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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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LAB CHRONICLE

OrderID:	Q3719	**OrderDate:**	11/25/2025 11:38:47 AM
Client:	Remington & Vernick	**Project:**	Saddler Property
Contact:	Justin Zarzecki	**Location:**	--Select--,D51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3719-01	**SB-1125-10A**	**SOIL**			**11/24/25**			**11/25/25**
			PCB	8082A		11/26/25	11/26/25	
			Pesticide-TCL	8081B		11/26/25	11/26/25	
			EPH_NF	NJEPH		11/26/25	11/26/25	
Q3719-01DL	**SB-1125-10ADL**	**SOIL**			**11/24/25**			**11/25/25**
			EPH_NF	NJEPH		11/26/25	12/01/25	
Q3719-02	**SB-1125-10B**	**SOIL**			**11/24/25**			**11/25/25**
			PCB	8082A		11/26/25	11/26/25	
			Pesticide-TCL	8081B		11/26/25	11/26/25	
			EPH_NF	NJEPH		11/26/25	11/26/25	
Q3719-03	**SB-1125-11A**	**SOIL**			**11/24/25**			**11/25/25**
			PCB	8082A		11/26/25	11/26/25	
			Pesticide-TCL	8081B		11/26/25	11/26/25	
			EPH_NF	NJEPH		11/26/25	11/26/25	
Q3719-04	**SB-1125-11B**	**SOIL**			**11/24/25**			**11/25/25**
			PCB	8082A		11/26/25	11/26/25	
			Pesticide-TCL	8081B		11/26/25	11/26/25	
			EPH_NF	NJEPH		11/26/25	11/26/25	
Q3719-05	**SB-1125-12A**	**SOIL**			**11/24/25**			**11/25/25**
			PCB	8082A		11/26/25	11/26/25	
			Pesticide-TCL	8081B		11/26/25	11/26/25	
			EPH_NF	NJEPH		11/26/25	11/26/25	
Q3719-05RE	**SB-1125-12ARE**	**SOIL**			**11/24/25**			**11/25/25**
			EPH_NF	NJEPH		11/26/25	11/27/25	
Q3719-06	**SB-1125-12B**	**SOIL**			**11/24/25**			**11/25/25**
			PCB	8082A		11/26/25	11/26/25	
			Pesticide-TCL	8081B		11/26/25	11/26/25	
			EPH_NF	NJEPH		11/26/25	11/27/25	
Q3719-06RE	**SB-1125-12BRE**	**SOIL**			**11/24/25**			**11/25/25**
			EPH_NF	NJEPH		11/26/25	12/01/25	
Q3719-07	**SB-1125-14A**	**SOIL**			**11/24/25**			**11/25/25**

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LAB CHRONICLE

			PCB	8082A		11/26/25	11/26/25	
			Pesticide-TCL	8081B		11/26/25	11/26/25	
			EPH_NF	NJEPH		11/26/25	11/27/25	
Q3719-08	**SB-1125-14B**	**SOIL**			**11/24/25**			**11/25/25**
			PCB	8082A		11/26/25	11/26/25	
			Pesticide-TCL	8081B		11/26/25	11/26/25	
			EPH_NF	NJEPH		11/26/25	11/27/25	
Q3719-09	**SB-1125-15A**	**SOIL**			**11/24/25**			**11/25/25**
			PCB	8082A		11/26/25	11/26/25	
			Pesticide-TCL	8081B		11/26/25	11/26/25	
			EPH_NF	NJEPH		11/26/25	11/27/25	
Q3719-10	**SB-1125-15B**	**SOIL**			**11/24/25**			**11/25/25**
			PCB	8082A		11/26/25	11/26/25	
			Pesticide-TCL	8081B		11/26/25	11/26/25	
			EPH_NF	NJEPH		11/26/25	11/27/25	
Q3719-11	**SB-1125-16A**	**SOIL**			**11/24/25**			**11/25/25**
			PCB	8082A		11/26/25	11/26/25	
			Pesticide-TCL	8081B		11/26/25	11/26/25	
			EPH_NF	NJEPH		11/26/25	11/27/25	
Q3719-12	**SB-1125-16B**	**SOIL**			**11/24/25**			**11/25/25**
			PCB	8082A		11/26/25	11/26/25	
			Pesticide-TCL	8081B		11/26/25	11/26/25	
			EPH_NF	NJEPH		11/26/25	11/27/25	
Q3719-12RE	**SB-1125-16BRE**	**SOIL**			**11/24/25**			**11/25/25**
			EPH_NF	NJEPH		11/26/25	12/01/25	
Q3719-13	**SB-1125-17A**	**SOIL**			**11/24/25**			**11/25/25**
			PCB	8082A		11/26/25	11/26/25	
			Pesticide-TCL	8081B		11/26/25	11/26/25	
			EPH_NF	NJEPH		11/26/25	11/27/25	
Q3719-13RE	**SB-1125-17ARE**	**SOIL**			**11/24/25**			**11/25/25**
			EPH_NF	NJEPH		11/26/25	12/01/25	
Q3719-14	**SB-1125-17B**	**SOIL**			**11/24/25**			**11/25/25**
			PCB	8082A		11/26/25	11/26/25	
			Pesticide-TCL	8081B		11/26/25	11/26/25	
			EPH_NF	NJEPH		11/26/25	11/27/25	
Q3719-14RE	**SB-1125-17BRE**	**SOIL**			**11/24/25**			**11/25/25**
			EPH_NF	NJEPH		11/26/25	12/01/25	



QC SUMMARY

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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: REMI01

Lab Code: ACE SDG No.: Q3719

Run Number: FE112625AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB170736BL	58	70		0
PB170736BS	64	72		0
PB170736BSD	64	72		0
OR-03-11-24-2025MS	52	49		0
OR-03-11-24-2025MSD	52	50		0
SB-1125-10A	58	60		0
SB-1125-10B	49	59		0
SB-1125-11A	46	55		0
SB-1125-11B	49	59		0
SB-1125-12A	35 *	44		1
SB-1125-12ARE	36 *	44		1
SB-1125-12B	39 *	47		1
SB-1125-14A	43	51		0
SB-1125-14B	47	55		0
SB-1125-15A	41	48		0
SB-1125-15B	46	55		0
SB-1125-16A	41	50		0
SB-1125-16B	36 *	44		1
SB-1125-17A	38 *	44		1
SB-1125-17B	38 *	43		1

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

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

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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: REMI01

Lab Code: ACE SDG No.: Q3719

Run Number: FE120125AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)		ortho-Terphenyl (SURR)		TOT OUT
SB-1125-10ADL	50		52		0
SB-1125-12BRE	38	*	44		1
SB-1125-16BRE	35	*	42		1
SB-1125-17ARE	38	*	43		1
SB-1125-17BRE	37	*	41		1

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

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

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SOIL EPH SURROGATE RECOVERY

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

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

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick

Lab Code: ACE **SDG No:** Q3719

Sample No : Q3714-01MS **Datafile:** FE057051.D **Client ID :** OR-03-11-24-2025MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	30.4	44.6	84.2	130		(40-140)
Aliphatic C9-C28	101.3	16.9	63.6	46		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	3.4	0.0117	1.3282	39	*	(40-140)
n-Decane (C10)	3.4	0.0106	3.1640	93		(40-140)
Naphthalene (C11.7)	3.4	0.0569	1.7525	50		(40-140)
n-Dodecane (C12)	3.4	0.0054	1.6341	48		(40-140)
2-methylnaphthalene (C12.89)	3.4	0.0289	1.6945	49		(40-140)
n-Tetradecane (C14)	3.4	0.0684	1.8099	51		(40-140)
n-Hexadecane (C16)	3.4	0.0736	1.8075	51		(40-140)
n-Octadecane (C18)	3.4	0.0763	1.7231	48		(40-140)
n-Eicosane (C20)	3.4	0.4396	2.1655	51		(40-140)
n-Heneicosane (C21)	3.4	0.1349	1.8596	51		(40-140)
n-Docosane (C22)	3.4	0.2650	1.9427	49		(40-140)
n-Tetracosane (C24)	6.8	1.0810	5.7842	69		(40-140)
n-Hexacosane (C26)	3.4	0.0985	1.6148	45		(40-140)
n-Octacosane (C28)	3.4	0.3979	1.9952	47		(40-140)
n-Tricontane (C30)	3.4	0.5580	2.0384	44		(40-140)
n-Dotriacontane (C32)	3.4	0.7646	2.5310	52		(40-140)
n-Tetratriacontane (C34)	3.4	1.1651	3.2748	62		(40-140)
n-Hexatriacontane (C36)	3.4	1.6848	4.8518	93		(40-140)
n-Octatriacontane (C38)	3.4	1.7941	4.6991	85		(40-140)
n-Tetracontane (C40)	3.4	0.6561	3.5603	85		(40-140)

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick

Lab Code: ACE **SDG No:** Q3719

Sample No : Q3714-01MSD **Datafile:** FE057052.D **Client ID :** OR-03-11-24-2025MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	30.4	44.6	81.9	122		6.35 |	(40-140)	50
Aliphatic C9-C28	101.3	16.9	63.5	46		0.2 |	(40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
n-Nonane (C9)	3.4	0.0071	1.3313	39	*	0 |	(40-140)	50
n-Decane (C10)	3.4	0.0123	3.1736	93		0 |	(40-140)	50
Naphthalene (C11.7)	3.4	0.0183	1.7633	51		0 |	(40-140)	50
n-Dodecane (C12)	3.4	0.0059	1.6378	48		0 |	(40-140)	50
2-methylnaphthalene (C12.89)	3.4	0.0163	1.7040	50		2.02 |	(40-140)	50
n-Tetradecane (C14)	3.4	0.0481	1.8171	52		0 |	(40-140)	50
n-Hexadecane (C16)	3.4	0.0461	1.8193	52		0 |	(40-140)	50
n-Octadecane (C18)	3.4	0.0340	1.7273	50		0 |	(40-140)	50
n-Eicosane (C20)	3.4	0.1836	2.1794	59		1.71 |	(40-140)	50
n-Heneicosane (C21)	3.4	0.0603	1.8739	53		0 |	(40-140)	50
n-Docosane (C22)	3.4	0.0885	1.7411	49		11.54 |	(40-140)	50
n-Tetracosane (C24)	6.8	0.5474	5.7890	77		0 |	(40-140)	50
n-Hexacosane (C26)	3.4	0.0656	1.6247	46		0 |	(40-140)	50
n-Octacosane (C28)	3.4	0.3342	1.9308	47		4.17 |	(40-140)	50
n-Tricontane (C30)	3.4	0.4032	1.9171	45		6.45 |	(40-140)	50
n-Dotriacontane (C32)	3.4	0.8082	2.5713	52		1.94 |	(40-140)	50
n-Tetratriacontane (C34)	3.4	1.9863	3.2323	37	*	2.67 |	(40-140)	50
n-Hexatriacontane (C36)	3.4	3.1455	5.1217	58		14.81 |	(40-140)	50
n-Octatriacontane (C38)	3.4	2.4286	5.5939	93		32.5 |	(40-140)	50
n-Tetracontane (C40)	3.4	0.2492	2.9032	78		21.71 |	(40-140)	50

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick

Lab Code: ACE **SDG No:** Q3719

Sample No : PB170736BS **Datafile:** FE057047.D **Client ID :** PB170736BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	30.0	29.7	99		(40-140)
Aliphatic C9-C28	99.9	79.0	80		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	3.3	2.71429	82		(40-140)
n-Decane (C10)	3.3	2.83286	86		(40-140)
Naphthalene (C11.7)	3.3	3.22788	98		(40-140)
n-Dodecane (C12)	3.3	3.00245	91		(40-140)
2-methylnaphthalene (C12.89)	3.3	2.99447	91		(40-140)
n-Tetradecane (C14)	3.3	3.04311	92		(40-140)
n-Hexadecane (C16)	3.3	2.86428	87		(40-140)
n-Octadecane (C18)	3.3	2.74815	83		(40-140)
n-Eicosane (C20)	3.3	2.76328	84		(40-140)
n-Heneicosane (C21)	3.3	2.73916	83		(40-140)
n-Docosane (C22)	3.3	2.65929	81		(40-140)
n-Tetracosane (C24)	6.7	5.49665	82		(40-140)
n-Hexacosane (C26)	3.3	2.47440	75		(40-140)
n-Octacosane (C28)	3.3	2.64548	80		(40-140)
n-Tricontane (C30)	3.3	2.32788	71		(40-140)
n-Dotriacontane (C32)	3.3	2.42885	74		(40-140)
n-Tetratriacontane (C34)	3.3	2.73129	83		(40-140)
n-Hexatriacontane (C36)	3.3	3.24924	98		(40-140)
n-Octatriacontane (C38)	3.3	3.87145	117		(40-140)
n-Tetracontane (C40)	3.3	4.43513	134		(40-140)

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick

Lab Code: ACE **SDG No:** Q3719

Sample No : PB170736BSD **Datafile:** FE057048.D **Client ID :** PB170736BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	30.0	29.2	97		1.7|	(40-140)	25
Aliphatic C9-C28	99.9	79.0	80		0.031|	(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	2.69797	82		0|	(40-140)	25
n-Decane (C10)	3.3	2.82301	86		0|	(40-140)	25
Naphthalene (C11.7)	3.3	3.21562	97		1.03|	(40-140)	25
n-Dodecane (C12)	3.3	3.00075	91		0|	(40-140)	25
2-methylnaphthalene (C12.89)	3.3	2.99614	91		0|	(40-140)	25
n-Tetradecane (C14)	3.3	3.03567	92		0|	(40-140)	25
n-Hexadecane (C16)	3.3	2.85570	87		0|	(40-140)	25
n-Octadecane (C18)	3.3	2.74267	83		0|	(40-140)	25
n-Eicosane (C20)	3.3	2.75890	84		0|	(40-140)	25
n-Heneicosane (C21)	3.3	2.73579	83		0|	(40-140)	25
n-Docosane (C22)	3.3	2.65335	80		1.24|	(40-140)	25
n-Tetracosane (C24)	6.7	5.47873	82		0|	(40-140)	25
n-Hexacosane (C26)	3.3	2.46595	75		0|	(40-140)	25
n-Octacosane (C28)	3.3	2.62814	80		0|	(40-140)	25
n-Tricontane (C30)	3.3	2.29051	69		2.86|	(40-140)	25
n-Dotriacontane (C32)	3.3	2.36187	72		2.74|	(40-140)	25
n-Tetratriacontane (C34)	3.3	2.63639	80		3.68|	(40-140)	25
n-Hexatriacontane (C36)	3.3	3.15639	96		2.06|	(40-140)	25
n-Octatriacontane (C38)	3.3	3.79796	115		1.72|	(40-140)	25
n-Tetracontane (C40)	3.3	4.34579	132		1.5|	(40-140)	25

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4B

METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB170736BL

Lab Name: Alliance Contract: REMI01

Lab Code: ACE SDG NO.: Q3719

Instrument ID: FID_E Lab Sample ID: PB170736BL

Matrix: (soil/water) Solid Date Extracted: 11/26/2025 8:30:00

Level: (low/med) low

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

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB170736BS	PB170736BS
PB170736BSD	PB170736BSD
OR-03-11-24-2025MS	Q3714-01MS
OR-03-11-24-2025MSD	Q3714-01MSD
SB-1125-10A	Q3719-01
SB-1125-10B	Q3719-02
SB-1125-11A	Q3719-03
SB-1125-11B	Q3719-04
SB-1125-12A	Q3719-05
SB-1125-12B	Q3719-06
SB-1125-14A	Q3719-07
SB-1125-14B	Q3719-08
SB-1125-15A	Q3719-09
SB-1125-15B	Q3719-10
SB-1125-16A	Q3719-11
SB-1125-16B	Q3719-12
SB-1125-17A	Q3719-13
SB-1125-17B	Q3719-14

COMMENTS:



SAMPLE DATA

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Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-10A			SDG No.:	Q3719
Lab Sample ID:	Q3719-01			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	76.2
Sample Wt/Vol:	30.07 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	56.9		2	3.09	5.24	mg/kg	FE057094.D	12/01/25 13:38	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	19.7		1	1.19	5.24	mg/kg	FE057056.D	11/26/25 20:09	PB170736
Total AliphaticEPH	Total AliphaticEPH	76.6			4.28	10.5	mg/kg			
Total EPH	Total EPH	76.6			4.28	10.5	mg/kg			

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

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

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

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

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Prep Method :		Prep Date	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	19.7		1	1.19	5.24	mg/kg	11/26/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	52.5	E	1	1.54	2.62	mg/kg	11/26/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	28.9			40 - 140	58%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	30.2			40 - 140	60%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3719-01	Acq On:	26 Nov 2025 20:09
Client Sample ID:	SB-1125-10A	Operator:	YP\AJ
Data file:	FE057056.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	3.202	6.826	603989	3.529	300	ug/ml
Aliphatic C12-C16	6.827	10.271	3832014	21.437	200	ug/ml
Aliphatic C16-C21	10.272	13.644	18399917	98.656	300	ug/ml
Aliphatic C21-C28	13.645	17.314	19774364	102.582	400	ug/ml
Aliphatic C28-C40	17.315	22.241	95799373	601.322	600	ug/ml
Aliphatic EPH	3.202	22.241	138409657	827.526		ug/ml
ortho-Terphenyl (SURR)	11.947	11.947	6317641	30.24		ug/ml
1-chlorooctadecane (SURR)	13.384	13.384	4664124	28.95		ug/ml
Aliphatic C9-C28	3.202	17.314	42610284	226.204	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057056.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 20:09
Operator : YP\AJ
Sample : Q3719-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-10A

Integration File: sample.E
Quant Time: Nov 27 00:39:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 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)	11.947	6317641	30.241 ug/ml
Spiked Amount 50.000		Recovery =	60.48%
12) S 1-chlorooctadecane (S...	13.384	4664124	28.949 ug/ml
Spiked Amount 50.000		Recovery =	57.90%
Target Compounds			

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

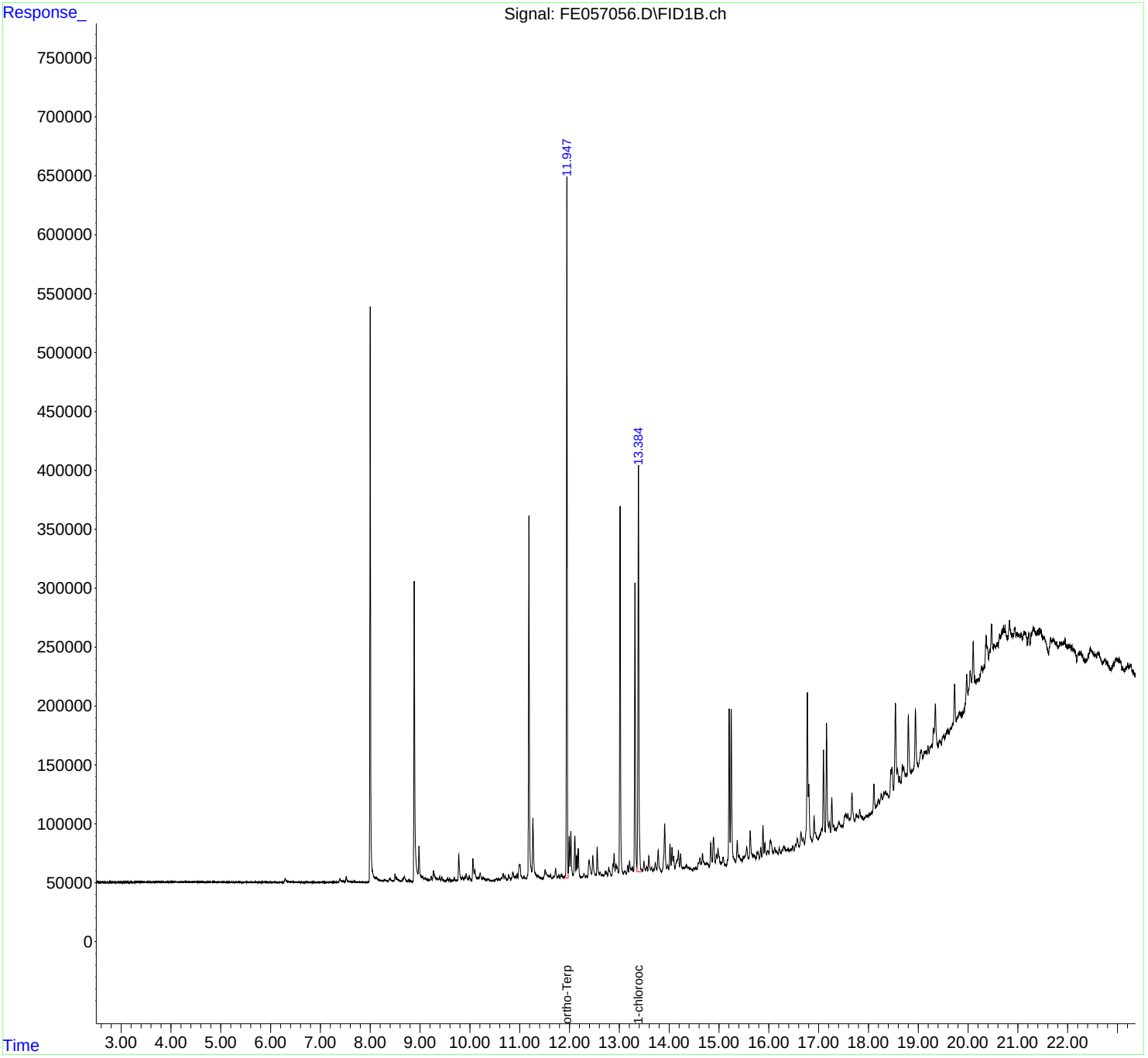
Quantitation Report (QT Reviewed)

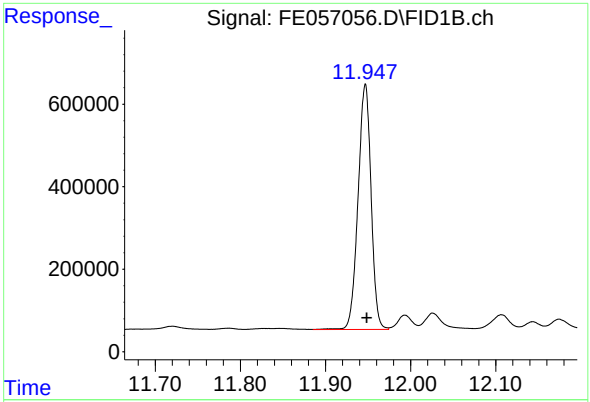
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057056.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 20:09
Operator : YP\AJ
Sample : Q3719-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-10A

Integration File: sample.E
Quant Time: Nov 27 00:39:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

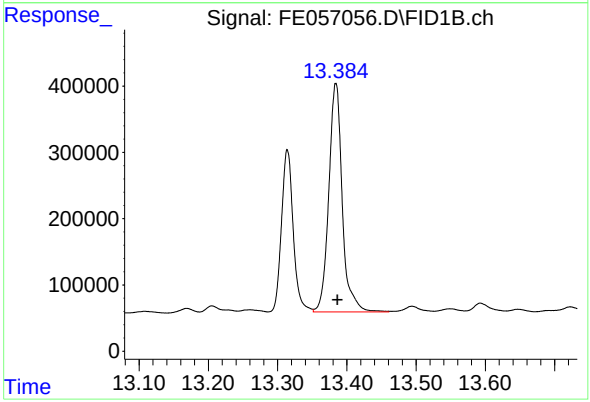




#9 ortho-Terphenyl (SURR)

R.T.: 11.947 min
Delta R.T.: -0.002 min
Response: 6317641
Conc: 30.24 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-10A



#12 1-chlorooctadecane (SURR)

R.T.: 13.384 min
Delta R.T.: -0.002 min
Response: 4664124
Conc: 28.95 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057056.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 20:09
Sample : Q3719-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.560	2.525	2.611	BV	59	-641	-0.01%	-0.000%
2	2.623	2.611	2.715	PV	145	2888	0.05%	0.002%
3	2.736	2.715	2.778	PV	299	5750	0.09%	0.004%
4	2.788	2.778	2.797	VV	154	1316	0.02%	0.001%
5	2.805	2.797	2.831	VV	134	1989	0.03%	0.001%
6	2.841	2.831	2.905	VV	166	4451	0.07%	0.003%
7	2.915	2.905	2.928	VV	118	1227	0.02%	0.001%
8	2.932	2.928	2.939	VV	153	712	0.01%	0.000%
9	2.946	2.939	2.955	VV	144	930	0.01%	0.001%
10	3.002	2.955	3.048	VV	293	7973	0.13%	0.005%
11	3.079	3.048	3.136	VV	173	6828	0.11%	0.005%
12	3.143	3.136	3.161	VV	116	1538	0.02%	0.001%
13	3.173	3.161	3.184	VV	140	1510	0.02%	0.001%
14	3.219	3.184	3.229	VV	205	3656	0.06%	0.002%
15	3.238	3.229	3.255	VV	237	2686	0.04%	0.002%
16	3.301	3.255	3.365	VV	417	14476	0.23%	0.010%
17	3.384	3.365	3.403	VV	274	4676	0.07%	0.003%
18	3.421	3.403	3.457	VV	295	8166	0.13%	0.005%
19	3.473	3.457	3.501	VV	308	7415	0.12%	0.005%
20	3.519	3.501	3.561	VV	347	10952	0.17%	0.007%
21	3.570	3.561	3.601	VV	276	6817	0.11%	0.005%
22	3.610	3.601	3.631	VV	378	5714	0.09%	0.004%
23	3.639	3.631	3.675	VV	318	7650	0.12%	0.005%
24	3.689	3.675	3.715	VV	306	6631	0.10%	0.004%
25	3.745	3.715	3.788	VV	354	13384	0.21%	0.009%
26	3.808	3.788	3.821	VV	442	7248	0.11%	0.005%
27	3.829	3.821	3.867	VV	414	9136	0.14%	0.006%
28	3.879	3.867	3.885	VV	353	3557	0.06%	0.002%
29	3.937	3.885	3.964	VV	393	15359	0.24%	0.010%
30	3.989	3.964	4.015	VV	448	10655	0.17%	0.007%
31	4.027	4.015	4.077	VV	400	12436	0.20%	0.008%
32	4.094	4.077	4.111	VV	515	8039	0.13%	0.005%
33	4.125	4.111	4.181	VV	386	14208	0.22%	0.009%
34	4.194	4.181	4.222	VV	371	7855	0.12%	0.005%
35	4.229	4.222	4.234	VV	340	2255	0.04%	0.001%
36	4.243	4.234	4.260	VV	417	5034	0.08%	0.003%

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37	4.291	4.260	4.345	VV	502	20209	0.32%	0.013%
38	4.362	4.345	4.371	VV	414	5580	0.09%	0.004%
39	4.378	4.371	4.422	VV	428	10351	0.16%	0.007%
40	4.446	4.422	4.478	VV	376	11084	0.18%	0.007%
41	4.494	4.478	4.503	VV	370	4860	0.08%	0.003%
42	4.557	4.503	4.587	VV	577	20439	0.32%	0.014%
43	4.601	4.587	4.621	VV	443	7510	0.12%	0.005%
44	4.631	4.621	4.652	VV	368	5898	0.09%	0.004%
45	4.674	4.652	4.707	VV	462	9699	0.15%	0.006%
46	4.733	4.707	4.820	VV	561	26513	0.42%	0.018%
47	4.838	4.820	4.925	VV	481	21588	0.34%	0.014%
48	4.935	4.925	4.954	VV	268	4727	0.07%	0.003%
49	4.965	4.954	4.975	VV	316	3374	0.05%	0.002%
50	4.982	4.975	4.988	VV	256	2044	0.03%	0.001%
51	4.998	4.988	5.008	VV	294	2998	0.05%	0.002%
52	5.023	5.008	5.045	VV	305	5286	0.08%	0.004%
53	5.070	5.045	5.099	VV	431	8309	0.13%	0.006%
54	5.112	5.099	5.123	VV	188	2371	0.04%	0.002%
55	5.145	5.123	5.158	VV	191	3612	0.06%	0.002%
56	5.162	5.158	5.205	VV	237	4686	0.07%	0.003%
57	5.224	5.205	5.245	VV	334	5693	0.09%	0.004%
58	5.264	5.245	5.281	VV	252	3900	0.06%	0.003%
59	5.312	5.281	5.341	VV	265	6242	0.10%	0.004%
60	5.373	5.341	5.449	VV	232	8062	0.13%	0.005%
61	5.477	5.449	5.489	VV	136	2468	0.04%	0.002%
62	5.535	5.489	5.675	VV	229	13660	0.22%	0.009%
63	5.696	5.675	5.719	VV	445	6305	0.10%	0.004%
64	5.729	5.719	5.757	VV	200	2946	0.05%	0.002%
65	5.768	5.757	5.781	VV	122	919	0.01%	0.001%
66	5.804	5.781	5.837	VV	150	3398	0.05%	0.002%
67	5.889	5.837	5.925	VV	235	6319	0.10%	0.004%
68	5.960	5.925	5.975	VV	156	3135	0.05%	0.002%
69	5.995	5.975	6.033	VV	413	8180	0.13%	0.005%
70	6.052	6.033	6.075	VV	290	5099	0.08%	0.003%
71	6.103	6.075	6.116	VV	196	3971	0.06%	0.003%
72	6.123	6.116	6.155	VV	154	2169	0.03%	0.001%
73	6.179	6.155	6.188	VV	121	1634	0.03%	0.001%
74	6.205	6.188	6.218	VV	148	1383	0.02%	0.001%
75	6.231	6.218	6.252	VV	153	2326	0.04%	0.002%
76	6.289	6.252	6.408	VV	2839	90889	1.44%	0.060%
77	6.436	6.408	6.485	VV	765	18442	0.29%	0.012%
78	6.496	6.485	6.505	VV	242	2690	0.04%	0.002%
79	6.531	6.505	6.585	VV	291	11043	0.17%	0.007%
80	6.623	6.585	6.687	VV	298	11045	0.17%	0.007%
81	6.729	6.687	6.792	VV	433	10945	0.17%	0.007%
82	6.810	6.792	6.832	VV	90	1983	0.03%	0.001%
83	6.881	6.832	6.907	VV	337	5685	0.09%	0.004%
84	6.922	6.907	6.944	VV	106	1127	0.02%	0.001%
85	6.974	6.944	7.000	PV	99	2135	0.03%	0.001%
86	7.023	7.000	7.047	VV	292	4341	0.07%	0.003%
87	7.061	7.047	7.092	VV	184	3350	0.05%	0.002%
88	7.101	7.092	7.111	VV	74	691	0.01%	0.000%
89	7.133	7.111	7.174	VV	226	4665	0.07%	0.003%

90	7.190	7.174	7.211	VV	154	2503	0.04%	0.002%
91	7.245	7.211	7.267	VV	176	4565	0.07%	0.003%
92	7.310	7.267	7.328	VV	257	6629	0.10%	0.004%
93	7.390	7.328	7.435	VV	2703	66860	1.06%	0.044%
94	7.450	7.435	7.495	VV	1115	24763	0.39%	0.016%
95	7.518	7.495	7.660	VV	4917	108263	1.71%	0.072%
96	7.678	7.660	7.825	VV	746	24123	0.38%	0.016%
97	7.832	7.825	7.839	VV	171	880	0.01%	0.001%
98	7.853	7.839	7.901	VV	193	3624	0.06%	0.002%
99	7.911	7.901	7.937	VV	118	1444	0.02%	0.001%
100	8.123	8.106	8.242	VV	3907	176514	2.79%	0.117%
101	8.250	8.242	8.268	VV	1228	18213	0.29%	0.012%
102	8.288	8.268	8.358	VV	2122	72320	1.14%	0.048%
103	8.397	8.358	8.457	VV	2831	96487	1.53%	0.064%
104	8.466	8.457	8.473	VV	970	8556	0.14%	0.006%
105	8.497	8.473	8.515	VV	6793	91451	1.45%	0.061%
106	8.527	8.515	8.549	VV	3829	59512	0.94%	0.040%
107	8.561	8.549	8.625	VV	2312	53694	0.85%	0.036%
108	8.686	8.625	8.752	VV	4476	142823	2.26%	0.095%
109	8.775	8.752	8.799	VV	1961	28822	0.46%	0.019%
110	8.815	8.799	8.853	VV	701	12354	0.20%	0.008%
111	8.979	8.957	9.025	VV	30130	488520	7.73%	0.325%
112	9.035	9.025	9.088	VV	4518	132951	2.10%	0.088%
113	9.104	9.088	9.201	VV	2896	123304	1.95%	0.082%
114	9.224	9.201	9.245	VV	4706	70671	1.12%	0.047%
115	9.269	9.245	9.331	VV	9200	227809	3.61%	0.152%
116	9.344	9.331	9.375	VV	2720	53386	0.84%	0.036%
117	9.394	9.375	9.418	VV	3982	63310	1.00%	0.042%
118	9.439	9.418	9.501	VV	3019	67512	1.07%	0.045%
119	9.511	9.501	9.524	VV	448	5820	0.09%	0.004%
120	9.552	9.524	9.572	VV	2620	37140	0.59%	0.025%
121	9.589	9.572	9.624	VV	2021	33394	0.53%	0.022%
122	9.689	9.624	9.718	VV	2435	59085	0.94%	0.039%
123	9.731	9.718	9.747	VV	689	10503	0.17%	0.007%
124	9.777	9.747	9.835	VV	22441	381200	6.03%	0.254%
125	9.851	9.835	9.875	VV	3536	59254	0.94%	0.039%
126	9.897	9.875	9.907	VV	2983	42502	0.67%	0.028%
127	9.926	9.907	9.966	VV	6275	118244	1.87%	0.079%
128	9.988	9.966	10.032	VV	3522	78448	1.24%	0.052%
129	10.061	10.032	10.086	VV	19022	287806	4.55%	0.191%
130	10.100	10.086	10.157	VV	9749	200991	3.18%	0.134%
131	10.174	10.157	10.187	VV	3065	45621	0.72%	0.030%
132	10.207	10.187	10.248	VV	6703	139835	2.21%	0.093%
133	10.266	10.248	10.326	VV	2625	78314	1.24%	0.052%
134	10.368	10.326	10.438	VV	1170	42391	0.67%	0.028%
135	10.456	10.438	10.470	PV	241	3235	0.05%	0.002%
136	10.483	10.470	10.498	VV	145	2239	0.04%	0.001%
137	10.532	10.498	10.553	VV	1750	33155	0.52%	0.022%
138	10.576	10.553	10.608	VV	1518	29631	0.47%	0.020%
139	10.668	10.608	10.689	VV	5781	126286	2.00%	0.084%
140	10.706	10.689	10.748	VV	4241	69362	1.10%	0.046%
141	10.779	10.748	10.822	VV	4432	86204	1.36%	0.057%

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142	10.863	10.822	10.899	VV	6319	146529	2.32%	0.097%
143	10.914	10.899	10.930	VV	3423	46695	0.74%	0.031%
144	10.948	10.930	10.964	VV	5216	67142	1.06%	0.045%
145	11.005	10.964	11.068	VV	12685	379838	6.01%	0.253%
146	11.085	11.068	11.134	VV	3225	62460	0.99%	0.042%
147	11.186	11.134	11.243	VV	310432	3760806	59.52%	2.501%
148	11.265	11.243	11.348	VV	50978	887750	14.05%	0.590%
149	11.360	11.348	11.468	VV	2907	95391	1.51%	0.063%
150	11.509	11.468	11.570	VV	7772	226263	3.58%	0.150%
151	11.586	11.570	11.602	VV	2756	41534	0.66%	0.028%
152	11.619	11.602	11.645	VV	3266	40919	0.65%	0.027%
153	11.720	11.645	11.764	PV	8244	167995	2.66%	0.112%
154	11.786	11.764	11.805	VV	3287	42646	0.67%	0.028%
155	11.829	11.805	11.837	VV	2538	34540	0.55%	0.023%
156	11.847	11.837	11.884	VV	2778	41730	0.66%	0.028%
157	11.947	11.884	11.974	VV	596782	6319084	100.00%	4.203%
158	11.993	11.974	12.009	VV	34512	402606	6.37%	0.268%
159	12.026	12.009	12.074	VV	39583	564322	8.93%	0.375%
160	12.107	12.074	12.128	VV	35471	523927	8.29%	0.348%
161	12.144	12.128	12.158	VV	18518	221823	3.51%	0.148%
162	12.175	12.158	12.235	VV	24635	361357	5.72%	0.240%
163	12.248	12.235	12.262	VV	615	6602	0.10%	0.004%
164	12.290	12.262	12.317	VV	3129	46373	0.73%	0.031%
165	12.334	12.317	12.357	PV	1002	15989	0.25%	0.011%
166	12.392	12.357	12.442	VV	13707	351841	5.57%	0.234%
167	12.467	12.442	12.535	VV	17785	340145	5.38%	0.226%
168	12.555	12.535	12.596	VV	25132	337628	5.34%	0.225%
169	12.614	12.596	12.639	VV	3938	62072	0.98%	0.041%
170	12.651	12.639	12.681	VV	1269	23720	0.38%	0.016%
171	12.719	12.681	12.767	VV	4265	104455	1.65%	0.069%
172	12.788	12.767	12.845	VV	7314	132284	2.09%	0.088%
173	12.895	12.845	12.915	PV	18898	356770	5.65%	0.237%
174	12.933	12.915	12.948	VV	9309	145689	2.31%	0.097%
175	12.958	12.948	12.984	VV	7422	104607	1.66%	0.070%
176	13.015	12.984	13.081	VV	312571	3809309	60.28%	2.534%
177	13.109	13.081	13.140	VV	3640	78054	1.24%	0.052%
178	13.169	13.140	13.187	VV	7931	117859	1.87%	0.078%
179	13.205	13.187	13.242	VV	11555	212295	3.36%	0.141%
180	13.260	13.242	13.285	VV	5488	111016	1.76%	0.074%
181	13.314	13.285	13.351	VV	246761	2959445	46.83%	1.968%
182	13.384	13.351	13.462	VV	348478	4791232	75.82%	3.187%
183	13.494	13.462	13.526	VV	10184	197098	3.12%	0.131%
184	13.549	13.526	13.570	VV	6131	118363	1.87%	0.079%
185	13.593	13.570	13.630	VV	14453	259527	4.11%	0.173%
186	13.647	13.630	13.672	VV	5097	86567	1.37%	0.058%
187	13.723	13.672	13.753	VV	8578	210866	3.34%	0.140%
188	13.780	13.753	13.840	VV	18716	358020	5.67%	0.238%
189	13.911	13.840	13.952	VV	40828	813708	12.88%	0.541%
190	13.971	13.952	13.991	VV	6454	99503	1.57%	0.066%
191	14.018	13.991	14.039	VV	24064	336359	5.32%	0.224%
192	14.059	14.039	14.078	VV	20440	306443	4.85%	0.204%
193	14.090	14.078	14.117	VV	13079	192353	3.04%	0.128%
194	14.186	14.117	14.210	VV	17419	494273	7.82%	0.329%

195	14.230	14.210	14.271	VV	14440	253138	4.01%	0.168%
196	14.286	14.271	14.302	VV	3094	49423	0.78%	0.033%
197	14.347	14.302	14.371	VV	4963	144052	2.28%	0.096%
198	14.387	14.371	14.403	VV	2712	45985	0.73%	0.031%
199	14.417	14.403	14.466	VV	2196	49416	0.78%	0.033%
200	14.501	14.466	14.518	PV	2022	29171	0.46%	0.019%
201	14.537	14.518	14.560	VV	1592	29304	0.46%	0.019%
202	14.586	14.560	14.594	VV	5975	73908	1.17%	0.049%
203	14.617	14.594	14.637	VV	9797	182602	2.89%	0.121%
204	14.670	14.637	14.734	VV	12921	362299	5.73%	0.241%
205	14.752	14.734	14.770	VV	5053	91171	1.44%	0.061%
206	14.780	14.770	14.801	VV	3930	51734	0.82%	0.034%
207	14.835	14.801	14.863	VV	21050	345068	5.46%	0.230%
208	14.889	14.863	14.926	VV	25562	506583	8.02%	0.337%
209	14.949	14.926	14.964	VV	11006	176110	2.79%	0.117%
210	14.981	14.964	15.035	VV	15462	355881	5.63%	0.237%
211	15.052	15.035	15.060	VV	3363	45166	0.71%	0.030%
212	15.083	15.060	15.148	VV	7548	158374	2.51%	0.105%
213	15.204	15.148	15.224	PV	131152	1619304	25.63%	1.077%
214	15.246	15.224	15.335	VV	131402	2002487	31.69%	1.332%
215	15.367	15.335	15.389	VV	19368	295751	4.68%	0.197%
216	15.403	15.389	15.467	VV	6702	168730	2.67%	0.112%
217	15.486	15.467	15.498	VV	4633	58684	0.93%	0.039%
218	15.557	15.498	15.600	VV	11690	341771	5.41%	0.227%
219	15.627	15.600	15.681	VV	24729	475456	7.52%	0.316%
220	15.694	15.681	15.740	VV	3569	86428	1.37%	0.057%
221	15.766	15.740	15.776	VV	5400	68083	1.08%	0.045%
222	15.787	15.776	15.810	VV	4972	67121	1.06%	0.045%
223	15.838	15.810	15.859	PV	8793	111615	1.77%	0.074%
224	15.883	15.859	15.905	VV	26951	353504	5.59%	0.235%
225	15.922	15.905	15.956	VV	11862	196047	3.10%	0.130%
226	15.974	15.956	16.003	VV	4975	101366	1.60%	0.067%
227	16.029	16.003	16.092	VV	12470	384824	6.09%	0.256%
228	16.118	16.092	16.184	VV	6116	157430	2.49%	0.105%
229	16.209	16.184	16.248	VV	4808	73302	1.16%	0.049%
230	16.269	16.248	16.279	VV	3246	37407	0.59%	0.025%
231	16.301	16.279	16.344	VV	5089	132879	2.10%	0.088%
232	16.361	16.344	16.371	VV	1922	27907	0.44%	0.019%
233	16.384	16.371	16.405	VV	1723	25251	0.40%	0.017%
234	16.449	16.405	16.456	VV	905	22322	0.35%	0.015%
235	16.483	16.456	16.508	VV	3266	54537	0.86%	0.036%
236	16.538	16.508	16.548	PV	4146	58390	0.92%	0.039%
237	16.572	16.548	16.608	VV	8285	170927	2.70%	0.114%
238	16.647	16.608	16.672	VV	12739	242415	3.84%	0.161%
239	16.690	16.672	16.717	VV	6861	123102	1.95%	0.082%
240	16.775	16.717	16.794	VV	128529	1940706	30.71%	1.291%
241	16.803	16.794	16.871	VV	50200	754559	11.94%	0.502%
242	16.910	16.871	16.985	VV	20836	435358	6.89%	0.290%
243	17.059	16.985	17.070	VV	8281	186070	2.94%	0.124%
244	17.098	17.070	17.130	VV	73616	1033203	16.35%	0.687%
245	17.160	17.130	17.201	VV	92546	1409750	22.31%	0.938%
246	17.217	17.201	17.240	VV	11025	164242	2.60%	0.109%

247	17.266	17.240	17.295	VV	30194	462811	7.32%	0.308%
248	17.303	17.295	17.326	VV	6328	83148	1.32%	0.055%
249	17.341	17.326	17.355	VV	2894	41559	0.66%	0.028%
250	17.407	17.355	17.449	VV	6990	245417	3.88%	0.163%
251	17.466	17.449	17.488	VV	3275	54824	0.87%	0.036%
252	17.524	17.488	17.533	VV	10557	181085	2.87%	0.120%
253	17.549	17.533	17.572	VV	11212	224082	3.55%	0.149%
254	17.588	17.572	17.609	VV	10932	190445	3.01%	0.127%
255	17.622	17.609	17.631	VV	5829	72886	1.15%	0.048%
256	17.670	17.631	17.726	VV	27213	595695	9.43%	0.396%
257	17.756	17.726	17.774	VV	7222	142089	2.25%	0.095%
258	17.785	17.774	17.805	VV	5506	82938	1.31%	0.055%
259	17.825	17.805	17.905	VV	9855	243020	3.85%	0.162%
260	17.962	17.905	17.985	PV	2038	50038	0.79%	0.033%
261	18.028	17.985	18.038	VV	1060	20643	0.33%	0.014%
262	18.110	18.038	18.146	VV	23912	425507	6.73%	0.283%
263	18.200	18.146	18.218	VV	8397	225411	3.57%	0.150%
264	18.257	18.218	18.282	VV	11559	289721	4.58%	0.193%
265	18.312	18.282	18.320	VV	10289	185718	2.94%	0.124%
266	18.343	18.320	18.370	VV	10804	274251	4.34%	0.182%
267	18.379	18.370	18.413	VV	7520	156488	2.48%	0.104%
268	18.452	18.413	18.460	VV	25752	397606	6.29%	0.264%
269	18.473	18.460	18.503	VV	27271	502238	7.95%	0.334%
270	18.542	18.503	18.571	VV	78943	1546784	24.48%	1.029%
271	18.583	18.571	18.610	VV	22541	431971	6.84%	0.287%
272	18.628	18.610	18.651	VV	14730	283688	4.49%	0.189%
273	18.680	18.651	18.694	VV	23145	411785	6.52%	0.274%
274	18.708	18.694	18.739	VV	21206	459647	7.27%	0.306%
275	18.753	18.739	18.770	VV	13278	231611	3.67%	0.154%
276	18.801	18.770	18.852	VV	61329	1330197	21.05%	0.885%
277	18.944	18.852	18.998	VV	61332	1920798	30.40%	1.278%
278	19.052	18.998	19.091	VV	24020	1060982	16.79%	0.706%
279	19.122	19.091	19.153	VV	21475	726958	11.50%	0.484%
280	19.163	19.153	19.178	VV	20841	290400	4.60%	0.193%
281	19.195	19.178	19.219	VV	24010	494438	7.82%	0.329%
282	19.271	19.219	19.281	VV	23192	788022	12.47%	0.524%
283	19.305	19.281	19.316	VV	34945	607279	9.61%	0.404%
284	19.344	19.316	19.401	VV	55071	1621622	25.66%	1.079%
285	19.422	19.401	19.461	VV	21482	711632	11.26%	0.473%
286	19.507	19.461	19.533	VV	23406	910788	14.41%	0.606%
287	19.590	19.533	19.623	VV	25888	1263922	20.00%	0.841%
288	19.644	19.623	19.653	VV	25131	433044	6.85%	0.288%
289	19.730	19.653	19.761	VV	59266	2218469	35.11%	1.476%
290	19.832	19.761	19.875	VV	33305	2093838	33.14%	1.393%
291	19.919	19.875	19.927	VV	33418	956393	15.13%	0.636%
292	19.973	19.927	20.000	VV	60924	1990770	31.50%	1.324%
293	20.042	20.000	20.071	VV	61760	2261639	35.79%	1.504%
294	20.104	20.071	20.161	VV	84947	3223934	51.02%	2.144%
295	20.214	20.161	20.231	VV	50288	2098993	33.22%	1.396%
296	20.273	20.231	20.282	VV	59383	1666173	26.37%	1.108%
297	20.287	20.282	20.296	VV	57460	474766	7.51%	0.316%
298	20.323	20.296	20.331	VV	58485	1187847	18.80%	0.790%
299	20.364	20.331	20.410	VV	82117	3326483	52.64%	2.213%

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300	20.472	20.410	20.508	VV	88154	4227026	66.89%	2.812%
301	20.521	20.508	20.591	VV	70538	3377191	53.44%	2.246%
302	20.597	20.591	20.607	VV	69701	643078	10.18%	0.428%
303	20.632	20.607	20.641	VV	75518	1456998	23.06%	0.969%
304	20.712	20.641	20.734	VV	80010	4159275	65.82%	2.766%
305	20.743	20.734	20.782	VV	79137	2110712	33.40%	1.404%
306	20.795	20.782	20.805	VV	68675	930080	14.72%	0.619%
307	20.832	20.805	20.901	VV	80705	4125076	65.28%	2.744%
308	20.942	20.901	20.961	VV	70929	2429630	38.45%	1.616%
309	20.988	20.961	21.013	VV	66011	2036034	32.22%	1.354%
310	21.023	21.013	21.053	VV	64236	1490539	23.59%	0.991%
311	21.065	21.053	21.087	VV	63476	1244720	19.70%	0.828%
312	21.127	21.087	21.148	VV	62318	2200722	34.83%	1.464%
313	21.157	21.148	21.188	VV	61501	1365703	21.61%	0.908%
314	21.221	21.188	21.245	VV	58865	1840452	29.13%	1.224%
315	21.268	21.245	21.277	VV	56632	1031027	16.32%	0.686%
316	21.311	21.277	21.322	VV	60959	1605071	25.40%	1.068%
317	21.330	21.322	21.371	VV	58518	1633376	25.85%	1.086%
318	21.408	21.371	21.421	VV	55992	1619537	25.63%	1.077%
319	21.437	21.421	21.498	VV	56233	2360165	37.35%	1.570%
320	21.523	21.498	21.616	VV	46620	2834930	44.86%	1.886%
321	21.655	21.616	21.678	VV	41905	1364439	21.59%	0.908%
322	21.701	21.678	21.712	VV	38892	777295	12.30%	0.517%
323	21.720	21.712	21.765	VV	38383	1145548	18.13%	0.762%
324	21.776	21.765	21.795	VV	34452	576117	9.12%	0.383%
325	21.848	21.795	21.873	VV	32119	1437205	22.74%	0.956%
326	21.885	21.873	21.918	VV	30817	790521	12.51%	0.526%
327	21.948	21.918	21.962	VV	31654	760747	12.04%	0.506%
328	21.970	21.962	21.998	VV	26573	535322	8.47%	0.356%
329	22.017	21.998	22.073	VV	24769	1021460	16.16%	0.679%
330	22.085	22.073	22.107	VV	21591	404802	6.41%	0.269%
331	22.119	22.107	22.181	VV	18439	638041	10.10%	0.424%
332	22.246	22.181	22.256	VV	11697	460431	7.29%	0.306%
333	22.268	22.256	22.315	VV	10678	279887	4.43%	0.186%
334	22.337	22.315	22.358	VV	3719	50607	0.80%	0.034%

Sum of corrected areas: 150347361

Aliphatic EPH 103025.M Fri Nov 28 20:51:42 2025

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-10ADL			SDG No.:	Q3719
Lab Sample ID:	Q3719-01DL			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	76.2
Sample Wt/Vol:	30.07 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	16.6		2	2.38	10.5	mg/kg	12/01/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	56.9		2	3.09	5.24	mg/kg	12/01/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	12.4			40 - 140	50%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	13.0			40 - 140	52%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3719-01DL	Acq On:	01 Dec 2025 13:38
Client Sample ID:	Q3719-01DL	Operator:	YP\AJ
Data file:	FE057094.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.201	6.825	290785	1.449	300	ug/ml
Aliphatic C12-C16	6.826	10.270	1936335	9.53	200	ug/ml
Aliphatic C16-C21	10.271	13.644	7798807	39.325	300	ug/ml
Aliphatic C21-C28	13.645	17.313	9132076	45.948	400	ug/ml
Aliphatic C28-C40	17.314	22.242	65106178	325.694	600	ug/ml
Aliphatic EPH	3.201	22.242	84264181	421.947		ug/ml
ortho-Terphenyl (SURR)	11.938	11.938	2847054	12.97		ug/ml
1-chlorooctadecane (SURR)	13.376	13.376	2061269	12.39		ug/ml
Aliphatic C9-C28	3.201	17.313	19158003	96.252	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057094.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 13:38
Operator : YP\AJ
Sample : Q3719-01DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-10A

Integration File: autoint1.e
Quant Time: Dec 01 14:02:52 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)	11.938	2847054	12.974 ug/ml
Spiked Amount 50.000		Recovery = 25.95%	
12) S 1-chlorooctadecane (S...	13.376	2061269	12.385 ug/ml
Spiked Amount 50.000		Recovery = 24.77%	
Target Compounds			

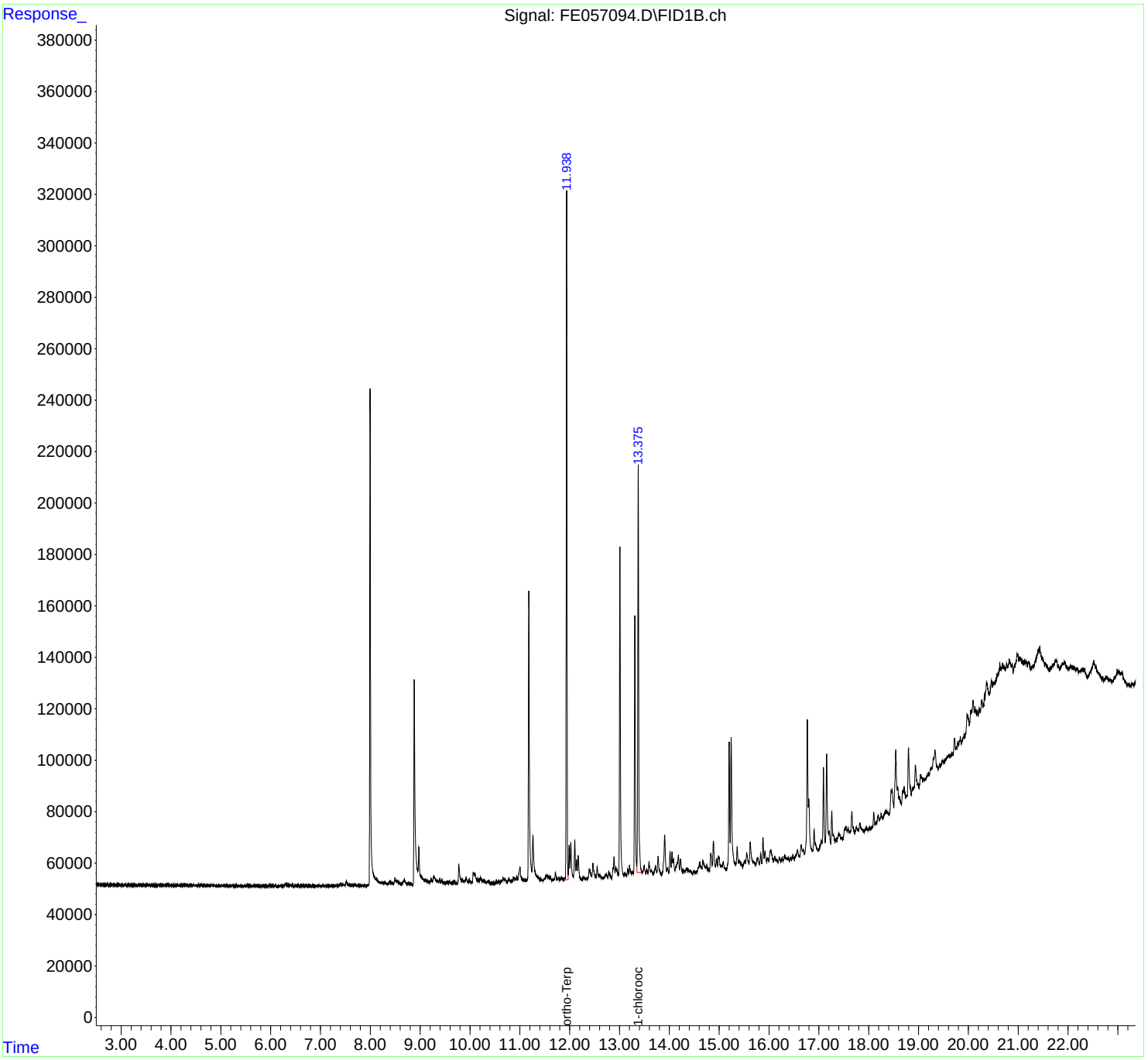
(f)=RT Delta > 1/2 Window (m)=manual int.

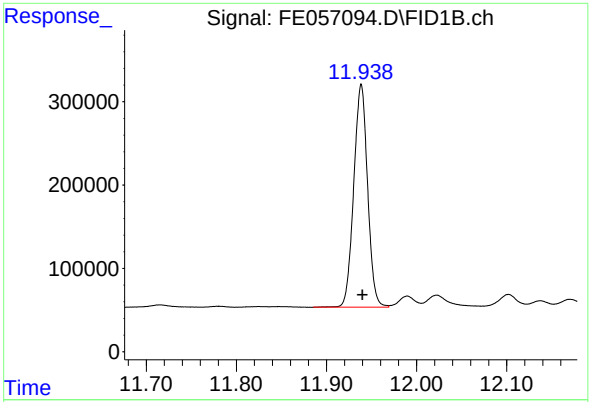
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057094.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 13:38
Operator : YP\AJ
Sample : Q3719-01DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-10A

Integration File: autoint1.e
Quant Time: Dec 01 14:02:52 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

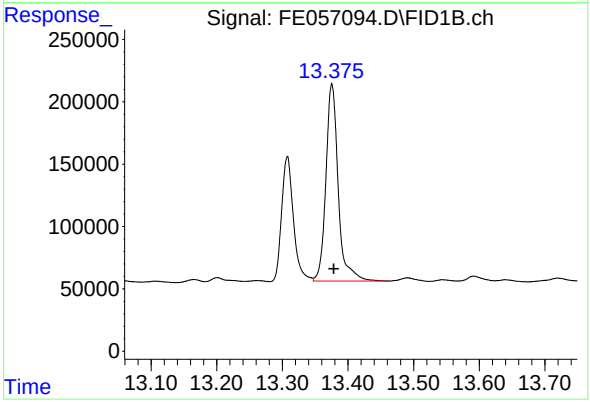




#9 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: -0.001 min
Response: 2847054
Conc: 12.97 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-10A



#12 1-chlorooctadecane (SURR)

R.T.: 13.376 min
Delta R.T.: -0.003 min
Response: 2061269
Conc: 12.39 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057094.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 13:38
Sample : Q3719-01DL 2X
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	2.553	2.525	2.595	BV	140	935	0.03%	0.001%
2	2.601	2.595	2.608	VV	54	256	0.01%	0.000%
3	2.620	2.608	2.708	PV	96	1655	0.06%	0.002%
4	2.732	2.708	2.770	PV	149	2146	0.07%	0.002%
5	2.802	2.770	2.879	VV	120	3815	0.13%	0.004%
6	2.892	2.879	2.913	VV	102	1333	0.05%	0.001%
7	2.929	2.913	2.945	VV	115	1478	0.05%	0.002%
8	2.955	2.945	2.979	VV	137	1423	0.05%	0.002%
9	3.002	2.979	3.025	VV	160	2706	0.09%	0.003%
10	3.031	3.025	3.054	VV	78	907	0.03%	0.001%
11	3.072	3.054	3.098	PV	218	2398	0.08%	0.003%
12	3.117	3.098	3.155	VV	109	2838	0.10%	0.003%
13	3.158	3.155	3.166	VV	154	640	0.02%	0.001%
14	3.176	3.166	3.201	VV	92	1334	0.05%	0.001%
15	3.207	3.201	3.278	VV	123	2846	0.10%	0.003%
16	3.297	3.278	3.328	VV	141	2832	0.10%	0.003%
17	3.340	3.328	3.374	VV	138	2822	0.10%	0.003%
18	3.384	3.374	3.394	VV	136	1021	0.03%	0.001%
19	3.421	3.394	3.438	VV	155	3018	0.10%	0.003%
20	3.470	3.438	3.518	VV	209	6212	0.21%	0.007%
21	3.527	3.518	3.560	VV	181	3346	0.11%	0.004%
22	3.578	3.560	3.592	VV	151	2397	0.08%	0.003%
23	3.618	3.592	3.688	VV	193	7814	0.27%	0.009%
24	3.710	3.688	3.745	VV	178	5342	0.18%	0.006%
25	3.750	3.745	3.774	VV	204	2810	0.10%	0.003%
26	3.782	3.774	3.789	VV	173	1326	0.05%	0.001%
27	3.831	3.789	3.865	VV	238	7025	0.24%	0.008%
28	3.878	3.865	3.891	VV	153	2005	0.07%	0.002%
29	3.917	3.891	3.965	VV	184	5992	0.20%	0.007%
30	3.976	3.965	4.008	VV	193	3709	0.13%	0.004%
31	4.015	4.008	4.062	VV	167	3921	0.13%	0.004%
32	4.090	4.062	4.104	VV	234	4025	0.14%	0.004%
33	4.109	4.104	4.182	VV	185	6404	0.22%	0.007%
34	4.195	4.182	4.221	VV	249	3371	0.12%	0.004%
35	4.239	4.221	4.270	VV	190	4413	0.15%	0.005%
36	4.288	4.270	4.310	VV	238	4544	0.16%	0.005%

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37	4.321	4.310	4.329	VV	210	2009	0.07%	0.002%
38	4.367	4.329	4.418	VV	224	8666	0.30%	0.009%
39	4.438	4.418	4.518	VV	203	8999	0.31%	0.010%
40	4.555	4.518	4.585	VV	278	6801	0.23%	0.007%
41	4.595	4.585	4.622	VV	233	4011	0.14%	0.004%
42	4.637	4.622	4.700	VV	206	7166	0.24%	0.008%
43	4.733	4.700	4.787	VV	233	8138	0.28%	0.009%
44	4.796	4.787	4.825	VV	141	3343	0.11%	0.004%
45	4.831	4.825	4.847	VV	203	2415	0.08%	0.003%
46	4.857	4.847	4.901	VV	210	4757	0.16%	0.005%
47	4.921	4.901	4.935	VV	162	2673	0.09%	0.003%
48	4.941	4.935	4.957	VV	110	1542	0.05%	0.002%
49	4.967	4.957	5.018	VV	185	4786	0.16%	0.005%
50	5.021	5.018	5.041	VV	150	1579	0.05%	0.002%
51	5.059	5.041	5.172	VV	214	9197	0.31%	0.010%
52	5.211	5.172	5.238	PV	151	3541	0.12%	0.004%
53	5.273	5.238	5.338	VV	153	6240	0.21%	0.007%
54	5.358	5.338	5.391	VV	132	2633	0.09%	0.003%
55	5.417	5.391	5.471	VV	65	1916	0.07%	0.002%
56	5.508	5.471	5.525	PV	73	1786	0.06%	0.002%
57	5.558	5.525	5.628	VV	174	5872	0.20%	0.006%
58	5.634	5.628	5.670	VV	72	1213	0.04%	0.001%
59	5.698	5.670	5.722	VV	231	3933	0.13%	0.004%
60	5.774	5.722	5.861	VV	109	4850	0.17%	0.005%
61	5.878	5.861	5.945	VV	134	2971	0.10%	0.003%
62	5.959	5.945	5.972	VV	131	1255	0.04%	0.001%
63	5.998	5.972	6.045	VV	204	5115	0.17%	0.006%
64	6.052	6.045	6.088	VV	151	3023	0.10%	0.003%
65	6.095	6.088	6.118	VV	122	1487	0.05%	0.002%
66	6.138	6.118	6.151	VV	103	950	0.03%	0.001%
67	6.156	6.151	6.161	VV	45	154	0.01%	0.000%
68	6.184	6.161	6.251	VV	110	2644	0.09%	0.003%
69	6.294	6.251	6.404	PV	653	35141	1.20%	0.039%
70	6.431	6.404	6.484	VV	441	12853	0.44%	0.014%
71	6.496	6.484	6.511	VV	240	3232	0.11%	0.004%
72	6.515	6.511	6.521	VV	202	1070	0.04%	0.001%
73	6.539	6.521	6.548	VV	240	2982	0.10%	0.003%
74	6.618	6.548	6.653	VV	267	9514	0.32%	0.010%
75	6.668	6.653	6.698	VV	155	3418	0.12%	0.004%
76	6.725	6.698	6.801	VV	261	8752	0.30%	0.010%
77	6.806	6.801	6.821	VV	86	963	0.03%	0.001%
78	6.848	6.821	6.863	VV	150	2020	0.07%	0.002%
79	6.877	6.863	6.907	VV	184	2711	0.09%	0.003%
80	6.919	6.907	6.935	PV	109	926	0.03%	0.001%
81	7.016	6.935	7.034	VV	132	2616	0.09%	0.003%
82	7.061	7.034	7.078	VV	99	1279	0.04%	0.001%
83	7.131	7.078	7.145	VV	101	2170	0.07%	0.002%
84	7.172	7.145	7.185	VV	90	1550	0.05%	0.002%
85	7.248	7.185	7.277	PV	100	3864	0.13%	0.004%
86	7.291	7.277	7.331	VV	135	2770	0.09%	0.003%
87	7.400	7.331	7.435	VV	719	23695	0.81%	0.026%
88	7.446	7.435	7.488	VV	636	13617	0.46%	0.015%
89	7.515	7.488	7.606	VV	1815	47650	1.63%	0.052%

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90	7.619	7.606	7.644	VV	350	6464	0.22%	0.007%
91	7.674	7.644	7.718	VV	423	10981	0.37%	0.012%
92	7.728	7.718	7.808	VV	217	5373	0.18%	0.006%
93	7.852	7.808	7.866	PV	106	2470	0.08%	0.003%
94	7.907	7.866	7.934	PV	134	1896	0.06%	0.002%
95	8.120	8.111	8.261	VV	2613	130309	4.45%	0.143%
96	8.285	8.261	8.358	VV	1137	47987	1.64%	0.053%
97	8.396	8.358	8.458	VV	1250	52109	1.78%	0.057%
98	8.494	8.458	8.512	VV	2690	46561	1.59%	0.051%
99	8.523	8.512	8.545	VV	1775	29198	1.00%	0.032%
100	8.554	8.545	8.625	VV	1315	35004	1.19%	0.038%
101	8.682	8.625	8.751	VV	1845	66522	2.27%	0.073%
102	8.771	8.751	8.801	VV	837	14826	0.51%	0.016%
103	8.811	8.801	8.849	VV	342	5663	0.19%	0.006%
104	8.973	8.953	9.191	VV	14478	453077	15.46%	0.496%
105	9.219	9.191	9.245	VV	2288	44068	1.50%	0.048%
106	9.272	9.245	9.328	VV	3018	103703	3.54%	0.114%
107	9.338	9.328	9.367	VV	1513	29876	1.02%	0.033%
108	9.389	9.367	9.414	VV	1949	36957	1.26%	0.040%
109	9.434	9.414	9.521	VV	1355	42012	1.43%	0.046%
110	9.546	9.521	9.568	VV	1203	19632	0.67%	0.022%
111	9.588	9.568	9.628	VV	832	18463	0.63%	0.020%
112	9.685	9.628	9.738	VV	1027	32164	1.10%	0.035%
113	9.777	9.738	9.831	VV	7371	151218	5.16%	0.166%
114	9.846	9.831	9.870	VV	1772	30080	1.03%	0.033%
115	9.892	9.870	9.902	VV	1295	19710	0.67%	0.022%
116	9.922	9.902	9.961	VV	2562	52952	1.81%	0.058%
117	9.982	9.961	10.038	VV	1408	38449	1.31%	0.042%
118	10.066	10.038	10.085	VV	4396	75019	2.56%	0.082%
119	10.098	10.085	10.154	VV	4116	102892	3.51%	0.113%
120	10.169	10.154	10.185	VV	1727	26507	0.90%	0.029%
121	10.209	10.185	10.249	VV	2284	59279	2.02%	0.065%
122	10.264	10.249	10.330	VV	1213	40046	1.37%	0.044%
123	10.369	10.330	10.431	VV	597	20783	0.71%	0.023%
124	10.447	10.431	10.488	PV	61	786	0.03%	0.001%
125	10.526	10.488	10.555	VV	631	13324	0.45%	0.015%
126	10.572	10.555	10.601	VV	492	10203	0.35%	0.011%
127	10.667	10.601	10.686	VV	1783	44238	1.51%	0.048%
128	10.703	10.686	10.748	VV	1668	29737	1.01%	0.033%
129	10.775	10.748	10.817	VV	1620	33231	1.13%	0.036%
130	10.834	10.817	10.851	VV	657	10458	0.36%	0.011%
131	10.873	10.851	10.893	VV	1732	31646	1.08%	0.035%
132	10.908	10.893	10.926	VV	1738	26329	0.90%	0.029%
133	10.944	10.926	10.960	VV	2175	30297	1.03%	0.033%
134	11.003	10.960	11.068	VV	5817	160762	5.48%	0.176%
135	11.081	11.068	11.128	VV	1178	24126	0.82%	0.026%
136	11.180	11.128	11.241	VV	112515	1570486	53.58%	1.721%
137	11.263	11.241	11.465	VV	18050	477345	16.29%	0.523%
138	11.546	11.465	11.568	VV	2091	78428	2.68%	0.086%
139	11.580	11.568	11.601	VV	1636	26004	0.89%	0.028%
140	11.614	11.601	11.645	VV	1650	23149	0.79%	0.025%
141	11.715	11.645	11.760	VV	2988	61984	2.11%	0.068%

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142	11.780	11.760	11.800	VV	1276	17097	0.58%	0.019%
143	11.825	11.800	11.836	VV	918	13679	0.47%	0.015%
144	11.848	11.836	11.885	VV	905	14291	0.49%	0.016%
145	11.938	11.885	11.969	VV	266422	2857330	97.48%	3.131%
146	11.990	11.969	12.005	VV	13408	166643	5.69%	0.183%
147	12.022	12.005	12.071	VV	14433	242292	8.27%	0.265%
148	12.102	12.071	12.122	VV	15291	220790	7.53%	0.242%
149	12.137	12.122	12.152	VV	7665	100589	3.43%	0.110%
150	12.170	12.152	12.251	VV	9303	164875	5.63%	0.181%
151	12.286	12.251	12.321	PV	1046	16973	0.58%	0.019%
152	12.394	12.321	12.441	VV	3958	103340	3.53%	0.113%
153	12.467	12.441	12.531	VV	6063	136502	4.66%	0.150%
154	12.551	12.531	12.589	VV	4701	77918	2.66%	0.085%
155	12.610	12.589	12.638	VV	1624	27262	0.93%	0.030%
156	12.644	12.638	12.678	VV	443	6819	0.23%	0.007%
157	12.716	12.678	12.726	VV	1302	19345	0.66%	0.021%
158	12.736	12.726	12.763	VV	1311	19462	0.66%	0.021%
159	12.783	12.763	12.840	VV	2533	51015	1.74%	0.056%
160	12.889	12.840	12.909	PV	8128	147245	5.02%	0.161%
161	12.927	12.909	12.981	VV	4070	111055	3.79%	0.122%
162	13.008	12.981	13.088	VV	128395	1681327	57.36%	1.842%
163	13.107	13.088	13.138	VV	1628	34730	1.18%	0.038%
164	13.165	13.138	13.182	VV	2950	47002	1.60%	0.051%
165	13.201	13.182	13.245	VV	4406	91953	3.14%	0.101%
166	13.262	13.245	13.281	VV	1970	36277	1.24%	0.040%
167	13.308	13.281	13.346	VV	101557	1300335	44.36%	1.425%
168	13.376	13.346	13.461	VV	159531	2165451	73.88%	2.373%
169	13.491	13.461	13.524	VV	4025	89020	3.04%	0.098%
170	13.545	13.524	13.566	VV	2345	44033	1.50%	0.048%
171	13.592	13.566	13.624	VV	5167	101176	3.45%	0.111%
172	13.640	13.624	13.675	VV	2215	42446	1.45%	0.047%
173	13.720	13.675	13.751	VV	3394	85805	2.93%	0.094%
174	13.775	13.751	13.837	VV	7356	146725	5.01%	0.161%
175	13.907	13.837	13.948	VV	15575	338418	11.55%	0.371%
176	13.965	13.948	13.987	VV	2669	43413	1.48%	0.048%
177	14.014	13.987	14.034	VV	8739	134083	4.57%	0.147%
178	14.054	14.034	14.072	VV	8860	133300	4.55%	0.146%
179	14.084	14.072	14.111	VV	5946	91873	3.13%	0.101%
180	14.181	14.111	14.205	VV	7438	218365	7.45%	0.239%
181	14.225	14.205	14.269	VV	5816	113198	3.86%	0.124%
182	14.285	14.269	14.302	VV	1283	21483	0.73%	0.024%
183	14.312	14.302	14.320	VV	1006	10502	0.36%	0.012%
184	14.345	14.320	14.375	VV	2193	50149	1.71%	0.055%
185	14.381	14.375	14.465	VV	1264	38671	1.32%	0.042%
186	14.495	14.465	14.521	PV	736	10855	0.37%	0.012%
187	14.537	14.521	14.553	VV	383	5338	0.18%	0.006%
188	14.612	14.553	14.632	VV	4056	102640	3.50%	0.112%
189	14.640	14.632	14.653	VV	2191	24918	0.85%	0.027%
190	14.672	14.653	14.729	VV	4375	125363	4.28%	0.137%
191	14.746	14.729	14.792	VV	2239	52658	1.80%	0.058%
192	14.832	14.792	14.859	VV	6884	137235	4.68%	0.150%
193	14.885	14.859	14.926	VV	11560	228048	7.78%	0.250%
194	14.948	14.926	14.966	VV	4432	75212	2.57%	0.082%

195	14.987	14.966	15.032	VV	5523	137645	4.70%	0.151%
196	15.044	15.032	15.058	VV	1684	24747	0.84%	0.027%
197	15.081	15.058	15.144	VV	3202	67574	2.31%	0.074%
198	15.199	15.144	15.219	PV	49289	655968	22.38%	0.719%
199	15.240	15.219	15.331	VV	50364	925268	31.57%	1.014%
200	15.361	15.331	15.388	VV	8112	141806	4.84%	0.155%
201	15.405	15.388	15.468	VV	2637	79417	2.71%	0.087%
202	15.506	15.468	15.527	VV	2213	50709	1.73%	0.056%
203	15.553	15.527	15.601	VV	5352	128982	4.40%	0.141%
204	15.623	15.601	15.678	VV	9399	204864	6.99%	0.224%
205	15.692	15.678	15.734	VV	1591	37887	1.29%	0.042%
206	15.777	15.734	15.804	VV	2657	69558	2.37%	0.076%
207	15.831	15.804	15.854	VV	4443	60962	2.08%	0.067%
208	15.879	15.854	15.902	VV	10397	148207	5.06%	0.162%
209	15.919	15.902	15.952	VV	5179	92519	3.16%	0.101%
210	15.972	15.952	15.995	VV	2234	44302	1.51%	0.049%
211	16.024	15.995	16.090	VV	4784	167699	5.72%	0.184%
212	16.112	16.090	16.185	VV	2104	60452	2.06%	0.066%
213	16.207	16.185	16.239	PV	1878	31219	1.07%	0.034%
214	16.259	16.239	16.281	VV	1357	18239	0.62%	0.020%
215	16.316	16.281	16.349	VV	1742	48797	1.66%	0.053%
216	16.380	16.349	16.404	VV	884	20116	0.69%	0.022%
217	16.477	16.404	16.503	VV	1231	31573	1.08%	0.035%
218	16.571	16.503	16.605	PV	3268	90134	3.08%	0.099%
219	16.646	16.605	16.670	VV	4984	110304	3.76%	0.121%
220	16.685	16.670	16.714	VV	3154	62034	2.12%	0.068%
221	16.769	16.714	16.789	VV	52684	848933	28.96%	0.930%
222	16.798	16.789	16.874	VV	22202	418376	14.27%	0.458%
223	16.905	16.874	16.995	VV	9858	274816	9.38%	0.301%
224	17.052	16.995	17.065	VV	4770	135657	4.63%	0.149%
225	17.093	17.065	17.128	VV	32984	519380	17.72%	0.569%
226	17.156	17.128	17.196	VV	38246	700345	23.89%	0.767%
227	17.208	17.196	17.234	VV	7854	140425	4.79%	0.154%
228	17.260	17.234	17.325	VV	15571	394910	13.47%	0.433%
229	17.401	17.325	17.441	VV	6369	334375	11.41%	0.366%
230	17.456	17.441	17.478	VV	4624	92904	3.17%	0.102%
231	17.544	17.478	17.570	VV	8516	365338	12.46%	0.400%
232	17.587	17.570	17.610	VV	7500	160644	5.48%	0.176%
233	17.662	17.610	17.720	VV	13726	507756	17.32%	0.556%
234	17.753	17.720	17.796	VV	7315	286906	9.79%	0.314%
235	17.821	17.796	17.905	VV	8537	416236	14.20%	0.456%
236	17.954	17.905	17.978	VV	6180	241524	8.24%	0.265%
237	18.020	17.978	18.041	VV	5783	209449	7.15%	0.229%
238	18.062	18.041	18.076	VV	5979	119134	4.06%	0.131%
239	18.102	18.076	18.128	VV	11300	257948	8.80%	0.283%
240	18.149	18.128	18.160	VV	7282	135814	4.63%	0.149%
241	18.191	18.160	18.213	VV	10068	277959	9.48%	0.305%
242	18.251	18.213	18.290	VV	10190	415924	14.19%	0.456%
243	18.350	18.290	18.363	VV	10883	439343	14.99%	0.481%
244	18.366	18.363	18.403	VV	10547	239937	8.19%	0.263%
245	18.468	18.403	18.503	VV	18560	861835	29.40%	0.944%
246	18.543	18.503	18.571	VV	33777	919969	31.39%	1.008%

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247	18.581	18.571	18.610	VV	19127	402030	13.72%	0.440%
248	18.620	18.610	18.649	VV	15115	328811	11.22%	0.360%
249	18.709	18.694	18.746	VV	18251	522303	17.82%	0.572%
250	18.759	18.746	18.768	VV	15253	201917	6.89%	0.221%
251	18.875	18.854	18.887	VV	17421	331530	11.31%	0.363%
252	19.041	19.007	19.086	VV	22111	965060	32.93%	1.057%
253	19.099	19.086	19.106	VV	20401	236244	8.06%	0.259%
254	19.419	19.395	19.434	VV	24511	562883	19.20%	0.617%
255	19.485	19.434	19.497	VV	25792	940955	32.10%	1.031%
256	19.633	19.625	19.645	VV	27269	324391	11.07%	0.355%
257	19.673	19.645	19.685	VV	27720	659141	22.49%	0.722%
258	19.723	19.685	19.742	VV	33364	1041454	35.53%	1.141%
259	19.754	19.742	19.764	VV	30136	382741	13.06%	0.419%
260	19.790	19.764	19.802	VV	32047	710065	24.23%	0.778%
261	19.839	19.802	19.857	VV	33457	1042258	35.56%	1.142%
262	20.046	20.018	20.055	VV	42817	888487	30.31%	0.973%
263	20.095	20.055	20.120	VV	46566	1710355	58.35%	1.874%
264	20.134	20.120	20.168	VV	43906	1223465	41.74%	1.340%
265	20.182	20.168	20.198	VV	42114	735259	25.09%	0.806%
266	20.217	20.198	20.241	VV	42574	1081554	36.90%	1.185%
267	20.365	20.333	20.418	VV	52894	2529929	86.31%	2.772%
268	20.573	20.489	20.582	VV	54961	2931048	100.00%	3.211%
269	20.630	20.582	20.659	VV	59195	2577573	87.94%	2.824%
270	20.688	20.659	20.712	VV	58218	1806503	61.63%	1.979%
271	20.746	20.736	20.752	VV	56744	564778	19.27%	0.619%
272	20.766	20.752	20.795	VV	58047	1439808	49.12%	1.578%
273	20.924	20.898	20.934	VV	56726	1203659	41.07%	1.319%
274	20.979	20.934	21.015	VV	60808	2844851	97.06%	3.117%
275	21.029	21.015	21.041	VV	59637	933747	31.86%	1.023%
276	21.050	21.041	21.068	VV	58975	947707	32.33%	1.038%
277	21.079	21.068	21.104	VV	58120	1238484	42.25%	1.357%
278	21.129	21.104	21.139	VV	57963	1205226	41.12%	1.321%
279	21.162	21.139	21.184	VV	57297	1503605	51.30%	1.647%
280	21.210	21.184	21.253	VV	56928	2330655	79.52%	2.554%
281	21.294	21.253	21.306	VV	55005	1736017	59.23%	1.902%
282	21.538	21.528	21.605	VV	55283	2477117	84.51%	2.714%
283	21.613	21.605	21.628	VV	52637	727325	24.81%	0.797%
284	21.686	21.671	21.701	VV	53641	959164	32.72%	1.051%
285	21.746	21.701	21.759	VV	55484	1881016	64.18%	2.061%
286	21.774	21.759	21.791	VV	55218	1056536	36.05%	1.158%
287	21.808	21.791	21.831	VV	53100	1243397	42.42%	1.362%
288	21.931	21.898	21.963	VV	53812	2057227	70.19%	2.254%
289	21.976	21.963	22.004	VV	52026	1275154	43.51%	1.397%
290	22.053	22.004	22.071	VV	52030	2060317	70.29%	2.257%
291	22.090	22.071	22.101	VV	51757	920555	31.41%	1.009%
292	22.122	22.101	22.161	VV	51062	1794732	61.23%	1.966%
293	22.175	22.161	22.238	VV	50505	2286150	78.00%	2.505%
294	22.282	22.238	22.301	VBA	49802	1958771	66.83%	2.146%

Sum of corrected areas: 91269606

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-10B			SDG No.:	Q3719
Lab Sample ID:	Q3719-02			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	86.5
Sample Wt/Vol:	30.01 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	27.7		1	1.36	2.31	mg/kg	FE057057.D	11/26/25 20:39	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	2.71	J	1	1.05	4.63	mg/kg	FE057057.D	11/26/25 20:39	PB170736
Total AliphaticEPH	Total AliphaticEPH	30.4			2.41	6.94	mg/kg			
Total EPH	Total EPH	30.4			2.41	6.94	mg/kg			

