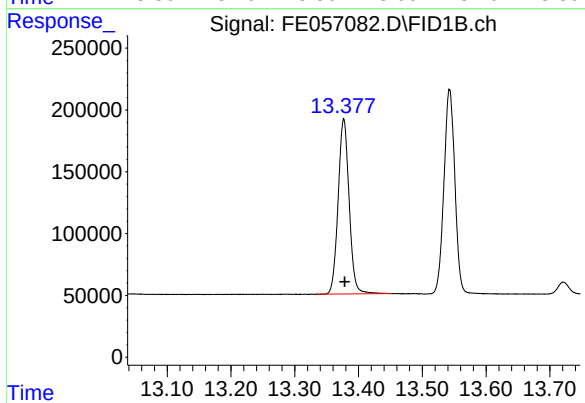
#10 n-Eicosane (C20)

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



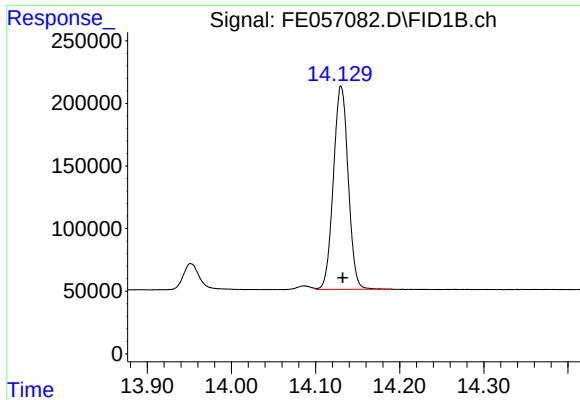
#11 n-Heneicosane (C21)

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



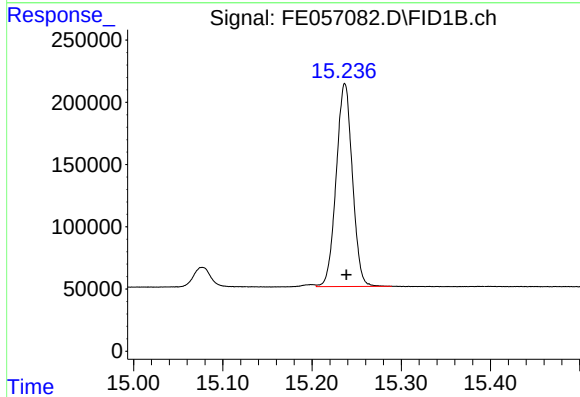
#13 n-Docosane (C22)

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

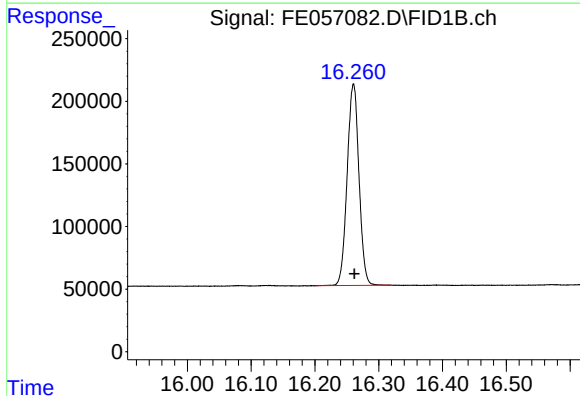
Manual Integrations
APPROVED

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



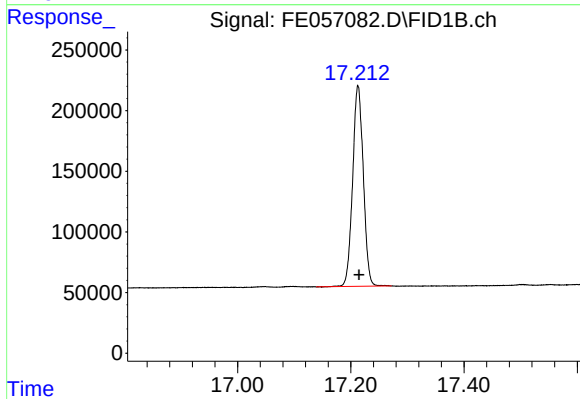
#14 n-Tetracosane (C24)

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



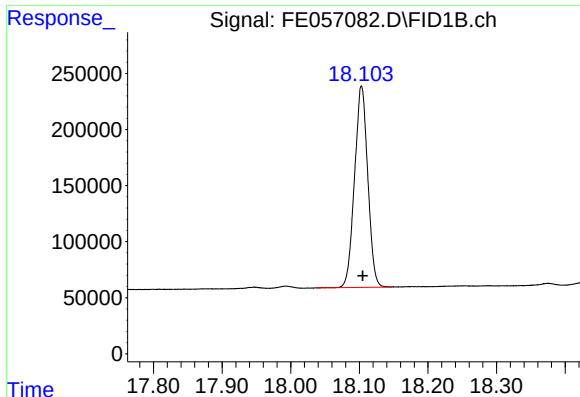
#15 n-Hexacosane (C26)

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



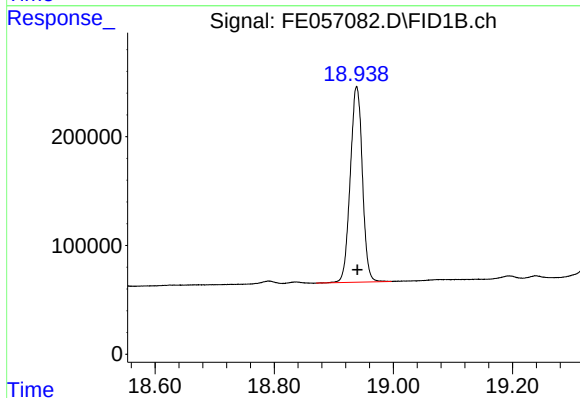
#17 n-Tricontane (C30)

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

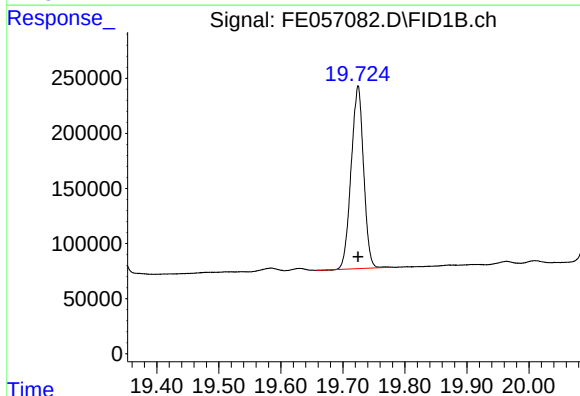
Manual Integrations
APPROVED

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



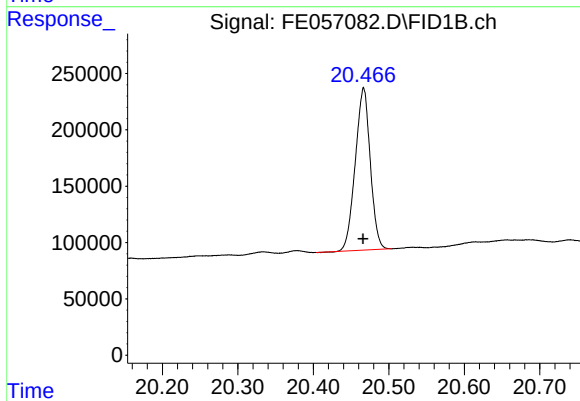
#18 n-Dotriacontane (C32)

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



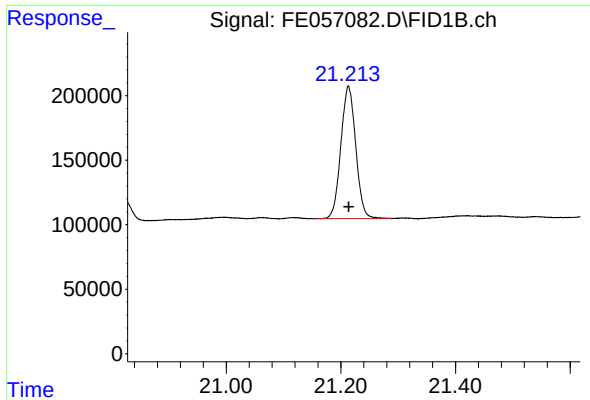
#19 n-Tetratriacontane (C34)

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



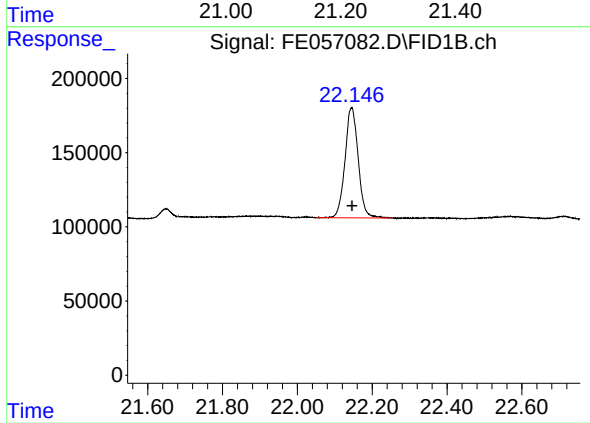
#21 n-Octatriacontane (C38)

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

rteres

Instrument :
FID_E
LabSampleId :
10 PPM ALIPHATIC HC STD4
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725
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

Manual IntegrationsAPPROVED

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

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

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

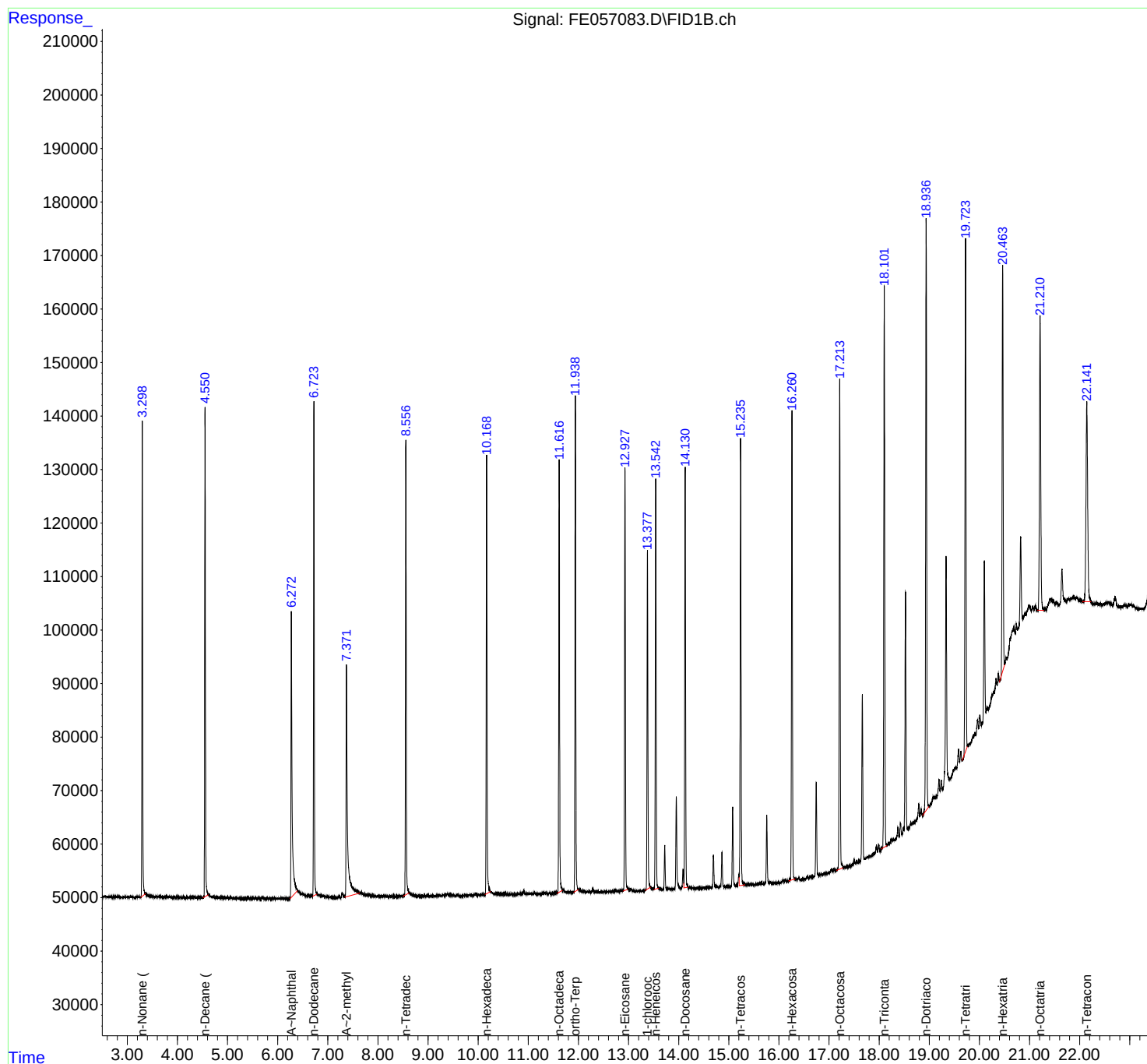
Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

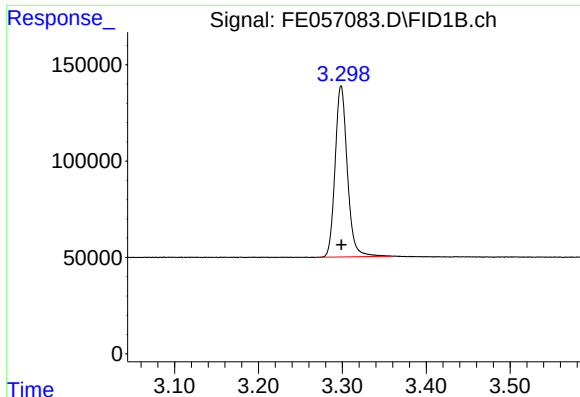
Manual Integrations
APPROVED

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





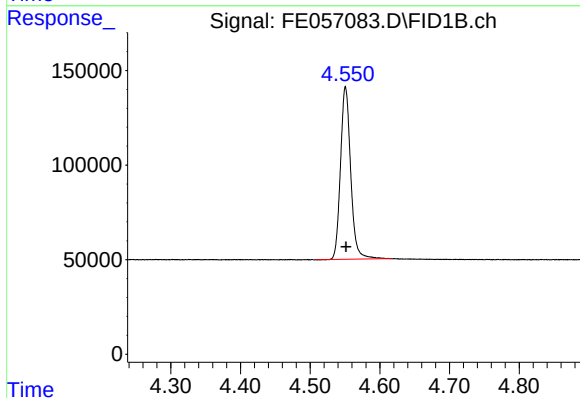
#1 n-Nonane (C9)

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

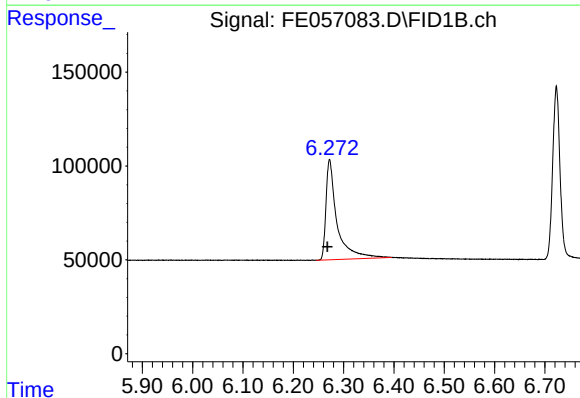
Manual Integrations
APPROVED

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



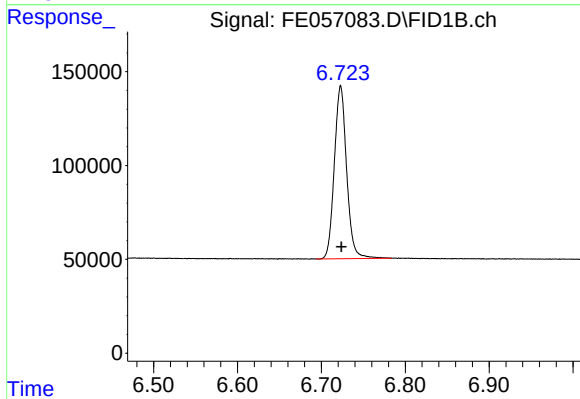
#2 n-Decane (C10)

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



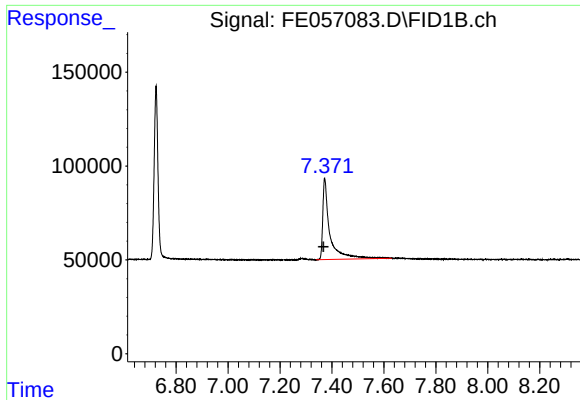
#3 A~Naphthalene (C11.7)

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



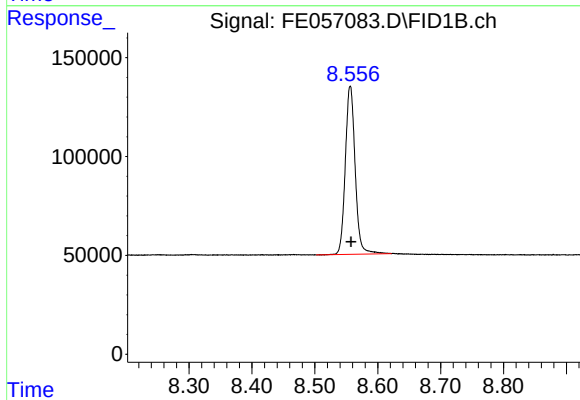
#5 A~2-methylnaphthalene (C12.89)

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

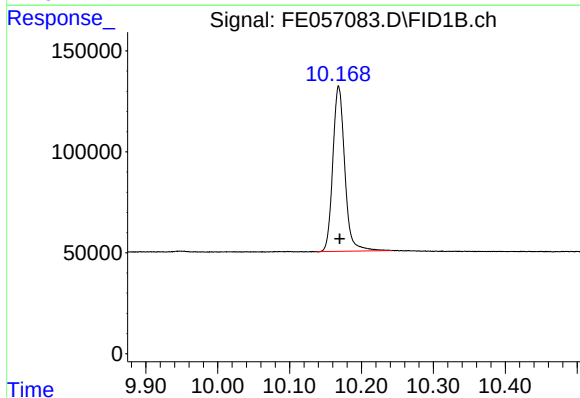
Manual Integrations
APPROVED

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



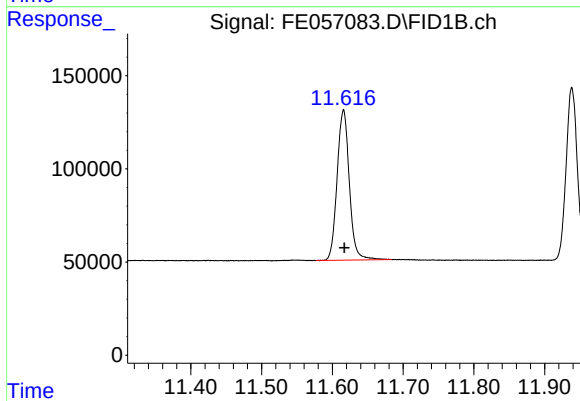
#6 n-Tetradecane (C14)

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



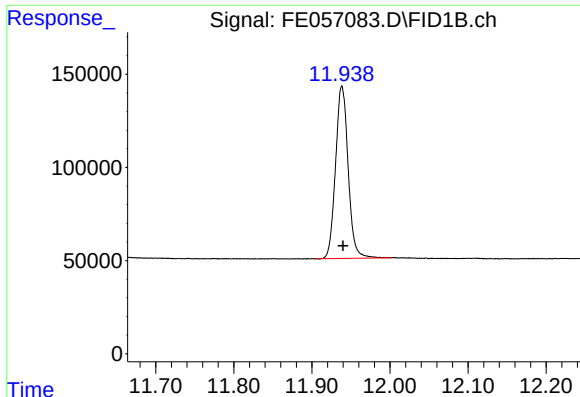
#7 n-Hexadecane (C16)

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



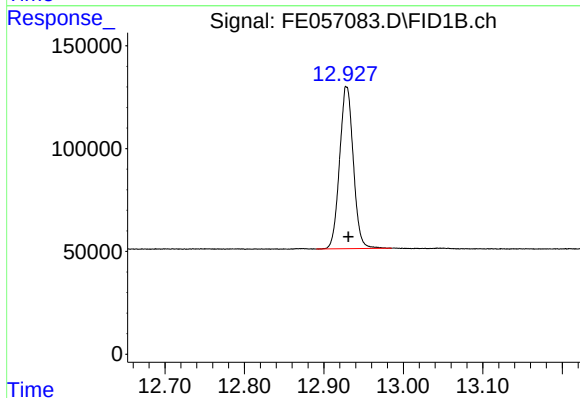
#9 ortho-Terphenyl (SURR)

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

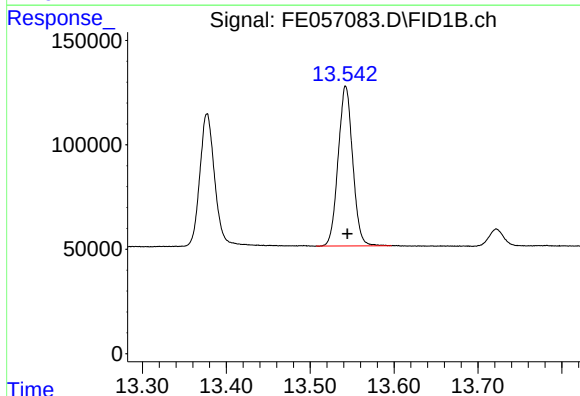
Manual Integrations
APPROVED

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



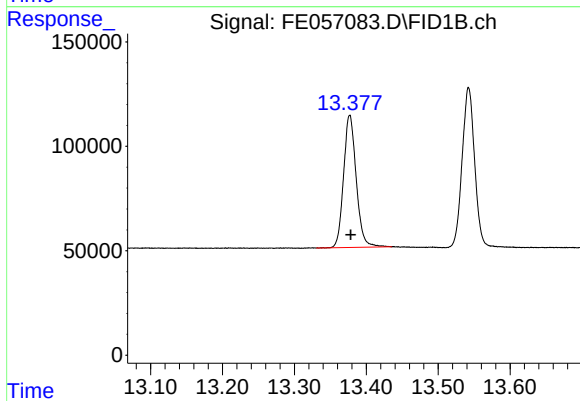
#10 n-Eicosane (C20)

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



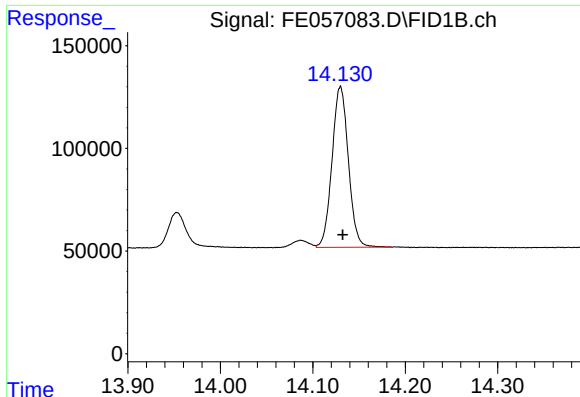
#11 n-Heneicosane (C21)

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



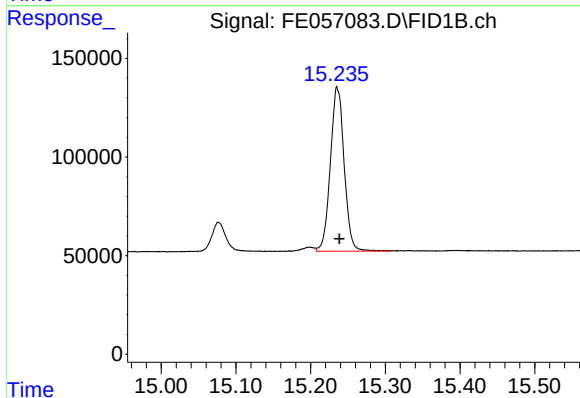
#13 n-Docosane (C22)

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

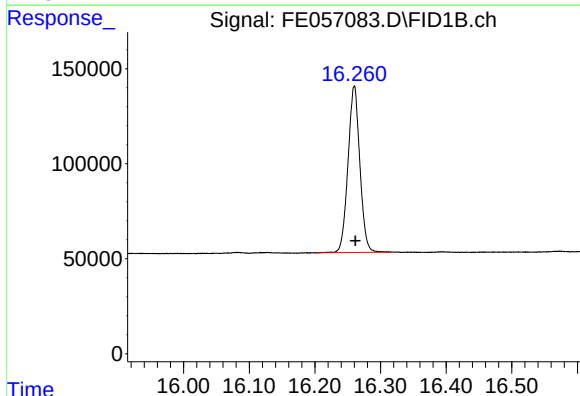
Manual Integrations
APPROVED

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



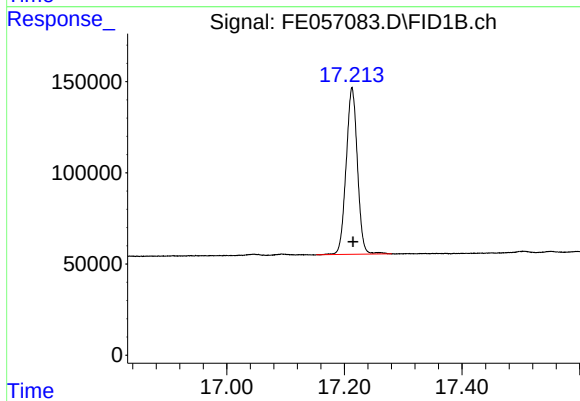
#14 n-Tetracosane (C24)

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



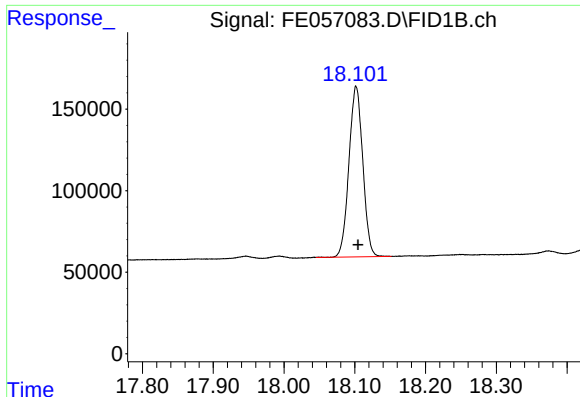
#15 n-Hexacosane (C26)

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



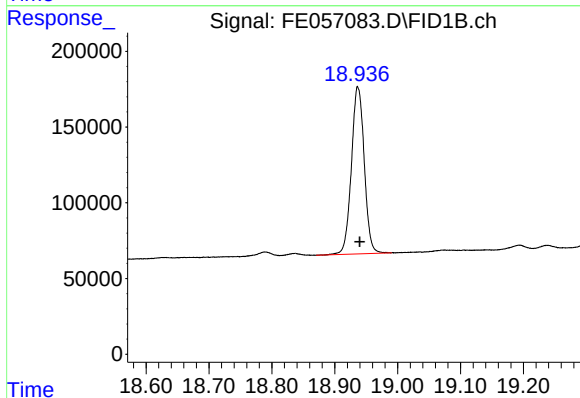
#17 n-Tricontane (C30)

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

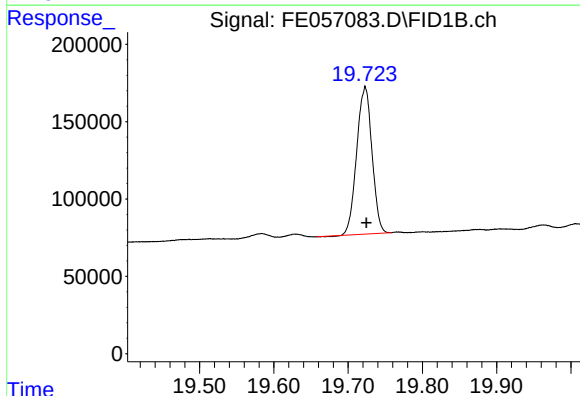
Manual Integrations
APPROVED

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



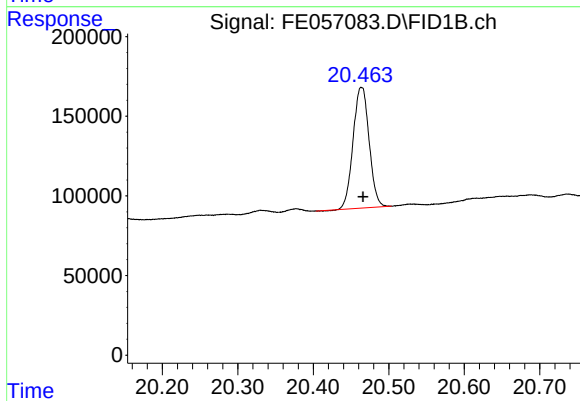
#18 n-Dotriacontane (C32)

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



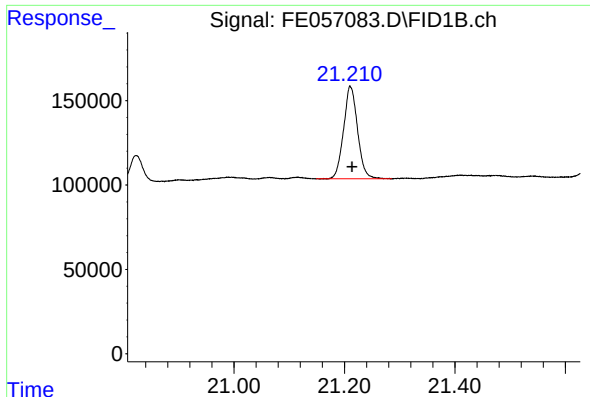
#19 n-Tetratriacontane (C34)

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



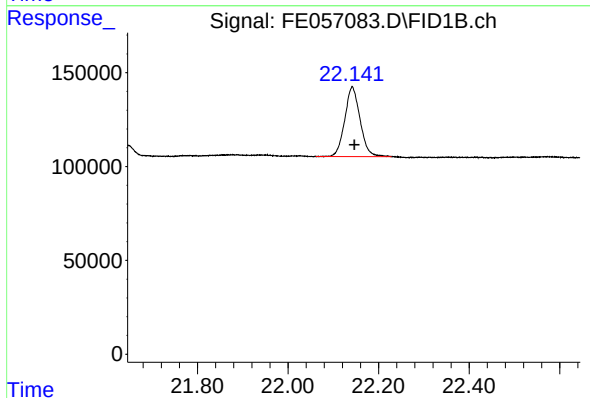
#21 n-Octatriacontane (C38)

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

rteres

Instrument :

FID_E

LabSampleId :

5 PPM ALIPHATIC HC STD5

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

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

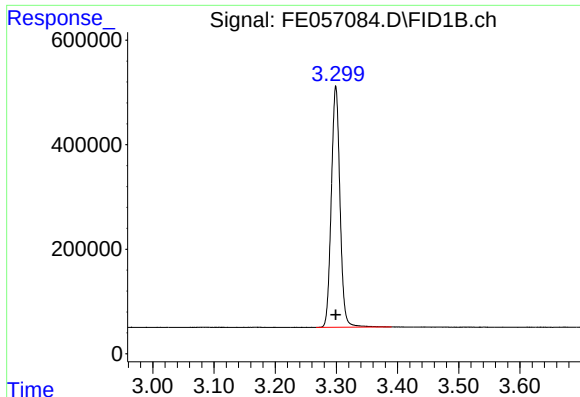
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

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.