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

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

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

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-10B			SDG No.:	Q3719
Lab Sample ID:	Q3719-02			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	86.5
Sample Wt/Vol:	30.01 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	2.71	J	1	1.05	4.63	mg/kg	11/26/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	27.7		1	1.36	2.31	mg/kg	11/26/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.4			40 - 140	49%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	29.6			40 - 140	59%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3719-02	Acq On:	26 Nov 2025 20:39
Client Sample ID:	SB-1125-10B	Operator:	YP\AJ
Data file:	FE057057.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	3.202	6.826	426038	2.489	300	ug/ml
Aliphatic C12-C16	6.827	10.271	969199	5.422	200	ug/ml
Aliphatic C16-C21	10.272	13.644	1845953	9.898	300	ug/ml
Aliphatic C21-C28	13.645	17.314	3342099	17.338	400	ug/ml
Aliphatic C28-C40	17.315	22.241	57378863	360.161	600	ug/ml
Aliphatic EPH	3.202	22.241	63962152	395.307		ug/ml
ortho-Terphenyl (SURR)	11.946	11.946	6177142	29.57		ug/ml
1-chlorooctadecane (SURR)	13.383	13.383	3927044	24.37		ug/ml
Aliphatic C9-C28	3.202	17.314	6583289	35.147	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057057.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 20:39
Operator : YP\AJ
Sample : Q3719-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-10B

Integration File: sample.E
Quant Time: Nov 27 00:39:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 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)	11.946	6177142	29.568 ug/ml
Spiked Amount 50.000		Recovery =	59.14%
12) S 1-chlorooctadecane (S...	13.383	3927044	24.374 ug/ml
Spiked Amount 50.000		Recovery =	48.75%
Target Compounds			

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

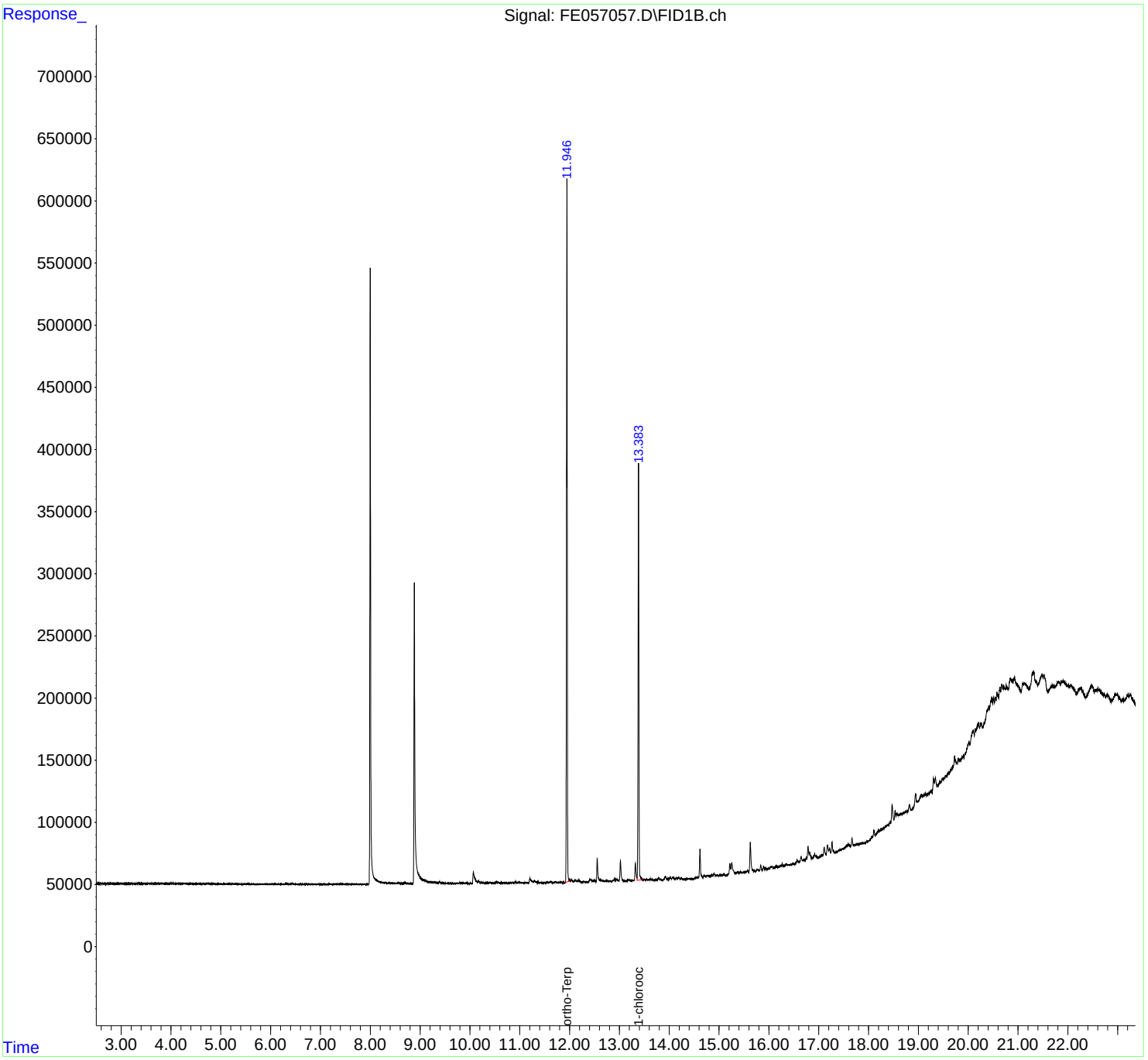
Quantitation Report (QT Reviewed)

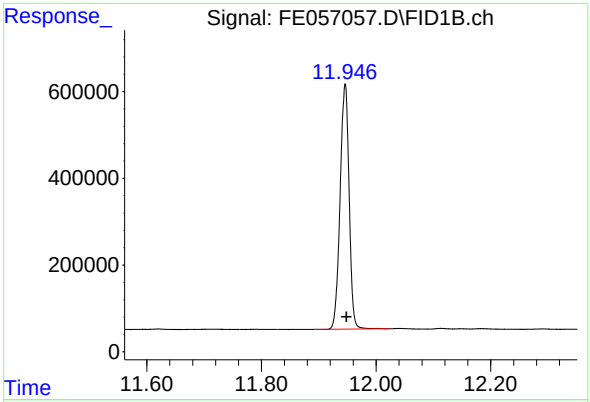
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057057.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 20:39
Operator : YP\AJ
Sample : Q3719-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-10B

Integration File: sample.E
Quant Time: Nov 27 00:39:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

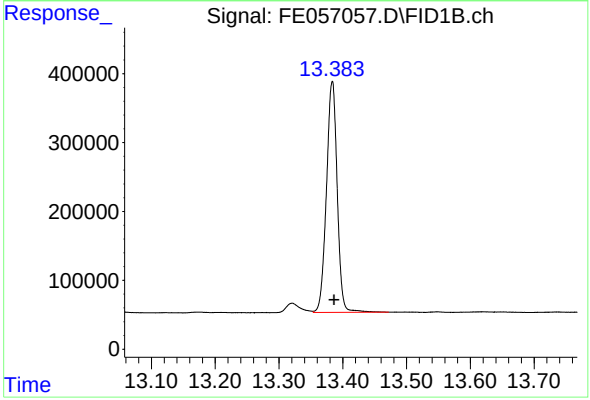




#9 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: -0.003 min
Response: 6177142
Conc: 29.57 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-10B



#12 1-chlorooctadecane (SURR)

R.T.: 13.383 min
Delta R.T.: -0.003 min
Response: 3927044
Conc: 24.37 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057057.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 20:39
Sample : Q3719-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	2.545	2.524	2.602	BV	78	1198	0.02%	0.002%
2	2.620	2.602	2.661	PV	92	1466	0.02%	0.002%
3	2.667	2.661	2.714	VV	78	1103	0.02%	0.001%
4	2.734	2.714	2.748	VV	160	2036	0.03%	0.003%
5	2.758	2.748	2.773	VV	125	1456	0.02%	0.002%
6	2.788	2.773	2.795	VV	111	1202	0.02%	0.002%
7	2.834	2.795	2.879	VV	182	5770	0.09%	0.008%
8	2.885	2.879	2.904	VV	122	1347	0.02%	0.002%
9	2.914	2.904	2.931	VV	123	1578	0.03%	0.002%
10	2.976	2.931	2.991	VV	135	3887	0.06%	0.005%
11	2.999	2.991	3.030	VV	184	2702	0.04%	0.004%
12	3.042	3.030	3.054	VV	123	1275	0.02%	0.002%
13	3.082	3.054	3.128	VV	223	5743	0.09%	0.008%
14	3.140	3.128	3.194	VV	187	4972	0.08%	0.007%
15	3.221	3.194	3.247	VV	208	4863	0.08%	0.006%
16	3.299	3.247	3.326	VV	285	9083	0.15%	0.012%
17	3.351	3.326	3.381	VV	244	6548	0.11%	0.009%
18	3.391	3.381	3.402	VV	273	2472	0.04%	0.003%
19	3.431	3.402	3.464	VV	299	8519	0.14%	0.011%
20	3.482	3.464	3.498	VV	271	4738	0.08%	0.006%
21	3.538	3.498	3.554	VV	322	9044	0.15%	0.012%
22	3.564	3.554	3.574	VV	302	3175	0.05%	0.004%
23	3.587	3.574	3.641	VV	282	9867	0.16%	0.013%
24	3.654	3.641	3.665	VV	359	4088	0.07%	0.005%
25	3.671	3.665	3.724	VV	343	9275	0.15%	0.012%
26	3.743	3.724	3.776	VV	288	7869	0.13%	0.010%
27	3.784	3.776	3.872	VV	276	15265	0.25%	0.020%
28	3.884	3.872	3.894	VV	280	3622	0.06%	0.005%
29	3.912	3.894	3.979	VV	323	13595	0.22%	0.018%
30	3.989	3.979	4.001	VV	280	3345	0.05%	0.004%
31	4.017	4.001	4.070	VV	363	10986	0.18%	0.015%
32	4.092	4.070	4.121	VV	378	8882	0.14%	0.012%
33	4.129	4.121	4.149	VV	308	4498	0.07%	0.006%
34	4.207	4.149	4.227	VV	341	11811	0.19%	0.016%
35	4.237	4.227	4.246	VV	248	2512	0.04%	0.003%
36	4.282	4.246	4.312	VV	329	10849	0.18%	0.014%

rteres

37	4.319	4.312	4.344	VV	254	4558	0.07%	0.006%
38	4.368	4.344	4.381	VV	327	5986	0.10%	0.008%
39	4.388	4.381	4.406	VV	280	4081	0.07%	0.005%
40	4.491	4.406	4.534	VV	348	21090	0.34%	0.028%
41	4.554	4.534	4.581	VV	433	9076	0.15%	0.012%
42	4.600	4.581	4.614	VV	300	5306	0.09%	0.007%
43	4.619	4.614	4.626	VV	271	1649	0.03%	0.002%
44	4.642	4.626	4.708	VV	297	11677	0.19%	0.016%
45	4.731	4.708	4.771	VV	484	12892	0.21%	0.017%
46	4.775	4.771	4.794	VV	398	3899	0.06%	0.005%
47	4.806	4.794	4.861	VV	324	9719	0.16%	0.013%
48	4.869	4.861	4.877	VV	248	2145	0.03%	0.003%
49	4.902	4.877	4.924	VV	254	6182	0.10%	0.008%
50	4.941	4.924	5.014	VV	244	10562	0.17%	0.014%
51	5.017	5.014	5.047	VV	255	3656	0.06%	0.005%
52	5.063	5.047	5.088	VV	269	4190	0.07%	0.006%
53	5.094	5.088	5.105	VV	157	1554	0.03%	0.002%
54	5.115	5.105	5.126	VV	181	1824	0.03%	0.002%
55	5.151	5.126	5.184	VV	180	4671	0.08%	0.006%
56	5.221	5.184	5.294	VV	344	11388	0.18%	0.015%
57	5.310	5.294	5.338	VV	172	3093	0.05%	0.004%
58	5.367	5.338	5.377	VV	132	2243	0.04%	0.003%
59	5.394	5.377	5.434	VV	94	2675	0.04%	0.004%
60	5.438	5.434	5.471	VV	120	1940	0.03%	0.003%
61	5.477	5.471	5.488	VV	87	944	0.02%	0.001%
62	5.497	5.488	5.507	VV	110	1018	0.02%	0.001%
63	5.540	5.507	5.568	VV	220	4469	0.07%	0.006%
64	5.572	5.568	5.584	VV	137	850	0.01%	0.001%
65	5.594	5.584	5.603	VV	77	865	0.01%	0.001%
66	5.635	5.603	5.678	VV	133	2802	0.05%	0.004%
67	5.698	5.678	5.791	VV	240	6168	0.10%	0.008%
68	5.806	5.791	5.824	VV	101	1302	0.02%	0.002%
69	5.839	5.824	5.853	PV	130	1262	0.02%	0.002%
70	5.898	5.853	5.931	VV	147	4265	0.07%	0.006%
71	5.990	5.931	6.074	VV	211	9327	0.15%	0.012%
72	6.082	6.074	6.101	VV	136	1856	0.03%	0.002%
73	6.112	6.101	6.188	VV	161	5360	0.09%	0.007%
74	6.196	6.188	6.210	VV	128	1120	0.02%	0.001%
75	6.221	6.210	6.257	VV	130	2423	0.04%	0.003%
76	6.300	6.257	6.341	VV	553	18316	0.30%	0.024%
77	6.347	6.341	6.401	VV	405	10735	0.17%	0.014%
78	6.436	6.401	6.484	VV	706	15776	0.25%	0.021%
79	6.495	6.484	6.505	VV	198	1945	0.03%	0.003%
80	6.526	6.505	6.582	VV	179	6186	0.10%	0.008%
81	6.622	6.582	6.641	VV	193	4451	0.07%	0.006%
82	6.644	6.641	6.652	VV	162	839	0.01%	0.001%
83	6.683	6.652	6.830	VV	208	12797	0.21%	0.017%
84	6.839	6.830	6.871	VV	127	2555	0.04%	0.003%
85	6.879	6.871	6.904	VV	311	2745	0.04%	0.004%
86	6.910	6.904	6.948	VV	94	1707	0.03%	0.002%
87	6.963	6.948	6.978	PV	105	1195	0.02%	0.002%
88	6.990	6.978	7.059	VV	136	3499	0.06%	0.005%
89	7.071	7.059	7.082	VV	69	1021	0.02%	0.001%

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90	7.095	7.082	7.126	VV	104	1905	0.03%	0.003%
91	7.138	7.126	7.148	VV	116	1144	0.02%	0.002%
92	7.156	7.148	7.174	VV	167	1123	0.02%	0.001%
93	7.188	7.174	7.201	VV	134	1777	0.03%	0.002%
94	7.252	7.201	7.265	VV	174	5013	0.08%	0.007%
95	7.274	7.265	7.284	VV	197	1555	0.03%	0.002%
96	7.300	7.284	7.318	VV	187	2678	0.04%	0.004%
97	7.346	7.318	7.378	VV	219	6052	0.10%	0.008%
98	7.408	7.378	7.434	VV	310	7333	0.12%	0.010%
99	7.449	7.434	7.495	VV	456	8540	0.14%	0.011%
100	7.525	7.495	7.568	VV	258	7722	0.12%	0.010%
101	7.627	7.568	7.648	VV	298	7690	0.12%	0.010%
102	7.677	7.648	7.784	VV	416	11516	0.19%	0.015%
103	7.794	7.784	7.894	VV	154	3747	0.06%	0.005%
104	7.901	7.894	7.911	VV	104	496	0.01%	0.001%
105	7.923	7.911	7.934	PV	54	441	0.01%	0.001%
106	8.247	8.238	8.340	VV	1407	71269	1.15%	0.095%
107	8.353	8.340	8.362	VV	909	11670	0.19%	0.016%
108	8.379	8.362	8.400	VV	1000	20089	0.32%	0.027%
109	8.418	8.400	8.454	VV	1122	26631	0.43%	0.036%
110	8.474	8.454	8.485	VV	761	12941	0.21%	0.017%
111	8.503	8.485	8.528	VV	843	18991	0.31%	0.025%
112	8.536	8.528	8.540	VV	782	5416	0.09%	0.007%
113	8.561	8.540	8.628	VV	1583	41924	0.68%	0.056%
114	8.693	8.628	8.763	VV	1372	52352	0.85%	0.070%
115	8.776	8.763	8.802	VV	303	6778	0.11%	0.009%
116	8.810	8.802	8.850	VV	319	6617	0.11%	0.009%
117	9.223	9.213	9.270	VV	1382	41585	0.67%	0.055%
118	9.304	9.270	9.370	VV	1274	64331	1.04%	0.086%
119	9.392	9.370	9.535	VV	1833	74133	1.20%	0.099%
120	9.553	9.535	9.580	VV	571	12195	0.20%	0.016%
121	9.593	9.580	9.611	VV	433	6453	0.10%	0.009%
122	9.621	9.611	9.631	VV	265	3075	0.05%	0.004%
123	9.648	9.631	9.661	VV	306	4955	0.08%	0.007%
124	9.698	9.661	9.741	VV	362	13435	0.22%	0.018%
125	9.795	9.741	9.842	VV	706	29474	0.48%	0.039%
126	9.853	9.842	9.878	VV	568	9237	0.15%	0.012%
127	9.896	9.878	9.913	VV	313	6243	0.10%	0.008%
128	9.936	9.913	9.992	VV	343	10562	0.17%	0.014%
129	10.010	9.992	10.030	VV	313	4439	0.07%	0.006%
130	10.069	10.030	10.154	VV	9125	254320	4.11%	0.339%
131	10.173	10.154	10.288	VV	2197	78630	1.27%	0.105%
132	10.294	10.288	10.314	VV	508	6971	0.11%	0.009%
133	10.352	10.314	10.364	VV	596	13782	0.22%	0.018%
134	10.390	10.364	10.428	VV	679	18841	0.30%	0.025%
135	10.447	10.428	10.472	VV	388	7688	0.12%	0.010%
136	10.534	10.472	10.551	VV	1060	25286	0.41%	0.034%
137	10.561	10.551	10.603	VV	796	14906	0.24%	0.020%
138	10.657	10.603	10.694	VV	530	19544	0.32%	0.026%
139	10.705	10.694	10.758	VV	419	10501	0.17%	0.014%
140	10.782	10.758	10.814	VV	389	9754	0.16%	0.013%
141	10.842	10.814	10.869	VV	513	11931	0.19%	0.016%

142	10.885	10.869	10.893	VV	382	4506	0.07%	0.006%
143	10.915	10.893	10.938	VV	1358	20029	0.32%	0.027%
144	10.953	10.938	10.968	VV	576	8374	0.14%	0.011%
145	10.988	10.968	11.078	VV	977	31610	0.51%	0.042%
146	11.106	11.078	11.115	VV	315	4750	0.08%	0.006%
147	11.136	11.115	11.175	VV	509	9944	0.16%	0.013%
148	11.204	11.175	11.269	VV	3625	102689	1.66%	0.137%
149	11.290	11.269	11.354	VV	1642	55568	0.90%	0.074%
150	11.364	11.354	11.404	VV	652	12846	0.21%	0.017%
151	11.427	11.404	11.467	VV	285	6964	0.11%	0.009%
152	11.510	11.467	11.524	PV	221	4613	0.07%	0.006%
153	11.553	11.524	11.578	VV	609	11057	0.18%	0.015%
154	11.620	11.578	11.661	VV	1324	26141	0.42%	0.035%
155	11.711	11.661	11.770	VV	711	20648	0.33%	0.028%
156	11.790	11.770	11.804	VV	495	6007	0.10%	0.008%
157	11.817	11.804	11.849	VV	341	5688	0.09%	0.008%
158	11.864	11.849	11.891	VV	200	2179	0.04%	0.003%
159	11.946	11.891	11.991	PV	558395	6192813	100.00%	8.261%
160	12.002	11.991	12.022	VV	2320	37309	0.60%	0.050%
161	12.041	12.022	12.089	VV	2122	55222	0.89%	0.074%
162	12.114	12.089	12.134	VV	2273	37361	0.60%	0.050%
163	12.149	12.134	12.165	VV	1347	19359	0.31%	0.026%
164	12.183	12.165	12.256	VV	1654	35894	0.58%	0.048%
165	12.291	12.256	12.321	PV	889	13351	0.22%	0.018%
166	12.338	12.321	12.365	PV	153	1702	0.03%	0.002%
167	12.412	12.365	12.464	VV	2352	69270	1.12%	0.092%
168	12.487	12.464	12.531	VV	1379	38033	0.61%	0.051%
169	12.554	12.531	12.606	VV	18754	269852	4.36%	0.360%
170	12.619	12.606	12.638	VV	1669	25807	0.42%	0.034%
171	12.651	12.638	12.711	VV	1134	33160	0.54%	0.044%
172	12.749	12.711	12.774	VV	855	21184	0.34%	0.028%
173	12.795	12.774	12.804	VV	548	7262	0.12%	0.010%
174	12.813	12.804	12.843	VV	458	6036	0.10%	0.008%
175	12.900	12.843	12.917	PV	1994	42991	0.69%	0.057%
176	12.935	12.917	12.953	VV	2019	30930	0.50%	0.041%
177	12.964	12.953	12.984	VV	1389	18923	0.31%	0.025%
178	13.021	12.984	13.108	VV	16500	273042	4.41%	0.364%
179	13.121	13.108	13.149	VV	415	7362	0.12%	0.010%
180	13.174	13.149	13.195	VV	1167	19574	0.32%	0.026%
181	13.209	13.195	13.260	VV	664	15858	0.26%	0.021%
182	13.275	13.260	13.288	VV	425	5393	0.09%	0.007%
183	13.321	13.288	13.352	VV	13998	217649	3.51%	0.290%
184	13.383	13.352	13.476	VV	338082	3977348	64.23%	5.306%
185	13.499	13.476	13.527	VV	871	22393	0.36%	0.030%
186	13.548	13.527	13.573	VV	1208	18826	0.30%	0.025%
187	13.620	13.573	13.637	VV	1184	29393	0.47%	0.039%
188	13.648	13.637	13.693	VV	894	16989	0.27%	0.023%
189	13.735	13.693	13.760	VV	650	14598	0.24%	0.019%
190	13.787	13.760	13.866	VV	1866	44247	0.71%	0.059%
191	13.921	13.866	13.958	PV	2880	72121	1.16%	0.096%
192	13.973	13.958	13.990	VV	774	12370	0.20%	0.017%
193	14.019	13.990	14.047	VV	1897	44471	0.72%	0.059%
194	14.067	14.047	14.077	VV	1855	25312	0.41%	0.034%

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195	14.089	14.077	14.114	VV	1920	28564	0.46%	0.038%
196	14.135	14.114	14.151	VV	1442	19564	0.32%	0.026%
197	14.192	14.151	14.217	VV	1874	47960	0.77%	0.064%
198	14.238	14.217	14.281	VV	1330	25823	0.42%	0.034%
199	14.295	14.281	14.330	VV	268	3635	0.06%	0.005%
200	14.393	14.330	14.418	PV	475	18160	0.29%	0.024%
201	14.434	14.418	14.446	VV	286	3484	0.06%	0.005%
202	14.462	14.446	14.476	VV	135	1591	0.03%	0.002%
203	14.536	14.476	14.557	PV	1226	24563	0.40%	0.033%
204	14.576	14.557	14.588	VV	1171	14846	0.24%	0.020%
205	14.617	14.588	14.674	VV	23595	320604	5.18%	0.428%
206	14.699	14.674	14.721	VV	2383	36525	0.59%	0.049%
207	14.765	14.721	14.773	VV	1410	34351	0.55%	0.046%
208	14.787	14.773	14.821	VV	1432	33500	0.54%	0.045%
209	14.853	14.821	14.871	VV	1355	31267	0.50%	0.042%
210	14.898	14.871	14.940	VV	2485	59163	0.96%	0.079%
211	14.964	14.940	14.990	VV	1165	24754	0.40%	0.033%
212	15.019	14.990	15.064	VV	863	27109	0.44%	0.036%
213	15.097	15.064	15.153	VV	1142	28152	0.45%	0.038%
214	15.217	15.153	15.235	PV	9176	154293	2.49%	0.206%
215	15.255	15.235	15.340	VV	9602	240055	3.88%	0.320%
216	15.374	15.340	15.399	VV	1760	38985	0.63%	0.052%
217	15.428	15.399	15.475	VV	1304	41358	0.67%	0.055%
218	15.484	15.475	15.501	VV	524	6580	0.11%	0.009%
219	15.535	15.501	15.544	VV	587	11852	0.19%	0.016%
220	15.569	15.544	15.594	VV	1548	27396	0.44%	0.037%
221	15.627	15.594	15.694	VV	23223	396841	6.41%	0.529%
222	15.713	15.694	15.738	VV	587	10821	0.17%	0.014%
223	15.764	15.738	15.808	VV	1687	31603	0.51%	0.042%
224	15.836	15.808	15.869	PV	4247	56316	0.91%	0.075%
225	15.893	15.869	15.916	VV	2597	34280	0.55%	0.046%
226	15.934	15.916	15.964	VV	1102	18621	0.30%	0.025%
227	15.989	15.964	16.008	VV	601	8712	0.14%	0.012%
228	16.062	16.008	16.103	VV	1420	49797	0.80%	0.066%
229	16.147	16.103	16.194	VV	1058	28277	0.46%	0.038%
230	16.230	16.194	16.244	VV	682	12290	0.20%	0.016%
231	16.265	16.244	16.294	VV	1781	25055	0.40%	0.033%
232	16.353	16.294	16.377	PV	1264	27141	0.44%	0.036%
233	16.409	16.377	16.421	VV	219	5430	0.09%	0.007%
234	16.494	16.421	16.514	PV	329	12418	0.20%	0.017%
235	16.563	16.514	16.621	PV	2281	57287	0.93%	0.076%
236	16.646	16.621	16.678	VV	4349	77190	1.25%	0.103%
237	16.705	16.678	16.725	VV	978	24569	0.40%	0.033%
238	16.751	16.725	16.764	VV	2569	37954	0.61%	0.051%
239	16.786	16.764	16.807	VV	11271	174527	2.82%	0.233%
240	16.819	16.807	16.878	VV	5942	121627	1.96%	0.162%
241	16.919	16.878	16.938	VV	3136	65691	1.06%	0.088%
242	16.947	16.938	16.997	VV	1396	25698	0.41%	0.034%
243	17.054	16.997	17.068	PV	914	16657	0.27%	0.022%
244	17.110	17.068	17.146	VV	6692	119202	1.92%	0.159%
245	17.176	17.146	17.200	VV	7956	140231	2.26%	0.187%
246	17.216	17.200	17.241	VV	4692	74991	1.21%	0.100%

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247	17.267	17.241	17.332	VV	9289	154631	2.50%	0.206%
248	17.352	17.332	17.361	PV	290	2433	0.04%	0.003%
249	17.483	17.361	17.501	VV	1242	60686	0.98%	0.081%
250	17.590	17.501	17.623	VV	3413	156932	2.53%	0.209%
251	17.669	17.623	17.718	VV	7348	156066	2.52%	0.208%
252	17.778	17.718	17.792	VV	1196	44402	0.72%	0.059%
253	17.799	17.792	17.810	VV	796	7900	0.13%	0.011%
254	17.839	17.810	17.861	VV	1184	25988	0.42%	0.035%
255	17.887	17.861	17.903	VV	493	10475	0.17%	0.014%
256	17.981	17.903	17.990	PV	310	7058	0.11%	0.009%
257	18.068	17.990	18.079	PV	1974	36392	0.59%	0.049%
258	18.109	18.079	18.132	VV	5970	97601	1.58%	0.130%
259	18.200	18.132	18.218	VV	3618	115090	1.86%	0.154%
260	18.258	18.218	18.277	VV	3042	89676	1.45%	0.120%
261	18.343	18.277	18.355	VV	2816	113450	1.83%	0.151%
262	18.433	18.355	18.444	VV	3799	148012	2.39%	0.197%
263	18.473	18.444	18.509	VV	16809	340920	5.51%	0.455%
264	18.533	18.509	18.550	VV	10429	174330	2.82%	0.233%
265	18.566	18.550	18.584	VV	7432	130935	2.11%	0.175%
266	18.597	18.584	18.614	VV	5597	92984	1.50%	0.124%
267	18.631	18.614	18.642	VV	5021	78933	1.27%	0.105%
268	18.701	18.642	18.713	VV	4269	179559	2.90%	0.240%
269	18.735	18.713	18.750	VV	4205	87693	1.42%	0.117%
270	18.768	18.750	18.780	VV	3552	60872	0.98%	0.081%
271	18.819	18.780	18.863	VV	7539	219556	3.55%	0.293%
272	18.943	18.863	18.968	VV	13135	365680	5.90%	0.488%
273	18.979	18.968	18.989	VV	6074	74555	1.20%	0.099%
274	19.065	18.989	19.085	VV	8676	417935	6.75%	0.558%
275	19.141	19.085	19.158	VV	7850	311834	5.04%	0.416%
276	19.172	19.158	19.184	VV	6532	99843	1.61%	0.133%
277	19.201	19.184	19.210	VV	6285	94697	1.53%	0.126%
278	19.257	19.210	19.274	VV	7549	249304	4.03%	0.333%
279	19.304	19.274	19.323	VV	15607	327237	5.28%	0.437%
280	19.341	19.323	19.376	VV	15525	381927	6.17%	0.509%
281	19.438	19.376	19.455	VV	9588	407189	6.58%	0.543%
282	19.481	19.455	19.491	VV	10794	213083	3.44%	0.284%
283	19.558	19.491	19.567	VV	11297	476117	7.69%	0.635%
284	19.616	19.567	19.625	VV	12438	410447	6.63%	0.548%
285	19.728	19.625	19.780	VV	22439	1457159	23.53%	1.944%
286	19.798	19.780	19.819	VV	18689	406605	6.57%	0.542%
287	19.830	19.819	19.851	VV	16989	315215	5.09%	0.420%
288	19.874	19.851	19.884	VV	17980	328781	5.31%	0.439%
289	19.902	19.884	19.916	VV	17906	338978	5.47%	0.452%
290	20.015	19.916	20.040	VV	25711	1623096	26.21%	2.165%
291	20.101	20.040	20.123	VV	33128	1506375	24.32%	2.009%
292	20.142	20.123	20.154	VV	33226	598337	9.66%	0.798%
293	20.208	20.154	20.229	VV	36291	1521036	24.56%	2.029%
294	20.251	20.229	20.287	VV	35330	1150136	18.57%	1.534%
295	20.415	20.287	20.424	VV	43849	3073204	49.63%	4.100%
296	20.468	20.424	20.491	VV	49646	1845081	29.79%	2.461%
297	20.508	20.491	20.526	VV	48521	977852	15.79%	1.304%
298	20.545	20.526	20.560	VV	47835	951179	15.36%	1.269%
299	20.576	20.560	20.588	VV	51534	808251	13.05%	1.078%

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300	20.602	20.588	20.612	VV	48985	688681	11.12%	0.919%
301	20.637	20.612	20.654	VV	53475	1277643	20.63%	1.704%
302	20.677	20.654	20.694	VV	54811	1297220	20.95%	1.730%
303	20.711	20.694	20.750	VV	53224	1701189	27.47%	2.269%
304	20.763	20.750	20.804	VV	51982	1603621	25.89%	2.139%
305	20.845	20.804	20.874	VV	54759	2190072	35.36%	2.922%
306	20.887	20.874	20.899	VV	53652	790099	12.76%	1.054%
307	20.912	20.899	20.920	VV	53849	654342	10.57%	0.873%
308	20.932	20.920	21.022	VV	54186	2936142	47.41%	3.917%
309	21.033	21.022	21.068	VV	42346	1104088	17.83%	1.473%
310	21.097	21.068	21.116	VV	45148	1237632	19.98%	1.651%
311	21.129	21.116	21.213	VV	44645	2402966	38.80%	3.206%
312	21.226	21.213	21.237	VV	38469	538806	8.70%	0.719%
313	21.285	21.237	21.295	VV	47651	1453111	23.46%	1.938%
314	21.314	21.295	21.354	VV	48254	1602299	25.87%	2.137%
315	21.366	21.354	21.397	VV	39539	963317	15.56%	1.285%
316	21.412	21.397	21.421	VV	36685	513765	8.30%	0.685%
317	21.486	21.421	21.503	VV	41868	1926477	31.11%	2.570%
318	21.520	21.503	21.598	VV	39981	1912842	30.89%	2.552%
319	21.687	21.598	21.698	VV	27921	1550052	25.03%	2.068%
320	21.707	21.698	21.721	VV	26105	365199	5.90%	0.487%
321	21.742	21.721	21.749	VV	25021	422430	6.82%	0.564%
322	21.795	21.749	21.804	VV	27204	852531	13.77%	1.137%
323	21.816	21.804	21.854	VV	27087	760748	12.28%	1.015%
324	21.869	21.854	21.907	VV	25913	779398	12.59%	1.040%
325	21.917	21.907	21.929	VV	24310	324542	5.24%	0.433%
326	21.936	21.929	21.951	VV	23118	287873	4.65%	0.384%
327	21.960	21.951	21.994	VV	21786	523802	8.46%	0.699%
328	22.012	21.994	22.024	VV	19641	330856	5.34%	0.441%
329	22.038	22.024	22.048	VV	17721	247150	3.99%	0.330%
330	22.062	22.048	22.168	VV	17453	970894	15.68%	1.295%
331	22.243	22.168	22.257	VV	10646	489156	7.90%	0.653%
332	22.273	22.257	22.348	VV	10017	306018	4.94%	0.408%

Sum of corrected areas: 74963215

Aliphatic EPH 103025.M Fri Nov 28 20:52:06 2025

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-11A			SDG No.:	Q3719
Lab Sample ID:	Q3719-03			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	80.3
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	24.8		1	1.47	2.49	mg/kg	FE057058.D	11/26/25 21:09	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	3.17	J	1	1.13	4.97	mg/kg	FE057058.D	11/26/25 21:09	PB170736
Total AliphaticEPH	Total AliphaticEPH	28.0			2.60	7.46	mg/kg			
Total EPH	Total EPH	28.0			2.60	7.46	mg/kg			

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

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

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

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-11A			SDG No.:	Q3719
Lab Sample ID:	Q3719-03			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	80.3
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	3.17	J	1	1.13	4.97	mg/kg	11/26/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	24.8		1	1.47	2.49	mg/kg	11/26/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	23.2			40 - 140	46%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	27.3			40 - 140	55%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3719-03	Acq On:	26 Nov 2025 21:09
Client Sample ID:	SB-1125-11A	Operator:	YP\AJ
Data file:	FE057058.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	3.202	6.826	447074	2.612	300	ug/ml
Aliphatic C12-C16	6.827	10.271	1196434	6.693	200	ug/ml
Aliphatic C16-C21	10.272	13.644	1769964	9.49	300	ug/ml
Aliphatic C21-C28	13.645	17.314	3737830	19.39	400	ug/ml
Aliphatic C28-C40	17.315	22.241	47665448	299.191	600	ug/ml
Aliphatic EPH	3.202	22.241	54816750	337.376		ug/ml
ortho-Terphenyl (SURR)	11.946	11.946	5711793	27.34		ug/ml
1-chlorooctadecane (SURR)	13.383	13.383	3740076	23.21		ug/ml
Aliphatic C9-C28	3.202	17.314	7151302	38.185	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057058.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 21:09
Operator : YP\AJ
Sample : Q3719-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-11A

Integration File: sample.E
Quant Time: Nov 27 00:39:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 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)	11.946	5711793	27.341 ug/ml
Spiked Amount 50.000		Recovery =	54.68%
12) S 1-chlorooctadecane (S...	13.383	3740076	23.213 ug/ml
Spiked Amount 50.000		Recovery =	46.43%
Target Compounds			

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

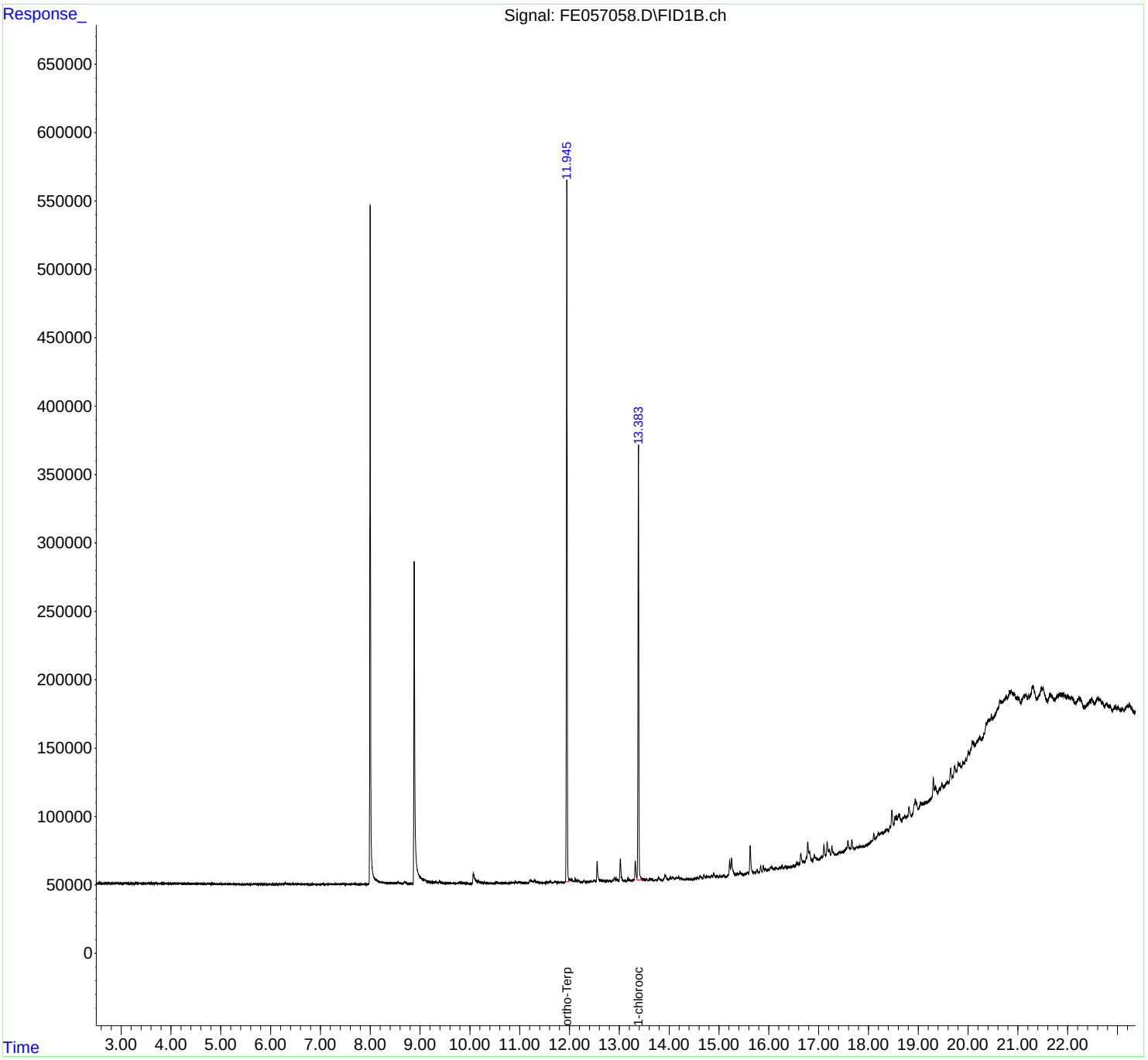
Quantitation Report (QT Reviewed)

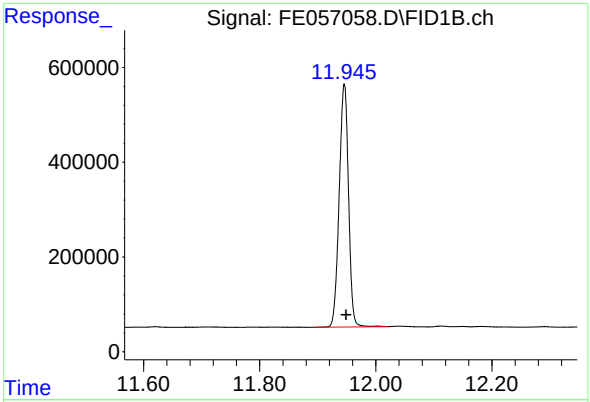
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057058.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 21:09
Operator : YP\AJ
Sample : Q3719-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-11A

Integration File: sample.E
Quant Time: Nov 27 00:39:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

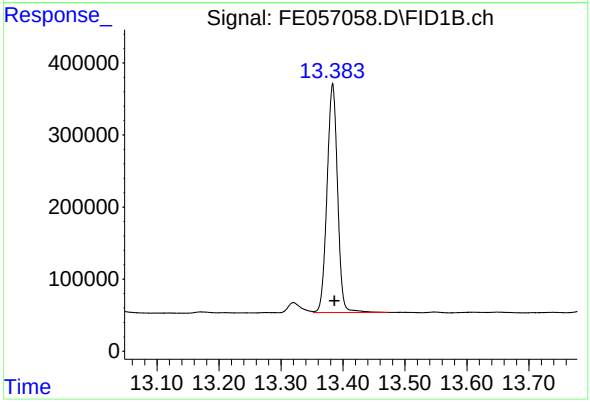




#9 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: -0.003 min
Response: 5711793
Conc: 27.34 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-11A



#12 1-chlorooctadecane (SURR)

R.T.: 13.383 min
Delta R.T.: -0.003 min
Response: 3740076
Conc: 23.21 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057058.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 21:09
Sample : Q3719-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	2.615	2.608	2.625	PV	82	384	0.01%	0.001%
2	2.648	2.625	2.674	VV	142	1851	0.03%	0.003%
3	2.686	2.674	2.710	PV	113	1389	0.02%	0.002%
4	2.744	2.710	2.771	VV	240	4643	0.08%	0.007%
5	2.798	2.771	2.825	VV	181	4178	0.07%	0.006%
6	2.837	2.825	2.875	VV	210	4340	0.08%	0.007%
7	2.878	2.875	2.891	VV	215	1550	0.03%	0.002%
8	2.902	2.891	2.967	VV	193	6559	0.11%	0.010%
9	2.987	2.967	3.058	VV	247	7554	0.13%	0.012%
10	3.070	3.058	3.094	VV	169	2876	0.05%	0.004%
11	3.101	3.094	3.109	VV	184	1226	0.02%	0.002%
12	3.119	3.109	3.164	VV	182	3563	0.06%	0.006%
13	3.230	3.164	3.248	VV	184	5794	0.10%	0.009%
14	3.258	3.248	3.268	VV	173	1652	0.03%	0.003%
15	3.299	3.268	3.375	VV	332	12817	0.22%	0.020%
16	3.385	3.375	3.395	VV	199	1970	0.03%	0.003%
17	3.402	3.395	3.425	VV	176	3319	0.06%	0.005%
18	3.431	3.425	3.488	VV	226	7448	0.13%	0.012%
19	3.518	3.488	3.529	VV	252	5498	0.10%	0.009%
20	3.578	3.529	3.601	VV	265	9357	0.16%	0.015%
21	3.620	3.601	3.638	VV	337	6092	0.11%	0.009%
22	3.652	3.638	3.675	VV	438	7554	0.13%	0.012%
23	3.686	3.675	3.708	VV	293	4761	0.08%	0.007%
24	3.747	3.708	3.769	VV	303	8312	0.15%	0.013%
25	3.794	3.769	3.839	VV	293	9651	0.17%	0.015%
26	3.845	3.839	3.899	VV	253	7721	0.13%	0.012%
27	3.909	3.899	3.918	VV	257	2333	0.04%	0.004%
28	3.932	3.918	3.958	VV	288	5498	0.10%	0.009%
29	3.988	3.958	4.043	VV	323	10202	0.18%	0.016%
30	4.091	4.043	4.108	VV	328	8515	0.15%	0.013%
31	4.129	4.108	4.179	VV	284	9516	0.17%	0.015%
32	4.198	4.179	4.239	VV	249	6361	0.11%	0.010%
33	4.258	4.239	4.266	VV	200	2806	0.05%	0.004%
34	4.294	4.266	4.336	VV	299	10460	0.18%	0.016%
35	4.354	4.336	4.420	VV	317	11010	0.19%	0.017%
36	4.435	4.420	4.458	VV	273	4948	0.09%	0.008%

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37	4.465	4.458	4.541	VV	256	11109	0.19%	0.017%
38	4.556	4.541	4.591	VV	437	9411	0.16%	0.015%
39	4.598	4.591	4.612	VV	241	2982	0.05%	0.005%
40	4.632	4.612	4.650	VV	308	5444	0.10%	0.008%
41	4.660	4.650	4.713	VV	319	7467	0.13%	0.012%
42	4.733	4.713	4.787	VV	427	12781	0.22%	0.020%
43	4.811	4.787	4.820	VV	380	4735	0.08%	0.007%
44	4.839	4.820	4.852	VV	419	5701	0.10%	0.009%
45	4.861	4.852	4.885	VV	294	4362	0.08%	0.007%
46	4.887	4.885	5.051	VV	293	18398	0.32%	0.029%
47	5.063	5.051	5.079	VV	243	3028	0.05%	0.005%
48	5.083	5.079	5.115	VV	206	2842	0.05%	0.004%
49	5.128	5.115	5.195	VV	168	5314	0.09%	0.008%
50	5.215	5.195	5.254	VV	224	4451	0.08%	0.007%
51	5.265	5.254	5.290	VV	125	1961	0.03%	0.003%
52	5.308	5.290	5.371	VV	186	5515	0.10%	0.009%
53	5.376	5.371	5.411	VV	148	2095	0.04%	0.003%
54	5.435	5.411	5.460	PV	139	2271	0.04%	0.004%
55	5.471	5.460	5.490	VV	140	1383	0.02%	0.002%
56	5.500	5.490	5.520	VV	102	1855	0.03%	0.003%
57	5.534	5.520	5.555	VV	208	3069	0.05%	0.005%
58	5.560	5.555	5.591	VV	161	3147	0.05%	0.005%
59	5.602	5.591	5.628	VV	177	3330	0.06%	0.005%
60	5.651	5.628	5.676	VV	179	3911	0.07%	0.006%
61	5.699	5.676	5.754	VV	400	9084	0.16%	0.014%
62	5.764	5.754	5.772	VV	155	1175	0.02%	0.002%
63	5.780	5.772	5.795	VV	164	1607	0.03%	0.002%
64	5.824	5.795	5.835	VV	162	3377	0.06%	0.005%
65	5.847	5.835	5.860	VV	132	1832	0.03%	0.003%
66	5.878	5.860	5.915	VV	280	5818	0.10%	0.009%
67	5.955	5.915	5.975	PV	178	4197	0.07%	0.007%
68	5.993	5.975	6.025	VV	230	5432	0.09%	0.008%
69	6.033	6.025	6.077	VV	225	4975	0.09%	0.008%
70	6.098	6.077	6.154	VV	191	4933	0.09%	0.008%
71	6.172	6.154	6.210	PV	113	2317	0.04%	0.004%
72	6.226	6.210	6.250	VV	159	2773	0.05%	0.004%
73	6.295	6.250	6.365	VV	865	31097	0.54%	0.048%
74	6.372	6.365	6.405	VV	381	6664	0.12%	0.010%
75	6.437	6.405	6.461	VV	654	13328	0.23%	0.021%
76	6.471	6.461	6.495	VV	381	6458	0.11%	0.010%
77	6.514	6.495	6.578	VV	443	14824	0.26%	0.023%
78	6.589	6.578	6.611	VV	346	5536	0.10%	0.009%
79	6.626	6.611	6.657	VV	380	8111	0.14%	0.013%
80	6.679	6.657	6.708	VV	274	7128	0.12%	0.011%
81	6.729	6.708	6.800	VV	450	11282	0.20%	0.018%
82	6.812	6.800	6.861	VV	265	4969	0.09%	0.008%
83	6.882	6.861	6.981	VV	430	8231	0.14%	0.013%
84	6.988	6.981	6.998	VV	101	582	0.01%	0.001%
85	7.002	6.998	7.007	VV	73	298	0.01%	0.000%
86	7.020	7.007	7.034	VV	158	1702	0.03%	0.003%
87	7.058	7.034	7.101	VV	217	5125	0.09%	0.008%
88	7.121	7.101	7.164	VV	267	6271	0.11%	0.010%
89	7.206	7.164	7.283	VV	350	17005	0.30%	0.026%

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90	7.298	7.283	7.328	VV	363	7022	0.12%	0.011%
91	7.349	7.328	7.368	VV	369	6371	0.11%	0.010%
92	7.414	7.368	7.425	VV	403	10758	0.19%	0.017%
93	7.449	7.425	7.490	VV	788	15018	0.26%	0.023%
94	7.524	7.490	7.565	VV	366	12048	0.21%	0.019%
95	7.623	7.565	7.648	VV	325	12868	0.22%	0.020%
96	7.679	7.648	7.713	VV	776	15146	0.26%	0.024%
97	7.720	7.713	7.758	VV	330	6144	0.11%	0.010%
98	7.763	7.758	7.792	VV	156	3008	0.05%	0.005%
99	7.861	7.792	7.875	VV	218	7709	0.13%	0.012%
100	7.908	7.875	7.928	PV	129	2010	0.04%	0.003%
101	8.251	8.236	8.361	VV	1480	86462	1.51%	0.134%
102	8.380	8.361	8.429	VV	1075	36139	0.63%	0.056%
103	8.442	8.429	8.450	VV	772	9339	0.16%	0.015%
104	8.465	8.450	8.488	VV	798	16768	0.29%	0.026%
105	8.501	8.488	8.521	VV	900	15738	0.27%	0.024%
106	8.561	8.521	8.642	VV	1581	57778	1.01%	0.090%
107	8.653	8.642	8.657	VV	522	4512	0.08%	0.007%
108	8.690	8.657	8.786	VV	2150	64692	1.13%	0.100%
109	8.796	8.786	8.805	VV	310	3186	0.06%	0.005%
110	8.812	8.805	8.838	VV	394	5856	0.10%	0.009%
111	9.099	9.087	9.271	VV	3079	193649	3.38%	0.301%
112	9.304	9.271	9.361	VV	1385	61000	1.07%	0.095%
113	9.393	9.361	9.429	VV	2323	55075	0.96%	0.086%
114	9.437	9.429	9.532	VV	940	37657	0.66%	0.058%
115	9.551	9.532	9.576	VV	647	13275	0.23%	0.021%
116	9.596	9.576	9.630	VV	472	12361	0.22%	0.019%
117	9.656	9.630	9.738	VV	449	21932	0.38%	0.034%
118	9.797	9.738	9.841	VV	754	34042	0.59%	0.053%
119	9.851	9.841	9.873	VV	618	9377	0.16%	0.015%
120	9.897	9.873	9.918	VV	415	9147	0.16%	0.014%
121	9.932	9.918	9.995	VV	385	12092	0.21%	0.019%
122	10.008	9.995	10.035	VV	268	3471	0.06%	0.005%
123	10.071	10.035	10.155	VV	7635	215921	3.77%	0.335%
124	10.172	10.155	10.321	VV	2109	79649	1.39%	0.124%
125	10.344	10.321	10.368	VV	445	8319	0.15%	0.013%
126	10.376	10.368	10.433	VV	304	6881	0.12%	0.011%
127	10.443	10.433	10.478	VV	146	2173	0.04%	0.003%
128	10.534	10.478	10.548	VV	849	16127	0.28%	0.025%
129	10.561	10.548	10.608	VV	781	13330	0.23%	0.021%
130	10.652	10.608	10.684	VV	407	12545	0.22%	0.019%
131	10.709	10.684	10.758	VV	391	9509	0.17%	0.015%
132	10.785	10.758	10.814	VV	347	6997	0.12%	0.011%
133	10.840	10.814	10.869	VV	432	10629	0.19%	0.017%
134	10.915	10.869	10.938	VV	1337	23593	0.41%	0.037%
135	10.952	10.938	10.967	VV	491	7278	0.13%	0.011%
136	10.989	10.967	11.011	VV	972	17119	0.30%	0.027%
137	11.028	11.011	11.085	VV	487	13738	0.24%	0.021%
138	11.135	11.085	11.178	VV	408	10722	0.19%	0.017%
139	11.206	11.178	11.271	PV	2584	79420	1.39%	0.123%
140	11.292	11.271	11.413	VV	1777	70593	1.23%	0.110%
141	11.424	11.413	11.471	VV	244	4551	0.08%	0.007%

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142	11.503	11.471	11.526	PV	176	3431	0.06%	0.005%
143	11.552	11.526	11.573	VV	618	9029	0.16%	0.014%
144	11.621	11.573	11.658	VV	1407	26285	0.46%	0.041%
145	11.715	11.658	11.769	VV	711	19967	0.35%	0.031%
146	11.788	11.769	11.805	VV	432	4827	0.08%	0.007%
147	11.820	11.805	11.860	VV	334	6512	0.11%	0.010%
148	11.870	11.860	11.895	VV	161	1669	0.03%	0.003%
149	11.946	11.895	11.991	VV	512493	5727478	100.00%	8.893%
150	12.003	11.991	12.022	VV	2390	38081	0.66%	0.059%
151	12.042	12.022	12.090	VV	2200	58531	1.02%	0.091%
152	12.113	12.090	12.134	VV	2494	40883	0.71%	0.063%
153	12.148	12.134	12.165	VV	1520	22783	0.40%	0.035%
154	12.182	12.165	12.265	VV	1519	35812	0.63%	0.056%
155	12.291	12.265	12.325	VV	1146	16186	0.28%	0.025%
156	12.354	12.325	12.370	PV	300	4987	0.09%	0.008%
157	12.425	12.370	12.458	VV	743	22080	0.39%	0.034%
158	12.494	12.458	12.531	VV	1317	34084	0.60%	0.053%
159	12.554	12.531	12.608	VV	15229	231173	4.04%	0.359%
160	12.618	12.608	12.638	VV	1584	22327	0.39%	0.035%
161	12.651	12.638	12.728	VV	1065	38566	0.67%	0.060%
162	12.754	12.728	12.775	VV	1214	20577	0.36%	0.032%
163	12.794	12.775	12.845	VV	801	19534	0.34%	0.030%
164	12.899	12.845	12.916	VV	2727	56083	0.98%	0.087%
165	12.934	12.916	12.955	VV	2471	40368	0.70%	0.063%
166	12.964	12.955	12.985	VV	1101	15935	0.28%	0.025%
167	13.020	12.985	13.103	VV	16574	280068	4.89%	0.435%
168	13.118	13.103	13.147	VV	444	7642	0.13%	0.012%
169	13.172	13.147	13.197	VV	1894	33330	0.58%	0.052%
170	13.208	13.197	13.225	VV	803	11311	0.20%	0.018%
171	13.240	13.225	13.251	VV	588	8378	0.15%	0.013%
172	13.277	13.251	13.298	VV	894	19884	0.35%	0.031%
173	13.320	13.298	13.352	VV	14658	224932	3.93%	0.349%
174	13.383	13.352	13.475	VV	317463	3804559	66.43%	5.908%
175	13.495	13.475	13.527	VV	1101	28411	0.50%	0.044%
176	13.548	13.527	13.571	VV	1460	22938	0.40%	0.036%
177	13.611	13.571	13.635	VV	1156	29836	0.52%	0.046%
178	13.649	13.635	13.698	VV	1242	26593	0.46%	0.041%
179	13.738	13.698	13.760	VV	889	20597	0.36%	0.032%
180	13.788	13.760	13.851	VV	2273	54559	0.95%	0.085%
181	13.922	13.851	13.965	PV	3928	105308	1.84%	0.164%
182	13.974	13.965	13.992	VV	1080	13402	0.23%	0.021%
183	14.025	13.992	14.048	VV	2287	45630	0.80%	0.071%
184	14.068	14.048	14.113	VV	2348	60770	1.06%	0.094%
185	14.137	14.113	14.150	VV	1758	27790	0.49%	0.043%
186	14.164	14.150	14.178	VV	1644	25530	0.45%	0.040%
187	14.191	14.178	14.216	VV	2390	36440	0.64%	0.057%
188	14.235	14.216	14.275	VV	1587	30835	0.54%	0.048%
189	14.294	14.275	14.338	VV	294	6254	0.11%	0.010%
190	14.358	14.338	14.375	VV	535	8791	0.15%	0.014%
191	14.383	14.375	14.413	VV	497	6689	0.12%	0.010%
192	14.428	14.413	14.466	VV	422	5915	0.10%	0.009%
193	14.533	14.466	14.557	PV	906	24295	0.42%	0.038%
194	14.575	14.557	14.593	VV	995	13892	0.24%	0.022%

195	14.619	14.593	14.673	VV	2356	55069	0.96%	0.086%
196	14.699	14.673	14.727	VV	2831	46716	0.82%	0.073%
197	14.761	14.727	14.775	VV	1573	37499	0.65%	0.058%
198	14.788	14.775	14.825	VV	1374	30745	0.54%	0.048%
199	14.853	14.825	14.873	VV	1734	38048	0.66%	0.059%
200	14.898	14.873	14.938	VV	3113	69740	1.22%	0.108%
201	14.960	14.938	14.991	VV	1346	27192	0.47%	0.042%
202	15.016	14.991	15.039	VV	1101	22320	0.39%	0.035%
203	15.058	15.039	15.070	VV	693	11360	0.20%	0.018%
204	15.099	15.070	15.152	VV	2054	39275	0.69%	0.061%
205	15.176	15.152	15.187	PV	1421	16581	0.29%	0.026%
206	15.214	15.187	15.232	VV	11564	172138	3.01%	0.267%
207	15.253	15.232	15.341	VV	12327	303561	5.30%	0.471%
208	15.372	15.341	15.397	VV	1732	36830	0.64%	0.057%
209	15.422	15.397	15.495	VV	1916	52033	0.91%	0.081%
210	15.569	15.495	15.595	PV	1288	32764	0.57%	0.051%
211	15.627	15.595	15.691	VV	20027	335893	5.86%	0.522%
212	15.718	15.691	15.738	VV	494	10611	0.19%	0.016%
213	15.763	15.738	15.802	VV	2355	31116	0.54%	0.048%
214	15.837	15.802	15.864	VV	4774	61702	1.08%	0.096%
215	15.892	15.864	15.914	PV	3670	54870	0.96%	0.085%
216	15.932	15.914	15.966	VV	1830	36199	0.63%	0.056%
217	15.990	15.966	16.006	VV	1065	17797	0.31%	0.028%
218	16.060	16.006	16.103	VV	2204	83944	1.47%	0.130%
219	16.146	16.103	16.198	VV	1391	39732	0.69%	0.062%
220	16.230	16.198	16.248	VV	965	21253	0.37%	0.033%
221	16.266	16.248	16.300	VV	2185	32367	0.57%	0.050%
222	16.332	16.300	16.374	VV	1209	25029	0.44%	0.039%
223	16.395	16.374	16.414	VV	262	4041	0.07%	0.006%
224	16.491	16.414	16.511	PV	638	11417	0.20%	0.018%
225	16.563	16.511	16.599	PV	2071	52546	0.92%	0.082%
226	16.609	16.599	16.614	VV	955	8296	0.14%	0.013%
227	16.643	16.614	16.691	VV	8273	163693	2.86%	0.254%
228	16.710	16.691	16.728	VV	1674	30764	0.54%	0.048%
229	16.753	16.728	16.761	VV	4566	60175	1.05%	0.093%
230	16.783	16.761	16.804	VV	15084	248791	4.34%	0.386%
231	16.817	16.804	16.881	VV	8138	164783	2.88%	0.256%
232	16.917	16.881	17.001	VV	3948	110290	1.93%	0.171%
233	17.055	17.001	17.077	VV	1426	32133	0.56%	0.050%
234	17.107	17.077	17.143	VV	9470	159031	2.78%	0.247%
235	17.172	17.143	17.200	VV	11303	207271	3.62%	0.322%
236	17.215	17.200	17.245	VV	5242	88522	1.55%	0.137%
237	17.267	17.245	17.328	VV	7232	140403	2.45%	0.218%
238	17.412	17.328	17.454	VV	1138	40433	0.71%	0.063%
239	17.473	17.454	17.502	VV	935	18926	0.33%	0.029%
240	17.589	17.502	17.640	VV	7710	228012	3.98%	0.354%
241	17.669	17.640	17.728	VV	7884	143397	2.50%	0.223%
242	17.765	17.728	17.788	VV	1366	36665	0.64%	0.057%
243	17.796	17.788	17.801	VV	871	6717	0.12%	0.010%
244	17.834	17.801	17.865	VV	1703	42134	0.74%	0.065%
245	17.881	17.865	17.914	VV	836	15049	0.26%	0.023%
246	18.070	17.914	18.085	PV	840	23389	0.41%	0.036%

247	18.108	18.085	18.131	VV	5056	75360	1.32%	0.117%
248	18.201	18.131	18.221	VV	3717	102168	1.78%	0.159%
249	18.258	18.221	18.273	VV	2606	67477	1.18%	0.105%
250	18.289	18.273	18.305	VV	1823	31536	0.55%	0.049%
251	18.341	18.305	18.351	VV	2231	48027	0.84%	0.075%
252	18.375	18.351	18.399	VV	2503	51036	0.89%	0.079%
253	18.433	18.399	18.444	VV	3165	49881	0.87%	0.077%
254	18.471	18.444	18.507	VV	13821	266006	4.64%	0.413%
255	18.533	18.507	18.546	VV	7832	123863	2.16%	0.192%
256	18.560	18.546	18.581	VV	7874	132757	2.32%	0.206%
257	18.620	18.581	18.670	VV	7959	268280	4.68%	0.417%
258	18.696	18.670	18.711	VV	3622	72957	1.27%	0.113%
259	18.731	18.711	18.764	VV	3592	93424	1.63%	0.145%
260	18.814	18.764	18.862	VV	8275	212633	3.71%	0.330%
261	18.939	18.862	18.954	VV	10598	294711	5.15%	0.458%
262	18.965	18.954	18.999	VV	8312	148144	2.59%	0.230%
263	19.046	18.999	19.061	VV	6103	159532	2.79%	0.248%
264	19.070	19.061	19.093	VV	5009	90727	1.58%	0.141%
265	19.167	19.093	19.181	VV	3973	210717	3.68%	0.327%
266	19.303	19.181	19.326	VV	18267	584902	10.21%	0.908%
267	19.343	19.326	19.388	VV	11209	316455	5.53%	0.491%
268	19.434	19.388	19.446	VV	8017	244804	4.27%	0.380%
269	19.474	19.446	19.505	VV	10175	296324	5.17%	0.460%
270	19.589	19.505	19.608	VV	9176	493412	8.61%	0.766%
271	19.651	19.608	19.679	VV	17411	497064	8.68%	0.772%
272	19.731	19.679	19.765	VV	17269	685185	11.96%	1.064%
273	19.801	19.765	19.828	VV	18113	583148	10.18%	0.905%
274	19.836	19.828	19.855	VV	16292	247654	4.32%	0.385%
275	19.897	19.855	19.910	VV	15969	481814	8.41%	0.748%
276	19.952	19.910	19.968	VV	17225	549148	9.59%	0.853%
277	20.003	19.968	20.035	VV	21445	761719	13.30%	1.183%
278	20.083	20.035	20.093	VV	26662	811481	14.17%	1.260%
279	20.101	20.093	20.149	VV	26358	822646	14.36%	1.277%
280	20.188	20.149	20.205	VV	25561	821850	14.35%	1.276%
281	20.238	20.205	20.262	VV	26902	894667	15.62%	1.389%
282	20.406	20.262	20.416	VV	35381	2726271	47.60%	4.233%
283	20.468	20.416	20.485	VV	38160	1466503	25.60%	2.277%
284	20.498	20.485	20.506	VV	34898	441579	7.71%	0.686%
285	20.596	20.506	20.608	VV	39985	2258393	39.43%	3.507%
286	20.635	20.608	20.651	VV	44081	1100063	19.21%	1.708%
287	20.661	20.651	20.697	VV	43293	1174516	20.51%	1.824%
288	20.767	20.697	20.791	VV	44917	2421430	42.28%	3.760%
289	20.834	20.791	20.847	VV	46754	1479330	25.83%	2.297%
290	20.860	20.847	20.912	VV	46225	1755791	30.66%	2.726%
291	20.927	20.912	20.975	VV	43146	1509634	26.36%	2.344%
292	20.989	20.975	21.009	VV	39099	789343	13.78%	1.226%
293	21.021	21.009	21.061	VV	38140	1101171	19.23%	1.710%
294	21.118	21.061	21.138	VV	37143	1640700	28.65%	2.548%
295	21.160	21.138	21.193	VV	36693	1170152	20.43%	1.817%
296	21.210	21.193	21.226	VV	35195	668208	11.67%	1.038%
297	21.293	21.226	21.370	VV	39714	3043409	53.14%	4.726%
298	21.399	21.370	21.407	VV	28956	627730	10.96%	0.975%
299	21.486	21.407	21.495	VV	34073	1668708	29.14%	2.591%

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300	21.507	21.495	21.575	VV	33728	1367531	23.88%	2.123%
301	21.584	21.575	21.599	VV	22887	320078	5.59%	0.497%
302	21.649	21.599	21.669	VV	25855	1013483	17.70%	1.574%
303	21.679	21.669	21.751	VV	24083	1054523	18.41%	1.637%
304	21.759	21.751	21.764	VV	20212	154802	2.70%	0.240%
305	21.782	21.764	21.806	VV	21471	524736	9.16%	0.815%
306	21.829	21.806	21.841	VV	21825	446546	7.80%	0.693%
307	21.853	21.841	21.867	VV	21725	325729	5.69%	0.506%
308	21.879	21.867	21.902	VV	20323	416652	7.27%	0.647%
309	21.919	21.902	21.945	VV	19910	483345	8.44%	0.751%
310	21.955	21.945	21.978	VV	17476	335155	5.85%	0.520%
311	21.996	21.978	22.008	VV	16562	285187	4.98%	0.443%
312	22.018	22.008	22.049	VV	15216	358546	6.26%	0.557%
313	22.075	22.049	22.138	VV	14003	630370	11.01%	0.979%
314	22.151	22.138	22.163	VV	8404	116638	2.04%	0.181%
315	22.228	22.163	22.321	VV	9952	642965	11.23%	0.998%
316	22.340	22.321	22.351	VV	1068	12159	0.21%	0.019%

Sum of corrected areas: 64401056

Aliphatic EPH 103025.M Fri Nov 28 20:52:31 2025

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-11B			SDG No.:	Q3719
Lab Sample ID:	Q3719-04			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	89.2
Sample Wt/Vol:	30.06 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	18.5		1	1.32	2.24	mg/kg	FE057059.D	11/26/25 21:40	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	1.89	J	1	1.02	4.48	mg/kg	FE057059.D	11/26/25 21:40	PB170736
Total AliphaticEPH	Total AliphaticEPH	20.4			2.34	6.72	mg/kg			
Total EPH	Total EPH	20.4			2.34	6.72	mg/kg			

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

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

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

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-11B			SDG No.:	Q3719
Lab Sample ID:	Q3719-04			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	89.2
Sample Wt/Vol:	30.06 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	1.89	J	1	1.02	4.48	mg/kg	11/26/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	18.5		1	1.32	2.24	mg/kg	11/26/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.6			40 - 140	49%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	29.4			40 - 140	59%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3719-04	Acq On:	26 Nov 2025 21:40
Client Sample ID:	SB-1125-11B	Operator:	YP\AJ
Data file:	FE057059.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	3.202	6.826	604604	3.532	300	ug/ml
Aliphatic C12-C16	6.827	10.271	829966	4.643	200	ug/ml
Aliphatic C16-C21	10.272	13.644	1143051	6.129	300	ug/ml
Aliphatic C21-C28	13.645	17.314	2116709	10.981	400	ug/ml
Aliphatic C28-C40	17.315	22.241	39586625	248.481	600	ug/ml
Aliphatic EPH	3.202	22.241	44280955	273.766		ug/ml
ortho-Terphenyl (SURR)	11.946	11.946	6151026	29.44		ug/ml
1-chlorooctadecane (SURR)	13.383	13.383	3961739	24.59		ug/ml
Aliphatic C9-C28	3.202	17.314	4694330	25.285	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057059.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 21:40
Operator : YP\AJ
Sample : Q3719-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-11B

Integration File: sample.E
Quant Time: Nov 27 00:40:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 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)	11.946	6151026	29.443 ug/ml
Spiked Amount 50.000		Recovery =	58.89%
12) S 1-chlorooctadecane (S...	13.383	3961739	24.589 ug/ml
Spiked Amount 50.000		Recovery =	49.18%
Target Compounds			

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

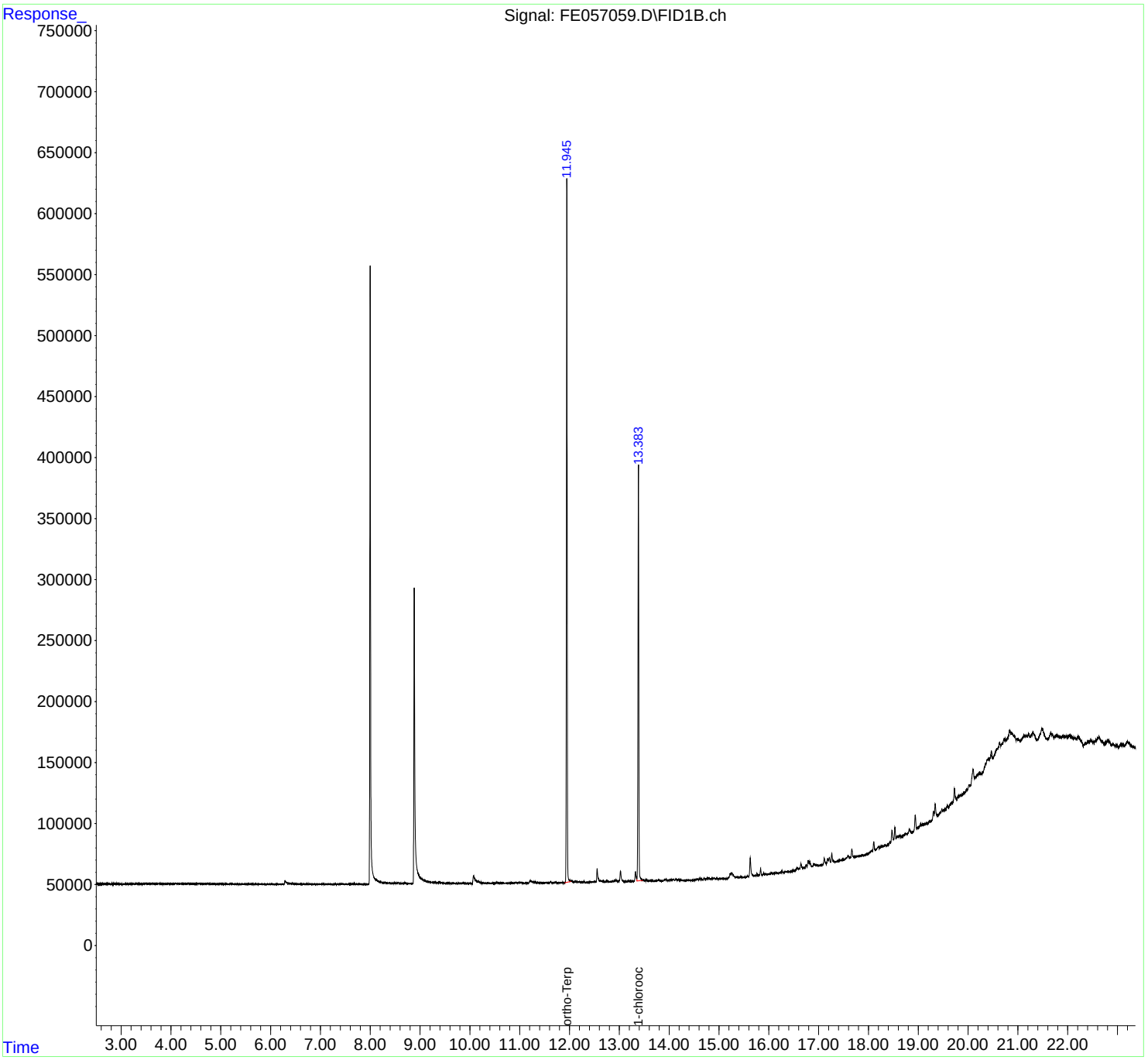
Quantitation Report (QT Reviewed)

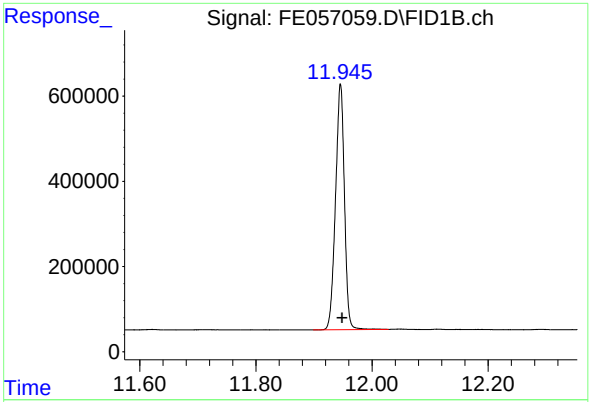
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057059.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 21:40
Operator : YP\AJ
Sample : Q3719-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-11B

Integration File: sample.E
Quant Time: Nov 27 00:40:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

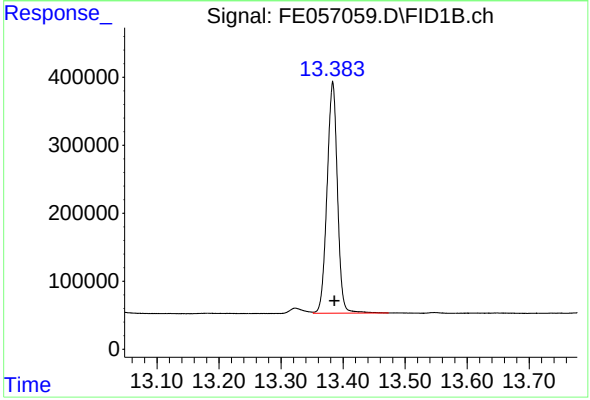




#9 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: -0.003 min
Response: 6151026
Conc: 29.44 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-11B



#12 1-chlorooctadecane (SURR)

R.T.: 13.383 min
Delta R.T.: -0.003 min
Response: 3961739
Conc: 24.59 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057059.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 21:40
Sample : Q3719-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	2.554	2.524	2.608	BV	26	-341	-0.01%	-0.001%
2	2.634	2.608	2.701	PV	88	2972	0.05%	0.005%
3	2.730	2.701	2.788	PV	168	4383	0.07%	0.008%
4	2.832	2.788	2.844	VV	160	4021	0.06%	0.007%
5	2.849	2.844	2.864	VV	172	1472	0.02%	0.003%
6	2.868	2.864	2.917	VV	163	2678	0.04%	0.005%
7	2.934	2.917	2.954	VV	197	2499	0.04%	0.005%
8	2.957	2.954	2.975	VV	165	1229	0.02%	0.002%
9	2.992	2.975	3.020	VV	142	3051	0.05%	0.006%
10	3.028	3.020	3.036	VV	136	960	0.02%	0.002%
11	3.041	3.036	3.057	VV	104	1009	0.02%	0.002%
12	3.104	3.057	3.144	VV	213	6899	0.11%	0.013%
13	3.175	3.144	3.191	VV	196	3707	0.06%	0.007%
14	3.226	3.191	3.263	VV	244	6994	0.11%	0.013%
15	3.300	3.263	3.390	VV	351	17216	0.28%	0.032%
16	3.445	3.390	3.457	VV	279	9181	0.15%	0.017%
17	3.523	3.457	3.534	VV	324	13040	0.21%	0.024%
18	3.547	3.534	3.600	VV	326	11361	0.18%	0.021%
19	3.640	3.600	3.671	VV	399	13932	0.22%	0.026%
20	3.681	3.671	3.714	VV	339	7689	0.12%	0.014%
21	3.743	3.714	3.784	VV	394	13528	0.22%	0.025%
22	3.808	3.784	3.818	VV	378	6931	0.11%	0.013%
23	3.847	3.818	3.871	VV	493	10572	0.17%	0.019%
24	3.875	3.871	3.910	VV	368	7495	0.12%	0.014%
25	3.927	3.910	3.970	VV	379	11774	0.19%	0.022%
26	3.987	3.970	4.000	VV	416	6582	0.11%	0.012%
27	4.011	4.000	4.054	VV	376	10905	0.18%	0.020%
28	4.065	4.054	4.081	VV	389	5354	0.09%	0.010%
29	4.091	4.081	4.115	VV	493	8294	0.13%	0.015%
30	4.123	4.115	4.151	VV	435	7276	0.12%	0.013%
31	4.160	4.151	4.172	VV	344	4060	0.07%	0.007%
32	4.196	4.172	4.254	VV	424	15698	0.25%	0.029%
33	4.285	4.254	4.348	VV	387	18155	0.29%	0.033%
34	4.357	4.348	4.378	VV	373	5942	0.10%	0.011%
35	4.388	4.378	4.412	VV	328	5932	0.10%	0.011%
36	4.449	4.412	4.524	VV	370	20752	0.33%	0.038%

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37	4.556	4.524	4.621	VV	512	20540	0.33%	0.038%
38	4.628	4.621	4.664	VV	400	8203	0.13%	0.015%
39	4.670	4.664	4.710	VV	433	8431	0.14%	0.015%
40	4.734	4.710	4.792	VV	452	16793	0.27%	0.031%
41	4.801	4.792	4.814	VV	300	3731	0.06%	0.007%
42	4.835	4.814	4.874	VV	386	10410	0.17%	0.019%
43	4.930	4.874	4.975	VV	342	15587	0.25%	0.029%
44	4.985	4.975	4.994	VV	264	2856	0.05%	0.005%
45	5.019	4.994	5.035	VV	334	6687	0.11%	0.012%
46	5.046	5.035	5.050	VV	220	2042	0.03%	0.004%
47	5.069	5.050	5.101	VV	305	7270	0.12%	0.013%
48	5.110	5.101	5.191	VV	235	10280	0.17%	0.019%
49	5.220	5.191	5.251	VV	286	6941	0.11%	0.013%
50	5.264	5.251	5.296	VV	201	4561	0.07%	0.008%
51	5.311	5.296	5.358	VV	214	5953	0.10%	0.011%
52	5.362	5.358	5.448	VV	207	7160	0.12%	0.013%
53	5.460	5.448	5.484	VV	165	2903	0.05%	0.005%
54	5.492	5.484	5.521	VV	168	3486	0.06%	0.006%
55	5.537	5.521	5.614	VV	224	9660	0.16%	0.018%
56	5.623	5.614	5.680	VV	185	4861	0.08%	0.009%
57	5.696	5.680	5.745	VV	355	7475	0.12%	0.014%
58	5.754	5.745	5.762	VV	148	1231	0.02%	0.002%
59	5.767	5.762	5.775	VV	125	865	0.01%	0.002%
60	5.789	5.775	5.815	VV	165	3309	0.05%	0.006%
61	5.822	5.815	5.870	VV	165	4261	0.07%	0.008%
62	5.887	5.870	5.924	VV	221	4243	0.07%	0.008%
63	5.934	5.924	5.947	VV	131	1222	0.02%	0.002%
64	6.001	5.947	6.048	VV	250	8594	0.14%	0.016%
65	6.064	6.048	6.097	VV	173	3961	0.06%	0.007%
66	6.107	6.097	6.152	VV	146	2914	0.05%	0.005%
67	6.172	6.152	6.208	PV	118	2427	0.04%	0.004%
68	6.237	6.208	6.251	VV	136	2188	0.04%	0.004%
69	6.290	6.251	6.411	PV	2988	101936	1.65%	0.187%
70	6.434	6.411	6.501	VV	708	23629	0.38%	0.043%
71	6.508	6.501	6.544	VV	346	7636	0.12%	0.014%
72	6.561	6.544	6.572	VV	318	4231	0.07%	0.008%
73	6.578	6.572	6.613	VV	198	5175	0.08%	0.009%
74	6.625	6.613	6.691	VV	332	9817	0.16%	0.018%
75	6.729	6.691	6.798	VV	340	12472	0.20%	0.023%
76	6.827	6.798	6.864	VV	191	5265	0.08%	0.010%
77	6.878	6.864	6.918	VV	227	4204	0.07%	0.008%
78	6.927	6.918	6.941	VV	130	1159	0.02%	0.002%
79	6.950	6.941	6.964	VV	55	616	0.01%	0.001%
80	6.995	6.964	7.040	VV	100	3702	0.06%	0.007%
81	7.053	7.040	7.071	VV	188	1880	0.03%	0.003%
82	7.085	7.071	7.114	VV	115	2055	0.03%	0.004%
83	7.122	7.114	7.142	VV	108	1295	0.02%	0.002%
84	7.189	7.142	7.212	VV	176	4287	0.07%	0.008%
85	7.240	7.212	7.284	VV	231	5460	0.09%	0.010%
86	7.299	7.284	7.330	VV	194	3273	0.05%	0.006%
87	7.349	7.330	7.362	VV	275	2663	0.04%	0.005%
88	7.450	7.362	7.484	VV	512	17055	0.28%	0.031%
89	7.524	7.484	7.535	VV	238	6092	0.10%	0.011%

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90	7.551	7.535	7.564	VV	241	3576	0.06%	0.007%
91	7.575	7.564	7.599	VV	254	4319	0.07%	0.008%
92	7.631	7.599	7.648	VV	257	6198	0.10%	0.011%
93	7.678	7.648	7.701	VV	491	8788	0.14%	0.016%
94	7.717	7.701	7.731	VV	160	2510	0.04%	0.005%
95	7.736	7.731	7.784	VV	156	2510	0.04%	0.005%
96	7.797	7.784	7.816	PV	125	1109	0.02%	0.002%
97	7.870	7.816	7.887	PV	154	3604	0.06%	0.007%
98	7.897	7.887	7.926	VV	110	1304	0.02%	0.002%
99	7.936	7.926	7.942	PV	100	521	0.01%	0.001%
100	8.293	8.291	8.358	VV	1246	40573	0.65%	0.074%
101	8.378	8.358	8.436	VV	986	37842	0.61%	0.069%
102	8.468	8.436	8.487	VV	780	22119	0.36%	0.041%
103	8.501	8.487	8.527	VV	758	17292	0.28%	0.032%
104	8.561	8.527	8.644	VV	1379	47011	0.76%	0.086%
105	8.692	8.644	8.785	VV	968	41924	0.68%	0.077%
106	9.223	9.216	9.272	VV	1292	40024	0.65%	0.073%
107	9.304	9.272	9.374	VV	1271	63759	1.03%	0.117%
108	9.392	9.374	9.428	VV	1509	32789	0.53%	0.060%
109	9.432	9.428	9.522	VV	691	28954	0.47%	0.053%
110	9.554	9.522	9.568	VV	470	10415	0.17%	0.019%
111	9.572	9.568	9.621	VV	411	10400	0.17%	0.019%
112	9.635	9.621	9.663	VV	259	5861	0.09%	0.011%
113	9.677	9.663	9.743	VV	299	9691	0.16%	0.018%
114	9.809	9.743	9.834	VV	441	17103	0.28%	0.031%
115	9.849	9.834	9.880	VV	399	8448	0.14%	0.015%
116	9.894	9.880	9.915	VV	328	4864	0.08%	0.009%
117	9.933	9.915	9.942	VV	265	3549	0.06%	0.007%
118	9.952	9.942	9.984	VV	265	3864	0.06%	0.007%
119	10.008	9.984	10.028	VV	250	3552	0.06%	0.007%
120	10.073	10.028	10.158	VV	6337	200695	3.24%	0.368%
121	10.172	10.158	10.262	VV	1984	61882	1.00%	0.113%
122	10.271	10.262	10.381	VV	478	23910	0.39%	0.044%
123	10.389	10.381	10.458	VV	261	7622	0.12%	0.014%
124	10.467	10.458	10.477	VV	128	1006	0.02%	0.002%
125	10.534	10.477	10.551	VV	686	14530	0.23%	0.027%
126	10.561	10.551	10.604	VV	614	10131	0.16%	0.019%
127	10.614	10.604	10.686	VV	372	11161	0.18%	0.020%
128	10.708	10.686	10.754	VV	263	5695	0.09%	0.010%
129	10.792	10.754	10.821	PV	209	4735	0.08%	0.009%
130	10.841	10.821	10.867	VV	375	6187	0.10%	0.011%
131	10.885	10.867	10.893	VV	248	2867	0.05%	0.005%
132	10.915	10.893	10.944	VV	992	14164	0.23%	0.026%
133	10.987	10.944	11.009	VV	592	14598	0.24%	0.027%
134	11.028	11.009	11.098	VV	442	11942	0.19%	0.022%
135	11.132	11.098	11.179	VV	295	8367	0.14%	0.015%
136	11.210	11.179	11.273	VV	2288	68533	1.11%	0.126%
137	11.301	11.273	11.411	VV	984	45865	0.74%	0.084%
138	11.428	11.411	11.471	VV	212	4269	0.07%	0.008%
139	11.552	11.471	11.577	PV	550	10619	0.17%	0.019%
140	11.621	11.577	11.659	VV	1106	19965	0.32%	0.037%
141	11.709	11.659	11.763	VV	526	13629	0.22%	0.025%

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142	11.791	11.763	11.804	VV	230	2712	0.04%	0.005%
143	11.818	11.804	11.858	VV	238	3258	0.05%	0.006%
144	11.865	11.858	11.898	PV	97	1110	0.02%	0.002%
145	11.946	11.898	12.028	PV	574802	6195103	100.00%	11.358%
146	12.047	12.028	12.098	VV	1724	47069	0.76%	0.086%
147	12.113	12.098	12.136	VV	1503	23764	0.38%	0.044%
148	12.149	12.136	12.168	VV	817	13001	0.21%	0.024%
149	12.185	12.168	12.214	VV	760	16002	0.26%	0.029%
150	12.233	12.214	12.248	VV	318	5039	0.08%	0.009%
151	12.291	12.248	12.324	VV	979	15194	0.25%	0.028%
152	12.352	12.324	12.373	VV	208	3666	0.06%	0.007%
153	12.391	12.373	12.401	VV	274	3525	0.06%	0.006%
154	12.422	12.401	12.471	VV	532	12830	0.21%	0.024%
155	12.496	12.471	12.534	VV	716	16764	0.27%	0.031%
156	12.554	12.534	12.606	VV	11127	178715	2.88%	0.328%
157	12.618	12.606	12.637	VV	1324	19812	0.32%	0.036%
158	12.650	12.637	12.722	VV	968	31927	0.52%	0.059%
159	12.753	12.722	12.778	VV	1294	21893	0.35%	0.040%
160	12.795	12.778	12.844	VV	405	10323	0.17%	0.019%
161	12.867	12.844	12.884	VV	766	10812	0.17%	0.020%
162	12.901	12.884	12.918	VV	1184	17270	0.28%	0.032%
163	12.933	12.918	12.981	VV	1754	32289	0.52%	0.059%
164	13.023	12.981	13.111	VV	8805	169732	2.74%	0.311%
165	13.120	13.111	13.148	VV	335	3465	0.06%	0.006%
166	13.181	13.148	13.209	VV	574	13032	0.21%	0.024%
167	13.216	13.209	13.233	VV	378	4181	0.07%	0.008%
168	13.243	13.233	13.254	VV	193	2263	0.04%	0.004%
169	13.323	13.254	13.350	VV	7941	131479	2.12%	0.241%
170	13.383	13.350	13.481	VV	341574	4016251	64.83%	7.363%
171	13.486	13.481	13.531	VV	926	20560	0.33%	0.038%
172	13.547	13.531	13.578	VV	1386	21855	0.35%	0.040%
173	13.612	13.578	13.629	VV	540	13624	0.22%	0.025%
174	13.648	13.629	13.696	VV	650	15968	0.26%	0.029%
175	13.748	13.696	13.760	VV	370	9506	0.15%	0.017%
176	13.790	13.760	13.864	VV	1108	31988	0.52%	0.059%
177	13.927	13.864	13.993	VV	1436	50715	0.82%	0.093%
178	14.013	13.993	14.050	VV	890	24311	0.39%	0.045%
179	14.087	14.050	14.114	VV	1333	34639	0.56%	0.064%
180	14.134	14.114	14.151	VV	1418	19628	0.32%	0.036%
181	14.192	14.151	14.218	VV	1244	31495	0.51%	0.058%
182	14.239	14.218	14.324	VV	694	19063	0.31%	0.035%
183	14.375	14.324	14.421	PV	338	11832	0.19%	0.022%
184	14.430	14.421	14.461	VV	147	1626	0.03%	0.003%
185	14.467	14.461	14.478	VV	60	649	0.01%	0.001%
186	14.533	14.478	14.557	PV	772	17699	0.29%	0.032%
187	14.575	14.557	14.592	VV	905	13200	0.21%	0.024%
188	14.619	14.592	14.678	VV	1427	33574	0.54%	0.062%
189	14.699	14.678	14.723	VV	1419	19682	0.32%	0.036%
190	14.766	14.723	14.778	VV	1170	25189	0.41%	0.046%
191	14.791	14.778	14.831	VV	1410	30064	0.49%	0.055%
192	14.855	14.831	14.877	VV	783	17179	0.28%	0.031%
193	14.902	14.877	14.942	VV	1283	30721	0.50%	0.056%
194	14.958	14.942	14.998	VV	675	15002	0.24%	0.028%

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195	15.099	14.998	15.131	VV	652	28056	0.45%	0.051%
196	15.140	15.131	15.157	VV	190	2048	0.03%	0.004%
197	15.223	15.157	15.234	PV	4057	70615	1.14%	0.129%
198	15.261	15.234	15.354	VV	4550	163222	2.63%	0.299%
199	15.374	15.354	15.403	VV	917	18854	0.30%	0.035%
200	15.437	15.403	15.484	VV	651	18642	0.30%	0.034%
201	15.491	15.484	15.503	VV	159	1412	0.02%	0.003%
202	15.570	15.503	15.591	PV	677	15574	0.25%	0.029%
203	15.627	15.591	15.710	VV	15332	272739	4.40%	0.500%
204	15.723	15.710	15.739	VV	521	6474	0.10%	0.012%
205	15.763	15.739	15.804	VV	1425	21546	0.35%	0.040%
206	15.836	15.804	15.870	VV	5263	68538	1.11%	0.126%
207	15.898	15.870	15.918	VV	1330	20493	0.33%	0.038%
208	15.940	15.918	15.968	VV	718	14625	0.24%	0.027%
209	16.074	15.968	16.099	VV	768	39518	0.64%	0.072%
210	16.147	16.099	16.190	VV	683	19882	0.32%	0.036%
211	16.231	16.190	16.244	VV	590	10488	0.17%	0.019%
212	16.264	16.244	16.292	VV	1438	20453	0.33%	0.037%
213	16.335	16.292	16.371	PV	463	10252	0.17%	0.019%
214	16.497	16.371	16.513	PV	293	8415	0.14%	0.015%
215	16.563	16.513	16.598	PV	1820	38714	0.62%	0.071%
216	16.609	16.598	16.621	VV	841	10943	0.18%	0.020%
217	16.646	16.621	16.684	VV	4476	84121	1.36%	0.154%
218	16.710	16.684	16.721	VV	988	19820	0.32%	0.036%
219	16.750	16.721	16.767	VV	2984	47899	0.77%	0.088%
220	16.790	16.767	16.808	VV	6037	95762	1.55%	0.176%
221	16.823	16.808	16.876	VV	4662	97377	1.57%	0.179%
222	16.920	16.876	17.004	VV	1839	73312	1.18%	0.134%
223	17.053	17.004	17.067	PV	465	7889	0.13%	0.014%
224	17.114	17.067	17.152	VV	4434	85766	1.38%	0.157%
225	17.182	17.152	17.198	VV	4133	67841	1.10%	0.124%
226	17.216	17.198	17.240	VV	4758	74632	1.20%	0.137%
227	17.265	17.240	17.330	VV	7699	127057	2.05%	0.233%
228	17.478	17.330	17.497	PV	563	28100	0.45%	0.052%
229	17.590	17.497	17.628	VV	3243	94829	1.53%	0.174%
230	17.668	17.628	17.721	VV	7573	132335	2.14%	0.243%
231	17.753	17.721	17.765	VV	840	15472	0.25%	0.028%
232	17.797	17.765	17.806	VV	414	11364	0.18%	0.021%
233	17.838	17.806	17.846	VV	549	9690	0.16%	0.018%
234	17.887	17.846	17.904	VV	404	10217	0.16%	0.019%
235	18.107	17.904	18.136	PV	7620	127226	2.05%	0.233%
236	18.199	18.136	18.221	VV	2200	53669	0.87%	0.098%
237	18.340	18.221	18.357	VV	689	53526	0.86%	0.098%
238	18.381	18.357	18.392	VV	289	3084	0.05%	0.006%
239	18.434	18.392	18.446	PV	1710	21874	0.35%	0.040%
240	18.473	18.446	18.505	VV	10201	183601	2.96%	0.337%
241	18.531	18.505	18.554	VV	11674	170445	2.75%	0.312%
242	18.572	18.554	18.585	VV	2899	47092	0.76%	0.086%
243	18.627	18.585	18.647	VV	2615	88196	1.42%	0.162%
244	18.664	18.647	18.678	VV	1775	28279	0.46%	0.052%
245	18.742	18.678	18.771	VV	1876	80934	1.31%	0.148%
246	18.821	18.771	18.864	VV	4111	107992	1.74%	0.198%

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247	18.940	18.864	18.972	VV	12950	226822	3.66%	0.416%
248	19.046	18.972	19.065	VV	3503	113964	1.84%	0.209%
249	19.118	19.065	19.128	VV	2004	82732	1.34%	0.152%
250	19.159	19.128	19.171	VV	1587	40836	0.66%	0.075%
251	19.224	19.171	19.244	VV	2243	69498	1.12%	0.127%
252	19.304	19.244	19.319	VV	8608	182052	2.94%	0.334%
253	19.341	19.319	19.401	VV	14145	343999	5.55%	0.631%
254	19.475	19.401	19.501	VV	7150	295990	4.78%	0.543%
255	19.587	19.501	19.608	VV	7237	374149	6.04%	0.686%
256	19.727	19.608	19.781	VV	18697	988273	15.95%	1.812%
257	19.801	19.781	19.818	VV	11098	227010	3.66%	0.416%
258	19.842	19.818	19.858	VV	11204	259227	4.18%	0.475%
259	20.019	19.858	20.045	VV	15474	1361689	21.98%	2.496%
260	20.102	20.045	20.137	VV	26851	1129731	18.24%	2.071%
261	20.226	20.137	20.260	VV	21334	1486808	24.00%	2.726%
262	20.353	20.260	20.360	VV	26371	1317366	21.26%	2.415%
263	20.410	20.360	20.430	VV	29251	1180915	19.06%	2.165%
264	20.469	20.430	20.501	VV	34138	1284473	20.73%	2.355%
265	20.636	20.501	20.657	VV	37403	3046653	49.18%	5.586%
266	20.683	20.657	20.696	VV	35705	835927	13.49%	1.533%
267	20.741	20.696	20.774	VV	37918	1745335	28.17%	3.200%
268	20.833	20.774	20.862	VV	43448	2105114	33.98%	3.859%
269	20.870	20.862	20.962	VV	40276	2247271	36.27%	4.120%
270	20.977	20.962	20.987	VV	33682	508050	8.20%	0.931%
271	21.000	20.987	21.043	VV	33492	1070791	17.28%	1.963%
272	21.121	21.043	21.146	VV	33409	1947049	31.43%	3.570%
273	21.165	21.146	21.190	VV	32306	840090	13.56%	1.540%
274	21.213	21.190	21.238	VV	32648	906992	14.64%	1.663%
275	21.298	21.238	21.324	VV	31533	1590075	25.67%	2.915%
276	21.333	21.324	21.376	VV	29438	839713	13.55%	1.539%
277	21.478	21.376	21.578	VV	31472	3184757	51.41%	5.839%
278	21.587	21.578	21.604	VV	20942	327849	5.29%	0.601%
279	21.660	21.604	21.684	VV	24074	1068618	17.25%	1.959%
280	21.694	21.684	21.726	VV	22771	521336	8.42%	0.956%
281	21.776	21.726	21.841	VV	20126	1306439	21.09%	2.395%
282	21.891	21.841	21.918	VV	16680	760141	12.27%	1.394%
283	21.931	21.918	21.954	VV	16105	327923	5.29%	0.601%
284	21.970	21.954	21.998	VV	15419	397969	6.42%	0.730%
285	22.009	21.998	22.015	VV	14167	136122	2.20%	0.250%
286	22.033	22.015	22.058	VV	14439	356095	5.75%	0.653%
287	22.079	22.058	22.121	VV	12721	446906	7.21%	0.819%
288	22.145	22.121	22.177	VV	10436	325020	5.25%	0.596%
289	22.215	22.177	22.311	VV	9666	510931	8.25%	0.937%
290	22.359	22.311	22.378	PV	1121	17905	0.29%	0.033%

Sum of corrected areas: 54544750

Aliphatic EPH 103025.M Fri Nov 28 20:52:56 2025

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-12A			SDG No.:	Q3719
Lab Sample ID:	Q3719-05			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	67.8
Sample Wt/Vol:	30.09 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	29.8		1	1.74	2.94	mg/kg	FE057060.D	11/26/25 22:10	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	3.67	J	1	1.34	5.88	mg/kg	FE057060.D	11/26/25 22:10	PB170736
Total AliphaticEPH	Total AliphaticEPH	33.5			3.08	8.82	mg/kg			
Total EPH	Total EPH	33.5			3.08	8.82	mg/kg			

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

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

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

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-12A			SDG No.:	Q3719
Lab Sample ID:	Q3719-05			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	67.8
Sample Wt/Vol:	30.09 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	3.67	J	1	1.34	5.88	mg/kg	11/26/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	29.8		1	1.74	2.94	mg/kg	11/26/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	17.7			40 - 140	35%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	21.9			40 - 140	44%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3719-05	Acq On:	26 Nov 2025 22:10
Client Sample ID:	SB-1125-12A	Operator:	YP\AJ
Data file:	FE057060.D	Misc:	
Instrument:	FID_E	ALS Vial:	30
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.202	6.826	531832	3.107	300	ug/ml
Aliphatic C12-C16	6.827	10.271	808595	4.523	200	ug/ml
Aliphatic C16-C21	10.272	13.644	1788443	9.589	300	ug/ml
Aliphatic C21-C28	13.645	17.314	3900619	20.235	400	ug/ml
Aliphatic C28-C40	17.315	22.241	48379329	303.672	600	ug/ml
Aliphatic EPH	3.202	22.241	55408818	341.126		ug/ml
ortho-Terphenyl (SURR)	11.945	11.945	4569210	21.87		ug/ml
1-chlorooctadecane (SURR)	13.382	13.382	2848468	17.68		ug/ml
Aliphatic C9-C28	3.202	17.314	7029489	37.454	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057060.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 22:10
Operator : YP\AJ
Sample : Q3719-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-12A

Integration File: sample.E
Quant Time: Nov 27 00:40:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 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	4569210	21.871 ug/ml
Spiked Amount 50.000		Recovery = 43.74%	
12) S 1-chlorooctadecane (S...	13.382	2848468	17.680 ug/ml
Spiked Amount 50.000		Recovery = 35.36%	
Target Compounds			

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

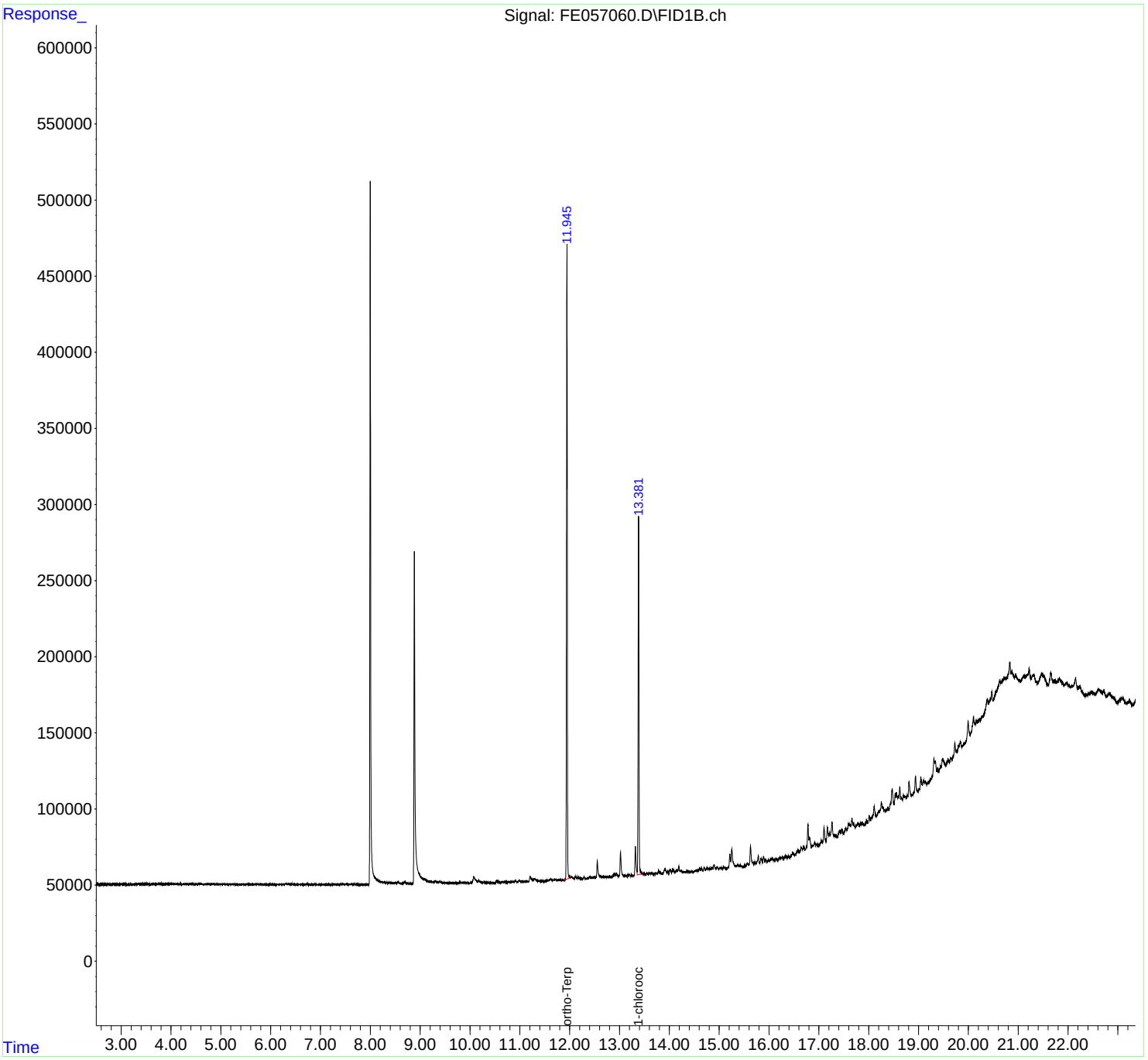
Quantitation Report (QT Reviewed)

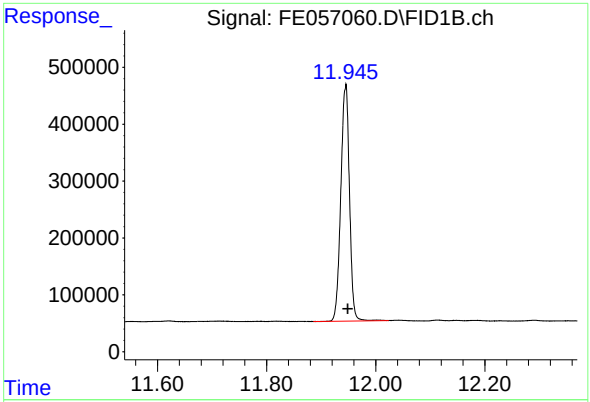
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057060.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 22:10
Operator : YP\AJ
Sample : Q3719-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-12A

Integration File: sample.E
Quant Time: Nov 27 00:40:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

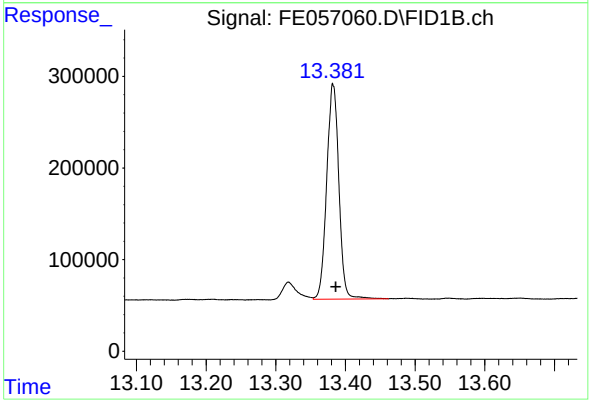




#9 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: -0.004 min
Response: 4569210
Conc: 21.87 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-12A



#12 1-chlorooctadecane (SURR)

R.T.: 13.382 min
Delta R.T.: -0.004 min
Response: 2848468
Conc: 17.68 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057060.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 22:10
Sample : Q3719-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	2.627	2.541	2.652	BV	128	1620	0.04%	0.003%
2	2.675	2.652	2.698	PV	87	1452	0.03%	0.002%
3	2.732	2.698	2.779	VV	199	5619	0.12%	0.009%
4	2.793	2.779	2.877	PV	164	6656	0.14%	0.011%
5	2.886	2.877	2.951	VV	141	4328	0.09%	0.007%
6	2.968	2.951	2.976	VV	205	1838	0.04%	0.003%
7	3.003	2.976	3.049	VV	309	6668	0.15%	0.011%
8	3.076	3.049	3.118	VV	177	6015	0.13%	0.010%
9	3.124	3.118	3.147	VV	154	2105	0.05%	0.003%
10	3.159	3.147	3.211	VV	165	5186	0.11%	0.008%
11	3.300	3.211	3.343	VV	460	16745	0.36%	0.027%
12	3.349	3.343	3.364	VV	217	2545	0.06%	0.004%
13	3.384	3.364	3.408	VV	272	5382	0.12%	0.009%
14	3.439	3.408	3.491	VV	291	13048	0.28%	0.021%
15	3.501	3.491	3.509	VV	280	3032	0.07%	0.005%
16	3.525	3.509	3.532	VV	319	4053	0.09%	0.006%
17	3.541	3.532	3.575	VV	331	6849	0.15%	0.011%
18	3.585	3.575	3.598	VV	250	3160	0.07%	0.005%
19	3.614	3.598	3.631	VV	365	6356	0.14%	0.010%
20	3.636	3.631	3.655	VV	352	4335	0.09%	0.007%
21	3.663	3.655	3.715	VV	322	9535	0.21%	0.015%
22	3.755	3.715	3.769	VV	404	9979	0.22%	0.016%
23	3.801	3.769	3.861	VV	411	18370	0.40%	0.029%
24	3.886	3.861	3.931	VV	382	14390	0.31%	0.023%
25	3.935	3.931	3.955	VV	402	4719	0.10%	0.007%
26	3.993	3.955	4.008	VV	418	11313	0.25%	0.018%
27	4.013	4.008	4.055	VV	399	9391	0.20%	0.015%
28	4.092	4.055	4.124	VV	530	15389	0.34%	0.024%
29	4.131	4.124	4.148	VV	403	5172	0.11%	0.008%
30	4.201	4.148	4.269	VV	382	21921	0.48%	0.035%
31	4.295	4.269	4.311	VV	487	10473	0.23%	0.017%
32	4.323	4.311	4.340	VV	484	6827	0.15%	0.011%
33	4.356	4.340	4.411	VV	431	15537	0.34%	0.025%
34	4.424	4.411	4.471	VV	407	12190	0.27%	0.019%
35	4.476	4.471	4.485	VV	374	2658	0.06%	0.004%
36	4.556	4.485	4.583	VV	654	23639	0.51%	0.038%

rteres

37	4.592	4.583	4.661	VV	414	15562	0.34%	0.025%
38	4.670	4.661	4.707	VV	368	8154	0.18%	0.013%
39	4.731	4.707	4.762	VV	440	11614	0.25%	0.018%
40	4.770	4.762	4.798	VV	356	7003	0.15%	0.011%
41	4.837	4.798	4.960	VV	444	31454	0.69%	0.050%
42	4.972	4.960	5.011	VV	309	8366	0.18%	0.013%
43	5.020	5.011	5.031	VV	287	3208	0.07%	0.005%
44	5.071	5.031	5.108	VV	324	11680	0.25%	0.019%
45	5.119	5.108	5.123	VV	177	1696	0.04%	0.003%
46	5.132	5.123	5.151	VV	258	3324	0.07%	0.005%
47	5.164	5.151	5.186	VV	214	3528	0.08%	0.006%
48	5.198	5.186	5.207	VV	202	2199	0.05%	0.003%
49	5.221	5.207	5.258	VV	295	6617	0.14%	0.010%
50	5.264	5.258	5.302	VV	261	4900	0.11%	0.008%
51	5.312	5.302	5.365	VV	277	7258	0.16%	0.012%
52	5.374	5.365	5.388	VV	259	2560	0.06%	0.004%
53	5.395	5.388	5.415	VV	157	2017	0.04%	0.003%
54	5.479	5.415	5.489	VV	219	6024	0.13%	0.010%
55	5.538	5.489	5.552	VV	224	6182	0.13%	0.010%
56	5.564	5.552	5.627	VV	251	7039	0.15%	0.011%
57	5.635	5.627	5.670	VV	201	3473	0.08%	0.006%
58	5.697	5.670	5.779	VV	512	13474	0.29%	0.021%
59	5.813	5.779	5.868	VV	225	6725	0.15%	0.011%
60	5.886	5.868	5.925	VV	204	4708	0.10%	0.007%
61	5.945	5.925	5.953	VV	173	1641	0.04%	0.003%
62	5.997	5.953	6.080	VV	252	10544	0.23%	0.017%
63	6.093	6.080	6.099	VV	138	1079	0.02%	0.002%
64	6.108	6.099	6.148	VV	179	2600	0.06%	0.004%
65	6.174	6.148	6.218	VV	182	3958	0.09%	0.006%
66	6.224	6.218	6.250	VV	126	1582	0.03%	0.003%
67	6.299	6.250	6.398	VV	615	30730	0.67%	0.049%
68	6.435	6.398	6.498	VV	552	14472	0.32%	0.023%
69	6.504	6.498	6.531	VV	168	3255	0.07%	0.005%
70	6.540	6.531	6.579	VV	200	4111	0.09%	0.007%
71	6.613	6.579	6.660	VV	268	7862	0.17%	0.012%
72	6.676	6.660	6.688	VV	140	2062	0.04%	0.003%
73	6.729	6.688	6.795	VV	365	9344	0.20%	0.015%
74	6.817	6.795	6.832	VV	166	2819	0.06%	0.004%
75	6.851	6.832	6.863	VV	152	1909	0.04%	0.003%
76	6.879	6.863	6.899	VV	298	3947	0.09%	0.006%
77	6.913	6.899	6.957	VV	128	3169	0.07%	0.005%
78	6.968	6.957	6.980	VV	98	719	0.02%	0.001%
79	6.995	6.980	7.004	PV	55	578	0.01%	0.001%
80	7.018	7.004	7.068	VV	123	3583	0.08%	0.006%
81	7.078	7.068	7.085	VV	145	927	0.02%	0.001%
82	7.093	7.085	7.125	VV	161	2100	0.05%	0.003%
83	7.158	7.125	7.208	VV	121	3837	0.08%	0.006%
84	7.213	7.208	7.248	VV	150	3074	0.07%	0.005%
85	7.252	7.248	7.279	VV	169	2329	0.05%	0.004%
86	7.303	7.279	7.327	VV	219	3831	0.08%	0.006%
87	7.407	7.327	7.428	VV	341	12855	0.28%	0.020%
88	7.450	7.428	7.491	VV	513	11828	0.26%	0.019%
89	7.525	7.491	7.552	VV	509	12033	0.26%	0.019%

90	7.571	7.552	7.595	VV	323	6612	0.14%	0.010%
91	7.622	7.595	7.647	VV	347	7360	0.16%	0.012%
92	7.676	7.647	7.740	VV	529	13322	0.29%	0.021%
93	7.751	7.740	7.784	VV	143	1712	0.04%	0.003%
94	7.795	7.784	7.819	VV	41	906	0.02%	0.001%
95	7.851	7.819	7.862	PV	105	1554	0.03%	0.002%
96	7.875	7.862	7.900	VV	100	1137	0.02%	0.002%
97	7.919	7.900	7.934	PV	152	1180	0.03%	0.002%
98	8.380	8.348	8.411	VV	1082	35226	0.77%	0.056%
99	8.425	8.411	8.451	VV	960	19995	0.44%	0.032%
100	8.501	8.451	8.518	VV	1091	34225	0.75%	0.054%
101	8.561	8.518	8.635	VV	1405	55034	1.20%	0.087%
102	8.691	8.635	8.797	VV	1590	62135	1.35%	0.099%
103	8.810	8.797	8.848	VV	331	5947	0.13%	0.009%
104	9.216	9.208	9.270	VV	1333	45213	0.98%	0.072%
105	9.311	9.270	9.371	VV	1894	72015	1.57%	0.114%
106	9.391	9.371	9.472	VV	1665	53518	1.17%	0.085%
107	9.481	9.472	9.526	VV	576	13805	0.30%	0.022%
108	9.553	9.526	9.582	VV	522	13544	0.30%	0.021%
109	9.596	9.582	9.627	VV	390	8470	0.18%	0.013%
110	9.638	9.627	9.646	VV	251	2277	0.05%	0.004%
111	9.716	9.646	9.731	VV	397	13563	0.30%	0.022%
112	9.736	9.731	9.754	VV	346	3724	0.08%	0.006%
113	9.789	9.754	9.828	VV	712	20734	0.45%	0.033%
114	9.855	9.828	9.887	VV	548	13228	0.29%	0.021%
115	9.899	9.887	9.915	VV	399	4994	0.11%	0.008%
116	9.931	9.915	9.945	VV	371	4845	0.11%	0.008%
117	9.948	9.945	9.991	VV	312	4498	0.10%	0.007%
118	10.011	9.991	10.028	VV	479	5273	0.11%	0.008%
119	10.075	10.028	10.154	VV	4322	156526	3.41%	0.248%
120	10.173	10.154	10.283	VV	1824	59304	1.29%	0.094%
121	10.294	10.283	10.325	VV	416	8332	0.18%	0.013%
122	10.347	10.325	10.431	VV	298	11711	0.26%	0.019%
123	10.456	10.431	10.468	VV	102	1197	0.03%	0.002%
124	10.536	10.468	10.550	PV	1014	18061	0.39%	0.029%
125	10.558	10.550	10.585	VV	774	11885	0.26%	0.019%
126	10.602	10.585	10.612	VV	261	3543	0.08%	0.006%
127	10.655	10.612	10.671	VV	455	12699	0.28%	0.020%
128	10.680	10.671	10.695	VV	370	4669	0.10%	0.007%
129	10.709	10.695	10.751	VV	374	8189	0.18%	0.013%
130	10.778	10.751	10.799	VV	270	4904	0.11%	0.008%
131	10.808	10.799	10.818	VV	198	1902	0.04%	0.003%
132	10.844	10.818	10.864	VV	483	9077	0.20%	0.014%
133	10.914	10.864	10.939	VV	1317	25204	0.55%	0.040%
134	10.953	10.939	10.968	VV	392	5887	0.13%	0.009%
135	10.987	10.968	11.011	VV	1193	19969	0.43%	0.032%
136	11.025	11.011	11.035	VV	499	6310	0.14%	0.010%
137	11.040	11.035	11.071	VV	370	6171	0.13%	0.010%
138	11.135	11.071	11.171	VV	612	15647	0.34%	0.025%
139	11.205	11.171	11.267	VV	3608	100165	2.18%	0.159%
140	11.291	11.267	11.473	VV	1826	86733	1.89%	0.138%
141	11.503	11.473	11.523	PV	280	5645	0.12%	0.009%

142	11.552	11.523	11.574	VV	646	11681	0.25%	0.019%
143	11.621	11.574	11.656	VV	1504	33010	0.72%	0.052%
144	11.713	11.656	11.749	VV	932	30973	0.67%	0.049%
145	11.785	11.749	11.800	VV	477	8753	0.19%	0.014%
146	11.817	11.800	11.855	VV	642	9745	0.21%	0.015%
147	11.864	11.855	11.891	VV	184	2007	0.04%	0.003%
148	11.945	11.891	11.990	PV	414036	4591102	100.00%	7.284%
149	12.002	11.990	12.024	VV	2277	39067	0.85%	0.062%
150	12.041	12.024	12.088	VV	1960	48357	1.05%	0.077%
151	12.114	12.088	12.134	VV	1965	34364	0.75%	0.055%
152	12.148	12.134	12.163	VV	1484	20381	0.44%	0.032%
153	12.182	12.163	12.211	VV	1374	26183	0.57%	0.042%
154	12.228	12.211	12.250	VV	571	7519	0.16%	0.012%
155	12.290	12.250	12.319	VV	1329	21366	0.47%	0.034%
156	12.399	12.319	12.410	VV	903	20310	0.44%	0.032%
157	12.424	12.410	12.465	VV	947	23028	0.50%	0.037%
158	12.500	12.465	12.519	VV	831	19451	0.42%	0.031%
159	12.554	12.519	12.607	VV	11185	192203	4.19%	0.305%
160	12.617	12.607	12.637	VV	1286	18177	0.40%	0.029%
161	12.652	12.637	12.688	VV	885	21119	0.46%	0.034%
162	12.695	12.688	12.709	VV	628	7098	0.15%	0.011%
163	12.715	12.709	12.729	VV	520	5675	0.12%	0.009%
164	12.749	12.729	12.775	VV	802	13527	0.29%	0.021%
165	12.795	12.775	12.845	VV	759	15499	0.34%	0.025%
166	12.898	12.845	12.916	VV	2387	49384	1.08%	0.078%
167	12.934	12.916	12.955	VV	2503	39206	0.85%	0.062%
168	12.963	12.955	12.987	VV	1228	15934	0.35%	0.025%
169	13.020	12.987	13.105	VV	15921	271232	5.91%	0.430%
170	13.115	13.105	13.153	VV	490	9631	0.21%	0.015%
171	13.174	13.153	13.195	PV	832	13273	0.29%	0.021%
172	13.209	13.195	13.228	VV	847	11529	0.25%	0.018%
173	13.239	13.228	13.256	VV	433	5157	0.11%	0.008%
174	13.275	13.256	13.290	VV	401	4366	0.10%	0.007%
175	13.318	13.290	13.355	VV	19377	288884	6.29%	0.458%
176	13.382	13.355	13.471	VV	236173	2900181	63.17%	4.601%
177	13.489	13.471	13.528	VV	1388	30689	0.67%	0.049%
178	13.548	13.528	13.573	VV	1346	22450	0.49%	0.036%
179	13.597	13.573	13.630	VV	1103	29315	0.64%	0.047%
180	13.650	13.630	13.688	VV	1243	22574	0.49%	0.036%
181	13.734	13.688	13.754	VV	815	18546	0.40%	0.029%
182	13.783	13.754	13.848	VV	2350	65341	1.42%	0.104%
183	13.919	13.848	13.952	VV	2919	96012	2.09%	0.152%
184	13.971	13.952	13.988	VV	1257	20923	0.46%	0.033%
185	14.012	13.988	14.046	VV	2690	55477	1.21%	0.088%
186	14.065	14.046	14.079	VV	2712	38859	0.85%	0.062%
187	14.086	14.079	14.112	VV	2022	27024	0.59%	0.043%
188	14.139	14.112	14.149	VV	1913	27662	0.60%	0.044%
189	14.190	14.149	14.216	VV	4652	90378	1.97%	0.143%
190	14.234	14.216	14.281	VV	1905	37978	0.83%	0.060%
191	14.293	14.281	14.329	VV	446	9478	0.21%	0.015%
192	14.352	14.329	14.379	VV	1055	18732	0.41%	0.030%
193	14.396	14.379	14.448	VV	724	14236	0.31%	0.023%
194	14.458	14.448	14.478	VV	427	4392	0.10%	0.007%

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195	14.549	14.478	14.559	PV	843	27763	0.60%	0.044%
196	14.607	14.559	14.628	VV	1989	53555	1.17%	0.085%
197	14.648	14.628	14.672	VV	1950	32836	0.72%	0.052%
198	14.698	14.672	14.725	VV	2512	44545	0.97%	0.071%
199	14.759	14.725	14.775	VV	1950	43492	0.95%	0.069%
200	14.797	14.775	14.825	VV	1512	35175	0.77%	0.056%
201	14.851	14.825	14.875	VV	1840	38907	0.85%	0.062%
202	14.896	14.875	14.937	VV	3627	78174	1.70%	0.124%
203	14.958	14.937	14.991	VV	1894	41099	0.90%	0.065%
204	15.017	14.991	15.039	VV	1178	26425	0.58%	0.042%
205	15.093	15.039	15.145	VV	1519	49820	1.09%	0.079%
206	15.213	15.145	15.231	PV	9471	159613	3.48%	0.253%
207	15.254	15.231	15.341	VV	12604	306191	6.67%	0.486%
208	15.375	15.341	15.398	VV	2136	47141	1.03%	0.075%
209	15.418	15.398	15.467	VV	1049	24362	0.53%	0.039%
210	15.517	15.467	15.529	VV	550	7912	0.17%	0.013%
211	15.565	15.529	15.593	PV	2007	34216	0.75%	0.054%
212	15.628	15.593	15.694	VV	12691	236163	5.14%	0.375%
213	15.718	15.694	15.739	VV	1537	24311	0.53%	0.039%
214	15.784	15.739	15.811	VV	5496	92841	2.02%	0.147%
215	15.838	15.811	15.869	VV	3149	61018	1.33%	0.097%
216	15.891	15.869	15.913	VV	4207	64194	1.40%	0.102%
217	15.931	15.913	15.965	VV	1902	34198	0.74%	0.054%
218	15.991	15.965	16.015	VV	935	18709	0.41%	0.030%
219	16.029	16.015	16.047	VV	1835	25876	0.56%	0.041%
220	16.063	16.047	16.108	VV	1386	32817	0.71%	0.052%
221	16.145	16.108	16.178	VV	916	19607	0.43%	0.031%
222	16.220	16.178	16.245	PV	1277	29512	0.64%	0.047%
223	16.266	16.245	16.295	VV	1402	25005	0.54%	0.040%
224	16.329	16.295	16.354	VV	1404	25279	0.55%	0.040%
225	16.391	16.354	16.425	VV	944	21742	0.47%	0.034%
226	16.474	16.425	16.511	PV	2038	49882	1.09%	0.079%
227	16.566	16.511	16.604	VV	2512	67564	1.47%	0.107%
228	16.647	16.604	16.670	VV	3680	83304	1.81%	0.132%
229	16.693	16.670	16.725	VV	3611	69058	1.50%	0.110%
230	16.781	16.725	16.802	VV	16677	293950	6.40%	0.466%
231	16.813	16.802	16.858	VV	7714	143989	3.14%	0.228%
232	16.917	16.858	16.933	VV	3024	78577	1.71%	0.125%
233	16.948	16.933	16.958	VV	1707	20003	0.44%	0.032%
234	16.971	16.958	16.985	VV	936	10517	0.23%	0.017%
235	17.048	16.985	17.075	PV	2728	47876	1.04%	0.076%
236	17.104	17.075	17.143	VV	10255	170404	3.71%	0.270%
237	17.172	17.143	17.195	VV	9623	162048	3.53%	0.257%
238	17.214	17.195	17.229	VV	5125	85985	1.87%	0.136%
239	17.265	17.229	17.366	VV	11645	307352	6.69%	0.488%
240	17.415	17.366	17.428	VV	3228	67043	1.46%	0.106%
241	17.465	17.428	17.495	VV	3865	96502	2.10%	0.153%
242	17.535	17.495	17.551	VV	3589	76318	1.66%	0.121%
243	17.556	17.551	17.568	VV	2696	24963	0.54%	0.040%
244	17.596	17.568	17.630	VV	5816	157757	3.44%	0.250%
245	17.665	17.630	17.688	VV	8211	181952	3.96%	0.289%
246	17.694	17.688	17.731	VV	3979	71566	1.56%	0.114%

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247	17.788	17.731	17.811	VV	3434	106301	2.32%	0.169%
248	17.839	17.811	17.855	VV	2803	48831	1.06%	0.077%
249	17.874	17.855	17.917	VV	2583	44551	0.97%	0.071%
250	17.960	17.917	17.979	PV	1974	35126	0.77%	0.056%
251	18.011	17.979	18.031	VV	4170	72946	1.59%	0.116%
252	18.109	18.031	18.162	VV	8843	261502	5.70%	0.415%
253	18.198	18.162	18.215	VV	3935	91250	1.99%	0.145%
254	18.254	18.215	18.273	VV	9000	186786	4.07%	0.296%
255	18.283	18.273	18.332	VV	5423	115358	2.51%	0.183%
256	18.390	18.332	18.411	VV	2359	76830	1.67%	0.122%
257	18.471	18.411	18.508	VV	13499	364808	7.95%	0.579%
258	18.532	18.508	18.544	VV	9115	127801	2.78%	0.203%
259	18.556	18.544	18.584	VV	9165	169280	3.69%	0.269%
260	18.594	18.584	18.602	VV	5954	63005	1.37%	0.100%
261	18.623	18.602	18.675	VV	11646	253010	5.51%	0.401%
262	18.707	18.675	18.757	VV	4507	156652	3.41%	0.249%
263	18.809	18.757	18.851	VV	10821	265517	5.78%	0.421%
264	18.861	18.851	18.878	VV	1933	26949	0.59%	0.043%
265	18.939	18.878	18.990	VV	12062	304996	6.64%	0.484%
266	19.046	18.990	19.078	VV	9903	253315	5.52%	0.402%
267	19.098	19.078	19.118	VV	6807	140710	3.06%	0.223%
268	19.131	19.118	19.167	VV	5492	132361	2.88%	0.210%
269	19.189	19.167	19.201	VV	3752	70576	1.54%	0.112%
270	19.309	19.201	19.328	VV	16862	577604	12.58%	0.916%
271	19.337	19.328	19.365	VV	15035	261446	5.69%	0.415%
272	19.381	19.365	19.403	VV	9163	186725	4.07%	0.296%
273	19.442	19.403	19.453	VV	9854	251685	5.48%	0.399%
274	19.482	19.453	19.548	VV	13155	609780	13.28%	0.967%
275	19.594	19.548	19.615	VV	10859	381364	8.31%	0.605%
276	19.649	19.615	19.669	VV	10984	325888	7.10%	0.517%
277	19.728	19.669	19.751	VV	19176	651614	14.19%	1.034%
278	19.766	19.751	19.777	VV	14023	201913	4.40%	0.320%
279	19.801	19.777	19.812	VV	16400	316564	6.90%	0.502%
280	19.841	19.812	19.876	VV	17713	612622	13.34%	0.972%
281	19.995	19.876	20.028	VV	28508	1679356	36.58%	2.664%
282	20.103	20.028	20.141	VV	29583	1588052	34.59%	2.519%
283	20.158	20.141	20.180	VV	25768	573928	12.50%	0.911%
284	20.196	20.180	20.211	VV	25572	465519	10.14%	0.739%
285	20.231	20.211	20.248	VV	26049	560047	12.20%	0.889%
286	20.382	20.248	20.405	VV	35413	2753558	59.98%	4.368%
287	20.471	20.405	20.491	VV	38491	1795339	39.10%	2.848%
288	20.543	20.491	20.550	VV	37032	1218788	26.55%	1.934%
289	20.633	20.550	20.645	VV	43013	2248253	48.97%	3.567%
290	20.716	20.645	20.738	VV	43423	2352129	51.23%	3.732%
291	20.831	20.738	20.854	VV	50861	3111858	67.78%	4.937%
292	20.871	20.854	20.928	VV	44391	1857732	40.46%	2.947%
293	20.948	20.928	21.004	VV	41222	1779827	38.77%	2.824%
294	21.026	21.004	21.048	VV	36319	928847	20.23%	1.474%
295	21.131	21.048	21.145	VV	36397	2077546	45.25%	3.296%
296	21.218	21.145	21.260	VV	39884	2484242	54.11%	3.941%
297	21.313	21.260	21.358	VV	34274	1887619	41.11%	2.995%
298	21.367	21.358	21.388	VV	28697	494414	10.77%	0.784%
299	21.479	21.388	21.608	VV	31214	3612278	78.68%	5.731%

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300	21.654	21.608	21.708	VV	28725	1465109	31.91%	2.324%
301	21.729	21.708	21.781	VV	21644	927611	20.20%	1.472%
302	21.828	21.781	21.925	VV	22102	1631736	35.54%	2.589%
303	21.972	21.925	21.998	VV	16347	671207	14.62%	1.065%
304	22.010	21.998	22.059	VV	13754	459259	10.00%	0.729%
305	22.088	22.059	22.106	VV	11817	327617	7.14%	0.520%
306	22.151	22.106	22.188	VV	15822	600766	13.09%	0.953%
307	22.205	22.188	22.215	VV	8605	130324	2.84%	0.207%
308	22.228	22.215	22.282	VV	8807	274601	5.98%	0.436%
309	22.290	22.282	22.322	VV	4026	61917	1.35%	0.098%
310	22.335	22.322	22.345	VV	1738	15113	0.33%	0.024%
311	22.364	22.345	22.381	VV	1355	14064	0.31%	0.022%

Sum of corrected areas: 63032680

Aliphatic EPH 103025.M Fri Nov 28 20:53:22 2025

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-12B			SDG No.:	Q3719
Lab Sample ID:	Q3719-06			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	87.3
Sample Wt/Vol:	30.04 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	15.9		1	1.35	2.29	mg/kg	FE057066.D	11/27/25 3:13	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	4.24	J	1	1.04	4.57	mg/kg	FE057066.D	11/27/25 3:13	PB170736
Total AliphaticEPH	Total AliphaticEPH	20.1			2.39	6.86	mg/kg			
Total EPH	Total EPH	20.1			2.39	6.86	mg/kg			

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

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

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

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-12B			SDG No.:	Q3719
Lab Sample ID:	Q3719-06			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	87.3
Sample Wt/Vol:	30.04 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	4.24	J	1	1.04	4.57	mg/kg	11/27/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	15.9		1	1.35	2.29	mg/kg	11/27/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	19.7			40 - 140	39%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	23.3			40 - 140	47%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3719-06	Acq On:	27 Nov 2025 03:13
Client Sample ID:	SB-1125-12B	Operator:	YP\AJ
Data file:	FE057066.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	3.202	6.826	708486	4.139	300	ug/ml
Aliphatic C12-C16	6.827	10.271	1594990	8.923	200	ug/ml
Aliphatic C16-C21	10.272	13.644	3131799	16.792	300	ug/ml
Aliphatic C21-C28	13.645	17.314	4948511	25.671	400	ug/ml
Aliphatic C28-C40	17.315	22.241	33208675	208.447	600	ug/ml
Aliphatic EPH	3.202	22.241	43592461	263.972		ug/ml
ortho-Terphenyl (SURR)	11.943	11.943	4870450	23.31		ug/ml
1-chlorooctadecane (SURR)	13.380	13.380	3170754	19.68		ug/ml
Aliphatic C9-C28	3.202	17.314	10383786	55.525	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057066.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 03:13
Operator : YP\AJ
Sample : Q3719-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-12B

Integration File: sample.E
Quant Time: Nov 28 19:47:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 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)	11.943	4870450	23.313 ug/ml
Spiked Amount 50.000		Recovery = 46.63%	
12) S 1-chlorooctadecane (S...	13.380	3170754	19.680 ug/ml
Spiked Amount 50.000		Recovery = 39.36%	
Target Compounds			

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

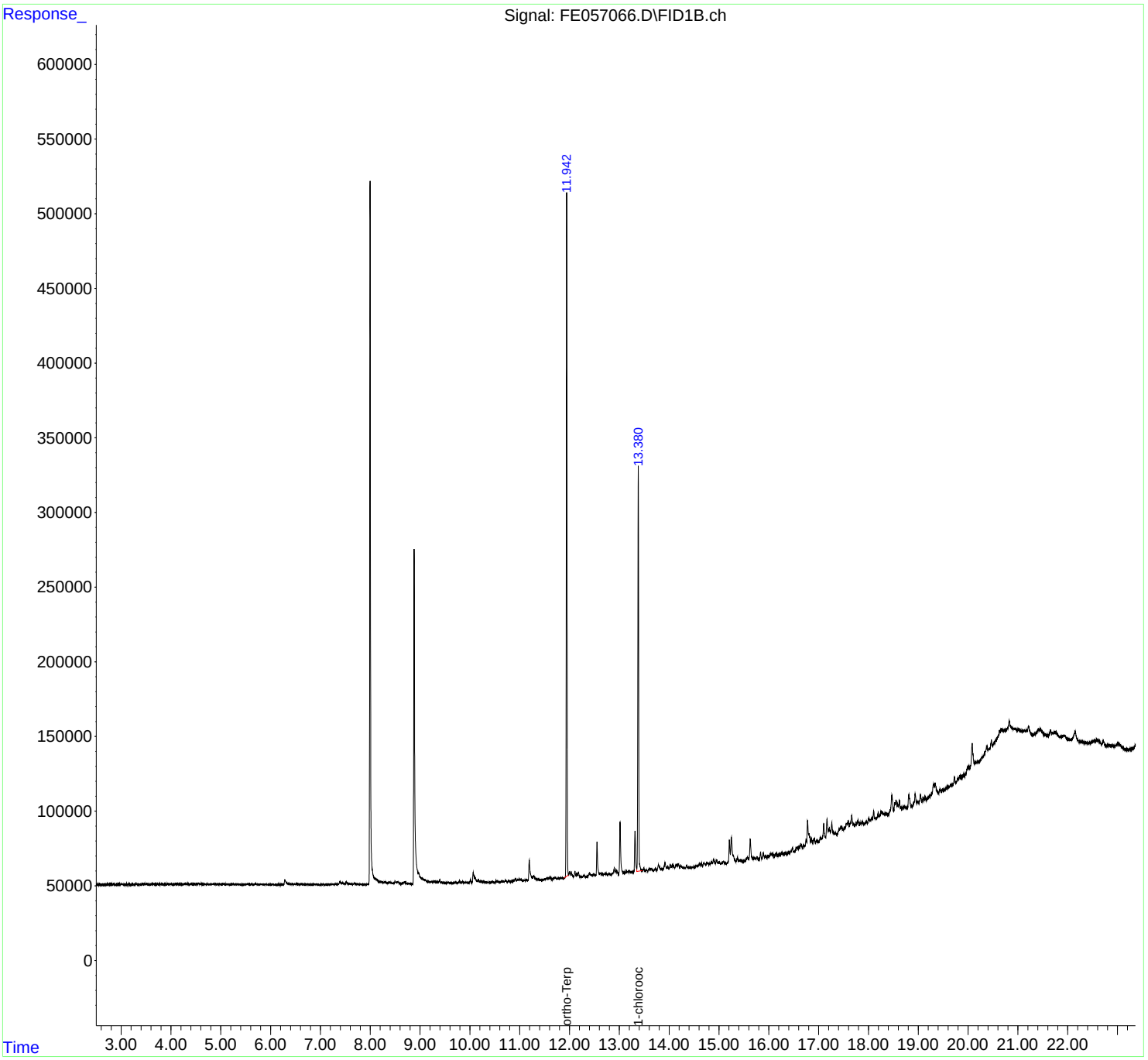
Quantitation Report (QT Reviewed)

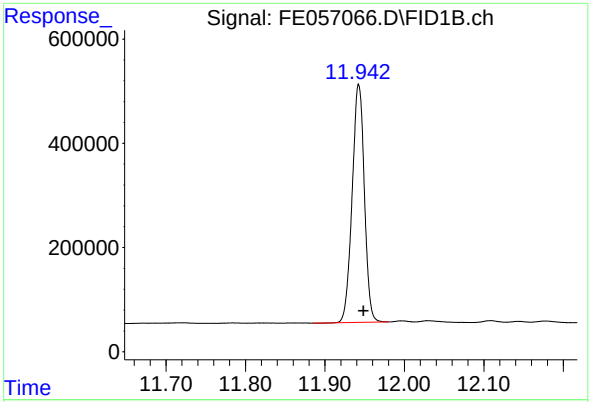
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057066.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 03:13
Operator : YP\AJ
Sample : Q3719-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-12B

Integration File: sample.E
Quant Time: Nov 28 19:47:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

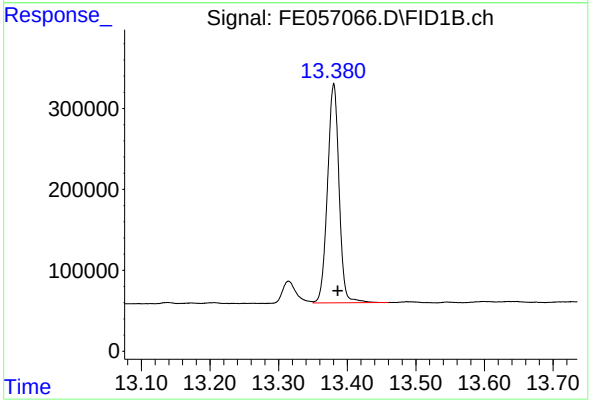




#9 ortho-Terphenyl (SURR)

R.T.: 11.943 min
Delta R.T.: -0.006 min
Response: 4870450
Conc: 23.31 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-12B



#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: -0.006 min
Response: 3170754
Conc: 19.68 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057066.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 03:13
Sample : Q3719-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	2.571	2.568	2.579	VV	94	314	0.01%	0.001%
2	2.618	2.579	2.708	PV	173	5104	0.10%	0.010%
3	2.729	2.708	2.822	VV	448	13448	0.27%	0.026%
4	2.847	2.822	2.924	VV	183	7981	0.16%	0.015%
5	2.932	2.924	2.964	VV	167	2791	0.06%	0.005%
6	2.998	2.964	3.026	VV	517	10124	0.20%	0.019%
7	3.035	3.026	3.050	VV	185	2076	0.04%	0.004%
8	3.078	3.050	3.088	VV	267	3759	0.08%	0.007%
9	3.106	3.088	3.135	VV	277	4630	0.09%	0.009%
10	3.145	3.135	3.197	VV	144	4499	0.09%	0.009%
11	3.221	3.197	3.269	VV	243	6188	0.13%	0.012%
12	3.299	3.269	3.331	VV	579	11775	0.24%	0.023%
13	3.341	3.331	3.397	VV	210	6945	0.14%	0.013%
14	3.441	3.397	3.454	VV	318	8614	0.17%	0.017%
15	3.471	3.454	3.484	VV	356	4899	0.10%	0.009%
16	3.515	3.484	3.561	VV	393	12614	0.26%	0.024%
17	3.612	3.561	3.728	VV	483	27089	0.55%	0.052%
18	3.743	3.728	3.764	VV	471	8462	0.17%	0.016%
19	3.768	3.764	3.784	VV	372	3574	0.07%	0.007%
20	3.795	3.784	3.818	VV	396	7130	0.14%	0.014%
21	3.825	3.818	3.857	VV	408	8165	0.17%	0.016%
22	3.889	3.857	3.918	VV	423	12828	0.26%	0.025%
23	3.933	3.918	3.948	VV	505	6643	0.13%	0.013%
24	3.988	3.948	4.051	VV	790	23906	0.48%	0.046%
25	4.091	4.051	4.141	VV	571	21665	0.44%	0.042%
26	4.156	4.141	4.235	VV	407	17145	0.35%	0.033%
27	4.242	4.235	4.258	VV	283	3593	0.07%	0.007%
28	4.284	4.258	4.314	VV	857	17721	0.36%	0.034%
29	4.321	4.314	4.346	VV	444	7905	0.16%	0.015%
30	4.356	4.346	4.403	VV	454	12180	0.25%	0.023%
31	4.445	4.403	4.477	VV	469	15909	0.32%	0.031%
32	4.488	4.477	4.511	VV	458	7339	0.15%	0.014%
33	4.553	4.511	4.578	VV	1053	21742	0.44%	0.042%
34	4.597	4.578	4.621	VV	599	12342	0.25%	0.024%
35	4.631	4.621	4.658	VV	454	8264	0.17%	0.016%
36	4.669	4.658	4.684	VV	357	4926	0.10%	0.009%

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37	4.736	4.684	4.794	VV	443	23420	0.47%	0.045%
38	4.801	4.794	4.814	VV	379	4148	0.08%	0.008%
39	4.835	4.814	4.852	VV	570	9347	0.19%	0.018%
40	4.860	4.852	4.884	VV	393	6445	0.13%	0.012%
41	4.901	4.884	4.936	VV	360	9885	0.20%	0.019%
42	4.958	4.936	5.011	VV	345	14314	0.29%	0.028%
43	5.022	5.011	5.045	VV	343	6209	0.13%	0.012%
44	5.062	5.045	5.120	VV	603	15152	0.31%	0.029%
45	5.146	5.120	5.175	VV	289	7509	0.15%	0.014%
46	5.186	5.175	5.203	VV	209	2790	0.06%	0.005%
47	5.216	5.203	5.246	VV	304	5704	0.12%	0.011%
48	5.264	5.246	5.285	VV	348	5545	0.11%	0.011%
49	5.305	5.285	5.321	VV	363	5721	0.12%	0.011%
50	5.334	5.321	5.457	VV	313	16553	0.33%	0.032%
51	5.557	5.457	5.595	VV	398	20334	0.41%	0.039%
52	5.604	5.595	5.666	VV	259	8887	0.18%	0.017%
53	5.694	5.666	5.791	VV	959	24960	0.51%	0.048%
54	5.802	5.791	5.844	VV	260	6229	0.13%	0.012%
55	5.879	5.844	5.946	VV	299	10691	0.22%	0.021%
56	5.959	5.946	5.971	VV	132	1648	0.03%	0.003%
57	5.997	5.971	6.038	VV	334	8152	0.16%	0.016%
58	6.052	6.038	6.071	VV	197	2797	0.06%	0.005%
59	6.086	6.071	6.148	VV	166	3955	0.08%	0.008%
60	6.163	6.148	6.203	PV	158	2761	0.06%	0.005%
61	6.227	6.203	6.245	VV	183	2557	0.05%	0.005%
62	6.287	6.245	6.400	VV	3386	101451	2.05%	0.195%
63	6.434	6.400	6.459	VV	642	18240	0.37%	0.035%
64	6.466	6.459	6.488	VV	378	6252	0.13%	0.012%
65	6.504	6.488	6.579	VV	445	18694	0.38%	0.036%
66	6.601	6.579	6.614	VV	334	5954	0.12%	0.011%
67	6.627	6.614	6.658	VV	417	7952	0.16%	0.015%
68	6.670	6.658	6.704	VV	339	7145	0.14%	0.014%
69	6.726	6.704	6.790	VV	752	12742	0.26%	0.025%
70	6.814	6.790	6.862	VV	167	4780	0.10%	0.009%
71	6.878	6.862	6.901	VV	336	5021	0.10%	0.010%
72	6.914	6.901	6.964	VV	206	3076	0.06%	0.006%
73	6.980	6.964	6.990	VV	76	952	0.02%	0.002%
74	7.024	6.990	7.079	VV	184	7058	0.14%	0.014%
75	7.096	7.079	7.107	VV	142	1634	0.03%	0.003%
76	7.121	7.107	7.152	VV	191	2708	0.05%	0.005%
77	7.182	7.152	7.187	VV	117	1748	0.04%	0.003%
78	7.199	7.187	7.211	VV	126	1633	0.03%	0.003%
79	7.300	7.211	7.322	VV	314	13595	0.28%	0.026%
80	7.348	7.322	7.361	VV	376	7748	0.16%	0.015%
81	7.389	7.361	7.432	VV	1906	47343	0.96%	0.091%
82	7.447	7.432	7.491	VV	1142	26117	0.53%	0.050%
83	7.517	7.491	7.608	VV	1996	55582	1.12%	0.107%
84	7.618	7.608	7.644	VV	471	8736	0.18%	0.017%
85	7.675	7.644	7.740	VV	937	22565	0.46%	0.043%
86	7.761	7.740	7.777	VV	186	3005	0.06%	0.006%
87	7.848	7.777	7.886	VV	217	6909	0.14%	0.013%
88	7.904	7.886	7.934	VV	113	1883	0.04%	0.004%
89	8.247	8.238	8.269	VV	1418	24121	0.49%	0.046%

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90	8.298	8.269	8.364	VV	1319	60277	1.22%	0.116%
91	8.381	8.364	8.391	VV	1210	17590	0.36%	0.034%
92	8.398	8.391	8.450	VV	1205	32540	0.66%	0.063%
93	8.466	8.450	8.475	VV	807	11501	0.23%	0.022%
94	8.497	8.475	8.515	VV	2079	33354	0.68%	0.064%
95	8.528	8.515	8.541	VV	1342	19072	0.39%	0.037%
96	8.558	8.541	8.627	VV	1878	46346	0.94%	0.089%
97	8.687	8.627	8.757	VV	1376	53673	1.09%	0.103%
98	8.775	8.757	8.798	VV	426	6724	0.14%	0.013%
99	8.812	8.798	8.851	VV	256	3837	0.08%	0.007%
100	8.974	8.968	9.084	VV	7269	298273	6.04%	0.574%
101	9.098	9.084	9.204	VV	2866	130107	2.63%	0.250%
102	9.224	9.204	9.247	VV	1450	32034	0.65%	0.062%
103	9.293	9.247	9.368	VV	1640	90286	1.83%	0.174%
104	9.390	9.368	9.424	VV	2340	44079	0.89%	0.085%
105	9.437	9.424	9.503	VV	1051	27599	0.56%	0.053%
106	9.512	9.503	9.531	VV	312	4668	0.09%	0.009%
107	9.551	9.531	9.574	VV	834	12736	0.26%	0.025%
108	9.590	9.574	9.651	VV	510	11523	0.23%	0.022%
109	9.703	9.651	9.744	VV	585	18566	0.38%	0.036%
110	9.788	9.744	9.827	VV	1219	30438	0.62%	0.059%
111	9.851	9.827	9.879	VV	934	18756	0.38%	0.036%
112	9.892	9.879	9.910	VV	461	6441	0.13%	0.012%
113	9.926	9.910	9.983	VV	352	10841	0.22%	0.021%
114	10.011	9.983	10.038	VV	2585	31897	0.65%	0.061%
115	10.067	10.038	10.153	VV	6995	208878	4.23%	0.402%
116	10.171	10.153	10.195	VV	2194	36469	0.74%	0.070%
117	10.215	10.195	10.249	VV	1119	28461	0.58%	0.055%
118	10.270	10.249	10.321	VV	966	26590	0.54%	0.051%
119	10.338	10.321	10.361	VV	366	7009	0.14%	0.013%
120	10.371	10.361	10.385	VV	353	4146	0.08%	0.008%
121	10.397	10.385	10.426	VV	264	3641	0.07%	0.007%
122	10.453	10.426	10.498	VV	975	11549	0.23%	0.022%
123	10.531	10.498	10.548	PV	1110	18614	0.38%	0.036%
124	10.556	10.548	10.581	VV	634	8366	0.17%	0.016%
125	10.650	10.581	10.684	VV	529	20287	0.41%	0.039%
126	10.713	10.684	10.747	VV	1135	22271	0.45%	0.043%
127	10.780	10.747	10.813	VV	850	18442	0.37%	0.036%
128	10.837	10.813	10.857	VV	620	10847	0.22%	0.021%
129	10.913	10.857	10.932	VV	1925	39734	0.80%	0.077%
130	10.950	10.932	10.968	VV	1203	18485	0.37%	0.036%
131	10.986	10.968	11.071	VV	1784	58487	1.18%	0.113%
132	11.093	11.071	11.110	VV	647	11206	0.23%	0.022%
133	11.132	11.110	11.163	VV	784	17870	0.36%	0.034%
134	11.192	11.163	11.258	VV	13700	282758	5.72%	0.544%
135	11.279	11.258	11.347	VV	3212	97216	1.97%	0.187%
136	11.362	11.347	11.432	VV	856	25241	0.51%	0.049%
137	11.441	11.432	11.449	VV	152	1243	0.03%	0.002%
138	11.503	11.449	11.517	PV	720	14851	0.30%	0.029%
139	11.551	11.517	11.568	VV	1347	28235	0.57%	0.054%
140	11.589	11.568	11.601	VV	1283	20794	0.42%	0.040%
141	11.618	11.601	11.641	VV	1693	23140	0.47%	0.045%

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142	11.720	11.641	11.746	VV	1207	35632	0.72%	0.069%
143	11.755	11.746	11.764	VV	155	1475	0.03%	0.003%
144	11.785	11.764	11.802	VV	867	10869	0.22%	0.021%
145	11.822	11.802	11.843	VV	576	10592	0.21%	0.020%
146	11.861	11.843	11.892	VV	499	10511	0.21%	0.020%
147	11.943	11.892	11.980	VV	459012	4941124	100.00%	9.513%
148	11.997	11.980	12.013	VV	4213	64239	1.30%	0.124%
149	12.030	12.013	12.084	VV	4448	101422	2.05%	0.195%
150	12.108	12.084	12.128	VV	4394	65897	1.33%	0.127%
151	12.144	12.128	12.159	VV	2938	40124	0.81%	0.077%
152	12.178	12.159	12.213	VV	3359	59443	1.20%	0.114%
153	12.236	12.213	12.255	VV	581	9586	0.19%	0.018%
154	12.288	12.255	12.316	VV	1508	24165	0.49%	0.047%
155	12.332	12.316	12.340	PV	411	4657	0.09%	0.009%
156	12.357	12.340	12.370	VV	479	7234	0.15%	0.014%
157	12.392	12.370	12.457	VV	2115	70702	1.43%	0.136%
158	12.476	12.457	12.526	VV	1560	39754	0.80%	0.077%
159	12.552	12.526	12.604	VV	22846	325144	6.58%	0.626%
160	12.614	12.604	12.634	VV	1808	26142	0.53%	0.050%
161	12.653	12.634	12.673	VV	1300	23622	0.48%	0.045%
162	12.715	12.673	12.766	VV	1227	45648	0.92%	0.088%
163	12.789	12.766	12.836	VV	1349	25808	0.52%	0.050%
164	12.895	12.836	12.914	PV	3905	75516	1.53%	0.145%
165	12.932	12.914	12.984	VV	3019	66099	1.34%	0.127%
166	13.015	12.984	13.102	VV	35037	538226	10.89%	1.036%
167	13.138	13.102	13.154	VV	2005	35540	0.72%	0.068%
168	13.173	13.154	13.187	VV	1369	20893	0.42%	0.040%
169	13.205	13.187	13.242	VV	1634	33065	0.67%	0.064%
170	13.263	13.242	13.280	VV	697	13814	0.28%	0.027%
171	13.315	13.280	13.351	VV	27962	406341	8.22%	0.782%
172	13.380	13.351	13.454	VV	272234	3230602	65.38%	6.220%
173	13.489	13.454	13.529	VV	2038	57849	1.17%	0.111%
174	13.546	13.529	13.569	VV	1385	22369	0.45%	0.043%
175	13.599	13.569	13.617	VV	1955	41829	0.85%	0.081%
176	13.636	13.617	13.688	VV	1909	53160	1.08%	0.102%
177	13.728	13.688	13.755	VV	1369	38343	0.78%	0.074%
178	13.786	13.755	13.841	VV	4036	102415	2.07%	0.197%
179	13.858	13.841	13.871	VV	918	13596	0.28%	0.026%
180	13.916	13.871	13.951	VV	5184	125909	2.55%	0.242%
181	13.970	13.951	13.997	VV	2262	40281	0.82%	0.078%
182	14.021	13.997	14.043	VV	3628	60753	1.23%	0.117%
183	14.062	14.043	14.078	VV	3350	52955	1.07%	0.102%
184	14.084	14.078	14.108	VV	2708	34408	0.70%	0.066%
185	14.152	14.108	14.172	VV	3019	91080	1.84%	0.175%
186	14.187	14.172	14.214	VV	3441	58200	1.18%	0.112%
187	14.233	14.214	14.272	VV	2562	49187	1.00%	0.095%
188	14.283	14.272	14.331	VV	807	16881	0.34%	0.033%
189	14.351	14.331	14.408	VV	2078	39819	0.81%	0.077%
190	14.418	14.408	14.446	VV	401	6386	0.13%	0.012%
191	14.464	14.446	14.478	VV	630	6461	0.13%	0.012%
192	14.497	14.478	14.513	PV	627	6870	0.14%	0.013%
193	14.535	14.513	14.557	VV	1113	19573	0.40%	0.038%
194	14.611	14.557	14.627	VV	1763	51531	1.04%	0.099%

195	14.646	14.627	14.668	VV	2417	37454	0.76%	0.072%
196	14.697	14.668	14.733	VV	2646	63264	1.28%	0.122%
197	14.760	14.733	14.774	VV	2520	45779	0.93%	0.088%
198	14.783	14.774	14.822	VV	1827	43630	0.88%	0.084%
199	14.847	14.822	14.868	VV	2314	53650	1.09%	0.103%
200	14.892	14.868	14.924	VV	4209	87651	1.77%	0.169%
201	14.953	14.924	14.983	VV	3364	76794	1.55%	0.148%
202	14.998	14.983	15.040	VV	2144	46550	0.94%	0.090%
203	15.053	15.040	15.068	VV	1107	14500	0.29%	0.028%
204	15.091	15.068	15.121	VV	2275	43186	0.87%	0.083%
205	15.128	15.121	15.145	VV	737	5832	0.12%	0.011%
206	15.209	15.145	15.227	PV	15967	236874	4.79%	0.456%
207	15.249	15.227	15.338	VV	17352	457117	9.25%	0.880%
208	15.371	15.338	15.394	VV	3649	68064	1.38%	0.131%
209	15.412	15.394	15.476	VV	1612	49652	1.00%	0.096%
210	15.508	15.476	15.525	PV	726	10862	0.22%	0.021%
211	15.569	15.525	15.601	VV	2672	69895	1.41%	0.135%
212	15.627	15.601	15.692	VV	14542	273636	5.54%	0.527%
213	15.715	15.692	15.734	VV	1462	28311	0.57%	0.055%
214	15.763	15.734	15.788	VV	2364	39417	0.80%	0.076%
215	15.834	15.788	15.866	VV	4965	67085	1.36%	0.129%
216	15.887	15.866	15.911	PV	4286	61313	1.24%	0.118%
217	15.926	15.911	15.960	VV	1666	34576	0.70%	0.067%
218	15.983	15.960	16.004	VV	1694	26233	0.53%	0.051%
219	16.028	16.004	16.044	VV	2268	41627	0.84%	0.080%
220	16.065	16.044	16.111	VV	2202	60040	1.22%	0.116%
221	16.144	16.111	16.183	VV	1896	40066	0.81%	0.077%
222	16.211	16.183	16.224	PV	1301	14598	0.30%	0.028%
223	16.264	16.224	16.302	VV	1744	46453	0.94%	0.089%
224	16.328	16.302	16.340	VV	1084	14600	0.30%	0.028%
225	16.348	16.340	16.372	VV	906	11200	0.23%	0.022%
226	16.474	16.372	16.499	PV	3223	80782	1.63%	0.156%
227	16.565	16.499	16.586	PV	2336	59797	1.21%	0.115%
228	16.650	16.586	16.681	VV	3496	120378	2.44%	0.232%
229	16.707	16.681	16.726	VV	2222	41239	0.83%	0.079%
230	16.748	16.726	16.758	VV	5887	70806	1.43%	0.136%
231	16.779	16.758	16.841	VV	17606	427056	8.64%	0.822%
232	16.857	16.841	16.880	VV	4665	74804	1.51%	0.144%
233	16.914	16.880	16.938	VV	4121	89838	1.82%	0.173%
234	16.966	16.938	17.000	VV	1615	41270	0.84%	0.079%
235	17.044	17.000	17.063	VV	2917	74767	1.51%	0.144%
236	17.102	17.063	17.140	VV	11734	225702	4.57%	0.435%
237	17.168	17.140	17.198	VV	13818	261783	5.30%	0.504%
238	17.212	17.198	17.233	VV	6802	123155	2.49%	0.237%
239	17.265	17.233	17.328	VV	10355	272577	5.52%	0.525%
240	17.338	17.328	17.367	VV	2733	42401	0.86%	0.082%
241	17.459	17.367	17.493	VV	5558	267962	5.42%	0.516%
242	17.564	17.493	17.575	VV	6132	205395	4.16%	0.395%
243	17.592	17.575	17.614	VV	7444	137305	2.78%	0.264%
244	17.665	17.614	17.721	VV	10008	338159	6.84%	0.651%
245	17.758	17.721	17.767	VV	4009	86828	1.76%	0.167%
246	17.790	17.767	17.814	VV	5377	108840	2.20%	0.210%

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247	17.830	17.814	17.853	VV	3400	61307	1.24%	0.118%
248	17.870	17.853	17.904	VV	3627	76090	1.54%	0.146%
249	17.957	17.904	17.978	VV	2760	79860	1.62%	0.154%
250	18.006	17.978	18.041	VV	4113	99119	2.01%	0.191%
251	18.105	18.041	18.133	VV	7678	205717	4.16%	0.396%
252	18.147	18.133	18.161	VV	2443	36856	0.75%	0.071%
253	18.198	18.161	18.213	VV	4902	99426	2.01%	0.191%
254	18.256	18.213	18.308	VV	5952	230162	4.66%	0.443%
255	18.316	18.308	18.404	VV	3027	139730	2.83%	0.269%
256	18.471	18.404	18.506	VV	13821	380168	7.69%	0.732%
257	18.555	18.506	18.604	VV	9225	380850	7.71%	0.733%
258	18.623	18.604	18.670	VV	7823	176419	3.57%	0.340%
259	18.727	18.670	18.752	VV	2938	125972	2.55%	0.243%
260	18.811	18.752	18.861	VV	10094	268287	5.43%	0.517%
261	18.938	18.861	19.009	VV	8787	302308	6.12%	0.582%
262	19.044	19.009	19.071	VV	7020	144712	2.93%	0.279%
263	19.096	19.071	19.116	VV	4706	88763	1.80%	0.171%
264	19.139	19.116	19.171	VV	4487	98811	2.00%	0.190%
265	19.340	19.171	19.396	VV	11340	791694	16.02%	1.524%
266	19.437	19.396	19.462	VV	5840	178148	3.61%	0.343%
267	19.489	19.462	19.506	VV	4482	115472	2.34%	0.222%
268	19.590	19.506	19.611	VV	5732	301947	6.11%	0.581%
269	19.725	19.611	19.768	VV	9971	610940	12.36%	1.176%
270	19.836	19.768	19.854	VV	9920	438968	8.88%	0.845%
271	19.912	19.854	19.931	VV	9925	414645	8.39%	0.798%
272	20.006	19.931	20.028	VV	14084	671956	13.60%	1.294%
273	20.082	20.028	20.124	VV	28290	1066029	21.57%	2.052%
274	20.146	20.124	20.191	VV	15676	601366	12.17%	1.158%
275	20.206	20.191	20.220	VV	14766	252955	5.12%	0.487%
276	20.378	20.220	20.401	VV	22635	1971481	39.90%	3.796%
277	20.468	20.401	20.498	VV	26241	1280729	25.92%	2.466%
278	20.672	20.498	20.724	VV	31230	3693615	74.75%	7.111%
279	20.827	20.724	20.991	VV	34432	4682125	94.76%	9.015%
280	21.008	20.991	21.071	VV	26713	1233921	24.97%	2.376%
281	21.109	21.071	21.188	VV	24802	1679261	33.99%	3.233%
282	21.213	21.188	21.308	VV	26137	1586224	32.10%	3.054%
283	21.408	21.308	21.424	VV	21479	1399643	28.33%	2.695%
284	21.444	21.424	21.531	VV	21456	1234506	24.98%	2.377%
285	21.548	21.531	21.618	VV	16617	809397	16.38%	1.558%
286	21.654	21.618	21.684	VV	18399	656822	13.29%	1.265%
287	21.743	21.684	21.838	VV	15739	1317096	26.66%	2.536%
288	21.855	21.838	21.888	VV	11362	329510	6.67%	0.634%
289	21.909	21.888	22.047	VV	11285	873828	17.68%	1.682%
290	22.148	22.047	22.265	VV	10779	834950	16.90%	1.608%
291	22.284	22.265	22.341	VV	2860	91360	1.85%	0.176%
292	22.354	22.341	22.408	VV	1682	28860	0.58%	0.056%

Sum of corrected areas: 51939135

Aliphatic EPH 103025.M Fri Nov 28 20:56:16 2025

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-14A			SDG No.:	Q3719
Lab Sample ID:	Q3719-07			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	83.4
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	13.5		1	1.41	2.40	mg/kg	FE057067.D	11/27/25 3:43	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	3.88	J	1	1.09	4.80	mg/kg	FE057067.D	11/27/25 3:43	PB170736
Total AliphaticEPH	Total AliphaticEPH	17.4			2.50	7.20	mg/kg			
Total EPH	Total EPH	17.4			2.50	7.20	mg/kg			

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

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

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

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-14A			SDG No.:	Q3719
Lab Sample ID:	Q3719-07			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	83.4
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	3.88	J	1	1.09	4.80	mg/kg	11/27/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	13.5		1	1.41	2.40	mg/kg	11/27/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	21.5			40 - 140	43%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	25.4			40 - 140	51%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3719-07	Acq On:	27 Nov 2025 03:43
Client Sample ID:	SB-1125-14A	Operator:	YP\AJ
Data file:	FE057067.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	3.202	6.826	733291	4.284	300	ug/ml
Aliphatic C12-C16	6.827	10.271	988354	5.529	200	ug/ml
Aliphatic C16-C21	10.272	13.644	2566664	13.762	300	ug/ml
Aliphatic C21-C28	13.645	17.314	4837932	25.097	400	ug/ml
Aliphatic C28-C40	17.315	22.241	26865466	168.631	600	ug/ml
Aliphatic EPH	3.202	22.241	35991707	217.304		ug/ml
ortho-Terphenyl (SURR)	11.943	11.943	5316214	25.45		ug/ml
1-chlorooctadecane (SURR)	13.381	13.381	3466394	21.51		ug/ml
Aliphatic C9-C28	3.202	17.314	9126241	48.672	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057067.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 03:43
Operator : YP\AJ
Sample : Q3719-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-14A