#1 n-Nonane (C9)

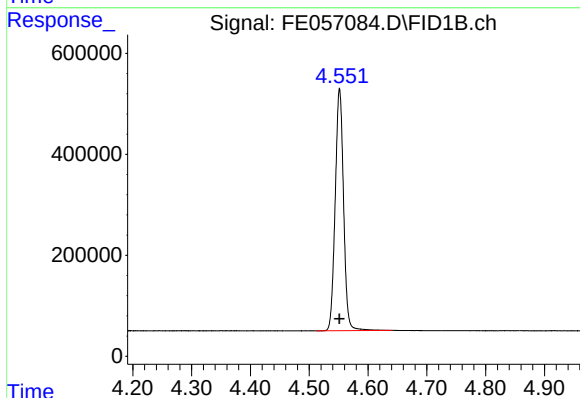
R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 4547628
Conc: 23.25 ug/ml

Instrument :

FID_E

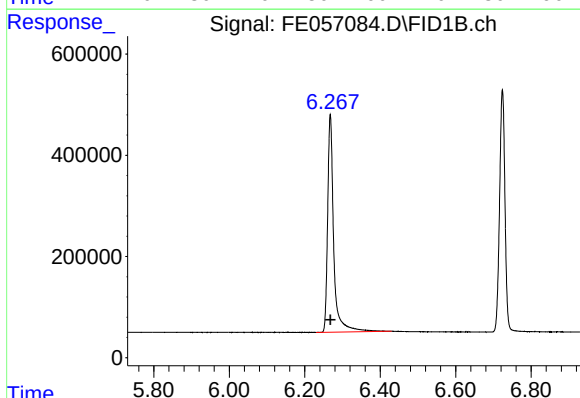
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



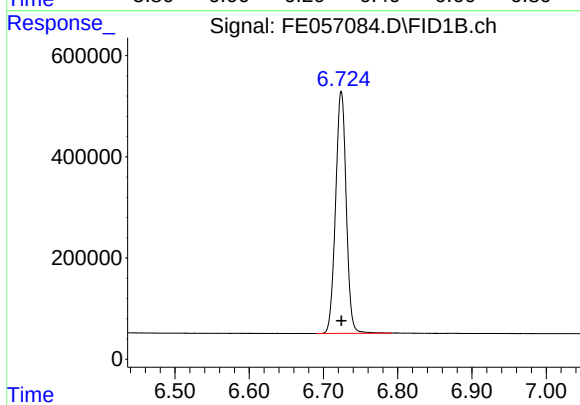
#2 n-Decane (C10)

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



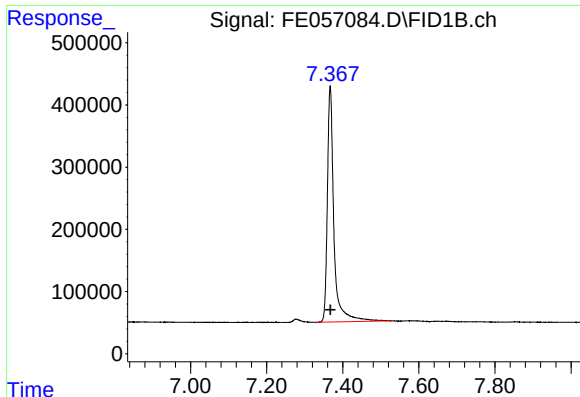
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

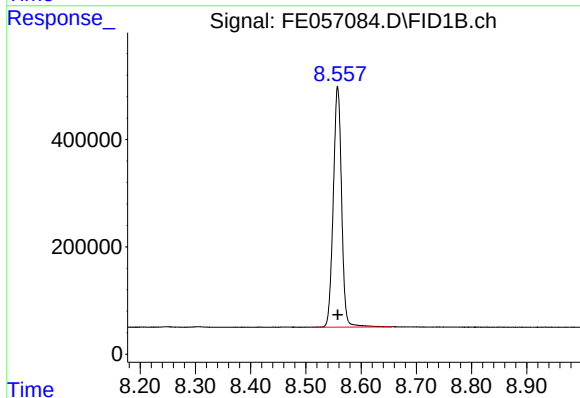
R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 4757673
Conc: 23.31 ug/ml



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

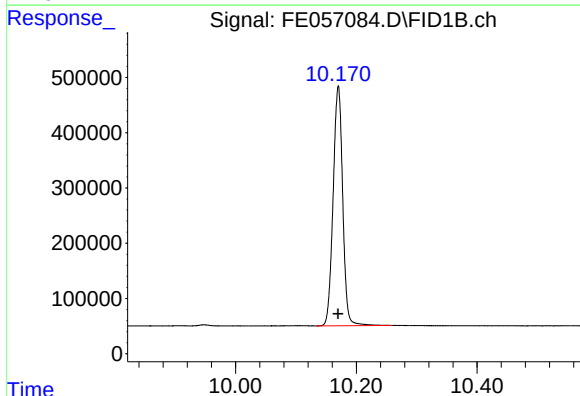
R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 4533213
Conc: 23.59 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



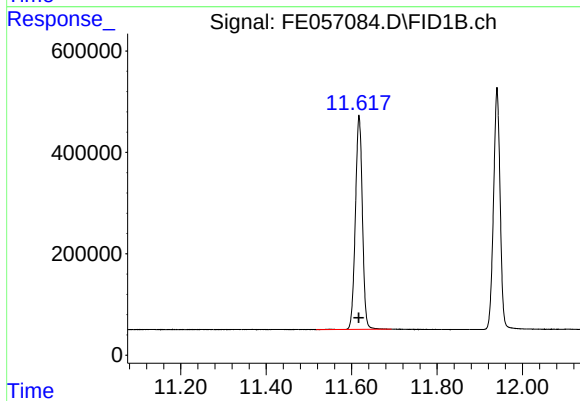
#6 n-Tetradecane (C14)

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



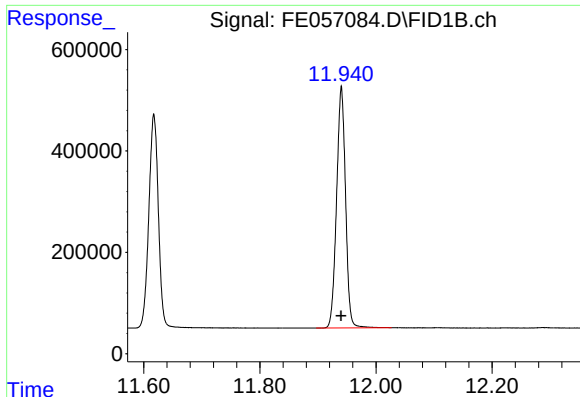
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

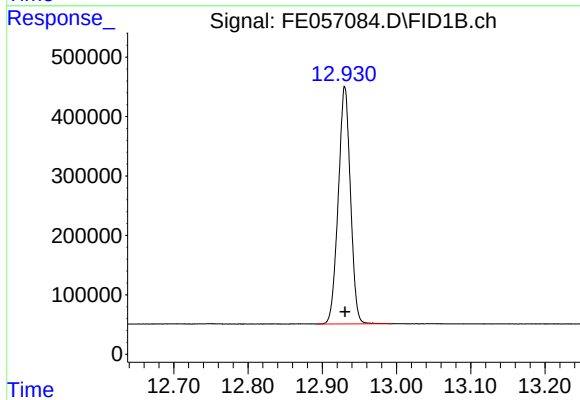
R.T.: 11.618 min
Delta R.T.: 0.000 min
Response: 4796645
Conc: 23.27 ug/ml



#9 ortho-Terphenyl (SURR)

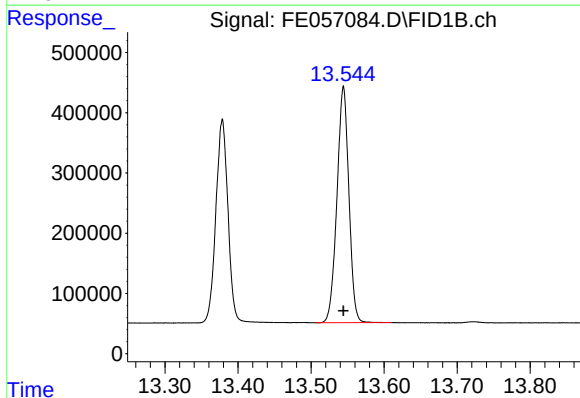
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 5099681
Conc: 23.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



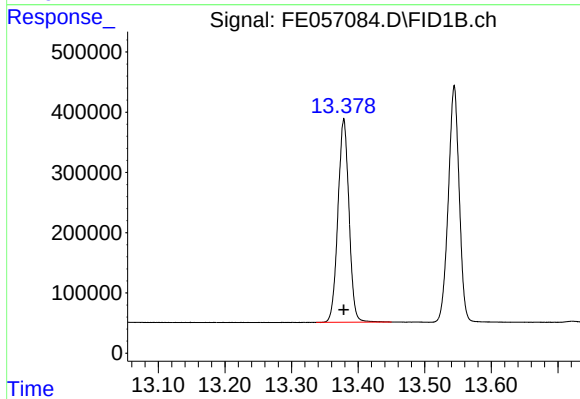
#10 n-Eicosane (C20)

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



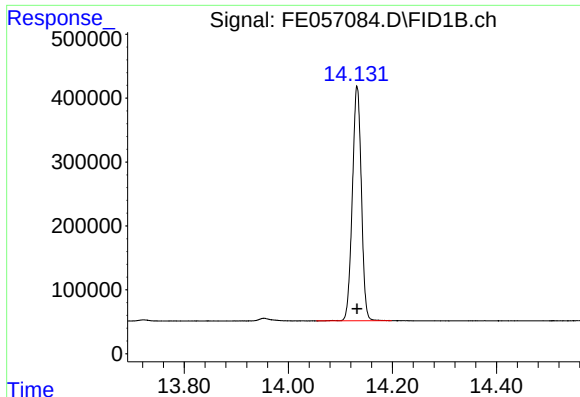
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

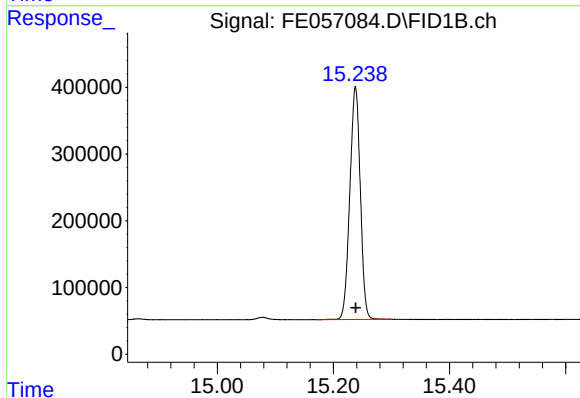
R.T.: 13.378 min
Delta R.T.: 0.000 min
Response: 3884091
Conc: 23.34 ug/ml



#13 n-Docosane (C22)

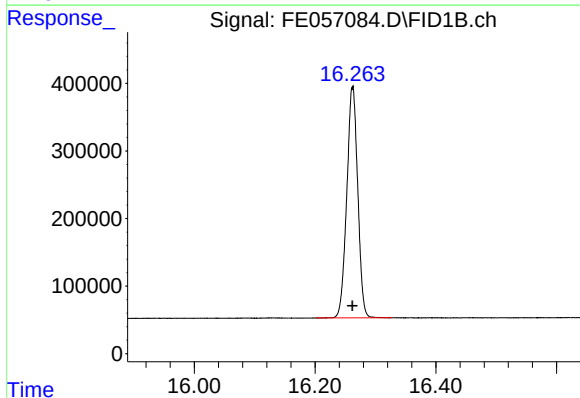
R.T.: 14.132 min
Delta R.T.: 0.000 min
Response: 4409790
Conc: 22.84 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



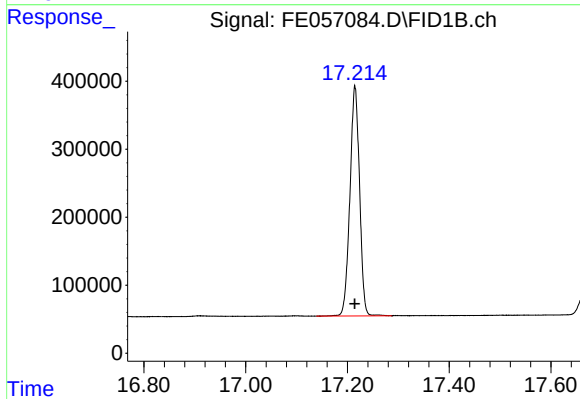
#14 n-Tetracosane (C24)

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



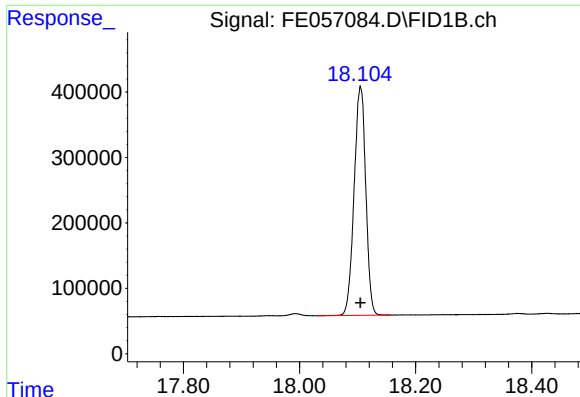
#15 n-Hexacosane (C26)

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)

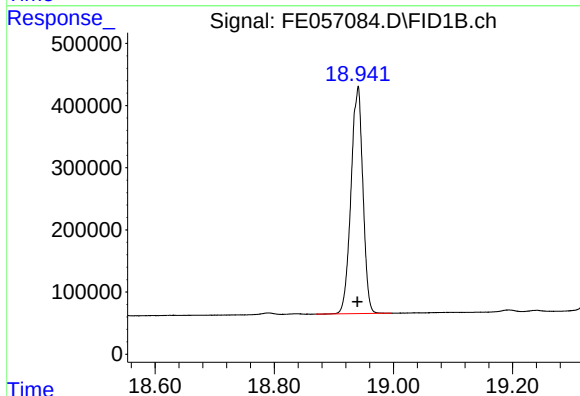
R.T.: 18.105 min
Delta R.T.: 0.000 min
Response: 4863172
Conc: 21.67 ug/ml

Instrument :

FID_E

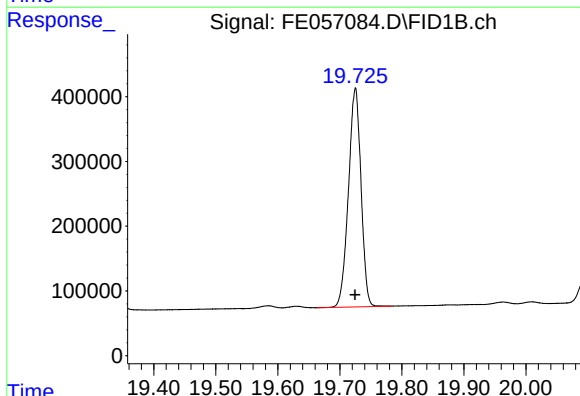
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



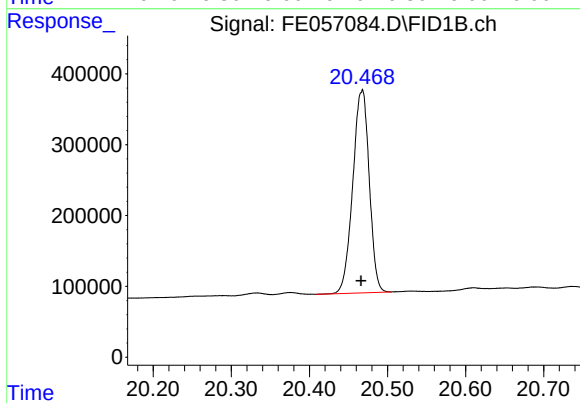
#18 n-Dotriacontane (C32)

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



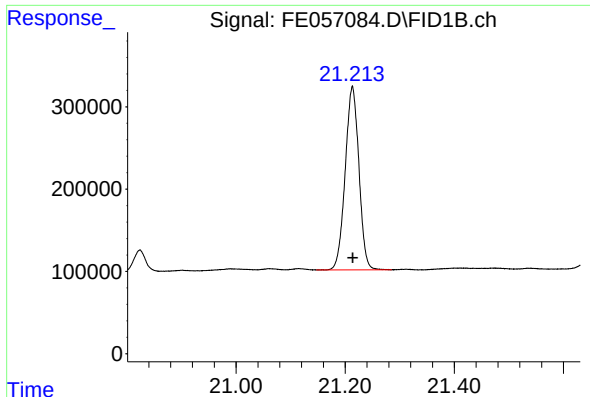
#19 n-Tetratriacontane (C34)

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)

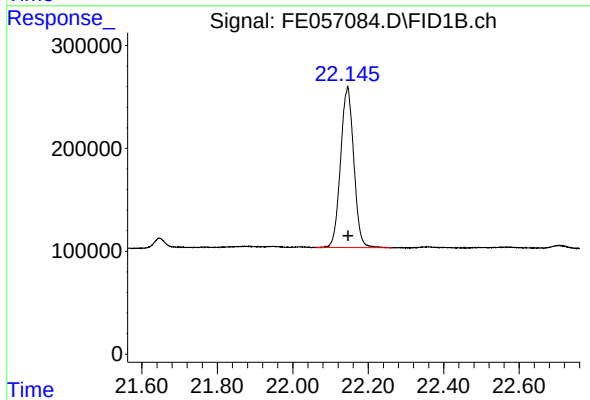
R.T.: 21.213 min
Delta R.T.: 0.000 min
Response: 3882468
Conc: 22.40 ug/ml

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

Continuing Calibration Report for SequenceID : FE120425AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FE057158.D

Aliphatic C9-C12	13131203.000	60.000	3.194	6.819	218853.383	200655.681	-9.069
Aliphatic C12-C16	8783257.000	40.000	6.820	10.265	219581.425	203177.346	-8.074
Aliphatic C16-C21	12769443.000	60.000	10.266	13.639	212824.050	198315.768	-7.316
Aliphatic C21-C28	15985657.000	80.000	13.640	17.309	199820.713	198747.045	-0.540
Aliphatic C28-C40	22008342.000	120.000	17.310	22.235	183402.850	199899.890	8.253
Aliphatic EPH	72677902.000	360.000	3.194	22.235	201883.061	199869.809	-1.007

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	04 Dec 2025 13:04
Client Sample ID:		Operator:	YP\AJ
Data file:	FE057158.D	Misc:	
Instrument:	FID_E	ALS Vial:	4
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.194	6.819	13131203.000	60.000	ug/ml
Aliphatic C12-C16	6.820	10.265	8783257.000	40.000	ug/ml
Aliphatic C16-C21	10.266	13.639	12769443.000	60.000	ug/ml
Aliphatic C21-C28	13.640	17.309	15985657.000	80.000	ug/ml
Aliphatic C28-C40	17.310	22.235	22008342.000	120.000	ug/ml
Aliphatic EPH	3.194	22.235	72677902.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057158.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2025 13:04
 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 04 13:57:21 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)	11.935	4737709	21.590 ug/ml
Spiked Amount 50.000		Recovery =	43.18%
12) S 1-chlorooctadecane (S...	13.373	3566195	21.428 ug/ml
Spiked Amount 50.000		Recovery =	42.86%
Target Compounds			
1) T n-Nonane (C9)	3.294	4281660	21.889 ug/ml
2) T n-Decane (C10)	4.547	4402972	21.769 ug/ml
3) T A~Naphthalene (C11.7)	6.264	4402768	21.868 ug/ml
4) T n-Dodecane (C12)	6.719	4446571	21.787 ug/ml
5) T A~2-methylnaphthalene...	7.364	4115303	21.417 ug/ml
6) T n-Tetradecane (C14)	8.553	4366752	21.695 ug/ml
7) T n-Hexadecane (C16)	10.165	4416505	21.536 ug/ml
8) T n-Octadecane (C18)	11.613	4437130	21.528 ug/ml
10) T n-Eicosane (C20)	12.925	4210865	21.406 ug/ml
11) T n-Heneicosane (C21)	13.539	4121448	21.452 ug/ml
13) T n-Docosane (C22)	14.127	4060933	21.037 ug/ml
14) T n-Tetracosane (C24)	15.233	4016820	20.281 ug/ml
15) T n-Hexacosane (C26)	16.256	3969015	20.006 ug/ml
16) T n-Octacosane (C28)	17.209	3938889	19.167 ug/ml
17) T n-Tricontane (C30)	18.098	4071334	18.141 ug/ml
18) T n-Dotriacontane (C32)	18.932	4020994	17.225 ug/ml
19) T n-Tetratriacontane (C34)	19.717	3809120	17.834 ug/ml
20) T n-Hexatriacontane (C36)	20.460	3433743	18.448 ug/ml
21) T n-Octatriacontane (C38)	21.206	3351976	19.341 ug/ml
22) T n-Tetracontane (C40)	22.135	3321175	19.709 ug/ml

(f)=RT Delta > 1/2 Window

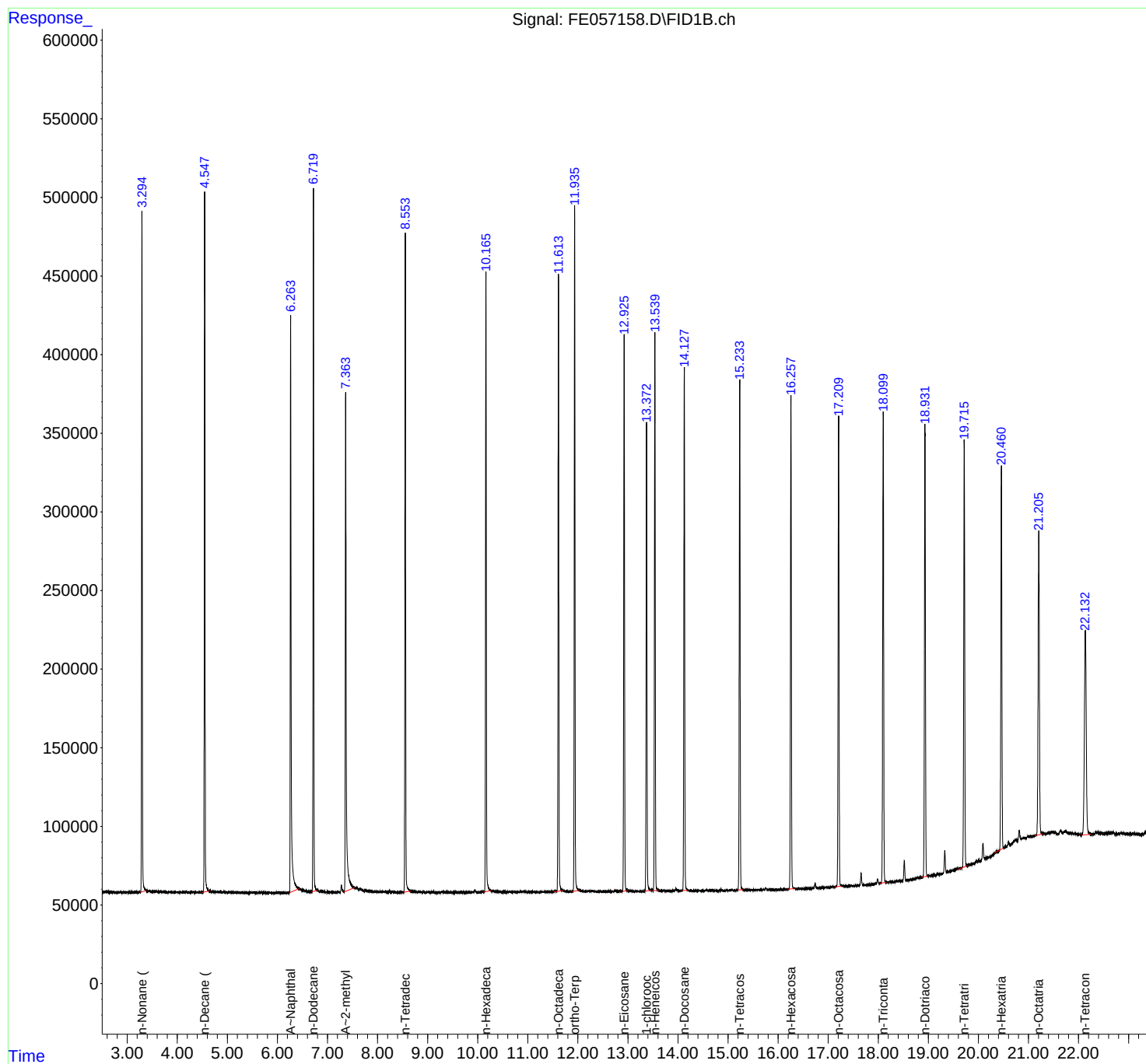
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
Data File : FE057158.D
Signal(s) : FID1B.ch
Acq On : 04 Dec 2025 13:04
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 04 13:57:21 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\FE120425AL\
 Data File : FE057158.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2025 13:04
 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	3.294	3.263	3.383	BB	431998	4281660	90.37%	4.784%
2	4.547	4.500	4.640	BB	445023	4402972	92.93%	4.920%
3	6.264	6.232	6.427	BB	366774	4402768	92.93%	4.919%
4	6.719	6.678	6.803	BB	449178	4446571	93.85%	4.968%
5	7.364	7.332	7.533	BB	317125	4115303	86.86%	4.598%
6	8.553	8.520	8.663	BB	419549	4366752	92.17%	4.879%
7	10.165	10.122	10.263	BB	395332	4416505	93.22%	4.935%
8	11.613	11.520	11.700	BB	394852	4437130	93.66%	4.958%
9	11.935	11.892	12.022	BB	435966	4737709	100.00%	5.294%
10	12.925	12.885	12.997	BB	353834	4210865	88.88%	4.705%
11	13.373	13.333	13.458	BB	295434	3566195	75.27%	3.985%
12	13.539	13.502	13.607	BB	353009	4121448	86.99%	4.605%
13	14.127	14.090	14.198	BB	331573	4060933	85.72%	4.537%
14	15.233	15.193	15.300	BB	325856	4016820	84.78%	4.488%
15	16.256	16.188	16.330	BB	315022	3969015	83.77%	4.435%
16	17.209	17.125	17.273	BB	298290	3938889	83.14%	4.401%
17	18.098	18.035	18.163	BB	296702	4071334	85.93%	4.549%
18	18.932	18.870	18.993	BB	285318	4020994	84.87%	4.493%
19	19.717	19.603	19.777	BB	269933	3809120	80.40%	4.256%
20	20.460	20.320	20.507	BB	244503	3433743	72.48%	3.837%
21	21.206	21.132	21.285	BB	193170	3351976	70.75%	3.745%
22	22.135	22.050	22.245	BB	128882	3321175	70.10%	3.711%
Sum of corrected areas:							89499877	

Aliphatic EPH 112725.M Thu Dec 04 13:59:41 2025

Continuing Calibration Report for SequenceID : FE120425AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FE057171.D

Aliphatic C9-C12	12890824.000	60.000	3.194	6.819	214847.067	200655.681	-7.073
Aliphatic C12-C16	8655794.000	40.000	6.820	10.265	216394.850	203177.346	-6.505
Aliphatic C16-C21	12639459.000	60.000	10.266	13.639	210657.650	198315.768	-6.223
Aliphatic C21-C28	15912676.000	80.000	13.640	17.309	198908.450	198747.045	-0.081
Aliphatic C28-C40	22627036.000	120.000	17.310	22.235	188558.633	199899.890	5.673
Aliphatic EPH	72725789.000	360.000	3.194	22.235	202016.081	199869.809	-1.074

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	04 Dec 2025 20:10
Client Sample ID:		Operator:	YPAJ
Data file:	FE057171.D	Misc:	
Instrument:	FID_E	ALS Vial:	4
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.194	6.819	12890824.000	60.000	ug/ml
Aliphatic C12-C16	6.820	10.265	8655794.000	40.000	ug/ml
Aliphatic C16-C21	10.266	13.639	12639459.000	60.000	ug/ml
Aliphatic C21-C28	13.640	17.309	15912676.000	80.000	ug/ml
Aliphatic C28-C40	17.310	22.235	22627036.000	120.000	ug/ml
Aliphatic EPH	3.194	22.235	72725789.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057171.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2025 20:10
 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 05 00:26:34 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)	11.934	4683526	21.343 ug/ml
Spiked Amount 50.000		Recovery =	42.69%
12) S 1-chlorooctadecane (S...	13.372	3556187	21.368 ug/ml
Spiked Amount 50.000		Recovery =	42.74%
Target Compounds			
1) T n-Nonane (C9)	3.294	4204165	21.492 ug/ml
2) T n-Decane (C10)	4.546	4321985	21.369 ug/ml
3) T A~Naphthalene (C11.7)	6.263	4351024	21.611 ug/ml
4) T n-Dodecane (C12)	6.718	4364674	21.385 ug/ml
5) T A~2-methylnaphthalene...	7.363	4087456	21.272 ug/ml
6) T n-Tetradecane (C14)	8.552	4292318	21.325 ug/ml
7) T n-Hexadecane (C16)	10.164	4363476	21.277 ug/ml
8) T n-Octadecane (C18)	11.611	4384945	21.274 ug/ml
10) T n-Eicosane (C20)	12.924	4173791	21.218 ug/ml
11) T n-Heneicosane (C21)	13.537	4080723	21.240 ug/ml
13) T n-Docosane (C22)	14.125	4037311	20.914 ug/ml
14) T n-Tetracosane (C24)	15.230	3988659	20.139 ug/ml
15) T n-Hexacosane (C26)	16.255	3938797	19.854 ug/ml
16) T n-Octacosane (C28)	17.207	3947909	19.211 ug/ml
17) T n-Tricontane (C30)	18.096	4159664	18.535 ug/ml
18) T n-Dotriacontane (C32)	18.930	4206365	18.019 ug/ml
19) T n-Tetratriacontane (C34)	19.716	3986586	18.665 ug/ml
20) T n-Hexatriacontane (C36)	20.457	3586666	19.270 ug/ml
21) T n-Octatriacontane (C38)	21.202	3359675	19.386 ug/ml
22) T n-Tetracontane (C40)	22.131	3328080	19.750 ug/ml

(f)=RT Delta > 1/2 Window

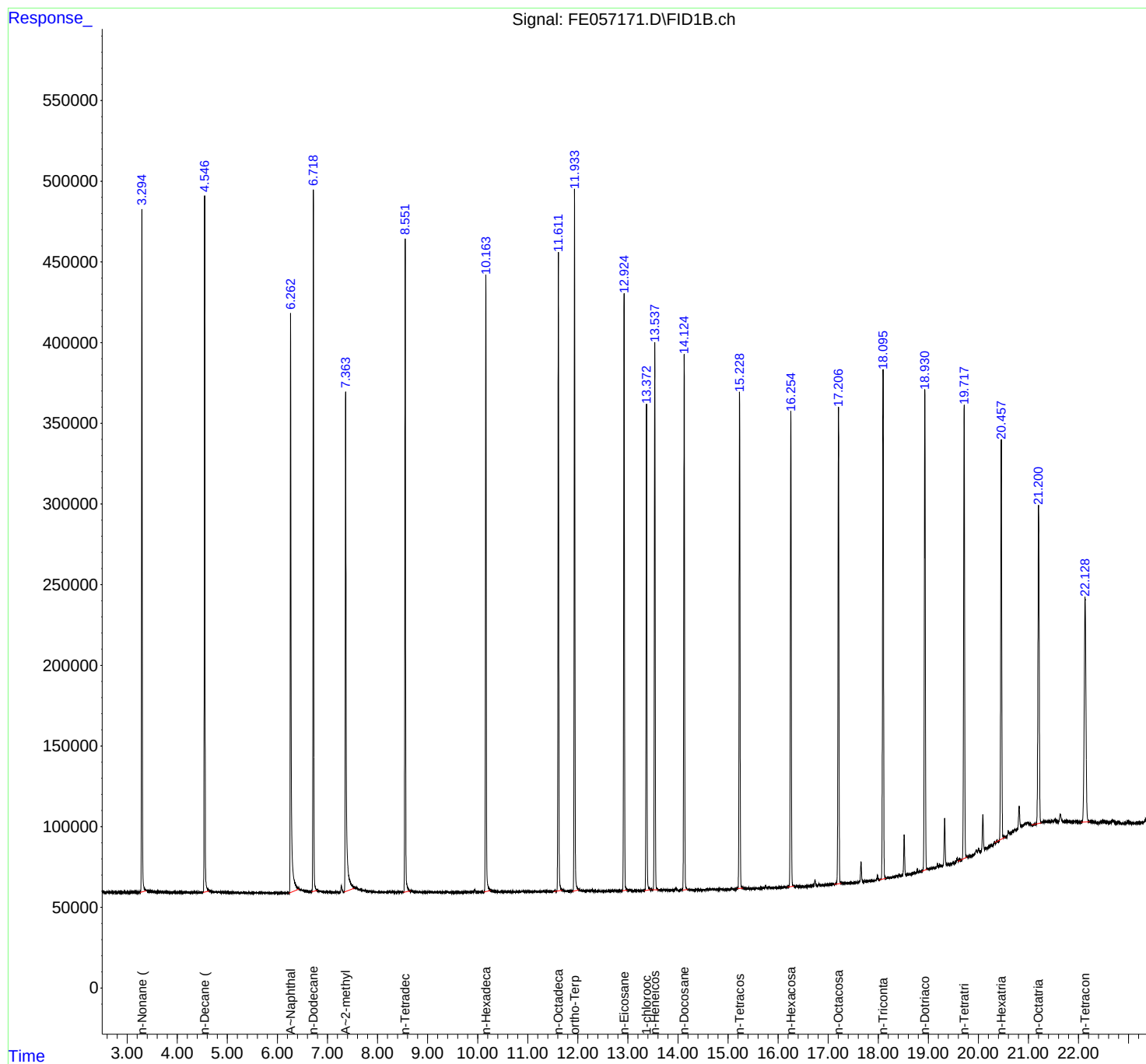
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
Data File : FE057171.D
Signal(s) : FID1B.ch
Acq On : 04 Dec 2025 20:10
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 05 00:26:34 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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057171.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2025 20:10
 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	3.294	3.262	3.384	BB	422536	4204165	89.76%	4.702%
2	4.546	4.512	4.640	BB	431960	4321985	92.28%	4.834%
3	6.263	6.235	6.434	BB	352985	4351024	92.90%	4.867%
4	6.718	6.685	6.800	BB	434808	4364674	93.19%	4.882%
5	7.363	7.330	7.540	BB	310692	4087456	87.27%	4.572%
6	8.552	8.515	8.654	BB	403997	4292318	91.65%	4.801%
7	10.164	10.124	10.259	BB	381402	4363476	93.17%	4.881%
8	11.611	11.517	11.690	BB	394325	4384945	93.62%	4.905%
9	11.934	11.892	12.020	BB	433875	4683526	100.00%	5.239%
10	12.924	12.887	12.992	BB	368672	4173791	89.12%	4.668%
11	13.372	13.327	13.454	BB	300769	3556187	75.93%	3.978%
12	13.537	13.480	13.607	BB	339491	4080723	87.13%	4.564%
13	14.125	14.089	14.197	BB	331344	4037311	86.20%	4.516%
14	15.230	15.189	15.300	BB	302633	3988659	85.16%	4.461%
15	16.255	16.189	16.319	BB	294866	3938797	84.10%	4.406%
16	17.207	17.125	17.264	BB	293086	3947909	84.29%	4.416%
17	18.096	18.019	18.154	BB	316047	4159664	88.81%	4.653%
18	18.930	18.870	18.975	BB	297125	4206365	89.81%	4.705%
19	19.716	19.597	19.774	VB	280873	3986586	85.12%	4.459%
20	20.457	20.320	20.534	BB	246614	3586666	76.58%	4.012%
21	21.202	21.065	21.254	BB	194499	3359675	71.73%	3.758%
22	22.131	22.050	22.222	BB	137634	3328080	71.06%	3.723%
Sum of corrected areas:							89403983	

Aliphatic EPH 112725.M Fri Dec 05 07:21:11 2025

Continuing Calibration Report for SequenceID :

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID :

--	--	--	--	--	--	--	--

Lab Sample ID:

Acq On:

Client Sample ID:

Operator:

Data file:

Misc:

Instrument:

ALS Vial:

Dilution Factor:

Sample Multiplier:

Compound	R.T.	Response	Conc	Units
				ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057187.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 11:23
 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 05 12:07:29 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)	11.932	5191885	23.659 ug/ml
Spiked Amount 50.000		Recovery =	47.32%
12) S 1-chlorooctadecane (S...	13.369	3930268	23.616 ug/ml
Spiked Amount 50.000		Recovery =	47.23%
Target Compounds			
1) T n-Nonane (C9)	3.293	4684185	23.946 ug/ml
2) T n-Decane (C10)	4.545	4791659	23.691 ug/ml
3) T A~Naphthalene (C11.7)	6.262	4866180	24.170 ug/ml
4) T n-Dodecane (C12)	6.717	4847332	23.750 ug/ml
5) T A~2-methylnaphthalene...	7.361	4548889	23.673 ug/ml
6) T n-Tetradecane (C14)	8.550	4772867	23.713 ug/ml
7) T n-Hexadecane (C16)	10.162	4850076	23.650 ug/ml
8) T n-Octadecane (C18)	11.609	4870054	23.628 ug/ml
10) T n-Eicosane (C20)	12.921	4621731	23.495 ug/ml
11) T n-Heneicosane (C21)	13.536	4509793	23.473 ug/ml
13) T n-Docosane (C22)	14.122	4460786	23.108 ug/ml
14) T n-Tetracosane (C24)	15.228	4398724	22.209 ug/ml
15) T n-Hexacosane (C26)	16.251	4330622	21.829 ug/ml
16) T n-Octacosane (C28)	17.203	4312698	20.986 ug/ml
17) T n-Tricontane (C30)	18.093	4435418	19.763 ug/ml
18) T n-Dotriacontane (C32)	18.928	4341138	18.597 ug/ml
19) T n-Tetratriacontane (C34)	19.712	4088583	19.143 ug/ml
20) T n-Hexatriacontane (C36)	20.454	3663081	19.680 ug/ml
21) T n-Octatriacontane (C38)	21.198	3594257	20.739 ug/ml
22) T n-Tetracontane (C40)	22.127	3542958	21.025 ug/ml

(f)=RT Delta > 1/2 Window

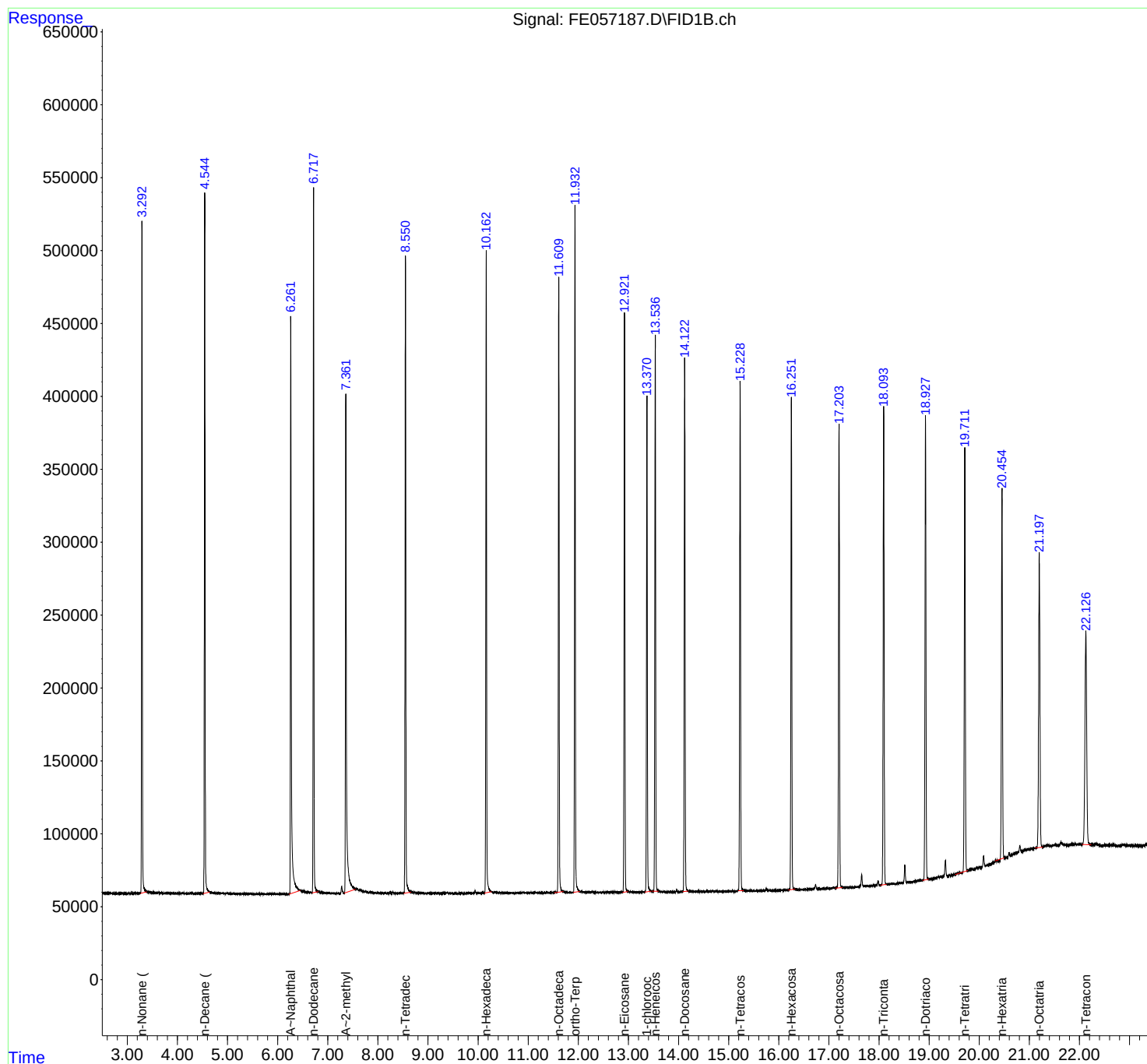
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
Data File : FE057187.D
Signal(s) : FID1B.ch
Acq On : 05 Dec 2025 11:23
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 05 12:07:29 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\FE120425AL\
Data File : FE057187.D
Signal(s) : FID1B.ch
Acq On : 05 Dec 2025 11:23
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	3.293	3.260	3.389	BB	460524	4684185	90.22%	4.797%
2	4.545	4.509	4.645	BB	478652	4791659	92.29%	4.907%
3	6.262	6.230	6.449	BB	392912	4866180	93.73%	4.983%
4	6.717	6.685	6.809	BB	483778	4847332	93.36%	4.964%
5	7.361	7.329	7.555	BB	343416	4548889	87.62%	4.658%
6	8.550	8.515	8.667	BB	437122	4772867	91.93%	4.888%
7	10.162	10.124	10.270	BB	440600	4850076	93.42%	4.967%
8	11.609	11.517	11.699	BB	421159	4870054	93.80%	4.987%
9	11.932	11.895	12.034	BB	470401	5191885	100.00%	5.317%
10	12.921	12.880	12.992	BB	395900	4621731	89.02%	4.733%
11	13.369	13.322	13.454	BB	337111	3930268	75.70%	4.025%
12	13.536	13.470	13.600	BB	378906	4509793	86.86%	4.618%
13	14.122	14.085	14.194	BB	364653	4460786	85.92%	4.568%
14	15.228	15.190	15.302	BB	348128	4398724	84.72%	4.504%
15	16.251	16.189	16.320	BB	336154	4330622	83.41%	4.435%
16	17.203	17.125	17.269	BB	315763	4312698	83.07%	4.416%
17	18.093	18.030	18.152	BB	328523	4435418	85.43%	4.542%
18	18.928	18.870	18.994	BB	317804	4341138	83.61%	4.445%
19	19.712	19.519	19.765	BB	290118	4088583	78.75%	4.187%
20	20.454	20.320	20.499	BB	252843	3663081	70.55%	3.751%
21	21.198	21.119	21.270	BB	199032	3594257	69.23%	3.681%
22	22.127	22.050	22.235	BB	146388	3542958	68.24%	3.628%
Sum of corrected areas:							97653182	

Aliphatic EPH 112725.M Fri Dec 05 12:10:57 2025

Continuing Calibration Report for SequenceID : FE120925AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FE057237.D

Aliphatic C9-C12	12168824.000	60.000	3.193	6.818	202813.733	200655.681	-1.076
Aliphatic C12-C16	8211934.000	40.000	6.819	10.263	205298.350	203177.346	-1.044
Aliphatic C16-C21	11917174.000	60.000	10.264	13.636	198619.567	198315.768	-0.153
Aliphatic C21-C28	14932998.000	80.000	13.637	17.304	186662.475	198747.045	6.080
Aliphatic C28-C40	21337781.000	120.000	17.305	22.230	177814.842	199899.890	11.048
Aliphatic EPH	68568711.000	360.000	3.193	22.230	190468.642	199869.809	4.704

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	09 Dec 2025 09:23
Client Sample ID:		Operator:	YP\AJ
Data file:	FE057237.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.193	6.818	12168824.000	60.000	ug/ml
Aliphatic C12-C16	6.819	10.263	8211934.000	40.000	ug/ml
Aliphatic C16-C21	10.264	13.636	11917174.000	60.000	ug/ml
Aliphatic C21-C28	13.637	17.304	14932998.000	80.000	ug/ml
Aliphatic C28-C40	17.305	22.230	21337781.000	120.000	ug/ml
Aliphatic EPH	3.193	22.230	68568711.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
 Data File : FE057237.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2025 09:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 10 00:14:37 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)	11.933	4402909	20.064 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
12) S 1-chlorooctadecane (S...	13.370	3329911	20.008 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
Target Compounds			
1) T n-Nonane (C9)	3.293	3941546	20.150 ug/ml
2) T n-Decane (C10)	4.546	4081338	20.179 ug/ml
3) T A~Naphthalene (C11.7)	6.263	4049805	20.115 ug/ml
4) T n-Dodecane (C12)	6.718	4145940	20.314 ug/ml
5) T A~2-methylnaphthalene...	7.363	3776066	19.652 ug/ml
6) T n-Tetradecane (C14)	8.551	4074268	20.242 ug/ml
7) T n-Hexadecane (C16)	10.163	4137666	20.176 ug/ml
8) T n-Octadecane (C18)	11.610	4156767	20.167 ug/ml
10) T n-Eicosane (C20)	12.923	3925588	19.956 ug/ml
11) T n-Heneicosane (C21)	13.536	3834819	19.960 ug/ml
13) T n-Docosane (C22)	14.123	3790581	19.636 ug/ml
14) T n-Tetracosane (C24)	15.229	3753364	18.951 ug/ml
15) T n-Hexacosane (C26)	16.253	3688962	18.594 ug/ml
16) T n-Octacosane (C28)	17.204	3700091	18.005 ug/ml
17) T n-Tricontane (C30)	18.094	3880204	17.289 ug/ml
18) T n-Dotriacontane (C32)	18.928	3921423	16.799 ug/ml
19) T n-Tetratriacontane (C34)	19.714	3725819	17.444 ug/ml
20) T n-Hexatriacontane (C36)	20.455	3373342	18.124 ug/ml
21) T n-Octatriacontane (C38)	21.201	3230272	18.639 ug/ml
22) T n-Tetracontane (C40)	22.130	3206721	19.029 ug/ml

(f)=RT Delta > 1/2 Window

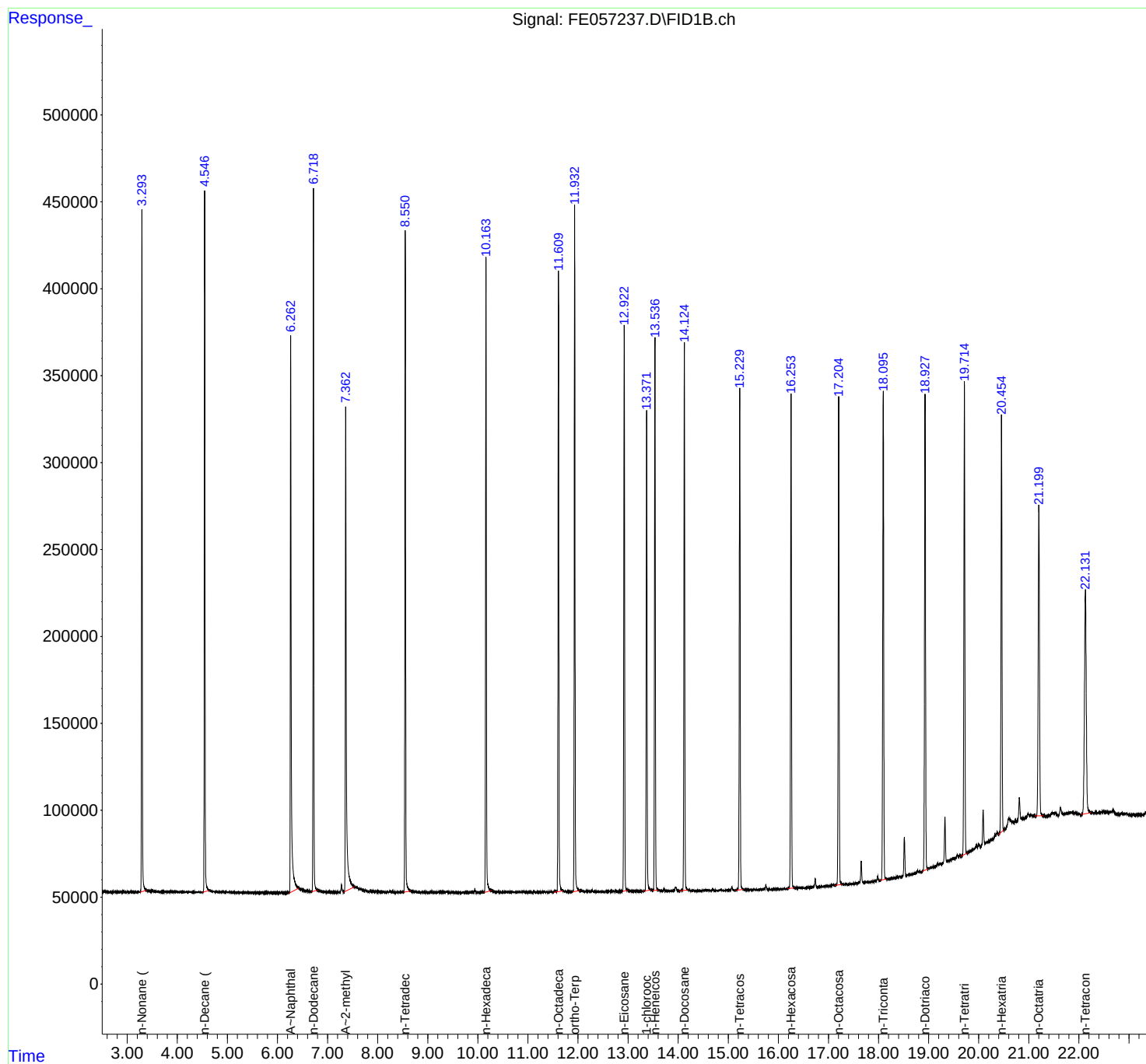
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
Data File : FE057237.D
Signal(s) : FID1B.ch
Acq On : 09 Dec 2025 09:23
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Dec 10 00:14:37 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



Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
 Data File : FE057237.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2025 09:23
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 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	3.293	3.255	3.383	BB	392635	3941546	89.52%	4.685%
2	4.546	4.505	4.635	BB	402238	4081338	92.70%	4.851%
3	6.263	6.235	6.425	BB	316603	4049805	91.98%	4.814%
4	6.718	6.680	6.802	BB	405864	4145940	94.16%	4.928%
5	7.363	7.330	7.533	BB	276447	3776066	85.76%	4.489%
6	8.551	8.515	8.657	BB	381918	4074268	92.54%	4.843%
7	10.163	10.128	10.265	BB	365608	4137666	93.98%	4.918%
8	11.610	11.515	11.703	BB	357842	4156767	94.41%	4.941%
9	11.933	11.893	12.030	BB	393317	4402909	100.00%	5.234%
10	12.923	12.883	12.992	BB	326491	3925588	89.16%	4.666%
11	13.370	13.305	13.453	BB	277342	3329911	75.63%	3.958%
12	13.536	13.495	13.602	BB	319373	3834819	87.10%	4.558%
13	14.123	14.030	14.193	BB	314115	3790581	86.09%	4.506%
14	15.229	15.150	15.300	BB	289039	3753364	85.25%	4.462%
15	16.253	16.188	16.317	BB	284466	3688962	83.78%	4.385%
16	17.204	17.125	17.273	BB	279977	3700091	84.04%	4.398%
17	18.094	18.028	18.152	BB	281292	3880204	88.13%	4.612%
18	18.928	18.870	18.982	BB	272622	3921423	89.06%	4.661%
19	19.714	19.643	19.772	BB	268864	3725819	84.62%	4.429%
20	20.455	20.393	20.495	BB	236815	3373342	76.62%	4.010%
21	21.201	21.118	21.290	BB	174740	3230272	73.37%	3.840%
22	22.130	22.050	22.243	BB	128500	3206721	72.83%	3.812%
Sum of corrected areas:							84127401	

Aliphatic EPH 112725.M Wed Dec 10 00:33:21 2025

Continuing Calibration Report for SequenceID : FE120925AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FE057250.D

Aliphatic C9-C12	12792144.000	60.000	3.193	6.818	213202.400	200655.681	-6.253
Aliphatic C12-C16	8687540.000	40.000	6.819	10.263	217188.500	203177.346	-6.896
Aliphatic C16-C21	12552618.000	60.000	10.264	13.636	209210.300	198315.768	-5.494
Aliphatic C21-C28	15717983.000	80.000	13.637	17.304	196474.788	198747.045	1.143
Aliphatic C28-C40	22176911.000	120.000	17.305	22.230	184807.592	199899.890	7.550
Aliphatic EPH	71927196.000	360.000	3.193	22.230	199797.767	199869.809	0.036

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	09 Dec 2025 16:26
Client Sample ID:		Operator:	YP\AJ
Data file:	FE057250.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.193	6.818	12792144.000	60.000	ug/ml
Aliphatic C12-C16	6.819	10.263	8687540.000	40.000	ug/ml
Aliphatic C16-C21	10.264	13.636	12552618.000	60.000	ug/ml
Aliphatic C21-C28	13.637	17.304	15717983.000	80.000	ug/ml
Aliphatic C28-C40	17.305	22.230	22176911.000	120.000	ug/ml
Aliphatic EPH	3.193	22.230	71927196.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
 Data File : FE057250.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2025 16:26
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 10 00:19:52 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)	11.931	4641016	21.149 ug/ml
Spiked Amount 50.000		Recovery =	42.30%
12) S 1-chlorooctadecane (S...	13.368	3505459	21.063 ug/ml
Spiked Amount 50.000		Recovery =	42.13%
Target Compounds			
1) T n-Nonane (C9)	3.290	4127786	21.102 ug/ml
2) T n-Decane (C10)	4.543	4292586	21.223 ug/ml
3) T A~Naphthalene (C11.7)	6.261	4305567	21.386 ug/ml
4) T n-Dodecane (C12)	6.715	4371772	21.420 ug/ml
5) T A~2-methylnaphthalene...	7.360	4022858	20.936 ug/ml
6) T n-Tetradecane (C14)	8.548	4309821	21.412 ug/ml
7) T n-Hexadecane (C16)	10.160	4377719	21.347 ug/ml
8) T n-Octadecane (C18)	11.607	4375633	21.229 ug/ml
10) T n-Eicosane (C20)	12.920	4138539	21.039 ug/ml
11) T n-Heneicosane (C21)	13.534	4038446	21.020 ug/ml
13) T n-Docosane (C22)	14.122	3976744	20.600 ug/ml
14) T n-Tetracosane (C24)	15.227	3951107	19.949 ug/ml
15) T n-Hexacosane (C26)	16.251	3893221	19.624 ug/ml
16) T n-Octacosane (C28)	17.202	3896911	18.963 ug/ml
17) T n-Tricontane (C30)	18.093	4060266	18.092 ug/ml
18) T n-Dotriacontane (C32)	18.928	4064960	17.414 ug/ml
19) T n-Tetratriacontane (C34)	19.713	3844509	18.000 ug/ml
20) T n-Hexatriacontane (C36)	20.455	3506618	18.840 ug/ml
21) T n-Octatriacontane (C38)	21.201	3362134	19.400 ug/ml
22) T n-Tetracontane (C40)	22.128	3338424	19.811 ug/ml

(f)=RT Delta > 1/2 Window

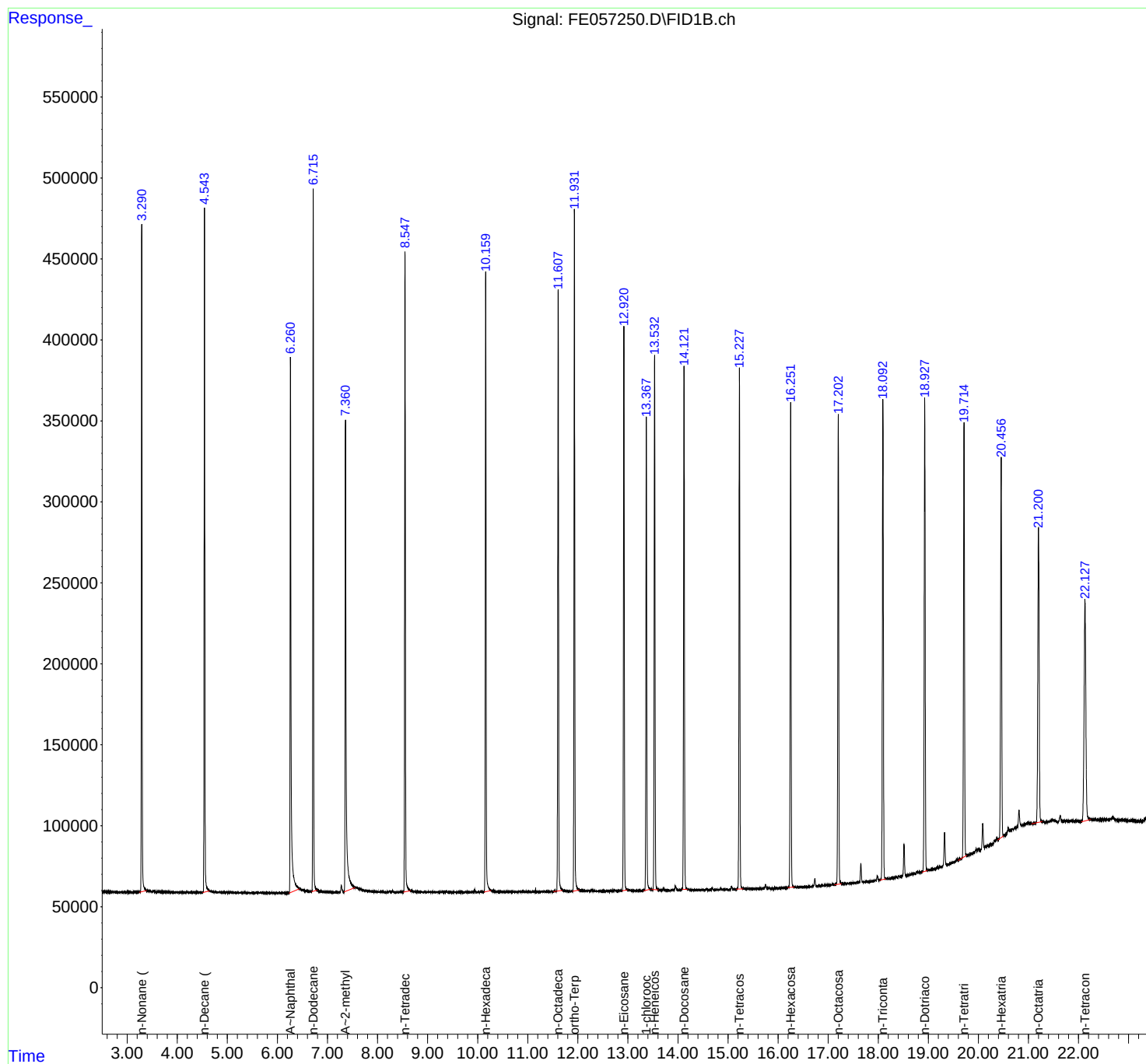
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
Data File : FE057250.D
Signal(s) : FID1B.ch
Acq On : 09 Dec 2025 16:26
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Dec 10 00:19:52 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



Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
 Data File : FE057250.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2025 16:26
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 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	3.290	3.242	3.385	BB	411703	4127786	88.94%	4.669%
2	4.543	4.504	4.644	BB	422545	4292586	92.49%	4.856%
3	6.261	6.229	6.440	BB	330423	4305567	92.77%	4.870%
4	6.715	6.682	6.795	BB	433298	4371772	94.20%	4.945%
5	7.360	7.329	7.547	BB	290418	4022858	86.68%	4.551%
6	8.548	8.515	8.662	BB	393500	4309821	92.86%	4.875%
7	10.160	10.125	10.269	BB	381781	4377719	94.33%	4.952%
8	11.607	11.514	11.694	BB	371604	4375633	94.28%	4.950%
9	11.931	11.890	12.027	BB	418498	4641016	100.00%	5.250%
10	12.920	12.882	12.992	BB	348744	4138539	89.17%	4.681%
11	13.368	13.317	13.449	BB	287532	3505459	75.53%	3.965%
12	13.534	13.477	13.610	BB	327787	4038446	87.02%	4.568%
13	14.122	14.085	14.194	BB	323329	3976744	85.69%	4.498%
14	15.227	15.170	15.304	BB	319788	3951107	85.13%	4.469%
15	16.251	16.189	16.324	BB	297061	3893221	83.89%	4.404%
16	17.202	17.125	17.269	BB	289126	3896911	83.97%	4.408%
17	18.093	18.030	18.152	BB	294513	4060266	87.49%	4.593%
18	18.928	18.870	18.984	BB	287093	4064960	87.59%	4.598%
19	19.713	19.595	19.764	PB	267234	3844509	82.84%	4.349%
20	20.455	20.392	20.497	BB	233177	3506618	75.56%	3.967%
21	21.201	21.065	21.279	BB	181838	3362134	72.44%	3.803%
22	22.128	22.050	22.239	BB	135076	3338424	71.93%	3.776%
Sum of corrected areas:							88402094	

Aliphatic EPH 112725.M Wed Dec 10 00:38:00 2025



QC SAMPLE DATA

Report of Analysis

Client:	Remington & Vernick	Date Collected:	
Project:	Saddler Property	Date Received:	
Client Sample ID:	PB170826BL	SDG No.:	Q3742
Lab Sample ID:	PB170826BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 g	Test:	EPH_F2
Prep Method :			

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	FE057173.D	12/04/25 21:41	PB170826
Total EPH	Total EPH	0.91	U		0.91	3.99	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Remington & Vernick		Date Collected:	
Project:	Saddler Property		Date Received:	
Client Sample ID:	PB170826BL		SDG No.:	Q3742
Lab Sample ID:	PB170826BL		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL	Test:
Prep Method :		Prep Date	12/04/25	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	12/04/25	PB170826
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	12/04/25	PB170826
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	26.8			40 - 140	54%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	33.1			40 - 140	66%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170826BL	Acq On:	04 Dec 2025 21:41
Client Sample ID:	PB170826BL	Operator:	YP\AJ
Data file:	FE057173.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.194	6.819	0	0	300	ug/ml
Aliphatic C12-C16	6.820	10.265	0	0	200	ug/ml
Aliphatic C16-C21	10.266	13.639	0	0	300	ug/ml
Aliphatic C21-C28	13.640	17.309	0	0	400	ug/ml
Aliphatic C28-C40	17.310	22.235	0	0	600	ug/ml
Aliphatic EPH	3.194	22.235	0	0		ug/ml
ortho-Terphenyl (SURR)	11.934	11.934	7255025	33.06		ug/ml
1-chlorooctadecane (SURR)	13.371	13.371	4460147	26.8		ug/ml
Aliphatic C9-C28	3.194	17.309	0	0	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057173.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2025 21:41
 Operator : YP\AJ
 Sample : PB170826BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170826BL

Integration File: autoint1.e
 Quant Time: Dec 05 00:27:33 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)	11.934	7255025	33.061 ug/ml
Spiked Amount 50.000		Recovery =	66.12%
12) S 1-chlorooctadecane (S...	13.371	4460147	26.799 ug/ml
Spiked Amount 50.000		Recovery =	53.60%

Target Compounds

(f)=RT Delta > 1/2 Window

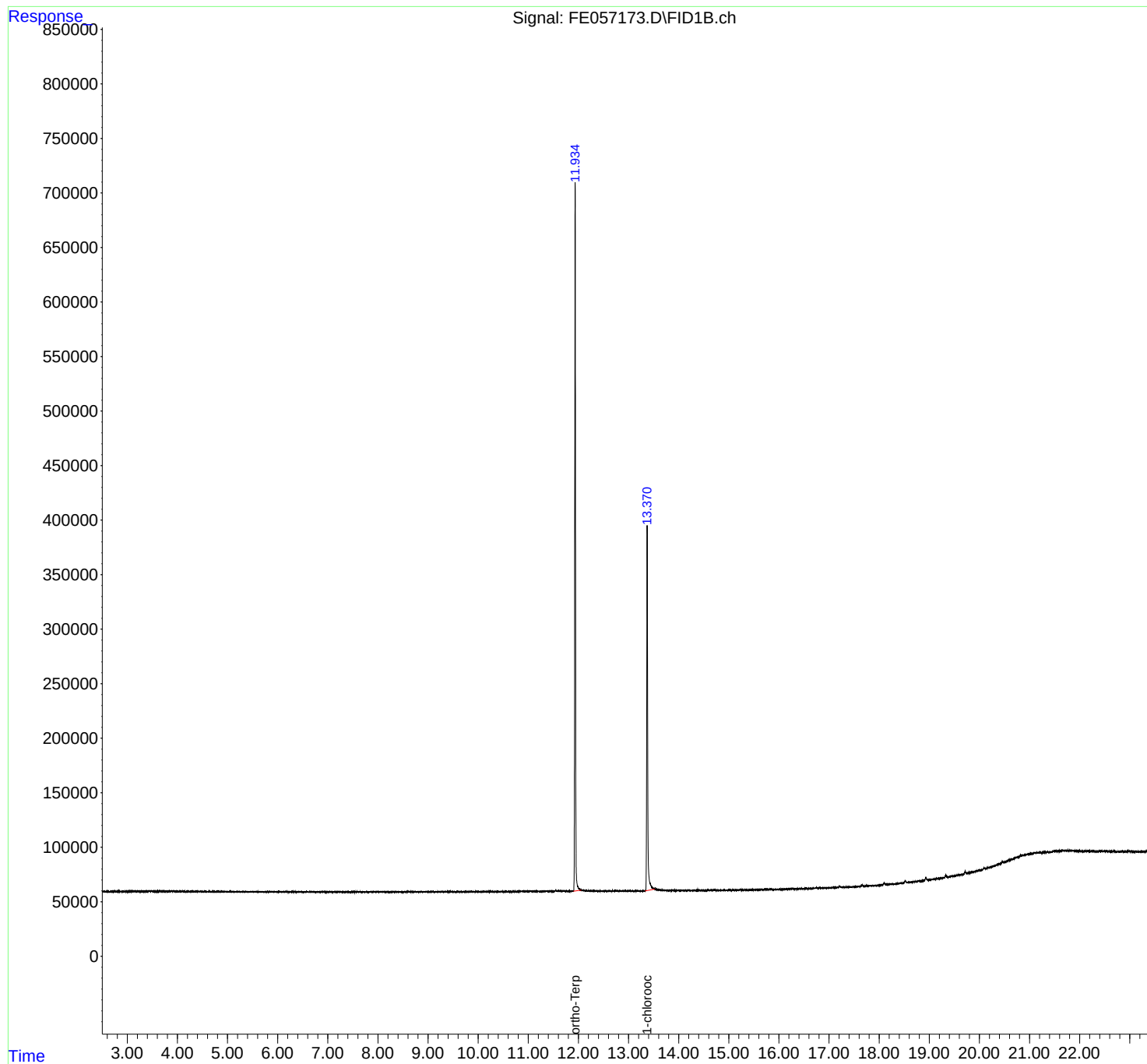
(m)=manual int.

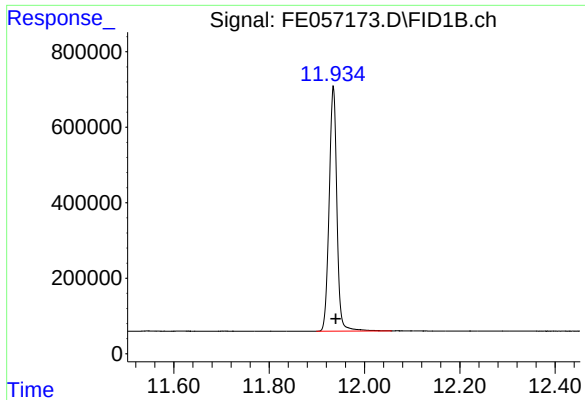
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
Data File : FE057173.D
Signal(s) : FID1B.ch
Acq On : 04 Dec 2025 21:41
Operator : YP\AJ
Sample : PB170826BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170826BL

Integration File: autoint1.e
Quant Time: Dec 05 00:27:33 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

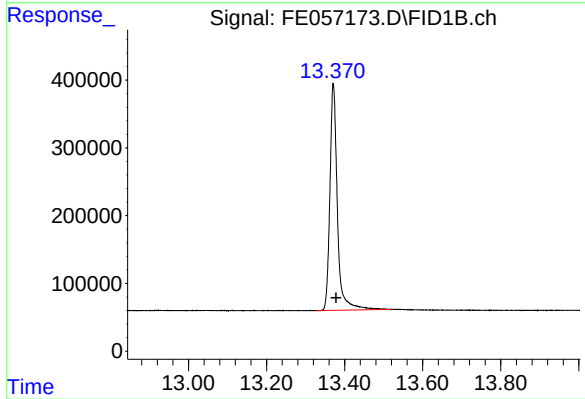




#9 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: -0.005 min
Response: 7255025
Conc: 33.06 ug/ml

Instrument :
FID_E
ClientSampleId :
PB170826BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: -0.007 min
Response: 4460147
Conc: 26.80 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
Data File : FE057173.D
Signal(s) : FID1B.ch
Acq On : 04 Dec 2025 21:41
Sample : PB170826BL
Misc :
ALS Vial : 23 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	11.934	11.899	12.057	BB	647670	7255025	100.00%	61.928%
2	13.371	13.327	13.520	BB	332234	4460147	61.48%	38.072%
Sum of corrected areas:							11715172	

Aliphatic EPH 112725.M Fri Dec 05 10:45:11 2025

Report of Analysis

Client:	Remington & Vernick	Date Collected:	
Project:	Saddler Property	Date Received:	
Client Sample ID:	PB170826BS	SDG No.:	Q3742
Lab Sample ID:	PB170826BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 g	Test:	EPH_F2
Prep Method :			

Final Vol: 2000 uL
Prep Date : 12/04/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	84.4	E	1	0.91	4.00	mg/kg	FE057174.D	12/04/25 22:11	PB170826
Total EPH	Total EPH	84.4			0.91	4.00	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Remington & Vernick	Date Collected:	
Project:	Saddler Property	Date Received:	
Client Sample ID:	PB170826BS	SDG No.:	Q3742
Lab Sample ID:	PB170826BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	2000 uL
Prep Method :		Prep Date	12/04/25
		Test:	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	84.4	E	1	0.91	4.00	mg/kg	12/04/25	PB170826
Aliphatic C28-C40	Aliphatic C28-C40	24.0		1	1.18	2.00	mg/kg	12/04/25	PB170826
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	31.0			40 - 140	62%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	33.1			40 - 140	66%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170826BS	Acq On:	04 Dec 2025 22:11
Client Sample ID:	PB170826BS	Operator:	YP\AJ
Data file:	FE057174.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.194	6.819	44628402	222.413	300	ug/ml
Aliphatic C12-C16	6.820	10.265	56399327	277.587	200	ug/ml
Aliphatic C16-C21	10.266	13.639	68827512	347.06	300	ug/ml
Aliphatic C21-C28	13.640	17.309	83621416	420.743	400	ug/ml
Aliphatic C28-C40	17.310	22.235	71965551	360.008	600	ug/ml
Aliphatic EPH	3.194	22.235	325442208	1630		ug/ml
ortho-Terphenyl (SURR)	11.935	11.935	7261125	33.09		ug/ml
1-chlorooctadecane (SURR)	13.371	13.371	5157945	30.99		ug/ml
Aliphatic C9-C28	3.194	17.309	253476657	1270	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057174.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2025 22:11
 Operator : YP\AJ
 Sample : PB170826BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170826BS

Integration File: autoint1.e
 Quant Time: Dec 05 00:27:53 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)	11.935	7261125	33.089 ug/ml
Spiked Amount 50.000		Recovery =	66.18%
12) S 1-chlorooctadecane (S...	13.371	5157945	30.992 ug/ml
Spiked Amount 50.000		Recovery =	61.98%
Target Compounds			
1) T n-Nonane (C9)	3.317	7596399	38.834 ug/ml
2) T n-Decane (C10)	4.559	8164026	40.364 ug/ml
3) T A~Naphthalene (C11.7)	6.268	9948464	49.414 ug/ml
4) T n-Dodecane (C12)	6.722	8742565	42.836 ug/ml
5) T A~2-methylnaphthalene...	7.365	8761407	45.596 ug/ml
6) T n-Tetradecane (C14)	8.555	8828415	43.862 ug/ml
7) T n-Hexadecane (C16)	10.165	8650351	42.181 ug/ml
8) T n-Octadecane (C18)	11.613	8600073	41.725 ug/ml
10) T n-Eicosane (C20)	12.927	8607673	43.758 ug/ml
11) T n-Heneicosane (C21)	13.539	8481695	44.147 ug/ml
13) T n-Docosane (C22)	14.127	8388428	43.454 ug/ml
14) T n-Tetracosane (C24)	15.236	18903862	95.447 ug/ml
15) T n-Hexacosane (C26)	16.258	8351679	42.097 ug/ml
16) T n-Octacosane (C28)	17.207	9377713	45.634 ug/ml
17) T n-Tricontane (C30)	18.100	8332049	37.126 ug/ml
18) T n-Dotriacontane (C32)	18.933	7845910	33.611 ug/ml
19) T n-Tetratriacontane (C34)	19.716	7419098	34.736 ug/ml
20) T n-Hexatriacontane (C36)	20.458	6070333	32.613 ug/ml
21) T n-Octatriacontane (C38)	21.203	4938579	28.496 ug/ml
22) T n-Tetracontane (C40)	22.130	4298792	25.510 ug/ml

(f)=RT Delta > 1/2 Window

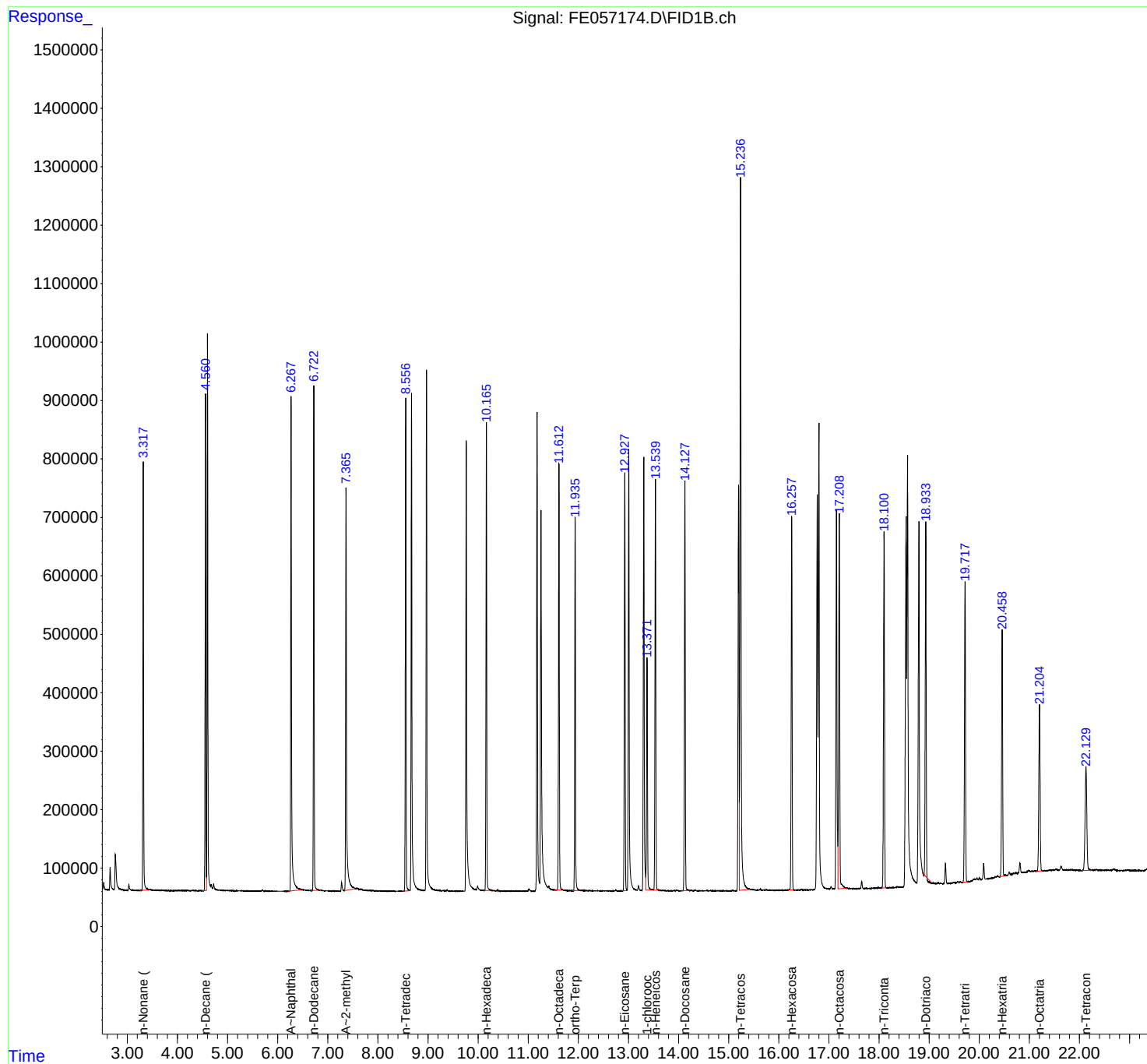
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
Data File : FE057174.D
Signal(s) : FID1B.ch
Acq On : 04 Dec 2025 22:11
Operator : YP\AJ
Sample : PB170826BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170826BS