Integration File: sample.E
Quant Time: Nov 28 19:48:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 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)	11.943	5316214	25.447 ug/ml
Spiked Amount 50.000		Recovery =	50.89%
12) S 1-chlorooctadecane (S...	13.381	3466394	21.515 ug/ml
Spiked Amount 50.000		Recovery =	43.03%
Target Compounds			

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

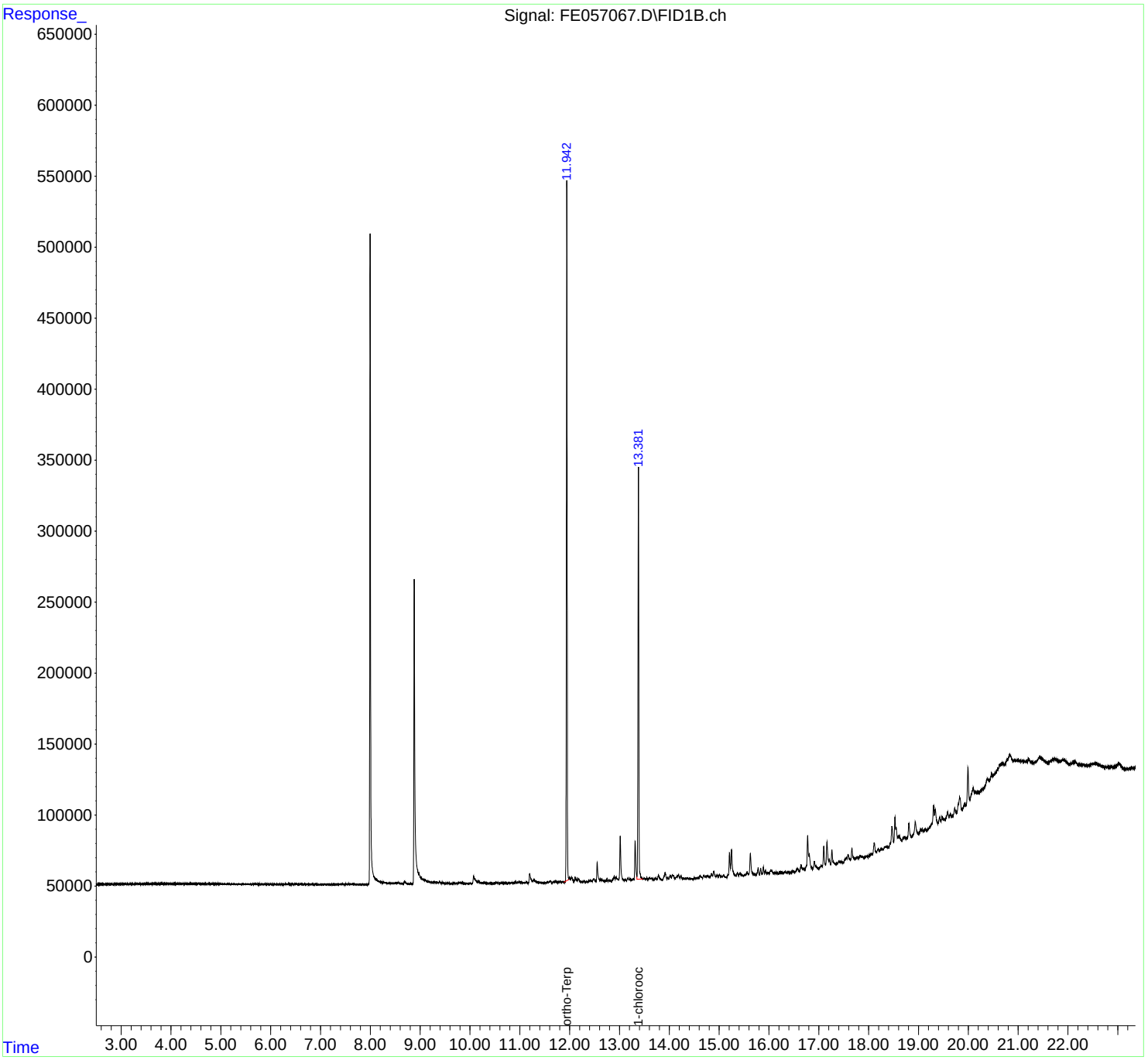
Quantitation Report (QT Reviewed)

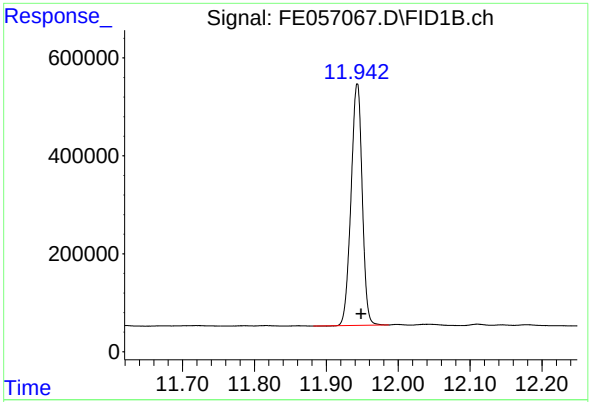
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057067.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 03:43
Operator : YP\AJ
Sample : Q3719-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-14A

Integration File: sample.E
Quant Time: Nov 28 19:48:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

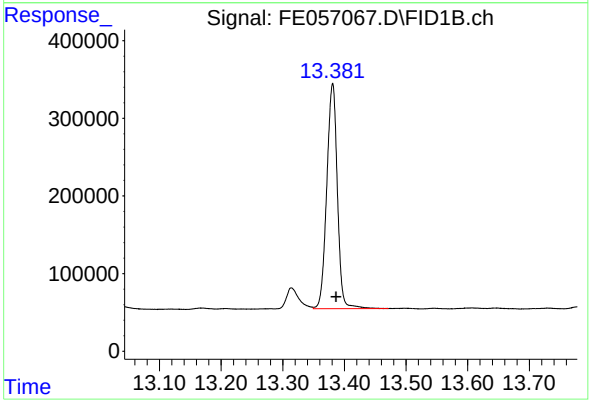




#9 ortho-Terphenyl (SURR)

R.T.: 11.943 min
Delta R.T.: -0.006 min
Response: 5316214
Conc: 25.45 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-14A



#12 1-chlorooctadecane (SURR)

R.T.: 13.381 min
Delta R.T.: -0.006 min
Response: 3466394
Conc: 21.51 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057067.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 03:43
Sample : Q3719-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	2.564	2.524	2.577	BV	98	760	0.01%	0.002%
2	2.641	2.577	2.652	VV	150	2869	0.05%	0.006%
3	2.676	2.652	2.694	PV	104	1475	0.03%	0.003%
4	2.732	2.694	2.748	VV	219	4057	0.08%	0.009%
5	2.753	2.748	2.782	VV	227	2516	0.05%	0.006%
6	2.814	2.782	2.831	VV	173	3605	0.07%	0.008%
7	2.854	2.831	2.890	VV	248	5470	0.10%	0.012%
8	2.906	2.890	2.930	VV	190	3857	0.07%	0.009%
9	2.939	2.930	2.954	VV	249	2814	0.05%	0.006%
10	2.962	2.954	2.981	VV	224	3458	0.06%	0.008%
11	2.997	2.981	3.025	VV	312	5951	0.11%	0.013%
12	3.040	3.025	3.058	VV	249	3896	0.07%	0.009%
13	3.083	3.058	3.111	VV	332	8197	0.15%	0.018%
14	3.120	3.111	3.191	VV	304	11885	0.22%	0.026%
15	3.224	3.191	3.275	VV	332	13854	0.26%	0.031%
16	3.293	3.275	3.326	VV	440	11053	0.21%	0.025%
17	3.331	3.326	3.361	VV	402	7263	0.13%	0.016%
18	3.387	3.361	3.404	VV	398	8637	0.16%	0.019%
19	3.423	3.404	3.485	VV	434	18686	0.35%	0.042%
20	3.509	3.485	3.548	VV	478	16030	0.30%	0.036%
21	3.568	3.548	3.597	VV	483	12647	0.23%	0.028%
22	3.609	3.597	3.621	VV	490	6594	0.12%	0.015%
23	3.625	3.621	3.687	VV	536	18030	0.33%	0.040%
24	3.698	3.687	3.714	VV	488	7201	0.13%	0.016%
25	3.742	3.714	3.775	VV	572	16786	0.31%	0.037%
26	3.828	3.775	3.878	VV	567	29182	0.54%	0.065%
27	3.880	3.878	3.898	VV	546	5531	0.10%	0.012%
28	3.933	3.898	3.956	VV	538	16310	0.30%	0.036%
29	3.992	3.956	4.044	VV	586	24987	0.46%	0.056%
30	4.091	4.044	4.108	VV	617	18699	0.35%	0.042%
31	4.118	4.108	4.187	VV	539	22232	0.41%	0.049%
32	4.198	4.187	4.206	VV	524	5137	0.10%	0.011%
33	4.220	4.206	4.264	VV	487	15573	0.29%	0.035%
34	4.288	4.264	4.317	VV	559	16276	0.30%	0.036%
35	4.327	4.317	4.405	VV	533	24947	0.46%	0.055%
36	4.421	4.405	4.431	VV	518	7482	0.14%	0.017%

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37	4.450	4.431	4.480	VV	554	13347	0.25%	0.030%
38	4.491	4.480	4.504	VV	449	6621	0.12%	0.015%
39	4.553	4.504	4.596	VV	711	26401	0.49%	0.059%
40	4.611	4.596	4.622	VV	508	6944	0.13%	0.015%
41	4.628	4.622	4.671	VV	465	12175	0.23%	0.027%
42	4.675	4.671	4.692	VV	476	5091	0.09%	0.011%
43	4.738	4.692	4.766	VV	576	19426	0.36%	0.043%
44	4.771	4.766	4.798	VV	488	8239	0.15%	0.018%
45	4.835	4.798	4.854	VV	591	15834	0.29%	0.035%
46	4.864	4.854	4.878	VV	517	6675	0.12%	0.015%
47	4.890	4.878	4.938	VV	457	15099	0.28%	0.034%
48	4.947	4.938	5.001	VV	411	15062	0.28%	0.033%
49	5.006	5.001	5.023	VV	429	5097	0.09%	0.011%
50	5.035	5.023	5.044	VV	403	4619	0.09%	0.010%
51	5.064	5.044	5.124	VV	419	17036	0.32%	0.038%
52	5.137	5.124	5.148	VV	409	4819	0.09%	0.011%
53	5.157	5.148	5.181	VV	374	5908	0.11%	0.013%
54	5.220	5.181	5.257	VV	433	14546	0.27%	0.032%
55	5.267	5.257	5.293	VV	305	6082	0.11%	0.014%
56	5.309	5.293	5.340	VV	345	7253	0.13%	0.016%
57	5.355	5.340	5.365	VV	303	3882	0.07%	0.009%
58	5.372	5.365	5.380	VV	258	2224	0.04%	0.005%
59	5.390	5.380	5.484	VV	297	13262	0.25%	0.029%
60	5.495	5.484	5.508	VV	252	3043	0.06%	0.007%
61	5.532	5.508	5.561	VV	325	8514	0.16%	0.019%
62	5.570	5.561	5.609	VV	352	7459	0.14%	0.017%
63	5.615	5.609	5.633	VV	232	3113	0.06%	0.007%
64	5.642	5.633	5.655	VV	234	2706	0.05%	0.006%
65	5.665	5.655	5.672	VV	189	1917	0.04%	0.004%
66	5.695	5.672	5.749	VV	481	13675	0.25%	0.030%
67	5.758	5.749	5.775	VV	235	3169	0.06%	0.007%
68	5.785	5.775	5.791	VV	182	1793	0.03%	0.004%
69	5.819	5.791	5.844	VV	250	6543	0.12%	0.015%
70	5.857	5.844	5.921	VV	276	9145	0.17%	0.020%
71	5.987	5.921	6.015	VV	290	11077	0.21%	0.025%
72	6.024	6.015	6.043	VV	195	3064	0.06%	0.007%
73	6.066	6.043	6.155	VV	288	12349	0.23%	0.027%
74	6.176	6.155	6.217	VV	193	5143	0.10%	0.011%
75	6.231	6.217	6.254	VV	170	2795	0.05%	0.006%
76	6.308	6.254	6.409	VV	508	30616	0.57%	0.068%
77	6.435	6.409	6.482	VV	610	13133	0.24%	0.029%
78	6.529	6.482	6.565	VV	314	10099	0.19%	0.022%
79	6.572	6.565	6.604	VV	168	3590	0.07%	0.008%
80	6.621	6.604	6.651	VV	260	5420	0.10%	0.012%
81	6.664	6.651	6.673	VV	200	2279	0.04%	0.005%
82	6.689	6.673	6.707	VV	274	4286	0.08%	0.010%
83	6.729	6.707	6.798	VV	323	9584	0.18%	0.021%
84	6.878	6.798	6.932	VV	315	10709	0.20%	0.024%
85	6.937	6.932	7.005	VV	129	2497	0.05%	0.006%
86	7.023	7.005	7.048	VV	127	1889	0.04%	0.004%
87	7.058	7.048	7.078	VV	120	1586	0.03%	0.004%
88	7.108	7.078	7.181	VV	142	5272	0.10%	0.012%
89	7.230	7.181	7.290	VV	183	8042	0.15%	0.018%

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90	7.302	7.290	7.311	VV	215	1909	0.04%	0.004%
91	7.316	7.311	7.364	VV	217	4855	0.09%	0.011%
92	7.374	7.364	7.389	VV	223	2631	0.05%	0.006%
93	7.408	7.389	7.431	VV	281	5606	0.10%	0.012%
94	7.448	7.431	7.488	VV	584	10160	0.19%	0.023%
95	7.525	7.488	7.534	VV	342	6461	0.12%	0.014%
96	7.541	7.534	7.551	VV	338	2831	0.05%	0.006%
97	7.574	7.551	7.607	VV	355	8484	0.16%	0.019%
98	7.625	7.607	7.649	VV	315	6041	0.11%	0.013%
99	7.677	7.649	7.825	VV	542	19390	0.36%	0.043%
100	7.859	7.825	7.928	VV	149	4986	0.09%	0.011%
101	8.247	8.234	8.274	VV	1565	33970	0.63%	0.075%
102	8.285	8.274	8.335	VV	1291	42334	0.79%	0.094%
103	8.349	8.335	8.360	VV	1026	14000	0.26%	0.031%
104	8.377	8.360	8.398	VV	1146	22134	0.41%	0.049%
105	8.411	8.398	8.438	VV	892	20163	0.37%	0.045%
106	8.464	8.438	8.481	VV	820	19975	0.37%	0.044%
107	8.504	8.481	8.520	VV	997	20161	0.37%	0.045%
108	8.559	8.520	8.634	VV	1631	55790	1.04%	0.124%
109	8.648	8.634	8.661	VV	518	7499	0.14%	0.017%
110	8.690	8.661	8.775	VV	2055	60645	1.13%	0.135%
111	8.784	8.775	8.833	VV	380	10965	0.20%	0.024%
112	9.226	9.208	9.238	VV	1421	25109	0.47%	0.056%
113	9.245	9.238	9.270	VV	1293	22918	0.43%	0.051%
114	9.302	9.270	9.364	VV	1385	64371	1.19%	0.143%
115	9.389	9.364	9.424	VV	1925	43244	0.80%	0.096%
116	9.438	9.424	9.522	VV	919	37565	0.70%	0.083%
117	9.550	9.522	9.581	VV	689	18839	0.35%	0.042%
118	9.591	9.581	9.624	VV	575	11154	0.21%	0.025%
119	9.647	9.624	9.664	VV	441	9094	0.17%	0.020%
120	9.690	9.664	9.712	VV	497	11818	0.22%	0.026%
121	9.798	9.712	9.838	VV	849	38771	0.72%	0.086%
122	9.854	9.838	9.883	VV	689	14016	0.26%	0.031%
123	9.930	9.883	9.977	VV	494	20501	0.38%	0.046%
124	10.008	9.977	10.031	VV	494	8539	0.16%	0.019%
125	10.074	10.031	10.153	VV	4945	167227	3.10%	0.372%
126	10.171	10.153	10.324	VV	2102	84203	1.56%	0.187%
127	10.348	10.324	10.426	VV	392	14761	0.27%	0.033%
128	10.451	10.426	10.478	VV	212	3327	0.06%	0.007%
129	10.534	10.478	10.551	PV	702	16420	0.30%	0.036%
130	10.558	10.551	10.584	VV	614	7729	0.14%	0.017%
131	10.650	10.584	10.682	VV	468	16188	0.30%	0.036%
132	10.709	10.682	10.746	VV	456	10240	0.19%	0.023%
133	10.779	10.746	10.818	VV	483	11593	0.22%	0.026%
134	10.840	10.818	10.878	VV	567	12914	0.24%	0.029%
135	10.914	10.878	10.934	VV	1381	22182	0.41%	0.049%
136	10.952	10.934	10.964	VV	805	10785	0.20%	0.024%
137	10.985	10.964	11.081	VV	1105	37303	0.69%	0.083%
138	11.136	11.081	11.170	VV	997	20015	0.37%	0.044%
139	11.198	11.170	11.264	VV	6684	160418	2.98%	0.357%
140	11.287	11.264	11.351	VV	2237	75596	1.40%	0.168%
141	11.362	11.351	11.467	VV	708	22757	0.42%	0.051%

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142	11.499	11.467	11.521	PV	169	3237	0.06%	0.007%
143	11.550	11.521	11.571	VV	657	11212	0.21%	0.025%
144	11.596	11.571	11.603	VV	1022	14774	0.27%	0.033%
145	11.617	11.603	11.651	VV	1499	21461	0.40%	0.048%
146	11.674	11.651	11.685	VV	540	7877	0.15%	0.018%
147	11.720	11.685	11.764	VV	1052	28667	0.53%	0.064%
148	11.786	11.764	11.800	VV	733	9923	0.18%	0.022%
149	11.816	11.800	11.842	VV	1073	14525	0.27%	0.032%
150	11.862	11.842	11.888	VV	611	8240	0.15%	0.018%
151	11.943	11.888	11.988	VV	500020	5388949	100.00%	11.977%
152	11.999	11.988	12.017	VV	3227	46402	0.86%	0.103%
153	12.043	12.017	12.087	VV	3618	96455	1.79%	0.214%
154	12.110	12.087	12.130	VV	3726	58321	1.08%	0.130%
155	12.144	12.130	12.161	VV	2354	33800	0.63%	0.075%
156	12.179	12.161	12.258	VV	2582	55893	1.04%	0.124%
157	12.289	12.258	12.317	VV	1150	16355	0.30%	0.036%
158	12.352	12.317	12.367	PV	223	4245	0.08%	0.009%
159	12.391	12.367	12.403	VV	943	13404	0.25%	0.030%
160	12.422	12.403	12.451	VV	1217	25165	0.47%	0.056%
161	12.481	12.451	12.531	VV	2013	56952	1.06%	0.127%
162	12.552	12.531	12.602	VV	13715	213281	3.96%	0.474%
163	12.616	12.602	12.633	VV	1620	24730	0.46%	0.055%
164	12.648	12.633	12.704	VV	1275	33144	0.62%	0.074%
165	12.749	12.704	12.772	VV	1272	30199	0.56%	0.067%
166	12.790	12.772	12.840	VV	997	23312	0.43%	0.052%
167	12.895	12.840	12.914	VV	3568	75676	1.40%	0.168%
168	12.932	12.914	12.980	VV	2887	70111	1.30%	0.156%
169	13.015	12.980	13.098	VV	31889	502408	9.32%	1.117%
170	13.118	13.098	13.144	VV	768	16725	0.31%	0.037%
171	13.168	13.144	13.192	VV	2032	37134	0.69%	0.083%
172	13.207	13.192	13.254	VV	1327	33199	0.62%	0.074%
173	13.315	13.254	13.349	VV	27824	429908	7.98%	0.955%
174	13.381	13.349	13.478	VV	291812	3552703	65.93%	7.896%
175	13.498	13.478	13.528	VV	1465	34611	0.64%	0.077%
176	13.546	13.528	13.572	VV	1443	27330	0.51%	0.061%
177	13.606	13.572	13.630	VV	1790	45760	0.85%	0.102%
178	13.646	13.630	13.688	VV	1607	36128	0.67%	0.080%
179	13.731	13.688	13.758	VV	1423	37434	0.69%	0.083%
180	13.783	13.758	13.849	VV	3313	79258	1.47%	0.176%
181	13.915	13.849	13.952	VV	5344	134925	2.50%	0.300%
182	13.969	13.952	13.988	VV	1389	23538	0.44%	0.052%
183	14.020	13.988	14.042	VV	3212	66516	1.23%	0.148%
184	14.062	14.042	14.076	VV	3594	53691	1.00%	0.119%
185	14.084	14.076	14.113	VV	2838	42477	0.79%	0.094%
186	14.162	14.113	14.170	VV	2391	58988	1.09%	0.131%
187	14.187	14.170	14.212	VV	3696	61109	1.13%	0.136%
188	14.232	14.212	14.274	VV	2536	51662	0.96%	0.115%
189	14.292	14.274	14.311	VV	640	11496	0.21%	0.026%
190	14.353	14.311	14.379	VV	962	25029	0.46%	0.056%
191	14.387	14.379	14.412	VV	722	10469	0.19%	0.023%
192	14.421	14.412	14.473	VV	455	8753	0.16%	0.019%
193	14.499	14.473	14.513	PV	683	8774	0.16%	0.020%
194	14.538	14.513	14.554	VV	830	14534	0.27%	0.032%

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195	14.574	14.554	14.591	VV	1016	15825	0.29%	0.035%
196	14.615	14.591	14.634	VV	1974	36340	0.67%	0.081%
197	14.646	14.634	14.667	VV	1460	21201	0.39%	0.047%
198	14.693	14.667	14.724	VV	2637	55867	1.04%	0.124%
199	14.757	14.724	14.772	VV	1872	43664	0.81%	0.097%
200	14.785	14.772	14.795	VV	1523	19110	0.35%	0.042%
201	14.800	14.795	14.817	VV	1420	15525	0.29%	0.035%
202	14.848	14.817	14.867	VV	2683	59048	1.10%	0.131%
203	14.893	14.867	14.935	VV	4964	112358	2.08%	0.250%
204	14.957	14.935	14.983	VV	2237	42817	0.79%	0.095%
205	15.005	14.983	15.061	VV	2260	63164	1.17%	0.140%
206	15.090	15.061	15.150	VV	1710	40721	0.76%	0.091%
207	15.208	15.150	15.227	PV	17511	270876	5.03%	0.602%
208	15.248	15.227	15.336	VV	19258	412395	7.65%	0.917%
209	15.367	15.336	15.391	VV	3117	61418	1.14%	0.137%
210	15.418	15.391	15.481	VV	2460	73384	1.36%	0.163%
211	15.511	15.481	15.533	VV	972	22922	0.43%	0.051%
212	15.563	15.533	15.589	VV	2470	54505	1.01%	0.121%
213	15.626	15.589	15.686	VV	15818	306311	5.68%	0.681%
214	15.703	15.686	15.744	VV	971	24682	0.46%	0.055%
215	15.782	15.744	15.809	VV	5312	87857	1.63%	0.195%
216	15.834	15.809	15.861	VV	4687	65836	1.22%	0.146%
217	15.886	15.861	15.909	VV	5426	81874	1.52%	0.182%
218	15.927	15.909	15.959	VV	2825	52293	0.97%	0.116%
219	15.986	15.959	16.004	VV	1288	26482	0.49%	0.059%
220	16.032	16.004	16.041	VV	2482	41010	0.76%	0.091%
221	16.052	16.041	16.096	VV	2505	55513	1.03%	0.123%
222	16.119	16.096	16.133	VV	964	16964	0.31%	0.038%
223	16.144	16.133	16.186	VV	1091	19895	0.37%	0.044%
224	16.223	16.186	16.245	PV	1145	24095	0.45%	0.054%
225	16.262	16.245	16.287	VV	1083	16011	0.30%	0.036%
226	16.328	16.287	16.369	VV	1086	28741	0.53%	0.064%
227	16.387	16.369	16.413	VV	599	7835	0.15%	0.017%
228	16.482	16.413	16.512	PV	893	24705	0.46%	0.055%
229	16.576	16.512	16.608	PV	1850	59707	1.11%	0.133%
230	16.643	16.608	16.677	VV	4428	94285	1.75%	0.210%
231	16.697	16.677	16.722	VV	1637	35865	0.67%	0.080%
232	16.776	16.722	16.799	VV	24538	419447	7.78%	0.932%
233	16.808	16.799	16.874	VV	10751	204801	3.80%	0.455%
234	16.911	16.874	17.001	VV	5521	138470	2.57%	0.308%
235	17.049	17.001	17.071	PV	1696	39443	0.73%	0.088%
236	17.100	17.071	17.136	VV	14894	234923	4.36%	0.522%
237	17.164	17.136	17.200	VV	17435	319557	5.93%	0.710%
238	17.211	17.200	17.238	VV	4339	70260	1.30%	0.156%
239	17.264	17.238	17.324	VV	10898	195149	3.62%	0.434%
240	17.338	17.324	17.353	VV	587	7301	0.14%	0.016%
241	17.406	17.353	17.447	VV	1667	56482	1.05%	0.126%
242	17.462	17.447	17.484	VV	783	11824	0.22%	0.026%
243	17.553	17.484	17.565	VV	2991	81494	1.51%	0.181%
244	17.587	17.565	17.630	VV	5175	110459	2.05%	0.245%
245	17.665	17.630	17.730	VV	8639	169905	3.15%	0.378%
246	17.760	17.730	17.802	VV	1591	44448	0.82%	0.099%

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247	17.828	17.802	17.861	VV	2266	48857	0.91%	0.109%
248	17.878	17.861	17.901	VV	1072	18167	0.34%	0.040%
249	17.957	17.901	17.982	PV	619	15145	0.28%	0.034%
250	18.063	17.982	18.078	PV	880	21079	0.39%	0.047%
251	18.114	18.078	18.150	VV	7824	148651	2.76%	0.330%
252	18.194	18.150	18.217	VV	2220	50033	0.93%	0.111%
253	18.252	18.217	18.294	VV	1413	38993	0.72%	0.087%
254	18.341	18.294	18.358	VV	1497	44500	0.83%	0.099%
255	18.375	18.358	18.398	VV	1206	20140	0.37%	0.045%
256	18.469	18.398	18.502	VV	14048	320200	5.94%	0.712%
257	18.528	18.502	18.578	VV	19724	469715	8.72%	1.044%
258	18.588	18.578	18.600	VV	5033	62676	1.16%	0.139%
259	18.618	18.600	18.666	VV	5517	125916	2.34%	0.280%
260	18.692	18.666	18.704	VV	2667	41555	0.77%	0.092%
261	18.720	18.704	18.754	VV	2806	65706	1.22%	0.146%
262	18.763	18.754	18.776	VV	1545	17959	0.33%	0.040%
263	18.807	18.776	18.868	VV	11228	225950	4.19%	0.502%
264	18.936	18.868	18.997	VV	10116	292712	5.43%	0.651%
265	19.045	18.997	19.058	VV	3228	68657	1.27%	0.153%
266	19.071	19.058	19.101	VV	2848	52657	0.98%	0.117%
267	19.141	19.101	19.162	VV	1859	52682	0.98%	0.117%
268	19.302	19.162	19.321	VV	16363	431403	8.01%	0.959%
269	19.337	19.321	19.391	VV	13106	303393	5.63%	0.674%
270	19.424	19.391	19.453	VV	5993	153675	2.85%	0.342%
271	19.478	19.453	19.532	VV	5117	180140	3.34%	0.400%
272	19.585	19.532	19.614	VV	7556	233878	4.34%	0.520%
273	19.639	19.614	19.669	VV	4958	137021	2.54%	0.305%
274	19.726	19.669	19.771	VV	8299	301515	5.60%	0.670%
275	19.826	19.771	19.876	VV	13948	564772	10.48%	1.255%
276	19.928	19.876	19.948	VV	7982	282529	5.24%	0.628%
277	19.994	19.948	20.033	VV	32451	783301	14.54%	1.741%
278	20.100	20.033	20.166	VV	16808	1063315	19.73%	2.363%
279	20.179	20.166	20.188	VV	12433	165871	3.08%	0.369%
280	20.205	20.188	20.220	VV	11938	225068	4.18%	0.500%
281	20.258	20.220	20.267	VV	13092	345514	6.41%	0.768%
282	20.288	20.267	20.296	VV	13515	228613	4.24%	0.508%
283	20.379	20.296	20.414	VV	18826	1128700	20.94%	2.509%
284	20.466	20.414	20.489	VV	21645	848196	15.74%	1.885%
285	20.658	20.489	20.669	VV	25483	2399699	44.53%	5.333%
286	20.686	20.669	20.738	VV	25447	1010836	18.76%	2.247%
287	20.829	20.738	20.899	VV	29508	2558934	47.48%	5.687%
288	20.926	20.899	20.968	VV	24242	964657	17.90%	2.144%
289	20.986	20.968	21.018	VV	23231	681225	12.64%	1.514%
290	21.027	21.018	21.061	VV	21949	564839	10.48%	1.255%
291	21.080	21.061	21.118	VV	20986	703176	13.05%	1.563%
292	21.129	21.118	21.145	VV	19924	325416	6.04%	0.723%
293	21.163	21.145	21.183	VV	19521	435324	8.08%	0.968%
294	21.212	21.183	21.298	VV	20637	1274615	23.65%	2.833%
295	21.447	21.298	21.522	VV	18132	2239575	41.56%	4.977%
296	21.530	21.522	21.600	VV	14308	615144	11.41%	1.367%
297	21.711	21.600	21.720	VV	12850	885207	16.43%	1.967%
298	21.740	21.720	21.835	VV	12620	769321	14.28%	1.710%
299	21.898	21.835	21.908	VV	9852	412250	7.65%	0.916%

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300	21.917	21.908	22.010	VV	9409	452000	8.39%	1.005%
301	22.022	22.010	22.038	VV	4966	80110	1.49%	0.178%
302	22.089	22.038	22.101	VV	4565	168564	3.13%	0.375%
303	22.140	22.101	22.219	VV	4730	235230	4.37%	0.523%
304	22.230	22.219	22.284	VV	1438	28577	0.53%	0.064%

Sum of corrected areas: 44994176

Aliphatic EPH 103025.M Fri Nov 28 20:56:56 2025

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-14B			SDG No.:	Q3719
Lab Sample ID:	Q3719-08			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	88.3
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	16.9		1	1.34	2.26	mg/kg	FE057068.D	11/27/25 4:13	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	4.74		1	1.03	4.52	mg/kg	FE057068.D	11/27/25 4:13	PB170736
Total AliphaticEPH	Total AliphaticEPH	21.6			2.37	6.78	mg/kg			
Total EPH	Total EPH	21.6			2.37	6.78	mg/kg			

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

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

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

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-14B			SDG No.:	Q3719
Lab Sample ID:	Q3719-08			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	88.3
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	4.74		1	1.03	4.52	mg/kg	11/27/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	16.9		1	1.34	2.26	mg/kg	11/27/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	23.3			40 - 140	47%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	27.4			40 - 140	55%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3719-08	Acq On:	27 Nov 2025 04:13
Client Sample ID:	SB-1125-14B	Operator:	YP\AJ
Data file:	FE057068.D	Misc:	
Instrument:	FID_E	ALS Vial:	35
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.202	6.826	532567	3.111	300	ug/ml
Aliphatic C12-C16	6.827	10.271	1299443	7.269	200	ug/ml
Aliphatic C16-C21	10.272	13.644	3561024	19.093	300	ug/ml
Aliphatic C21-C28	13.645	17.314	6433227	33.373	400	ug/ml
Aliphatic C28-C40	17.315	22.241	35662490	223.849	600	ug/ml
Aliphatic EPH	3.202	22.241	47488751	286.697		ug/ml
ortho-Terphenyl (SURR)	11.943	11.943	5724486	27.4		ug/ml
1-chlorooctadecane (SURR)	13.380	13.380	3753458	23.3		ug/ml
Aliphatic C9-C28	3.202	17.314	11826261	62.846	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057068.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 04:13
Operator : YP\AJ
Sample : Q3719-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-14B

Integration File: sample.E
Quant Time: Nov 28 19:48:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 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)	11.943	5724486	27.401 ug/ml
Spiked Amount 50.000		Recovery =	54.80%
12) S 1-chlorooctadecane (S...	13.380	3753458	23.296 ug/ml
Spiked Amount 50.000		Recovery =	46.59%
Target Compounds			

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

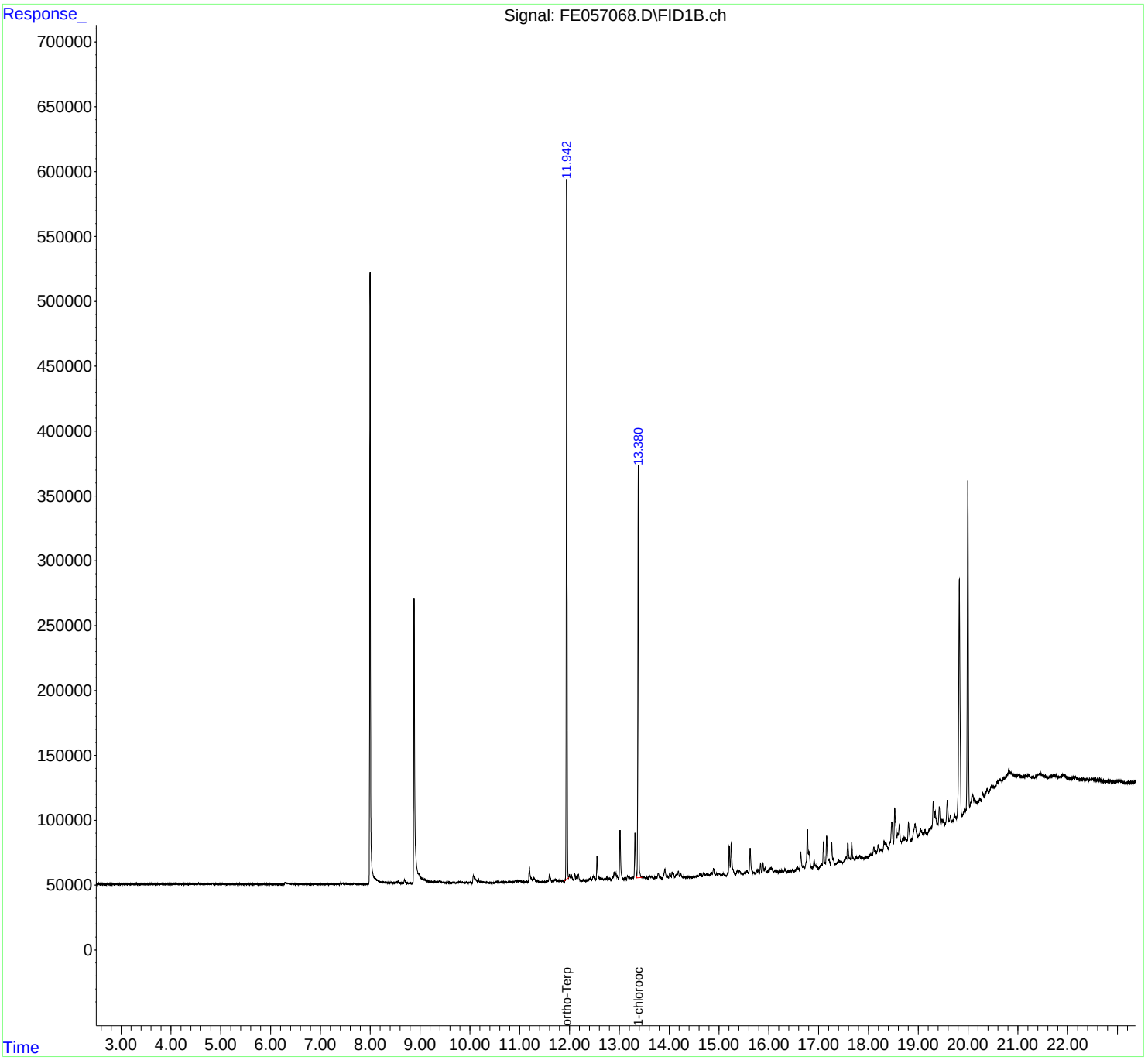
Quantitation Report (QT Reviewed)

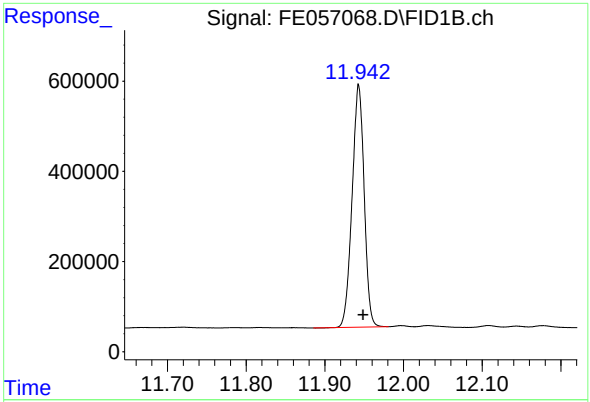
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057068.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 04:13
Operator : YP\AJ
Sample : Q3719-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-14B

Integration File: sample.E
Quant Time: Nov 28 19:48:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

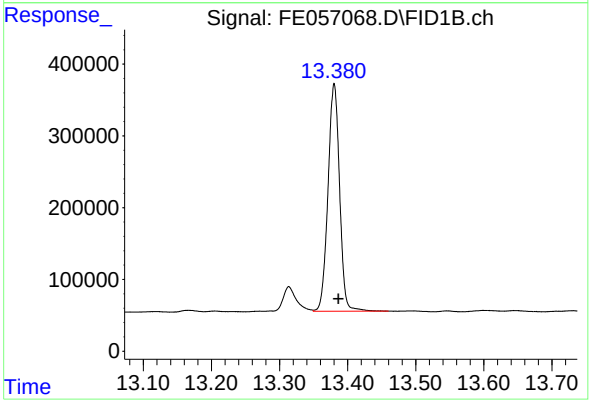




#9 ortho-Terphenyl (SURR)

R.T.: 11.943 min
Delta R.T.: -0.005 min
Response: 5724486
Conc: 27.40 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-14B



#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: -0.006 min
Response: 3753458
Conc: 23.30 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057068.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 04:13
Sample : Q3719-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	2.617	2.598	2.631	PV	195	2279	0.04%	0.004%
2	2.635	2.631	2.702	VV	162	2389	0.04%	0.004%
3	2.730	2.702	2.814	VV	226	7326	0.13%	0.013%
4	2.848	2.814	2.902	VV	194	4913	0.08%	0.009%
5	2.936	2.902	2.961	VV	144	3090	0.05%	0.005%
6	2.990	2.961	3.050	VV	195	6650	0.11%	0.012%
7	3.075	3.050	3.088	VV	165	3099	0.05%	0.005%
8	3.110	3.088	3.168	VV	144	4525	0.08%	0.008%
9	3.220	3.168	3.238	VV	179	3740	0.06%	0.007%
10	3.299	3.238	3.381	VV	427	15537	0.27%	0.027%
11	3.428	3.381	3.451	VV	213	6093	0.10%	0.011%
12	3.469	3.451	3.486	VV	220	3465	0.06%	0.006%
13	3.514	3.486	3.559	VV	260	8313	0.14%	0.015%
14	3.611	3.559	3.661	VV	422	13836	0.24%	0.024%
15	3.668	3.661	3.678	VV	222	1878	0.03%	0.003%
16	3.694	3.678	3.727	VV	264	6024	0.10%	0.011%
17	3.744	3.727	3.778	VV	386	8085	0.14%	0.014%
18	3.824	3.778	3.857	VV	373	13479	0.23%	0.024%
19	3.875	3.857	3.904	VV	322	7128	0.12%	0.012%
20	3.931	3.904	3.970	VV	451	10952	0.19%	0.019%
21	3.990	3.970	4.043	VV	366	11763	0.20%	0.021%
22	4.090	4.043	4.104	VV	474	11286	0.19%	0.020%
23	4.124	4.104	4.147	VV	445	8169	0.14%	0.014%
24	4.155	4.147	4.177	VV	275	4421	0.08%	0.008%
25	4.194	4.177	4.233	VV	303	8233	0.14%	0.014%
26	4.244	4.233	4.264	VV	309	4162	0.07%	0.007%
27	4.285	4.264	4.308	VV	411	8643	0.15%	0.015%
28	4.315	4.308	4.349	VV	331	7924	0.14%	0.014%
29	4.360	4.349	4.431	VV	346	13209	0.23%	0.023%
30	4.444	4.431	4.476	VV	350	6963	0.12%	0.012%
31	4.487	4.476	4.526	VV	336	7650	0.13%	0.013%
32	4.552	4.526	4.588	VV	868	17008	0.29%	0.030%
33	4.597	4.588	4.611	VV	375	3966	0.07%	0.007%
34	4.625	4.611	4.658	VV	364	7127	0.12%	0.012%
35	4.673	4.658	4.691	VV	229	4358	0.08%	0.008%
36	4.738	4.691	4.774	VV	422	14483	0.25%	0.025%

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37	4.800	4.774	4.821	VV	409	9706	0.17%	0.017%
38	4.835	4.821	4.875	VV	574	12977	0.22%	0.023%
39	4.884	4.875	4.891	VV	280	2515	0.04%	0.004%
40	4.898	4.891	4.934	VV	314	6354	0.11%	0.011%
41	4.962	4.934	4.981	VV	286	6844	0.12%	0.012%
42	5.011	4.981	5.044	VV	299	8448	0.15%	0.015%
43	5.064	5.044	5.124	VV	393	10588	0.18%	0.018%
44	5.146	5.124	5.176	VV	218	4984	0.09%	0.009%
45	5.225	5.176	5.250	VV	277	7537	0.13%	0.013%
46	5.262	5.250	5.293	VV	238	4089	0.07%	0.007%
47	5.310	5.293	5.344	VV	288	5202	0.09%	0.009%
48	5.371	5.344	5.414	VV	221	5382	0.09%	0.009%
49	5.445	5.414	5.454	VV	156	2535	0.04%	0.004%
50	5.462	5.454	5.491	VV	173	2607	0.04%	0.005%
51	5.541	5.491	5.638	VV	245	15038	0.26%	0.026%
52	5.695	5.638	5.759	VV	909	18049	0.31%	0.032%
53	5.774	5.759	5.799	VV	166	2839	0.05%	0.005%
54	5.810	5.799	5.838	VV	149	2540	0.04%	0.004%
55	5.880	5.838	5.941	VV	302	9515	0.16%	0.017%
56	5.949	5.941	5.970	VV	153	1914	0.03%	0.003%
57	5.992	5.970	6.041	VV	328	8392	0.14%	0.015%
58	6.050	6.041	6.081	VV	248	4433	0.08%	0.008%
59	6.105	6.081	6.149	VV	193	5339	0.09%	0.009%
60	6.173	6.149	6.201	PV	172	3533	0.06%	0.006%
61	6.220	6.201	6.251	VV	178	3830	0.07%	0.007%
62	6.292	6.251	6.406	VV	1558	67558	1.16%	0.118%
63	6.435	6.406	6.485	VV	710	18149	0.31%	0.032%
64	6.528	6.485	6.578	VV	376	14789	0.25%	0.026%
65	6.596	6.578	6.608	VV	251	3499	0.06%	0.006%
66	6.627	6.608	6.659	VV	349	7113	0.12%	0.012%
67	6.692	6.659	6.705	VV	290	5808	0.10%	0.010%
68	6.726	6.705	6.785	VV	665	12566	0.22%	0.022%
69	6.844	6.785	6.861	VV	180	5607	0.10%	0.010%
70	6.878	6.861	6.901	VV	568	6771	0.12%	0.012%
71	6.914	6.901	6.945	VV	220	3260	0.06%	0.006%
72	6.960	6.945	6.972	VV	69	802	0.01%	0.001%
73	6.988	6.972	6.997	PV	102	847	0.01%	0.001%
74	7.017	6.997	7.034	VV	146	1690	0.03%	0.003%
75	7.056	7.034	7.096	VV	214	4707	0.08%	0.008%
76	7.121	7.096	7.158	VV	192	4624	0.08%	0.008%
77	7.169	7.158	7.178	VV	141	1274	0.02%	0.002%
78	7.189	7.178	7.210	VV	182	2673	0.05%	0.005%
79	7.235	7.210	7.275	VV	252	6390	0.11%	0.011%
80	7.300	7.275	7.324	VV	271	4568	0.08%	0.008%
81	7.348	7.324	7.378	VV	253	5958	0.10%	0.010%
82	7.403	7.378	7.423	VV	521	10475	0.18%	0.018%
83	7.447	7.423	7.492	VV	1053	19112	0.33%	0.033%
84	7.521	7.492	7.568	VV	635	17239	0.30%	0.030%
85	7.581	7.568	7.604	VV	355	6077	0.10%	0.011%
86	7.621	7.604	7.654	VV	360	7837	0.13%	0.014%
87	7.676	7.654	7.699	VV	957	12974	0.22%	0.023%
88	7.721	7.699	7.754	VV	263	4679	0.08%	0.008%
89	7.763	7.754	7.777	VV	177	1465	0.03%	0.003%

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90	7.797	7.777	7.817	VV	109	1645	0.03%	0.003%
91	7.852	7.817	7.888	PV	208	3367	0.06%	0.006%
92	7.909	7.888	7.937	PV	102	1043	0.02%	0.002%
93	8.249	8.230	8.274	VV	1656	38242	0.66%	0.067%
94	8.289	8.274	8.338	VV	1373	46424	0.80%	0.081%
95	8.351	8.338	8.364	VV	1100	16243	0.28%	0.028%
96	8.377	8.364	8.404	VV	1409	27101	0.47%	0.047%
97	8.409	8.404	8.457	VV	1098	27742	0.48%	0.048%
98	8.500	8.457	8.521	VV	1391	37460	0.64%	0.065%
99	8.559	8.521	8.631	VV	2036	65843	1.13%	0.115%
100	8.688	8.631	8.754	VV	3131	86355	1.49%	0.151%
101	8.772	8.754	8.800	VV	544	11071	0.19%	0.019%
102	8.811	8.800	8.834	VV	468	6480	0.11%	0.011%
103	9.097	9.088	9.205	VV	3481	147688	2.54%	0.258%
104	9.222	9.205	9.271	VV	1601	54968	0.95%	0.096%
105	9.306	9.271	9.366	VV	1567	73586	1.27%	0.128%
106	9.390	9.366	9.418	VV	2521	47921	0.82%	0.084%
107	9.437	9.418	9.498	VV	1120	37671	0.65%	0.066%
108	9.503	9.498	9.531	VV	550	9905	0.17%	0.017%
109	9.550	9.531	9.576	VV	941	18154	0.31%	0.032%
110	9.590	9.576	9.618	VV	699	12485	0.21%	0.022%
111	9.686	9.618	9.724	VV	667	27664	0.48%	0.048%
112	9.794	9.724	9.828	VV	1136	39692	0.68%	0.069%
113	9.851	9.828	9.875	VV	926	20387	0.35%	0.036%
114	9.895	9.875	9.909	VV	559	10114	0.17%	0.018%
115	9.928	9.909	9.969	VV	726	18335	0.32%	0.032%
116	9.981	9.969	9.994	VV	406	5033	0.09%	0.009%
117	10.006	9.994	10.041	VV	434	7033	0.12%	0.012%
118	10.071	10.041	10.151	VV	5879	192630	3.32%	0.336%
119	10.171	10.151	10.261	VV	2539	78132	1.34%	0.136%
120	10.278	10.261	10.323	VV	754	20360	0.35%	0.036%
121	10.347	10.323	10.427	VV	506	18570	0.32%	0.032%
122	10.450	10.427	10.473	VV	234	3136	0.05%	0.005%
123	10.533	10.473	10.547	PV	1060	19635	0.34%	0.034%
124	10.558	10.547	10.588	VV	902	13413	0.23%	0.023%
125	10.626	10.588	10.641	VV	552	11517	0.20%	0.020%
126	10.651	10.641	10.687	VV	644	13911	0.24%	0.024%
127	10.711	10.687	10.751	VV	715	15545	0.27%	0.027%
128	10.779	10.751	10.821	VV	795	18991	0.33%	0.033%
129	10.840	10.821	10.860	VV	817	13644	0.23%	0.024%
130	10.912	10.860	10.933	VV	2104	41076	0.71%	0.072%
131	10.950	10.933	10.965	VV	1257	18940	0.33%	0.033%
132	10.985	10.965	11.078	VV	2148	64587	1.11%	0.113%
133	11.095	11.078	11.118	VV	520	11157	0.19%	0.019%
134	11.135	11.118	11.166	VV	1194	19221	0.33%	0.034%
135	11.194	11.166	11.257	VV	11223	236916	4.08%	0.414%
136	11.282	11.257	11.409	VV	3397	131890	2.27%	0.230%
137	11.422	11.409	11.468	VV	382	8923	0.15%	0.016%
138	11.501	11.468	11.521	PV	465	8974	0.15%	0.016%
139	11.551	11.521	11.571	VV	1012	19210	0.33%	0.034%
140	11.596	11.571	11.644	VV	5403	105400	1.81%	0.184%
141	11.669	11.644	11.688	VV	1367	26258	0.45%	0.046%

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142	11.719	11.688	11.768	VV	1947	50767	0.87%	0.089%
143	11.786	11.768	11.800	VV	1069	14610	0.25%	0.026%
144	11.817	11.800	11.845	VV	1197	21521	0.37%	0.038%
145	11.861	11.845	11.891	VV	740	12048	0.21%	0.021%
146	11.943	11.891	11.981	VV	534717	5810090	100.00%	10.144%
147	11.997	11.981	12.014	VV	5193	77016	1.33%	0.134%
148	12.031	12.014	12.082	VV	5291	121190	2.09%	0.212%
149	12.108	12.082	12.127	VV	5244	82644	1.42%	0.144%
150	12.144	12.127	12.159	VV	3997	55851	0.96%	0.098%
151	12.177	12.159	12.256	VV	4970	94439	1.63%	0.165%
152	12.289	12.256	12.318	PV	1683	22706	0.39%	0.040%
153	12.349	12.318	12.367	VV	706	10996	0.19%	0.019%
154	12.419	12.367	12.451	VV	2018	53927	0.93%	0.094%
155	12.476	12.451	12.523	VV	3450	87721	1.51%	0.153%
156	12.552	12.523	12.600	VV	18636	279231	4.81%	0.488%
157	12.613	12.600	12.634	VV	1889	31312	0.54%	0.055%
158	12.648	12.634	12.702	VV	1396	36838	0.63%	0.064%
159	12.750	12.702	12.771	VV	2031	47290	0.81%	0.083%
160	12.789	12.771	12.802	VV	1763	21989	0.38%	0.038%
161	12.807	12.802	12.837	VV	1221	15212	0.26%	0.027%
162	12.894	12.837	12.913	VV	6173	122624	2.11%	0.214%
163	12.933	12.913	12.984	VV	5569	127193	2.19%	0.222%
164	13.014	12.984	13.091	VV	38064	567925	9.77%	0.992%
165	13.118	13.091	13.141	VV	1233	24613	0.42%	0.043%
166	13.166	13.141	13.190	VV	2834	49306	0.85%	0.086%
167	13.205	13.190	13.249	VV	1817	41413	0.71%	0.072%
168	13.314	13.249	13.349	VV	35603	533655	9.18%	0.932%
169	13.380	13.349	13.474	VV	318708	3853701	66.33%	6.729%
170	13.495	13.474	13.528	VV	1636	38196	0.66%	0.067%
171	13.546	13.528	13.571	VV	1625	24394	0.42%	0.043%
172	13.601	13.571	13.628	VV	2171	53123	0.91%	0.093%
173	13.645	13.628	13.691	VV	1940	40800	0.70%	0.071%
174	13.730	13.691	13.755	VV	1662	39475	0.68%	0.069%
175	13.781	13.755	13.851	VV	4327	99844	1.72%	0.174%
176	13.914	13.851	13.953	PV	7429	175671	3.02%	0.307%
177	13.967	13.953	13.986	VV	1462	21825	0.38%	0.038%
178	14.016	13.986	14.041	VV	4455	87766	1.51%	0.153%
179	14.059	14.041	14.111	VV	4775	116865	2.01%	0.204%
180	14.162	14.111	14.170	VV	3381	81595	1.40%	0.142%
181	14.185	14.170	14.210	VV	5332	80005	1.38%	0.140%
182	14.230	14.210	14.273	VV	3650	69731	1.20%	0.122%
183	14.290	14.273	14.331	VV	859	17582	0.30%	0.031%
184	14.351	14.331	14.376	VV	1266	20780	0.36%	0.036%
185	14.389	14.376	14.410	VV	765	12364	0.21%	0.022%
186	14.424	14.410	14.466	VV	502	9175	0.16%	0.016%
187	14.497	14.466	14.514	PV	845	13482	0.23%	0.024%
188	14.534	14.514	14.557	VV	904	18241	0.31%	0.032%
189	14.574	14.557	14.587	VV	1159	15575	0.27%	0.027%
190	14.614	14.587	14.633	VV	2355	48502	0.83%	0.085%
191	14.644	14.633	14.665	VV	2206	30723	0.53%	0.054%
192	14.694	14.665	14.725	VV	3631	80995	1.39%	0.141%
193	14.756	14.725	14.773	VV	2594	58370	1.00%	0.102%
194	14.779	14.773	14.818	VV	1836	38202	0.66%	0.067%

195	14.846	14.818	14.866	VV	3347	75066	1.29%	0.131%
196	14.891	14.866	14.934	VV	6170	139636	2.40%	0.244%
197	14.956	14.934	14.978	VV	2583	45109	0.78%	0.079%
198	15.001	14.978	15.034	VV	2583	60589	1.04%	0.106%
199	15.049	15.034	15.068	VV	1309	23301	0.40%	0.041%
200	15.088	15.068	15.144	VV	2314	42528	0.73%	0.074%
201	15.172	15.144	15.180	PV	2062	24058	0.41%	0.042%
202	15.206	15.180	15.226	VV	22801	314560	5.41%	0.549%
203	15.246	15.226	15.333	VV	25269	515640	8.87%	0.900%
204	15.367	15.333	15.389	VV	3886	76420	1.32%	0.133%
205	15.411	15.389	15.488	VV	3536	105826	1.82%	0.185%
206	15.509	15.488	15.521	VV	1459	22521	0.39%	0.039%
207	15.560	15.521	15.587	VV	3230	78234	1.35%	0.137%
208	15.626	15.587	15.686	VV	20273	377722	6.50%	0.659%
209	15.710	15.686	15.738	VV	1268	31830	0.55%	0.056%
210	15.761	15.738	15.771	VV	2811	37175	0.64%	0.065%
211	15.781	15.771	15.806	VV	2641	38889	0.67%	0.068%
212	15.834	15.806	15.860	VV	7789	115632	1.99%	0.202%
213	15.884	15.860	15.907	VV	8291	118542	2.04%	0.207%
214	15.924	15.907	15.957	VV	4054	75464	1.30%	0.132%
215	15.986	15.957	16.004	VV	1836	40623	0.70%	0.071%
216	16.047	16.004	16.094	VV	3890	142651	2.46%	0.249%
217	16.117	16.094	16.130	VV	1467	25741	0.44%	0.045%
218	16.147	16.130	16.187	VV	1698	36033	0.62%	0.063%
219	16.222	16.187	16.245	VV	1470	35495	0.61%	0.062%
220	16.263	16.245	16.288	VV	1740	22432	0.39%	0.039%
221	16.326	16.288	16.362	VV	2147	43917	0.76%	0.077%
222	16.384	16.362	16.403	VV	519	7638	0.13%	0.013%
223	16.479	16.403	16.510	PV	1245	28218	0.49%	0.049%
224	16.577	16.510	16.611	PV	2564	78687	1.35%	0.137%
225	16.642	16.611	16.681	VV	13301	249265	4.29%	0.435%
226	16.695	16.681	16.721	VV	2641	52750	0.91%	0.092%
227	16.775	16.721	16.796	VV	30878	538004	9.26%	0.939%
228	16.806	16.796	16.870	VV	13801	275530	4.74%	0.481%
229	16.911	16.870	17.000	VV	7054	174449	3.00%	0.305%
230	17.052	17.000	17.074	PV	2646	64359	1.11%	0.112%
231	17.099	17.074	17.133	VV	19171	294489	5.07%	0.514%
232	17.162	17.133	17.200	VV	23679	420212	7.23%	0.734%
233	17.211	17.200	17.237	VV	5226	83068	1.43%	0.145%
234	17.264	17.237	17.285	VV	17756	251823	4.33%	0.440%
235	17.293	17.285	17.324	VV	5079	71533	1.23%	0.125%
236	17.338	17.324	17.348	VV	948	11899	0.20%	0.021%
237	17.407	17.348	17.447	VV	2437	88048	1.52%	0.154%
238	17.463	17.447	17.484	VV	1523	21388	0.37%	0.037%
239	17.551	17.484	17.561	VV	3955	106160	1.83%	0.185%
240	17.587	17.561	17.636	VV	14604	303576	5.22%	0.530%
241	17.666	17.636	17.728	VV	14769	265313	4.57%	0.463%
242	17.755	17.728	17.801	VV	2787	72568	1.25%	0.127%
243	17.827	17.801	17.858	VV	3145	64735	1.11%	0.113%
244	17.877	17.858	17.911	VV	1436	24199	0.42%	0.042%
245	17.955	17.911	17.984	PV	909	22831	0.39%	0.040%
246	18.038	17.984	18.050	PV	1500	30126	0.52%	0.053%

247	18.062	18.050	18.077	VV	1209	16291	0.28%	0.028%
248	18.107	18.077	18.158	VV	6276	142408	2.45%	0.249%
249	18.196	18.158	18.218	VV	7133	126495	2.18%	0.221%
250	18.236	18.218	18.279	VV	2861	78403	1.35%	0.137%
251	18.315	18.279	18.331	VV	7993	139341	2.40%	0.243%
252	18.347	18.331	18.394	VV	6240	165178	2.84%	0.288%
253	18.469	18.394	18.501	VV	20697	532806	9.17%	0.930%
254	18.528	18.501	18.571	VV	30415	677025	11.65%	1.182%
255	18.588	18.571	18.598	VV	10101	144337	2.48%	0.252%
256	18.619	18.598	18.665	VV	16465	346925	5.97%	0.606%
257	18.686	18.665	18.700	VV	4904	79704	1.37%	0.139%
258	18.716	18.700	18.735	VV	4946	88790	1.53%	0.155%
259	18.746	18.735	18.778	VV	3771	82522	1.42%	0.144%
260	18.804	18.778	18.855	VV	15126	310696	5.35%	0.542%
261	18.936	18.855	18.992	VV	12854	485227	8.35%	0.847%
262	19.043	18.992	19.103	VV	7875	279933	4.82%	0.489%
263	19.137	19.103	19.178	VV	5623	137808	2.37%	0.241%
264	19.221	19.178	19.231	VV	4391	90071	1.55%	0.157%
265	19.302	19.231	19.323	VV	25252	579656	9.98%	1.012%
266	19.339	19.323	19.380	VV	16805	399014	6.87%	0.697%
267	19.423	19.380	19.455	VV	18476	450690	7.76%	0.787%
268	19.474	19.455	19.529	VV	8421	291686	5.02%	0.509%
269	19.583	19.529	19.623	VV	21815	557884	9.60%	0.974%
270	19.645	19.623	19.673	VV	9177	192122	3.31%	0.335%
271	19.728	19.673	19.769	VV	9073	338567	5.83%	0.591%
272	19.824	19.769	19.873	VV	189104	3683184	63.39%	6.431%
273	19.930	19.873	19.944	VV	9547	325521	5.60%	0.568%
274	19.996	19.944	20.032	VV	260903	4166590	71.71%	7.275%
275	20.082	20.032	20.118	VV	19124	803836	13.84%	1.403%
276	20.131	20.118	20.181	VV	15124	506053	8.71%	0.884%
277	20.193	20.181	20.200	VV	11862	131479	2.26%	0.230%
278	20.235	20.200	20.254	VV	13970	416219	7.16%	0.727%
279	20.292	20.254	20.333	VV	17418	690710	11.89%	1.206%
280	20.379	20.333	20.404	VV	18812	715861	12.32%	1.250%
281	20.470	20.404	20.494	VV	20759	998792	17.19%	1.744%
282	20.600	20.494	20.609	VV	21913	1388180	23.89%	2.424%
283	20.633	20.609	20.645	VV	23374	484979	8.35%	0.847%
284	20.653	20.645	20.666	VV	22244	279046	4.80%	0.487%
285	20.820	20.666	20.851	VV	27225	2656793	45.73%	4.639%
286	20.861	20.851	20.986	VV	25077	1845004	31.76%	3.221%
287	21.008	20.986	21.069	VV	21480	1016884	17.50%	1.775%
288	21.097	21.069	21.109	VV	19185	459932	7.92%	0.803%
289	21.124	21.109	21.134	VV	18698	273156	4.70%	0.477%
290	21.162	21.134	21.177	VV	18427	473349	8.15%	0.826%
291	21.211	21.177	21.257	VV	18851	855740	14.73%	1.494%
292	21.267	21.257	21.279	VV	16096	208643	3.59%	0.364%
293	21.288	21.279	21.302	VV	15607	209686	3.61%	0.366%
294	21.320	21.302	21.334	VV	15510	298964	5.15%	0.522%
295	21.435	21.334	21.524	VV	16733	1749508	30.11%	3.055%
296	21.544	21.524	21.601	VV	13106	560504	9.65%	0.979%
297	21.660	21.601	21.688	VV	11567	581252	10.00%	1.015%
298	21.698	21.688	21.706	VV	11127	120934	2.08%	0.211%
299	21.712	21.706	21.716	VV	10910	67344	1.16%	0.118%

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300	21.728	21.716	21.817	VV	10994	591167	10.17%	1.032%
301	21.920	21.817	22.048	VV	8937	1002522	17.25%	1.750%
302	22.128	22.048	22.144	VV	4027	228393	3.93%	0.399%
303	22.151	22.144	22.256	VV	3698	127843	2.20%	0.223%
304	22.271	22.256	22.280	VV	385	5037	0.09%	0.009%
305	22.291	22.280	22.301	VBA	197	82421	1.42%	0.144%

Sum of corrected areas: 57274265

Aliphatic EPH 103025.M Fri Nov 28 20:57:24 2025

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-15A			SDG No.:	Q3719
Lab Sample ID:	Q3719-09			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	87.3
Sample Wt/Vol:	30.08 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	14.1		1	1.35	2.28	mg/kg	FE057069.D	11/27/25 4:43	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	4.67		1	1.04	4.56	mg/kg	FE057069.D	11/27/25 4:43	PB170736
Total AliphaticEPH	Total AliphaticEPH	18.8			2.39	6.84	mg/kg			
Total EPH	Total EPH	18.8			2.39	6.84	mg/kg			

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

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

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

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-15A			SDG No.:	Q3719
Lab Sample ID:	Q3719-09			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	87.3
Sample Wt/Vol:	30.08 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	4.67		1	1.04	4.56	mg/kg	11/27/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	14.1		1	1.35	2.28	mg/kg	11/27/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	20.3			40 - 140	41%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	24.1			40 - 140	48%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3719-09	Acq On:	27 Nov 2025 04:43
Client Sample ID:	SB-1125-15A	Operator:	YP\AJ
Data file:	FE057069.D	Misc:	
Instrument:	FID_E	ALS Vial:	36
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.202	6.826	265659	1.552	300	ug/ml
Aliphatic C12-C16	6.827	10.271	927697	5.19	200	ug/ml
Aliphatic C16-C21	10.272	13.644	6260866	33.569	300	ug/ml
Aliphatic C21-C28	13.645	17.314	4340900	22.519	400	ug/ml
Aliphatic C28-C40	17.315	22.241	29534833	185.387	600	ug/ml
Aliphatic EPH	3.202	22.241	41329955	248.217		ug/ml
ortho-Terphenyl (SURR)	11.942	11.942	5024465	24.05		ug/ml
1-chlorooctadecane (SURR)	13.380	13.380	3270747	20.3		ug/ml
Aliphatic C9-C28	3.202	17.314	11795122	62.83	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057069.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 04:43
Operator : YP\AJ
Sample : Q3719-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-15A

Integration File: sample.E
Quant Time: Nov 28 19:48:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.942	5024465	24.051 ug/ml
Spiked Amount 50.000		Recovery =	48.10%
12) S 1-chlorooctadecane (S...	13.380	3270747	20.300 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
Target Compounds			

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

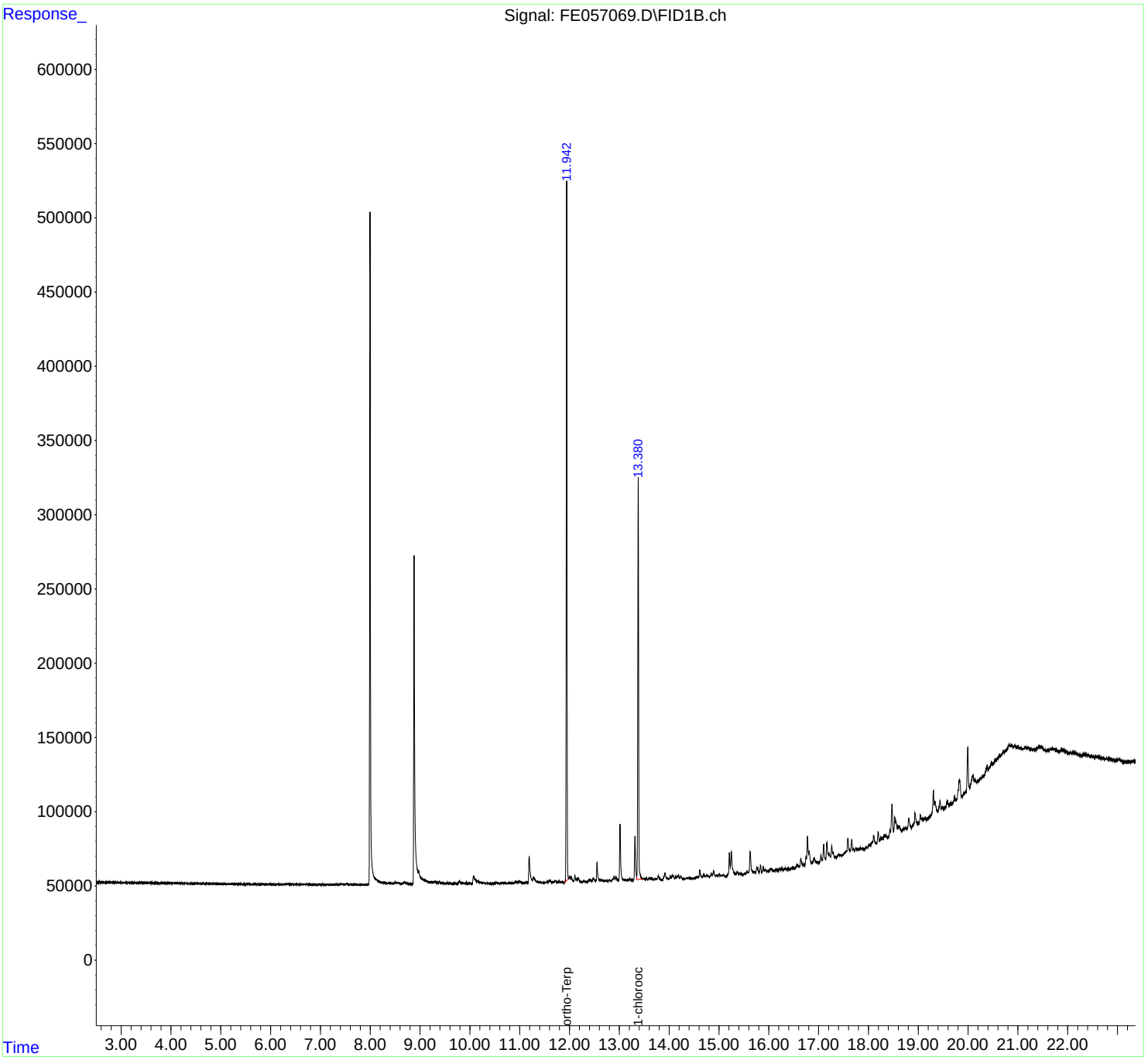
Quantitation Report (QT Reviewed)

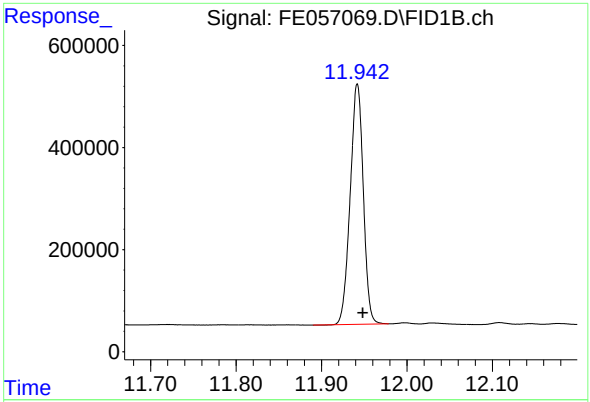
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057069.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 04:43
Operator : YP\AJ
Sample : Q3719-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-15A

Integration File: sample.E
Quant Time: Nov 28 19:48:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

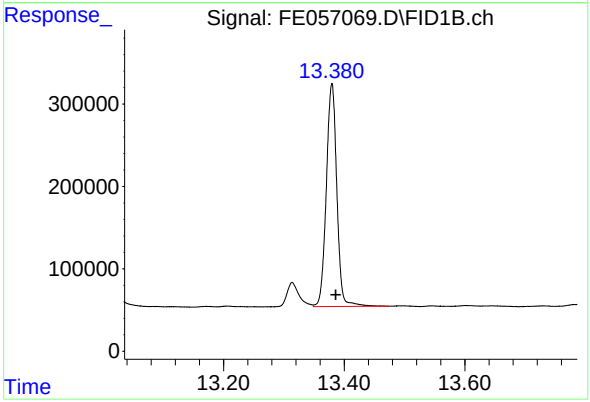




#9 ortho-Terphenyl (SURR)

R.T.: 11.942 min
Delta R.T.: -0.007 min
Response: 5024465
Conc: 24.05 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-15A



#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: -0.007 min
Response: 3270747
Conc: 20.30 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057069.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 04:43
Sample : Q3719-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	2.621	2.601	2.634	PV	148	1131	0.02%	0.002%
2	2.641	2.634	2.664	VV	53	700	0.01%	0.002%
3	2.676	2.664	2.694	PV	50	361	0.01%	0.001%
4	2.732	2.694	2.768	VV	218	4651	0.09%	0.010%
5	2.772	2.768	2.820	VV	205	4185	0.08%	0.009%
6	2.830	2.820	2.891	VV	168	4496	0.08%	0.010%
7	2.907	2.891	2.970	VV	147	4401	0.08%	0.009%
8	3.000	2.970	3.041	PV	182	3467	0.06%	0.007%
9	3.048	3.041	3.068	VV	41	837	0.02%	0.002%
10	3.077	3.068	3.094	VV	100	1056	0.02%	0.002%
11	3.104	3.094	3.130	VV	89	1195	0.02%	0.003%
12	3.177	3.130	3.200	VV	94	1740	0.03%	0.004%
13	3.216	3.200	3.274	VV	102	1943	0.04%	0.004%
14	3.297	3.274	3.372	VV	197	5217	0.10%	0.011%
15	3.387	3.372	3.400	VV	86	1187	0.02%	0.003%
16	3.414	3.400	3.425	VV	148	1441	0.03%	0.003%
17	3.439	3.425	3.459	VV	212	2540	0.05%	0.005%
18	3.468	3.459	3.531	VV	180	5458	0.10%	0.012%
19	3.541	3.531	3.600	VV	168	4846	0.09%	0.010%
20	3.611	3.600	3.636	VV	176	2581	0.05%	0.006%
21	3.647	3.636	3.661	VV	104	1349	0.03%	0.003%
22	3.683	3.661	3.702	VV	186	2593	0.05%	0.006%
23	3.711	3.702	3.734	VV	71	1158	0.02%	0.002%
24	3.750	3.734	3.774	VV	174	2778	0.05%	0.006%
25	3.798	3.774	3.814	VV	163	3095	0.06%	0.007%
26	3.830	3.814	3.865	VV	257	4675	0.09%	0.010%
27	3.871	3.865	3.925	VV	140	4098	0.08%	0.009%
28	3.933	3.925	3.952	VV	176	1977	0.04%	0.004%
29	3.992	3.952	4.049	VV	299	9117	0.17%	0.020%
30	4.062	4.049	4.075	VV	143	1976	0.04%	0.004%
31	4.092	4.075	4.104	VV	229	2929	0.05%	0.006%
32	4.117	4.104	4.142	VV	159	2691	0.05%	0.006%
33	4.200	4.142	4.237	VV	155	4551	0.08%	0.010%
34	4.288	4.237	4.339	VV	209	7147	0.13%	0.015%
35	4.348	4.339	4.359	VV	165	1602	0.03%	0.003%
36	4.370	4.359	4.404	VV	132	3250	0.06%	0.007%

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37	4.418	4.404	4.455	VV	197	4195	0.08%	0.009%
38	4.498	4.455	4.521	VV	212	5221	0.10%	0.011%
39	4.553	4.521	4.583	VV	339	6698	0.13%	0.014%
40	4.600	4.583	4.614	VV	220	2992	0.06%	0.006%
41	4.619	4.614	4.691	VV	210	5321	0.10%	0.011%
42	4.736	4.691	4.769	VV	259	6639	0.12%	0.014%
43	4.779	4.769	4.795	VV	147	1985	0.04%	0.004%
44	4.838	4.795	4.944	VV	253	11974	0.22%	0.026%
45	4.950	4.944	5.005	VV	164	4113	0.08%	0.009%
46	5.014	5.005	5.026	VV	166	1264	0.02%	0.003%
47	5.063	5.026	5.124	VV	225	6435	0.12%	0.014%
48	5.168	5.124	5.190	VV	117	2528	0.05%	0.005%
49	5.219	5.190	5.294	VV	133	6376	0.12%	0.014%
50	5.317	5.294	5.342	VV	178	2636	0.05%	0.006%
51	5.353	5.342	5.398	VV	99	2336	0.04%	0.005%
52	5.407	5.398	5.444	VV	68	995	0.02%	0.002%
53	5.455	5.444	5.461	PV	67	449	0.01%	0.001%
54	5.469	5.461	5.508	VV	113	1433	0.03%	0.003%
55	5.518	5.508	5.607	VV	153	6079	0.11%	0.013%
56	5.623	5.607	5.678	VV	127	2528	0.05%	0.005%
57	5.695	5.678	5.722	VV	337	4957	0.09%	0.011%
58	5.730	5.722	5.748	VV	190	1878	0.04%	0.004%
59	5.763	5.748	5.808	PV	188	3496	0.07%	0.008%
60	5.814	5.808	5.830	VV	165	1653	0.03%	0.004%
61	5.860	5.830	5.881	VV	268	4647	0.09%	0.010%
62	5.887	5.881	5.926	VV	188	2616	0.05%	0.006%
63	5.955	5.926	5.976	VV	99	1954	0.04%	0.004%
64	5.993	5.976	6.012	VV	169	2543	0.05%	0.005%
65	6.020	6.012	6.101	VV	154	4742	0.09%	0.010%
66	6.113	6.101	6.148	VV	113	1392	0.03%	0.003%
67	6.170	6.148	6.205	VV	184	3125	0.06%	0.007%
68	6.228	6.205	6.254	PV	182	2031	0.04%	0.004%
69	6.304	6.254	6.338	VV	510	15677	0.29%	0.034%
70	6.344	6.338	6.397	VV	384	10073	0.19%	0.022%
71	6.409	6.397	6.415	VV	232	2332	0.04%	0.005%
72	6.436	6.415	6.491	VV	531	10291	0.19%	0.022%
73	6.529	6.491	6.549	VV	307	7152	0.13%	0.015%
74	6.558	6.549	6.578	VV	197	2467	0.05%	0.005%
75	6.620	6.578	6.632	VV	222	4356	0.08%	0.009%
76	6.639	6.632	6.654	VV	161	1842	0.03%	0.004%
77	6.686	6.654	6.708	VV	275	4884	0.09%	0.011%
78	6.727	6.708	6.794	VV	286	6846	0.13%	0.015%
79	6.805	6.794	6.834	VV	124	2309	0.04%	0.005%
80	6.842	6.834	6.862	VV	123	1739	0.03%	0.004%
81	6.878	6.862	6.895	VV	181	2743	0.05%	0.006%
82	6.915	6.895	6.994	VV	152	4373	0.08%	0.009%
83	7.006	6.994	7.014	PV	131	788	0.01%	0.002%
84	7.058	7.014	7.072	VV	156	3448	0.06%	0.007%
85	7.084	7.072	7.108	VV	70	1678	0.03%	0.004%
86	7.129	7.108	7.139	VV	153	1637	0.03%	0.004%
87	7.146	7.139	7.153	VV	98	619	0.01%	0.001%
88	7.157	7.153	7.171	VV	71	585	0.01%	0.001%
89	7.201	7.171	7.215	VV	129	1535	0.03%	0.003%

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90	7.231	7.215	7.242	VV	141	1177	0.02%	0.003%
91	7.301	7.242	7.329	VV	188	6074	0.11%	0.013%
92	7.347	7.329	7.378	VV	193	4091	0.08%	0.009%
93	7.407	7.378	7.430	VV	459	10546	0.20%	0.023%
94	7.446	7.430	7.485	VV	559	11307	0.21%	0.024%
95	7.521	7.485	7.579	VV	858	23711	0.44%	0.051%
96	7.587	7.579	7.599	VV	309	3073	0.06%	0.007%
97	7.615	7.599	7.651	VV	359	7641	0.14%	0.016%
98	7.675	7.651	7.698	VV	501	8360	0.16%	0.018%
99	7.704	7.698	7.742	VV	232	3850	0.07%	0.008%
100	7.758	7.742	7.788	PV	133	2143	0.04%	0.005%
101	7.798	7.788	7.808	VV	55	597	0.01%	0.001%
102	7.818	7.808	7.828	VV	96	650	0.01%	0.001%
103	7.844	7.828	7.924	VV	98	2870	0.05%	0.006%
104	8.381	8.364	8.445	VV	1032	43507	0.81%	0.094%
105	8.499	8.445	8.541	VV	1554	57166	1.07%	0.123%
106	8.557	8.541	8.634	VV	1431	41807	0.78%	0.090%
107	8.689	8.634	8.754	VV	1649	57277	1.07%	0.123%
108	8.775	8.754	8.844	VV	498	16132	0.30%	0.035%
109	9.221	9.201	9.253	VV	1604	42908	0.80%	0.092%
110	9.297	9.253	9.371	VV	1573	89792	1.68%	0.193%
111	9.390	9.371	9.421	VV	1739	36557	0.68%	0.079%
112	9.437	9.421	9.531	VV	1017	40229	0.75%	0.087%
113	9.551	9.531	9.658	VV	814	33157	0.62%	0.071%
114	9.689	9.658	9.751	VV	542	18643	0.35%	0.040%
115	9.790	9.751	9.833	VV	1717	46038	0.86%	0.099%
116	9.851	9.833	9.878	VV	904	17506	0.33%	0.038%
117	9.896	9.878	9.911	VV	507	9350	0.17%	0.020%
118	9.929	9.911	9.971	VV	776	18413	0.34%	0.040%
119	10.003	9.971	10.032	VV	477	11625	0.22%	0.025%
120	10.074	10.032	10.154	VV	4938	176699	3.30%	0.380%
121	10.170	10.154	10.198	VV	1937	35356	0.66%	0.076%
122	10.217	10.198	10.259	VV	989	30300	0.57%	0.065%
123	10.273	10.259	10.331	VV	646	22388	0.42%	0.048%
124	10.344	10.331	10.441	VV	402	13785	0.26%	0.030%
125	10.530	10.441	10.590	PV	619	21178	0.40%	0.046%
126	10.673	10.590	10.686	VV	422	16763	0.31%	0.036%
127	10.708	10.686	10.754	VV	501	11776	0.22%	0.025%
128	10.779	10.754	10.824	VV	529	12504	0.23%	0.027%
129	10.839	10.824	10.864	VV	424	6725	0.13%	0.014%
130	10.912	10.864	10.932	VV	1395	25812	0.48%	0.056%
131	10.948	10.932	10.963	VV	839	12735	0.24%	0.027%
132	10.987	10.963	11.074	VV	1349	48197	0.90%	0.104%
133	11.134	11.074	11.164	VV	641	18428	0.34%	0.040%
134	11.192	11.164	11.254	VV	17880	351017	6.55%	0.756%
135	11.280	11.254	11.468	VV	3992	161751	3.02%	0.348%
136	11.504	11.468	11.524	VV	271	5854	0.11%	0.013%
137	11.553	11.524	11.574	VV	928	18332	0.34%	0.039%
138	11.614	11.574	11.647	VV	1583	44509	0.83%	0.096%
139	11.719	11.647	11.764	VV	1252	42605	0.80%	0.092%
140	11.785	11.764	11.800	VV	703	10515	0.20%	0.023%
141	11.816	11.800	11.840	VV	635	10538	0.20%	0.023%

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142	11.860	11.840	11.891	VV	530	8617	0.16%	0.019%
143	11.942	11.891	11.981	PV	474980	5090825	95.04%	10.960%
144	11.997	11.981	12.014	VV	4386	66639	1.24%	0.143%
145	12.031	12.014	12.081	VV	4028	93050	1.74%	0.200%
146	12.109	12.081	12.160	VV	4727	110112	2.06%	0.237%
147	12.178	12.160	12.251	VV	2885	61163	1.14%	0.132%
148	12.287	12.251	12.321	VV	1075	15410	0.29%	0.033%
149	12.419	12.321	12.458	VV	1382	56476	1.05%	0.122%
150	12.479	12.458	12.531	VV	2322	59979	1.12%	0.129%
151	12.553	12.531	12.704	VV	12861	244595	4.57%	0.527%
152	12.743	12.704	12.768	VV	764	18612	0.35%	0.040%
153	12.791	12.768	12.834	VV	896	21209	0.40%	0.046%
154	12.893	12.834	12.914	VV	3496	77216	1.44%	0.166%
155	12.931	12.914	12.981	VV	2841	59026	1.10%	0.127%
156	13.015	12.981	13.151	VV	37740	578875	10.81%	1.246%
157	13.173	13.151	13.191	VV	976	15062	0.28%	0.032%
158	13.207	13.191	13.264	VV	1250	31078	0.58%	0.067%
159	13.315	13.264	13.346	VV	29512	426100	7.95%	0.917%
160	13.379	13.346	13.474	VV	269169	3334936	62.26%	7.180%
161	13.496	13.474	13.525	VV	1416	32914	0.61%	0.071%
162	13.546	13.525	13.573	VV	1282	25707	0.48%	0.055%
163	13.603	13.573	13.628	VV	1577	38384	0.72%	0.083%
164	13.644	13.628	13.690	VV	1247	30294	0.57%	0.065%
165	13.730	13.690	13.754	VV	1209	27000	0.50%	0.058%
166	13.783	13.754	13.851	VV	2619	64020	1.20%	0.138%
167	13.916	13.851	13.958	PV	4625	111283	2.08%	0.240%
168	13.971	13.958	13.994	VV	1024	16884	0.32%	0.036%
169	14.023	13.994	14.041	VV	2224	37570	0.70%	0.081%
170	14.064	14.041	14.114	VV	2962	78648	1.47%	0.169%
171	14.187	14.114	14.213	VV	2852	100456	1.88%	0.216%
172	14.234	14.213	14.278	VV	2178	41802	0.78%	0.090%
173	14.293	14.278	14.312	VV	597	8674	0.16%	0.019%
174	14.353	14.312	14.471	VV	909	44220	0.83%	0.095%
175	14.615	14.471	14.666	PV	5591	153735	2.87%	0.331%
176	14.694	14.666	14.731	VV	3101	66500	1.24%	0.143%
177	14.758	14.731	14.818	VV	1938	63728	1.19%	0.137%
178	14.845	14.818	14.868	VV	2451	54091	1.01%	0.116%
179	14.893	14.868	14.938	VV	4413	97653	1.82%	0.210%
180	14.958	14.938	14.981	VV	1788	32342	0.60%	0.070%
181	15.007	14.981	15.068	VV	2131	62902	1.17%	0.135%
182	15.090	15.068	15.158	VV	1557	34235	0.64%	0.074%
183	15.209	15.158	15.227	PV	15657	231539	4.32%	0.498%
184	15.249	15.227	15.344	VV	16310	382239	7.14%	0.823%
185	15.368	15.344	15.398	VV	2778	53627	1.00%	0.115%
186	15.419	15.398	15.478	VV	1068	30619	0.57%	0.066%
187	15.565	15.478	15.588	VV	1920	53470	1.00%	0.115%
188	15.627	15.588	15.691	VV	14831	291450	5.44%	0.627%
189	15.711	15.691	15.734	VV	962	20336	0.38%	0.044%
190	15.761	15.734	15.805	VV	4212	92579	1.73%	0.199%
191	15.834	15.805	15.861	VV	5002	73756	1.38%	0.159%
192	15.888	15.861	15.911	VV	4157	60644	1.13%	0.131%
193	15.928	15.911	15.960	VV	1932	34551	0.65%	0.074%
194	15.983	15.960	16.008	VV	726	16096	0.30%	0.035%

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195	16.038	16.008	16.098	VV	1827	62748	1.17%	0.135%
196	16.148	16.098	16.188	VV	821	25986	0.49%	0.056%
197	16.219	16.188	16.242	VV	1103	21078	0.39%	0.045%
198	16.263	16.242	16.288	VV	1703	22805	0.43%	0.049%
199	16.330	16.288	16.367	PV	1404	32604	0.61%	0.070%
200	16.403	16.367	16.421	VV	278	7415	0.14%	0.016%
201	16.473	16.421	16.508	PV	827	21575	0.40%	0.046%
202	16.570	16.508	16.614	PV	2142	64236	1.20%	0.138%
203	16.645	16.614	16.721	VV	5515	138676	2.59%	0.299%
204	16.778	16.721	16.874	VV	19434	584575	10.91%	1.259%
205	16.911	16.874	17.001	VV	4482	129338	2.41%	0.278%
206	17.047	17.001	17.078	PV	4778	83388	1.56%	0.180%
207	17.102	17.078	17.138	VV	11483	185428	3.46%	0.399%
208	17.168	17.138	17.234	VV	12041	300729	5.61%	0.647%
209	17.265	17.234	17.358	VV	9051	223670	4.18%	0.482%
210	17.405	17.358	17.451	VV	1848	60214	1.12%	0.130%
211	17.588	17.451	17.631	VV	11041	316933	5.92%	0.682%
212	17.665	17.631	17.723	VV	9341	206303	3.85%	0.444%
213	17.749	17.723	17.806	VV	2881	88311	1.65%	0.190%
214	17.836	17.806	17.858	VV	2036	44084	0.82%	0.095%
215	17.877	17.858	17.910	VV	1432	28342	0.53%	0.061%
216	18.107	17.910	18.161	PV	6901	265001	4.95%	0.571%
217	18.196	18.161	18.223	VV	8113	132935	2.48%	0.286%
218	18.316	18.223	18.331	VV	4134	166639	3.11%	0.359%
219	18.348	18.331	18.394	VV	3689	91646	1.71%	0.197%
220	18.472	18.394	18.505	VV	22818	537775	10.04%	1.158%
221	18.530	18.505	18.578	VV	12641	362343	6.76%	0.780%
222	18.620	18.578	18.664	VV	5534	224372	4.19%	0.483%
223	18.749	18.664	18.774	VV	2279	142826	2.67%	0.307%
224	18.810	18.774	18.864	VV	8091	194674	3.63%	0.419%
225	18.936	18.864	19.001	VV	9324	296383	5.53%	0.638%
226	19.043	19.001	19.112	VV	6253	230824	4.31%	0.497%
227	19.138	19.112	19.164	VV	4198	94945	1.77%	0.204%
228	19.304	19.164	19.401	VV	19044	904606	16.89%	1.948%
229	19.437	19.401	19.463	VV	10845	272960	5.10%	0.588%
230	19.479	19.463	19.514	VV	5763	161079	3.01%	0.347%
231	19.585	19.514	19.628	VV	8290	387725	7.24%	0.835%
232	19.643	19.628	19.668	VV	6150	132084	2.47%	0.284%
233	19.826	19.668	19.870	VV	19217	1156218	21.58%	2.489%
234	19.994	19.870	20.030	VV	38949	1301743	24.30%	2.803%
235	20.096	20.030	20.173	VV	18236	1242202	23.19%	2.674%
236	20.380	20.173	20.401	VV	21045	2089200	39.00%	4.498%
237	20.469	20.401	20.488	VV	21919	1016576	18.98%	2.189%
238	20.825	20.488	20.858	VV	28550	5356723	100.00%	11.532%
239	20.876	20.858	20.911	VV	27797	853751	15.94%	1.838%
240	20.947	20.911	20.974	VV	26021	965108	18.02%	2.078%
241	21.000	20.974	21.086	VV	24218	1560714	29.14%	3.360%
242	21.105	21.086	21.121	VV	21953	448285	8.37%	0.965%
243	21.155	21.121	21.183	VV	21922	785665	14.67%	1.691%
244	21.211	21.183	21.244	VV	21230	757479	14.14%	1.631%
245	21.261	21.244	21.309	VV	19017	717379	13.39%	1.544%
246	21.324	21.309	21.354	VV	18027	487520	9.10%	1.050%

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247	21.427	21.354	21.574	VV	18423	2193568	40.95%	4.723%
248	21.594	21.574	21.614	VV	13325	317723	5.93%	0.684%
249	21.657	21.614	21.831	VV	13705	1547795	28.89%	3.332%
250	21.900	21.831	22.038	VV	9836	974409	18.19%	2.098%
251	22.057	22.038	22.081	VV	5167	125013	2.33%	0.269%
252	22.099	22.081	22.121	VV	4512	105930	1.98%	0.228%
253	22.145	22.121	22.271	VV	3934	188828	3.53%	0.407%

Sum of corrected areas: 46449006

Aliphatic EPH 103025.M Fri Nov 28 20:57:47 2025

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-15B			SDG No.:	Q3719
Lab Sample ID:	Q3719-10			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	89.4
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	9.67		1	1.32	2.23	mg/kg	FE057070.D	11/27/25 5:14	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	4.15	J	1	1.02	4.47	mg/kg	FE057070.D	11/27/25 5:14	PB170736
Total AliphaticEPH	Total AliphaticEPH	13.8			2.34	6.71	mg/kg			
Total EPH	Total EPH	13.8			2.34	6.71	mg/kg			

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

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

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

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-15B			SDG No.:	Q3719
Lab Sample ID:	Q3719-10			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	89.4
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	4.15	J	1	1.02	4.47	mg/kg	11/27/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	9.67		1	1.32	2.23	mg/kg	11/27/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	23.1			40 - 140	46%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	27.6			40 - 140	55%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3719-10	Acq On:	27 Nov 2025 05:14
Client Sample ID:	SB-1125-15B	Operator:	YP\AJ
Data file:	FE057070.D	Misc:	
Instrument:	FID_E	ALS Vial:	37
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.202	6.826	362275	2.117	300	ug/ml
Aliphatic C12-C16	6.827	10.271	721891	4.038	200	ug/ml
Aliphatic C16-C21	10.272	13.644	7081269	37.968	300	ug/ml
Aliphatic C21-C28	13.645	17.314	2225958	11.547	400	ug/ml
Aliphatic C28-C40	17.315	22.241	20680034	129.806	600	ug/ml
Aliphatic EPH	3.202	22.241	31071427	185.477		ug/ml
ortho-Terphenyl (SURR)	11.943	11.943	5755229	27.55		ug/ml
1-chlorooctadecane (SURR)	13.380	13.380	3722487	23.1		ug/ml
Aliphatic C9-C28	3.202	17.314	10391393	55.67	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057070.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 05:14
Operator : YP\AJ
Sample : Q3719-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-15B

Integration File: sample.E
Quant Time: Nov 28 19:48:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 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)	11.943	5755229	27.548 ug/ml
Spiked Amount 50.000		Recovery =	55.10%
12) S 1-chlorooctadecane (S...	13.380	3722487	23.104 ug/ml
Spiked Amount 50.000		Recovery =	46.21%
Target Compounds			

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

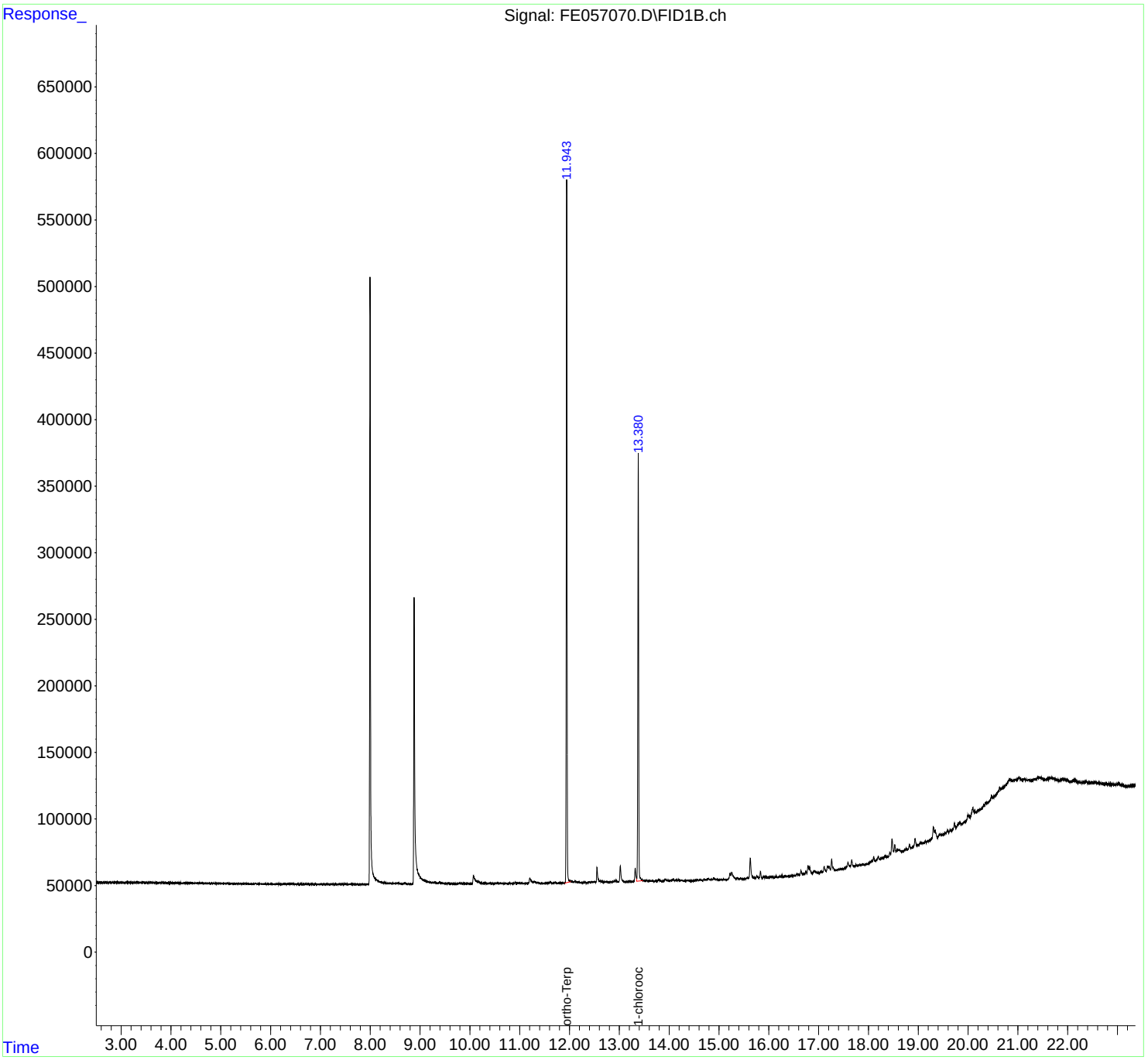
Quantitation Report (QT Reviewed)

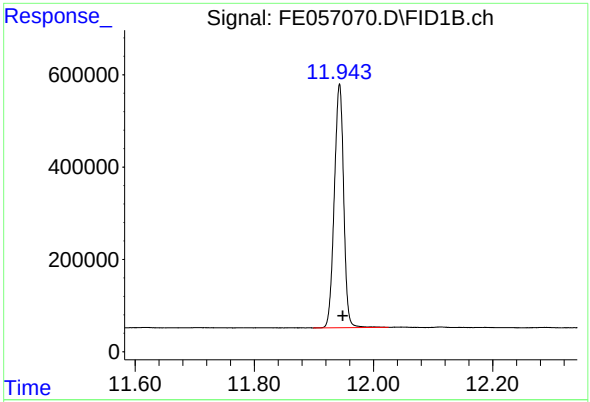
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057070.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 05:14
Operator : YP\AJ
Sample : Q3719-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-15B

Integration File: sample.E
Quant Time: Nov 28 19:48:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

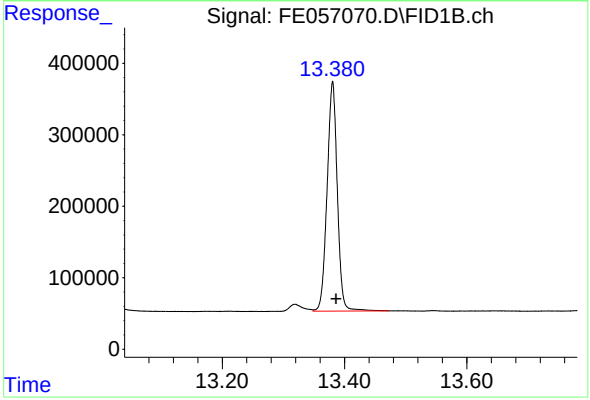




#9 ortho-Terphenyl (SURR)

R.T.: 11.943 min
Delta R.T.: -0.006 min
Response: 5755229
Conc: 27.55 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-15B



#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: -0.006 min
Response: 3722487
Conc: 23.10 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057070.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 05:14
Sample : Q3719-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	2.564	2.524	2.585	BV	65	154	0.00%	0.000%
2	2.597	2.585	2.662	PV	95	2461	0.04%	0.007%
3	2.670	2.662	2.702	VV	95	1294	0.02%	0.004%
4	2.728	2.702	2.772	VV	167	4956	0.09%	0.014%
5	2.785	2.772	2.823	VV	239	5108	0.09%	0.015%
6	2.835	2.823	2.848	VV	202	2419	0.04%	0.007%
7	2.854	2.848	2.899	VV	222	5059	0.09%	0.014%
8	2.916	2.899	2.924	VV	186	2369	0.04%	0.007%
9	2.933	2.924	2.961	VV	204	3429	0.06%	0.010%
10	2.989	2.961	3.038	VV	239	8822	0.15%	0.025%
11	3.061	3.038	3.072	VV	246	3677	0.06%	0.011%
12	3.086	3.072	3.217	VV	227	16792	0.29%	0.048%
13	3.231	3.217	3.255	VV	273	4296	0.07%	0.012%
14	3.268	3.255	3.283	VV	222	3181	0.05%	0.009%
15	3.295	3.283	3.343	VV	289	8440	0.15%	0.024%
16	3.358	3.343	3.389	VV	239	5712	0.10%	0.016%
17	3.398	3.389	3.424	VV	243	4417	0.08%	0.013%
18	3.431	3.424	3.473	VV	289	6965	0.12%	0.020%
19	3.514	3.473	3.668	VV	327	30364	0.52%	0.087%
20	3.680	3.668	3.699	VV	318	4692	0.08%	0.013%
21	3.799	3.699	3.814	VV	357	18480	0.32%	0.053%
22	3.829	3.814	3.878	VV	311	9629	0.17%	0.028%
23	3.885	3.878	3.918	VV	273	6083	0.10%	0.017%
24	3.930	3.918	3.975	VV	303	8246	0.14%	0.024%
25	3.989	3.975	4.064	VV	297	12516	0.22%	0.036%
26	4.093	4.064	4.105	VV	352	6590	0.11%	0.019%
27	4.112	4.105	4.125	VV	244	2647	0.05%	0.008%
28	4.135	4.125	4.172	VV	231	5970	0.10%	0.017%
29	4.194	4.172	4.215	VV	281	5275	0.09%	0.015%
30	4.230	4.215	4.258	VV	220	5066	0.09%	0.015%
31	4.284	4.258	4.334	VV	287	10164	0.18%	0.029%
32	4.346	4.334	4.352	VV	248	2368	0.04%	0.007%
33	4.368	4.352	4.415	VV	296	7863	0.14%	0.023%
34	4.438	4.415	4.531	VV	249	14490	0.25%	0.041%
35	4.550	4.531	4.621	VV	324	12735	0.22%	0.036%
36	4.632	4.621	4.684	VV	254	6614	0.11%	0.019%

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37	4.699	4.684	4.705	VV	158	1596	0.03%	0.005%
38	4.741	4.705	4.821	VV	368	13240	0.23%	0.038%
39	4.830	4.821	4.869	VV	240	4777	0.08%	0.014%
40	4.876	4.869	4.899	VV	151	2580	0.04%	0.007%
41	4.905	4.899	4.918	VV	193	1655	0.03%	0.005%
42	4.923	4.918	4.942	VV	191	2026	0.03%	0.006%
43	4.956	4.942	5.025	VV	180	7181	0.12%	0.021%
44	5.061	5.025	5.181	VV	211	11529	0.20%	0.033%
45	5.189	5.181	5.194	VV	129	839	0.01%	0.002%
46	5.215	5.194	5.257	VV	186	4643	0.08%	0.013%
47	5.264	5.257	5.298	VV	139	1658	0.03%	0.005%
48	5.308	5.298	5.318	PV	82	756	0.01%	0.002%
49	5.328	5.318	5.471	VV	88	5661	0.10%	0.016%
50	5.499	5.471	5.511	VV	113	2075	0.04%	0.006%
51	5.516	5.511	5.524	VV	113	686	0.01%	0.002%
52	5.534	5.524	5.565	VV	147	2336	0.04%	0.007%
53	5.577	5.565	5.588	VV	155	1063	0.02%	0.003%
54	5.605	5.588	5.618	VV	64	1108	0.02%	0.003%
55	5.626	5.618	5.678	VV	125	2395	0.04%	0.007%
56	5.697	5.678	5.765	VV	165	4750	0.08%	0.014%
57	5.777	5.765	5.828	VV	119	2887	0.05%	0.008%
58	5.837	5.828	5.924	VV	149	3965	0.07%	0.011%
59	5.931	5.924	5.961	VV	117	1313	0.02%	0.004%
60	6.000	5.961	6.062	VV	215	6598	0.11%	0.019%
61	6.076	6.062	6.086	VV	153	1338	0.02%	0.004%
62	6.092	6.086	6.099	VV	96	630	0.01%	0.002%
63	6.123	6.099	6.198	VV	133	4590	0.08%	0.013%
64	6.273	6.198	6.287	PV	179	5700	0.10%	0.016%
65	6.299	6.287	6.304	VV	276	2273	0.04%	0.007%
66	6.311	6.304	6.364	VV	337	9494	0.16%	0.027%
67	6.371	6.364	6.398	VV	269	4085	0.07%	0.012%
68	6.435	6.398	6.454	VV	554	9569	0.17%	0.027%
69	6.467	6.454	6.491	VV	234	3754	0.06%	0.011%
70	6.509	6.491	6.581	VV	204	7923	0.14%	0.023%
71	6.588	6.581	6.611	VV	135	2311	0.04%	0.007%
72	6.630	6.611	6.657	VV	204	4247	0.07%	0.012%
73	6.681	6.657	6.688	VV	153	2362	0.04%	0.007%
74	6.699	6.688	6.708	VV	210	1937	0.03%	0.006%
75	6.715	6.708	6.723	VV	209	1494	0.03%	0.004%
76	6.733	6.723	6.788	VV	206	5362	0.09%	0.015%
77	6.794	6.788	6.863	VV	173	5086	0.09%	0.015%
78	6.878	6.863	6.896	VV	202	2492	0.04%	0.007%
79	6.901	6.896	6.935	VV	129	2086	0.04%	0.006%
80	6.944	6.935	6.996	PV	129	2785	0.05%	0.008%
81	7.008	6.996	7.068	VV	74	3691	0.06%	0.011%
82	7.134	7.068	7.164	VV	160	5186	0.09%	0.015%
83	7.209	7.164	7.271	VV	139	6756	0.12%	0.019%
84	7.295	7.271	7.324	VV	177	3603	0.06%	0.010%
85	7.409	7.324	7.431	VV	232	10429	0.18%	0.030%
86	7.448	7.431	7.492	VV	297	7720	0.13%	0.022%
87	7.527	7.492	7.603	VV	273	11815	0.20%	0.034%
88	7.675	7.603	7.808	VV	294	16655	0.29%	0.048%
89	7.818	7.808	7.838	VV	122	1117	0.02%	0.003%

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90	7.846	7.838	7.881	VV	117	1510	0.03%	0.004%
91	8.381	8.368	8.484	VV	838	50436	0.87%	0.144%
92	8.499	8.484	8.517	VV	801	13633	0.24%	0.039%
93	8.559	8.517	8.649	VV	1036	47251	0.81%	0.135%
94	8.694	8.649	8.848	VV	897	46027	0.79%	0.132%
95	9.300	9.274	9.368	VV	1230	54967	0.95%	0.157%
96	9.389	9.368	9.534	VV	1379	65654	1.13%	0.188%
97	9.549	9.534	9.645	VV	441	20992	0.36%	0.060%
98	9.688	9.645	9.728	VV	268	10601	0.18%	0.030%
99	9.797	9.728	9.831	VV	592	21828	0.38%	0.062%
100	9.850	9.831	9.913	VV	450	16123	0.28%	0.046%
101	9.939	9.913	9.978	VV	334	9283	0.16%	0.027%
102	10.010	9.978	10.033	VV	308	5726	0.10%	0.016%
103	10.075	10.033	10.152	VV	5833	192364	3.32%	0.551%
104	10.169	10.152	10.382	VV	1879	91161	1.57%	0.261%
105	10.397	10.382	10.478	VV	232	8651	0.15%	0.025%
106	10.533	10.478	10.602	VV	687	24558	0.42%	0.070%
107	10.652	10.602	10.688	VV	293	11777	0.20%	0.034%
108	10.705	10.688	10.748	VV	222	4818	0.08%	0.014%
109	10.799	10.748	10.812	PV	221	5860	0.10%	0.017%
110	10.835	10.812	10.863	VV	370	7199	0.12%	0.021%
111	10.913	10.863	10.939	VV	786	16805	0.29%	0.048%
112	10.986	10.939	11.004	VV	531	13727	0.24%	0.039%
113	11.022	11.004	11.097	VV	455	13940	0.24%	0.040%
114	11.134	11.097	11.171	VV	504	8300	0.14%	0.024%
115	11.205	11.171	11.274	PV	4131	116663	2.01%	0.334%
116	11.291	11.274	11.491	VV	1366	67455	1.16%	0.193%
117	11.551	11.491	11.572	VV	595	10301	0.18%	0.029%
118	11.617	11.572	11.651	VV	1020	23169	0.40%	0.066%
119	11.706	11.651	11.764	VV	539	19287	0.33%	0.055%
120	11.816	11.764	11.843	VV	309	8190	0.14%	0.023%
121	11.862	11.843	11.898	VV	218	3020	0.05%	0.009%
122	11.942	11.898	12.024	PV	523079	5799510	100.00%	16.605%
123	12.047	12.024	12.089	VV	1618	46111	0.80%	0.132%
124	12.112	12.089	12.168	VV	1746	45122	0.78%	0.129%
125	12.184	12.168	12.254	VV	823	21605	0.37%	0.062%
126	12.288	12.254	12.317	VV	802	11524	0.20%	0.033%
127	12.391	12.317	12.408	VV	668	10887	0.19%	0.031%
128	12.443	12.408	12.463	VV	447	13447	0.23%	0.039%
129	12.495	12.463	12.523	VV	828	20723	0.36%	0.059%
130	12.553	12.523	12.708	VV	11309	227511	3.92%	0.651%
131	12.744	12.708	12.775	VV	601	14675	0.25%	0.042%
132	12.795	12.775	12.838	VV	314	8056	0.14%	0.023%
133	12.931	12.838	12.978	VV	1359	49727	0.86%	0.142%
134	13.020	12.978	13.152	VV	12319	236526	4.08%	0.677%
135	13.178	13.152	13.193	VV	409	7819	0.13%	0.022%
136	13.211	13.193	13.241	VV	504	9663	0.17%	0.028%
137	13.320	13.241	13.351	VV	9954	172965	2.98%	0.495%
138	13.380	13.351	13.528	VV	323521	3798621	65.50%	10.876%
139	13.545	13.528	13.578	VV	1156	21678	0.37%	0.062%
140	13.649	13.578	13.698	VV	701	39879	0.69%	0.114%
141	13.736	13.698	13.758	VV	503	14498	0.25%	0.042%

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142	13.790	13.758	13.865	VV	1215	39216	0.68%	0.112%
143	13.925	13.865	14.008	VV	1614	60552	1.04%	0.173%
144	14.032	14.008	14.051	VV	875	16573	0.29%	0.047%
145	14.085	14.051	14.111	VV	1659	38798	0.67%	0.111%
146	14.132	14.111	14.172	VV	1125	26170	0.45%	0.075%
147	14.191	14.172	14.221	VV	978	20136	0.35%	0.058%
148	14.239	14.221	14.311	VV	803	19887	0.34%	0.057%
149	14.366	14.311	14.474	VV	271	13435	0.23%	0.038%
150	14.537	14.474	14.558	PV	630	13797	0.24%	0.040%
151	14.572	14.558	14.594	VV	922	11509	0.20%	0.033%
152	14.619	14.594	14.672	VV	833	20868	0.36%	0.060%
153	14.699	14.672	14.721	PV	1086	15908	0.27%	0.046%
154	14.791	14.721	14.827	VV	1166	49831	0.86%	0.143%
155	14.853	14.827	14.874	VV	841	18641	0.32%	0.053%
156	14.901	14.874	14.938	VV	1494	37085	0.64%	0.106%
157	14.964	14.938	15.001	VV	695	19686	0.34%	0.056%
158	15.037	15.001	15.064	VV	468	16591	0.29%	0.048%
159	15.097	15.064	15.158	VV	697	21475	0.37%	0.061%
160	15.222	15.158	15.236	PV	4761	92478	1.59%	0.265%
161	15.257	15.236	15.344	VV	5455	175130	3.02%	0.501%
162	15.372	15.344	15.411	VV	1035	28244	0.49%	0.081%
163	15.436	15.411	15.493	VV	559	17033	0.29%	0.049%
164	15.571	15.493	15.587	VV	888	21090	0.36%	0.060%
165	15.629	15.587	15.734	VV	15352	308712	5.32%	0.884%
166	15.762	15.734	15.804	VV	1716	37803	0.65%	0.108%
167	15.833	15.804	15.868	VV	5240	71549	1.23%	0.205%
168	15.897	15.868	15.921	VV	1116	20279	0.35%	0.058%
169	15.941	15.921	15.968	VV	657	12607	0.22%	0.036%
170	16.045	15.968	16.104	VV	626	31650	0.55%	0.091%
171	16.148	16.104	16.196	VV	670	16188	0.28%	0.046%
172	16.262	16.196	16.291	VV	1277	26738	0.46%	0.077%
173	16.332	16.291	16.371	PV	564	12693	0.22%	0.036%
174	16.395	16.371	16.419	VV	224	3903	0.07%	0.011%
175	16.467	16.419	16.514	PV	402	10357	0.18%	0.030%
176	16.563	16.514	16.614	PV	1094	29869	0.52%	0.086%
177	16.647	16.614	16.687	VV	3334	62785	1.08%	0.180%
178	16.747	16.687	16.763	VV	2613	52354	0.90%	0.150%
179	16.789	16.763	16.874	VV	6633	206680	3.56%	0.592%
180	16.918	16.874	17.007	VV	1837	69357	1.20%	0.199%
181	17.049	17.007	17.071	PV	1215	17547	0.30%	0.050%
182	17.112	17.071	17.150	VV	4128	80614	1.39%	0.231%
183	17.181	17.150	17.198	VV	4368	76781	1.32%	0.220%
184	17.213	17.198	17.238	VV	3750	63969	1.10%	0.183%
185	17.263	17.238	17.329	VV	8880	165013	2.85%	0.472%
186	17.343	17.329	17.357	VV	209	3164	0.05%	0.009%
187	17.470	17.357	17.491	PV	342	16658	0.29%	0.048%
188	17.591	17.491	17.634	PV	4281	114549	1.98%	0.328%
189	17.666	17.634	17.721	VV	5639	103170	1.78%	0.295%
190	17.754	17.721	17.775	VV	1025	23581	0.41%	0.068%
191	17.838	17.775	17.854	VV	783	26475	0.46%	0.076%
192	17.882	17.854	17.917	VV	661	16119	0.28%	0.046%
193	18.105	17.917	18.136	PV	3986	78923	1.36%	0.226%
194	18.197	18.136	18.221	VV	3082	53738	0.93%	0.154%

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195	18.342	18.221	18.394	VV	1423	65850	1.14%	0.189%
196	18.474	18.394	18.508	PV	12389	281726	4.86%	0.807%
197	18.529	18.508	18.553	VV	7448	119060	2.05%	0.341%
198	18.576	18.553	18.611	VV	3180	88616	1.53%	0.254%
199	18.622	18.611	18.671	VV	2335	45352	0.78%	0.130%
200	18.751	18.671	18.774	PV	978	33037	0.57%	0.095%
201	18.822	18.774	18.871	VV	2857	62840	1.08%	0.180%
202	18.937	18.871	19.008	PV	6228	135980	2.34%	0.389%
203	19.043	19.008	19.068	VV	2209	41764	0.72%	0.120%
204	19.141	19.068	19.162	VV	1326	43934	0.76%	0.126%
205	19.304	19.162	19.391	VV	9697	369915	6.38%	1.059%
206	19.439	19.391	19.458	VV	2633	67744	1.17%	0.194%
207	19.588	19.458	19.618	VV	3133	165837	2.86%	0.475%
208	19.641	19.618	19.661	VV	2581	54164	0.93%	0.155%
209	19.726	19.661	19.754	VV	6249	183997	3.17%	0.527%
210	19.838	19.754	19.864	VV	5476	280172	4.83%	0.802%
211	19.997	19.864	20.040	VV	8650	572985	9.88%	1.641%
212	20.096	20.040	20.168	VV	12678	707272	12.20%	2.025%
213	20.472	20.168	20.501	VV	15940	2287327	39.44%	6.549%
214	20.633	20.501	20.654	VV	20213	1535614	26.48%	4.397%
215	20.834	20.654	20.891	VV	23231	2956969	50.99%	8.466%
216	20.944	20.891	20.964	VV	21404	943841	16.27%	2.702%
217	21.023	20.964	21.104	VV	21792	1730345	29.84%	4.954%
218	21.128	21.104	21.187	VV	19427	919204	15.85%	2.632%
219	21.214	21.187	21.251	VV	17573	655003	11.29%	1.875%
220	21.335	21.251	21.361	VV	16295	1061718	18.31%	3.040%
221	21.426	21.361	21.521	VV	16636	1477145	25.47%	4.229%
222	21.651	21.521	21.821	VV	12692	2064678	35.60%	5.911%
223	21.913	21.821	22.033	VV	8122	901869	15.55%	2.582%
224	22.137	22.033	22.208	VV	4027	359612	6.20%	1.030%
225	22.230	22.208	22.278	VV	1114	30087	0.52%	0.086%

Sum of corrected areas: 34926593

Aliphatic EPH 103025.M Fri Nov 28 20:58:09 2025

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-16A			SDG No.:	Q3719
Lab Sample ID:	Q3719-11			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	88
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	12.8		1	1.34	2.27	mg/kg	FE057071.D	11/27/25 5:44	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	4.63		1	1.03	4.53	mg/kg	FE057071.D	11/27/25 5:44	PB170736
Total AliphaticEPH	Total AliphaticEPH	17.4			2.37	6.80	mg/kg			
Total EPH	Total EPH	17.4			2.37	6.80	mg/kg			

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

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

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

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-16A			SDG No.:	Q3719
Lab Sample ID:	Q3719-11			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	88
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	4.63		1	1.03	4.53	mg/kg	11/27/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	12.8		1	1.34	2.27	mg/kg	11/27/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	20.4			40 - 140	41%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	24.8			40 - 140	50%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3719-11	Acq On:	27 Nov 2025 05:44
Client Sample ID:	SB-1125-16A	Operator:	YP\AJ
Data file:	FE057071.D	Misc:	
Instrument:	FID_E	ALS Vial:	38
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.202	6.826	547849	3.201	300	ug/ml
Aliphatic C12-C16	6.827	10.271	1632826	9.134	200	ug/ml
Aliphatic C16-C21	10.272	13.644	3744711	20.078	300	ug/ml
Aliphatic C21-C28	13.645	17.314	5543934	28.76	400	ug/ml
Aliphatic C28-C40	17.315	22.241	26926660	169.016	600	ug/ml
Aliphatic EPH	3.202	22.241	38395980	230.189		ug/ml
ortho-Terphenyl (SURR)	11.942	11.942	5177885	24.78		ug/ml
1-chlorooctadecane (SURR)	13.380	13.380	3281174	20.37		ug/ml
Aliphatic C9-C28	3.202	17.314	11469320	61.173	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057071.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 05:44
Operator : YP\AJ
Sample : Q3719-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-16A

Integration File: sample.E
Quant Time: Nov 28 19:49:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.942	5177885	24.785 ug/ml
Spiked Amount 50.000		Recovery =	49.57%
12) S 1-chlorooctadecane (S...	13.380	3281174	20.365 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
Target Compounds			

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

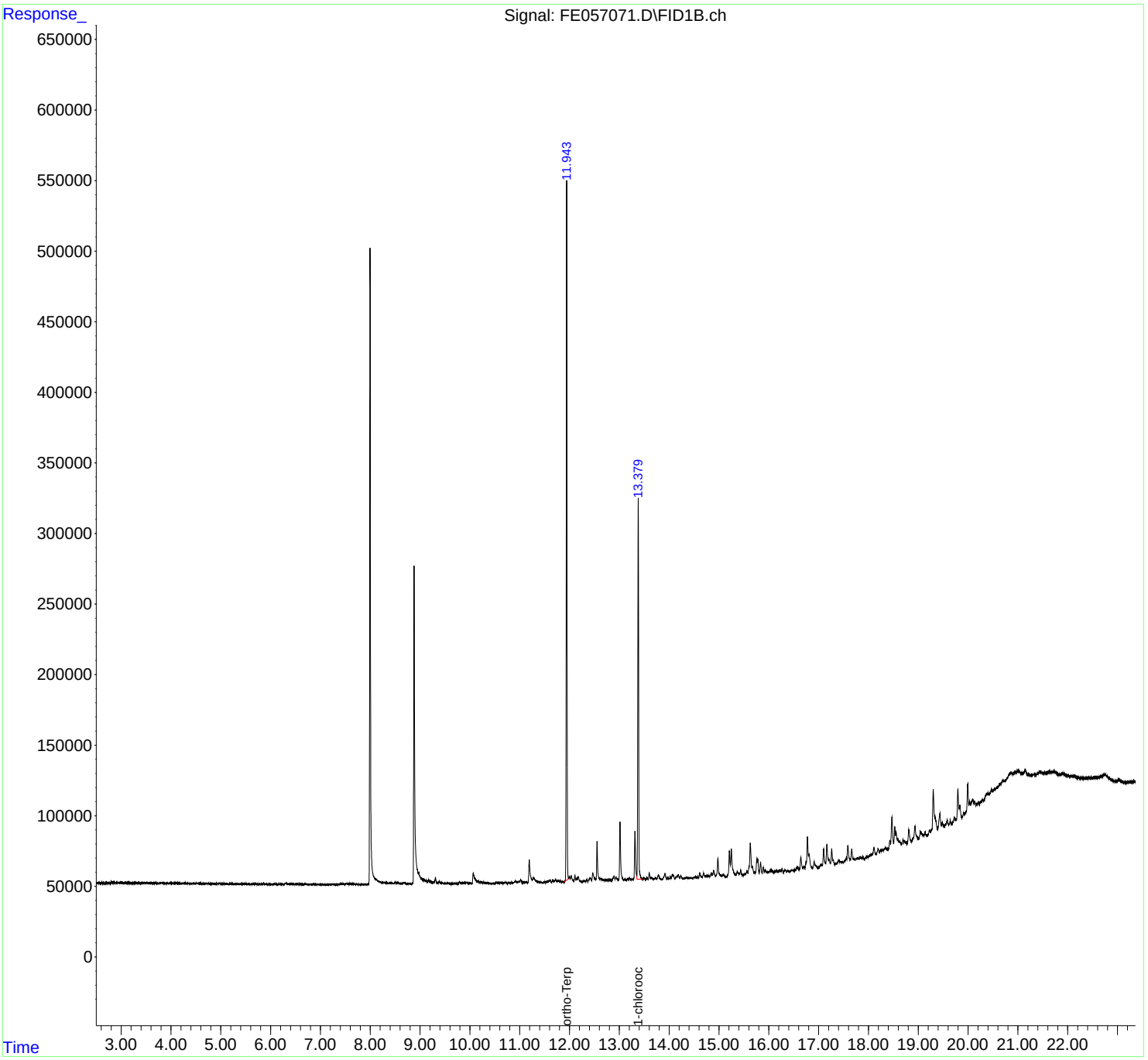
Quantitation Report (QT Reviewed)

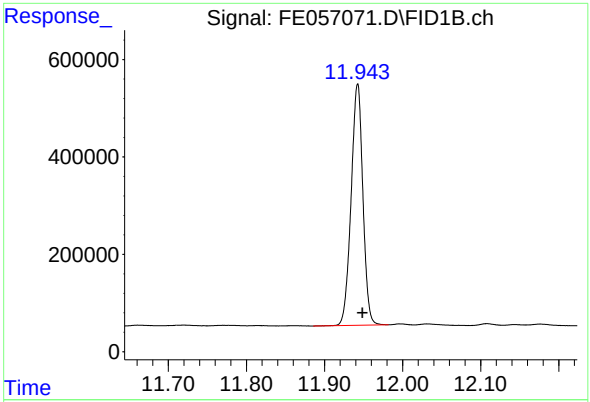
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057071.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 05:44
Operator : YP\AJ
Sample : Q3719-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-16A

Integration File: sample.E
Quant Time: Nov 28 19:49:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

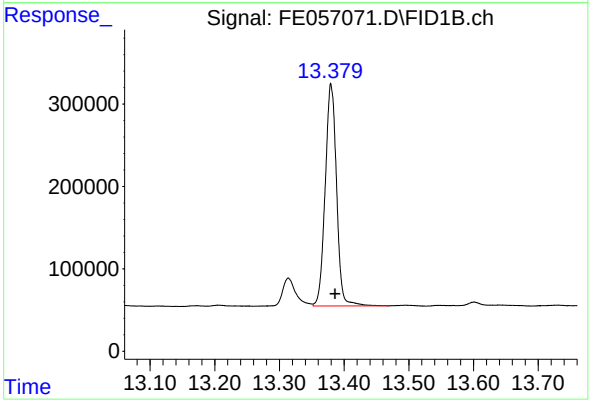




#9 ortho-Terphenyl (SURR)

R.T.: 11.942 min
Delta R.T.: -0.006 min
Response: 5177885
Conc: 24.78 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-16A



#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: -0.006 min
Response: 3281174
Conc: 20.37 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057071.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 05:44
Sample : Q3719-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	2.545	2.525	2.595	BV	57	1044	0.02%	0.002%
2	2.616	2.595	2.638	PV	191	2705	0.05%	0.006%
3	2.641	2.638	2.654	VV	167	996	0.02%	0.002%
4	2.663	2.654	2.698	VV	121	2369	0.05%	0.005%
5	2.726	2.698	2.761	VV	283	6813	0.13%	0.014%
6	2.802	2.761	2.811	VV	432	8981	0.17%	0.019%
7	2.860	2.811	2.905	VV	516	25776	0.49%	0.055%
8	2.912	2.905	2.945	VV	494	11128	0.21%	0.024%
9	2.958	2.945	2.971	VV	536	7289	0.14%	0.015%
10	2.997	2.971	3.047	VV	634	22169	0.42%	0.047%
11	3.077	3.047	3.108	VV	463	15031	0.29%	0.032%
12	3.138	3.108	3.202	VV	386	18395	0.35%	0.039%
13	3.213	3.202	3.275	VV	386	12758	0.24%	0.027%
14	3.298	3.275	3.361	VV	493	18379	0.35%	0.039%
15	3.377	3.361	3.401	VV	373	6583	0.13%	0.014%
16	3.434	3.401	3.449	VV	448	11036	0.21%	0.023%
17	3.470	3.449	3.494	VV	426	10550	0.20%	0.022%
18	3.506	3.494	3.520	VV	448	6165	0.12%	0.013%
19	3.530	3.520	3.555	VV	425	7816	0.15%	0.017%
20	3.613	3.555	3.635	VV	477	18331	0.35%	0.039%
21	3.650	3.635	3.669	VV	439	7718	0.15%	0.016%
22	3.680	3.669	3.723	VV	401	10596	0.20%	0.022%
23	3.746	3.723	3.774	VV	421	10742	0.20%	0.023%
24	3.801	3.774	3.835	VV	525	15460	0.29%	0.033%
25	3.851	3.835	3.902	VV	398	14006	0.27%	0.030%
26	3.921	3.902	3.965	VV	372	11760	0.22%	0.025%
27	3.992	3.965	4.057	VV	435	16042	0.31%	0.034%
28	4.097	4.057	4.118	VV	480	12334	0.23%	0.026%
29	4.134	4.118	4.230	VV	424	19505	0.37%	0.041%
30	4.241	4.230	4.262	VV	326	5038	0.10%	0.011%
31	4.283	4.262	4.340	VV	480	15718	0.30%	0.033%
32	4.351	4.340	4.359	VV	341	3235	0.06%	0.007%
33	4.364	4.359	4.424	VV	313	9975	0.19%	0.021%
34	4.442	4.424	4.477	VV	367	8525	0.16%	0.018%
35	4.494	4.477	4.506	VV	360	5090	0.10%	0.011%
36	4.555	4.506	4.583	VV	524	14939	0.28%	0.032%

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37	4.594	4.583	4.614	VV	444	5345	0.10%	0.011%
38	4.623	4.614	4.701	VV	298	11992	0.23%	0.025%
39	4.709	4.701	4.714	VV	227	1536	0.03%	0.003%
40	4.738	4.714	4.818	VV	429	17427	0.33%	0.037%
41	4.836	4.818	4.852	VV	362	5399	0.10%	0.011%
42	4.866	4.852	4.953	VV	302	13659	0.26%	0.029%
43	4.971	4.953	5.022	VV	329	9628	0.18%	0.020%
44	5.030	5.022	5.046	VV	236	2412	0.05%	0.005%
45	5.062	5.046	5.101	VV	260	5710	0.11%	0.012%
46	5.111	5.101	5.125	VV	183	2104	0.04%	0.004%
47	5.139	5.125	5.178	VV	180	5041	0.10%	0.011%
48	5.195	5.178	5.204	VV	301	3746	0.07%	0.008%
49	5.214	5.204	5.251	VV	331	7510	0.14%	0.016%
50	5.262	5.251	5.284	VV	198	3202	0.06%	0.007%
51	5.310	5.284	5.329	VV	277	5416	0.10%	0.011%
52	5.352	5.329	5.408	VV	215	7436	0.14%	0.016%
53	5.415	5.408	5.428	VV	168	1627	0.03%	0.003%
54	5.434	5.428	5.514	VV	183	7279	0.14%	0.015%
55	5.535	5.514	5.611	VV	254	10036	0.19%	0.021%
56	5.621	5.611	5.651	VV	219	3525	0.07%	0.007%
57	5.664	5.651	5.678	VV	129	1564	0.03%	0.003%
58	5.693	5.678	5.752	VV	423	8409	0.16%	0.018%
59	5.766	5.752	5.802	VV	152	3663	0.07%	0.008%
60	5.813	5.802	5.835	VV	200	2856	0.05%	0.006%
61	5.857	5.835	5.948	VV	709	13012	0.25%	0.028%
62	5.988	5.948	6.028	VV	206	5857	0.11%	0.012%
63	6.062	6.028	6.083	PV	173	3085	0.06%	0.007%
64	6.105	6.083	6.144	VV	198	3869	0.07%	0.008%
65	6.168	6.144	6.188	VV	848	9096	0.17%	0.019%
66	6.196	6.188	6.225	VV	306	4208	0.08%	0.009%
67	6.233	6.225	6.257	VV	205	2639	0.05%	0.006%
68	6.300	6.257	6.408	VV	804	38488	0.73%	0.081%
69	6.432	6.408	6.502	VV	625	17027	0.32%	0.036%
70	6.530	6.502	6.554	VV	283	6221	0.12%	0.013%
71	6.568	6.554	6.645	VV	336	10326	0.20%	0.022%
72	6.688	6.645	6.711	VV	433	8158	0.16%	0.017%
73	6.727	6.711	6.805	VV	331	6384	0.12%	0.014%
74	6.814	6.805	6.826	VV	80	656	0.01%	0.001%
75	6.858	6.826	6.897	VV	329	7949	0.15%	0.017%
76	6.912	6.897	6.941	VV	297	3898	0.07%	0.008%
77	6.947	6.941	7.021	VV	88	3010	0.06%	0.006%
78	7.028	7.021	7.110	VV	114	2744	0.05%	0.006%
79	7.147	7.110	7.162	PV	128	2772	0.05%	0.006%
80	7.173	7.162	7.188	VV	89	1109	0.02%	0.002%
81	7.213	7.188	7.221	VV	137	1707	0.03%	0.004%
82	7.256	7.221	7.331	VV	229	6749	0.13%	0.014%
83	7.339	7.331	7.355	PV	142	1317	0.03%	0.003%
84	7.401	7.355	7.425	VV	637	14984	0.29%	0.032%
85	7.447	7.425	7.491	VV	637	15545	0.30%	0.033%
86	7.521	7.491	7.558	VV	1017	24943	0.47%	0.053%
87	7.577	7.558	7.595	VV	544	10371	0.20%	0.022%
88	7.609	7.595	7.631	VV	751	12466	0.24%	0.026%
89	7.645	7.631	7.661	VV	706	9908	0.19%	0.021%

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90	7.673	7.661	7.702	VV	571	10453	0.20%	0.022%
91	7.708	7.702	7.829	VV	304	10353	0.20%	0.022%
92	7.851	7.829	7.864	PV	70	1231	0.02%	0.003%
93	7.913	7.864	7.946	VV	160	4562	0.09%	0.010%
94	8.251	8.228	8.302	VV	1579	61132	1.16%	0.129%
95	8.314	8.302	8.360	VV	1233	34624	0.66%	0.073%
96	8.380	8.360	8.456	VV	988	50135	0.95%	0.106%
97	8.499	8.456	8.518	VV	1440	34584	0.66%	0.073%
98	8.531	8.518	8.541	VV	1190	15125	0.29%	0.032%
99	8.556	8.541	8.608	VV	1505	34110	0.65%	0.072%
100	8.623	8.608	8.638	VV	673	9762	0.19%	0.021%
101	8.689	8.638	8.755	VV	1309	51936	0.99%	0.110%
102	8.777	8.755	8.795	VV	479	9015	0.17%	0.019%
103	8.809	8.795	8.830	VV	360	6343	0.12%	0.013%
104	8.975	8.965	9.111	VV	8466	378251	7.20%	0.800%
105	9.120	9.111	9.154	VV	2603	56164	1.07%	0.119%
106	9.172	9.154	9.190	VV	2850	46337	0.88%	0.098%
107	9.204	9.190	9.251	VV	2119	55710	1.06%	0.118%
108	9.309	9.251	9.365	VV	4636	117841	2.24%	0.249%
109	9.389	9.365	9.421	VV	1774	38454	0.73%	0.081%
110	9.435	9.421	9.528	VV	870	34079	0.65%	0.072%
111	9.549	9.528	9.578	VV	629	12419	0.24%	0.026%
112	9.589	9.578	9.621	VV	432	7470	0.14%	0.016%
113	9.644	9.621	9.665	VV	210	4170	0.08%	0.009%
114	9.686	9.665	9.699	VV	399	5911	0.11%	0.013%
115	9.708	9.699	9.751	VV	371	7251	0.14%	0.015%
116	9.791	9.751	9.828	VV	1230	29788	0.57%	0.063%
117	9.852	9.828	9.873	VV	772	15838	0.30%	0.033%
118	9.893	9.873	9.912	VV	1201	18051	0.34%	0.038%
119	9.933	9.912	9.975	VV	776	20997	0.40%	0.044%
120	10.007	9.975	10.040	VV	833	14946	0.28%	0.032%
121	10.068	10.040	10.158	VV	7447	231521	4.41%	0.490%
122	10.170	10.158	10.201	VV	2019	36852	0.70%	0.078%
123	10.209	10.201	10.318	VV	1003	47939	0.91%	0.101%
124	10.347	10.318	10.386	VV	760	18143	0.35%	0.038%
125	10.397	10.386	10.437	VV	260	4049	0.08%	0.009%
126	10.454	10.437	10.488	VV	144	1851	0.04%	0.004%
127	10.531	10.488	10.589	PV	935	26433	0.50%	0.056%
128	10.649	10.589	10.661	VV	526	16653	0.32%	0.035%
129	10.673	10.661	10.691	VV	461	6168	0.12%	0.013%
130	10.708	10.691	10.751	VV	575	12163	0.23%	0.026%
131	10.777	10.751	10.812	VV	504	11401	0.22%	0.024%
132	10.835	10.812	10.860	VV	676	12022	0.23%	0.025%
133	10.913	10.860	10.932	VV	1834	38201	0.73%	0.081%
134	10.948	10.932	10.964	VV	1092	16974	0.32%	0.036%
135	10.986	10.964	10.999	VV	1386	23289	0.44%	0.049%
136	11.019	10.999	11.072	VV	2399	50599	0.96%	0.107%
137	11.093	11.072	11.110	VV	611	10889	0.21%	0.023%
138	11.135	11.110	11.159	VV	1064	19125	0.36%	0.040%
139	11.192	11.159	11.250	VV	16764	326519	6.21%	0.691%
140	11.276	11.250	11.347	VV	3922	140654	2.68%	0.298%
141	11.357	11.347	11.461	VV	1262	39631	0.75%	0.084%

142	11.504	11.461	11.525	PV	534	12899	0.25%	0.027%
143	11.551	11.525	11.571	VV	1152	22349	0.43%	0.047%
144	11.596	11.571	11.605	VV	1546	23653	0.45%	0.050%
145	11.615	11.605	11.640	VV	1677	23709	0.45%	0.050%
146	11.662	11.640	11.691	VV	2050	37639	0.72%	0.080%
147	11.720	11.691	11.750	VV	2171	47961	0.91%	0.101%
148	11.772	11.750	11.801	VV	1641	36348	0.69%	0.077%
149	11.816	11.801	11.840	VV	1125	17391	0.33%	0.037%
150	11.862	11.840	11.888	VV	795	13618	0.26%	0.029%
151	11.942	11.888	11.982	VV	495336	5255112	100.00%	11.115%
152	11.997	11.982	12.015	VV	4310	65759	1.25%	0.139%
153	12.032	12.015	12.088	VV	4284	102833	1.96%	0.218%
154	12.108	12.088	12.129	VV	4690	67846	1.29%	0.144%
155	12.144	12.129	12.158	VV	2858	39063	0.74%	0.083%
156	12.176	12.158	12.259	VV	3770	78300	1.49%	0.166%
157	12.288	12.259	12.313	VV	975	16164	0.31%	0.034%
158	12.346	12.313	12.369	VV	1750	27169	0.52%	0.057%
159	12.413	12.369	12.444	VV	2688	72634	1.38%	0.154%
160	12.467	12.444	12.530	VV	6256	162125	3.09%	0.343%
161	12.553	12.530	12.604	VV	28417	391849	7.46%	0.829%
162	12.614	12.604	12.636	VV	2128	34167	0.65%	0.072%
163	12.649	12.636	12.706	VV	1293	44141	0.84%	0.093%
164	12.742	12.706	12.771	VV	1033	30638	0.58%	0.065%
165	12.789	12.771	12.841	VV	1198	33399	0.64%	0.071%
166	12.893	12.841	12.913	VV	3635	78835	1.50%	0.167%
167	12.932	12.913	12.983	VV	2789	65293	1.24%	0.138%
168	13.014	12.983	13.101	VV	41740	630767	12.00%	1.334%
169	13.112	13.101	13.148	VV	984	18596	0.35%	0.039%
170	13.171	13.148	13.188	VV	1266	20874	0.40%	0.044%
171	13.206	13.188	13.261	VV	1815	46210	0.88%	0.098%
172	13.314	13.261	13.350	VV	34573	514200	9.78%	1.088%
173	13.380	13.350	13.471	VV	266935	3346067	63.67%	7.077%
174	13.495	13.471	13.526	VV	1577	36437	0.69%	0.077%
175	13.547	13.526	13.575	VV	1394	29557	0.56%	0.063%
176	13.601	13.575	13.631	VV	5320	87877	1.67%	0.186%
177	13.641	13.631	13.689	VV	1646	39647	0.75%	0.084%
178	13.730	13.689	13.753	VV	1394	35073	0.67%	0.074%
179	13.785	13.753	13.848	VV	3490	81940	1.56%	0.173%
180	13.917	13.848	13.956	PV	4484	112667	2.14%	0.238%
181	13.972	13.956	13.994	VV	1211	19368	0.37%	0.041%
182	14.023	13.994	14.042	VV	2052	34391	0.65%	0.073%
183	14.062	14.042	14.074	VV	3107	43388	0.83%	0.092%
184	14.085	14.074	14.115	VV	2923	43956	0.84%	0.093%
185	14.162	14.115	14.171	VV	2272	50390	0.96%	0.107%
186	14.187	14.171	14.214	VV	2980	49327	0.94%	0.104%
187	14.234	14.214	14.272	VV	2675	44284	0.84%	0.094%
188	14.292	14.272	14.311	VV	523	8199	0.16%	0.017%
189	14.353	14.311	14.381	VV	852	24696	0.47%	0.052%
190	14.388	14.381	14.408	VV	693	7717	0.15%	0.016%
191	14.430	14.408	14.472	VV	624	12328	0.23%	0.026%
192	14.500	14.472	14.517	PV	943	14376	0.27%	0.030%
193	14.537	14.517	14.558	VV	1271	21439	0.41%	0.045%
194	14.574	14.558	14.590	VV	1001	14005	0.27%	0.030%

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195	14.615	14.590	14.664	VV	3540	73334	1.40%	0.155%
196	14.693	14.664	14.727	VV	3381	70373	1.34%	0.149%
197	14.758	14.727	14.771	VV	1695	37084	0.71%	0.078%
198	14.781	14.771	14.818	VV	1702	35956	0.68%	0.076%
199	14.849	14.818	14.867	VV	2665	57158	1.09%	0.121%
200	14.893	14.867	14.934	VV	4673	108935	2.07%	0.230%
201	14.978	14.934	15.038	VV	13217	256855	4.89%	0.543%
202	15.047	15.038	15.065	VV	1181	16042	0.31%	0.034%
203	15.091	15.065	15.155	VV	1826	43768	0.83%	0.093%
204	15.208	15.155	15.229	PV	18223	294841	5.61%	0.624%
205	15.248	15.229	15.343	VV	19468	440674	8.39%	0.932%
206	15.368	15.343	15.413	VV	3193	84228	1.60%	0.178%
207	15.437	15.413	15.474	VV	3911	69103	1.31%	0.146%
208	15.562	15.474	15.580	VV	2814	77470	1.47%	0.164%
209	15.629	15.580	15.661	VV	22343	477937	9.09%	1.011%
210	15.671	15.661	15.725	VV	5980	112008	2.13%	0.237%
211	15.760	15.725	15.770	VV	10682	150070	2.86%	0.317%
212	15.780	15.770	15.806	VV	10684	138723	2.64%	0.293%
213	15.835	15.806	15.865	VV	8165	135525	2.58%	0.287%
214	15.888	15.865	15.910	VV	4701	70512	1.34%	0.149%
215	15.928	15.910	15.961	VV	2338	48512	0.92%	0.103%
216	15.984	15.961	16.004	VV	1005	21933	0.42%	0.046%
217	16.029	16.004	16.097	VV	2158	80823	1.54%	0.171%
218	16.150	16.097	16.178	VV	1354	43510	0.83%	0.092%
219	16.218	16.178	16.246	VV	1370	38569	0.73%	0.082%
220	16.265	16.246	16.296	VV	2194	30981	0.59%	0.066%
221	16.327	16.296	16.367	VV	1609	31225	0.59%	0.066%
222	16.392	16.367	16.414	VV	424	8636	0.16%	0.018%
223	16.470	16.414	16.508	PV	698	19775	0.38%	0.042%
224	16.527	16.508	16.537	VV	720	8949	0.17%	0.019%
225	16.574	16.537	16.614	VV	2004	63149	1.20%	0.134%
226	16.643	16.614	16.684	VV	8730	167252	3.18%	0.354%
227	16.704	16.684	16.720	VV	1746	32025	0.61%	0.068%
228	16.777	16.720	16.799	VV	22717	434776	8.27%	0.920%
229	16.809	16.799	16.873	VV	10464	205686	3.91%	0.435%
230	16.912	16.873	16.998	VV	4571	111014	2.11%	0.235%
231	17.046	16.998	17.070	PV	1954	39678	0.76%	0.084%
232	17.101	17.070	17.140	VV	12639	220489	4.20%	0.466%
233	17.166	17.140	17.200	VV	15306	282406	5.37%	0.597%
234	17.210	17.200	17.237	VV	4381	67982	1.29%	0.144%
235	17.263	17.237	17.325	VV	11003	218424	4.16%	0.462%
236	17.405	17.325	17.448	VV	2686	81349	1.55%	0.172%
237	17.461	17.448	17.493	VV	1084	17124	0.33%	0.036%
238	17.587	17.493	17.635	PV	11460	286275	5.45%	0.606%
239	17.665	17.635	17.692	VV	8736	142712	2.72%	0.302%
240	17.707	17.692	17.730	VV	1602	26579	0.51%	0.056%
241	17.755	17.730	17.771	VV	1485	28087	0.53%	0.059%
242	17.791	17.771	17.811	VV	1304	25290	0.48%	0.053%
243	17.835	17.811	17.861	VV	1748	38461	0.73%	0.081%
244	17.889	17.861	17.921	VV	1458	30636	0.58%	0.065%
245	17.974	17.921	18.007	PV	1138	28157	0.54%	0.060%
246	18.037	18.007	18.050	VV	1440	23895	0.45%	0.051%

247	18.067	18.050	18.081	VV	1239	19548	0.37%	0.041%
248	18.111	18.081	18.151	VV	5553	112859	2.15%	0.239%
249	18.195	18.151	18.220	VV	3857	76962	1.46%	0.163%
250	18.254	18.220	18.269	VV	2040	45273	0.86%	0.096%
251	18.287	18.269	18.300	VV	1583	25760	0.49%	0.054%
252	18.340	18.300	18.363	VV	2423	69583	1.32%	0.147%
253	18.375	18.363	18.393	VV	1373	19961	0.38%	0.042%
254	18.429	18.393	18.443	VV	6743	102646	1.95%	0.217%
255	18.471	18.443	18.504	VV	22769	437888	8.33%	0.926%
256	18.529	18.504	18.544	VV	15056	233335	4.44%	0.494%
257	18.556	18.544	18.615	VV	10963	278034	5.29%	0.588%
258	18.623	18.615	18.670	VV	3419	80435	1.53%	0.170%
259	18.694	18.670	18.711	VV	3959	62219	1.18%	0.132%
260	18.723	18.711	18.775	VV	2100	51587	0.98%	0.109%
261	18.811	18.775	18.864	VV	9492	190191	3.62%	0.402%
262	18.934	18.864	18.998	VV	10200	282796	5.38%	0.598%
263	19.041	18.998	19.110	VV	5232	172485	3.28%	0.365%
264	19.136	19.110	19.161	VV	3387	66180	1.26%	0.140%
265	19.223	19.161	19.241	VV	3951	88426	1.68%	0.187%
266	19.301	19.241	19.386	VV	31673	923315	17.57%	1.953%
267	19.434	19.386	19.459	VV	13310	335266	6.38%	0.709%
268	19.484	19.459	19.525	VV	5875	176098	3.35%	0.372%
269	19.581	19.525	19.618	VV	6654	237200	4.51%	0.502%
270	19.641	19.618	19.668	VV	5497	115353	2.20%	0.244%
271	19.725	19.668	19.742	VV	7041	197751	3.76%	0.418%
272	19.754	19.742	19.768	VV	5015	73300	1.39%	0.155%
273	19.796	19.768	19.818	VV	25687	451271	8.59%	0.954%
274	19.837	19.818	19.871	VV	13809	320144	6.09%	0.677%
275	19.912	19.871	19.934	VV	7694	231454	4.40%	0.490%
276	19.994	19.934	20.016	VV	26626	651108	12.39%	1.377%
277	20.030	20.016	20.047	VV	13941	232649	4.43%	0.492%
278	20.096	20.047	20.117	VV	14605	557944	10.62%	1.180%
279	20.131	20.117	20.163	VV	12987	319018	6.07%	0.675%
280	20.203	20.163	20.222	VV	10930	373194	7.10%	0.789%
281	20.288	20.222	20.305	VV	12154	553354	10.53%	1.170%
282	20.388	20.305	20.411	VV	15386	863933	16.44%	1.827%
283	20.469	20.411	20.485	VV	17068	683829	13.01%	1.446%
284	20.585	20.485	20.601	VV	17695	1158663	22.05%	2.451%
285	20.638	20.601	20.646	VV	19119	497480	9.47%	1.052%
286	20.698	20.646	20.710	VV	20626	746746	14.21%	1.579%
287	20.715	20.710	20.723	VV	20107	156411	2.98%	0.331%
288	20.728	20.723	20.738	VV	19926	181519	3.45%	0.384%
289	20.858	20.738	20.905	VV	24159	2229945	42.43%	4.717%
290	20.945	20.905	20.955	VV	23111	699648	13.31%	1.480%
291	20.997	20.955	21.100	VV	24227	1938114	36.88%	4.099%
292	21.146	21.100	21.191	VV	22220	1134999	21.60%	2.401%
293	21.215	21.191	21.265	VV	19142	788230	15.00%	1.667%
294	21.341	21.265	21.358	VV	17075	951472	18.11%	2.012%
295	21.369	21.358	21.374	VV	16460	155738	2.96%	0.329%
296	21.441	21.374	21.542	VV	17394	1657392	31.54%	3.506%
297	21.557	21.542	21.581	VV	15172	350196	6.66%	0.741%
298	21.642	21.581	21.655	VV	15131	652218	12.41%	1.380%
299	21.659	21.655	21.678	VV	14685	201246	3.83%	0.426%

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300	21.726	21.678	21.818	VV	14214	1095965	20.86%	2.318%
301	21.829	21.818	21.834	VV	10466	102499	1.95%	0.217%
302	21.849	21.834	21.861	VV	10426	167346	3.18%	0.354%
303	21.899	21.861	21.978	VV	10496	677610	12.89%	1.433%
304	21.991	21.978	22.058	VV	8230	349202	6.64%	0.739%
305	22.070	22.058	22.087	VV	6584	111482	2.12%	0.236%
306	22.096	22.087	22.117	VV	6232	109456	2.08%	0.232%
307	22.138	22.117	22.267	VV	5711	372169	7.08%	0.787%
308	22.279	22.267	22.298	VV	2561	45668	0.87%	0.097%
309	22.311	22.298	22.337	VV	2071	42296	0.80%	0.089%
310	22.358	22.337	22.398	VV	1468	45938	0.87%	0.097%
311	22.424	22.398	22.442	VV	792	19216	0.37%	0.041%
312	22.450	22.442	22.478	VV	481	5581	0.11%	0.012%

Sum of corrected areas: 47278556

Aliphatic EPH 103025.M Fri Nov 28 20:59:04 2025

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-16B			SDG No.:	Q3719
Lab Sample ID:	Q3719-12			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	90.7
Sample Wt/Vol:	30.01 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	23.0		1	1.30	2.20	mg/kg	FE057072.D	11/27/25 6:14	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	3.47	J	1	1.00	4.41	mg/kg	FE057072.D	11/27/25 6:14	PB170736
Total AliphaticEPH	Total AliphaticEPH	26.5			2.30	6.61	mg/kg			
Total EPH	Total EPH	26.5			2.30	6.61	mg/kg			

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

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

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

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-16B			SDG No.:	Q3719
Lab Sample ID:	Q3719-12			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	90.7
Sample Wt/Vol:	30.01 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	3.47	J	1	1.00	4.41	mg/kg	11/27/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	23.0		1	1.30	2.20	mg/kg	11/27/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	17.9			40 - 140	36%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	21.8			40 - 140	44%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3719-12	Acq On:	27 Nov 2025 06:14
Client Sample ID:	SB-1125-16B	Operator:	YP\AJ
Data file:	FE057072.D	Misc:	
Instrument:	FID_E	ALS Vial:	39
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.202	6.826	371350	2.17	300	ug/ml
Aliphatic C12-C16	6.827	10.271	524465	2.934	200	ug/ml
Aliphatic C16-C21	10.272	13.644	5525294	29.625	300	ug/ml
Aliphatic C21-C28	13.645	17.314	2399689	12.449	400	ug/ml
Aliphatic C28-C40	17.315	22.241	49873700	313.052	600	ug/ml
Aliphatic EPH	3.202	22.241	58694498	360.229		ug/ml
ortho-Terphenyl (SURR)	11.942	11.942	4549515	21.78		ug/ml
1-chlorooctadecane (SURR)	13.379	13.379	2886569	17.92		ug/ml
Aliphatic C9-C28	3.202	17.314	8820798	47.178	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057072.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 06:14
Operator : YP\AJ
Sample : Q3719-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-16B

Integration File: sample.E
Quant Time: Nov 28 19:49:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.942	4549515	21.777 ug/ml
Spiked Amount 50.000		Recovery = 43.55%	
12) S 1-chlorooctadecane (S...	13.379	2886569	17.916 ug/ml
Spiked Amount 50.000		Recovery = 35.83%	
Target Compounds			

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

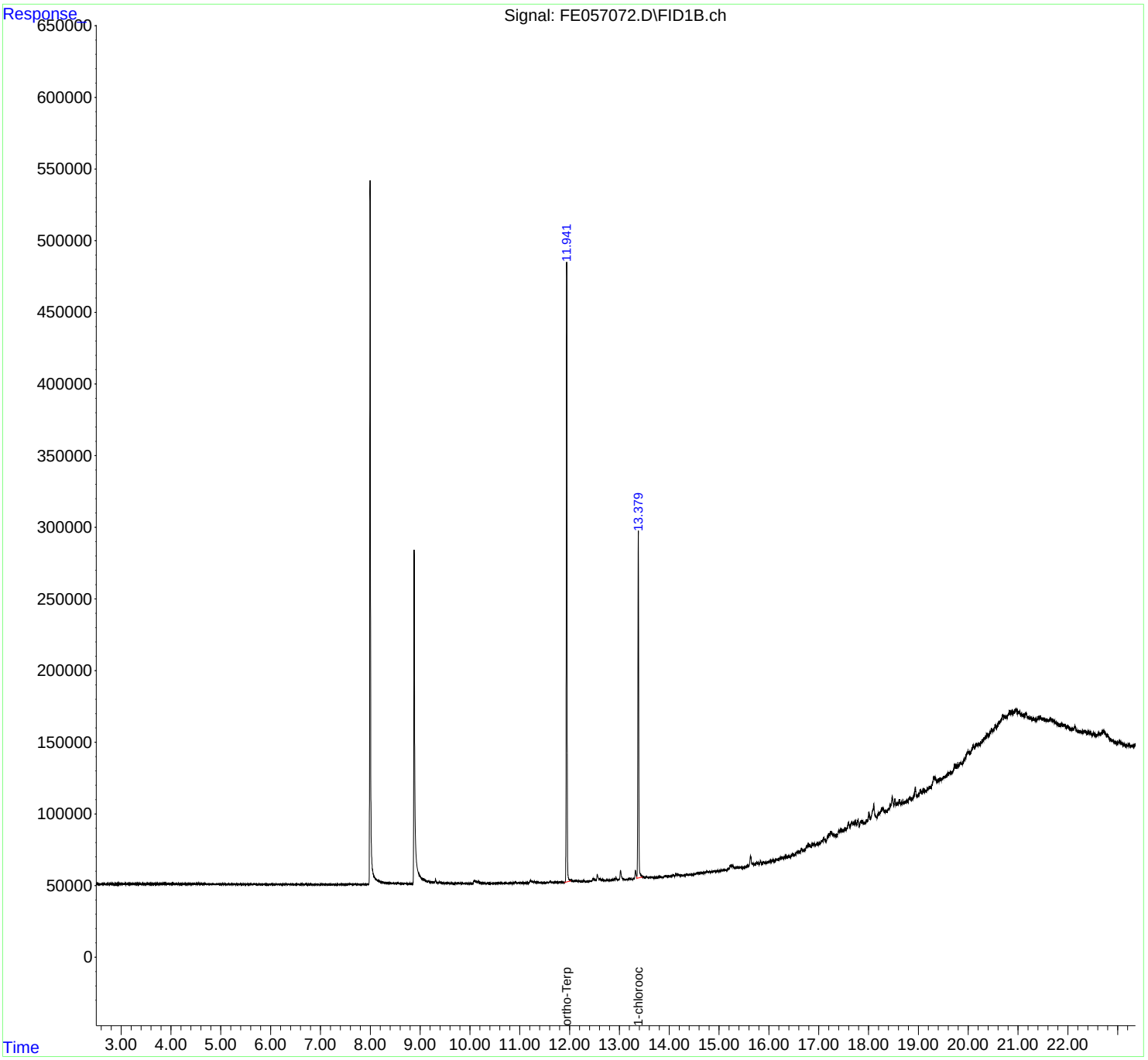
Quantitation Report (QT Reviewed)

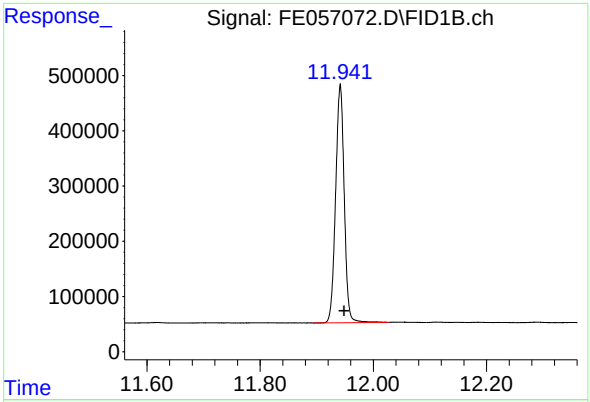
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057072.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 06:14
Operator : YP\AJ
Sample : Q3719-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-16B

Integration File: sample.E
Quant Time: Nov 28 19:49:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

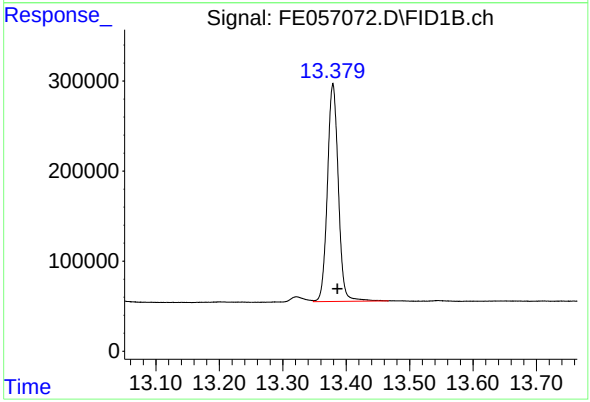




#9 ortho-Terphenyl (SURR)

R.T.: 11.942 min
Delta R.T.: -0.007 min
Response: 4549515
Conc: 21.78 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-16B



#12 1-chlorooctadecane (SURR)

R.T.: 13.379 min
Delta R.T.: -0.007 min
Response: 2886569
Conc: 17.92 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057072.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 06:14
Sample : Q3719-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	2.657	2.524	2.672	BV	120	629	0.01%	0.001%
2	2.682	2.672	2.712	VV	68	945	0.02%	0.002%
3	2.737	2.712	2.797	PV	193	4333	0.07%	0.007%
4	2.812	2.797	2.891	VV	129	4845	0.08%	0.008%
5	2.896	2.891	2.903	VV	105	532	0.01%	0.001%
6	2.915	2.903	2.923	VV	144	1068	0.02%	0.002%
7	2.932	2.923	2.948	VV	156	1675	0.03%	0.003%
8	2.955	2.948	2.995	VV	157	3627	0.06%	0.006%
9	3.009	2.995	3.035	VV	180	3255	0.05%	0.005%
10	3.101	3.035	3.138	VV	269	10206	0.16%	0.016%
11	3.148	3.138	3.181	VV	218	4213	0.07%	0.007%
12	3.191	3.181	3.200	VV	210	1814	0.03%	0.003%
13	3.226	3.200	3.245	VV	211	4665	0.07%	0.008%
14	3.262	3.245	3.272	VV	210	2936	0.05%	0.005%
15	3.281	3.272	3.341	VV	246	8364	0.13%	0.013%
16	3.355	3.341	3.378	VV	247	4669	0.07%	0.008%
17	3.404	3.378	3.431	VV	239	6511	0.10%	0.011%
18	3.439	3.431	3.458	VV	288	3433	0.06%	0.006%
19	3.473	3.458	3.485	VV	259	3485	0.06%	0.006%
20	3.518	3.485	3.528	VV	264	5759	0.09%	0.009%
21	3.543	3.528	3.571	VV	287	6605	0.11%	0.011%
22	3.590	3.571	3.611	VV	263	5761	0.09%	0.009%
23	3.637	3.611	3.670	VV	294	9157	0.15%	0.015%
24	3.694	3.670	3.708	VV	283	5316	0.09%	0.009%
25	3.718	3.708	3.727	VV	237	2489	0.04%	0.004%
26	3.755	3.727	3.766	VV	307	5879	0.09%	0.009%
27	3.773	3.766	3.781	VV	255	2337	0.04%	0.004%
28	3.786	3.781	3.791	VV	281	1606	0.03%	0.003%
29	3.826	3.791	3.888	VV	328	14667	0.24%	0.024%
30	3.904	3.888	3.919	VV	279	4931	0.08%	0.008%
31	3.928	3.919	3.938	VV	276	2890	0.05%	0.005%
32	3.941	3.938	3.971	VV	288	4773	0.08%	0.008%
33	4.002	3.971	4.036	VV	345	10789	0.17%	0.017%
34	4.110	4.036	4.154	VV	328	18047	0.29%	0.029%
35	4.164	4.154	4.175	VV	257	2847	0.05%	0.005%
36	4.187	4.175	4.201	VV	289	3683	0.06%	0.006%

rteres

37	4.205	4.201	4.282	VV	286	11468	0.18%	0.018%
38	4.296	4.282	4.307	VV	305	3883	0.06%	0.006%
39	4.315	4.307	4.331	VV	314	3507	0.06%	0.006%
40	4.347	4.331	4.411	VV	266	11765	0.19%	0.019%
41	4.426	4.411	4.484	VV	308	10326	0.17%	0.017%
42	4.492	4.484	4.508	VV	281	3303	0.05%	0.005%
43	4.556	4.508	4.602	VV	400	16195	0.26%	0.026%
44	4.613	4.602	4.624	VV	282	3251	0.05%	0.005%
45	4.634	4.624	4.651	VV	276	4028	0.06%	0.006%
46	4.664	4.651	4.718	VV	276	8557	0.14%	0.014%
47	4.744	4.718	4.761	VV	258	4716	0.08%	0.008%
48	4.777	4.761	4.822	VV	197	5752	0.09%	0.009%
49	4.833	4.822	4.848	VV	208	2568	0.04%	0.004%
50	4.872	4.848	4.906	VV	227	6705	0.11%	0.011%
51	4.921	4.906	4.965	VV	245	6735	0.11%	0.011%
52	4.981	4.965	4.993	VV	154	2856	0.05%	0.005%
53	5.009	4.993	5.022	VV	210	2624	0.04%	0.004%
54	5.031	5.022	5.040	VV	155	1419	0.02%	0.002%
55	5.062	5.040	5.099	VV	179	5278	0.08%	0.009%
56	5.111	5.099	5.136	VV	240	3100	0.05%	0.005%
57	5.142	5.136	5.188	VV	140	3081	0.05%	0.005%
58	5.192	5.188	5.213	VV	136	1489	0.02%	0.002%
59	5.222	5.213	5.238	VV	166	1453	0.02%	0.002%
60	5.249	5.238	5.273	VV	96	1834	0.03%	0.003%
61	5.287	5.273	5.358	VV	139	4082	0.07%	0.007%
62	5.362	5.358	5.372	VV	139	796	0.01%	0.001%
63	5.380	5.372	5.428	VV	164	2526	0.04%	0.004%
64	5.434	5.428	5.570	VV	85	6359	0.10%	0.010%
65	5.584	5.570	5.624	VV	107	2452	0.04%	0.004%
66	5.639	5.624	5.662	PV	97	1551	0.02%	0.003%
67	5.695	5.662	5.794	VV	260	7896	0.13%	0.013%
68	5.817	5.794	5.871	VV	177	5331	0.09%	0.009%
69	5.920	5.871	5.957	VV	278	6236	0.10%	0.010%
70	5.993	5.957	6.091	VV	239	8883	0.14%	0.014%
71	6.111	6.091	6.141	PV	103	1482	0.02%	0.002%
72	6.171	6.141	6.193	VV	145	2011	0.03%	0.003%
73	6.228	6.193	6.257	VV	166	3180	0.05%	0.005%
74	6.323	6.257	6.404	VV	282	14087	0.23%	0.023%
75	6.433	6.404	6.490	VV	297	7509	0.12%	0.012%
76	6.509	6.490	6.584	VV	156	5558	0.09%	0.009%
77	6.624	6.584	6.670	VV	209	6612	0.11%	0.011%
78	6.727	6.670	6.932	VV	263	17307	0.28%	0.028%
79	6.946	6.932	7.038	VV	102	3458	0.06%	0.006%
80	7.054	7.038	7.095	VV	131	1763	0.03%	0.003%
81	7.129	7.095	7.161	PV	101	2703	0.04%	0.004%
82	7.188	7.161	7.208	VV	64	2047	0.03%	0.003%
83	7.232	7.208	7.248	VV	99	1908	0.03%	0.003%
84	7.299	7.248	7.321	VV	158	4231	0.07%	0.007%
85	7.351	7.321	7.388	VV	143	4192	0.07%	0.007%
86	7.449	7.388	7.494	VV	301	9763	0.16%	0.016%
87	7.577	7.494	7.644	VV	256	15293	0.25%	0.025%
88	7.676	7.644	7.796	VV	332	11257	0.18%	0.018%
89	7.855	7.796	7.884	VV	108	2897	0.05%	0.005%