Integration File: autoint1.e
Quant Time: Dec 05 00:27:53 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



Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057174.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2025 22:11
 Sample : PB170826BS
 Misc :
 ALS Vial : 24 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	2.528	2.508	2.577	BB	11004	125039	0.66%	0.037%
2	2.657	2.623	2.737	BV	38317	511512	2.71%	0.153%
3	2.761	2.737	2.893	VB	59657	1126545	5.96%	0.337%
4	3.032	2.982	3.093	BB	8864	115851	0.61%	0.035%
5	3.318	3.253	3.447	BB	731175	7596399	40.18%	2.270%
6	4.559	4.495	4.579	BV	854667	8164026	43.19%	2.440%
7	4.600	4.579	4.658	VV	955228	10013494	52.97%	2.993%
8	4.721	4.703	4.780	VB	10452	163454	0.86%	0.049%
9	6.268	6.215	6.477	BB	842802	9948464	52.63%	2.973%
10	6.722	6.658	6.835	BB	862271	8742565	46.25%	2.613%
11	7.276	7.222	7.327	BV	14114	194487	1.03%	0.058%
12	7.365	7.327	7.552	PB	689350	8761407	46.35%	2.619%
13	8.555	8.495	8.642	BV	842102	8828415	46.70%	2.639%
14	8.671	8.642	8.852	VB	848413	10032442	53.07%	2.998%
15	8.970	8.912	9.160	BB	893181	10000592	52.90%	2.989%
16	9.763	9.700	9.962	BV	770723	9850184	52.11%	2.944%
17	9.989	9.962	10.020	PBA	5362	81449	0.43%	0.024%
18	10.165	10.105	10.268	BB	803126	8650351	45.76%	2.585%
19	11.177	11.108	11.228	BV	817590	9327219	49.34%	2.788%
20	11.255	11.228	11.395	VV	649135	9506607	50.29%	2.841%
21	11.613	11.522	11.708	BB	728406	8600073	45.49%	2.570%
22	11.935	11.875	12.042	BB	637087	7261125	38.41%	2.170%
23	12.927	12.867	12.971	BV	717160	8607673	45.53%	2.573%
24	13.006	12.971	13.173	VB	757790	9682756	51.22%	2.894%
25	13.202	13.175	13.229	BBA	7312	93004	0.49%	0.028%
26	13.306	13.242	13.344	BV	743418	9370540	49.57%	2.801%
27	13.372	13.344	13.500	VB	396068	5157945	27.29%	1.542%
28	13.539	13.500	13.617	BB	700851	8481695	44.87%	2.535%
29	14.127	14.060	14.217	BB	699678	8388428	44.37%	2.507%
30	15.197	15.133	15.213	BV	695901	8943576	47.31%	2.673%
31	15.236	15.213	15.437	VB	1217614	18903862	100.00%	5.650%
32	16.258	16.175	16.310	BB	634925	8351679	44.18%	2.496%
33	16.768	16.690	16.782	BV	678371	9573528	50.64%	2.861%
34	16.801	16.782	16.940	VB	799149	10780593	57.03%	3.222%
35	17.151	17.110	17.180	BV	648671	9302037	49.21%	2.780%
36	17.207	17.180	17.363	VB	636953	9377713	49.61%	2.803%

rteres								
37	17.655	17.593	17.695	BB	11995	178305	0.94%	0.053%
38	18.100	18.035	18.152	BB	608455	8332049	44.08%	2.490%
39	18.539	18.463	18.552	BV	631041	9649547	51.05%	2.884%
40	18.569	18.552	18.752	VV	730947	12234529	64.72%	3.657%
41	18.796	18.752	18.870	PBA	611856	9720659	51.42%	2.905%
42	18.933	18.870	19.055	BB	609494	7845910	41.50%	2.345%
43	19.325	19.267	19.373	BB	34685	481129	2.55%	0.144%
44	19.716	19.648	19.778	BB	513419	7419098	39.25%	2.217%
45	20.088	20.040	20.120	BB	27181	385037	2.04%	0.115%
46	20.458	20.395	20.540	BB	423600	6070333	32.11%	1.814%
47	20.812	20.757	20.855	BB	16661	277279	1.47%	0.083%
48	21.203	21.135	21.273	BB	283268	4938579	26.12%	1.476%
49	21.633	21.578	21.688	BB	6548	134305	0.71%	0.040%
50	22.130	22.050	22.250	BB	178167	4298792	22.74%	1.285%

Sum of corrected areas: 334582279

Aliphatic EPH 112725.M Fri Dec 05 10:45:30 2025

Report of Analysis

Client:	Remington & Vernick	Date Collected:	
Project:	Saddler Property	Date Received:	
Client Sample ID:	PB170826BSD	SDG No.:	Q3742
Lab Sample ID:	PB170826BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 g	Test:	EPH_F2
Prep Method :		Final Vol:	2000 uL
		Prep Date :	12/04/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	81.4	E	1	0.91	3.99	mg/kg	FE057175.D	12/04/25 22:40	PB170826
Total EPH	Total EPH	81.4			0.91	3.99	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Remington & Vernick	Date Collected:	
Project:	Saddler Property	Date Received:	
Client Sample ID:	PB170826BSD	SDG No.:	Q3742
Lab Sample ID:	PB170826BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL
Prep Method :		Prep Date	12/04/25
		Test:	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	81.4	E	1	0.91	3.99	mg/kg	12/04/25	PB170826
Aliphatic C28-C40	Aliphatic C28-C40	27.8		1	1.18	2.00	mg/kg	12/04/25	PB170826
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	30.6			40 - 140	61%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	33.0			40 - 140	66%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170826BSD	Acq On:	04 Dec 2025 22:40
Client Sample ID:	PB170826BSD	Operator:	YP\AJ
Data file:	FE057175.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.194	6.819	44088059	219.72	300	ug/ml
Aliphatic C12-C16	6.820	10.265	55549418	273.404	200	ug/ml
Aliphatic C16-C21	10.266	13.639	62623494	315.777	300	ug/ml
Aliphatic C21-C28	13.640	17.309	82407117	414.633	400	ug/ml
Aliphatic C28-C40	17.310	22.235	83310528	416.761	600	ug/ml
Aliphatic EPH	3.194	22.235	327978616	1640		ug/ml
ortho-Terphenyl (SURR)	11.934	11.934	7249535	33.04		ug/ml
1-chlorooctadecane (SURR)	13.371	13.371	5095776	30.62		ug/ml
Aliphatic C9-C28	3.194	17.309	244668088	1220	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057175.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2025 22:40
 Operator : YP\AJ
 Sample : PB170826BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170826BSD

Integration File: autoint1.e
 Quant Time: Dec 05 00:28:26 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)	11.934	7249535	33.036 ug/ml
Spiked Amount 50.000		Recovery =	66.07%
12) S 1-chlorooctadecane (S...	13.371	5095776	30.619 ug/ml
Spiked Amount 50.000		Recovery =	61.24%
Target Compounds			
1) T n-Nonane (C9)	3.317	7544989	38.571 ug/ml
2) T n-Decane (C10)	4.558	8075025	39.924 ug/ml
3) T A~Naphthalene (C11.7)	6.266	9801866	48.686 ug/ml
4) T n-Dodecane (C12)	6.721	8615084	42.211 ug/ml
5) T A~2-methylnaphthalene...	7.364	8601382	44.764 ug/ml
6) T n-Tetradecane (C14)	8.554	8694498	43.196 ug/ml
7) T n-Hexadecane (C16)	10.165	8516588	41.529 ug/ml
8) T n-Octadecane (C18)	11.612	8472977	41.108 ug/ml
10) T n-Eicosane (C20)	12.925	8477255	43.095 ug/ml
11) T n-Heneicosane (C21)	13.538	8346809	43.445 ug/ml
13) T n-Docosane (C22)	14.126	8250986	42.742 ug/ml
14) T n-Tetracosane (C24)	15.235	18584822	93.836 ug/ml
15) T n-Hexacosane (C26)	16.258	8206157	41.364 ug/ml
16) T n-Octacosane (C28)	17.207	9332849	45.415 ug/ml
17) T n-Tricontane (C30)	18.100	8541562	38.060 ug/ml
18) T n-Dotriacontane (C32)	18.932	8652979	37.068 ug/ml
19) T n-Tetratriacontane (C34)	19.717	8638075	40.443 ug/ml
20) T n-Hexatriacontane (C36)	20.458	7749786	41.636 ug/ml
21) T n-Octatriacontane (C38)	21.204	7121340	41.091 ug/ml
22) T n-Tetracontane (C40)	22.132	6732236	39.950 ug/ml

(f)=RT Delta > 1/2 Window

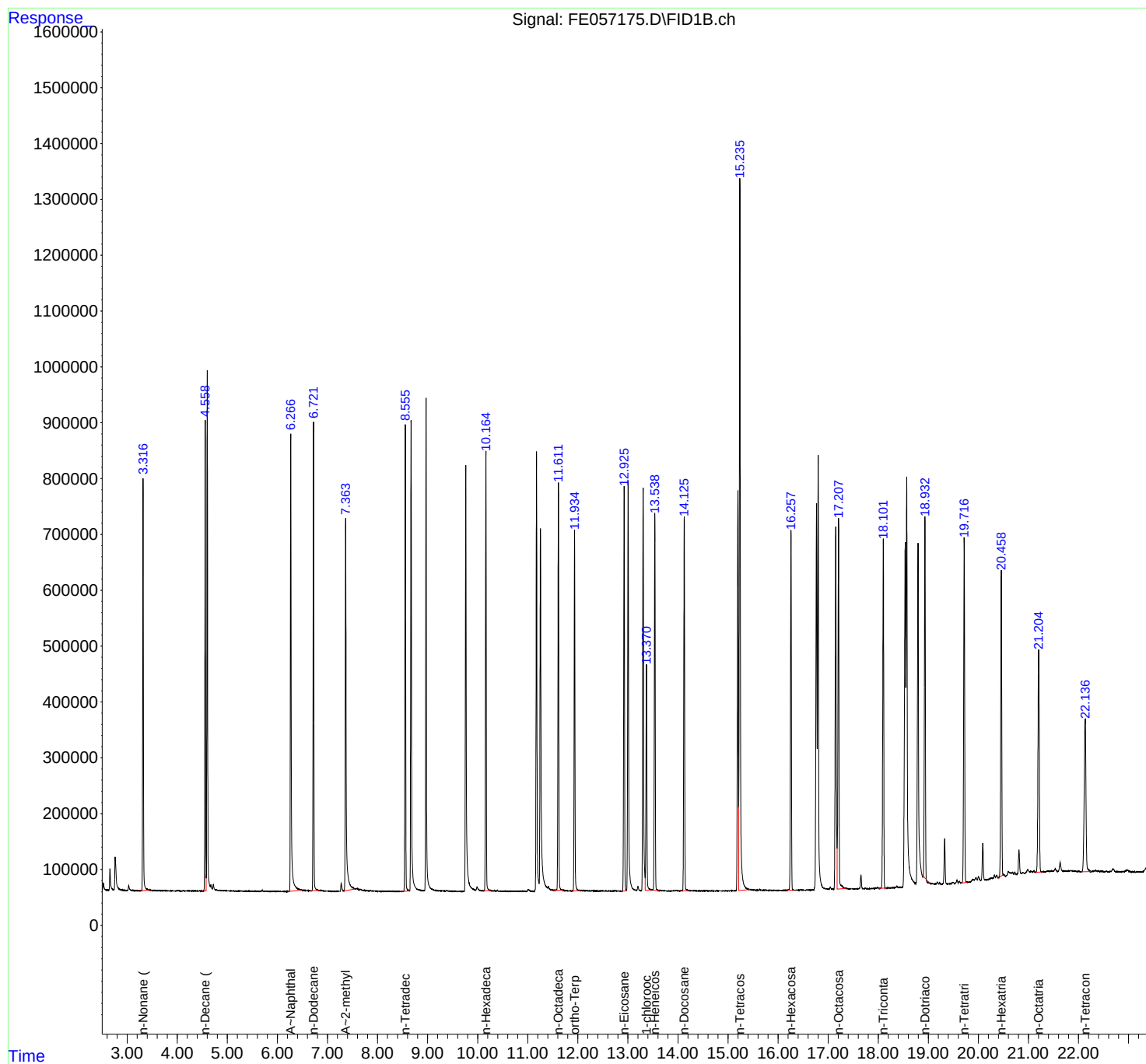
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
Data File : FE057175.D
Signal(s) : FID1B.ch
Acq On : 04 Dec 2025 22:40
Operator : YP\AJ
Sample : PB170826BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170826BSD

Integration File: autoint1.e
Quant Time: Dec 05 00:28:26 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\FE120425AL\
 Data File : FE057175.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2025 22:40
 Sample : PB170826BSD
 Misc :
 ALS Vial : 25 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	2.526	2.509	2.574	BB	11319	133936	0.72%	0.039%
2	2.655	2.622	2.737	BV	38470	502402	2.70%	0.147%
3	2.760	2.737	2.879	VB	58069	1083183	5.83%	0.317%
4	3.030	2.987	3.082	BB	8885	117361	0.63%	0.034%
5	3.317	3.262	3.440	BB	738132	7544989	40.60%	2.205%
6	4.558	4.494	4.578	BV	843694	8075025	43.45%	2.360%
7	4.599	4.578	4.657	VV	932940	9878943	53.16%	2.887%
8	4.720	4.700	4.787	VB	10433	172152	0.93%	0.050%
9	6.266	6.212	6.489	BB	820848	9801866	52.74%	2.865%
10	6.721	6.664	6.839	BB	835274	8615084	46.36%	2.518%
11	7.275	7.225	7.329	BV	14057	191414	1.03%	0.056%
12	7.364	7.329	7.550	PB	664806	8601382	46.28%	2.514%
13	8.554	8.487	8.642	BV	829751	8694498	46.78%	2.541%
14	8.669	8.642	8.852	VB	841306	9898720	53.26%	2.893%
15	8.968	8.909	9.160	BB	883811	9851211	53.01%	2.879%
16	9.762	9.700	9.957	BV	762893	9711464	52.25%	2.838%
17	9.987	9.957	10.020	PBA	5617	84141	0.45%	0.025%
18	10.165	10.104	10.260	BB	786944	8516588	45.83%	2.489%
19	11.175	11.104	11.229	BV	786100	9171887	49.35%	2.681%
20	11.254	11.229	11.392	VV	647037	9333312	50.22%	2.728%
21	11.612	11.520	11.704	BB	732157	8472977	45.59%	2.476%
22	11.934	11.877	12.050	BB	645293	7249535	39.01%	2.119%
23	12.925	12.865	12.972	BV	724063	8477255	45.61%	2.478%
24	13.005	12.972	13.174	VB	729169	9509937	51.17%	2.779%
25	13.201	13.174	13.229	BBA	7134	92948	0.50%	0.027%
26	13.304	13.269	13.344	BV	723076	9218369	49.60%	2.694%
27	13.371	13.344	13.470	VB	402746	5095776	27.42%	1.489%
28	13.538	13.499	13.619	BB	672038	8346809	44.91%	2.439%
29	14.126	14.057	14.220	BB	671578	8250986	44.40%	2.411%
30	15.196	15.135	15.212	BV	707950	8815813	47.44%	2.577%
31	15.235	15.212	15.440	VB	1275922	18584822	100.00%	5.432%
32	16.258	16.169	16.309	BB	643422	8206157	44.16%	2.398%
33	16.767	16.707	16.781	BV	690613	9480999	51.01%	2.771%
34	16.800	16.781	16.949	VB	774632	10609721	57.09%	3.101%
35	17.151	17.112	17.179	BV	650594	9125770	49.10%	2.667%
36	17.207	17.179	17.352	VB	664538	9332849	50.22%	2.728%

rteres								
37	17.655	17.594	17.697	BB	24846	341761	1.84%	0.100%
38	18.100	18.015	18.162	BB	621902	8541562	45.96%	2.496%
39	18.538	18.455	18.551	BV	611436	10114895	54.43%	2.956%
40	18.568	18.551	18.747	VV	733701	12082855	65.01%	3.531%
41	18.794	18.747	18.870	PBA	601148	9696991	52.18%	2.834%
42	18.932	18.870	19.029	BB	647279	8652979	46.56%	2.529%
43	19.326	19.260	19.380	BB	80853	1126694	6.06%	0.329%
44	19.717	19.655	19.782	BB	613530	8638075	46.48%	2.525%
45	19.953	19.921	19.976	VV	6391	136840	0.74%	0.040%
46	20.002	19.976	20.049	VV	7278	143421	0.77%	0.042%
47	20.088	20.049	20.124	PV	65543	955597	5.14%	0.279%
48	20.458	20.407	20.493	BV	547869	7749786	41.70%	2.265%
49	20.599	20.550	20.655	BB	6321	153698	0.83%	0.045%
50	20.811	20.764	20.855	BV	42901	655983	3.53%	0.192%
51	20.987	20.919	21.029	BV	5763	138558	0.75%	0.040%
52	21.204	21.140	21.277	BV	397743	7121340	38.32%	2.081%
53	21.632	21.590	21.704	BB	16034	327257	1.76%	0.096%
54	22.132	22.050	22.252	BB	269483	6732236	36.22%	1.968%
Sum of corrected areas:						342160805		

Aliphatic EPH 112725.M Fri Dec 05 10:45:45 2025

Report of Analysis

Client:	Remington & Vernick	Date Collected:	
Project:	Saddler Property	Date Received:	
Client Sample ID:	SB-1125-3DMS	SDG No.:	Q3742
Lab Sample ID:	Q3742-14MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.5
Sample Wt/Vol:	30.07 g	Test:	EPH_F2
Prep Method :		Final Vol:	2000 uL
		Prep Date :	12/04/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	107		1	1.29	5.67	mg/kg	FE057182.D	12/05/25 2:12	PB170826
Total EPH	Total EPH	107			1.29	5.67	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Remington & Vernick	Date Collected:	
Project:	Saddler Property	Date Received:	
Client Sample ID:	SB-1125-3DMS	SDG No.:	Q3742
Lab Sample ID:	Q3742-14MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.5
Sample Wt/Vol:	30.07 g	Final Vol:	2000 uL
Prep Method :		Prep Date	12/04/25
		Test:	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	107	1		1.29	5.67	mg/kg	12/05/25	PB170826
Aliphatic C28-C40	Aliphatic C28-C40	34.8	1		1.67	2.83	mg/kg	12/05/25	PB170826
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	18.8			40 - 140	38%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	20.0			40 - 140	40%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3742-14MS	Acq On:	05 Dec 2025 02:12
Client Sample ID:	SB-1125-3DMS	Operator:	YP\AJ
Data file:	FE057182.D	Misc:	
Instrument:	FID_E	ALS Vial:	32
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.194	6.819	41953111	209.08	300	ug/ml
Aliphatic C12-C16	6.820	10.265	52072349	256.29	200	ug/ml
Aliphatic C16-C21	10.266	13.639	57720118	291.052	300	ug/ml
Aliphatic C21-C28	13.640	17.309	74899260	376.857	400	ug/ml
Aliphatic C28-C40	17.310	22.235	73696354	368.666	600	ug/ml
Aliphatic EPH	3.194	22.235	300341192	1500		ug/ml
ortho-Terphenyl (SURR)	11.932	11.932	4384249	19.98		ug/ml
1-chlorooctadecane (SURR)	13.369	13.369	3128410	18.8		ug/ml
Aliphatic C9-C28	3.194	17.309	226644838	1130	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057182.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 02:12
 Operator : YP\AJ
 Sample : Q3742-14MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SB-1125-3DMS

Integration File: autoint1.e
 Quant Time: Dec 05 04:07:31 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)	11.932	4384249	19.979 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
12) S 1-chlorooctadecane (S...	13.369	3128410	18.797 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
Target Compounds			
1) T n-Nonane (C9)	3.316	7235208	36.988 ug/ml
2) T n-Decane (C10)	4.558	7414401	36.658 ug/ml
3) T A~Naphthalene (C11.7)	6.266	8727165	43.348 ug/ml
4) T n-Dodecane (C12)	6.720	7696132	37.708 ug/ml
5) T A~2-methylnaphthalene...	7.363	7627415	39.695 ug/ml
6) T n-Tetradecane (C14)	8.553	7729101	38.400 ug/ml
7) T n-Hexadecane (C16)	10.163	7624289	37.178 ug/ml
8) T n-Octadecane (C18)	11.610	7525583	36.512 ug/ml
10) T n-Eicosane (C20)	12.924	7508564	38.171 ug/ml
11) T n-Heneicosane (C21)	13.537	7390203	38.466 ug/ml
13) T n-Docosane (C22)	14.124	7341410	38.030 ug/ml
14) T n-Tetracosane (C24)	15.233	16587709	83.752 ug/ml
15) T n-Hexacosane (C26)	16.256	7255652	36.573 ug/ml
16) T n-Octacosane (C28)	17.206	8220474	40.002 ug/ml
17) T n-Tricontane (C30)	18.097	7043920	31.386 ug/ml
18) T n-Dotriacontane (C32)	18.929	6547394	28.048 ug/ml
19) T n-Tetratriacontane (C34)	19.715	6130567	28.703 ug/ml
20) T n-Hexatriacontane (C36)	20.455	5452737	29.295 ug/ml
21) T n-Octatriacontane (C38)	21.201	5038116	29.071 ug/ml
22) T n-Tetracontane (C40)	22.127	4826244	28.640 ug/ml

(f)=RT Delta > 1/2 Window

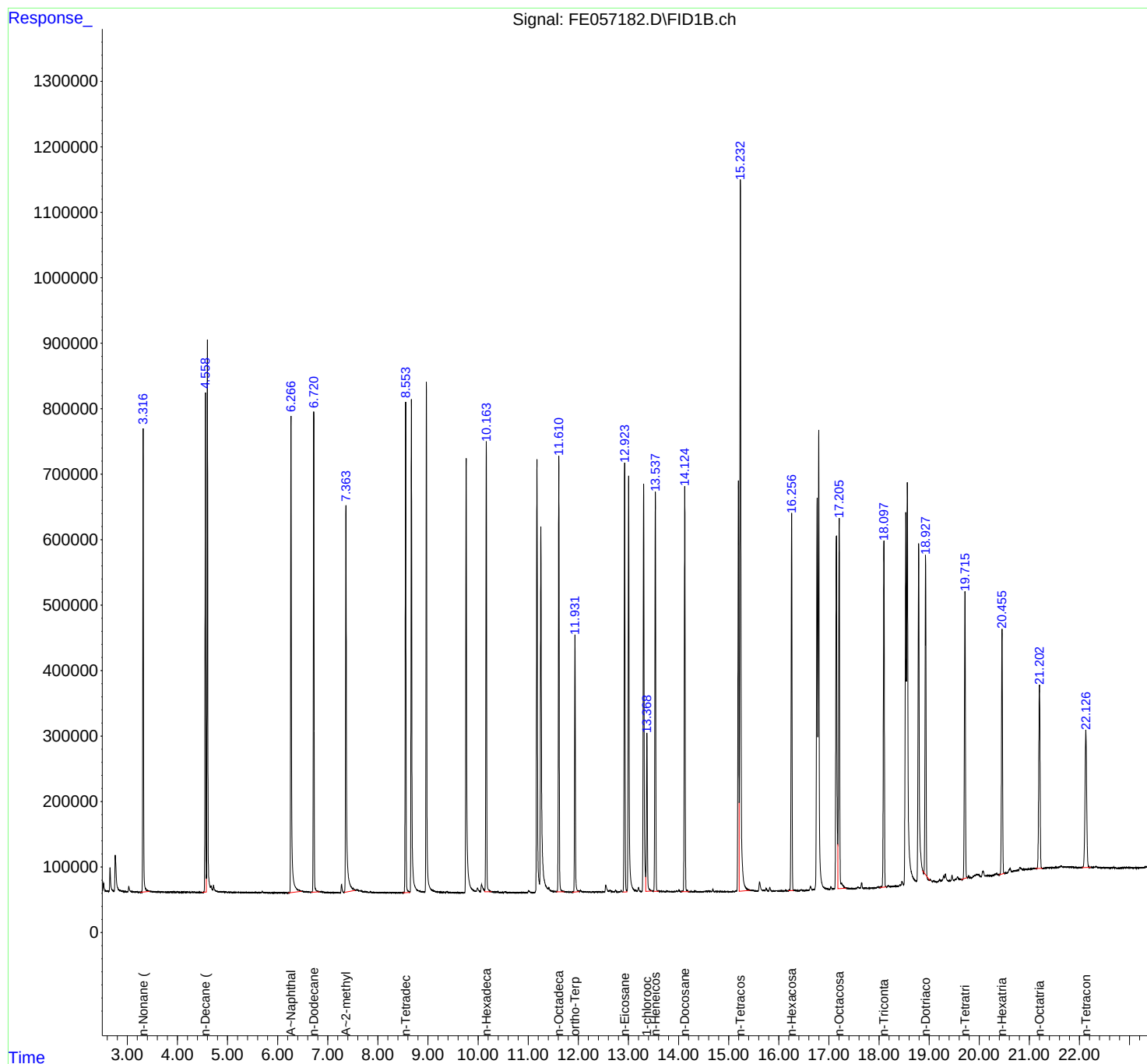
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
Data File : FE057182.D
Signal(s) : FID1B.ch
Acq On : 05 Dec 2025 02:12
Operator : YP\AJ
Sample : Q3742-14MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-3DMS