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90	7.897	7.884	7.918	PV	90	688	0.01%	0.001%
91	8.469	8.438	8.521	VV	783	36196	0.58%	0.058%
92	8.559	8.521	8.638	VV	946	41987	0.67%	0.068%
93	8.696	8.638	8.754	VV	705	30629	0.49%	0.049%
94	8.774	8.754	8.854	VV	324	12609	0.20%	0.020%
95	9.309	9.281	9.363	VV	2899	68952	1.11%	0.111%
96	9.389	9.363	9.530	VV	1353	67127	1.08%	0.108%
97	9.561	9.530	9.650	VV	453	23775	0.38%	0.038%
98	9.803	9.650	9.844	VV	481	30996	0.50%	0.050%
99	9.850	9.844	9.881	VV	326	6050	0.10%	0.010%
100	9.897	9.881	9.989	VV	365	13942	0.22%	0.022%
101	10.007	9.989	10.041	VV	295	4258	0.07%	0.007%
102	10.089	10.041	10.154	VV	1929	76853	1.23%	0.124%
103	10.170	10.154	10.344	VV	1409	50891	0.82%	0.082%
104	10.348	10.344	10.394	VV	253	3747	0.06%	0.006%
105	10.404	10.394	10.438	VV	109	2147	0.03%	0.003%
106	10.445	10.438	10.461	VV	104	876	0.01%	0.001%
107	10.559	10.461	10.594	PV	377	15458	0.25%	0.025%
108	10.643	10.594	10.675	VV	212	8570	0.14%	0.014%
109	10.707	10.675	10.744	VV	171	5095	0.08%	0.008%
110	10.788	10.744	10.818	VV	159	5363	0.09%	0.009%
111	10.837	10.818	10.858	VV	352	5752	0.09%	0.009%
112	10.912	10.858	10.941	VV	885	19230	0.31%	0.031%
113	10.985	10.941	11.008	VV	459	11291	0.18%	0.018%
114	11.023	11.008	11.077	VV	339	9970	0.16%	0.016%
115	11.132	11.077	11.181	VV	451	12050	0.19%	0.019%
116	11.212	11.181	11.277	PV	1710	60132	0.97%	0.097%
117	11.298	11.277	11.474	VV	838	47083	0.76%	0.076%
118	11.550	11.474	11.573	VV	550	10998	0.18%	0.018%
119	11.617	11.573	11.661	VV	978	20810	0.33%	0.034%
120	11.713	11.661	11.761	VV	376	13776	0.22%	0.022%
121	11.813	11.761	11.880	VV	323	12716	0.20%	0.021%
122	11.941	11.880	12.028	PV	429771	4590822	73.68%	7.404%
123	12.046	12.028	12.094	VV	1156	36487	0.59%	0.059%
124	12.113	12.094	12.165	VV	1158	32585	0.52%	0.053%
125	12.185	12.165	12.258	VV	835	22502	0.36%	0.036%
126	12.289	12.258	12.323	VV	955	14129	0.23%	0.023%
127	12.350	12.323	12.368	VV	172	1633	0.03%	0.003%
128	12.474	12.368	12.531	PV	1908	65405	1.05%	0.105%
129	12.557	12.531	12.661	VV	4433	124312	2.00%	0.200%
130	12.671	12.661	12.724	VV	765	19129	0.31%	0.031%
131	12.747	12.724	12.767	VV	518	9668	0.16%	0.016%
132	12.797	12.767	12.844	VV	371	11393	0.18%	0.018%
133	12.932	12.844	12.984	PV	1368	49427	0.79%	0.080%
134	13.024	12.984	13.131	VV	6539	135990	2.18%	0.219%
135	13.202	13.131	13.254	VV	552	15955	0.26%	0.026%
136	13.323	13.254	13.348	PV	5770	97516	1.56%	0.157%
137	13.379	13.348	13.510	VV	241204	2973270	47.72%	4.795%
138	13.545	13.510	13.579	VV	1277	33277	0.53%	0.054%
139	13.650	13.579	13.692	VV	612	31560	0.51%	0.051%
140	13.711	13.692	13.754	VV	472	9940	0.16%	0.016%
141	13.806	13.754	13.869	VV	607	25034	0.40%	0.040%

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142	13.933	13.869	14.001	PV	892	35556	0.57%	0.057%
143	14.081	14.001	14.111	VV	1076	31474	0.51%	0.051%
144	14.135	14.111	14.171	VV	1530	35155	0.56%	0.057%
145	14.189	14.171	14.221	VV	1238	21658	0.35%	0.035%
146	14.242	14.221	14.271	VV	549	11204	0.18%	0.018%
147	14.293	14.271	14.314	VV	312	6001	0.10%	0.010%
148	14.351	14.314	14.381	PV	625	12934	0.21%	0.021%
149	14.410	14.381	14.471	VV	552	15090	0.24%	0.024%
150	14.574	14.471	14.603	PV	984	37556	0.60%	0.061%
151	14.644	14.603	14.678	VV	851	20939	0.34%	0.034%
152	14.700	14.678	14.718	VV	842	12328	0.20%	0.020%
153	14.760	14.718	14.781	VV	1304	28039	0.45%	0.045%
154	14.812	14.781	14.831	VV	722	15154	0.24%	0.024%
155	14.901	14.831	14.930	VV	859	24754	0.40%	0.040%
156	15.108	14.930	15.145	VV	530	50000	0.80%	0.081%
157	15.259	15.145	15.314	PV	3147	168818	2.71%	0.272%
158	15.341	15.314	15.398	VV	1386	45166	0.72%	0.073%
159	15.447	15.398	15.468	VV	606	20225	0.32%	0.033%
160	15.490	15.468	15.521	VV	337	7153	0.11%	0.012%
161	15.575	15.521	15.591	PV	814	20369	0.33%	0.033%
162	15.631	15.591	15.701	VV	7408	176909	2.84%	0.285%
163	15.762	15.701	15.811	VV	1692	62353	1.00%	0.101%
164	15.834	15.811	15.870	VV	2627	38326	0.62%	0.062%
165	15.898	15.870	15.921	VV	1390	23358	0.37%	0.038%
166	15.938	15.921	15.958	VV	714	7748	0.12%	0.012%
167	16.080	15.958	16.121	PV	1179	50298	0.81%	0.081%
168	16.158	16.121	16.180	PV	675	19444	0.31%	0.031%
169	16.270	16.180	16.290	VV	1310	54560	0.88%	0.088%
170	16.342	16.290	16.368	VV	1292	45033	0.72%	0.073%
171	16.410	16.368	16.438	VV	644	21160	0.34%	0.034%
172	16.470	16.438	16.504	PV	1711	37795	0.61%	0.061%
173	16.566	16.504	16.624	PV	1923	68971	1.11%	0.111%
174	16.652	16.624	16.692	VV	2368	62892	1.01%	0.101%
175	16.787	16.692	16.851	VV	4745	206938	3.32%	0.334%
176	16.870	16.851	16.938	VV	2988	103379	1.66%	0.167%
177	16.972	16.938	17.001	VV	1886	60313	0.97%	0.097%
178	17.105	17.001	17.148	VV	4368	177345	2.85%	0.286%
179	17.242	17.148	17.374	VV	6639	496760	7.97%	0.801%
180	17.405	17.374	17.422	VV	5222	110491	1.77%	0.178%
181	17.441	17.422	17.488	VV	4969	160087	2.57%	0.258%
182	17.534	17.488	17.551	VV	4854	153784	2.47%	0.248%
183	17.596	17.551	17.628	VV	7854	249172	4.00%	0.402%
184	17.664	17.628	17.686	VV	7639	212760	3.41%	0.343%
185	17.703	17.686	17.724	VV	6955	131512	2.11%	0.212%
186	17.740	17.724	17.761	VV	7199	123151	1.98%	0.199%
187	17.787	17.761	17.814	VV	6892	162381	2.61%	0.262%
188	17.875	17.814	17.907	VV	4979	231563	3.72%	0.373%
189	18.007	17.907	18.037	VV	8413	358463	5.75%	0.578%
190	18.104	18.037	18.171	VV	13739	562298	9.02%	0.907%
191	18.272	18.171	18.330	VV	8562	588390	9.44%	0.949%
192	18.348	18.330	18.365	VV	6273	108130	1.74%	0.174%
193	18.475	18.365	18.508	VV	14124	689117	11.06%	1.111%
194	18.528	18.508	18.551	VV	10954	232132	3.73%	0.374%

rteres

195	18.622	18.551	18.641	VV	9487	404277	6.49%	0.652%
196	18.689	18.641	18.711	VV	8073	267287	4.29%	0.431%
197	18.769	18.711	18.788	VV	6596	283607	4.55%	0.457%
198	18.823	18.788	18.859	VV	7994	303939	4.88%	0.490%
199	18.939	18.859	18.991	VV	13115	649201	10.42%	1.047%
200	19.044	18.991	19.068	VV	10459	388632	6.24%	0.627%
201	19.118	19.068	19.158	VV	10102	469561	7.54%	0.757%
202	19.228	19.158	19.248	VV	10018	484894	7.78%	0.782%
203	19.309	19.248	19.370	VV	15994	934970	15.00%	1.508%
204	19.438	19.370	19.458	VV	13149	628778	10.09%	1.014%
205	19.853	19.458	19.880	VV	18366	3735208	59.94%	6.024%
206	19.996	19.880	20.051	VV	23960	2148560	34.48%	3.465%
207	20.103	20.051	20.124	VV	27142	1082493	17.37%	1.746%
208	20.166	20.124	20.201	VV	27154	1191757	19.13%	1.922%
209	20.376	20.201	20.404	VV	31283	3369882	54.08%	5.435%
210	20.470	20.404	20.494	VV	33111	1672168	26.84%	2.697%
211	20.543	20.494	20.568	VV	34673	1447063	23.22%	2.334%
212	20.829	20.568	20.849	VV	40713	6231098	100.00%	10.049%
213	20.886	20.849	20.921	VV	39044	1661859	26.67%	2.680%
214	20.957	20.921	21.028	VV	39525	2443063	39.21%	3.940%
215	21.035	21.028	21.138	VV	37708	2264377	36.34%	3.652%
216	21.160	21.138	21.191	VV	34423	1055859	16.94%	1.703%
217	21.212	21.191	21.241	VV	31161	900642	14.45%	1.452%
218	21.257	21.241	21.284	VV	30104	766672	12.30%	1.236%
219	21.307	21.284	21.348	VV	29085	1060146	17.01%	1.710%
220	21.365	21.348	21.380	VV	28586	519279	8.33%	0.837%
221	21.449	21.380	21.491	VV	27609	1796058	28.82%	2.896%
222	21.500	21.491	21.571	VV	25399	1174113	18.84%	1.893%
223	21.585	21.571	21.617	VV	23627	638925	10.25%	1.030%
224	21.655	21.617	21.818	VV	23550	2485350	39.89%	4.008%
225	21.868	21.818	22.054	VV	17009	2044612	32.81%	3.297%
226	22.076	22.054	22.121	VV	10998	410431	6.59%	0.662%
227	22.143	22.121	22.327	VV	11495	885508	14.21%	1.428%
228	22.338	22.327	22.395	VV	5873	168472	2.70%	0.272%
229	22.415	22.395	22.494	VV	3639	135310	2.17%	0.218%

Sum of corrected areas: 62008692

Aliphatic EPH 103025.M Fri Nov 28 20:59:27 2025

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-17A			SDG No.:	Q3719
Lab Sample ID:	Q3719-13			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	86.3
Sample Wt/Vol:	30.07 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	40.6		1	1.36	2.31	mg/kg	FE057073.D	11/27/25 6:44	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	4.86		1	1.05	4.63	mg/kg	FE057073.D	11/27/25 6:44	PB170736
Total AliphaticEPH	Total AliphaticEPH	45.5			2.41	6.94	mg/kg			
Total EPH	Total EPH	45.5			2.41	6.94	mg/kg			

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

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

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

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-17A			SDG No.:	Q3719
Lab Sample ID:	Q3719-13			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	86.3
Sample Wt/Vol:	30.07 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	4.86		1	1.05	4.63	mg/kg	11/27/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	40.6		1	1.36	2.31	mg/kg	11/27/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	19.2			40 - 140	38%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	21.9			40 - 140	44%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3719-13	Acq On:	27 Nov 2025 06:44
Client Sample ID:	SB-1125-17A	Operator:	YP\AJ
Data file:	FE057073.D	Misc:	
Instrument:	FID_E	ALS Vial:	40
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.202	6.826	497947	2.909	300	ug/ml
Aliphatic C12-C16	6.827	10.271	1796404	10.05	200	ug/ml
Aliphatic C16-C21	10.272	13.644	3819611	20.48	300	ug/ml
Aliphatic C21-C28	13.645	17.314	5698446	29.561	400	ug/ml
Aliphatic C28-C40	17.315	22.241	83881596	526.515	600	ug/ml
Aliphatic EPH	3.202	22.241	95694004	589.515		ug/ml
ortho-Terphenyl (SURR)	11.942	11.942	4569000	21.87		ug/ml
1-chlorooctadecane (SURR)	13.380	13.380	3090115	19.18		ug/ml
Aliphatic C9-C28	3.202	17.314	11812408	63	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057073.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 06:44
Operator : YP\AJ
Sample : Q3719-13
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-17A

Integration File: sample.E
Quant Time: Nov 28 19:49:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.942	4569000	21.870 ug/ml
Spiked Amount 50.000		Recovery = 43.74%	
12) S 1-chlorooctadecane (S...	13.380	3090115	19.179 ug/ml
Spiked Amount 50.000		Recovery = 38.36%	
Target Compounds			

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

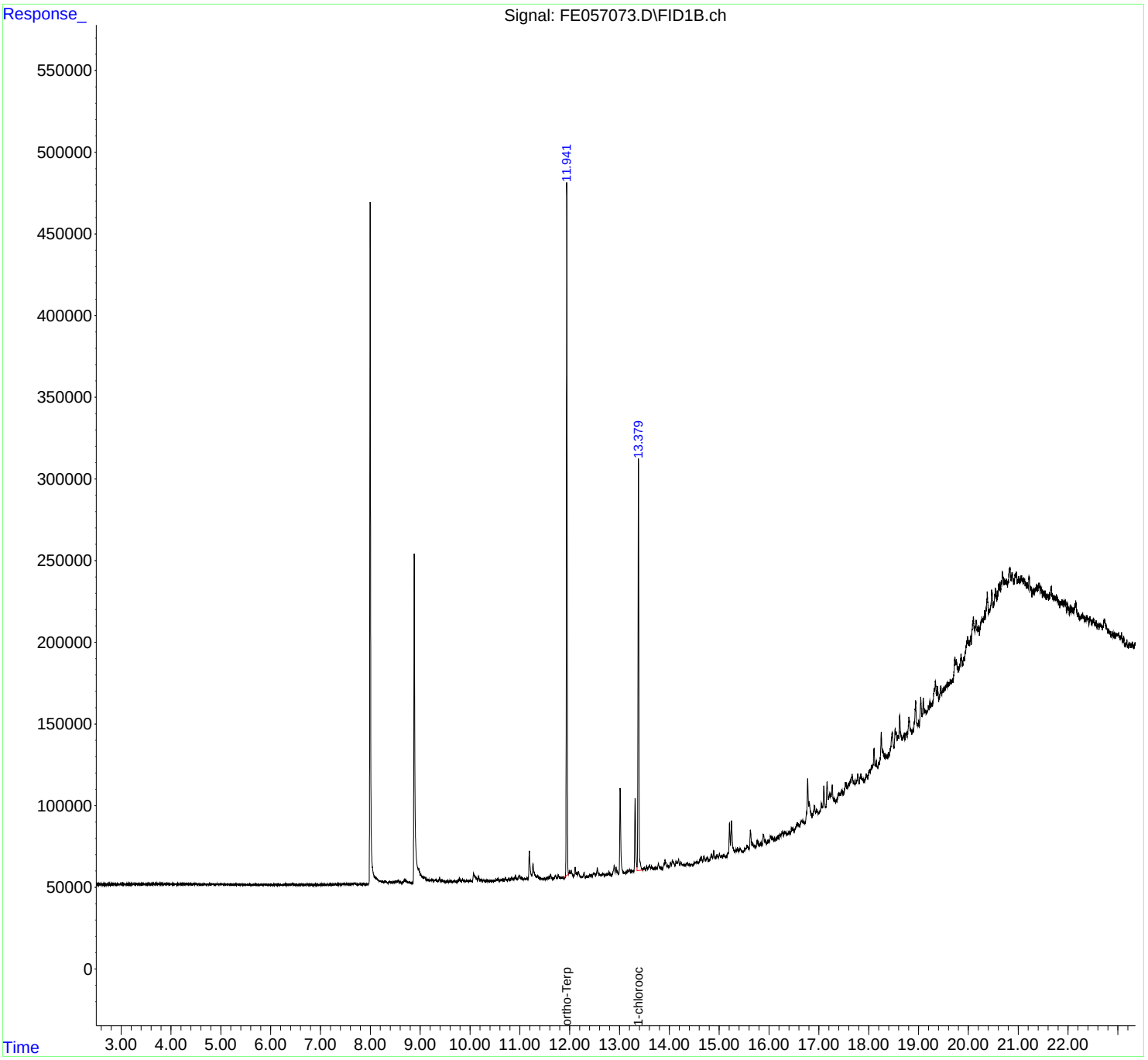
Quantitation Report (QT Reviewed)

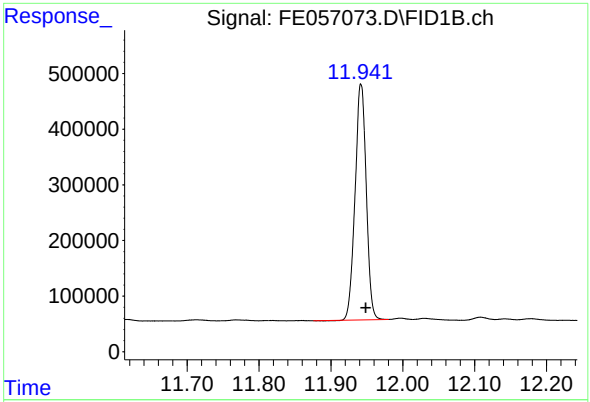
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057073.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 06:44
Operator : YP\AJ
Sample : Q3719-13
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-17A

Integration File: sample.E
Quant Time: Nov 28 19:49:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

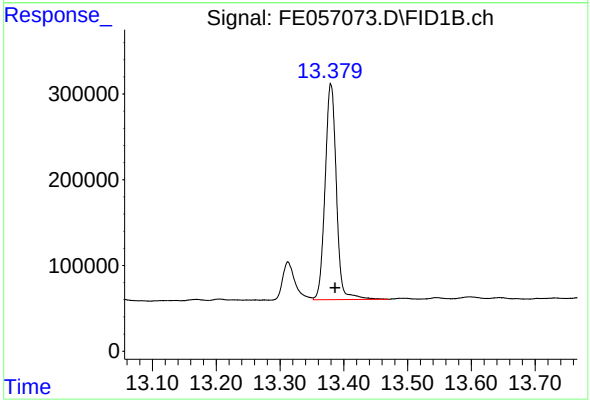




#9 ortho-Terphenyl (SURR)

R.T.: 11.942 min
Delta R.T.: -0.007 min
Response: 4569000
Conc: 21.87 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-17A



#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: -0.006 min
Response: 3090115
Conc: 19.18 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057073.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 06:44
Sample : Q3719-13
Misc :
ALS Vial : 40 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	2.525	2.601	BV	27	296	0.01%	0.000%
2	2.609	2.601	2.621	PV	47	672	0.01%	0.001%
3	2.633	2.621	2.657	VV	77	1564	0.03%	0.001%
4	2.673	2.657	2.704	VV	131	2073	0.04%	0.002%
5	2.735	2.704	2.751	VV	198	3609	0.08%	0.003%
6	2.823	2.751	2.918	VV	252	18225	0.39%	0.017%
7	2.932	2.918	2.951	VV	245	3805	0.08%	0.004%
8	2.959	2.951	2.981	VV	203	3150	0.07%	0.003%
9	2.997	2.981	3.028	VV	287	5497	0.12%	0.005%
10	3.034	3.028	3.058	VV	242	3202	0.07%	0.003%
11	3.078	3.058	3.090	VV	258	4027	0.09%	0.004%
12	3.112	3.090	3.145	VV	259	6898	0.15%	0.007%
13	3.151	3.145	3.191	VV	294	5719	0.12%	0.005%
14	3.199	3.191	3.207	VV	234	1824	0.04%	0.002%
15	3.226	3.207	3.240	VV	285	4312	0.09%	0.004%
16	3.251	3.240	3.261	VV	275	2943	0.06%	0.003%
17	3.294	3.261	3.351	VV	287	13836	0.30%	0.013%
18	3.358	3.351	3.428	VV	300	13025	0.28%	0.012%
19	3.437	3.428	3.488	VV	400	11322	0.24%	0.011%
20	3.496	3.488	3.508	VV	320	3905	0.08%	0.004%
21	3.514	3.508	3.529	VV	354	4415	0.09%	0.004%
22	3.538	3.529	3.555	VV	380	5273	0.11%	0.005%
23	3.562	3.555	3.597	VV	346	7287	0.16%	0.007%
24	3.612	3.597	3.622	VV	366	4693	0.10%	0.004%
25	3.647	3.622	3.681	VV	467	12908	0.28%	0.012%
26	3.694	3.681	3.728	VV	375	9171	0.20%	0.009%
27	3.763	3.728	3.778	VV	418	11245	0.24%	0.011%
28	3.804	3.778	3.838	VV	471	14534	0.31%	0.014%
29	3.848	3.838	3.854	VV	379	3457	0.07%	0.003%
30	3.880	3.854	3.912	VV	406	12025	0.26%	0.012%
31	3.929	3.912	3.960	VV	428	9641	0.21%	0.009%
32	3.971	3.960	4.011	VV	387	10331	0.22%	0.010%
33	4.015	4.011	4.026	VV	387	3134	0.07%	0.003%
34	4.034	4.026	4.041	VV	387	3132	0.07%	0.003%
35	4.050	4.041	4.066	VV	333	5127	0.11%	0.005%
36	4.082	4.066	4.195	VV	404	25407	0.55%	0.024%

rteres

37	4.205	4.195	4.234	VV	331	6862	0.15%	0.007%
38	4.262	4.234	4.308	VV	385	14072	0.30%	0.013%
39	4.317	4.308	4.352	VV	437	9231	0.20%	0.009%
40	4.378	4.352	4.398	VV	395	9574	0.21%	0.009%
41	4.421	4.398	4.431	VV	407	6907	0.15%	0.007%
42	4.439	4.431	4.474	VV	345	8277	0.18%	0.008%
43	4.488	4.474	4.538	VV	353	11977	0.26%	0.011%
44	4.549	4.538	4.575	VV	426	7315	0.16%	0.007%
45	4.608	4.575	4.614	VV	350	6929	0.15%	0.007%
46	4.623	4.614	4.658	VV	346	7071	0.15%	0.007%
47	4.671	4.658	4.698	VV	356	6623	0.14%	0.006%
48	4.769	4.698	4.801	VV	375	17126	0.37%	0.016%
49	4.807	4.801	4.821	VV	250	2923	0.06%	0.003%
50	4.829	4.821	4.883	VV	360	10258	0.22%	0.010%
51	4.916	4.883	4.981	VV	304	14885	0.32%	0.014%
52	4.992	4.981	5.041	VV	313	8072	0.17%	0.008%
53	5.064	5.041	5.151	VV	358	13158	0.28%	0.013%
54	5.169	5.151	5.197	VV	214	3984	0.09%	0.004%
55	5.216	5.197	5.288	VV	227	7886	0.17%	0.008%
56	5.318	5.288	5.364	VV	184	6977	0.15%	0.007%
57	5.372	5.364	5.420	VV	202	4001	0.09%	0.004%
58	5.474	5.420	5.521	VV	226	7270	0.16%	0.007%
59	5.536	5.521	5.545	VV	165	1773	0.04%	0.002%
60	5.573	5.545	5.618	VV	253	6151	0.13%	0.006%
61	5.629	5.618	5.673	VV	140	2325	0.05%	0.002%
62	5.702	5.673	5.724	PV	497	7792	0.17%	0.007%
63	5.734	5.724	5.774	VV	191	3292	0.07%	0.003%
64	5.791	5.774	5.805	VV	80	1009	0.02%	0.001%
65	5.820	5.805	5.848	VV	158	2549	0.05%	0.002%
66	5.874	5.848	5.938	VV	333	7410	0.16%	0.007%
67	5.945	5.938	5.973	VV	114	1982	0.04%	0.002%
68	5.992	5.973	6.005	PV	216	2488	0.05%	0.002%
69	6.008	6.005	6.041	VV	225	2502	0.05%	0.002%
70	6.048	6.041	6.081	VV	180	2979	0.06%	0.003%
71	6.096	6.081	6.158	VV	186	3154	0.07%	0.003%
72	6.174	6.158	6.191	PV	152	1614	0.03%	0.002%
73	6.228	6.191	6.251	VV	119	2427	0.05%	0.002%
74	6.314	6.251	6.356	VV	398	13348	0.29%	0.013%
75	6.372	6.356	6.396	VV	265	4656	0.10%	0.004%
76	6.434	6.396	6.491	VV	635	14557	0.31%	0.014%
77	6.515	6.491	6.535	VV	269	4433	0.10%	0.004%
78	6.547	6.535	6.569	VV	183	2858	0.06%	0.003%
79	6.579	6.569	6.588	PV	110	722	0.02%	0.001%
80	6.620	6.588	6.634	VV	276	5086	0.11%	0.005%
81	6.645	6.634	6.688	VV	277	6374	0.14%	0.006%
82	6.691	6.688	6.711	VV	195	1790	0.04%	0.002%
83	6.729	6.711	6.789	VV	429	9251	0.20%	0.009%
84	6.814	6.789	6.837	VV	187	2924	0.06%	0.003%
85	6.852	6.837	6.862	VV	130	1657	0.04%	0.002%
86	6.879	6.862	6.899	VV	393	5282	0.11%	0.005%
87	6.917	6.899	6.965	VV	285	5047	0.11%	0.005%
88	6.988	6.965	7.001	VV	194	2483	0.05%	0.002%
89	7.012	7.001	7.045	VV	208	3348	0.07%	0.003%

rteres

90	7.058	7.045	7.081	VV	194	2229	0.05%	0.002%
91	7.091	7.081	7.102	VV	173	1221	0.03%	0.001%
92	7.139	7.102	7.166	PV	334	7231	0.16%	0.007%
93	7.184	7.166	7.208	VV	200	3714	0.08%	0.004%
94	7.259	7.208	7.277	VV	408	10566	0.23%	0.010%
95	7.303	7.277	7.324	VV	341	6470	0.14%	0.006%
96	7.402	7.324	7.427	VV	354	16861	0.36%	0.016%
97	7.449	7.427	7.503	VV	767	17463	0.38%	0.017%
98	7.523	7.503	7.558	VV	545	13109	0.28%	0.013%
99	7.578	7.558	7.605	VV	358	8174	0.18%	0.008%
100	7.625	7.605	7.640	VV	361	5734	0.12%	0.005%
101	7.676	7.640	7.704	VV	1094	22231	0.48%	0.021%
102	7.717	7.704	7.748	VV	354	6826	0.15%	0.007%
103	7.757	7.748	7.793	VV	263	3902	0.08%	0.004%
104	7.803	7.793	7.818	VV	105	1197	0.03%	0.001%
105	7.854	7.818	7.895	VV	553	10342	0.22%	0.010%
106	7.906	7.895	7.930	VV	177	2227	0.05%	0.002%
107	8.250	8.241	8.270	VV	1608	24429	0.53%	0.023%
108	8.291	8.270	8.338	VV	1873	54039	1.16%	0.052%
109	8.378	8.338	8.413	VV	1385	47698	1.03%	0.046%
110	8.428	8.413	8.455	VV	1084	23612	0.51%	0.023%
111	8.468	8.455	8.479	VV	1102	14503	0.31%	0.014%
112	8.500	8.479	8.515	VV	1829	27849	0.60%	0.027%
113	8.558	8.515	8.624	VV	2241	77712	1.67%	0.074%
114	8.688	8.624	8.738	VV	2572	92003	1.98%	0.088%
115	8.747	8.738	8.765	VV	848	10497	0.23%	0.010%
116	8.782	8.765	8.836	VV	958	24031	0.52%	0.023%
117	8.974	8.965	9.070	VV	8502	329664	7.09%	0.316%
118	9.096	9.070	9.205	VV	3429	186616	4.01%	0.179%
119	9.221	9.205	9.267	VV	1861	58132	1.25%	0.056%
120	9.308	9.267	9.367	VV	1798	84452	1.82%	0.081%
121	9.389	9.367	9.418	VV	2857	53950	1.16%	0.052%
122	9.438	9.418	9.462	VV	1411	29088	0.63%	0.028%
123	9.471	9.462	9.505	VV	906	17942	0.39%	0.017%
124	9.548	9.505	9.575	VV	1108	26347	0.57%	0.025%
125	9.593	9.575	9.658	VV	930	27898	0.60%	0.027%
126	9.690	9.658	9.721	VV	872	22256	0.48%	0.021%
127	9.728	9.721	9.740	VV	414	4497	0.10%	0.004%
128	9.788	9.740	9.825	VV	1766	53195	1.14%	0.051%
129	9.850	9.825	9.880	VV	1499	33534	0.72%	0.032%
130	9.894	9.880	9.915	VV	759	13187	0.28%	0.013%
131	9.927	9.915	9.969	VV	890	23635	0.51%	0.023%
132	10.008	9.969	10.033	VV	931	21183	0.46%	0.020%
133	10.072	10.033	10.155	VV	4847	173597	3.73%	0.166%
134	10.171	10.155	10.261	VV	3465	83544	1.80%	0.080%
135	10.274	10.261	10.321	VV	723	16922	0.36%	0.016%
136	10.350	10.321	10.422	VV	533	17470	0.38%	0.017%
137	10.442	10.422	10.471	PV	284	3417	0.07%	0.003%
138	10.489	10.471	10.501	VV	157	2079	0.04%	0.002%
139	10.524	10.501	10.540	VV	946	15363	0.33%	0.015%
140	10.560	10.540	10.588	VV	1448	24043	0.52%	0.023%
141	10.629	10.588	10.638	VV	734	13921	0.30%	0.013%

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142	10.650	10.638	10.685	VV	768	15773	0.34%	0.015%
143	10.708	10.685	10.742	VV	1696	27577	0.59%	0.026%
144	10.774	10.742	10.807	VV	1312	25661	0.55%	0.025%
145	10.833	10.807	10.871	VV	1845	38867	0.84%	0.037%
146	10.911	10.871	10.935	VV	3156	58853	1.27%	0.056%
147	10.985	10.935	11.009	VV	2836	68266	1.47%	0.065%
148	11.023	11.009	11.070	VV	1608	36732	0.79%	0.035%
149	11.091	11.070	11.115	VV	1172	16099	0.35%	0.015%
150	11.143	11.115	11.168	VV	972	21590	0.46%	0.021%
151	11.191	11.168	11.240	VV	17297	311641	6.70%	0.298%
152	11.264	11.240	11.337	VV	9752	236712	5.09%	0.227%
153	11.356	11.337	11.462	VV	2477	64248	1.38%	0.062%
154	11.501	11.462	11.520	VV	345	7066	0.15%	0.007%
155	11.551	11.520	11.571	VV	996	16492	0.35%	0.016%
156	11.617	11.571	11.660	VV	2861	52815	1.14%	0.051%
157	11.671	11.660	11.684	VV	286	2801	0.06%	0.003%
158	11.713	11.684	11.745	VV	2122	38995	0.84%	0.037%
159	11.769	11.745	11.800	VV	1973	34922	0.75%	0.033%
160	11.817	11.800	11.837	VV	787	10576	0.23%	0.010%
161	11.860	11.837	11.891	VV	669	10288	0.22%	0.010%
162	11.942	11.891	11.980	PV	427687	4651966	100.00%	4.455%
163	11.997	11.980	12.014	VV	4720	72564	1.56%	0.069%
164	12.030	12.014	12.081	VV	4338	95089	2.04%	0.091%
165	12.108	12.081	12.129	VV	6315	97282	2.09%	0.093%
166	12.142	12.129	12.159	VV	3244	45313	0.97%	0.043%
167	12.178	12.159	12.215	VV	3452	64227	1.38%	0.062%
168	12.227	12.215	12.250	VV	570	7816	0.17%	0.007%
169	12.287	12.250	12.317	PV	2729	39596	0.85%	0.038%
170	12.335	12.317	12.355	PV	112	2015	0.04%	0.002%
171	12.418	12.355	12.458	VV	834	29153	0.63%	0.028%
172	12.478	12.458	12.515	VV	2242	54671	1.18%	0.052%
173	12.554	12.515	12.602	VV	5030	109693	2.36%	0.105%
174	12.615	12.602	12.632	VV	1023	13552	0.29%	0.013%
175	12.670	12.632	12.712	VV	1358	40102	0.86%	0.038%
176	12.743	12.712	12.767	VV	992	21879	0.47%	0.021%
177	12.787	12.767	12.841	VV	1566	31782	0.68%	0.030%
178	12.893	12.841	12.913	PV	5529	100517	2.16%	0.096%
179	12.931	12.913	12.983	VV	4730	93228	2.00%	0.089%
180	13.013	12.983	13.096	VV	52484	768208	16.51%	0.736%
181	13.168	13.096	13.188	VV	1835	46530	1.00%	0.045%
182	13.205	13.188	13.243	VV	2117	41888	0.90%	0.040%
183	13.276	13.243	13.283	VV	807	18673	0.40%	0.018%
184	13.313	13.283	13.350	VV	45007	624903	13.43%	0.598%
185	13.380	13.350	13.471	VV	252398	3157437	67.87%	3.024%
186	13.493	13.471	13.518	VV	1985	42364	0.91%	0.041%
187	13.545	13.518	13.568	VV	2517	48624	1.05%	0.047%
188	13.597	13.568	13.628	VV	3249	75543	1.62%	0.072%
189	13.644	13.628	13.691	VV	2244	45210	0.97%	0.043%
190	13.732	13.691	13.749	VV	1419	33421	0.72%	0.032%
191	13.780	13.749	13.802	VV	3640	64474	1.39%	0.062%
192	13.814	13.802	13.838	VV	1295	20269	0.44%	0.019%
193	13.851	13.838	13.865	VV	316	4829	0.10%	0.005%
194	13.915	13.865	13.955	VV	5134	134686	2.90%	0.129%

195	13.970	13.955	13.996	VV	1772	29725	0.64%	0.028%
196	14.022	13.996	14.041	VV	3440	56155	1.21%	0.054%
197	14.061	14.041	14.113	VV	4714	120357	2.59%	0.115%
198	14.134	14.113	14.147	VV	3728	51571	1.11%	0.049%
199	14.161	14.147	14.170	VV	3150	37883	0.81%	0.036%
200	14.186	14.170	14.211	VV	4889	73110	1.57%	0.070%
201	14.231	14.211	14.265	VV	2814	59380	1.28%	0.057%
202	14.285	14.265	14.326	VV	1235	31517	0.68%	0.030%
203	14.355	14.326	14.385	VV	1638	38001	0.82%	0.036%
204	14.393	14.385	14.430	VV	744	17483	0.38%	0.017%
205	14.451	14.430	14.474	VV	655	11694	0.25%	0.011%
206	14.547	14.474	14.562	PV	1715	55434	1.19%	0.053%
207	14.570	14.562	14.590	VV	1094	14533	0.31%	0.014%
208	14.615	14.590	14.626	VV	2449	36458	0.78%	0.035%
209	14.644	14.626	14.665	VV	3666	54564	1.17%	0.052%
210	14.695	14.665	14.721	VV	4113	76115	1.64%	0.073%
211	14.756	14.721	14.797	VV	2641	63051	1.36%	0.060%
212	14.844	14.797	14.868	VV	3664	79632	1.71%	0.076%
213	14.891	14.868	14.933	VV	5846	107472	2.31%	0.103%
214	14.955	14.933	14.983	VV	2778	45032	0.97%	0.043%
215	15.003	14.983	15.031	VV	2918	45411	0.98%	0.043%
216	15.049	15.031	15.065	VV	1446	17785	0.38%	0.017%
217	15.091	15.065	15.128	VV	1655	30996	0.67%	0.030%
218	15.142	15.128	15.151	VV	298	2621	0.06%	0.003%
219	15.207	15.151	15.226	PV	20211	298656	6.42%	0.286%
220	15.247	15.226	15.305	VV	20930	430335	9.25%	0.412%
221	15.338	15.305	15.351	VV	2762	55490	1.19%	0.053%
222	15.367	15.351	15.391	VV	3702	54654	1.17%	0.052%
223	15.418	15.391	15.468	VV	2694	66840	1.44%	0.064%
224	15.561	15.468	15.600	PV	3185	92110	1.98%	0.088%
225	15.628	15.600	15.657	VV	11625	198799	4.27%	0.190%
226	15.670	15.657	15.699	VV	3333	57899	1.24%	0.055%
227	15.709	15.699	15.734	VV	1124	15236	0.33%	0.015%
228	15.761	15.734	15.774	VV	3614	44813	0.96%	0.043%
229	15.785	15.774	15.808	VV	3259	36201	0.78%	0.035%
230	15.840	15.808	15.860	VV	2102	29496	0.63%	0.028%
231	15.888	15.860	15.915	PV	6206	112631	2.42%	0.108%
232	15.925	15.915	15.961	VV	2430	34142	0.73%	0.033%
233	15.982	15.961	16.000	VV	1502	17273	0.37%	0.017%
234	16.029	16.000	16.095	VV	3464	101523	2.18%	0.097%
235	16.115	16.095	16.126	VV	791	9184	0.20%	0.009%
236	16.187	16.126	16.196	VV	972	25345	0.54%	0.024%
237	16.219	16.196	16.237	VV	2377	35212	0.76%	0.034%
238	16.264	16.237	16.286	VV	3675	65224	1.40%	0.062%
239	16.311	16.286	16.321	VV	2399	39233	0.84%	0.038%
240	16.334	16.321	16.365	VV	2552	39389	0.85%	0.038%
241	16.408	16.365	16.426	VV	1113	24088	0.52%	0.023%
242	16.454	16.426	16.506	PV	3036	77076	1.66%	0.074%
243	16.566	16.506	16.616	PV	4067	126726	2.72%	0.121%
244	16.651	16.616	16.711	VV	3208	123240	2.65%	0.118%
245	16.775	16.711	16.796	VV	26543	458153	9.85%	0.439%
246	16.806	16.796	16.853	VV	11921	237773	5.11%	0.228%

247	16.862	16.853	16.872	VV	2542	26121	0.56%	0.025%
248	16.911	16.872	16.933	VV	7095	152905	3.29%	0.146%
249	16.954	16.933	16.994	VV	3868	92863	2.00%	0.089%
250	17.051	16.994	17.071	VV	5754	108546	2.33%	0.104%
251	17.100	17.071	17.133	VV	15291	250276	5.38%	0.240%
252	17.165	17.133	17.190	VV	16422	269846	5.80%	0.258%
253	17.213	17.190	17.227	VV	7774	144846	3.11%	0.139%
254	17.241	17.227	17.248	VV	6941	80286	1.73%	0.077%
255	17.268	17.248	17.318	VV	12261	252357	5.42%	0.242%
256	17.327	17.318	17.340	VV	2141	17064	0.37%	0.016%
257	17.407	17.340	17.418	VV	4509	109460	2.35%	0.105%
258	17.426	17.418	17.438	VV	3539	36002	0.77%	0.034%
259	17.463	17.438	17.498	VV	4747	111761	2.40%	0.107%
260	17.543	17.498	17.571	VV	8061	225305	4.84%	0.216%
261	17.635	17.571	17.645	VV	7863	249521	5.36%	0.239%
262	17.669	17.645	17.724	VV	10194	300892	6.47%	0.288%
263	17.782	17.724	17.810	VV	7540	237405	5.10%	0.227%
264	17.845	17.810	17.906	VV	6051	202221	4.35%	0.194%
265	17.955	17.906	17.978	VV	3911	102517	2.20%	0.098%
266	18.106	17.978	18.130	VV	16623	603925	12.98%	0.578%
267	18.154	18.130	18.182	VV	7652	179471	3.86%	0.172%
268	18.203	18.182	18.211	VV	6083	84880	1.82%	0.081%
269	18.253	18.211	18.301	VV	23455	651721	14.01%	0.624%
270	18.313	18.301	18.331	VV	8767	139867	3.01%	0.134%
271	18.367	18.331	18.377	VV	6828	179976	3.87%	0.172%
272	18.401	18.377	18.412	VV	8021	134053	2.88%	0.128%
273	18.473	18.412	18.505	VV	18446	678833	14.59%	0.650%
274	18.531	18.505	18.543	VV	19596	336004	7.22%	0.322%
275	18.553	18.543	18.571	VV	17485	261959	5.63%	0.251%
276	18.590	18.571	18.600	VV	14638	241212	5.19%	0.231%
277	18.621	18.600	18.677	VV	26108	720761	15.49%	0.690%
278	18.714	18.677	18.727	VV	13415	347440	7.47%	0.333%
279	18.756	18.727	18.769	VV	12300	288414	6.20%	0.276%
280	18.808	18.769	18.874	VV	21104	869054	18.68%	0.832%
281	18.940	18.874	18.990	VV	27472	1102126	23.69%	1.055%
282	19.001	18.990	19.015	VV	14167	192995	4.15%	0.185%
283	19.045	19.015	19.075	VV	27594	696809	14.98%	0.667%
284	19.095	19.075	19.115	VV	26216	511469	10.99%	0.490%
285	19.125	19.115	19.152	VV	19109	387893	8.34%	0.371%
286	19.162	19.152	19.171	VV	17348	195770	4.21%	0.187%
287	19.196	19.171	19.209	VV	19893	405174	8.71%	0.388%
288	19.227	19.209	19.245	VV	22072	415533	8.93%	0.398%
289	19.338	19.245	19.360	VV	31745	1627460	34.98%	1.559%
290	19.379	19.360	19.406	VV	27765	661486	14.22%	0.634%
291	19.447	19.406	19.485	VV	26766	1065385	22.90%	1.020%
292	19.492	19.485	19.505	VV	24061	275059	5.91%	0.263%
293	19.587	19.505	19.615	VV	26337	1597757	34.35%	1.530%
294	19.730	19.615	19.746	VV	38146	2189804	47.07%	2.097%
295	19.758	19.746	19.798	VV	36087	994199	21.37%	0.952%
296	19.853	19.798	19.888	VV	37302	1739663	37.40%	1.666%
297	19.910	19.888	19.920	VV	33917	630847	13.56%	0.604%
298	19.982	19.920	20.010	VV	44952	2155247	46.33%	2.064%
299	20.044	20.010	20.059	VV	44355	1233607	26.52%	1.181%

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300	20.099	20.059	20.131	VV	54117	2103647	45.22%	2.015%
301	20.155	20.131	20.175	VV	51718	1268645	27.27%	1.215%
302	20.183	20.175	20.192	VV	47007	480830	10.34%	0.460%
303	20.211	20.192	20.223	VV	47151	828092	17.80%	0.793%
304	20.271	20.223	20.304	VV	51362	2331787	50.12%	2.233%
305	20.379	20.304	20.403	VV	63740	3213950	69.09%	3.078%
306	20.410	20.403	20.421	VV	52266	577142	12.41%	0.553%
307	20.468	20.421	20.499	VV	62533	2623947	56.41%	2.513%
308	20.543	20.499	20.571	VV	63268	2484318	53.40%	2.379%
309	20.634	20.571	20.647	VV	64854	2764882	59.43%	2.648%
310	20.690	20.647	20.743	VV	68783	3705751	79.66%	3.549%
311	20.753	20.743	20.786	VV	64437	1613262	34.68%	1.545%
312	20.832	20.786	20.858	VV	69676	2786664	59.90%	2.669%
313	20.874	20.858	20.922	VV	65550	2391099	51.40%	2.290%
314	20.936	20.922	20.955	VV	63746	1204454	25.89%	1.153%
315	20.967	20.955	20.981	VV	63644	985323	21.18%	0.944%
316	21.005	20.981	21.040	VV	59914	2044453	43.95%	1.958%
317	21.068	21.040	21.101	VV	59382	2110361	45.36%	2.021%
318	21.111	21.101	21.119	VV	57133	598102	12.86%	0.573%
319	21.127	21.119	21.176	VV	55703	1810090	38.91%	1.734%
320	21.182	21.176	21.202	VV	52690	803750	17.28%	0.770%
321	21.221	21.202	21.276	VV	55047	2208084	47.47%	2.115%
322	21.296	21.276	21.322	VV	46418	1237626	26.60%	1.185%
323	21.366	21.322	21.384	VV	47487	1695419	36.45%	1.624%
324	21.407	21.384	21.531	VV	48118	3760648	80.84%	3.602%
325	21.540	21.531	21.565	VV	40134	758022	16.29%	0.726%
326	21.580	21.565	21.592	VV	37289	588655	12.65%	0.564%
327	21.600	21.592	21.614	VV	36811	473162	10.17%	0.453%
328	21.663	21.614	21.703	VV	39710	1914389	41.15%	1.833%
329	21.728	21.703	21.738	VV	33347	684445	14.71%	0.655%
330	21.768	21.738	21.783	VV	32528	846758	18.20%	0.811%
331	21.790	21.783	21.831	VV	31267	814373	17.51%	0.780%
332	21.849	21.831	21.868	VV	27343	574662	12.35%	0.550%
333	21.880	21.868	21.915	VV	26933	727692	15.64%	0.697%
334	21.934	21.915	21.971	VV	25269	787890	16.94%	0.755%
335	21.990	21.971	22.025	VV	22469	649597	13.96%	0.622%
336	22.048	22.025	22.061	VV	20440	388796	8.36%	0.372%
337	22.078	22.061	22.089	VV	19119	299817	6.44%	0.287%
338	22.095	22.089	22.102	VV	17580	125192	2.69%	0.120%
339	22.154	22.102	22.243	VV	20666	1227819	26.39%	1.176%
340	22.258	22.243	22.279	VV	10085	195778	4.21%	0.187%
341	22.295	22.279	22.331	VV	10148	257008	5.52%	0.246%
342	22.341	22.331	22.361	VV	8331	109713	2.36%	0.105%
343	22.380	22.361	22.418	VV	6827	180855	3.89%	0.173%
344	22.439	22.418	22.482	VV	5287	110289	2.37%	0.106%

Sum of corrected areas: 104417615

Aliphatic EPH 103025.M Fri Nov 28 20:59:51 2025

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-17B			SDG No.:	Q3719
Lab Sample ID:	Q3719-14			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	84.3
Sample Wt/Vol:	30.06 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	37.8		1	1.40	2.37	mg/kg	FE057074.D	11/27/25 7:14	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	6.32		1	1.08	4.73	mg/kg	FE057074.D	11/27/25 7:14	PB170736
Total AliphaticEPH	Total AliphaticEPH	44.1			2.48	7.10	mg/kg			
Total EPH	Total EPH	44.1			2.48	7.10	mg/kg			

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

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

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

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	11/24/25
Project:	Saddler Property			Date Received:	11/25/25
Client Sample ID:	SB-1125-17B			SDG No.:	Q3719
Lab Sample ID:	Q3719-14			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	84.3
Sample Wt/Vol:	30.06 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	6.32		1	1.08	4.73	mg/kg	11/27/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	37.8		1	1.40	2.37	mg/kg	11/27/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	18.8			40 - 140	38%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	21.6			40 - 140	43%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3719-14	Acq On:	27 Nov 2025 07:14
Client Sample ID:	SB-1125-17B	Operator:	YP\AJ
Data file:	FE057074.D	Misc:	
Instrument:	FID_E	ALS Vial:	41
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.202	6.826	510479	2.982	300	ug/ml
Aliphatic C12-C16	6.827	10.271	1638042	9.164	200	ug/ml
Aliphatic C16-C21	10.272	13.644	7971479	42.741	300	ug/ml
Aliphatic C21-C28	13.645	17.314	4854313	25.182	400	ug/ml
Aliphatic C28-C40	17.315	22.241	76254023	478.638	600	ug/ml
Aliphatic EPH	3.202	22.241	91228336	558.708		ug/ml
ortho-Terphenyl (SURR)	11.943	11.943	4501462	21.55		ug/ml
1-chlorooctadecane (SURR)	13.380	13.380	3028137	18.79		ug/ml
Aliphatic C9-C28	3.202	17.314	14974313	80.069	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057074.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 07:14
Operator : YP\AJ
Sample : Q3719-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-17B

Integration File: sample.E
Quant Time: Nov 28 19:50:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 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)	11.943	4501462	21.547 ug/ml
Spiked Amount 50.000		Recovery = 43.09%	
12) S 1-chlorooctadecane (S...	13.380	3028137	18.795 ug/ml
Spiked Amount 50.000		Recovery = 37.59%	
Target Compounds			

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

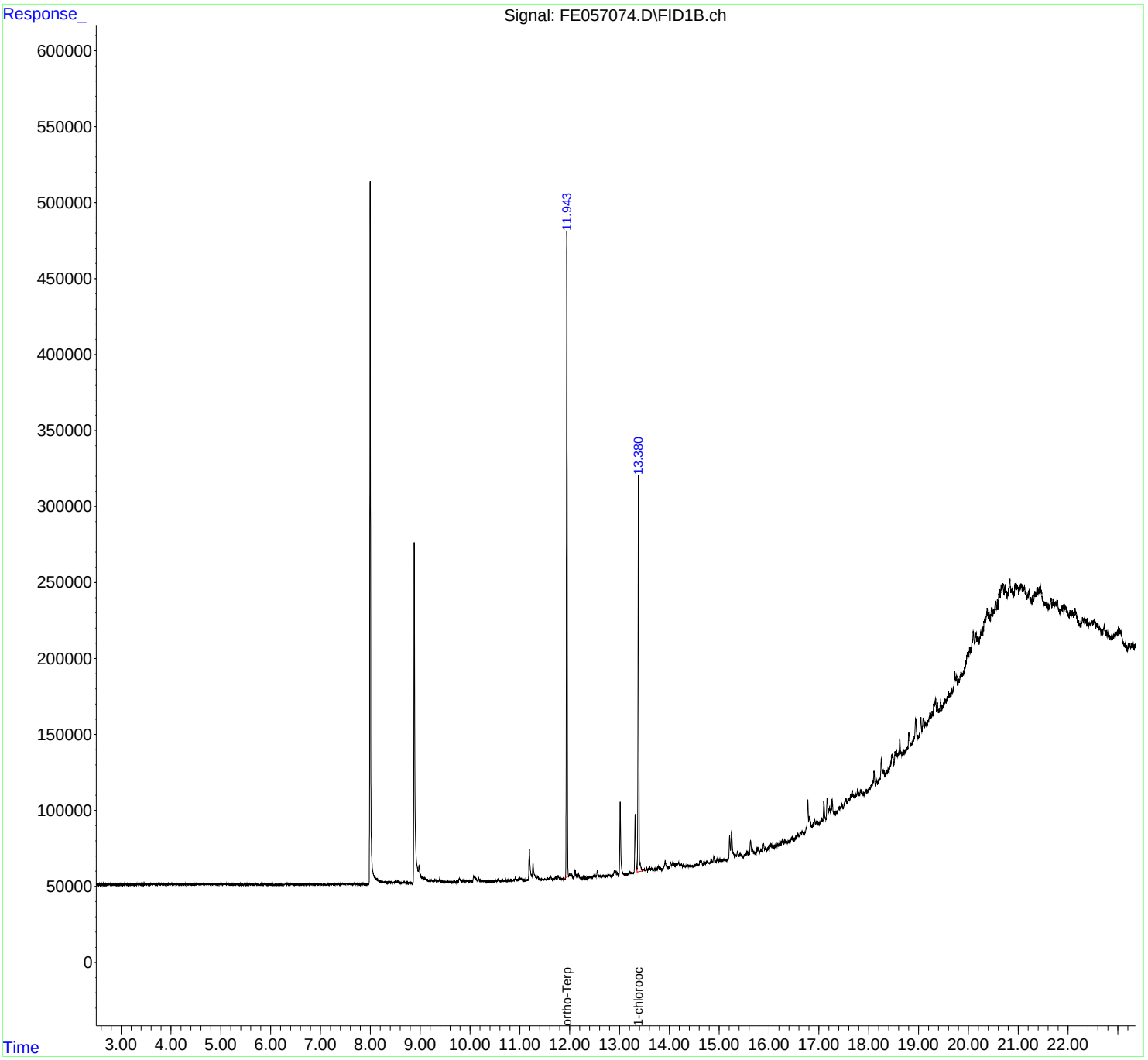
Quantitation Report (QT Reviewed)

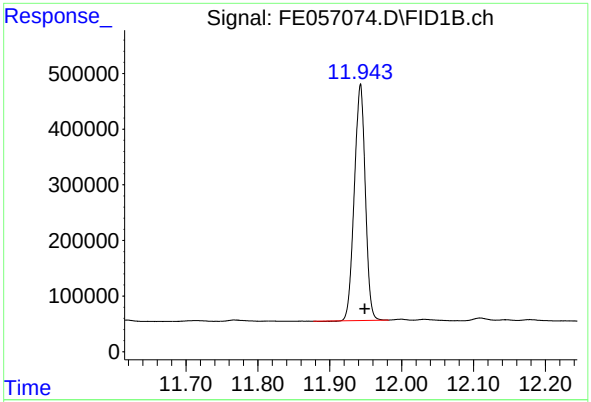
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057074.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 07:14
Operator : YP\AJ
Sample : Q3719-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1125-17B

Integration File: sample.E
Quant Time: Nov 28 19:50:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

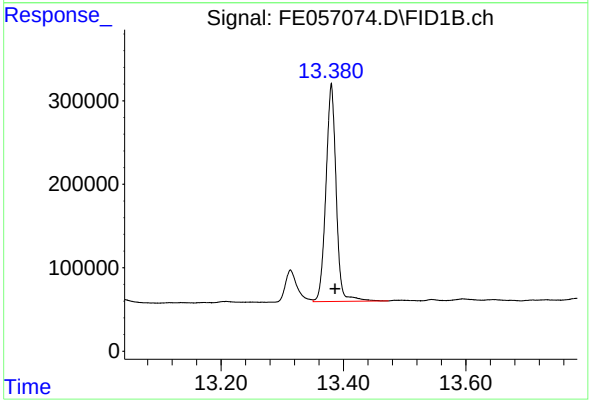




#9 ortho-Terphenyl (SURR)

R.T.: 11.943 min
Delta R.T.: -0.006 min
Response: 4501462
Conc: 21.55 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1125-17B



#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: -0.006 min
Response: 3028137
Conc: 18.79 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057074.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 07:14
Sample : Q3719-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	2.537	2.524	2.595	BV	193	1460	0.02%	0.002%
2	2.645	2.595	2.704	PV	281	4333	0.06%	0.005%
3	2.724	2.704	2.737	VV	159	1956	0.03%	0.002%
4	2.762	2.737	2.771	VV	156	2074	0.03%	0.002%
5	2.814	2.771	2.824	PV	172	3432	0.05%	0.004%
6	2.833	2.824	2.861	VV	176	2857	0.04%	0.003%
7	2.865	2.861	2.875	VV	179	950	0.01%	0.001%
8	2.883	2.875	2.922	VV	134	2739	0.04%	0.003%
9	2.997	2.922	3.068	VV	187	10500	0.15%	0.011%
10	3.075	3.068	3.091	VV	152	2123	0.03%	0.002%
11	3.100	3.091	3.128	VV	157	3028	0.04%	0.003%
12	3.160	3.128	3.174	VV	181	4090	0.06%	0.004%
13	3.178	3.174	3.201	VV	203	2174	0.03%	0.002%
14	3.208	3.201	3.228	VV	169	2375	0.03%	0.003%
15	3.235	3.228	3.247	VV	206	2056	0.03%	0.002%
16	3.267	3.247	3.287	VV	249	4929	0.07%	0.005%
17	3.300	3.287	3.381	VV	253	11348	0.16%	0.012%
18	3.391	3.381	3.407	VV	247	3631	0.05%	0.004%
19	3.417	3.407	3.478	VV	282	10930	0.16%	0.012%
20	3.503	3.478	3.551	VV	357	12790	0.18%	0.014%
21	3.569	3.551	3.591	VV	352	6961	0.10%	0.007%
22	3.599	3.591	3.621	VV	332	5277	0.08%	0.006%
23	3.648	3.621	3.682	VV	428	11562	0.16%	0.012%
24	3.697	3.682	3.721	VV	358	6612	0.09%	0.007%
25	3.750	3.721	3.774	VV	379	9074	0.13%	0.010%
26	3.801	3.774	3.856	VV	733	19911	0.28%	0.021%
27	3.881	3.856	3.924	VV	358	13047	0.19%	0.014%
28	3.931	3.924	3.991	VV	367	12887	0.18%	0.014%
29	4.023	3.991	4.070	VV	412	15481	0.22%	0.016%
30	4.088	4.070	4.134	VV	439	13355	0.19%	0.014%
31	4.156	4.134	4.227	VV	391	17506	0.25%	0.019%
32	4.240	4.227	4.268	VV	321	7093	0.10%	0.008%
33	4.288	4.268	4.298	VV	381	5840	0.08%	0.006%
34	4.320	4.298	4.383	VV	398	17067	0.24%	0.018%
35	4.395	4.383	4.401	VV	384	3618	0.05%	0.004%
36	4.408	4.401	4.420	VV	336	3601	0.05%	0.004%

rteres

37	4.496	4.420	4.509	VV	394	18304	0.26%	0.019%
38	4.517	4.509	4.528	VV	323	3327	0.05%	0.004%
39	4.551	4.528	4.570	VV	443	9075	0.13%	0.010%
40	4.593	4.570	4.644	VV	370	14402	0.21%	0.015%
41	4.672	4.644	4.694	VV	310	8166	0.12%	0.009%
42	4.736	4.694	4.762	VV	378	12498	0.18%	0.013%
43	4.770	4.762	4.798	VV	397	6180	0.09%	0.007%
44	4.802	4.798	4.814	VV	300	2565	0.04%	0.003%
45	4.835	4.814	4.848	VV	341	5863	0.08%	0.006%
46	4.863	4.848	4.898	VV	313	8586	0.12%	0.009%
47	4.922	4.898	4.942	VV	319	7374	0.11%	0.008%
48	4.972	4.942	4.981	VV	271	5896	0.08%	0.006%
49	4.998	4.981	5.029	VV	335	7659	0.11%	0.008%
50	5.058	5.029	5.111	VV	364	12101	0.17%	0.013%
51	5.119	5.111	5.130	VV	341	2983	0.04%	0.003%
52	5.144	5.130	5.178	VV	288	6505	0.09%	0.007%
53	5.190	5.178	5.248	VV	313	8363	0.12%	0.009%
54	5.255	5.248	5.294	VV	199	4570	0.07%	0.005%
55	5.309	5.294	5.327	VV	237	3507	0.05%	0.004%
56	5.338	5.327	5.428	VV	238	7472	0.11%	0.008%
57	5.479	5.428	5.505	VV	179	5731	0.08%	0.006%
58	5.534	5.505	5.557	VV	197	4615	0.07%	0.005%
59	5.569	5.557	5.654	VV	172	6954	0.10%	0.007%
60	5.661	5.654	5.681	VV	121	1235	0.02%	0.001%
61	5.703	5.681	5.736	VV	454	8960	0.13%	0.009%
62	5.740	5.736	5.853	VV	214	9015	0.13%	0.010%
63	5.878	5.853	5.943	VV	309	8522	0.12%	0.009%
64	5.960	5.943	5.971	VV	171	2002	0.03%	0.002%
65	5.992	5.971	6.036	VV	228	5182	0.07%	0.005%
66	6.049	6.036	6.074	VV	190	2393	0.03%	0.003%
67	6.107	6.074	6.147	VV	162	3898	0.06%	0.004%
68	6.176	6.147	6.190	PV	129	2009	0.03%	0.002%
69	6.200	6.190	6.209	VV	78	821	0.01%	0.001%
70	6.233	6.209	6.254	VV	111	1689	0.02%	0.002%
71	6.302	6.254	6.314	VV	602	10932	0.16%	0.012%
72	6.317	6.314	6.398	VV	602	16998	0.24%	0.018%
73	6.433	6.398	6.484	VV	508	14676	0.21%	0.016%
74	6.497	6.484	6.578	VV	242	9276	0.13%	0.010%
75	6.621	6.578	6.703	VV	253	11517	0.16%	0.012%
76	6.731	6.703	6.770	VV	300	6289	0.09%	0.007%
77	6.816	6.770	6.861	VV	164	5418	0.08%	0.006%
78	6.878	6.861	6.964	VV	337	9267	0.13%	0.010%
79	7.018	6.964	7.041	VV	192	5284	0.08%	0.006%
80	7.057	7.041	7.107	VV	172	2989	0.04%	0.003%
81	7.138	7.107	7.170	PV	247	4504	0.06%	0.005%
82	7.189	7.170	7.214	VV	101	2544	0.04%	0.003%
83	7.256	7.214	7.281	VV	249	6948	0.10%	0.007%
84	7.302	7.281	7.330	VV	232	4491	0.06%	0.005%
85	7.405	7.330	7.424	VV	371	12192	0.17%	0.013%
86	7.449	7.424	7.501	VV	639	15136	0.22%	0.016%
87	7.523	7.501	7.604	VV	575	21367	0.30%	0.023%
88	7.676	7.604	7.787	VV	804	30104	0.43%	0.032%
89	7.804	7.787	7.821	VV	60	1099	0.02%	0.001%

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90	7.854	7.821	7.925	VV	394	9480	0.14%	0.010%
91	8.291	8.271	8.341	VV	1600	51393	0.73%	0.054%
92	8.380	8.341	8.447	VV	1203	60185	0.86%	0.064%
93	8.499	8.447	8.518	VV	1464	42228	0.60%	0.045%
94	8.559	8.518	8.624	VV	1848	64143	0.92%	0.068%
95	8.715	8.624	8.761	VV	977	53733	0.77%	0.057%
96	8.782	8.761	8.848	VV	649	17176	0.25%	0.018%
97	8.975	8.961	9.074	VV	11754	384743	5.49%	0.408%
98	9.091	9.074	9.199	VV	3128	162054	2.31%	0.172%
99	9.222	9.199	9.261	VV	1824	56120	0.80%	0.059%
100	9.294	9.261	9.368	VV	1776	89802	1.28%	0.095%
101	9.390	9.368	9.420	VV	2482	48154	0.69%	0.051%
102	9.437	9.420	9.505	VV	1174	41069	0.59%	0.044%
103	9.549	9.505	9.571	VV	849	21481	0.31%	0.023%
104	9.593	9.571	9.654	VV	692	22078	0.32%	0.023%
105	9.690	9.654	9.741	VV	567	19385	0.28%	0.021%
106	9.788	9.741	9.828	VV	2369	60995	0.87%	0.065%
107	9.850	9.828	9.879	VV	1400	29707	0.42%	0.031%
108	9.896	9.879	9.911	VV	771	12322	0.18%	0.013%
109	9.928	9.911	9.971	VV	1017	26991	0.39%	0.029%
110	10.001	9.971	10.041	VV	696	19961	0.28%	0.021%
111	10.077	10.041	10.150	VV	3738	138934	1.98%	0.147%
112	10.171	10.150	10.318	VV	2738	89983	1.28%	0.095%
113	10.352	10.318	10.428	VV	474	16802	0.24%	0.018%
114	10.448	10.428	10.474	PV	206	1703	0.02%	0.002%
115	10.560	10.474	10.598	PV	1217	36257	0.52%	0.038%
116	10.648	10.598	10.679	VV	616	22862	0.33%	0.024%
117	10.708	10.679	10.754	VV	1141	22246	0.32%	0.024%
118	10.779	10.754	10.811	VV	747	16890	0.24%	0.018%
119	10.835	10.811	10.868	VV	1022	20767	0.30%	0.022%
120	10.912	10.868	10.958	VV	2497	49759	0.71%	0.053%
121	10.985	10.958	11.071	VV	1974	68455	0.98%	0.073%
122	11.091	11.071	11.114	VV	497	6820	0.10%	0.007%
123	11.140	11.114	11.161	VV	422	10069	0.14%	0.011%
124	11.191	11.161	11.241	VV	20567	364439	5.20%	0.386%
125	11.265	11.241	11.341	VV	11230	257756	3.68%	0.273%
126	11.356	11.341	11.468	VV	2712	64552	0.92%	0.068%
127	11.496	11.468	11.520	VV	335	6125	0.09%	0.006%
128	11.553	11.520	11.571	VV	944	17247	0.25%	0.018%
129	11.618	11.571	11.681	VV	2656	50439	0.72%	0.053%
130	11.713	11.681	11.744	VV	1581	29949	0.43%	0.032%
131	11.769	11.744	11.844	VV	2550	53213	0.76%	0.056%
132	11.862	11.844	11.888	VV	414	6116	0.09%	0.006%
133	11.942	11.888	11.982	PV	418801	4572585	65.25%	4.845%
134	11.998	11.982	12.016	VV	3713	58732	0.84%	0.062%
135	12.032	12.016	12.084	VV	3488	79487	1.13%	0.084%
136	12.110	12.084	12.161	VV	5721	125163	1.79%	0.133%
137	12.179	12.161	12.248	VV	2698	57162	0.82%	0.061%
138	12.288	12.248	12.321	PV	2149	32379	0.46%	0.034%
139	12.347	12.321	12.368	VV	247	3918	0.06%	0.004%
140	12.422	12.368	12.458	PV	523	20287	0.29%	0.021%
141	12.488	12.458	12.518	VV	1551	40382	0.58%	0.043%

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142	12.556	12.518	12.633	VV	4435	108382	1.55%	0.115%
143	12.672	12.633	12.721	VV	988	34538	0.49%	0.037%
144	12.746	12.721	12.767	VV	764	15725	0.22%	0.017%
145	12.789	12.767	12.841	VV	1285	25333	0.36%	0.027%
146	12.895	12.841	12.913	PV	3597	62976	0.90%	0.067%
147	12.931	12.913	12.984	VV	3531	67735	0.97%	0.072%
148	13.014	12.984	13.098	VV	47746	674707	9.63%	0.715%
149	13.136	13.098	13.154	VV	640	16972	0.24%	0.018%
150	13.208	13.154	13.274	VV	1782	59327	0.85%	0.063%
151	13.314	13.274	13.351	VV	38318	547345	7.81%	0.580%
152	13.380	13.351	13.471	VV	261617	3111941	44.41%	3.297%
153	13.493	13.471	13.528	VV	2129	59452	0.85%	0.063%
154	13.545	13.528	13.566	VV	2754	44561	0.64%	0.047%
155	13.596	13.566	13.626	VV	3160	82754	1.18%	0.088%
156	13.644	13.626	13.691	VV	2244	59111	0.84%	0.063%
157	13.732	13.691	13.754	VV	1735	49717	0.71%	0.053%
158	13.782	13.754	13.860	VV	3152	102777	1.47%	0.109%
159	13.916	13.860	13.988	VV	5792	188953	2.70%	0.200%
160	14.023	13.988	14.043	VV	4833	91753	1.31%	0.097%
161	14.086	14.043	14.113	VV	4012	133930	1.91%	0.142%
162	14.186	14.113	14.213	VV	4075	162420	2.32%	0.172%
163	14.234	14.213	14.274	VV	2465	62783	0.90%	0.067%
164	14.285	14.274	14.318	VV	1389	27567	0.39%	0.029%
165	14.357	14.318	14.401	VV	1522	49471	0.71%	0.052%
166	14.413	14.401	14.474	VV	729	21564	0.31%	0.023%
167	14.549	14.474	14.588	PV	962	46288	0.66%	0.049%
168	14.616	14.588	14.671	VV	2833	81198	1.16%	0.086%
169	14.696	14.671	14.727	PV	2411	43121	0.62%	0.046%
170	14.759	14.727	14.811	VV	1969	51550	0.74%	0.055%
171	14.841	14.811	14.867	VV	2331	49455	0.71%	0.052%
172	14.893	14.867	14.938	VV	4188	75471	1.08%	0.080%
173	14.958	14.938	14.983	VV	2003	29713	0.42%	0.031%
174	15.009	14.983	15.064	VV	1384	31666	0.45%	0.034%
175	15.094	15.064	15.144	PV	1297	22612	0.32%	0.024%
176	15.209	15.144	15.227	PV	15779	239783	3.42%	0.254%
177	15.248	15.227	15.309	VV	17869	384349	5.48%	0.407%
178	15.368	15.309	15.401	VV	4397	126378	1.80%	0.134%
179	15.424	15.401	15.480	VV	2107	54576	0.78%	0.058%
180	15.562	15.480	15.598	PV	2528	84292	1.20%	0.089%
181	15.629	15.598	15.734	VV	9464	234956	3.35%	0.249%
182	15.782	15.734	15.811	PV	2884	76144	1.09%	0.081%
183	15.836	15.811	15.858	VV	1828	24311	0.35%	0.026%
184	15.890	15.858	15.955	VV	5185	105526	1.51%	0.112%
185	15.983	15.955	16.004	PV	1142	15800	0.23%	0.017%
186	16.043	16.004	16.104	VV	2223	84466	1.21%	0.089%
187	16.175	16.104	16.198	VV	1024	30382	0.43%	0.032%
188	16.264	16.198	16.286	VV	2743	77609	1.11%	0.082%
189	16.335	16.286	16.371	VV	2017	65412	0.93%	0.069%
190	16.405	16.371	16.428	VV	795	17034	0.24%	0.018%
191	16.473	16.428	16.504	PV	2187	67065	0.96%	0.071%
192	16.575	16.504	16.611	PV	2555	97425	1.39%	0.103%
193	16.648	16.611	16.694	VV	2590	82319	1.17%	0.087%
194	16.778	16.694	16.858	VV	21069	572739	8.17%	0.607%

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195	16.913	16.858	16.938	VV	5092	145352	2.07%	0.154%
196	16.965	16.938	17.000	VV	3194	77312	1.10%	0.082%
197	17.102	17.000	17.137	PV	13548	264811	3.78%	0.281%
198	17.168	17.137	17.195	VV	13016	234536	3.35%	0.248%
199	17.214	17.195	17.231	VV	6550	115087	1.64%	0.122%
200	17.268	17.231	17.332	VV	10132	254640	3.63%	0.270%
201	17.465	17.332	17.484	PV	3536	140290	2.00%	0.149%
202	17.539	17.484	17.568	VV	4990	158671	2.26%	0.168%
203	17.667	17.568	17.724	VV	7864	404143	5.77%	0.428%
204	17.780	17.724	17.810	VV	5765	186275	2.66%	0.197%
205	17.840	17.810	17.901	VV	4542	133989	1.91%	0.142%
206	17.950	17.901	17.969	PV	1977	41404	0.59%	0.044%
207	18.107	17.969	18.134	VV	10635	275478	3.93%	0.292%
208	18.156	18.134	18.175	VV	3280	48905	0.70%	0.052%
209	18.254	18.175	18.324	VV	14393	458180	6.54%	0.485%
210	18.471	18.324	18.505	VV	12324	615968	8.79%	0.653%
211	18.554	18.505	18.574	VV	13227	427156	6.10%	0.453%
212	18.623	18.574	18.674	VV	18727	635495	9.07%	0.673%
213	18.713	18.674	18.726	VV	8745	258715	3.69%	0.274%
214	18.808	18.726	18.844	VV	17808	752690	10.74%	0.797%
215	18.942	18.844	18.988	VV	23504	1121253	16.00%	1.188%
216	19.046	18.988	19.071	VV	21428	706143	10.08%	0.748%
217	19.096	19.071	19.167	VV	20354	918736	13.11%	0.973%
218	19.341	19.167	19.361	VV	27185	2271453	32.42%	2.407%
219	19.377	19.361	19.421	VV	22877	700033	9.99%	0.742%
220	19.444	19.421	19.468	VV	22404	541092	7.72%	0.573%
221	19.534	19.468	19.554	VV	21053	995143	14.20%	1.054%
222	19.729	19.554	19.787	VV	34918	3457097	49.33%	3.663%
223	19.985	19.787	20.011	VV	41115	4322997	61.69%	4.580%
224	20.100	20.011	20.126	VV	51518	3058926	43.65%	3.241%
225	20.153	20.126	20.217	VV	49498	2461930	35.13%	2.608%
226	20.378	20.217	20.444	VV	60052	7007411	100.00%	7.425%
227	20.470	20.444	20.491	VV	57083	1551073	22.13%	1.643%
228	20.542	20.491	20.568	VV	60211	2587853	36.93%	2.742%
229	20.692	20.568	20.738	VV	68249	6423910	91.67%	6.806%
230	20.746	20.738	20.788	VV	66483	1836439	26.21%	1.946%
231	20.829	20.788	20.903	VV	67592	4197117	59.90%	4.447%
232	20.956	20.903	21.009	VV	62128	3744802	53.44%	3.968%
233	21.038	21.009	21.176	VV	57921	5468450	78.04%	5.794%
234	21.218	21.176	21.278	VV	49601	2805873	40.04%	2.973%
235	21.333	21.278	21.358	VV	47131	2116363	30.20%	2.242%
236	21.449	21.358	21.613	VV	47301	5983177	85.38%	6.339%
237	21.656	21.613	21.678	VV	34090	1198938	17.11%	1.270%
238	21.698	21.678	21.720	VV	33027	750396	10.71%	0.795%
239	21.741	21.720	21.774	VV	29813	929781	13.27%	0.985%
240	21.785	21.774	21.833	VV	29842	883695	12.61%	0.936%
241	21.904	21.833	22.018	VV	24215	2215280	31.61%	2.347%
242	22.039	22.018	22.071	VV	16670	458305	6.54%	0.486%
243	22.085	22.071	22.115	VV	15645	347255	4.96%	0.368%
244	22.142	22.115	22.263	VV	15440	655743	9.36%	0.695%

Sum of corrected areas: 94381995

CALIBRATION SUMMARY

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

Inital Calibration Report for SequenceID : FE103025AL

AreaCount

Parameter Range	FE056575.D	FE056576.D	FE056577.D	FE056578.D	FE056579.D	
Aliphatic C9-C12	47378340.000	25372826.000	10134874.000	5323968.000	2735296.000	
Aliphatic C12-C16	32958436.000	17867364.000	7039199.000	3707774.000	1889371.000	
Aliphatic C16-C21	50634896.000	27807189.000	10962966.000	5844076.000	3012669.000	
Aliphatic C21-C28	65391355.000	36849784.000	14322959.000	8150425.000	4666116.000	
Aliphatic C28-C40	76863576.000	43549713.000	17723612.000	10141838.000	6197225.000	
Aliphatic EPH	273226603.000	151446876.000	60183610.000	33168081.000	18500677.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	171162.641333	5.459				
Aliphatic C12-C16	178754.319	5.236				
Aliphatic C16-C21	186505.4959998	6.59				
Aliphatic C21-C28	192766.144	13.927				
Aliphatic C28-C40	159314.647333	18.927				
Aliphatic EPH	175414.750555	11.628				

Concentration

Parameter Range	FE056575.D	FE056576.D	FE056577.D	FE056578.D	FE056579.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	FE056575.D	FE056576.D	FE056577.D	FE056578.D	FE056579.D	
Aliphatic C9-C12	157927.800000	169152.173333	168914.566666	177465.600000	182353.066666	
Aliphatic C12-C16	164792.180000	178673.640000	175979.975000	185388.700000	188937.100000	
Aliphatic C16-C21	168782.986666	185381.260000	182716.100000	194802.533333	200844.600000	

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

Inital Calibration Report for SequenceID : FE103025AL

Aliphatic C21-C28	163478.387500	184248.920000	179036.987500	203760.625000	233305.800000	
Aliphatic C28-C40	128105.960000	145165.710000	147696.766666	169030.633333	206574.166666	
Aliphatic EPH	151792.557222	168274.306666	167176.694444	184267.116666	205563.077777	

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056575.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 10:20
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Oct 30 12:03:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 11:59:52 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)	11.992	19059851	96.235 ug/ml
Spiked Amount	50.000		Recovery =	192.47%
12) S	1-chlorooctadecane (S...	13.427	14749289	96.361 ug/ml
Spiked Amount	50.000		Recovery =	192.72%
	Target Compounds			
1) T	n-Nonane (C9)	3.337	15510371	96.767 ug/ml
2) T	n-Decane (C10)	4.591	15797359	96.498 ug/ml
3) T	A~Naphthalene (C11.7)	6.308	17418486	97.460 ug/ml
4) T	n-Dodecane (C12)	6.765	16070610	96.653 ug/ml
5) T	A~2-methylnaphthalene...	7.409	16955970	98.036 ug/ml
6) T	n-Tetradecane (C14)	8.601	16108586	96.787 ug/ml
7) T	n-Hexadecane (C16)	10.215	16849850	96.650 ug/ml
8) T	n-Octadecane (C18)	11.666	17249418	96.237 ug/ml
10) T	n-Eicosane (C20)	12.979	16787284	95.930 ug/ml
11) T	n-Heneicosane (C21)	13.593	16598194	95.935 ug/ml
13) T	n-Docosane (C22)	14.181	16594646	95.890 ug/ml
14) T	n-Tetracosane (C24)	15.288	16611261	95.631 ug/ml
15) T	n-Hexacosane (C26)	16.313	16325668	95.495 ug/ml
16) T	n-Octacosane (C28)	17.266	15859780	94.791 ug/ml
17) T	n-Tricontane (C30)	18.155	15787066	93.066 ug/ml
18) T	n-Dotriacontane (C32)	18.990	14882432	91.297 ug/ml
19) T	n-Tetratriacontane (C34)	19.776	13398021	91.103 ug/ml
20) T	n-Hexatriacontane (C36)	20.516	11781393	92.518 ug/ml
21) T	n-Octatriacontane (C38)	21.272	10906555	95.307 ug/ml
22) T	n-Tetracontane (C40)	22.223	10108109	95.430 ug/ml

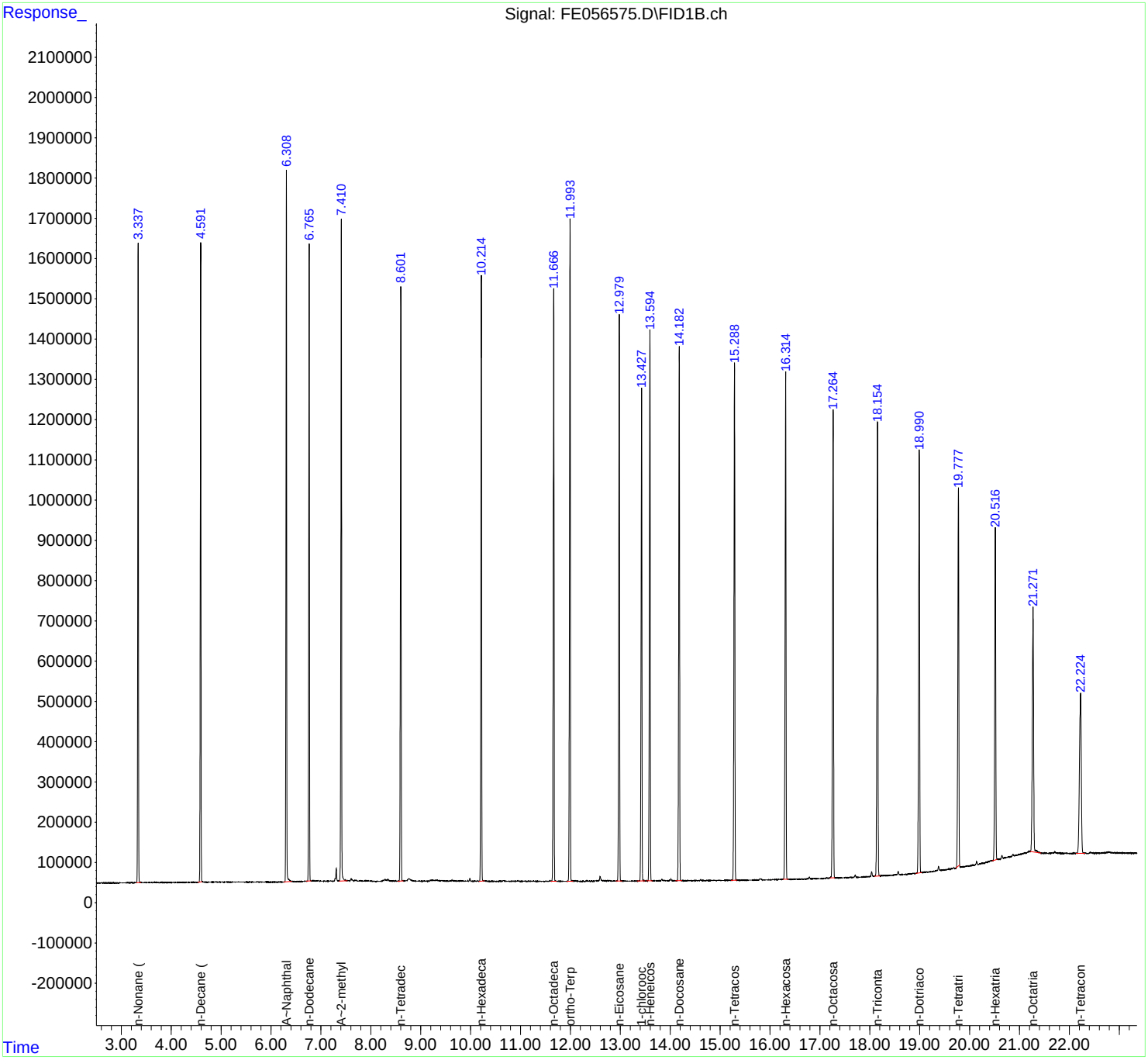
(f)=RT Delta > 1/2 Window (m)=manual int.

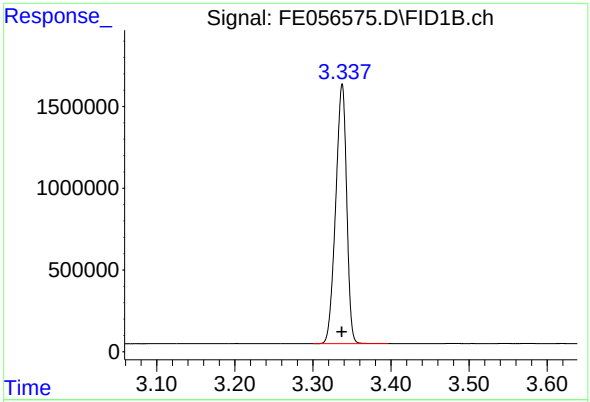
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056575.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 10:20
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Oct 30 12:03:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 11:59:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

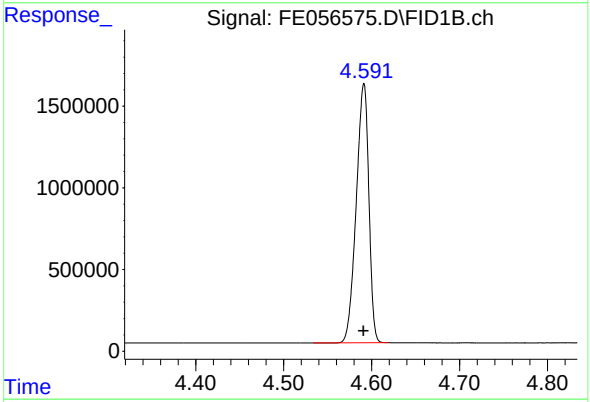




#1 n-Nonane (C9)

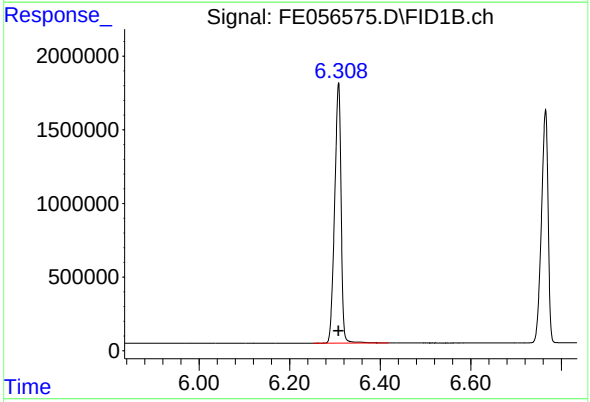
R.T.: 3.337 min
Delta R.T.: 0.000 min
Response: 15510371
Conc: 96.77 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



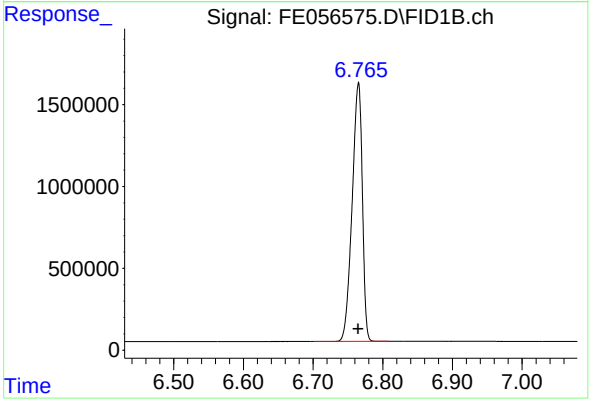
#2 n-Decane (C10)

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 15797359
Conc: 96.50 ug/ml



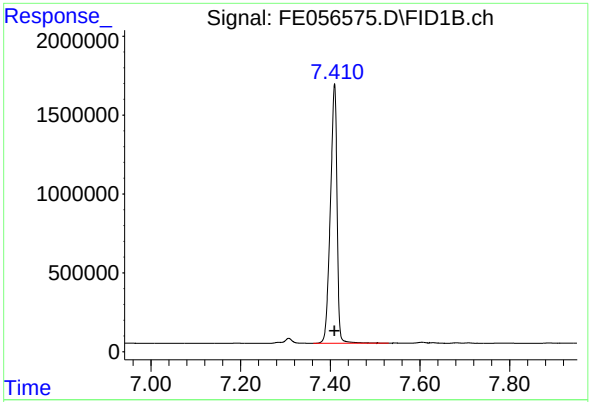
#3 A~Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 17418486
Conc: 97.46 ug/ml



#4 n-Dodecane (C12)

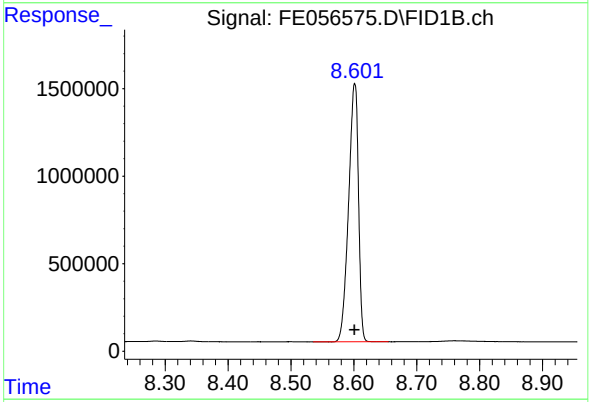
R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 16070610
Conc: 96.65 ug/ml



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

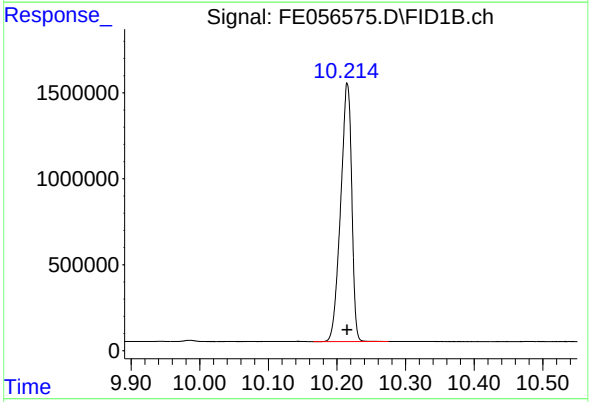
R.T.: 7.409 min
Delta R.T.: 0.000 min
Response: 16955970
Conc: 98.04 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



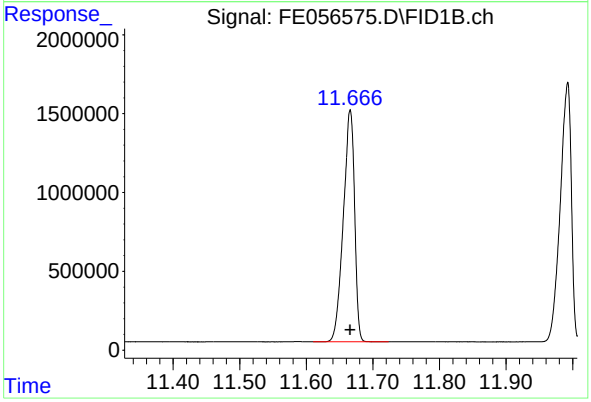
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 16108586
Conc: 96.79 ug/ml



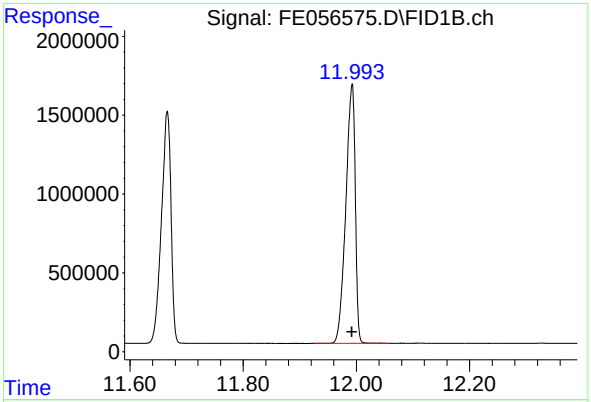
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.000 min
Response: 16849850
Conc: 96.65 ug/ml



#8 n-Octadecane (C18)

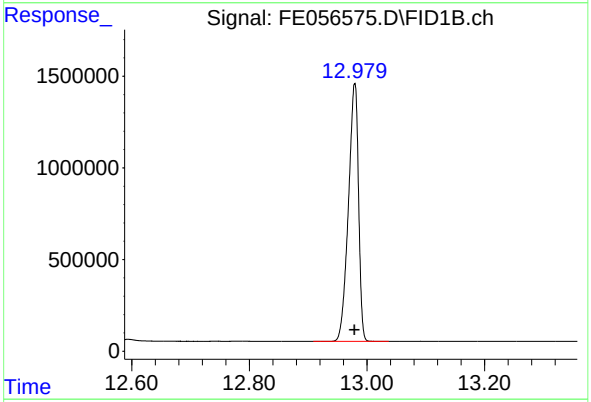
R.T.: 11.666 min
Delta R.T.: 0.000 min
Response: 17249418
Conc: 96.24 ug/ml



#9 ortho-Terphenyl (SURR)

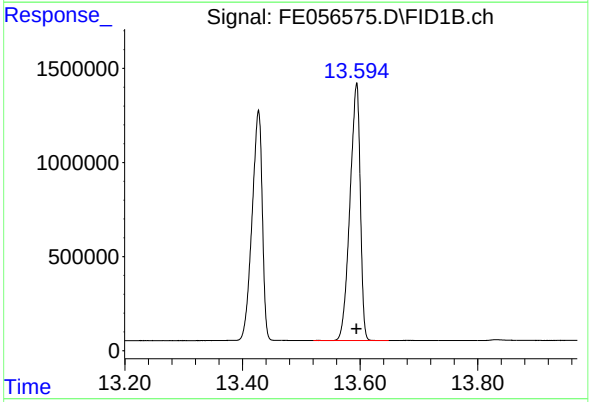
R.T.: 11.992 min
Delta R.T.: 0.000 min
Response: 19059851
Conc: 96.24 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



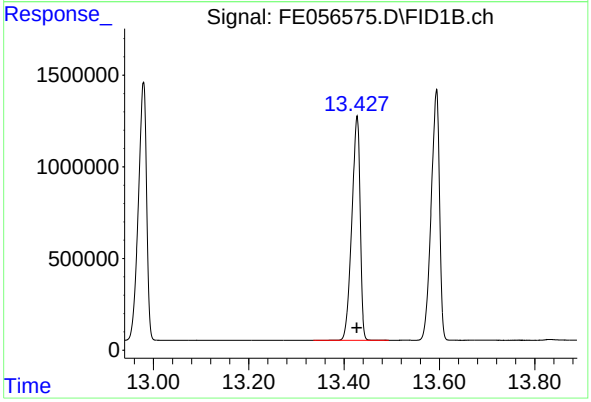
#10 n-Eicosane (C20)

R.T.: 12.979 min
Delta R.T.: 0.000 min
Response: 16787284
Conc: 95.93 ug/ml



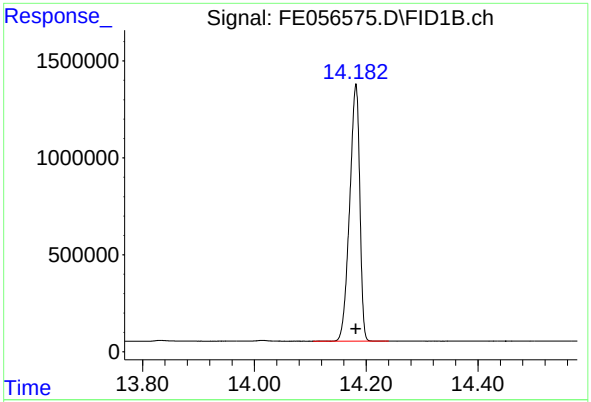
#11 n-Heneicosane (C21)

R.T.: 13.593 min
Delta R.T.: 0.000 min
Response: 16598194
Conc: 95.93 ug/ml



#12 1-chlorooctadecane (SURR)

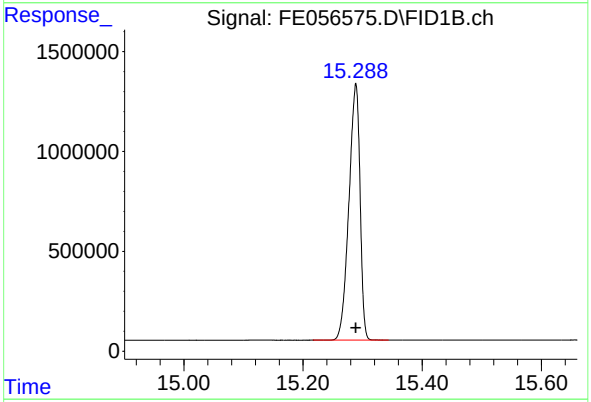
R.T.: 13.427 min
Delta R.T.: 0.000 min
Response: 14749289
Conc: 96.36 ug/ml



#13 n-Docosane (C22)

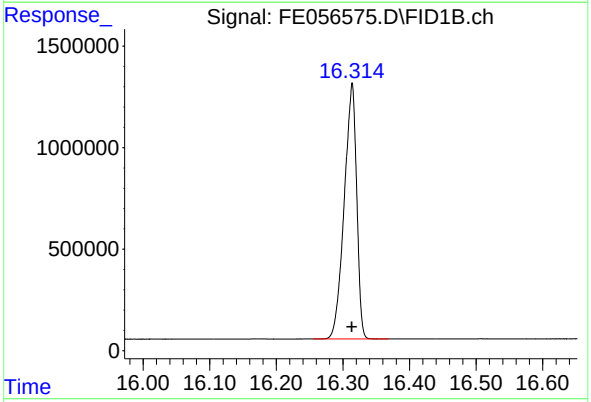
R.T.: 14.181 min
Delta R.T.: 0.000 min
Response: 16594646
Conc: 95.89 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



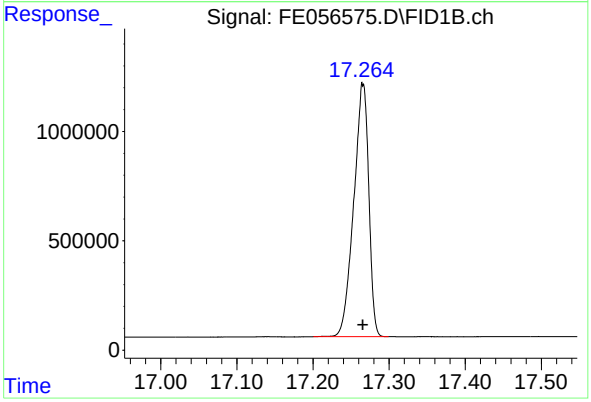
#14 n-Tetracosane (C24)

R.T.: 15.288 min
Delta R.T.: 0.000 min
Response: 16611261
Conc: 95.63 ug/ml



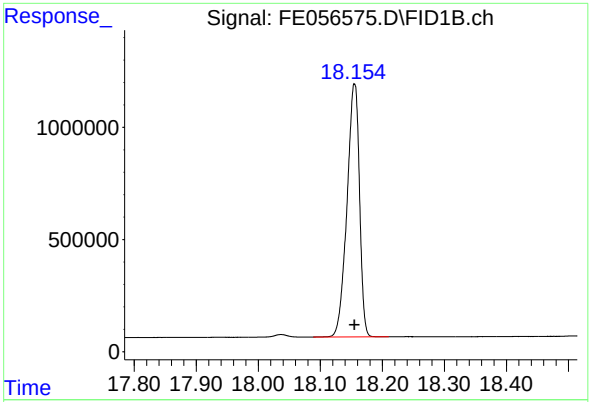
#15 n-Hexacosane (C26)

R.T.: 16.313 min
Delta R.T.: 0.000 min
Response: 16325668
Conc: 95.50 ug/ml



#16 n-Octacosane (C28)

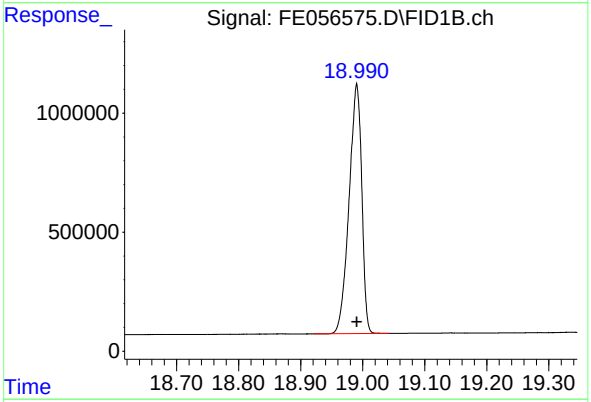
R.T.: 17.266 min
Delta R.T.: 0.000 min
Response: 15859780
Conc: 94.79 ug/ml



#17 n-Tricontane (C30)

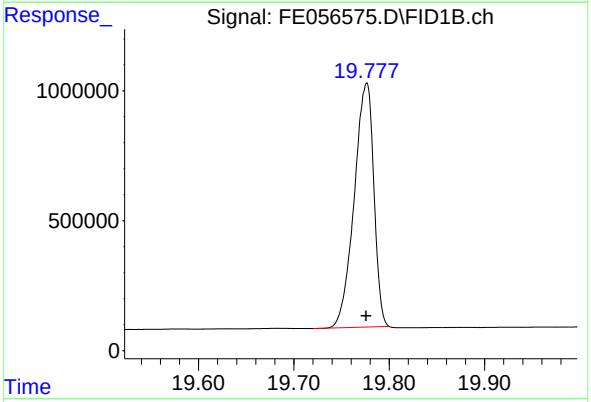
R.T.: 18.155 min
Delta R.T.: 0.000 min
Response: 15787066
Conc: 93.07 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



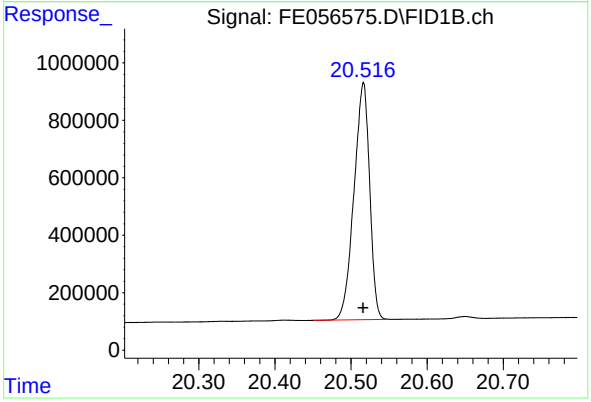
#18 n-Dotriacontane (C32)

R.T.: 18.990 min
Delta R.T.: 0.000 min
Response: 14882432
Conc: 91.30 ug/ml



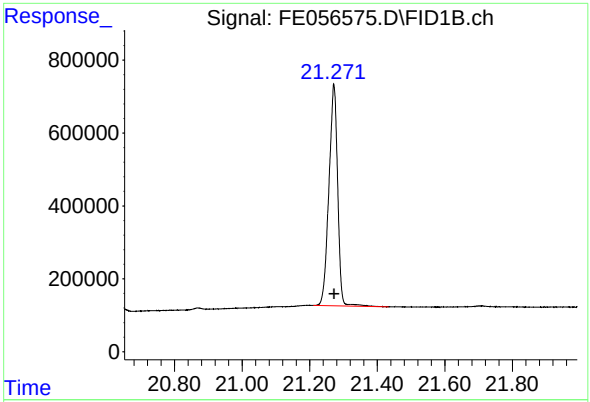
#19 n-Tetratriacontane (C34)

R.T.: 19.776 min
Delta R.T.: 0.000 min
Response: 13398021
Conc: 91.10 ug/ml



#20 n-Hexatriacontane (C36)

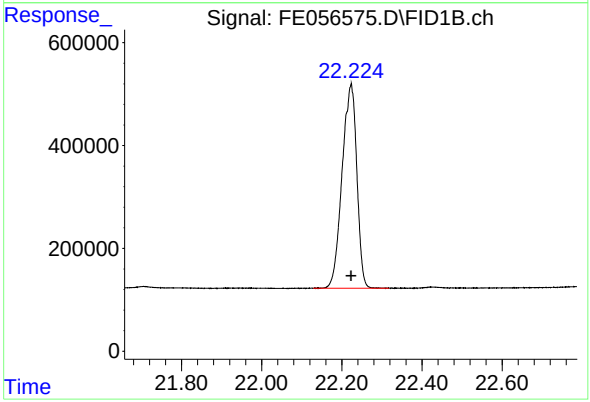
R.T.: 20.516 min
Delta R.T.: 0.000 min
Response: 11781393
Conc: 92.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.272 min
Delta R.T.: 0.000 min
Response: 10906555
Conc: 95.31 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.223 min
Delta R.T.: 0.000 min
Response: 10108109
Conc: 95.43 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056575.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 10:20
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	3.337	3.300	3.397	BB	1587559	15510371	81.38%	4.543%
2	4.591	4.534	4.619	BBA	1581962	15797359	82.88%	4.627%
3	6.308	6.252	6.419	BB	1757870	17418486	91.39%	5.102%
4	6.765	6.700	6.809	BB	1584765	16070610	84.32%	4.707%
5	7.409	7.362	7.530	PV	1636096	16955970	88.96%	4.966%
6	8.601	8.535	8.655	BB	1480313	16108586	84.52%	4.718%
7	10.215	10.165	10.275	BB	1502827	16849850	88.40%	4.935%
8	11.666	11.610	11.724	BB	1469692	17249418	90.50%	5.052%
9	11.992	11.924	12.057	BB	1639468	19059851	100.00%	5.583%
10	12.979	12.909	13.037	BB	1409836	16787284	88.08%	4.917%
11	13.427	13.335	13.494	BB	1223044	14749289	77.38%	4.320%
12	13.593	13.520	13.649	BB	1361908	16598194	87.08%	4.862%
13	14.181	14.105	14.240	BB	1330972	16594646	87.07%	4.861%
14	15.288	15.217	15.344	BB	1288586	16611261	87.15%	4.865%
15	16.313	16.255	16.369	BB	1263736	16325668	85.65%	4.782%
16	17.266	17.200	17.299	BBA	1155432	15859780	83.21%	4.645%
17	18.155	18.089	18.210	BB	1127298	15787066	82.83%	4.624%
18	18.990	18.920	19.042	BB	1047781	14882432	78.08%	4.359%
19	19.776	19.720	19.799	BBA	935373	13398021	70.29%	3.924%
20	20.516	20.450	20.549	BBA	822409	11781393	61.81%	3.451%
21	21.272	21.210	21.434	BB	606103	10906555	57.22%	3.195%
22	22.223	22.129	22.317	BB	398455	10108109	53.03%	2.961%

Sum of corrected areas: 341410195

Aliphatic EPH 103025.M Thu Oct 30 12:55:02 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056576.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 10:50
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Oct 30 12:05:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 11:59:52 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)	11.985	10390390	51.615 ug/ml
Spiked Amount	50.000		Recovery =	103.23%
12)	S 1-chlorooctadecane (S...	13.422	8069798	51.782 ug/ml
Spiked Amount	50.000		Recovery =	103.56%
	Target Compounds			
1)	T n-Nonane (C9)	3.334	8283699	51.108 ug/ml
2)	T n-Decane (C10)	4.587	8458707	51.101 ug/ml
3)	T A~Naphthalene (C11.7)	6.303	9255687	51.178 ug/ml
4)	T n-Dodecane (C12)	6.761	8630420	51.255 ug/ml
5)	T A~2-methylnaphthalene...	7.404	9018328	51.408 ug/ml
6)	T n-Tetradecane (C14)	8.597	8702299	51.502 ug/ml
7)	T n-Hexadecane (C16)	10.210	9165065	51.685 ug/ml
8)	T n-Octadecane (C18)	11.660	9466424	51.842 ug/ml
10)	T n-Eicosane (C20)	12.974	9224749	51.777 ug/ml
11)	T n-Heneicosane (C21)	13.588	9116016	51.761 ug/ml
13)	T n-Docosane (C22)	14.176	9188407	52.021 ug/ml
14)	T n-Tetracosane (C24)	15.283	9376021	52.583 ug/ml
15)	T n-Hexacosane (C26)	16.307	9244371	52.644 ug/ml
16)	T n-Octacosane (C28)	17.261	9040985	52.620 ug/ml
17)	T n-Tricontane (C30)	18.150	9116641	52.435 ug/ml
18)	T n-Dotriacontane (C32)	18.985	8697901	52.190 ug/ml
19)	T n-Tetratriacontane (C34)	19.770	7726773	51.665 ug/ml
20)	T n-Hexatriacontane (C36)	20.510	6593672	51.172 ug/ml
21)	T n-Octatriacontane (C38)	21.266	5889118	50.965 ug/ml
22)	T n-Tetracontane (C40)	22.214	5525608	51.424 ug/ml

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

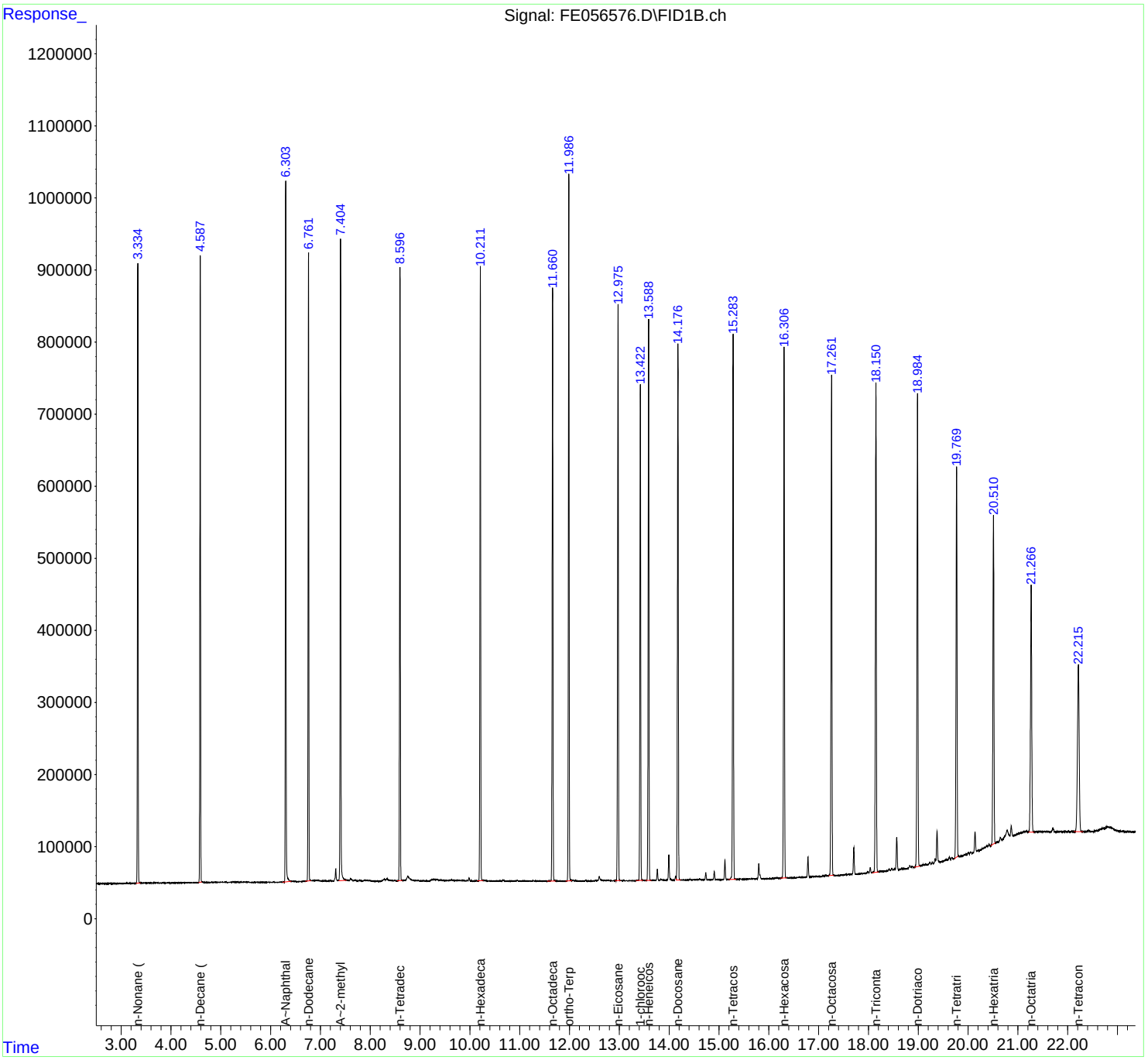
Quantitation Report (QT Reviewed)

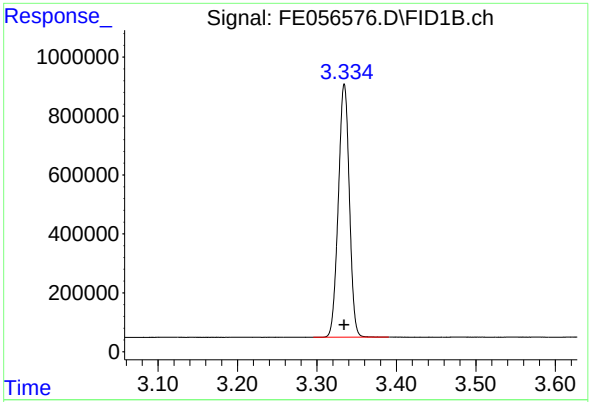
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056576.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 10:50
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Oct 30 12:05:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 11:59:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

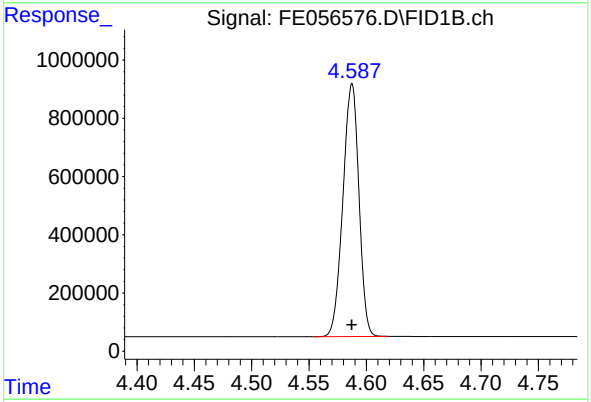




#1 n-Nonane (C9)

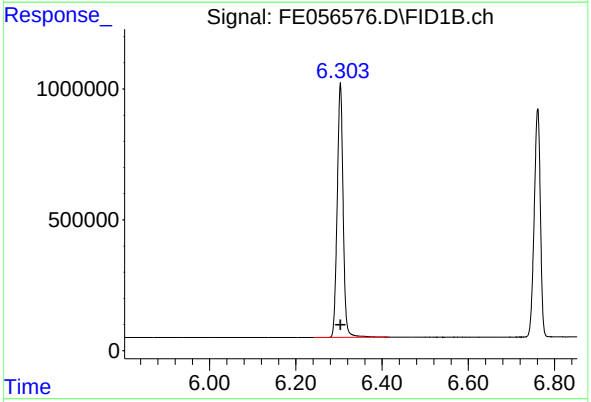
R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 8283699
Conc: 51.11 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



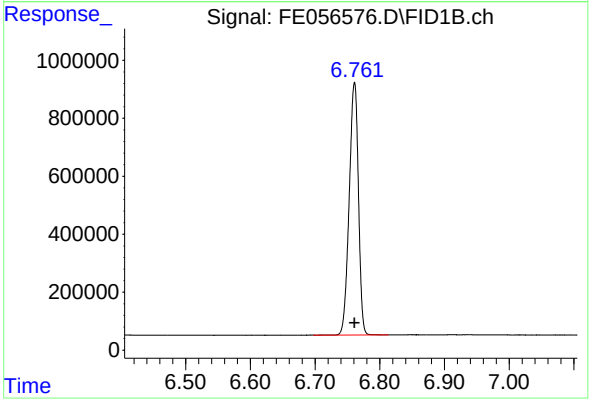
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: 0.000 min
Response: 8458707
Conc: 51.10 ug/ml



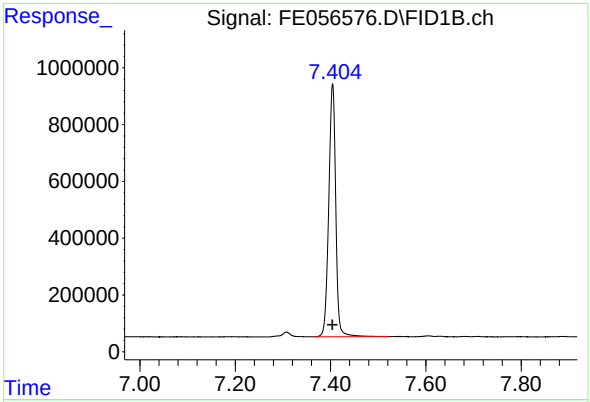
#3 A~Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 9255687
Conc: 51.18 ug/ml



#4 n-Dodecane (C12)

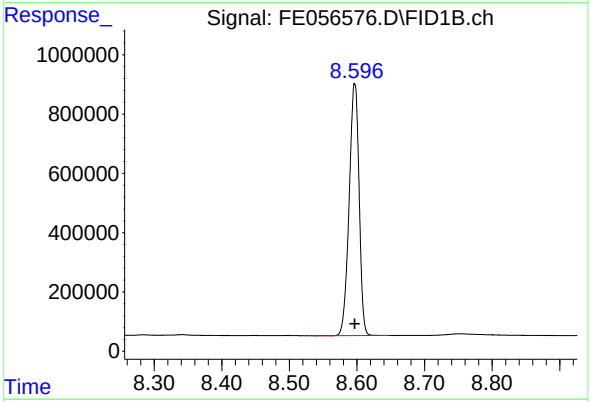
R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 8630420
Conc: 51.25 ug/ml



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

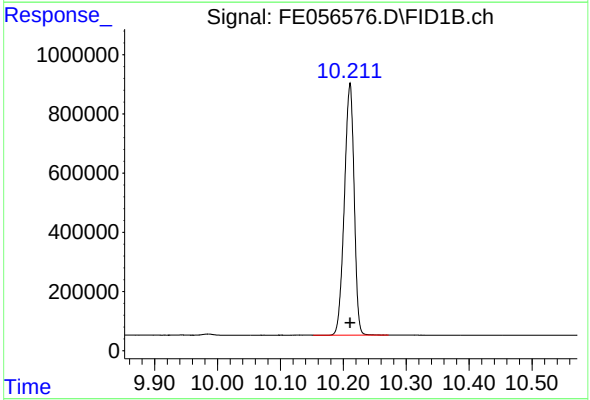
R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 9018328
Conc: 51.41 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



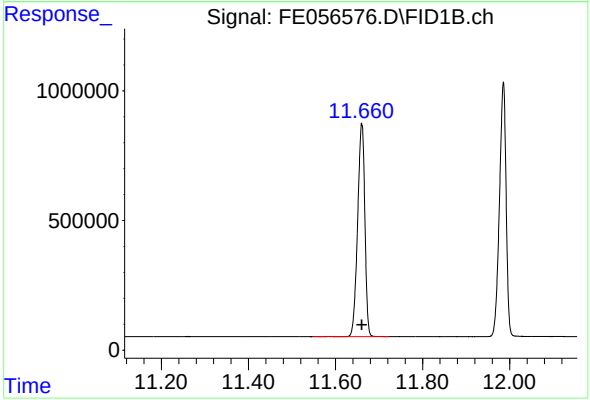
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: 0.000 min
Response: 8702299
Conc: 51.50 ug/ml



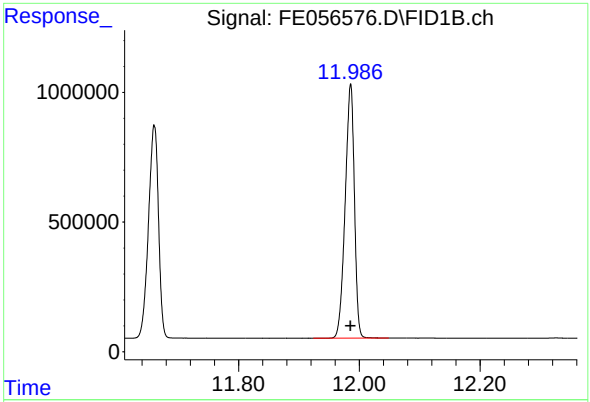
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.000 min
Response: 9165065
Conc: 51.68 ug/ml



#8 n-Octadecane (C18)

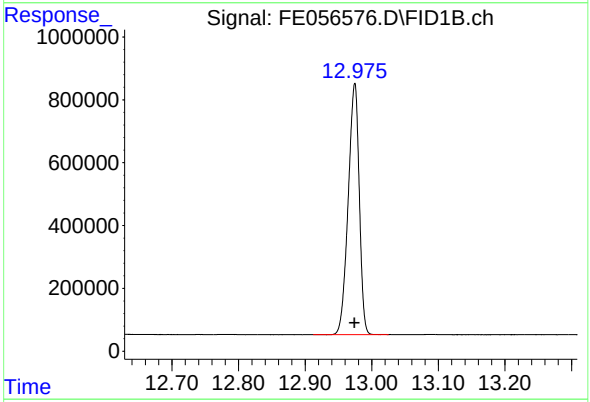
R.T.: 11.660 min
Delta R.T.: 0.000 min
Response: 9466424
Conc: 51.84 ug/ml



#9 ortho-Terphenyl (SURR)

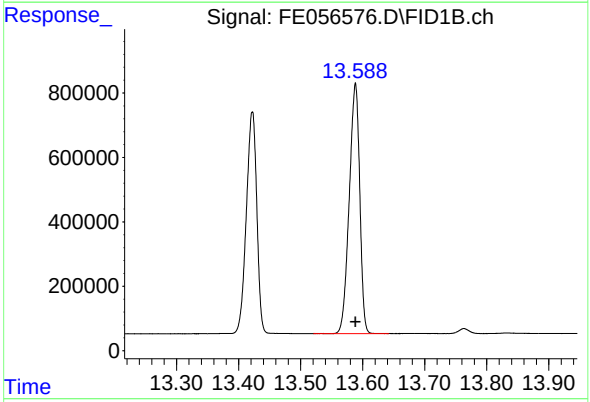
R.T.: 11.985 min
Delta R.T.: 0.000 min
Response: 10390390
Conc: 51.61 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



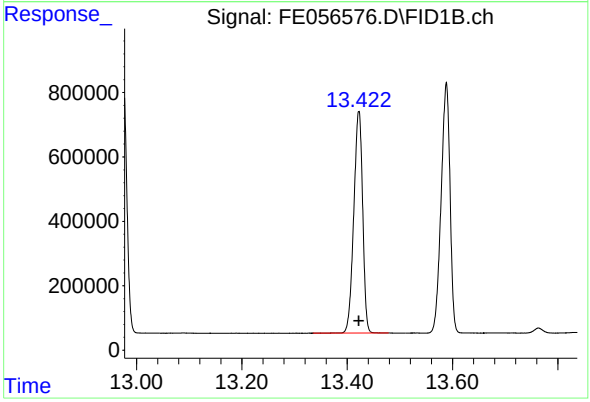
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 9224749
Conc: 51.78 ug/ml



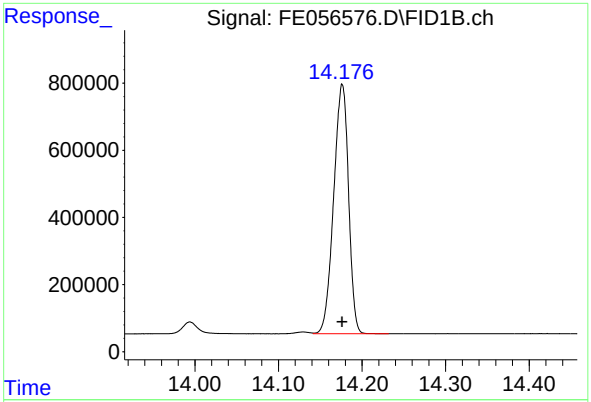
#11 n-Heneicosane (C21)

R.T.: 13.588 min
Delta R.T.: 0.000 min
Response: 9116016
Conc: 51.76 ug/ml



#12 1-chlorooctadecane (SURR)

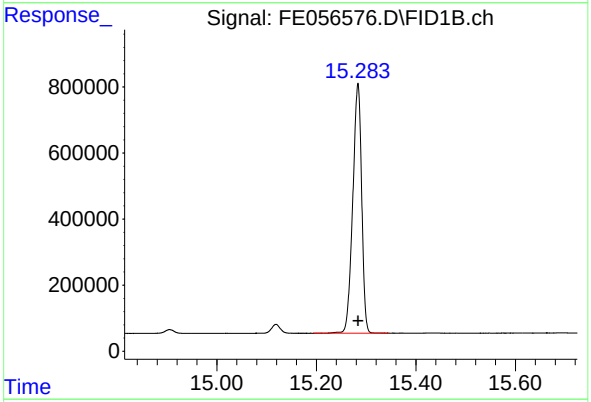
R.T.: 13.422 min
Delta R.T.: 0.000 min
Response: 8069798
Conc: 51.78 ug/ml



#13 n-Docosane (C22)

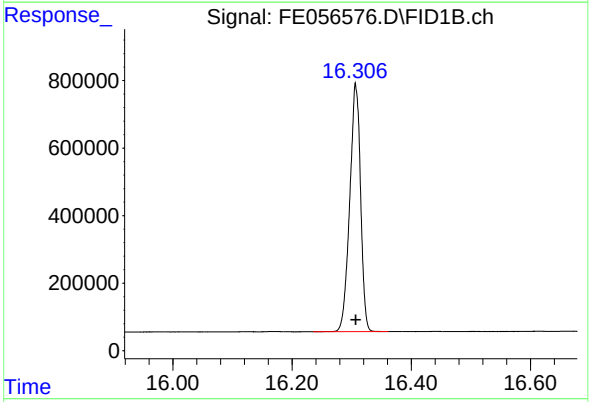
R.T.: 14.176 min
Delta R.T.: 0.000 min
Response: 9188407
Conc: 52.02 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



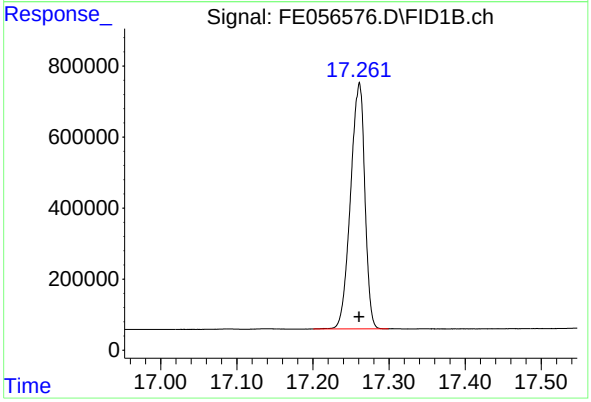
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: 0.000 min
Response: 9376021
Conc: 52.58 ug/ml



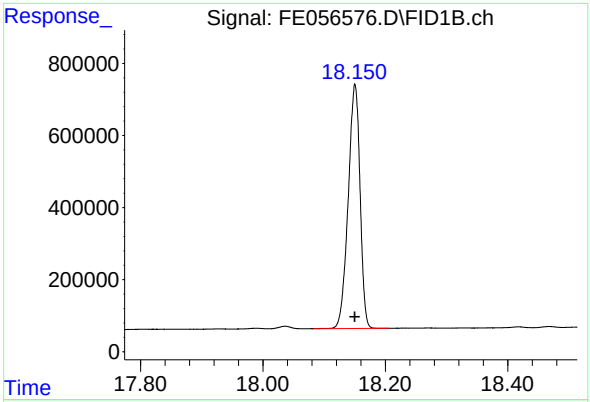
#15 n-Hexacosane (C26)

R.T.: 16.307 min
Delta R.T.: 0.000 min
Response: 9244371
Conc: 52.64 ug/ml



#16 n-Octacosane (C28)

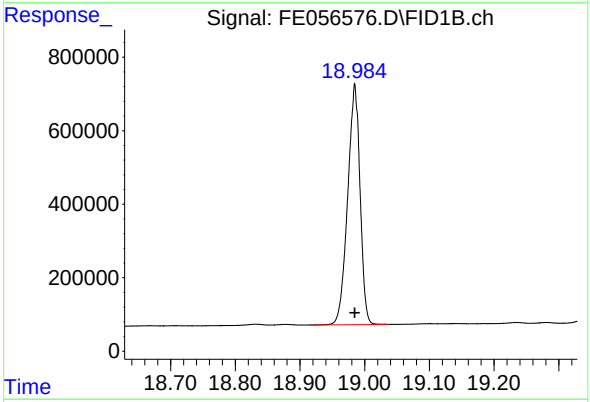
R.T.: 17.261 min
Delta R.T.: 0.000 min
Response: 9040985
Conc: 52.62 ug/ml



#17 n-Tricontane (C30)

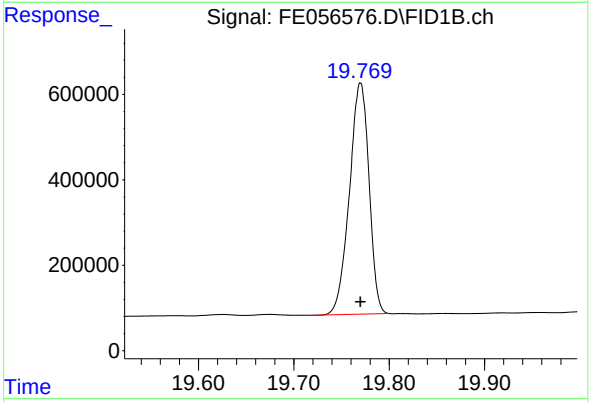
R.T.: 18.150 min
Delta R.T.: 0.000 min
Response: 9116641
Conc: 52.43 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



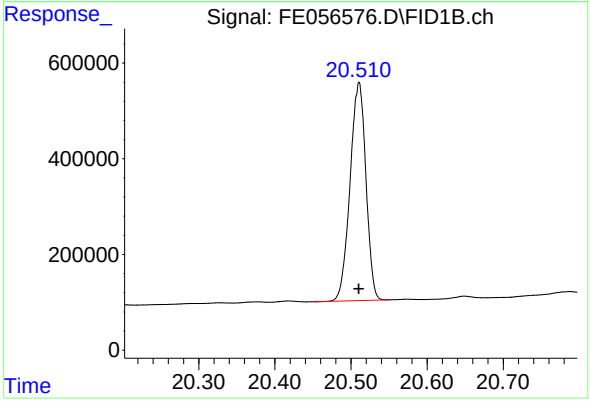
#18 n-Dotriacontane (C32)

R.T.: 18.985 min
Delta R.T.: 0.000 min
Response: 8697901
Conc: 52.19 ug/ml



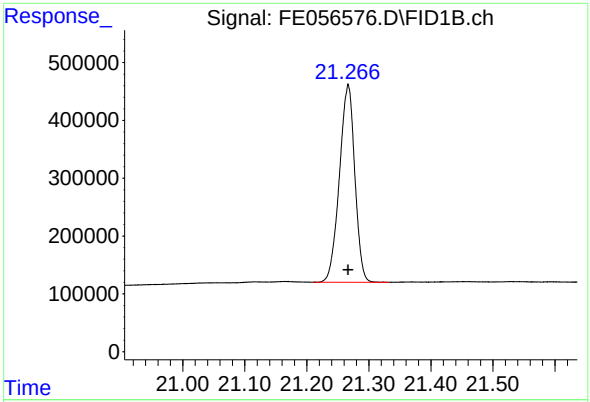
#19 n-Tetratriacontane (C34)

R.T.: 19.770 min
Delta R.T.: 0.000 min
Response: 7726773
Conc: 51.67 ug/ml



#20 n-Hexatriacontane (C36)

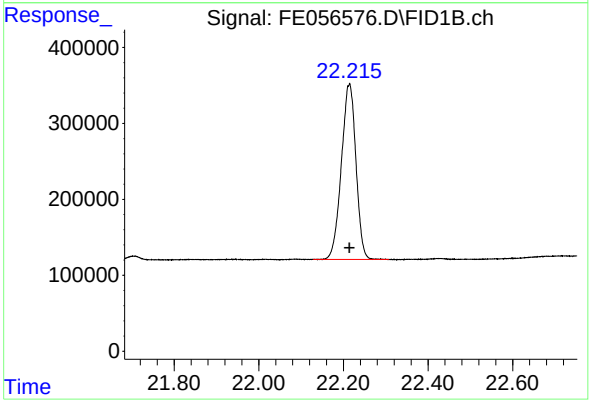
R.T.: 20.510 min
Delta R.T.: 0.000 min
Response: 6593672
Conc: 51.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.266 min
Delta R.T.: 0.000 min
Response: 5889118
Conc: 50.97 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.214 min
Delta R.T.: 0.000 min
Response: 5525608
Conc: 51.42 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056576.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 10:50
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	3.334	3.295	3.390	BB	859468	8283699	79.72%	4.402%
2	4.587	4.554	4.619	BBA	868249	8458707	81.41%	4.495%
3	6.303	6.240	6.415	BB	974202	9255687	89.08%	4.919%
4	6.761	6.697	6.814	BB	869786	8630420	83.06%	4.586%
5	7.404	7.364	7.522	BB	890333	9018328	86.79%	4.792%
6	8.597	8.535	8.647	BB	849680	8702299	83.75%	4.624%
7	10.210	10.152	10.272	BB	848274	9165065	88.21%	4.870%
8	11.660	11.549	11.722	BB	822893	9466424	91.11%	5.030%
9	11.985	11.924	12.049	BB	981415	10390390	100.00%	5.521%
10	12.974	12.912	13.025	BB	797927	9224749	88.78%	4.902%
11	13.422	13.335	13.479	BB	689355	8069798	77.67%	4.288%
12	13.588	13.520	13.642	BB	780350	9116016	87.74%	4.844%
13	14.176	14.142	14.232	VB	743785	9188407	88.43%	4.883%
14	15.283	15.194	15.345	BB	757600	9376021	90.24%	4.982%
15	16.307	16.235	16.362	BB	727588	9244371	88.97%	4.912%
16	17.261	17.200	17.299	BBA	690402	9040985	87.01%	4.804%
17	18.150	18.082	18.205	BB	679486	9116641	87.74%	4.845%
18	18.985	18.920	19.037	BB	654654	8697901	83.71%	4.622%
19	19.770	19.720	19.799	BBA	541984	7726773	74.36%	4.106%
20	20.510	20.450	20.549	BBA	457176	6593672	63.46%	3.504%
21	21.266	21.210	21.332	BB	342971	5889118	56.68%	3.129%
22	22.214	22.129	22.307	BB	230200	5525608	53.18%	2.936%

Sum of corrected areas: 188181079

Aliphatic EPH 103025.M Thu Oct 30 12:57:04 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056577.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 11:20
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Oct 30 12:00:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 11:59:52 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)	11.980	4110239	20.000 ug/ml
Spiked Amount	50.000		Recovery =	40.00%
12) S	1-chlorooctadecane (S...	13.418	3172652	20.000 ug/ml
Spiked Amount	50.000		Recovery =	40.00%
	Target Compounds			
1) T	n-Nonane (C9)	3.333	3309356	20.000 ug/ml
2) T	n-Decane (C10)	4.585	3388814	20.000 ug/ml
3) T	A~Naphthalene (C11.7)	6.302	3665296	20.000 ug/ml
4) T	n-Dodecane (C12)	6.758	3436704	20.000 ug/ml
5) T	A~2-methylnaphthalene...	7.402	3527076	20.000 ug/ml
6) T	n-Tetradecane (C14)	8.593	3435589	20.000 ug/ml
7) T	n-Hexadecane (C16)	10.207	3603610	20.000 ug/ml
8) T	n-Octadecane (C18)	11.656	3719660	20.000 ug/ml
10) T	n-Eicosane (C20)	12.970	3642327	20.000 ug/ml
11) T	n-Heneicosane (C21)	13.584	3600979	20.000 ug/ml
13) T	n-Docosane (C22)	14.172	3603427	20.000 ug/ml
14) T	n-Tetracosane (C24)	15.278	3625778	20.000 ug/ml
15) T	n-Hexacosane (C26)	16.302	3573189	20.000 ug/ml
16) T	n-Octacosane (C28)	17.255	3520565	20.000 ug/ml
17) T	n-Tricontane (C30)	18.146	3627924	20.000 ug/ml
18) T	n-Dotriacontane (C32)	18.981	3543930	20.000 ug/ml
19) T	n-Tetratriacontane (C34)	19.766	3202986	20.000 ug/ml
20) T	n-Hexatriacontane (C36)	20.507	2737391	20.000 ug/ml
21) T	n-Octatriacontane (C38)	21.262	2396120	20.000 ug/ml
22) T	n-Tetracontane (C40)	22.211	2215261	20.000 ug/ml

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

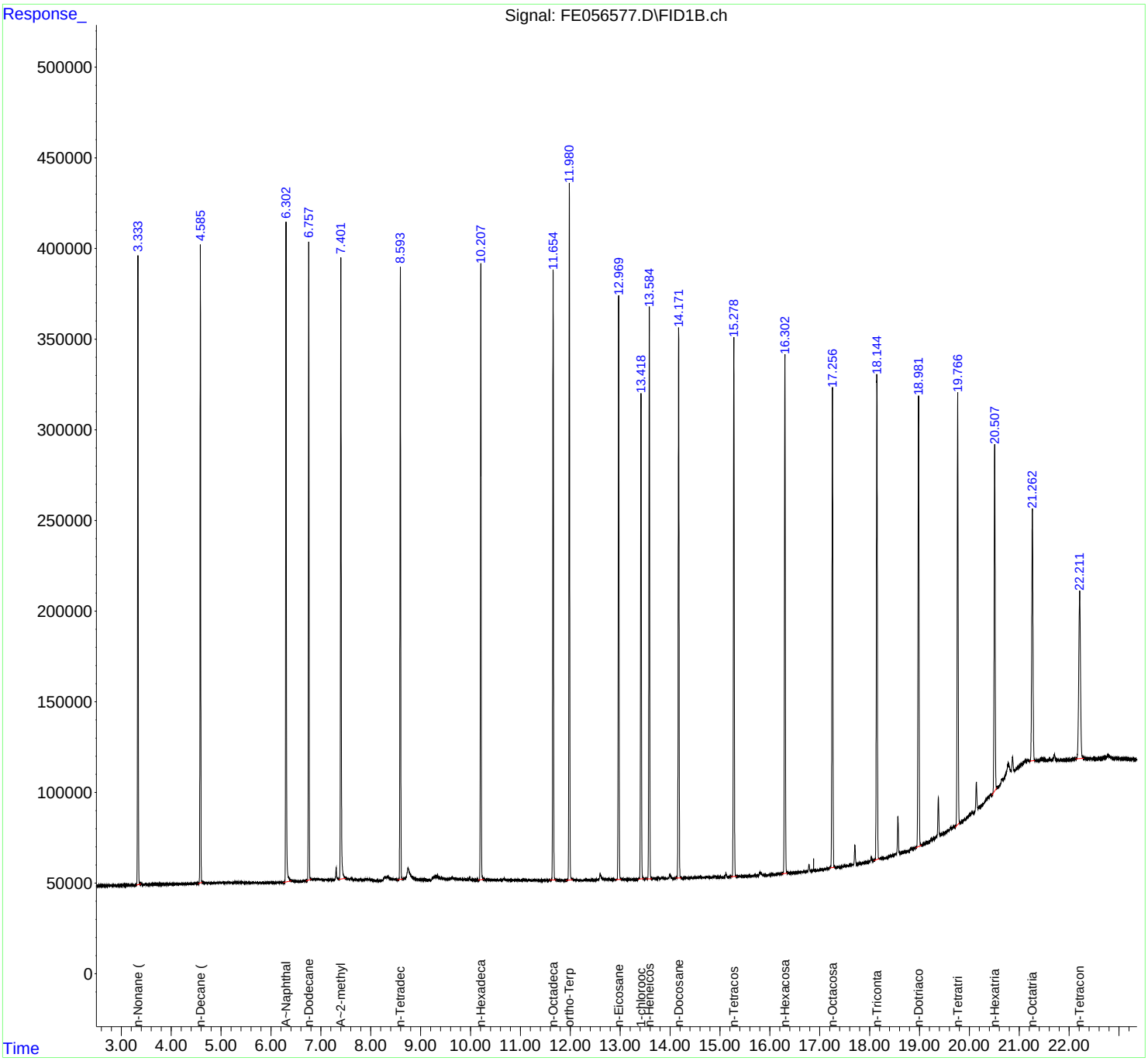
Quantitation Report (QT Reviewed)

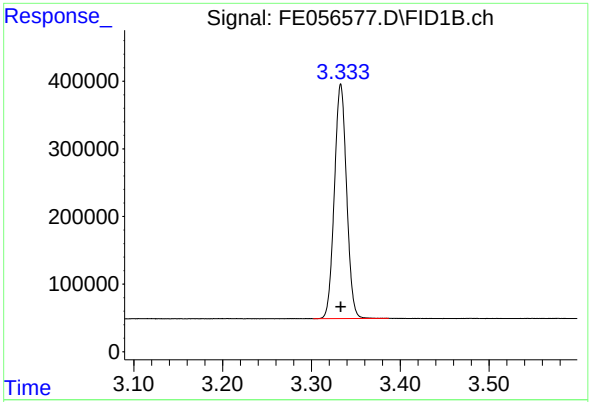
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056577.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 11:20
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Oct 30 12:00:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 11:59:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

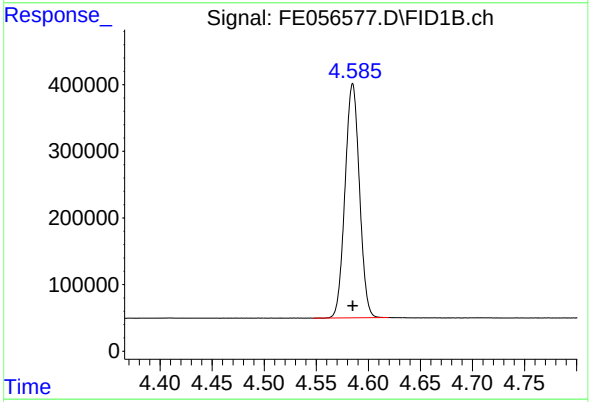




#1 n-Nonane (C9)

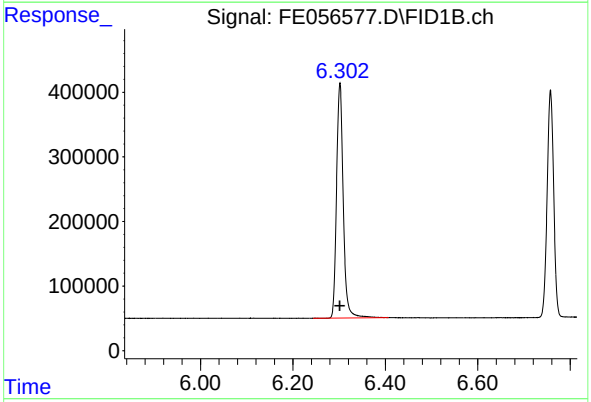
R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 3309356
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



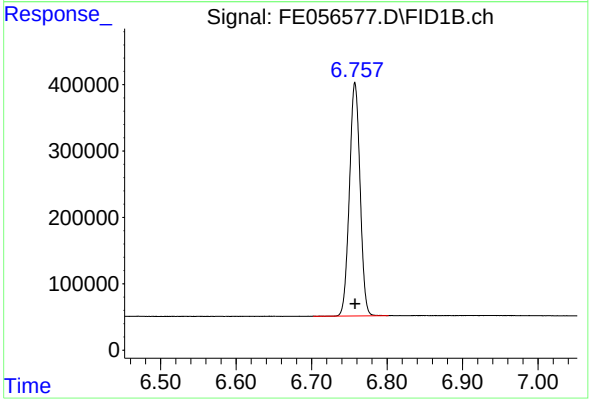
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 3388814
Conc: 20.00 ug/ml



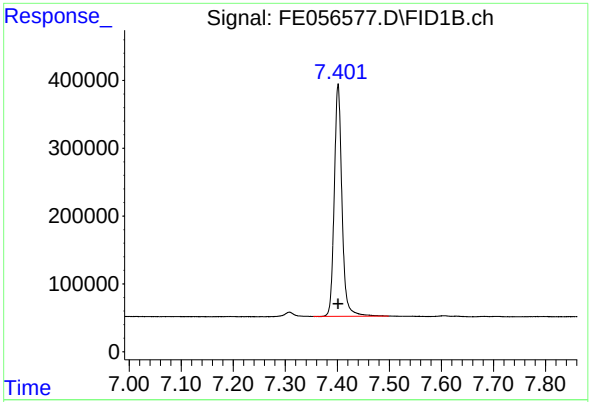
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 3665296
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

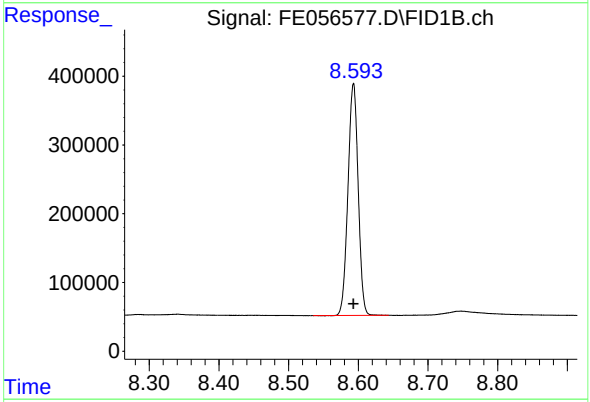
R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 3436704
Conc: 20.00 ug/ml



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

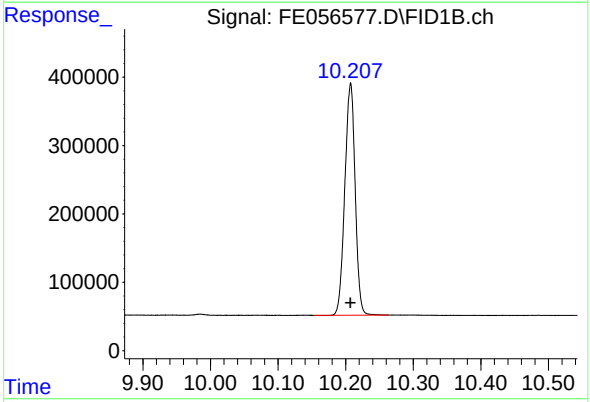
R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 3527076
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



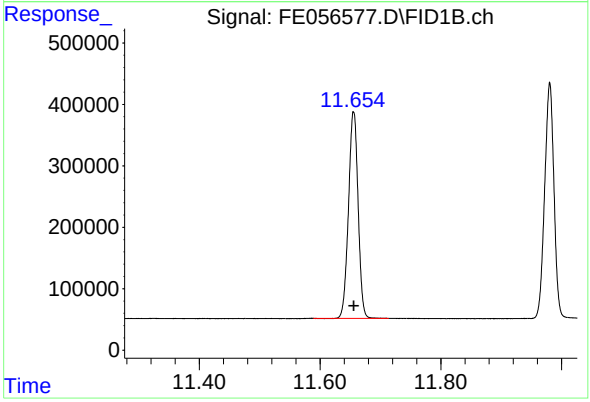
#6 n-Tetradecane (C14)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 3435589
Conc: 20.00 ug/ml



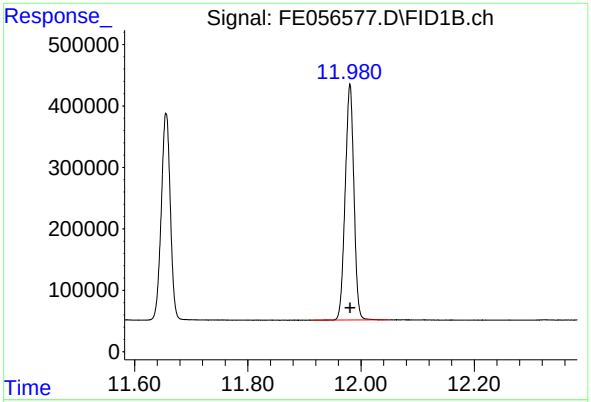
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: 0.000 min
Response: 3603610
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

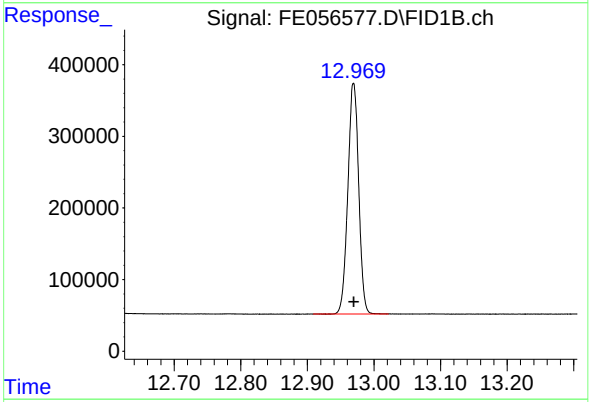
R.T.: 11.656 min
Delta R.T.: 0.000 min
Response: 3719660
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

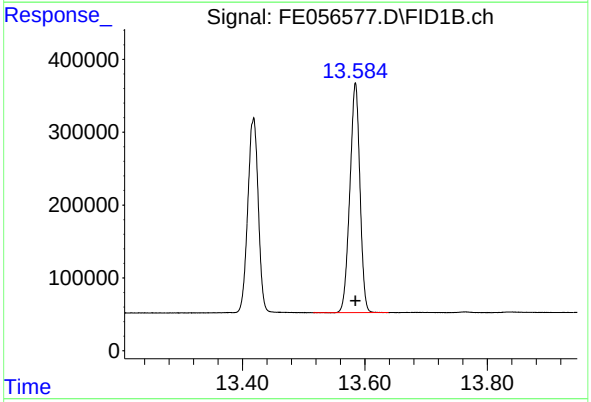
R.T.: 11.980 min
Delta R.T.: 0.000 min
Response: 4110239
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



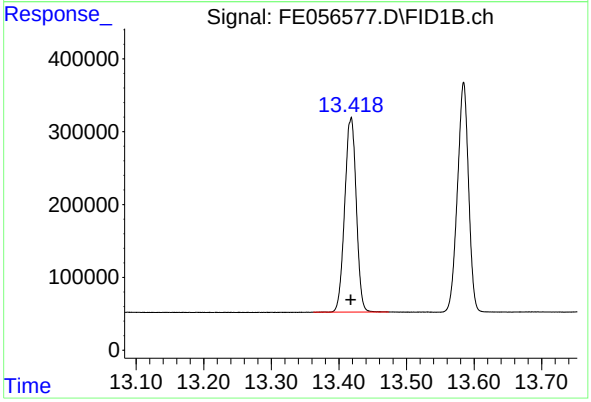
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: 0.000 min
Response: 3642327
Conc: 20.00 ug/ml



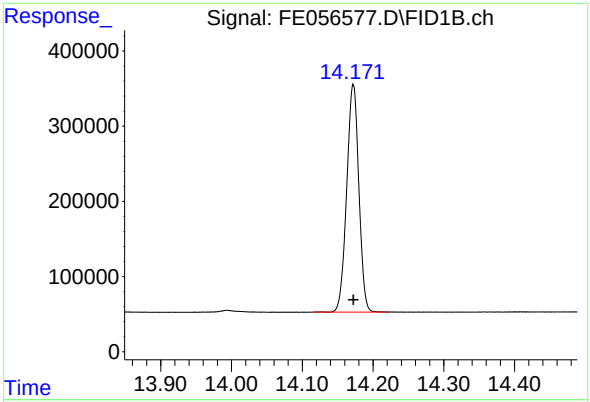
#11 n-Heneicosane (C21)

R.T.: 13.584 min
Delta R.T.: 0.000 min
Response: 3600979
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

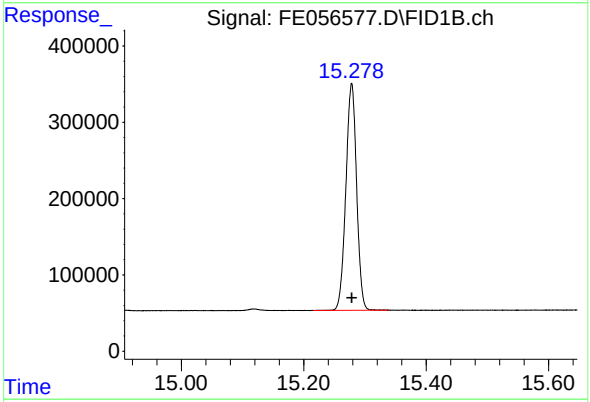
R.T.: 13.418 min
Delta R.T.: 0.000 min
Response: 3172652
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

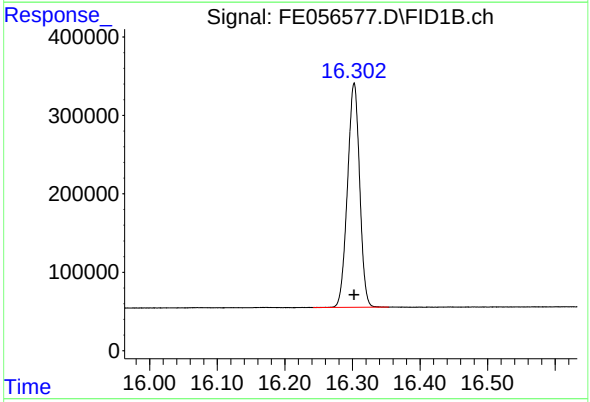
R.T.: 14.172 min
Delta R.T.: 0.000 min
Response: 3603427
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



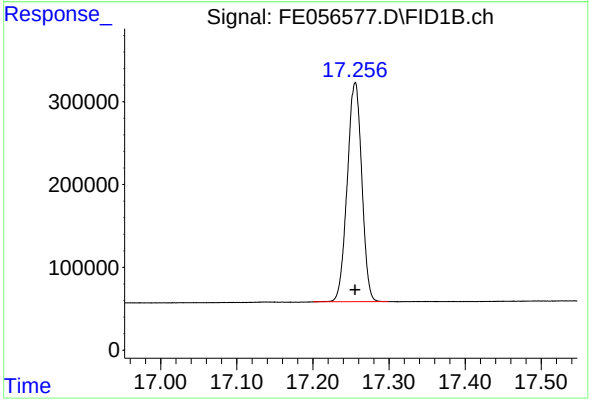
#14 n-Tetracosane (C24)

R.T.: 15.278 min
Delta R.T.: 0.000 min
Response: 3625778
Conc: 20.00 ug/ml



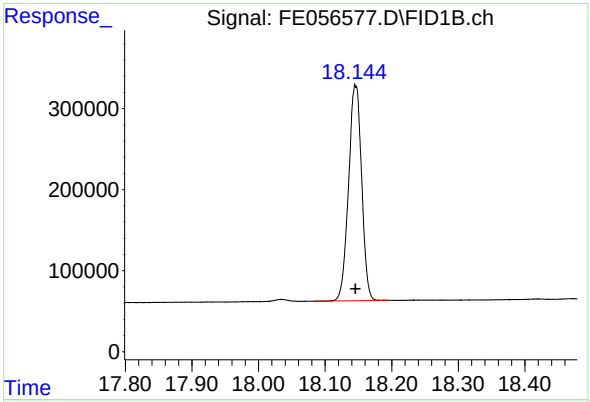
#15 n-Hexacosane (C26)

R.T.: 16.302 min
Delta R.T.: 0.000 min
Response: 3573189
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

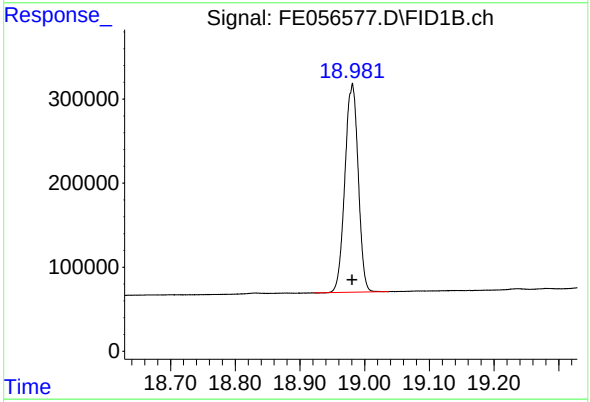
R.T.: 17.255 min
Delta R.T.: 0.000 min
Response: 3520565
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

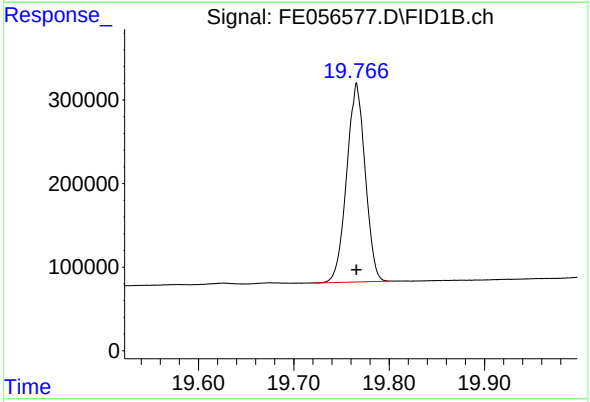
R.T.: 18.146 min
Delta R.T.: 0.000 min
Response: 3627924
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



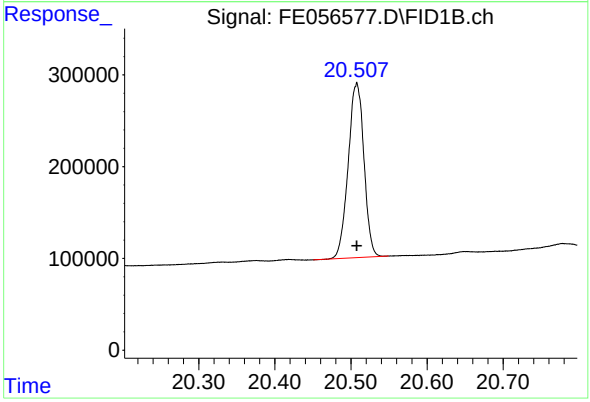
#18 n-Dotriacontane (C32)

R.T.: 18.981 min
Delta R.T.: 0.000 min
Response: 3543930
Conc: 20.00 ug/ml



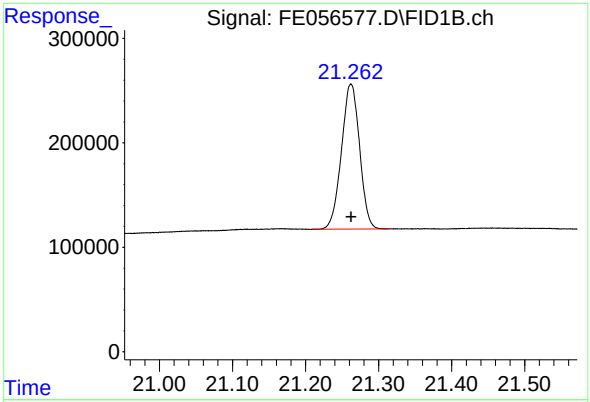
#19 n-Tetratriacontane (C34)

R.T.: 19.766 min
Delta R.T.: 0.000 min
Response: 3202986
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

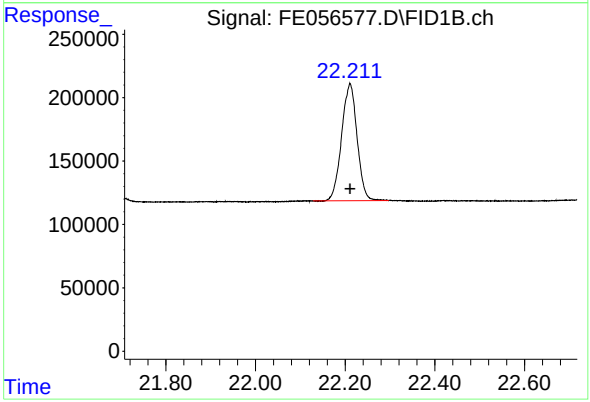
R.T.: 20.507 min
Delta R.T.: 0.000 min
Response: 2737391
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.262 min
Delta R.T.: 0.000 min
Response: 2396120
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.211 min
Delta R.T.: 0.000 min
Response: 2215261
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056577.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 11:20
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	3.333	3.302	3.387	BB	346822	3309356	80.51%	4.433%
2	4.585	4.547	4.619	BBA	352192	3388814	82.45%	4.539%
3	6.302	6.244	6.407	BB	364861	3665296	89.17%	4.909%
4	6.758	6.702	6.802	BB	351549	3436704	83.61%	4.603%
5	7.402	7.354	7.499	BB	342824	3527076	85.81%	4.724%
6	8.593	8.535	8.644	BB	338958	3435589	83.59%	4.602%
7	10.207	10.152	10.264	BB	338730	3603610	87.67%	4.827%
8	11.656	11.589	11.714	BB	336890	3719660	90.50%	4.982%
9	11.980	11.915	12.049	BB	384534	4110239	100.00%	5.505%
10	12.970	12.909	13.022	BB	322608	3642327	88.62%	4.879%
11	13.418	13.362	13.474	BB	264565	3172652	77.19%	4.250%
12	13.584	13.515	13.639	BB	315131	3600979	87.61%	4.823%
13	14.172	14.115	14.222	BB	303235	3603427	87.67%	4.827%
14	15.278	15.215	15.339	BB	298227	3625778	88.21%	4.856%
15	16.302	16.242	16.354	BB	285534	3573189	86.93%	4.786%
16	17.255	17.200	17.299	BBA	264764	3520565	85.65%	4.716%
17	18.146	18.082	18.195	BB	266055	3627924	88.27%	4.859%
18	18.981	18.920	19.037	BB	246347	3543930	86.22%	4.747%
19	19.766	19.720	19.799	BBA	237128	3202986	77.93%	4.290%
20	20.507	20.450	20.549	BBA	189105	2737391	66.60%	3.667%
21	21.262	21.210	21.314	BB	138965	2396120	58.30%	3.209%
22	22.211	22.129	22.297	BB	92560	2215261	53.90%	2.967%
			Sum of corrected areas:			74658870		

Aliphatic EPH 103025.M Thu Oct 30 12:57:56 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056578.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 11:51
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Oct 30 12:21:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:21:37 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)	11.979	2175105	10.592 ug/ml
Spiked Amount	50.000		Recovery =	21.18%
12) S	1-chlorooctadecane (S...	13.417	1673178	10.542 ug/ml
Spiked Amount	50.000		Recovery =	21.08%
	Target Compounds			
1) T	n-Nonane (C9)	3.332	1739861	10.541 ug/ml
2) T	n-Decane (C10)	4.584	1778707	10.549 ug/ml
3) T	A~Naphthalene (C11.7)	6.302	1900301	10.376 ug/ml
4) T	n-Dodecane (C12)	6.757	1805400	10.532 ug/ml
5) T	A~2-methylnaphthalene...	7.401	1809756	10.235 ug/ml
6) T	n-Tetradecane (C14)	8.592	1806960	10.512 ug/ml
7) T	n-Hexadecane (C16)	10.206	1900814	10.530 ug/ml
8) T	n-Octadecane (C18)	11.654	1972225	10.589 ug/ml
10) T	n-Eicosane (C20)	12.969	1949024	10.689 ug/ml
11) T	n-Heneicosane (C21)	13.583	1922827	10.673 ug/ml
13) T	n-Docosane (C22)	14.171	1965821	10.824 ug/ml
14) T	n-Tetracosane (C24)	15.278	2071768	11.167 ug/ml
15) T	n-Hexacosane (C26)	16.302	2057752	11.236 ug/ml
16) T	n-Octacosane (C28)	17.255	2055084	11.402 ug/ml
17) T	n-Tricontane (C30)	18.145	2121276	11.564 ug/ml
18) T	n-Dotriacontane (C32)	18.980	2084284	11.769 ug/ml
19) T	n-Tetratriacontane (C34)	19.764	1830892	11.592 ug/ml
20) T	n-Hexatriacontane (C36)	20.507	1529216	11.338 ug/ml
21) T	n-Octatriacontane (C38)	21.262	1330818	11.096 ug/ml
22) T	n-Tetracontane (C40)	22.208	1245352	11.147 ug/ml