Integration File: autoint1.e
Quant Time: Dec 05 04:07:31 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\FE120425AL\
 Data File : FE057182.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 02:12
 Sample : Q3742-14MS
 Misc :
 ALS Vial : 32 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	2.655	2.591	2.734	BV	36349	481862	2.87%	0.156%
2	2.759	2.734	2.953	VV	53894	1121711	6.68%	0.362%
3	2.963	2.953	3.008	VV	449	5237	0.03%	0.002%
4	3.030	3.008	3.170	VV	8365	141289	0.84%	0.046%
5	3.186	3.170	3.248	PV	339	3996	0.02%	0.001%
6	3.258	3.248	3.272	PV	83	442	0.00%	0.000%
7	3.316	3.272	3.442	PV	703871	7318479	43.60%	2.362%
8	3.455	3.442	3.507	VV	1691	50225	0.30%	0.016%
9	3.524	3.507	3.546	VV	1065	21126	0.13%	0.007%
10	3.555	3.546	3.588	VV	872	17638	0.11%	0.006%
11	3.595	3.588	3.609	VV	727	7677	0.05%	0.002%
12	3.643	3.609	3.668	VV	782	22667	0.14%	0.007%
13	3.683	3.668	3.748	VV	777	23080	0.14%	0.007%
14	3.757	3.748	3.798	VV	409	10163	0.06%	0.003%
15	3.833	3.798	3.901	VV	391	19720	0.12%	0.006%
16	3.917	3.901	3.991	VV	426	20677	0.12%	0.007%
17	4.001	3.991	4.061	VV	483	15701	0.09%	0.005%
18	4.101	4.061	4.111	VV	402	10013	0.06%	0.003%
19	4.133	4.111	4.151	VV	668	11223	0.07%	0.004%
20	4.207	4.151	4.233	VV	742	22750	0.14%	0.007%
21	4.244	4.233	4.264	VV	423	6468	0.04%	0.002%
22	4.301	4.264	4.317	VV	635	13902	0.08%	0.004%
23	4.328	4.317	4.374	VV	512	15057	0.09%	0.005%
24	4.376	4.374	4.413	VV	490	8315	0.05%	0.003%
25	4.448	4.413	4.484	VV	500	16916	0.10%	0.005%
26	4.498	4.484	4.524	VV	463	9359	0.06%	0.003%
27	4.558	4.524	4.577	VV	763703	7439176	44.32%	2.401%
28	4.598	4.577	4.658	VV	842495	8999244	53.61%	2.904%
29	4.671	4.658	4.701	VV	10539	189154	1.13%	0.061%
30	4.720	4.701	4.986	VV	11132	404040	2.41%	0.130%
31	4.996	4.986	5.141	VV	824	65629	0.39%	0.021%
32	5.148	5.141	5.159	VV	660	6805	0.04%	0.002%
33	5.166	5.159	5.192	VV	628	10788	0.06%	0.003%
34	5.202	5.192	5.208	VV	568	5155	0.03%	0.002%
35	5.220	5.208	5.297	VV	566	28141	0.17%	0.009%
36	5.307	5.297	5.372	VV	478	19868	0.12%	0.006%

					rteres			
37	5.381	5.372	5.618	VV	408	47775	0.28%	0.015%
38	5.626	5.618	5.665	VV	313	7033	0.04%	0.002%
39	5.692	5.665	5.751	VV	1932	33005	0.20%	0.011%
40	5.756	5.751	5.857	VV	264	11845	0.07%	0.004%
41	5.864	5.857	5.911	VV	207	4801	0.03%	0.002%
42	5.928	5.911	5.984	VV	195	7665	0.05%	0.002%
43	5.993	5.984	6.022	VV	166	3777	0.02%	0.001%
44	6.031	6.022	6.056	VV	172	3162	0.02%	0.001%
45	6.074	6.056	6.108	VV	240	5332	0.03%	0.002%
46	6.115	6.108	6.146	VV	211	3407	0.02%	0.001%
47	6.164	6.146	6.199	VV	217	4602	0.03%	0.001%
48	6.212	6.199	6.233	VV	159	2108	0.01%	0.001%
49	6.266	6.233	6.418	PV	725938	8817617	52.53%	2.846%
50	6.425	6.418	6.685	VV	4626	350151	2.09%	0.113%
51	6.720	6.685	6.844	VV	740716	7841233	46.71%	2.531%
52	6.867	6.844	7.041	VV	1878	123533	0.74%	0.040%
53	7.047	7.041	7.071	VV	697	10393	0.06%	0.003%
54	7.085	7.071	7.173	VV	639	28487	0.17%	0.009%
55	7.188	7.173	7.247	VV	399	14453	0.09%	0.005%
56	7.276	7.247	7.326	VV	13120	202896	1.21%	0.065%
57	7.363	7.326	7.551	VV	586773	7967416	47.46%	2.571%
58	7.577	7.551	7.634	VV	4881	205195	1.22%	0.066%
59	7.646	7.634	7.654	VV	3480	37961	0.23%	0.012%
60	7.667	7.654	7.717	VV	3658	96976	0.58%	0.031%
61	7.729	7.717	7.827	VV	1860	95634	0.57%	0.031%
62	7.850	7.827	7.935	VV	1565	63026	0.38%	0.020%
63	7.957	7.935	8.018	VV	836	27930	0.17%	0.009%
64	8.032	8.018	8.070	VV	502	13156	0.08%	0.004%
65	8.086	8.070	8.114	VV	536	11972	0.07%	0.004%
66	8.129	8.114	8.179	VV	644	16998	0.10%	0.005%
67	8.192	8.179	8.220	VV	324	6680	0.04%	0.002%
68	8.241	8.220	8.278	VV	741	12014	0.07%	0.004%
69	8.299	8.278	8.326	VV	607	9223	0.05%	0.003%
70	8.334	8.326	8.355	VV	178	1916	0.01%	0.001%
71	8.367	8.355	8.393	VV	142	2539	0.02%	0.001%
72	8.402	8.393	8.434	VV	213	3079	0.02%	0.001%
73	8.457	8.434	8.482	VV	296	6008	0.04%	0.002%
74	8.497	8.482	8.511	VV	179	2617	0.02%	0.001%
75	8.553	8.511	8.641	VV	749260	7773590	46.31%	2.509%
76	8.669	8.641	8.938	VV	752425	9010328	53.68%	2.908%
77	8.968	8.938	9.269	VV	781088	9023916	53.76%	2.912%
78	9.299	9.269	9.357	VV	1120	49966	0.30%	0.016%
79	9.381	9.357	9.453	VV	1997	50057	0.30%	0.016%
80	9.467	9.453	9.508	VV	464	10319	0.06%	0.003%
81	9.515	9.508	9.543	VV	260	4726	0.03%	0.002%
82	9.559	9.543	9.658	VV	319	10316	0.06%	0.003%
83	9.665	9.658	9.672	VV	90	747	0.00%	0.000%
84	9.677	9.672	9.721	VV	154	1563	0.01%	0.001%
85	9.762	9.721	9.963	PV	661120	8783020	52.32%	2.835%
86	9.988	9.963	10.043	VV	7404	192324	1.15%	0.062%
87	10.069	10.043	10.130	VV	12684	360795	2.15%	0.116%
88	10.163	10.130	10.366	VV	693482	7840580	46.71%	2.530%
89	10.389	10.366	10.454	VV	2132	50335	0.30%	0.016%

					rteres			
90	10.533	10.454	10.614	VV	1288	55247	0.33%	0.018%
91	10.648	10.614	10.662	VV	418	7717	0.05%	0.002%
92	10.698	10.662	10.712	VV	214	5363	0.03%	0.002%
93	10.739	10.712	10.810	VV	151	5589	0.03%	0.002%
94	10.830	10.810	10.850	VV	392	4088	0.02%	0.001%
95	10.904	10.850	10.971	VV	701	13281	0.08%	0.004%
96	11.009	10.971	11.098	PV	3308	70128	0.42%	0.023%
97	11.175	11.098	11.225	PV	661536	8130353	48.43%	2.624%
98	11.253	11.225	11.393	VV	548511	8661165	51.60%	2.795%
99	11.410	11.393	11.520	VV	8273	272499	1.62%	0.088%
100	11.540	11.520	11.558	VV	2039	38869	0.23%	0.013%
101	11.610	11.558	11.797	VV	663502	7698253	45.86%	2.484%
102	11.808	11.797	11.838	VV	926	17920	0.11%	0.006%
103	11.851	11.838	11.891	VV	829	18818	0.11%	0.006%
104	11.932	11.891	12.021	VV	390315	4467137	26.61%	1.442%
105	12.042	12.021	12.089	VV	2911	78396	0.47%	0.025%
106	12.101	12.089	12.124	VV	1214	21730	0.13%	0.007%
107	12.136	12.124	12.198	VV	1005	34521	0.21%	0.011%
108	12.212	12.198	12.250	VV	764	17258	0.10%	0.006%
109	12.281	12.250	12.324	VV	966	21227	0.13%	0.007%
110	12.368	12.324	12.394	VV	1048	27782	0.17%	0.009%
111	12.408	12.394	12.455	VV	1143	23727	0.14%	0.008%
112	12.511	12.455	12.523	VV	834	28597	0.17%	0.009%
113	12.547	12.523	12.617	VV	11060	257635	1.53%	0.083%
114	12.636	12.617	12.664	VV	3136	59383	0.35%	0.019%
115	12.676	12.664	12.717	VV	1496	33624	0.20%	0.011%
116	12.742	12.717	12.791	VV	3346	62324	0.37%	0.020%
117	12.805	12.791	12.828	VV	604	9651	0.06%	0.003%
118	12.855	12.828	12.884	VV	2596	39471	0.24%	0.013%
119	12.924	12.884	12.969	VV	651309	7533489	44.88%	2.431%
120	13.004	12.969	13.131	VV	635173	8528608	50.81%	2.752%
121	13.142	13.131	13.172	VV	2804	54300	0.32%	0.018%
122	13.201	13.172	13.267	VV	7715	157358	0.94%	0.051%
123	13.303	13.267	13.344	VV	625452	8186283	48.77%	2.642%
124	13.369	13.344	13.498	VV	242929	3283587	19.56%	1.060%
125	13.537	13.498	13.634	VV	614447	7495129	44.65%	2.419%
126	13.649	13.634	13.687	VV	1355	35409	0.21%	0.011%
127	13.698	13.687	13.742	VV	984	26267	0.16%	0.008%
128	13.765	13.742	13.780	VV	1264	21038	0.13%	0.007%
129	13.795	13.780	13.854	VV	1061	36657	0.22%	0.012%
130	13.876	13.854	13.892	VV	827	14924	0.09%	0.005%
131	13.913	13.892	13.936	VV	971	19106	0.11%	0.006%
132	13.962	13.936	13.984	VV	1866	31043	0.18%	0.010%
133	14.008	13.984	14.049	VV	3239	61573	0.37%	0.020%
134	14.076	14.049	14.087	VV	1375	21883	0.13%	0.007%
135	14.124	14.087	14.225	VV	619330	7368009	43.89%	2.378%
136	14.250	14.225	14.278	VV	897	17029	0.10%	0.005%
137	14.330	14.278	14.403	VV	1527	39772	0.24%	0.013%
138	14.420	14.403	14.434	VV	221	2616	0.02%	0.001%
139	14.446	14.434	14.474	VV	210	2415	0.01%	0.001%
140	14.526	14.474	14.548	PV	1025	23812	0.14%	0.008%
141	14.562	14.548	14.577	VV	907	13181	0.08%	0.004%

					rteres			
142	14.596	14.577	14.620	VV	1659	24456	0.15%	0.008%
143	14.638	14.620	14.661	VV	689	12586	0.07%	0.004%
144	14.685	14.661	14.713	VV	4078	51655	0.31%	0.017%
145	14.750	14.713	14.772	VV	812	19305	0.12%	0.006%
146	14.796	14.772	14.815	VV	544	9872	0.06%	0.003%
147	14.840	14.815	14.861	VV	750	13309	0.08%	0.004%
148	14.877	14.861	14.891	VV	304	4771	0.03%	0.002%
149	14.905	14.891	14.935	VV	287	5270	0.03%	0.002%
150	14.965	14.935	15.025	VV	481	9817	0.06%	0.003%
151	15.035	15.025	15.046	VV	162	981	0.01%	0.000%
152	15.084	15.046	15.112	PV	575	9473	0.06%	0.003%
153	15.147	15.112	15.161	VV	1212	17380	0.10%	0.006%
154	15.194	15.161	15.210	VV	631257	7653954	45.60%	2.470%
155	15.233	15.210	15.482	VV	1081258	16786430	100.00%	5.418%
156	15.493	15.482	15.544	VV	1282	36364	0.22%	0.012%
157	15.557	15.544	15.580	VV	675	13780	0.08%	0.004%
158	15.616	15.580	15.698	VV	14094	322022	1.92%	0.104%
159	15.708	15.698	15.724	VV	1148	15978	0.10%	0.005%
160	15.748	15.724	15.789	VV	4391	77194	0.46%	0.025%
161	15.821	15.789	15.906	VV	5942	96348	0.57%	0.031%
162	15.950	15.906	15.994	VV	623	14129	0.08%	0.005%
163	16.051	15.994	16.060	PV	269	5862	0.03%	0.002%
164	16.073	16.060	16.094	VV	330	4520	0.03%	0.001%
165	16.135	16.094	16.171	VV	851	19992	0.12%	0.006%
166	16.256	16.171	16.299	VV	582440	7283218	43.39%	2.351%
167	16.320	16.299	16.368	VV	1044	18409	0.11%	0.006%
168	16.380	16.368	16.402	VV	173	1783	0.01%	0.001%
169	16.451	16.402	16.487	VV	1517	22307	0.13%	0.007%
170	16.504	16.487	16.518	VV	198	2056	0.01%	0.001%
171	16.552	16.518	16.580	PV	414	9163	0.05%	0.003%
172	16.632	16.580	16.681	VV	5667	120633	0.72%	0.039%
173	16.701	16.681	16.710	VV	1311	19778	0.12%	0.006%
174	16.765	16.710	16.780	VV	594736	8301577	49.45%	2.679%
175	16.797	16.780	17.008	VV	705321	9639389	57.42%	3.111%
176	17.041	17.008	17.074	VV	4547	79558	0.47%	0.026%
177	17.092	17.074	17.110	VV	1288	22901	0.14%	0.007%
178	17.149	17.110	17.178	VV	538822	8004222	47.68%	2.583%
179	17.206	17.178	17.424	VV	559187	8414084	50.12%	2.715%
180	17.438	17.424	17.481	VV	629	18385	0.11%	0.006%
181	17.490	17.481	17.517	VV	510	8465	0.05%	0.003%
182	17.578	17.517	17.608	VV	2773	66156	0.39%	0.021%
183	17.653	17.608	17.711	VV	9048	153042	0.91%	0.049%
184	17.735	17.711	17.791	VV	864	21498	0.13%	0.007%
185	17.801	17.791	17.814	VV	166	1906	0.01%	0.001%
186	17.869	17.814	17.898	VV	335	7766	0.05%	0.003%
187	17.983	17.898	18.008	PV	1783	34412	0.21%	0.011%
188	18.097	18.008	18.147	VV	530047	7077647	42.16%	2.284%
189	18.186	18.147	18.210	VV	2705	46552	0.28%	0.015%
190	18.233	18.210	18.244	VV	240	4520	0.03%	0.001%
191	18.271	18.244	18.290	VV	688	11758	0.07%	0.004%
192	18.325	18.290	18.348	VV	970	19232	0.11%	0.006%
193	18.363	18.348	18.389	VV	387	5563	0.03%	0.002%
194	18.419	18.389	18.433	PV	2357	31516	0.19%	0.010%

					rteres			
195	18.458	18.433	18.491	VV	6782	134178	0.80%	0.043%
196	18.534	18.491	18.548	VV	564547	8133396	48.45%	2.625%
197	18.564	18.548	18.744	VV	610106	11202450	66.74%	3.615%
198	18.791	18.744	18.891	VV	517279	9494502	56.56%	3.064%
199	18.929	18.891	19.010	VV	499916	7363589	43.87%	2.376%
200	19.026	19.010	19.068	VV	5415	138237	0.82%	0.045%
201	19.090	19.068	19.145	VV	2705	89375	0.53%	0.029%
202	19.210	19.145	19.234	VV	4209	112059	0.67%	0.036%
203	19.291	19.234	19.305	VV	8527	206291	1.23%	0.067%
204	19.324	19.305	19.384	VV	11480	251460	1.50%	0.081%
205	19.408	19.384	19.428	VV	1289	28171	0.17%	0.009%
206	19.457	19.428	19.497	VV	8954	147419	0.88%	0.048%
207	19.528	19.497	19.539	VV	2094	36631	0.22%	0.012%
208	19.566	19.539	19.611	VV	5419	139591	0.83%	0.045%
209	19.623	19.611	19.658	VV	1621	33229	0.20%	0.011%
210	19.715	19.658	19.762	VV	434983	6273872	37.37%	2.025%
211	19.787	19.762	19.807	VV	4983	98326	0.59%	0.032%
212	19.821	19.807	19.846	VV	3019	57706	0.34%	0.019%
213	19.953	19.846	20.036	VV	6599	522675	3.11%	0.169%
214	20.074	20.036	20.112	VV	10000	293003	1.75%	0.095%
215	20.189	20.112	20.216	VV	3232	192051	1.14%	0.062%
216	20.341	20.216	20.389	VV	5064	337316	2.01%	0.109%
217	20.455	20.389	20.505	VV	377095	5683977	33.86%	1.834%
218	20.617	20.505	20.651	VV	10885	547761	3.26%	0.177%
219	20.767	20.651	20.784	VV	6860	503211	3.00%	0.162%
220	20.812	20.784	20.867	VV	10829	431830	2.57%	0.139%
221	21.038	20.867	21.049	VV	7035	766331	4.57%	0.247%
222	21.108	21.049	21.142	VV	7058	382788	2.28%	0.124%
223	21.201	21.142	21.277	VV	285863	5553505	33.08%	1.792%
224	21.359	21.277	21.382	VV	6451	391652	2.33%	0.126%
225	21.404	21.382	21.444	VV	6085	221372	1.32%	0.071%
226	21.529	21.444	21.562	VV	5613	383459	2.28%	0.124%
227	21.573	21.562	21.581	VV	5251	58504	0.35%	0.019%
228	21.633	21.581	21.668	VV	6826	302908	1.80%	0.098%
229	21.679	21.668	21.744	VV	5160	217967	1.30%	0.070%
230	21.768	21.744	21.786	VV	4304	105372	0.63%	0.034%
231	21.793	21.786	21.851	VV	3982	146200	0.87%	0.047%
232	21.866	21.851	21.966	VV	3393	191810	1.14%	0.062%
233	21.981	21.966	22.039	VV	2097	78153	0.47%	0.025%
234	22.127	22.039	22.241	VV	209266	4935609	29.40%	1.593%
235	22.269	22.241	22.294	VV	372	8089	0.05%	0.003%

Sum of corrected areas: 309854095

Aliphatic EPH 112725.M Fri Dec 05 10:48:38 2025

Report of Analysis

Client:	Remington & Vernick	Date Collected:	
Project:	Saddler Property	Date Received:	
Client Sample ID:	SB-1125-3DMSD	SDG No.:	Q3742
Lab Sample ID:	Q3742-14MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.5
Sample Wt/Vol:	30.09 g	Test:	EPH_F2
Prep Method :		Final Vol:	2000 uL
		Prep Date :	12/04/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	104		1	1.29	5.65	mg/kg	FE057183.D	12/05/25 2:42	PB170826
Total EPH	Total EPH	104			1.29	5.65	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Remington & Vernick	Date Collected:	
Project:	Saddler Property	Date Received:	
Client Sample ID:	SB-1125-3DMSD	SDG No.:	Q3742
Lab Sample ID:	Q3742-14MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.5
Sample Wt/Vol:	30.09 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2
	Prep Date	12/04/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	104	1		1.29	5.65	mg/kg	12/05/25	PB170826
Aliphatic C28-C40	Aliphatic C28-C40	36.1	1		1.67	2.83	mg/kg	12/05/25	PB170826
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	20.1			40 - 140	40%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	21.2			40 - 140	42%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3742-14MSD	Acq On:	05 Dec 2025 02:42
Client Sample ID:	SB-1125-3DMSD	Operator:	YP\AJ
Data file:	FE057183.D	Misc:	
Instrument:	FID_E	ALS Vial:	33
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.194	6.819	40363173	201.156	300	ug/ml
Aliphatic C12-C16	6.820	10.265	50234565	247.245	200	ug/ml
Aliphatic C16-C21	10.266	13.639	56310013	283.941	300	ug/ml
Aliphatic C21-C28	13.640	17.309	73398432	369.306	400	ug/ml
Aliphatic C28-C40	17.310	22.235	76608381	383.234	600	ug/ml
Aliphatic EPH	3.194	22.235	296914564	1480		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	4661569	21.24		ug/ml
1-chlorooctadecane (SURR)	13.370	13.370	3343844	20.09		ug/ml
Aliphatic C9-C28	3.194	17.309	220306183	1100	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057183.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 02:42
 Operator : YP\AJ
 Sample : Q3742-14MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SB-1125-3DMSD

Integration File: autoint1.e
 Quant Time: Dec 05 04:08:02 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)	11.933	4661569	21.243 ug/ml
Spiked Amount 50.000		Recovery =	42.49%
12) S 1-chlorooctadecane (S...	13.370	3343844	20.092 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
Target Compounds			
1) T n-Nonane (C9)	3.315	6945364	35.506 ug/ml
2) T n-Decane (C10)	4.558	7131327	35.258 ug/ml
3) T A~Naphthalene (C11.7)	6.266	8385878	41.652 ug/ml
4) T n-Dodecane (C12)	6.721	7397561	36.245 ug/ml
5) T A~2-methylnaphthalene...	7.364	7322896	38.110 ug/ml
6) T n-Tetradecane (C14)	8.553	7440068	36.964 ug/ml
7) T n-Hexadecane (C16)	10.164	7357662	35.878 ug/ml
8) T n-Octadecane (C18)	11.611	7262991	35.238 ug/ml
10) T n-Eicosane (C20)	12.925	7302244	37.122 ug/ml
11) T n-Heneicosane (C21)	13.538	7196082	37.455 ug/ml
13) T n-Docosane (C22)	14.125	7157596	37.078 ug/ml
14) T n-Tetracosane (C24)	15.233	16207130	81.831 ug/ml
15) T n-Hexacosane (C26)	16.256	7094404	35.760 ug/ml
16) T n-Octacosane (C28)	17.206	8068870	39.265 ug/ml
17) T n-Tricontane (C30)	18.097	6939342	30.920 ug/ml
18) T n-Dotriacontane (C32)	18.929	6667033	28.561 ug/ml
19) T n-Tetratriacontane (C34)	19.716	6489771	30.385 ug/ml
20) T n-Hexatriacontane (C36)	20.456	6054140	32.526 ug/ml
21) T n-Octatriacontane (C38)	21.203	5899151	34.039 ug/ml
22) T n-Tetracontane (C40)	22.129	5914739	35.099 ug/ml

(f)=RT Delta > 1/2 Window

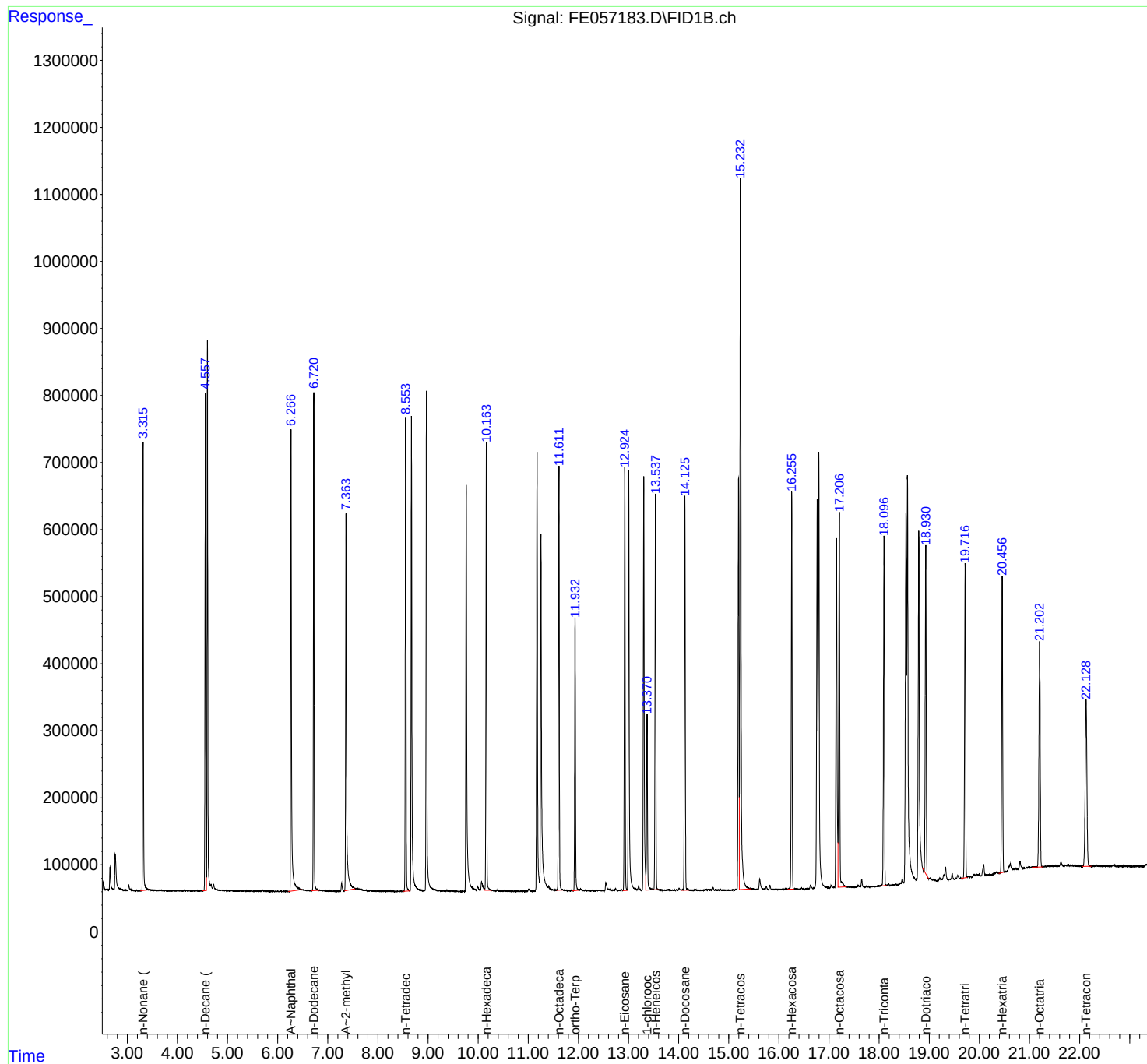
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
Data File : FE057183.D
Signal(s) : FID1B.ch
Acq On : 05 Dec 2025 02:42
Operator : YP\AJ
Sample : Q3742-14MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-3DMSD

Integration File: autoint1.e
Quant Time: Dec 05 04:08:02 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\FE120425AL\
Data File : FE057183.D
Signal(s) : FID1B.ch
Acq On : 05 Dec 2025 02:42
Sample : Q3742-14MSD
Misc :
ALS Vial : 33 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	2.654	2.591	2.733	BV	33366	460676	2.80%	0.150%
2	2.759	2.733	2.952	VV	53347	1077121	6.55%	0.351%
3	2.961	2.952	3.003	VV	465	5935	0.04%	0.002%
4	3.029	3.003	3.171	PV	8155	136763	0.83%	0.045%
5	3.187	3.171	3.284	PV	237	1632	0.01%	0.001%
6	3.315	3.284	3.445	PV	667110	7022653	42.68%	2.289%
7	3.456	3.445	3.510	VV	1654	45475	0.28%	0.015%
8	3.523	3.510	3.580	VV	962	31755	0.19%	0.010%
9	3.591	3.580	3.614	VV	688	11249	0.07%	0.004%
10	3.622	3.614	3.633	VV	663	6932	0.04%	0.002%
11	3.645	3.633	3.667	VV	741	11431	0.07%	0.004%
12	3.683	3.667	3.750	VV	740	21106	0.13%	0.007%
13	3.763	3.750	3.776	VV	307	4333	0.03%	0.001%
14	3.786	3.776	3.808	VV	325	4731	0.03%	0.002%
15	3.817	3.808	3.848	VV	307	6245	0.04%	0.002%
16	3.850	3.848	3.877	VV	299	4513	0.03%	0.001%
17	3.892	3.877	3.918	VV	373	7751	0.05%	0.003%
18	3.942	3.918	3.959	VV	407	8964	0.05%	0.003%
19	3.974	3.959	3.984	VV	361	4831	0.03%	0.002%
20	4.010	3.984	4.071	VV	414	17354	0.11%	0.006%
21	4.108	4.071	4.117	VV	428	9738	0.06%	0.003%
22	4.134	4.117	4.149	VV	609	8701	0.05%	0.003%
23	4.160	4.149	4.184	VV	365	7217	0.04%	0.002%
24	4.207	4.184	4.283	VV	709	21819	0.13%	0.007%
25	4.300	4.283	4.314	VV	586	7811	0.05%	0.003%
26	4.328	4.314	4.348	VV	533	8582	0.05%	0.003%
27	4.364	4.348	4.421	VV	418	13388	0.08%	0.004%
28	4.447	4.421	4.481	VV	423	11638	0.07%	0.004%
29	4.494	4.481	4.520	VV	393	7326	0.04%	0.002%
30	4.558	4.520	4.577	VV	743012	7152436	43.47%	2.331%
31	4.598	4.577	4.658	VV	815755	8652813	52.59%	2.820%
32	4.671	4.658	4.700	VV	10245	181692	1.10%	0.059%
33	4.721	4.700	5.268	VV	10598	477199	2.90%	0.156%
34	5.274	5.268	5.358	VV	435	19126	0.12%	0.006%
35	5.364	5.358	5.411	VV	386	10007	0.06%	0.003%
36	5.423	5.411	5.493	VV	318	12168	0.07%	0.004%

					rteres			
37	5.509	5.493	5.516	VV	243	2967	0.02%	0.001%
38	5.528	5.516	5.578	VV	308	8697	0.05%	0.003%
39	5.585	5.578	5.620	VV	229	5118	0.03%	0.002%
40	5.632	5.620	5.648	VV	259	3747	0.02%	0.001%
41	5.662	5.648	5.669	VV	235	2617	0.02%	0.001%
42	5.692	5.669	5.781	VV	1858	33847	0.21%	0.011%
43	5.790	5.781	5.808	VV	227	2643	0.02%	0.001%
44	5.813	5.808	5.832	VV	203	1865	0.01%	0.001%
45	5.841	5.832	5.886	VV	141	3552	0.02%	0.001%
46	5.899	5.886	5.949	VV	113	2906	0.02%	0.001%
47	5.958	5.949	5.981	VV	145	1443	0.01%	0.000%
48	5.990	5.981	6.112	VV	133	7270	0.04%	0.002%
49	6.123	6.112	6.148	VV	154	1617	0.01%	0.001%
50	6.166	6.148	6.207	VV	151	3006	0.02%	0.001%
51	6.221	6.207	6.235	PV	122	990	0.01%	0.000%
52	6.266	6.235	6.415	VV	681783	8462606	51.43%	2.758%
53	6.425	6.415	6.594	VV	4642	277353	1.69%	0.090%
54	6.596	6.594	6.687	VV	1602	72356	0.44%	0.024%
55	6.721	6.687	7.024	VV	742639	7657589	46.54%	2.496%
56	7.034	7.024	7.071	VV	637	15626	0.09%	0.005%
57	7.085	7.071	7.123	VV	592	14550	0.09%	0.005%
58	7.134	7.123	7.168	VV	422	9560	0.06%	0.003%
59	7.197	7.168	7.218	VV	427	9257	0.06%	0.003%
60	7.229	7.218	7.250	VV	257	4456	0.03%	0.001%
61	7.277	7.250	7.327	VV	12675	191817	1.17%	0.063%
62	7.364	7.327	7.549	VV	562504	7650682	46.50%	2.494%
63	7.576	7.549	7.631	VV	4774	200452	1.22%	0.065%
64	7.648	7.631	7.657	VV	3288	47820	0.29%	0.016%
65	7.666	7.657	7.720	VV	3427	91213	0.55%	0.030%
66	7.731	7.720	7.749	VV	1745	29154	0.18%	0.010%
67	7.758	7.749	7.828	VV	1702	59556	0.36%	0.019%
68	7.852	7.828	7.941	VV	1560	62409	0.38%	0.020%
69	7.956	7.941	7.982	VV	827	15618	0.09%	0.005%
70	7.990	7.982	8.014	VV	521	8898	0.05%	0.003%
71	8.028	8.014	8.035	VV	465	5266	0.03%	0.002%
72	8.044	8.035	8.062	VV	451	6866	0.04%	0.002%
73	8.098	8.062	8.114	VV	538	13910	0.08%	0.005%
74	8.133	8.114	8.181	VV	694	18040	0.11%	0.006%
75	8.190	8.181	8.219	VV	334	6156	0.04%	0.002%
76	8.242	8.219	8.266	VV	710	10626	0.06%	0.003%
77	8.300	8.266	8.322	VV	555	9702	0.06%	0.003%
78	8.368	8.322	8.391	VV	189	5323	0.03%	0.002%
79	8.402	8.391	8.432	VV	169	2492	0.02%	0.001%
80	8.460	8.432	8.494	VV	341	6423	0.04%	0.002%
81	8.553	8.494	8.641	VV	707462	7487595	45.51%	2.441%
82	8.669	8.641	8.934	VV	710853	8708017	52.93%	2.838%
83	8.968	8.934	9.281	VV	743599	8737870	53.11%	2.848%
84	9.302	9.281	9.361	VV	1127	46107	0.28%	0.015%
85	9.380	9.361	9.511	VV	1968	59703	0.36%	0.019%
86	9.537	9.511	9.545	VV	254	4097	0.02%	0.001%
87	9.565	9.545	9.621	VV	279	7901	0.05%	0.003%
88	9.661	9.621	9.709	VV	213	5901	0.04%	0.002%
89	9.718	9.709	9.727	VV	77	588	0.00%	0.000%

					rteres			
90	9.762	9.727	9.962	PV	610483	8518804	51.78%	2.777%
91	9.989	9.962	10.043	VV	7373	189451	1.15%	0.062%
92	10.068	10.043	10.131	VV	14511	396939	2.41%	0.129%
93	10.164	10.131	10.366	VV	669469	7575720	46.04%	2.469%
94	10.389	10.366	10.454	VV	2080	50694	0.31%	0.017%
95	10.486	10.454	10.508	VV	589	15746	0.10%	0.005%
96	10.533	10.508	10.618	VV	1395	45538	0.28%	0.015%
97	10.643	10.618	10.679	VV	381	10678	0.06%	0.003%
98	10.690	10.679	10.730	VV	265	4923	0.03%	0.002%
99	10.737	10.730	10.765	VV	104	1907	0.01%	0.001%
100	10.771	10.765	10.808	VV	156	2831	0.02%	0.001%
101	10.831	10.808	10.853	PV	359	5641	0.03%	0.002%
102	10.904	10.853	10.956	VV	778	17020	0.10%	0.006%
103	11.011	10.956	11.087	VV	3143	69681	0.42%	0.023%
104	11.175	11.087	11.226	PV	655126	7934694	48.23%	2.586%
105	11.253	11.226	11.393	VV	526450	8449636	51.36%	2.754%
106	11.410	11.393	11.523	VV	8048	272602	1.66%	0.089%
107	11.540	11.523	11.558	VV	2002	36395	0.22%	0.012%
108	11.611	11.558	11.801	VV	629299	7458728	45.33%	2.431%
109	11.809	11.801	11.832	VV	801	12448	0.08%	0.004%
110	11.853	11.832	11.882	VV	820	17054	0.10%	0.006%
111	11.933	11.882	12.022	VV	408723	4742242	28.82%	1.546%
112	12.044	12.022	12.090	VV	3081	79339	0.48%	0.026%
113	12.101	12.090	12.117	VV	1103	15211	0.09%	0.005%
114	12.132	12.117	12.147	VV	901	15273	0.09%	0.005%
115	12.157	12.147	12.194	VV	855	20666	0.13%	0.007%
116	12.213	12.194	12.250	VV	782	18594	0.11%	0.006%
117	12.281	12.250	12.324	VV	1034	21323	0.13%	0.007%
118	12.368	12.324	12.394	VV	978	25710	0.16%	0.008%
119	12.410	12.394	12.430	VV	1265	16748	0.10%	0.005%
120	12.441	12.430	12.464	VV	503	8870	0.05%	0.003%
121	12.490	12.464	12.524	VV	887	25195	0.15%	0.008%
122	12.547	12.524	12.619	VV	12456	287288	1.75%	0.094%
123	12.636	12.619	12.664	VV	3325	59658	0.36%	0.019%
124	12.680	12.664	12.721	VV	1541	37252	0.23%	0.012%
125	12.742	12.721	12.794	VV	3642	65465	0.40%	0.021%
126	12.804	12.794	12.828	VV	630	9082	0.06%	0.003%
127	12.855	12.828	12.884	VV	2906	43430	0.26%	0.014%
128	12.925	12.884	12.969	VV	630503	7327045	44.53%	2.388%
129	13.004	12.969	13.134	VV	624208	8339010	50.68%	2.718%
130	13.144	13.134	13.173	VV	2757	50736	0.31%	0.017%
131	13.201	13.173	13.261	VV	7580	150394	0.91%	0.049%
132	13.304	13.261	13.344	VV	619692	7994463	48.59%	2.606%
133	13.370	13.344	13.501	VV	263805	3459582	21.03%	1.128%
134	13.538	13.501	13.620	VV	591176	7293045	44.33%	2.377%
135	13.649	13.620	13.688	VV	1338	46153	0.28%	0.015%
136	13.697	13.688	13.747	VV	976	26964	0.16%	0.009%
137	13.766	13.747	13.778	VV	1266	19150	0.12%	0.006%
138	13.795	13.778	13.858	VV	1186	41611	0.25%	0.014%
139	13.874	13.858	13.898	VV	892	16106	0.10%	0.005%
140	13.915	13.898	13.937	VV	963	17883	0.11%	0.006%
141	13.962	13.937	13.985	VV	1930	32110	0.20%	0.010%

rteres								
142	14.008	13.985	14.052	VV	3816	68280	0.41%	0.022%
143	14.078	14.052	14.088	VV	1530	23879	0.15%	0.008%
144	14.125	14.088	14.231	VV	585131	7192304	43.71%	2.344%
145	14.251	14.231	14.281	VV	942	16820	0.10%	0.005%
146	14.330	14.281	14.399	VV	1557	41243	0.25%	0.013%
147	14.417	14.399	14.433	VV	244	3735	0.02%	0.001%
148	14.451	14.433	14.469	VV	129	2032	0.01%	0.001%
149	14.528	14.469	14.548	PV	1121	26197	0.16%	0.009%
150	14.563	14.548	14.577	VV	1012	14809	0.09%	0.005%
151	14.596	14.577	14.621	VV	1855	27831	0.17%	0.009%
152	14.641	14.621	14.664	VV	835	15707	0.10%	0.005%
153	14.685	14.664	14.712	VV	4459	57487	0.35%	0.019%
154	14.751	14.712	14.781	VV	1093	25529	0.16%	0.008%
155	14.796	14.781	14.818	VV	602	10257	0.06%	0.003%
156	14.839	14.818	14.857	VV	940	13098	0.08%	0.004%
157	14.874	14.857	14.884	VV	405	5181	0.03%	0.002%
158	14.898	14.884	14.941	VV	415	9556	0.06%	0.003%
159	14.963	14.941	15.008	VV	609	12121	0.07%	0.004%
160	15.033	15.008	15.051	VV	230	3011	0.02%	0.001%
161	15.083	15.051	15.108	PV	692	11764	0.07%	0.004%
162	15.148	15.108	15.160	VV	1513	22320	0.14%	0.007%
163	15.195	15.160	15.211	VV	615750	7503528	45.61%	2.446%
164	15.233	15.211	15.551	VV	1063828	16453015	100.00%	5.363%
165	15.563	15.551	15.576	VV	811	10903	0.07%	0.004%
166	15.617	15.576	15.692	VV	16076	353970	2.15%	0.115%
167	15.706	15.692	15.723	VV	1163	20087	0.12%	0.007%
168	15.749	15.723	15.791	VV	4898	84775	0.52%	0.028%
169	15.821	15.791	15.868	VV	6623	103007	0.63%	0.034%
170	15.877	15.868	15.908	VV	311	5480	0.03%	0.002%
171	15.951	15.908	15.998	VV	601	14340	0.09%	0.005%
172	16.009	15.998	16.024	VV	88	986	0.01%	0.000%
173	16.072	16.024	16.094	VV	306	6220	0.04%	0.002%
174	16.140	16.094	16.181	VV	867	23719	0.14%	0.008%
175	16.256	16.181	16.300	VV	581193	7116758	43.26%	2.320%
176	16.320	16.300	16.361	VV	1094	19347	0.12%	0.006%
177	16.370	16.361	16.401	VV	205	3104	0.02%	0.001%
178	16.451	16.401	16.491	VV	1541	24068	0.15%	0.008%
179	16.502	16.491	16.518	PV	210	1732	0.01%	0.001%
180	16.550	16.518	16.584	PV	497	10334	0.06%	0.003%
181	16.633	16.584	16.678	VV	6219	125838	0.76%	0.041%
182	16.699	16.678	16.709	VV	1382	20694	0.13%	0.007%
183	16.765	16.709	16.780	VV	580781	8106534	49.27%	2.642%
184	16.797	16.780	17.008	VV	651270	9436255	57.35%	3.076%
185	17.041	17.008	17.071	VV	4288	73862	0.45%	0.024%
186	17.092	17.071	17.110	VV	1110	23415	0.14%	0.008%
187	17.149	17.110	17.178	VV	523281	7794962	47.38%	2.541%
188	17.206	17.178	17.422	VV	551208	8258361	50.19%	2.692%
189	17.440	17.422	17.458	VV	759	13182	0.08%	0.004%
190	17.489	17.458	17.516	VV	457	13614	0.08%	0.004%
191	17.545	17.516	17.554	VV	783	11654	0.07%	0.004%
192	17.579	17.554	17.612	VV	2988	61286	0.37%	0.020%
193	17.653	17.612	17.708	VV	11967	182100	1.11%	0.059%
194	17.736	17.708	17.772	VV	846	18932	0.12%	0.006%

					rteres			
195	17.782	17.772	17.821	VV	172	2724	0.02%	0.001%
196	17.868	17.821	17.894	PV	337	6067	0.04%	0.002%
197	17.983	17.894	18.009	PV	1659	29372	0.18%	0.010%
198	18.097	18.009	18.151	VV	516275	6969037	42.36%	2.272%
199	18.186	18.151	18.211	VV	2990	46391	0.28%	0.015%
200	18.269	18.211	18.284	VV	600	12937	0.08%	0.004%
201	18.325	18.284	18.348	VV	1076	21491	0.13%	0.007%
202	18.365	18.348	18.387	VV	477	5587	0.03%	0.002%
203	18.420	18.387	18.434	PV	2725	36017	0.22%	0.012%
204	18.460	18.434	18.490	VV	7608	149569	0.91%	0.049%
205	18.535	18.490	18.548	VV	550281	8034358	48.83%	2.619%
206	18.565	18.548	18.750	VV	609753	11054255	67.19%	3.603%
207	18.791	18.750	18.890	VV	521983	9278483	56.39%	3.024%
208	18.929	18.890	18.997	VV	499081	7383096	44.87%	2.406%
209	19.025	18.997	19.064	VV	5359	173353	1.05%	0.057%
210	19.091	19.064	19.144	VV	2952	98056	0.60%	0.032%
211	19.209	19.144	19.241	VV	4312	122264	0.74%	0.040%
212	19.290	19.241	19.300	VV	8903	165231	1.00%	0.054%
213	19.324	19.300	19.381	VV	19963	391132	2.38%	0.127%
214	19.409	19.381	19.431	VV	1257	31126	0.19%	0.010%
215	19.457	19.431	19.503	VV	9592	162076	0.99%	0.053%
216	19.527	19.503	19.540	VV	1934	28206	0.17%	0.009%
217	19.568	19.540	19.608	VV	5583	124998	0.76%	0.041%
218	19.621	19.608	19.658	VV	1503	25582	0.16%	0.008%
219	19.716	19.658	19.763	PV	466261	6578710	39.98%	2.144%
220	19.787	19.763	19.808	VV	3534	66781	0.41%	0.022%
221	19.825	19.808	19.848	VV	2213	40789	0.25%	0.013%
222	19.901	19.848	19.921	VV	4427	150195	0.91%	0.049%
223	19.949	19.921	19.978	VV	4676	137528	0.84%	0.045%
224	19.997	19.978	20.031	VV	4149	99483	0.60%	0.032%
225	20.085	20.031	20.135	VV	18463	451702	2.75%	0.147%
226	20.151	20.135	20.166	VV	2502	43633	0.27%	0.014%
227	20.194	20.166	20.219	VV	2634	73698	0.45%	0.024%
228	20.275	20.219	20.286	VV	2711	93800	0.57%	0.031%
229	20.342	20.286	20.391	VV	4986	244309	1.48%	0.080%
230	20.456	20.391	20.498	VV	447699	6280602	38.17%	2.047%
231	20.618	20.498	20.661	VV	15118	794437	4.83%	0.259%
232	20.675	20.661	20.703	VV	7531	175568	1.07%	0.057%
233	20.727	20.703	20.745	VV	7366	173685	1.06%	0.057%
234	20.765	20.745	20.778	VV	7013	133777	0.81%	0.044%
235	20.811	20.778	20.868	VV	17208	565487	3.44%	0.184%
236	20.889	20.868	20.907	VV	7208	167456	1.02%	0.055%
237	20.989	20.907	20.997	VV	7447	382670	2.33%	0.125%
238	21.006	20.997	21.025	VV	7370	121462	0.74%	0.040%
239	21.055	21.025	21.074	VV	7327	207975	1.26%	0.068%
240	21.106	21.074	21.143	VV	7787	302298	1.84%	0.099%
241	21.203	21.143	21.271	VV	343244	6389103	38.83%	2.083%
242	21.304	21.271	21.333	VV	6611	234238	1.42%	0.076%
243	21.400	21.333	21.433	VV	6459	384161	2.33%	0.125%
244	21.462	21.433	21.481	VV	6050	171049	1.04%	0.056%
245	21.525	21.481	21.558	VV	5987	260097	1.58%	0.085%
246	21.568	21.558	21.588	VV	5357	94118	0.57%	0.031%

						rters		
247	21.630	21.588	21.703	VV	10211	450095	2.74%	0.147%
248	21.758	21.703	21.791	VV	4742	245847	1.49%	0.080%
249	21.805	21.791	21.818	VV	4393	70220	0.43%	0.023%
250	21.822	21.818	21.836	VV	4207	45915	0.28%	0.015%
251	21.853	21.836	21.908	VV	4003	156871	0.95%	0.051%
252	21.923	21.908	21.965	VV	2966	91276	0.55%	0.030%
253	21.999	21.965	22.058	VV	2284	100943	0.61%	0.033%
254	22.129	22.058	22.232	VV	249669	5976227	36.32%	1.948%
					Sum of corrected areas:	306798515		

Aliphatic EPH 112725.M Fri Dec 05 10:48:58 2025

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

Manual Integration Report

Sequence:

FE120425AL

Instrument

FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3753-02	FE057165.D	1-chlorooctadecane (SURRE)	rahul	12/5/2025 9:21:30 AM	mohammad	12/8/2025 2:13:32	Peak Integrated by Software
Q3753-02	FE057165.D	ortho-Terphenyl (SURRE)	rahul	12/5/2025 9:21:30 AM	mohammad	12/8/2025 2:13:32	Peak Integrated by Software
Q3753-02D	FE057166.D	1-chlorooctadecane (SURRE)	rahul	12/5/2025 9:21:32 AM	mohammad	12/8/2025 2:13:32	Peak Integrated by Software
Q3753-02D	FE057166.D	ortho-Terphenyl (SURRE)	rahul	12/5/2025 9:21:32 AM	mohammad	12/8/2025 2:13:32	Peak Integrated by Software
Q3753-02MS	FE057167.D	1-chlorooctadecane (SURRE)	rahul	12/5/2025 9:21:42 AM	mohammad	12/8/2025 2:13:32	Peak Integrated by Software
Q3753-02MS	FE057167.D	n-Eicosane (C20)	rahul	12/5/2025 9:21:42 AM	mohammad	12/8/2025 2:13:32	Peak Integrated by Software
Q3753-02MS	FE057167.D	n-Octadecane (C18)	rahul	12/5/2025 9:21:42 AM	mohammad	12/8/2025 2:13:32	Peak Integrated by Software
Q3753-02MS	FE057167.D	ortho-Terphenyl (SURRE)	rahul	12/5/2025 9:21:42 AM	mohammad	12/8/2025 2:13:32	Peak Integrated by Software
Q3753-02MSD	FE057168.D	1-chlorooctadecane (SURRE)	rahul	12/5/2025 9:21:47 AM	mohammad	12/8/2025 2:13:32	Peak Integrated by Software
Q3753-02MSD	FE057168.D	n-Octadecane (C18)	rahul	12/5/2025 9:21:47 AM	mohammad	12/8/2025 2:13:32	Peak Integrated by Software
Q3753-02MSD	FE057168.D	ortho-Terphenyl (SURRE)	rahul	12/5/2025 9:21:47 AM	mohammad	12/8/2025 2:13:32	Peak Integrated by Software
Q3753-04	FE057169.D	1-chlorooctadecane (SURRE)	rahul	12/5/2025 9:21:50 AM	mohammad	12/8/2025 2:13:32	Peak Integrated by Software
Q3753-04	FE057169.D	ortho-Terphenyl (SURRE)	rahul	12/5/2025 9:21:50 AM	mohammad	12/8/2025 2:13:32	Peak Integrated by Software



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

Manual Integration Report

Sequence:

FE120425AL

Instrument

FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3770-01	FE057185.D	ortho-Terphenyl (SURR)	rahul	12/5/2025 12:32:55 PM	mohammad	12/8/2025 2:13:32	Peak Integrated by Software

Manual Integration Report

Sequence:

FE120925AL

Instrument

FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170866BS	FE057239.D	n-Octacosane (C28)	yogesh	12/10/2025 12:50:50 AM	mohammad	12/10/2025 1:01:17	Peak Integrated by Software
PB170866BSD	FE057240.D	n-Octacosane (C28)	yogesh	12/10/2025 12:50:52 AM	mohammad	12/10/2025 1:01:17	Peak Integrated by Software
Q3795-05MS	FE057247.D	n-Octacosane (C28)	yogesh	12/10/2025 12:50:55 AM	mohammad	12/10/2025 1:01:17	Peak Integrated by Software
Q3795-05MSD	FE057248.D	n-Octacosane (C28)	yogesh	12/10/2025 12:50:57 AM	mohammad	12/10/2025 1:01:17	Peak Integrated by Software

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch 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 Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

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

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE120425AL

Review By	rahul	Review On	12/4/2025 2:12:27 PM
Supervise By	mohammad	Supervise On	12/8/2025 2:13:32 AM
SubDirectory	FE120425AL	HP Acquire Method	HP Processing Method FE112725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24771 PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE057156.D	04 Dec 2025 12:04	YP\AJ	Ok
2	I.BLK	FE057157.D	04 Dec 2025 12:34	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE057158.D	04 Dec 2025 13:04	YP\AJ	Ok
4	Q3767-01	FE057159.D	04 Dec 2025 13:38	YP\AJ	ReRun
5	Q3767-02	FE057160.D	04 Dec 2025 14:09	YP\AJ	ReRun
6	Q3768-01	FE057161.D	04 Dec 2025 14:39	YP\AJ	Dilution
7	Q3768-02	FE057162.D	04 Dec 2025 15:10	YP\AJ	Dilution
8	Q3768-01DL	FE057163.D	04 Dec 2025 15:40	YP\AJ	Ok
9	Q3768-02DL	FE057164.D	04 Dec 2025 16:10	YP\AJ	Ok
10	Q3753-02	FE057165.D	04 Dec 2025 16:40	YP\AJ	Dilution
11	Q3753-02D	FE057166.D	04 Dec 2025 17:10	YP\AJ	Ok,M
12	Q3753-02MS	FE057167.D	04 Dec 2025 17:40	YP\AJ	Ok,M
13	Q3753-02MSD	FE057168.D	04 Dec 2025 18:10	YP\AJ	Ok,M
14	Q3753-04	FE057169.D	04 Dec 2025 18:40	YP\AJ	Dilution
15	I.BLK	FE057170.D	04 Dec 2025 19:40	YP\AJ	Ok
16	20 PPM ALIPHATIC HC STD	FE057171.D	04 Dec 2025 20:10	YP\AJ	Ok
17	PB170824BL	FE057172.D	04 Dec 2025 21:11	YP\AJ	Ok
18	PB170826BL	FE057173.D	04 Dec 2025 21:41	YP\AJ	Ok
19	PB170826BS	FE057174.D	04 Dec 2025 22:11	YP\AJ	Ok
20	PB170826BSD	FE057175.D	04 Dec 2025 22:40	YP\AJ	Ok
21	Q3742-03	FE057176.D	04 Dec 2025 23:11	YP\AJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE120425AL

Review By	rahul	Review On	12/4/2025 2:12:27 PM
Supervise By	mohammad	Supervise On	12/8/2025 2:13:32 AM
SubDirectory	FE120425AL	HP Acquire Method	HP Processing Method FE112725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24771 PP24769,PP24774		

22	Q3742-04	FE057177.D	04 Dec 2025 23:41	YP\AJ	Ok
23	Q3742-11	FE057178.D	05 Dec 2025 00:11	YP\AJ	Ok
24	Q3742-12	FE057179.D	05 Dec 2025 00:41	YP\AJ	Ok
25	Q3742-13	FE057180.D	05 Dec 2025 01:12	YP\AJ	ReRun
26	Q3742-14	FE057181.D	05 Dec 2025 01:42	YP\AJ	Ok
27	Q3742-14MS	FE057182.D	05 Dec 2025 02:12	YP\AJ	Ok
28	Q3742-14MSD	FE057183.D	05 Dec 2025 02:42	YP\AJ	Ok
29	Q3742-15	FE057184.D	05 Dec 2025 03:12	YP\AJ	Ok
30	Q3770-01	FE057185.D	05 Dec 2025 03:42	YP\AJ	Dilution
31	I.BLK	FE057186.D	05 Dec 2025 10:52	YP\AJ	Ok
32	20 PPM ALIPHATIC HC STD	FE057187.D	05 Dec 2025 11:23	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE120925AL

Review By	yogesh	Review On	12/10/2025 12:51:07 AM
Supervise By	mohammad	Supervise On	12/10/2025 1:01:17 AM
SubDirectory	FE120925AL	HP Acquire Method	HP Processing Method FE112725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24771 PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE057235.D	09 Dec 2025 07:47	YP\AJ	Ok
2	I.BLK	FE057236.D	09 Dec 2025 08:17	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE057237.D	09 Dec 2025 09:23	YP\AJ	Ok
4	PB170866BL	FE057238.D	09 Dec 2025 09:54	YP\AJ	Ok
5	PB170866BS	FE057239.D	09 Dec 2025 10:24	YP\AJ	Ok,M
6	PB170866BSD	FE057240.D	09 Dec 2025 10:54	YP\AJ	Ok,M
7	Q3806-02	FE057241.D	09 Dec 2025 11:24	YP\AJ	Ok
8	Q3806-04	FE057242.D	09 Dec 2025 11:54	YP\AJ	Ok
9	Q3806-05	FE057243.D	09 Dec 2025 12:24	YP\AJ	Ok
10	Q3742-13	FE057244.D	09 Dec 2025 12:54	YP\AJ	Ok
11	Q3795-05	FE057245.D	09 Dec 2025 13:25	YP\AJ	Ok
12	Q3795-05D	FE057246.D	09 Dec 2025 13:55	YP\AJ	Ok
13	Q3795-05MS	FE057247.D	09 Dec 2025 14:25	YP\AJ	Ok,M
14	Q3795-05MSD	FE057248.D	09 Dec 2025 14:55	YP\AJ	Ok,M
15	I.BLK	FE057249.D	09 Dec 2025 15:55	YP\AJ	Ok
16	20 PPM ALIPHATIC HC STD	FE057250.D	09 Dec 2025 16:26	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch 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 Internal Standard/PEM	PP24771
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774

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 HC	100 PPM ALIPHATIC HC	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

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE120425AL

Review By	rahul	Review On	12/4/2025 2:12:27 PM
Supervise By	mohammad	Supervise On	12/8/2025 2:13:32 AM
SubDirectory	FE120425AL	HP Acquire Method	HP Processing Method FE112725AL

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

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE057156.D	04 Dec 2025 12:04		YP\AJ	Ok
2	I.BLK	I.BLK	FE057157.D	04 Dec 2025 12:34		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057158.D	04 Dec 2025 13:04		YP\AJ	Ok
4	Q3767-01	346	FE057159.D	04 Dec 2025 13:38	Surrogate Fail	YP\AJ	ReRun
5	Q3767-02	346-EPH-2	FE057160.D	04 Dec 2025 14:09	Surrogate Fail	YP\AJ	ReRun
6	Q3768-01	20071	FE057161.D	04 Dec 2025 14:39	Need 500X	YP\AJ	Dilution
7	Q3768-02	20071-EPH-2	FE057162.D	04 Dec 2025 15:10	Need 100X	YP\AJ	Dilution
8	Q3768-01DL	20071DL	FE057163.D	04 Dec 2025 15:40		YP\AJ	Ok
9	Q3768-02DL	20071-EPH-2DL	FE057164.D	04 Dec 2025 16:10		YP\AJ	Ok
10	Q3753-02	MOO-25-334-337	FE057165.D	04 Dec 2025 16:40	Need 20X	YP\AJ	Dilution
11	Q3753-02D	Q3753-02D	FE057166.D	04 Dec 2025 17:10		YP\AJ	Ok,M
12	Q3753-02MS	MOO-25-334-337MS	FE057167.D	04 Dec 2025 17:40	FE057165.D	YP\AJ	Ok,M
13	Q3753-02MSD	MOO-25-334-337MSD	FE057168.D	04 Dec 2025 18:10	FE057165.D!FE057167.D	YP\AJ	Ok,M
14	Q3753-04	AR520-0002	FE057169.D	04 Dec 2025 18:40	Need 20X	YP\AJ	Dilution
15	I.BLK	I.BLK	FE057170.D	04 Dec 2025 19:40		YP\AJ	Ok
16	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057171.D	04 Dec 2025 20:10		YP\AJ	Ok
17	PB170824BL	PB170824BL	FE057172.D	04 Dec 2025 21:11		YP\AJ	Ok
18	PB170826BL	PB170826BL	FE057173.D	04 Dec 2025 21:41		YP\AJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE120425AL

Review By	rahul	Review On	12/4/2025 2:12:27 PM
Supervise By	mohammad	Supervise On	12/8/2025 2:13:32 AM
SubDirectory	FE120425AL	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	PB170826BS	PB170826BS	FE057174.D	04 Dec 2025 22:11		YPIAJ	Ok
20	PB170826BSD	PB170826BSD	FE057175.D	04 Dec 2025 22:40		YPIAJ	Ok
21	Q3742-03	SB-1125-8	FE057176.D	04 Dec 2025 23:11		YPIAJ	Ok
22	Q3742-04	SB-1125-9	FE057177.D	04 Dec 2025 23:41		YPIAJ	Ok
23	Q3742-11	SB-1125-3A	FE057178.D	05 Dec 2025 00:11		YPIAJ	Ok
24	Q3742-12	SB-1125-3B	FE057179.D	05 Dec 2025 00:41		YPIAJ	Ok
25	Q3742-13	SB-1125-3C	FE057180.D	05 Dec 2025 01:12	Surrogate Fail	YPIAJ	ReRun
26	Q3742-14	SB-1125-3D	FE057181.D	05 Dec 2025 01:42	Surrogate Fail,Confirm in MS-MSD	YPIAJ	Ok
27	Q3742-14MS	SB-1125-3DMS	FE057182.D	05 Dec 2025 02:12	FE057181.D	YPIAJ	Ok
28	Q3742-14MSD	SB-1125-3DMSD	FE057183.D	05 Dec 2025 02:42	FE057181.D!FE057182.D	YPIAJ	Ok
29	Q3742-15	SB-1125-3E	FE057184.D	05 Dec 2025 03:12		YPIAJ	Ok
30	Q3770-01	4207	FE057185.D	05 Dec 2025 03:42	Need 20X	YPIAJ	Dilution
31	I.BLK	I.BLK	FE057186.D	05 Dec 2025 10:52		YPIAJ	Ok
32	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057187.D	05 Dec 2025 11:23		YPIAJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE120925AL

Review By	yogesh	Review On	12/10/2025 12:51:07 AM
Supervise By	mohammad	Supervise On	12/10/2025 1:01:17 AM
SubDirectory	FE120925AL	HP Acquire Method	HP Processing Method FE112725AL

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

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE057235.D	09 Dec 2025 07:47		YP\AJ	Ok
2	I.BLK	I.BLK	FE057236.D	09 Dec 2025 08:17		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057237.D	09 Dec 2025 09:23		YP\AJ	Ok
4	PB170866BL	PB170866BL	FE057238.D	09 Dec 2025 09:54		YP\AJ	Ok
5	PB170866BS	PB170866BS	FE057239.D	09 Dec 2025 10:24		YP\AJ	Ok,M
6	PB170866BSD	PB170866BSD	FE057240.D	09 Dec 2025 10:54		YP\AJ	Ok,M
7	Q3806-02	TR-01-12-5-2025	FE057241.D	09 Dec 2025 11:24		YP\AJ	Ok
8	Q3806-04	TR-05-12-5-2025	FE057242.D	09 Dec 2025 11:54		YP\AJ	Ok
9	Q3806-05	TR-05-12-5-2025	FE057243.D	09 Dec 2025 12:24		YP\AJ	Ok
10	Q3742-13	SB-1125-3C	FE057244.D	09 Dec 2025 12:54		YP\AJ	Ok
11	Q3795-05	RBR 200059	FE057245.D	09 Dec 2025 13:25		YP\AJ	Ok
12	Q3795-05D	Q3795-05D	FE057246.D	09 Dec 2025 13:55		YP\AJ	Ok
13	Q3795-05MS	RBR 200059MS	FE057247.D	09 Dec 2025 14:25	FE057245.D	YP\AJ	Ok,M
14	Q3795-05MSD	RBR 200059MSD	FE057248.D	09 Dec 2025 14:55	FE057245.D\FE057247.D	YP\AJ	Ok,M
15	I.BLK	I.BLK	FE057249.D	09 Dec 2025 15:55		YP\AJ	Ok
16	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057250.D	09 Dec 2025 16:26		YP\AJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 12/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 12/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB138066

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
Q3741-01	B50-SP3-111925	1	1.15	10.38	11.53	10.66	91.6	
Q3741-02	B50-SP13-112025	2	1.18	10.33	11.51	10.1	86.4	
Q3741-03	B50-SP14-112025	3	1.19	10.25	11.44	10.14	87.3	
Q3741-04	B50-SP9-112425	4	1.16	10.61	11.77	10.2	85.2	
Q3741-05	B50-SP11-112525	5	1.16	10.47	11.63	10.02	84.6	
Q3741-06	B50-SP4-112525	6	1.18	10.50	11.68	10.2	85.9	
Q3742-01	SB-1125-23	7	1.11	10.61	11.72	8.55	70.1	
Q3742-02	SB-1125-19	8	1.19	11.07	12.26	5.72	40.9	
Q3742-03	SB-1125-8	9	1.17	10.55	11.72	10.16	85.2	
Q3742-04	SB-1125-9	10	1.19	10.57	11.76	9.5	78.6	
Q3742-05	SB-1125-21	11	1.16	10.61	11.77	9.6	79.5	
Q3742-06	SB-1125-13	12	1.18	10.18	11.36	9.88	85.5	
Q3742-07	SB-1125-18	13	1.11	10.19	11.3	8.07	68.3	
Q3742-08	SB-1125-20	14	1.15	10.84	11.99	9.86	80.4	
Q3742-09	SB-1125-22	15	1.12	10.90	12.02	9.05	72.8	
Q3742-10	SB-1125-2	16	1.16	10.76	11.92	9.38	76.4	
Q3742-11	SB-1125-3A	17	1.19	10.58	11.77	8.93	73.2	
Q3742-12	SB-1125-3B	18	1.17	10.50	11.67	10.55	89.3	
Q3742-13	SB-1125-3C	19	1.16	10.50	11.66	9.31	77.6	
Q3742-14	SB-1125-3D	20	1.13	10.45	11.58	8.5	70.5	
Q3742-14D	SB-1125-3DDUP	21	1.15	10.45	11.6	8.53	70.6	
Q3742-15	SB-1125-3E	22	1.13	10.39	11.52	8.05	66.6	
Q3742-16	SB-1125-1	23	1.19	10.33	11.52	8.78	73.5	
Q3742-17	SB-1125-25	24	1.18	11.18	12.36	8.26	63.3	
Q3742-18	SB-1125-24	25	1.15	10.90	12.05	7.99	62.8	
Q3745-05	SVOC-GPC-BLANK	31	1.00	1.00	2.00	2.00	100.0	
Q3745-06	PEST-GPC-BLANK	32	1.00	1.00	2.00	2.00	100.0	
Q3745-07	PEST-GPC-BLANK-SPIKE	33	1.00	1.00	2.00	2.00	100.0	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 12/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 12/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB138066

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
Q3745-08	SVOC-GPC2-BLANK	34	1.00	1.00	2.00	2.00	100.0	
Q3745-09	PEST-GPC2-BLANK	35	1.00	1.00	2.00	2.00	100.0	
Q3745-10	PEST -GPC2-BLANK-SPIKE	36	1.00	1.00	2.00	2.00	100.0	
Q3746-01	ROW	26	1.15	10.84	11.99	8.59	68.6	
Q3746-02	ROW-E2	27	1.14	10.58	11.72	5.2	38.4	
Q3747-01	1	28	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3747-02	2	29	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3747-03	3	30	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3748-01	AU-05-12-1-2025	37	1.18	10.75	11.93	11.03	91.6	
Q3748-02	AU-05-12-1-2025	38	1.18	10.55	11.73	10.88	91.9	
Q3750-01	FENCE WC-1	39	1.15	10.77	11.92	10.5	86.8	
Q3750-02	FENCE WC-1-EPH	40	1.19	10.31	11.5	10.15	86.9	
Q3750-03	FENCE WC-1-VOC	41	1.16	10.58	11.74	9.72	80.9	
Q3750-04	FENCE WC-2	42	1.11	10.51	11.62	10.2	86.5	
Q3750-05	FENCE WC-2-EPH	43	1.13	10.21	11.34	9.97	86.6	
Q3750-06	FENCE WC-2-VOC	44	1.19	10.38	11.57	10.52	89.9	

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

WORKLIST(Hardcopy Internal Chain)

128066

WorkList Name : %1-120125

WorkList ID : 193391

Department : Wet-Chemistry

Date : 12-01-2025 08:55:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3741-01	B50-SP3-111925	Solid	Percent Solids	Cool 4 deg C	CORE02	--Sele	11/19/2025	Chemtech -SO
Q3741-02	B50-SP13-112025	Solid	Percent Solids	Cool 4 deg C	CORE02	--Sele	11/20/2025	Chemtech -SO
Q3741-03	B50-SP14-112025	Solid	Percent Solids	Cool 4 deg C	CORE02	--Sele	11/20/2025	Chemtech -SO
Q3741-04	B50-SP9-112425	Solid	Percent Solids	Cool 4 deg C	CORE02	--Sele	11/24/2025	Chemtech -SO
Q3741-05	B50-SP11-112525	Solid	Percent Solids	Cool 4 deg C	CORE02	--Sele	11/25/2025	Chemtech -SO
Q3741-06	B50-SP4-112525	Solid	Percent Solids	Cool 4 deg C	CORE02	--Sele	11/25/2025	Chemtech -SO
Q3742-01	SB-1125-23	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/6025	Chemtech -SO
Q3742-02	SB-1125-19	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-03	SB-1125-8	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-04	SB-1125-9	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-05	SB-1125-21	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-06	SB-1125-13	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-07	SB-1125-18	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-08	SB-1125-20	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-09	SB-1125-22	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-10	SB-1125-2	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-11	SB-1125-3A	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-12	SB-1125-3B	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-13	SB-1125-3C	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-14	SB-1125-3D	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-15	SB-1125-3E	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO

Date/Time 12/01/25 15:13
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 12/01/25 17:40
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

g 172066

WorkList Name : %1-120125

WorkList ID : 193391

Department : Wet-Chemistry

Date : 12-01-2025 08:55:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3742-16	SB-1125-1	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-17	SB-1125-25	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3742-18	SB-1125-24	Solid	Percent Solids	Cool 4 deg C	REMI01	A21	11/25/2025	Chemtech -SO
Q3745-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A12	11/21/2025	Chemtech -SO
Q3745-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A12	11/21/2025	Chemtech -SO
Q3745-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	A12	11/21/2025	Chemtech -SO
Q3745-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A12	11/21/2025	Chemtech -SO
Q3745-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A12	11/21/2025	Chemtech -SO
Q3745-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	A12	11/21/2025	Chemtech -SO
Q3746-01	ROW	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/02/2025	Chemtech -SO
Q3746-02	ROW-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/02/2025	Chemtech -SO
Q3747-01	1	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	12/01/2025	Chemtech -SO
Q3747-02	2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	12/01/2025	Chemtech -SO
Q3747-03	3	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	12/01/2025	Chemtech -SO
Q3748-01	AU-05-12-1-2025	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	12/01/2025	Chemtech -SO
Q3748-02	AU-05-12-1-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	A12	12/01/2025	Chemtech -SO
Q3750-01	FENCE WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/01/2025	Chemtech -SO
Q3750-02	FENCE WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/01/2025	Chemtech -SO
Q3750-03	FENCE WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/01/2025	Chemtech -SO
Q3750-04	FENCE WC-2	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/01/2025	Chemtech -SO
Q3750-05	FENCE WC-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/01/2025	Chemtech -SO

Date/Time 12/01/25 15:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 12/01/25 17:40
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

138066

WorkList Name : %1-120125

WorkList ID : 193391

Department : Wet-Chemistry

Date : 12-01-2025 08:55:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3750-06	FENCE WC-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/01/2025	Chemtech -SO

Date/Time 12/01/25 13:15
 Raw Sample Received by: SB WPC
 Raw Sample Relinquished by: CR 8

Date/Time 12/01/25 17:40
 Raw Sample Received by: CR 8
 Raw Sample Relinquished by: SB WPC

SOP ID:	M3541-ASE Extraction-15		
Clean Up SOP #:	N/A	Extraction Start Date :	12/04/2025
Matrix :	Solid	Extraction Start Time :	10:20
Weigh By:	RJ	Extraction By:	RJ
Balance check:	RJ	Filter By:	RJ
Balance ID:	EX-SC-2	pH Meter ID:	N/A
pH Strip Lot#:	N/A	Hood ID:	3,7
Extraction Method:	☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet		
Extraction End Date :	12/04/2025		
Extraction End Time :	13:25		
Concentration By:	RS		
Supervisor By :	RUPESH		

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP25078
Surrogate	1.0ML	100 PPM	PP25012
10PPM	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2659
Baked Na2SO4	N/A	EP2663
Sand	N/A	E3951
Methylene Chloride	N/A	E3986
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

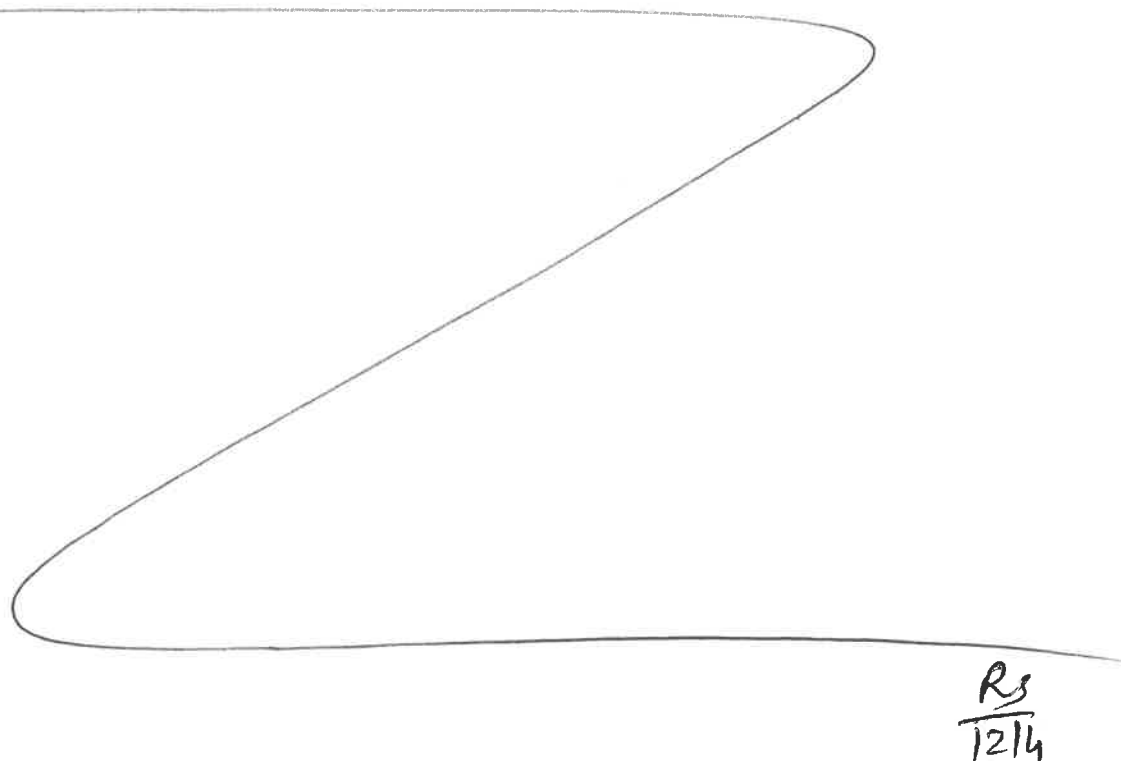
KD Bath ID:	N/A	Envap ID:	N-EVAP-02
KD Bath Temperature:	N/A	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/4/25	RS (Ext Lab)	RS - Pest/PCB Lab
13:30	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 12/04/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170826BL	PB170826BL	EPH_F2	30.02	N/A	ritesh	RUPESH	2			U2-1
PB170826BS	PB170826BS	EPH_F2	30.01	N/A	ritesh	RUPESH	2			2
PB170826BSD	PB170826BSD	EPH_F2	30.03	N/A	ritesh	RUPESH	2			3
Q3742-03	SB-1125-8	EPH_F2	30.04	N/A	ritesh	RUPESH	2	E		4
Q3742-04	SB-1125-9	EPH_F2	30.08	N/A	ritesh	RUPESH	2	E		5
Q3742-11	SB-1125-3A	EPH_F2	30.06	N/A	ritesh	RUPESH	2			6
Q3742-12	SB-1125-3B	EPH_F2	30.05	N/A	ritesh	RUPESH	2			U1-1
Q3742-13	SB-1125-3C	EPH_F2	30.02	N/A	ritesh	RUPESH	2			2
Q3742-14	SB-1125-3D	EPH_F2	30.04	N/A	ritesh	RUPESH	2			3
Q3742-14MS	SB-1125-3DMS	EPH_F2	30.07	N/A	ritesh	RUPESH	2			4
Q3742-14MSD	SB-1125-3DMSD	EPH_F2	30.09	N/A	ritesh	RUPESH	2			5
Q3742-15	SB-1125-3E	EPH_F2	30.05	N/A	ritesh	RUPESH	2			6



* Extracts relinquished on the same date as received.

170822
10:10

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3742F2 WorkList ID : 193476 Department : Extraction Date : 12-04-2025 10:14:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3742-03	SB-1125-8	Solid	EPH_F2	Cool 4 deg C	REMI01	A21	11/25/2025	NJEPH
Q3742-04	SB-1125-9	Solid	EPH_F2	Cool 4 deg C	REMI01	A21	11/25/2025	NJEPH
Q3742-11	SB-1125-3A	Solid	EPH_F2	Cool 4 deg C	REMI01	A21	11/25/2025	NJEPH
Q3742-12	SB-1125-3B	Solid	EPH_F2	Cool 4 deg C	REMI01	A21	11/25/2025	NJEPH
Q3742-13	SB-1125-3C	Solid	EPH_F2	Cool 4 deg C	REMI01	A21	11/25/2025	NJEPH
Q3742-14	SB-1125-3D	Solid	EPH_F2	Cool 4 deg C	REMI01	A21	11/25/2025	NJEPH
Q3742-15	SB-1125-3E	Solid	EPH_F2	Cool 4 deg C	REMI01	A21	11/25/2025	NJEPH

Date/Time 12/4/25 10:16
Raw Sample Received by: RJ (Ext-06)
Raw Sample Relinquished by: CP

Date/Time 12/4/25 10:35
Raw Sample Received by: CP
Raw Sample Relinquished by: RJ (Ext-06)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Remington Vernick Engineering
ADDRESS: 2059 Sprydale Road
CITY: Cherry Hill STATE: NJ ZIP: 08003
ATTENTION: Kyle Carlson @ RVE.com
PHONE: 609-682-3049 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Saddler Property
PROJECT NO.: 04002003 LOCATION: Camden, NJ
PROJECT MANAGER: Kyle Carlson
e-mail: Kyle.Carlson@RVE.com
PHONE: 609-682-3049 FAX:

CLIENT BILLING INFORMATION

BILL TO: AP Invoices @ RVE.com PO#: 04002003
ADDRESS: 2059 Sprydale Road
CITY: Cherry Hill STATE: NJ ZIP: 08003
ATTENTION: Kyle Carlson PHONE: 609-682-3049

ANALYSIS

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) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☒ EDD FORMAT NJ Haz Site

TAL/TCL/3049
Cyanide
EPH Cat 2 (non-fuel)
VOCs
BNA + 15
PCBs + TAL Method
TAL Method (MC)
EPH Cat 1

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		E	E	F	E	E	E	E	E	E	
1.	SB-1125-23	Soil		X	11/26/25	850	7	3		1	3						F-Encore Samples
2.	SB-1125-19	Soil		X	11/25/25	855	7	3		1	3						
3.	SB-1125-8	Soil		X	11/25/25	930	6			3	1	1		1			See Below Comments *
4.	SB-1125-9	Soil		X	11/25/25	935	6			3	1	1		1			See Below Comments *
5.	~~SB-1125-8~~ (MC)	~~Soil~~	<del></del>	~~X~~	~~11/25/25~~	~~930~~	~~6~~			~~3~~							
6.	SB-1125-21	Soil		X	11/25/25	1105	7	3		1	3						
7.	SB-1125-13	Soil		X	11/25/25	1115	7	3		1	3						
8.	SB-1125-18	Soil		X	11/25/25	1125	7	3		1	3						
9.	SB-1125-20	Soil		X	11/25/25	1205	7	3		1	3						
10.	SB-1125-22	Soil		X	11/25/25	1245	7	3		1	3						

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP
1. <u>Mario Carilli @ RVE</u>	<u>11-26-25 11:00</u>	<u>[Signature]</u> <u>11-26-25</u>	Comments: <u>* For Samples SB-1125-8 and SB-1125-9 Run ALL Analysis, but only Report EPH First then if EPH is detected RVE will choose to report Remaining Parameters.</u>
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2.		2.	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3. <u>[Signature]</u>	<u>11-26-25</u>	3.	

Page 1 of 2 CLIENT: ☐ Hand Delivered ☐ Other ☐ Shipment Complete ☐ YES ☐ NO

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Remington + Vernick Engineers
ADDRESS: 2059 Springdale Road
CITY: Cherry Hill STATE: NJ ZIP: 08003
ATTENTION: Kyle Carlson e RVE, com
PHONE: 609-682-3049 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Saddle Property
PROJECT NO. 04002003 LOCATION: Camden, NJ
PROJECT MANAGER: Kyle Carlson
e-mail: Kyle.Carlson@RVE.com
PHONE: 609-682-3049 FAX:

CLIENT BILLING INFORMATION

BILL TO: AP Invoices @ RVE, com PO#: 04002003
ADDRESS: 2059 Springdale Road
CITY: Cherry Hill STATE: NJ ZIP: 08003
ATTENTION: Kyle Carlson PHONE:

ANALYSIS

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) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☒ EDD FORMAT NJ Hazsite

TAL/TEL 200 2500
EPH Car 2 Nbr Field
VOCs
EPH Car 1

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		E	E	F	E						
1.	SB-1125-2	Soil		X	11/25/25	1305	7	3	1	3	1						F = Encores
2.	SB-1125-3A	Soil		X	11/25/25	1330					1						
3.	SB-1125-3B	Soil		X	11/25/25	1335					1						
4.	SB-1125-3C	Soil		X	11/25/25	1340					1						
5.	SB-1125-3D	Soil		X	11/25/25	1355					1						
6.	SB-1125-3E	Soil		X	11/25/25	1355					1						
7.	SB-1125-1	Soil		X	11/25/25	1430	7	3	1	3							
8.	SB-1125-25	Soil		X	11/25/25	1430	7	3	1	3							
9.	SB-1125-24	Soil		X	11/25/25	1505	7	3	1	3							
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP _____ °C
1. Marco Carillo @ RVE	11/26/25 12PM	1. [Signature] 11-26-25	Comments:
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2.		2.	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3. [Signature]	11-26-25	3.	

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3742 REMI01

Client Name : Remington & Vernick

Client Contact : Justin Zarzecki

Invoice Name : Remington & Vernick

Invoice Contact : Justin Zarzecki

Order Date : 12/1/2025 9:06:00 AM

Project Name : *Saddler* *am* ~~Sadler Property~~

Receive DateTime : 11/26/2025 6:20:00 PM

Purchase Order :

Project Mgr :

Report Type : ~~Level 1~~ *Regular*

EDD Type : EXCEL-NJCLEANUP

Hard Copy Date :

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3742-01	SB-1125-23	Solid	<i>26</i> 11/25/2025	08:50	VOC-TCLVOA-10	TCL+30/TAL	8260C		10 Bus. Days
Q3742-02	SB-1125-19	Solid	11/25/2025	08:55	VOC-TCLVOA-10	TCL+30/TAL	8260C		10 Bus. Days
Q3742-03	SB-1125-8	Solid	11/25/2025	09:30	VOC-TCLVOA-10	TCL+30/TAL	8260C		10 Bus. Days
Q3742-04	SB-1125-9	Solid	11/25/2025	09:35	VOC-TCLVOA-10	TCL+30/TAL	8260C		10 Bus. Days
Q3742-05	SB-1125-21	Solid	11/25/2025	11:05	VOC-TCLVOA-10	TCL+30/TAL	8260C		10 Bus. Days
Q3742-06	SB-1125-13	Solid	11/25/2025	11:15	VOC-TCLVOA-10	TCL+30/TAL	8260C		10 Bus. Days
Q3742-07	SB-1125-18	Solid	11/25/2025	11:25	VOC-TCLVOA-10	TCL+30/TAL	8260C		10 Bus. Days
Q3742-08	SB-1125-20	Solid	11/25/2025	12:05	VOC-TCLVOA-10	TCL+30/TAL	8260C		10 Bus. Days

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3742 REMI01
Client Name : Remington & Vernick
Client Contact : Justin Zarzecki
Invoice Name : Remington & Vernick
Invoice Contact : Justin Zarzecki

Order Date : 12/1/2025 9:06:00 AM
Project Name : *Sadler* Sadler Property
Receive Date/Time : 11/26/2025 6:20:00 PM
Purchase Order :

Project Mgr :
Report Type : Level-1 *Regular*
EDD Type : EXCEL-NICLEANUP
Hard Copy Date : *MS. Redwood*
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3742-09	SB-1125-22	Solid	11/25/2025	12:45	VOC-TCLVOA-10	TCL+30/TAL	8260C		10 Bus. Days
Q3742-10	SB-1125-2	Solid	11/25/2025	13:05	VOC-TCLVOA-10	TCL+30/TAL	8260C		10 Bus. Days
Q3742-16	SB-1125-1	Solid	11/25/2025	14:30	VOC-TCLVOA-10	TCL+30/TAL	8260C		10 Bus. Days
Q3742-17	SB-1125-25	Solid	11/25/2025	14:30	VOC-TCLVOA-10	TCL+30/TAL	8260C		10 Bus. Days
Q3742-18	SB-1125-24	Solid	11/25/2025	15:05	VOC-TCLVOA-10	TCL+30/TAL	8260C		10 Bus. Days

Relinquished By : *CP*

Date / Time : *12/1/25 11:05*

Received By : *Sam*

Date / Time : *12/01/25 11:05*

Storage Area : VOA Refridgerator Room