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

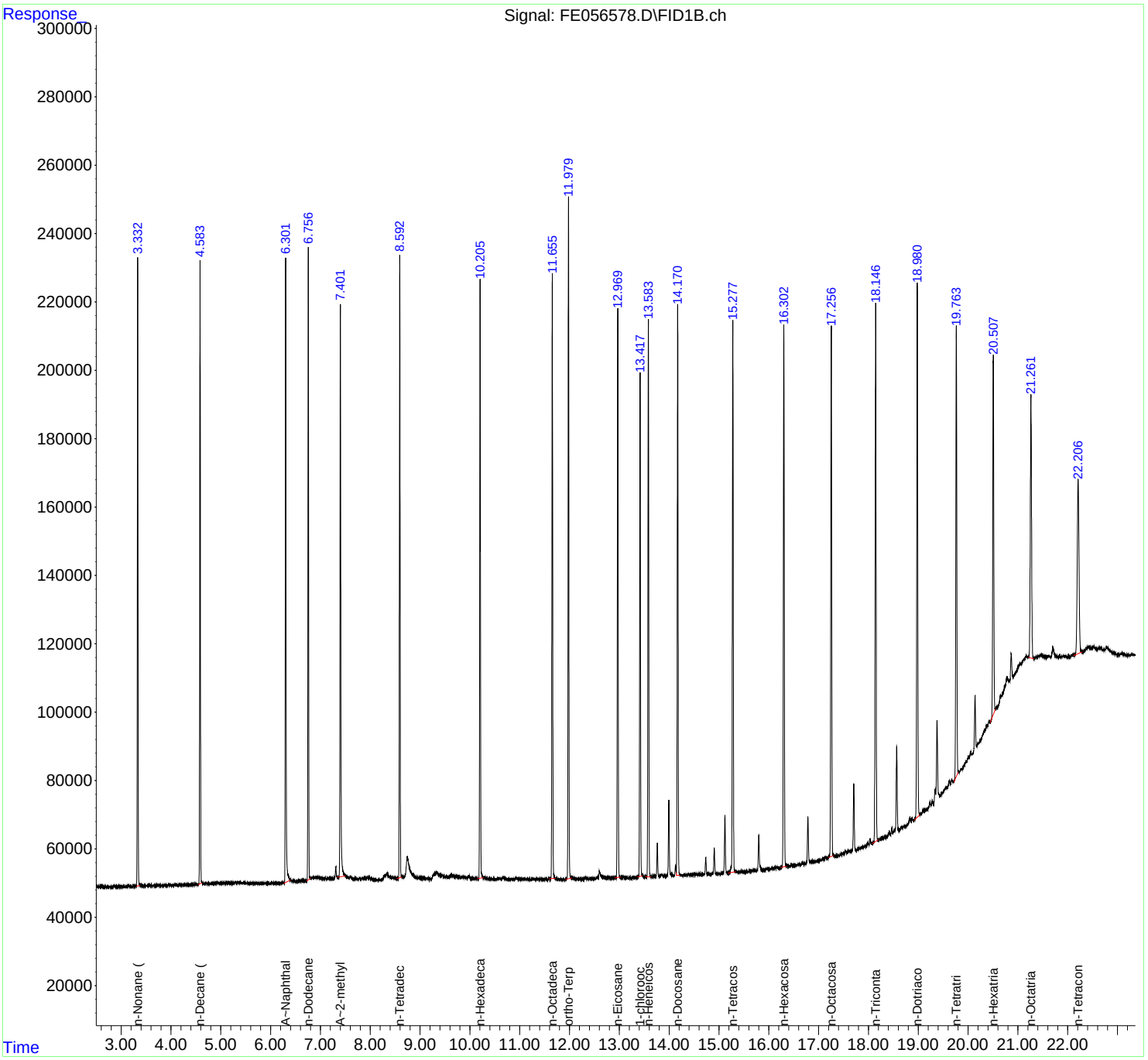
Quantitation Report (QT Reviewed)

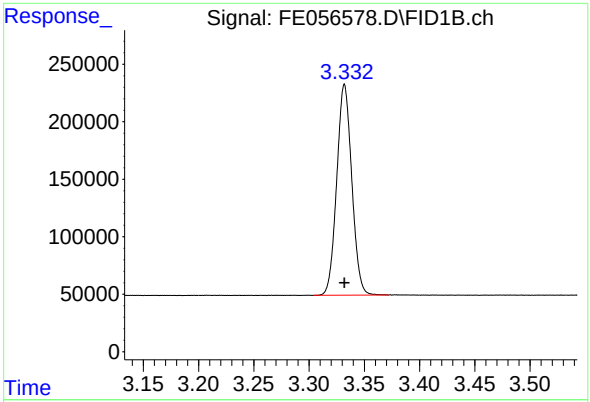
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056578.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 11:51
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Oct 30 12:21:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:21:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

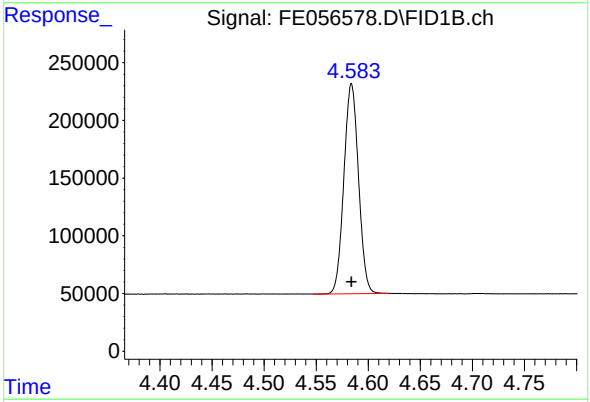




#1 n-Nonane (C9)

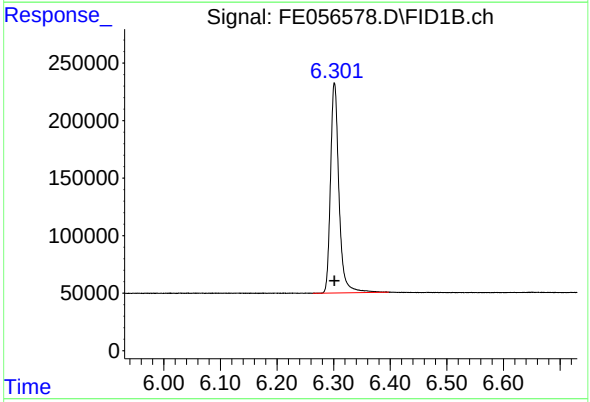
R.T.: 3.332 min
Delta R.T.: 0.000 min
Response: 1739861
Conc: 10.54 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



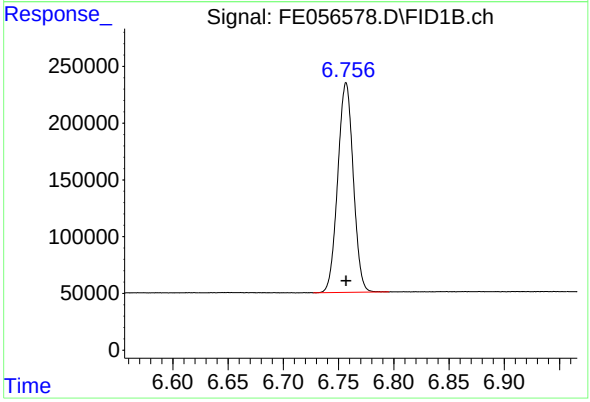
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 1778707
Conc: 10.55 ug/ml



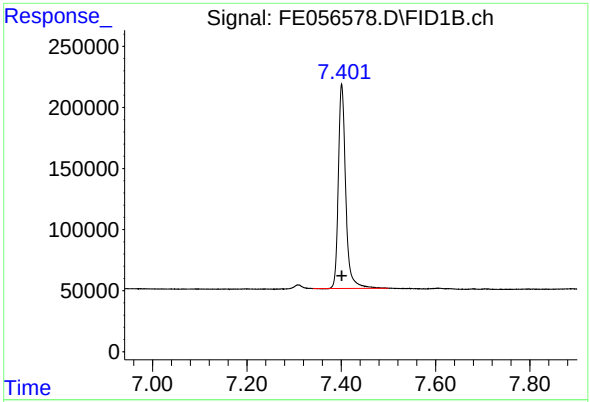
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 1900301
Conc: 10.38 ug/ml



#4 n-Dodecane (C12)

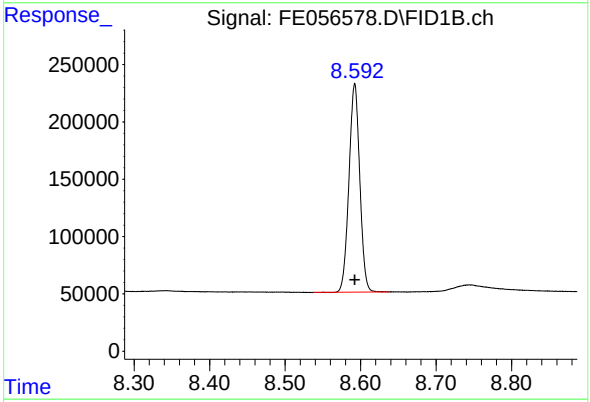
R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 1805400
Conc: 10.53 ug/ml



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

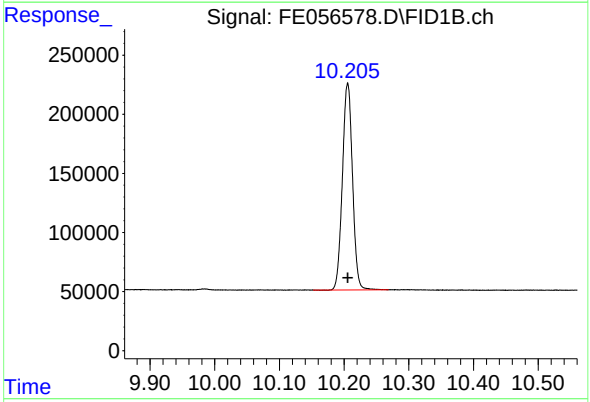
R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 1809756
Conc: 10.24 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



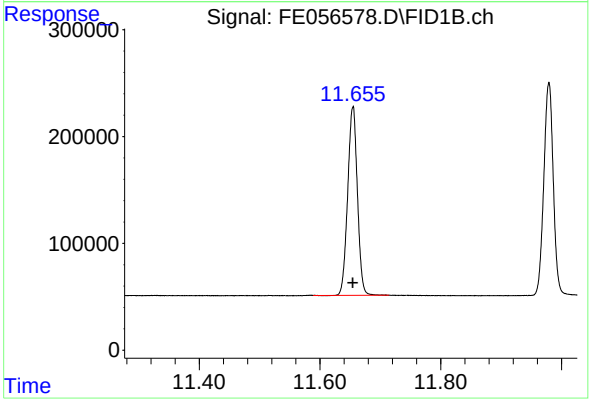
#6 n-Tetradecane (C14)

R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 1806960
Conc: 10.51 ug/ml



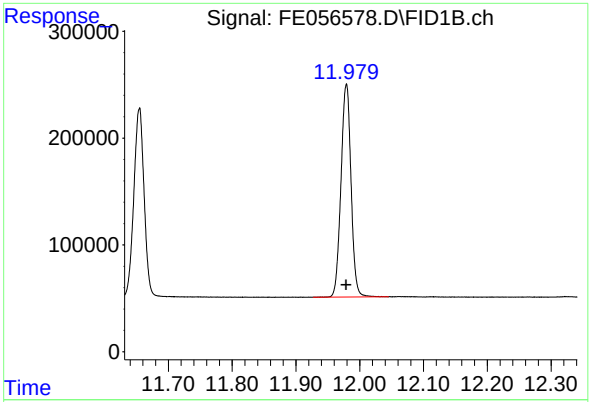
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: 0.000 min
Response: 1900814
Conc: 10.53 ug/ml



#8 n-Octadecane (C18)

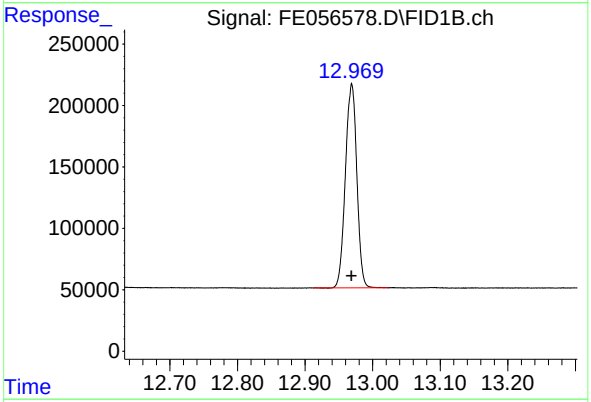
R.T.: 11.654 min
Delta R.T.: 0.000 min
Response: 1972225
Conc: 10.59 ug/ml



#9 ortho-Terphenyl (SURR)

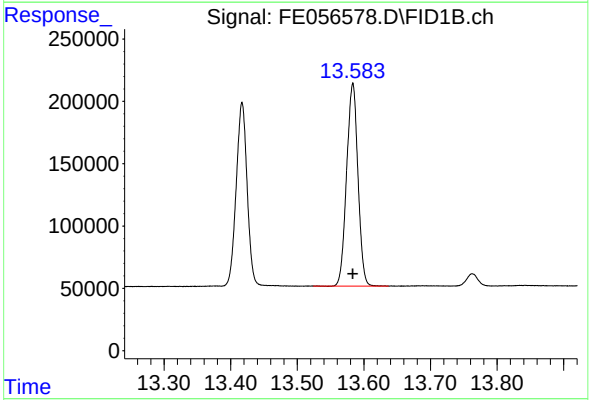
R.T.: 11.979 min
Delta R.T.: 0.000 min
Response: 2175105
Conc: 10.59 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



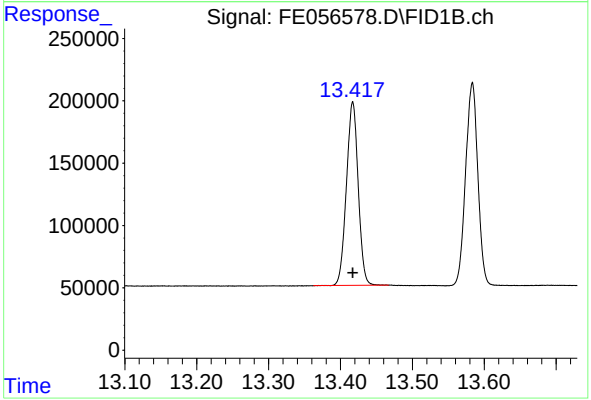
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 1949024
Conc: 10.69 ug/ml



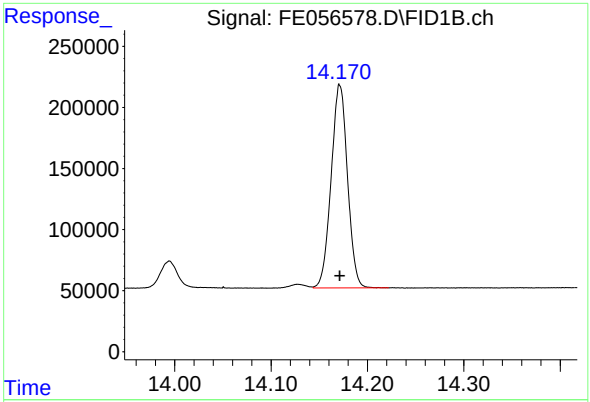
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: 0.000 min
Response: 1922827
Conc: 10.67 ug/ml



#12 1-chlorooctadecane (SURR)

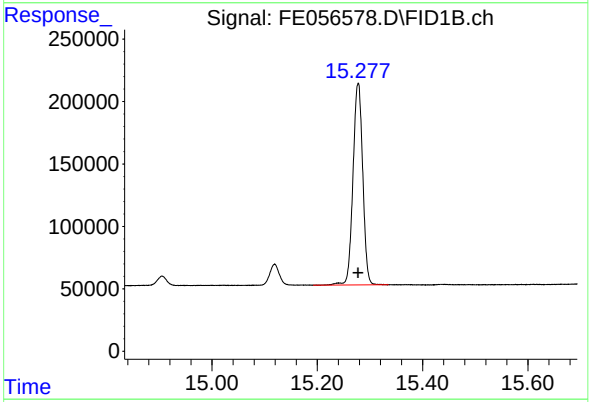
R.T.: 13.417 min
Delta R.T.: 0.000 min
Response: 1673178
Conc: 10.54 ug/ml



#13 n-Docosane (C22)

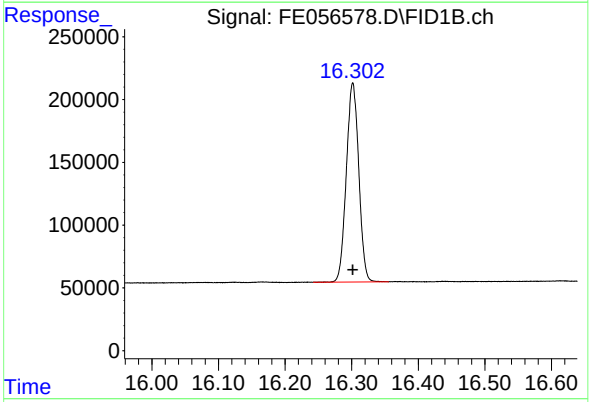
R.T.: 14.171 min
Delta R.T.: 0.000 min
Response: 1965821
Conc: 10.82 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



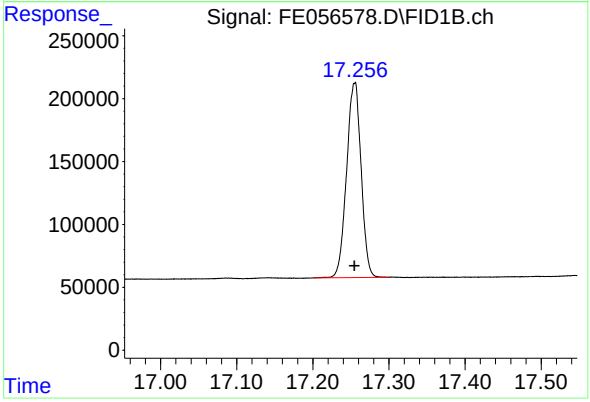
#14 n-Tetracosane (C24)

R.T.: 15.278 min
Delta R.T.: 0.000 min
Response: 2071768
Conc: 11.17 ug/ml



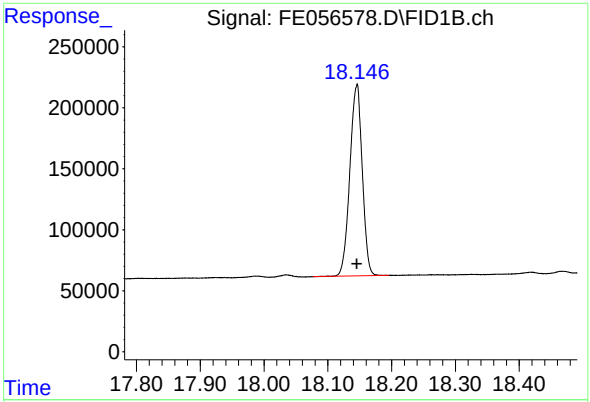
#15 n-Hexacosane (C26)

R.T.: 16.302 min
Delta R.T.: 0.000 min
Response: 2057752
Conc: 11.24 ug/ml



#16 n-Octacosane (C28)

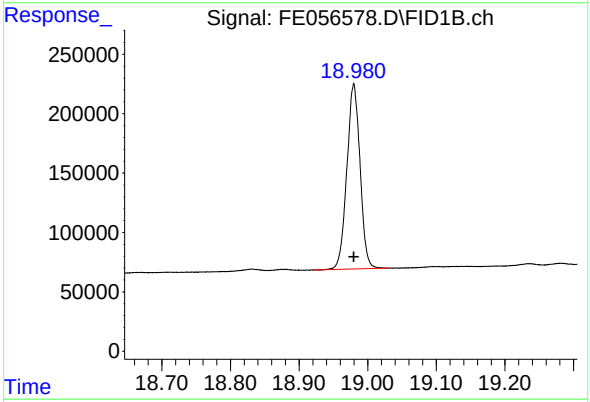
R.T.: 17.255 min
Delta R.T.: 0.000 min
Response: 2055084
Conc: 11.40 ug/ml



#17 n-Tricontane (C30)

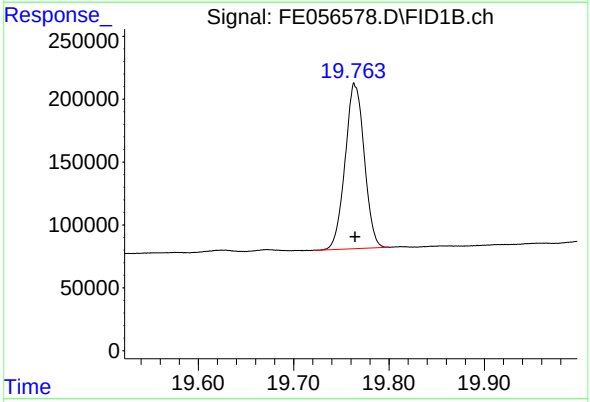
R.T.: 18.145 min
Delta R.T.: 0.000 min
Response: 2121276
Conc: 11.56 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



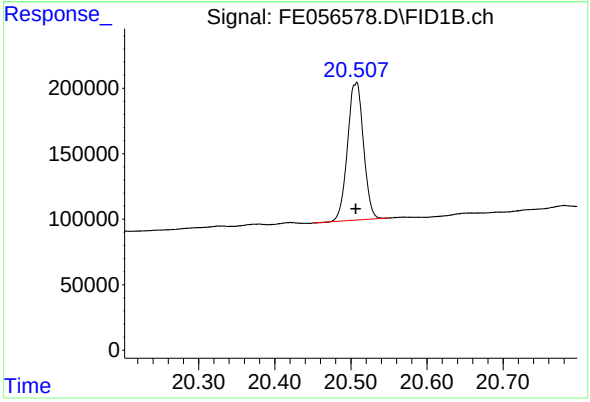
#18 n-Dotriacontane (C32)

R.T.: 18.980 min
Delta R.T.: 0.000 min
Response: 2084284
Conc: 11.77 ug/ml



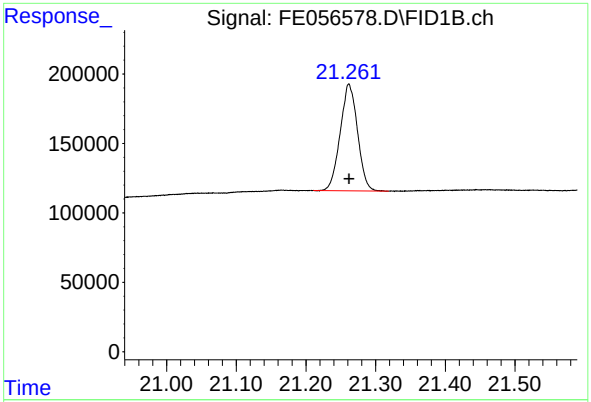
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: 0.000 min
Response: 1830892
Conc: 11.59 ug/ml



#20 n-Hexatriacontane (C36)

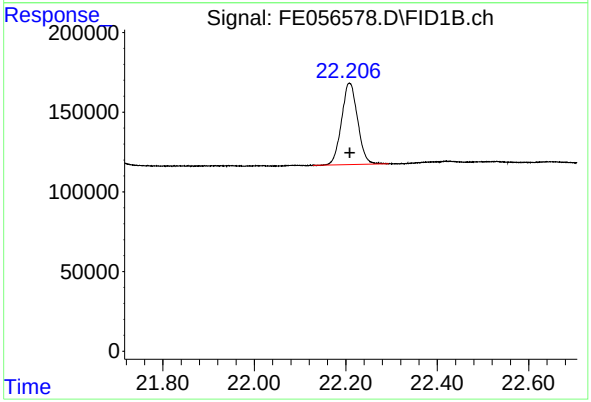
R.T.: 20.507 min
Delta R.T.: 0.000 min
Response: 1529216
Conc: 11.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.262 min
Delta R.T.: 0.000 min
Response: 1330818
Conc: 11.10 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.208 min
Delta R.T.: 0.000 min
Response: 1245352
Conc: 11.15 ug/ml

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056578.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 11:51
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	3.332	3.304	3.372	BB	183333	1739861	79.99%	4.272%
2	4.584	4.547	4.620	BBA	182225	1778707	81.78%	4.367%
3	6.302	6.264	6.397	BB	182183	1900301	87.37%	4.666%
4	6.757	6.727	6.795	BB	185256	1805400	83.00%	4.433%
5	7.401	7.340	7.500	BB	165998	1809756	83.20%	4.444%
6	8.592	8.537	8.637	BB	181787	1806960	83.07%	4.437%
7	10.206	10.152	10.269	BB	174738	1900814	87.39%	4.667%
8	11.654	11.589	11.714	BB	176404	1972225	90.67%	4.843%
9	11.979	11.927	12.045	BB	199071	2175105	100.00%	5.341%
10	12.969	12.912	13.024	BB	166384	1949024	89.61%	4.786%
11	13.417	13.362	13.467	BB	147215	1673178	76.92%	4.108%
12	13.583	13.524	13.637	BB	163350	1922827	88.40%	4.721%
13	14.171	14.144	14.222	VB	165444	1965821	90.38%	4.827%
14	15.278	15.192	15.335	BB	161436	2071768	95.25%	5.087%
15	16.302	16.242	16.355	BB	158775	2057752	94.60%	5.053%
16	17.255	17.200	17.300	BBA	155015	2055084	94.48%	5.046%
17	18.145	18.077	18.195	BB	156516	2121276	97.53%	5.209%
18	18.980	18.920	19.030	BB	156591	2084284	95.82%	5.118%
19	19.764	19.720	19.800	BBA	130721	1830892	84.17%	4.496%
20	20.507	20.450	20.550	BBA	104860	1529216	70.31%	3.755%
21	21.262	21.210	21.319	BB	76821	1330818	61.18%	3.268%
22	22.208	22.129	22.294	BB	50974	1245352	57.25%	3.058%
			Sum of corrected areas:			40726422		

Aliphatic EPH 103025.M Thu Oct 30 12:58:36 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056579.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 12:21
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Oct 30 12:48:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:47:42 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)	11.979	1115676	5.340 ug/ml
Spiked Amount	50.000		Recovery =	10.68%
12) S	1-chlorooctadecane (S...	13.417	853728	5.299 ug/ml
Spiked Amount	50.000		Recovery =	10.60%
	Target Compounds			
1) T	n-Nonane (C9)	3.333	897930	5.346 ug/ml
2) T	n-Decane (C10)	4.585	917558	5.347 ug/ml
3) T	A~Naphthalene (C11.7)	6.303	951651	5.156 ug/ml
4) T	n-Dodecane (C12)	6.757	919808	5.288 ug/ml
5) T	A~2-methylnaphthalene...	7.403	894288	5.046 ug/ml
6) T	n-Tetradecane (C14)	8.592	925756	5.304 ug/ml
7) T	n-Hexadecane (C16)	10.206	963615	5.267 ug/ml
8) T	n-Octadecane (C18)	11.654	1006643	5.319 ug/ml
10) T	n-Eicosane (C20)	12.969	1012155	5.431 ug/ml
11) T	n-Heneicosane (C21)	13.582	993871	5.405 ug/ml
13) T	n-Docosane (C22)	14.171	1047683	5.597 ug/ml
14) T	n-Tetracosane (C24)	15.277	1186109	6.056 ug/ml
15) T	n-Hexacosane (C26)	16.302	1195552	6.152 ug/ml
16) T	n-Octacosane (C28)	17.255	1236772	6.386 ug/ml
17) T	n-Tricontane (C30)	18.145	1343777	6.702 ug/ml
18) T	n-Dotriacontane (C32)	18.981	1374204	6.988 ug/ml
19) T	n-Tetratriacontane (C34)	19.765	1156477	6.700 ug/ml
20) T	n-Hexatriacontane (C36)	20.507	919020	6.353 ug/ml
21) T	n-Octatriacontane (C38)	21.262	747858	5.942 ug/ml
22) T	n-Tetracontane (C40)	22.209	655889	5.673 ug/ml

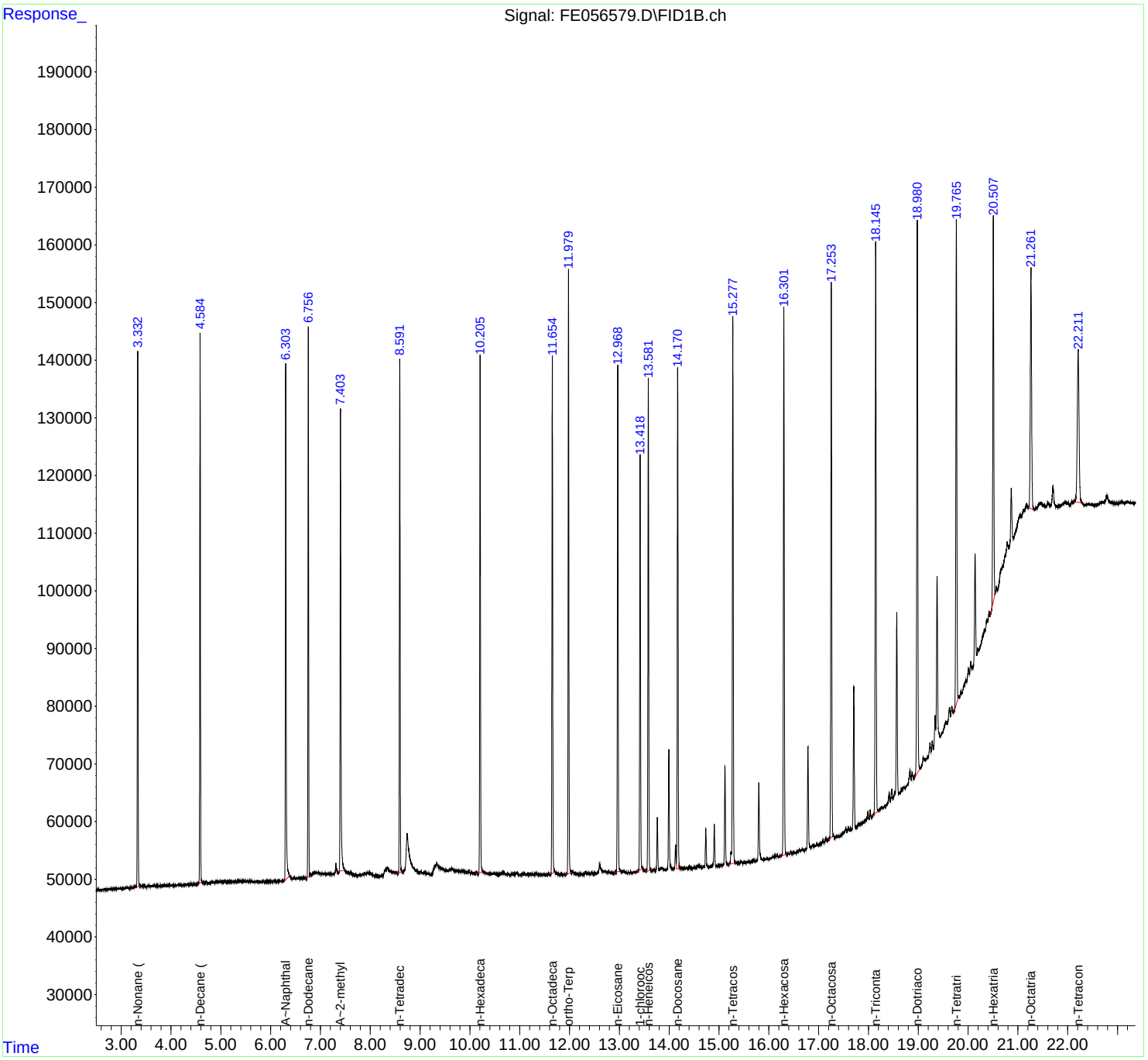
(f)=RT Delta > 1/2 Window (m)=manual int.

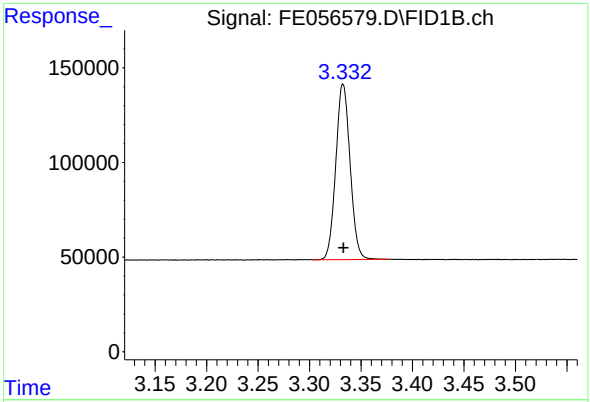
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056579.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 12:21
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Oct 30 12:48:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:47:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

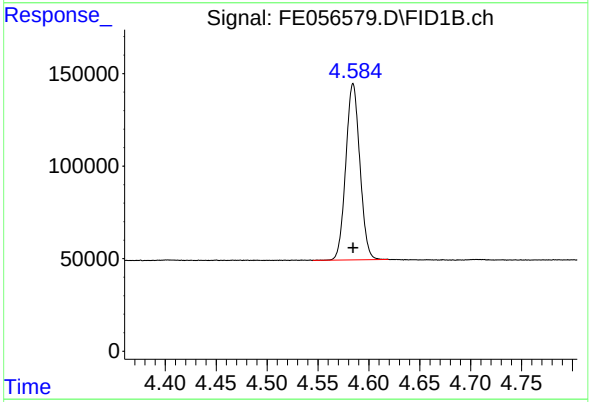




#1 n-Nonane (C9)

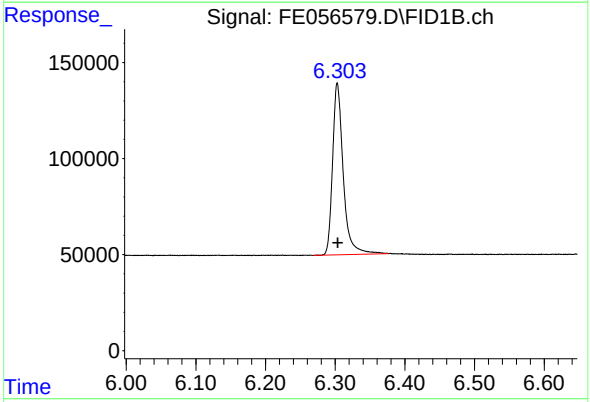
R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 897930
Conc: 5.35 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



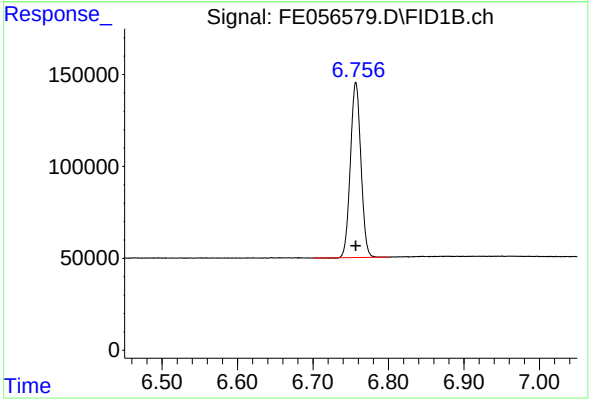
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 917558
Conc: 5.35 ug/ml



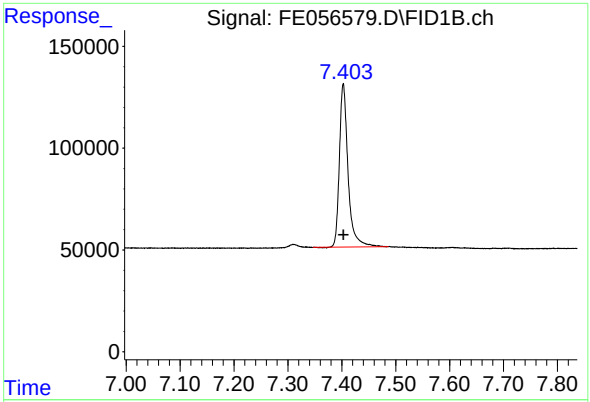
#3 A~Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 951651
Conc: 5.16 ug/ml



#4 n-Dodecane (C12)

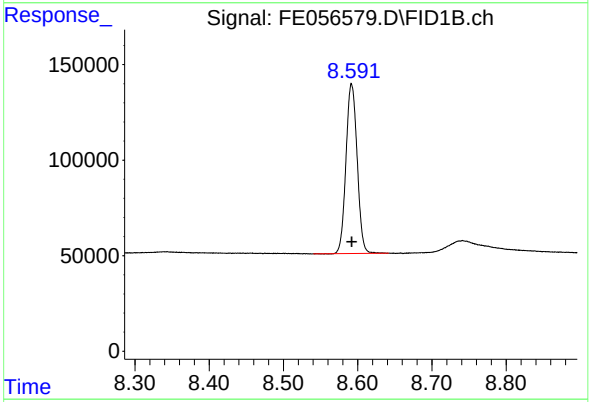
R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 919808
Conc: 5.29 ug/ml



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

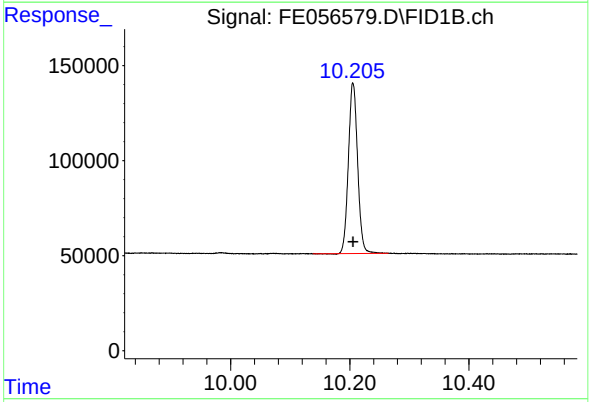
R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 894288
Conc: 5.05 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



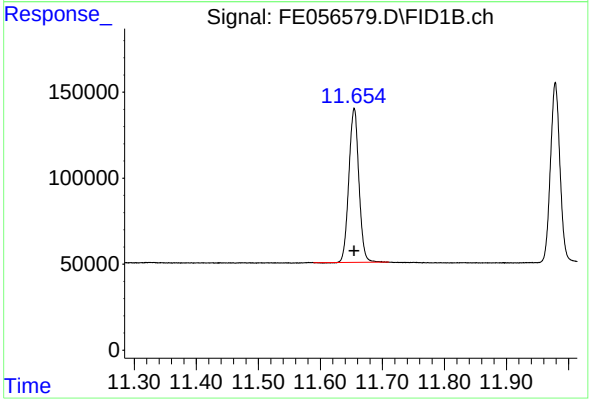
#6 n-Tetradecane (C14)

R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 925756
Conc: 5.30 ug/ml



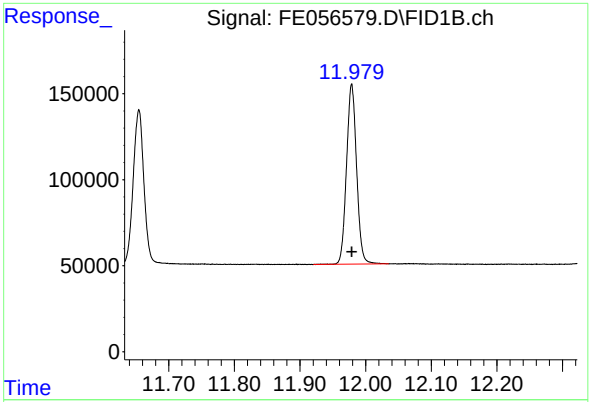
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: 0.000 min
Response: 963615
Conc: 5.27 ug/ml



#8 n-Octadecane (C18)

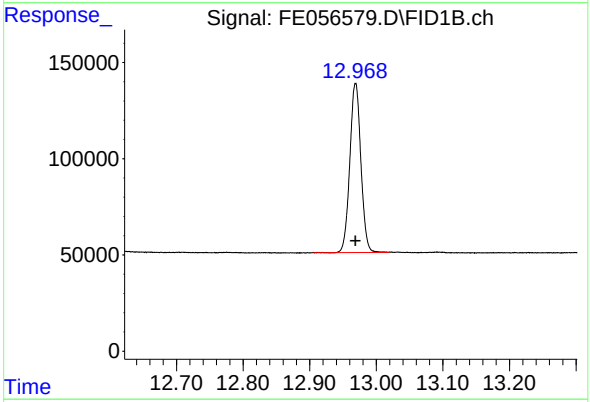
R.T.: 11.654 min
Delta R.T.: 0.000 min
Response: 1006643
Conc: 5.32 ug/ml



#9 ortho-Terphenyl (SURR)

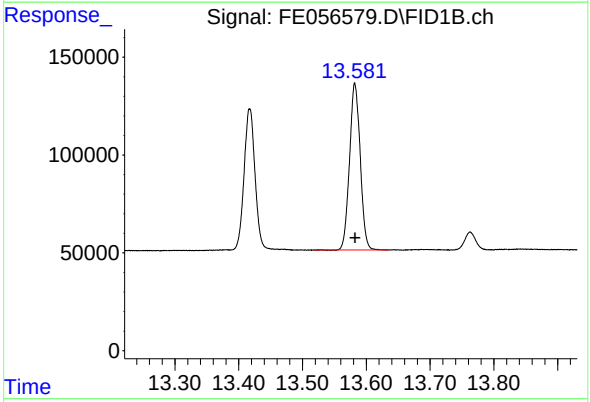
R.T.: 11.979 min
Delta R.T.: 0.000 min
Response: 1115676
Conc: 5.34 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



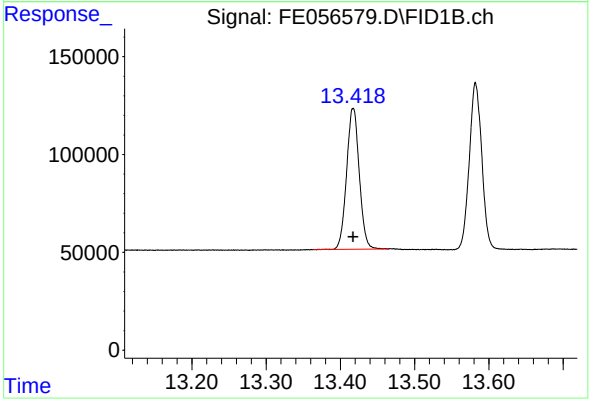
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 1012155
Conc: 5.43 ug/ml



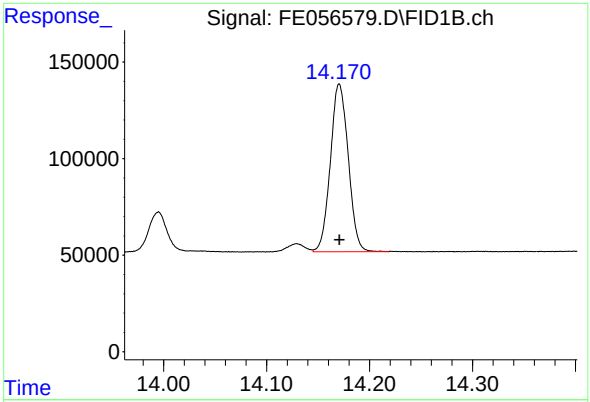
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.000 min
Response: 993871
Conc: 5.40 ug/ml



#12 1-chlorooctadecane (SURR)

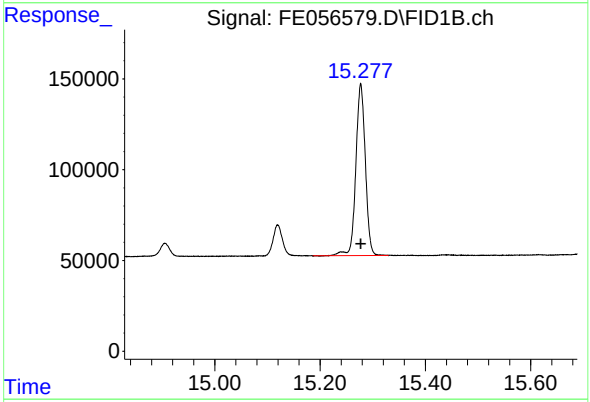
R.T.: 13.417 min
Delta R.T.: 0.000 min
Response: 853728
Conc: 5.30 ug/ml



#13 n-Docosane (C22)

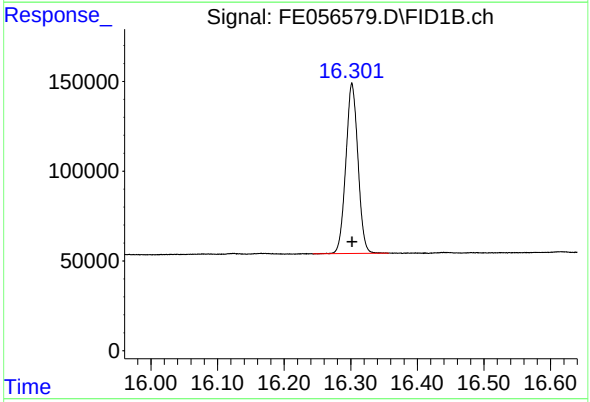
R.T.: 14.171 min
Delta R.T.: 0.000 min
Response: 1047683
Conc: 5.60 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



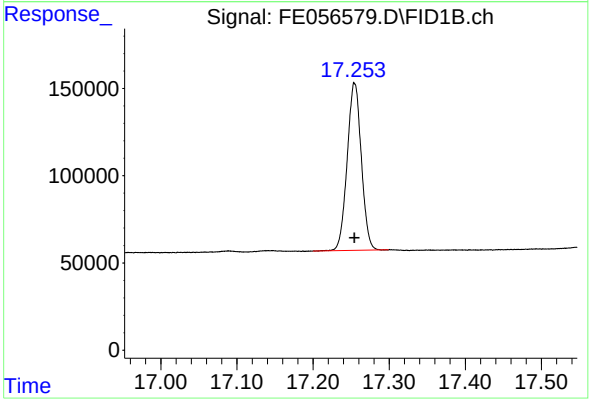
#14 n-Tetracosane (C24)

R.T.: 15.277 min
Delta R.T.: 0.000 min
Response: 1186109
Conc: 6.06 ug/ml



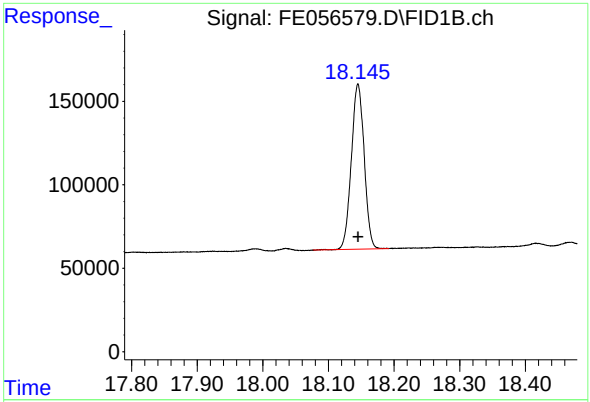
#15 n-Hexacosane (C26)

R.T.: 16.302 min
Delta R.T.: 0.000 min
Response: 1195552
Conc: 6.15 ug/ml



#16 n-Octacosane (C28)

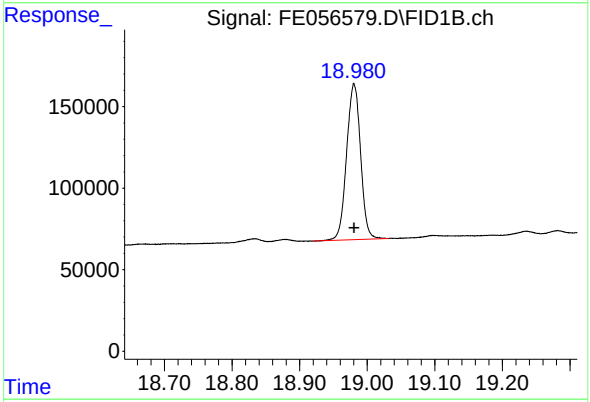
R.T.: 17.255 min
Delta R.T.: 0.000 min
Response: 1236772
Conc: 6.39 ug/ml



#17 n-Tricontane (C30)

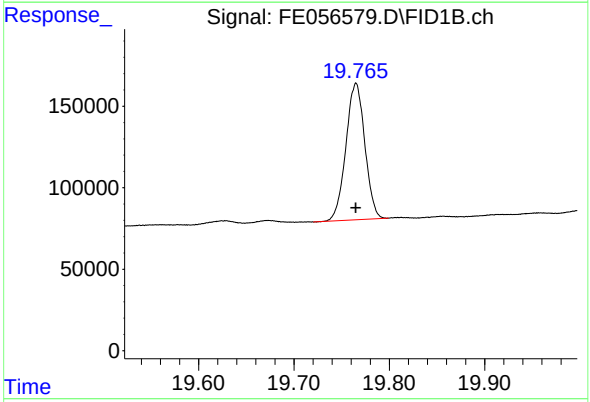
R.T.: 18.145 min
Delta R.T.: 0.000 min
Response: 1343777
Conc: 6.70 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



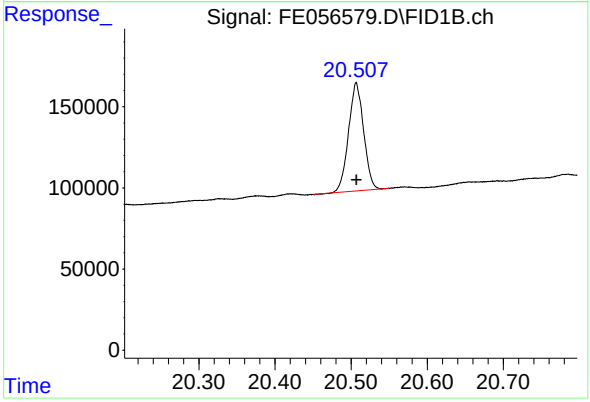
#18 n-Dotriacontane (C32)

R.T.: 18.981 min
Delta R.T.: 0.000 min
Response: 1374204
Conc: 6.99 ug/ml



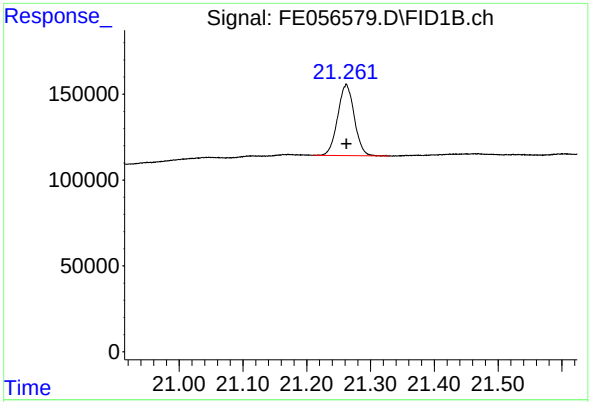
#19 n-Tetratriacontane (C34)

R.T.: 19.765 min
Delta R.T.: 0.000 min
Response: 1156477
Conc: 6.70 ug/ml



#20 n-Hexatriacontane (C36)

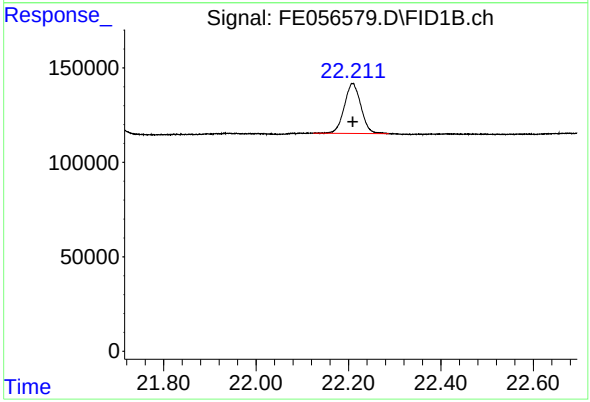
R.T.: 20.507 min
Delta R.T.: 0.000 min
Response: 919020
Conc: 6.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.262 min
Delta R.T.: 0.000 min
Response: 747858
Conc: 5.94 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.209 min
Delta R.T.: 0.000 min
Response: 655889
Conc: 5.67 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056579.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 12:21
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	3.333	3.303	3.377	BB	92471	897930	65.34%	4.024%
2	4.585	4.545	4.619	BBA	95384	917558	66.77%	4.112%
3	6.303	6.268	6.377	BB	88968	951651	69.25%	4.264%
4	6.757	6.700	6.800	BB	95428	919808	66.93%	4.122%
5	7.403	7.347	7.487	BB	80203	894288	65.08%	4.007%
6	8.592	8.540	8.642	BB	88772	925756	67.37%	4.148%
7	10.206	10.138	10.265	BB	89800	963615	70.12%	4.318%
8	11.654	11.588	11.710	BB	89973	1006643	73.25%	4.511%
9	11.979	11.920	12.035	BB	104613	1115676	81.19%	4.999%
10	12.969	12.905	13.018	BB	87940	1012155	73.65%	4.536%
11	13.417	13.363	13.465	BB	72050	853728	62.13%	3.826%
12	13.582	13.517	13.635	BB	85261	993871	72.32%	4.454%
13	14.171	14.145	14.218	VB	86814	1047683	76.24%	4.695%
14	15.277	15.187	15.330	BB	94557	1186109	86.31%	5.315%
15	16.302	16.243	16.357	BB	94717	1195552	87.00%	5.357%
16	17.255	17.200	17.299	BBA	95523	1236772	90.00%	5.542%
17	18.145	18.077	18.192	BB	99085	1343777	97.79%	6.022%
18	18.981	18.920	19.032	BB	95776	1374204	100.00%	6.158%
19	19.765	19.720	19.799	BBA	84124	1156477	84.16%	5.182%
20	20.507	20.450	20.549	BBA	66647	919020	66.88%	4.118%
21	21.262	21.210	21.328	BB	41776	747858	54.42%	3.351%
22	22.209	22.123	22.287	BB	26317	655889	47.73%	2.939%
			Sum of corrected areas:			22316018		

Aliphatic EPH 103025.M Thu Oct 30 12:59:22 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056580.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 12:51
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Oct 30 13:21:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:50:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.979	3698663	17.704 ug/ml
Spiked Amount	50.000		Recovery =	35.41%
12) S	1-chlorooctadecane (S...	13.417	2853138	17.708 ug/ml
Spiked Amount	50.000		Recovery =	35.42%
	Target Compounds			
1) T	n-Nonane (C9)	3.331	2974720	17.711 ug/ml
2) T	n-Decane (C10)	4.584	3032863	17.675 ug/ml
3) T	A~Naphthalene (C11.7)	6.301	3268504	17.707 ug/ml
4) T	n-Dodecane (C12)	6.757	3080927	17.714 ug/ml
5) T	A~2-methylnaphthalene...	7.401	3138399	17.709 ug/ml
6) T	n-Tetradecane (C14)	8.592	3087511	17.688 ug/ml
7) T	n-Hexadecane (C16)	10.206	3246411	17.744 ug/ml
8) T	n-Octadecane (C18)	11.655	3352800	17.714 ug/ml
10) T	n-Eicosane (C20)	12.969	3290342	17.656 ug/ml
11) T	n-Heneicosane (C21)	13.583	3256292	17.709 ug/ml
13) T	n-Docosane (C22)	14.171	3252345	17.374 ug/ml
14) T	n-Tetracosane (C24)	15.279	3265557	16.673 ug/ml
15) T	n-Hexacosane (C26)	16.303	3203978	16.487 ug/ml
16) T	n-Octacosane (C28)	17.256	3101810	16.017 ug/ml
17) T	n-Tricontane (C30)	18.145	3129479	15.609 ug/ml
18) T	n-Dotriacontane (C32)	18.980	2966227	15.084 ug/ml
19) T	n-Tetratriacontane (C34)	19.765	2678828	15.520 ug/ml
20) T	n-Hexatriacontane (C36)	20.508	2321116	16.046 ug/ml
21) T	n-Octatriacontane (C38)	21.262	2080984	16.534 ug/ml
22) T	n-Tetracontane (C40)	22.209	1952947	16.892 ug/ml

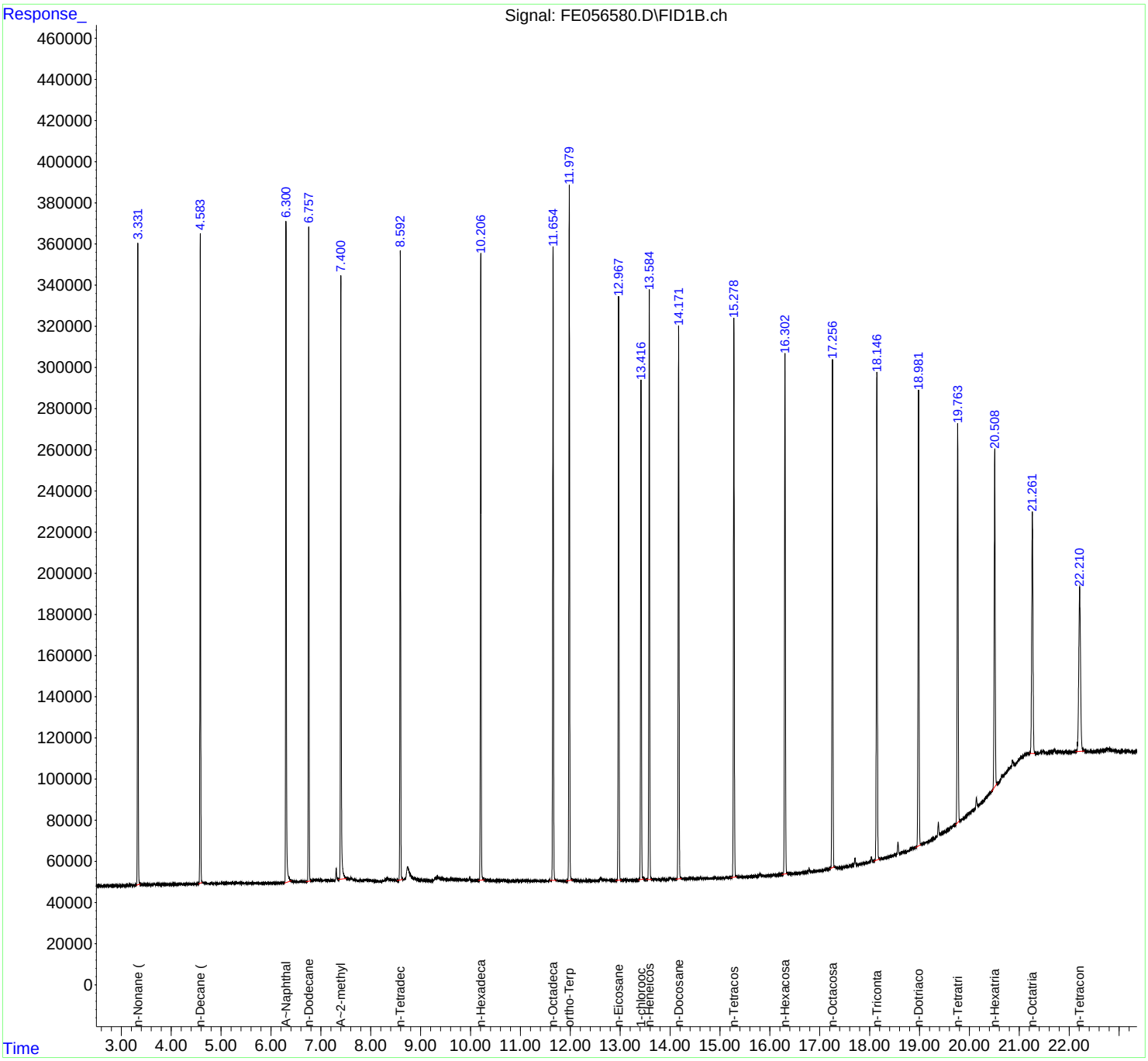
(f)=RT Delta > 1/2 Window (m)=manual int.

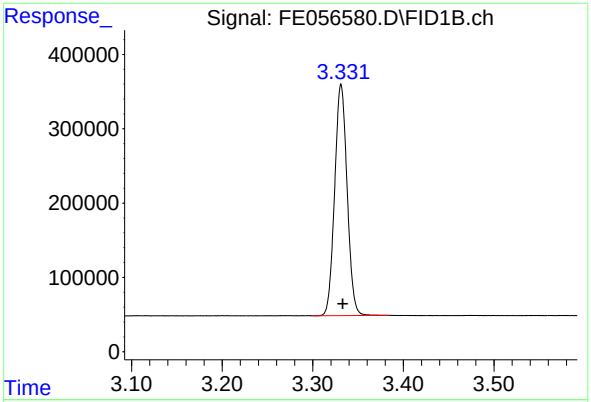
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056580.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 12:51
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Oct 30 13:21:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:50:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

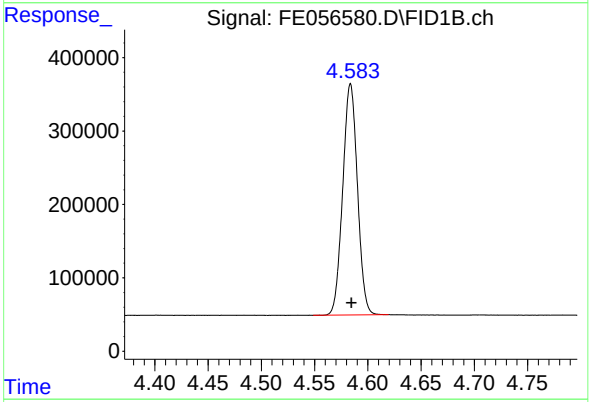




#1 n-Nonane (C9)

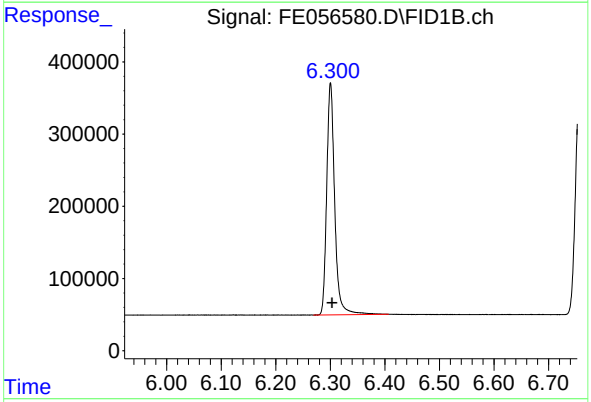
R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 2974720
Conc: 17.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



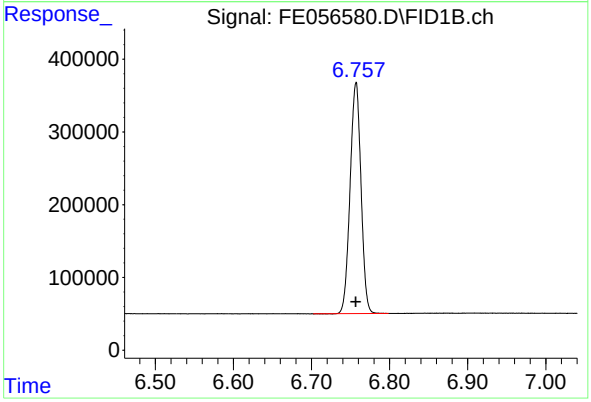
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 3032863
Conc: 17.67 ug/ml



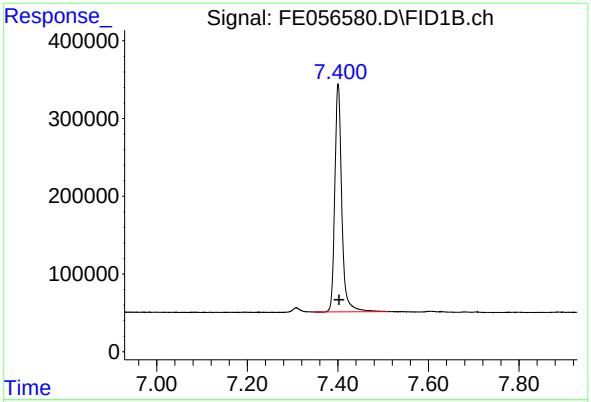
#3 A~Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: -0.003 min
Response: 3268504
Conc: 17.71 ug/ml



#4 n-Dodecane (C12)

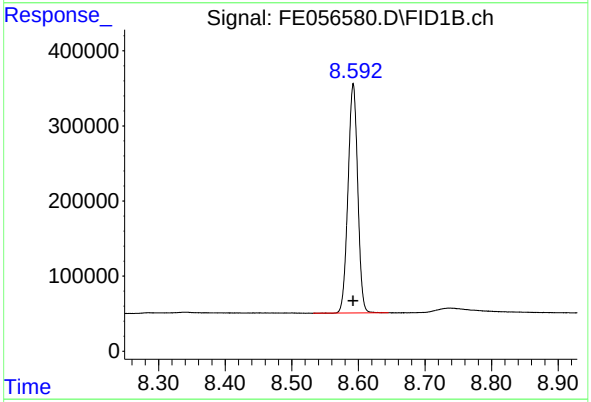
R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 3080927
Conc: 17.71 ug/ml



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

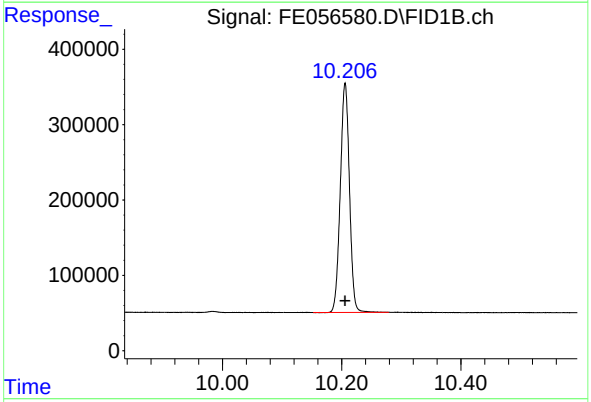
R.T.: 7.401 min
Delta R.T.: -0.002 min
Response: 3138399
Conc: 17.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



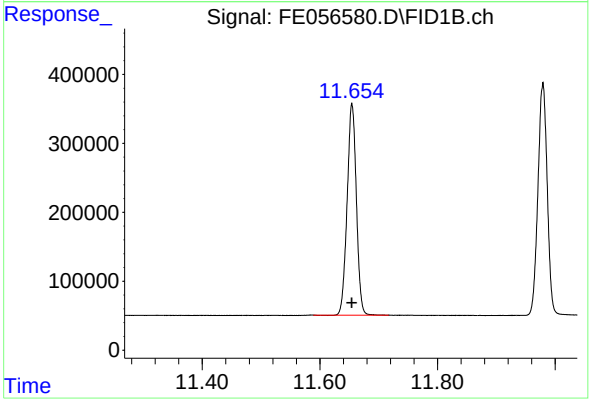
#6 n-Tetradecane (C14)

R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 3087511
Conc: 17.69 ug/ml



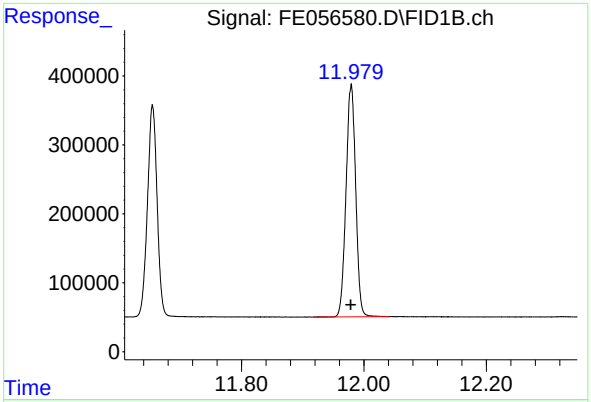
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: 0.000 min
Response: 3246411
Conc: 17.74 ug/ml



#8 n-Octadecane (C18)

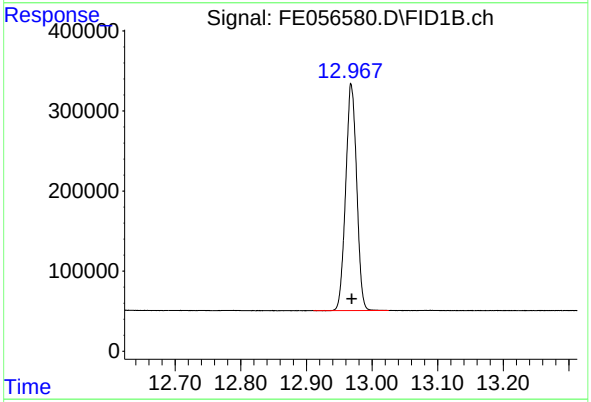
R.T.: 11.655 min
Delta R.T.: 0.000 min
Response: 3352800
Conc: 17.71 ug/ml



#9 ortho-Terphenyl (SURR)

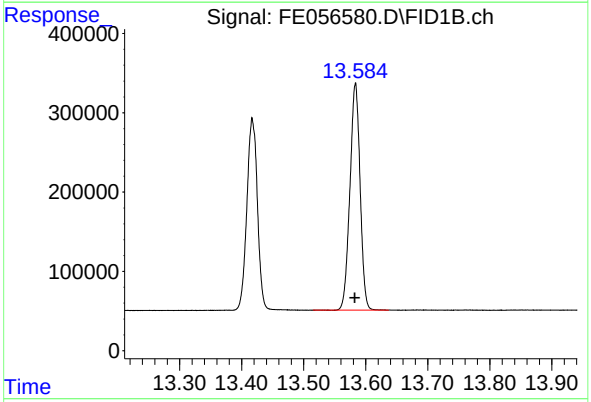
R.T.: 11.979 min
Delta R.T.: 0.000 min
Response: 3698663
Conc: 17.70 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



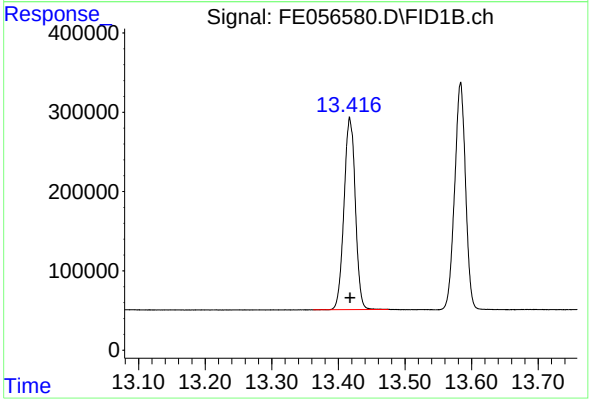
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 3290342
Conc: 17.66 ug/ml



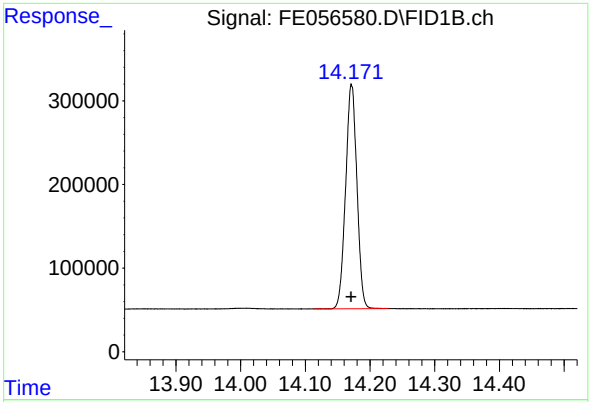
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: 0.001 min
Response: 3256292
Conc: 17.71 ug/ml



#12 1-chlorooctadecane (SURR)

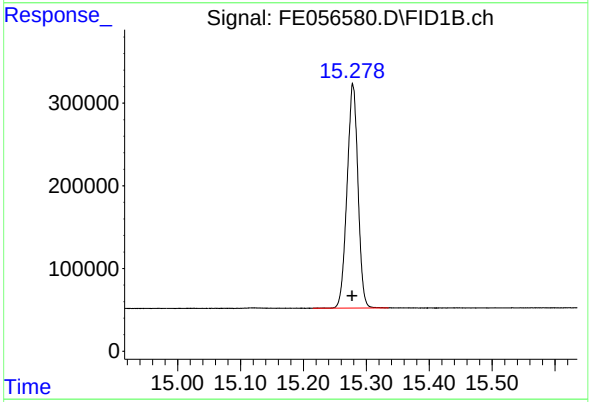
R.T.: 13.417 min
Delta R.T.: 0.000 min
Response: 2853138
Conc: 17.71 ug/ml



#13 n-Docosane (C22)

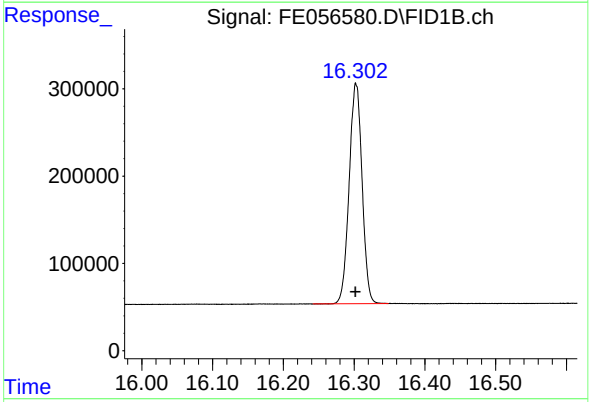
R.T.: 14.171 min
Delta R.T.: 0.000 min
Response: 3252345
Conc: 17.37 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



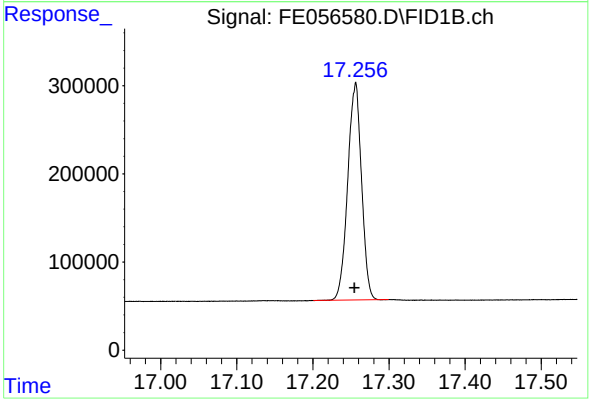
#14 n-Tetracosane (C24)

R.T.: 15.279 min
Delta R.T.: 0.001 min
Response: 3265557
Conc: 16.67 ug/ml



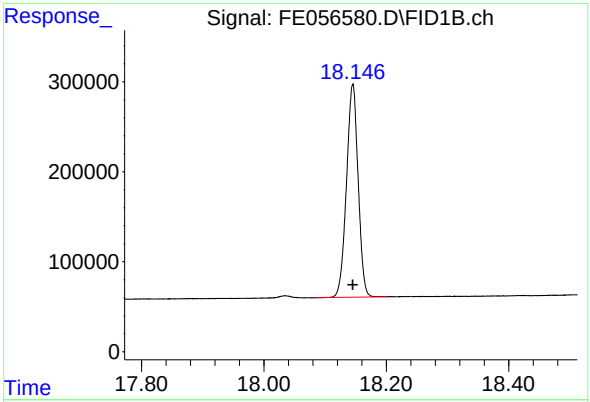
#15 n-Hexacosane (C26)

R.T.: 16.303 min
Delta R.T.: 0.000 min
Response: 3203978
Conc: 16.49 ug/ml



#16 n-Octacosane (C28)

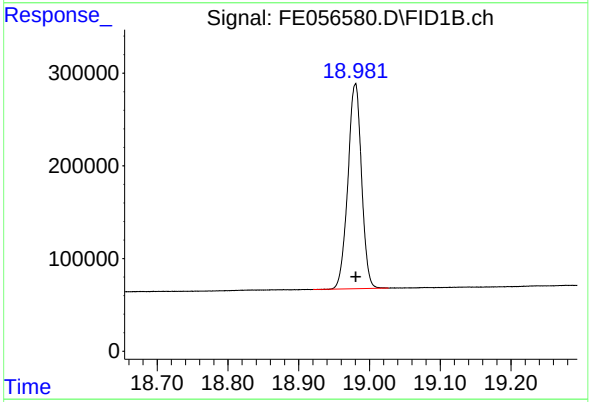
R.T.: 17.256 min
Delta R.T.: 0.001 min
Response: 3101810
Conc: 16.02 ug/ml



#17 n-Tricontane (C30)

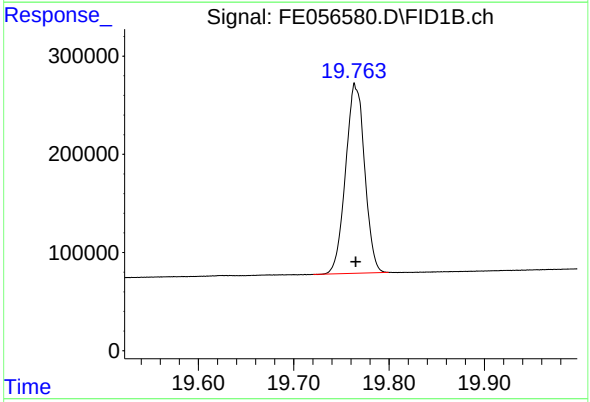
R.T.: 18.145 min
Delta R.T.: 0.000 min
Response: 3129479
Conc: 15.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



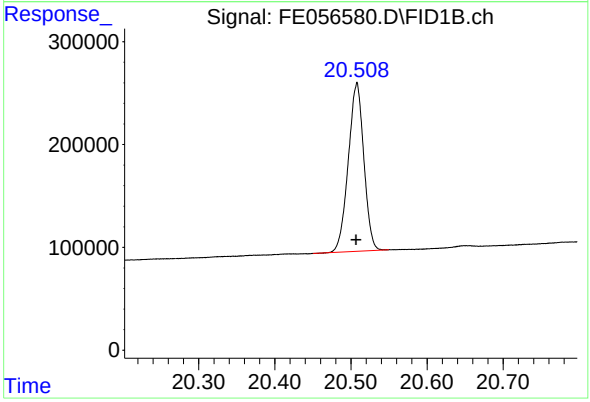
#18 n-Dotriacontane (C32)

R.T.: 18.980 min
Delta R.T.: 0.000 min
Response: 2966227
Conc: 15.08 ug/ml



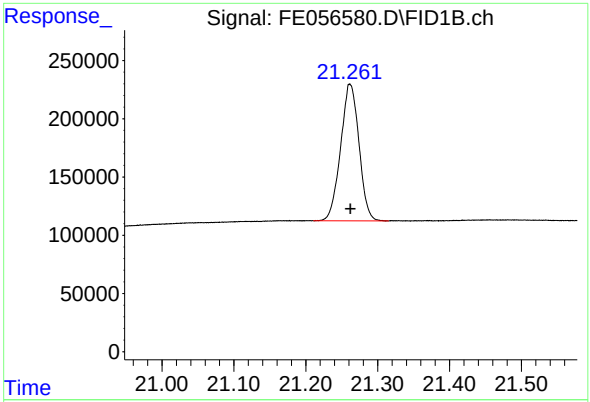
#19 n-Tetratriacontane (C34)

R.T.: 19.765 min
Delta R.T.: 0.000 min
Response: 2678828
Conc: 15.52 ug/ml



#20 n-Hexatriacontane (C36)

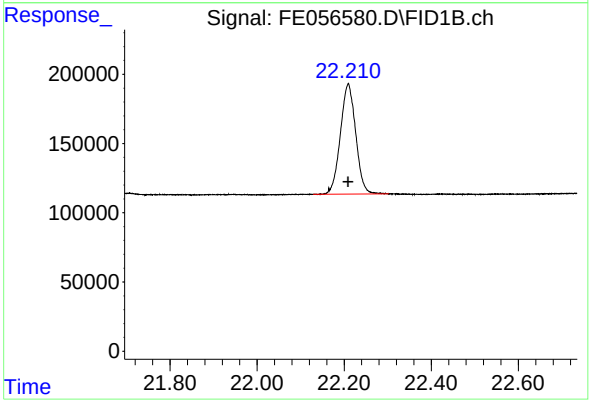
R.T.: 20.508 min
Delta R.T.: 0.000 min
Response: 2321116
Conc: 16.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.262 min
Delta R.T.: 0.000 min
Response: 2080984
Conc: 16.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.209 min
Delta R.T.: 0.000 min
Response: 1952947
Conc: 16.89 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
Data File : FE056580.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2025 12:51
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	3.331	3.300	3.384	BB	310481	2974720	80.43%	4.491%
2	4.584	4.549	4.620	BBA	315244	3032863	82.00%	4.579%
3	6.301	6.269	6.407	BB	321401	3268504	88.37%	4.935%
4	6.757	6.702	6.799	BB	318158	3080927	83.30%	4.652%
5	7.401	7.345	7.512	BB	293420	3138399	84.85%	4.738%
6	8.592	8.532	8.645	BB	305141	3087511	83.48%	4.662%
7	10.206	10.152	10.279	BB	304154	3246411	87.77%	4.901%
8	11.655	11.589	11.717	BB	305409	3352800	90.65%	5.062%
9	11.979	11.917	12.040	BB	334249	3698663	100.00%	5.584%
10	12.969	12.910	13.025	BB	280820	3290342	88.96%	4.968%
11	13.417	13.362	13.475	BB	241413	2853138	77.14%	4.308%
12	13.583	13.515	13.637	BB	286535	3256292	88.04%	4.916%
13	14.171	14.112	14.229	BB	266967	3252345	87.93%	4.910%
14	15.279	15.215	15.335	BB	270242	3265557	88.29%	4.930%
15	16.303	16.242	16.349	BB	253168	3203978	86.63%	4.837%
16	17.256	17.200	17.300	BBA	243564	3101810	83.86%	4.683%
17	18.145	18.080	18.204	BB	236990	3129479	84.61%	4.725%
18	18.980	18.920	19.027	BB	221501	2966227	80.20%	4.478%
19	19.765	19.720	19.800	BBA	187610	2678828	72.43%	4.044%
20	20.508	20.450	20.550	BBA	162660	2321116	62.76%	3.504%
21	21.262	21.210	21.315	BB	117144	2080984	56.26%	3.142%
22	22.209	22.129	22.302	BB	79731	1952947	52.80%	2.949%
			Sum of corrected areas:			66233841		

Aliphatic EPH 103025.M Thu Oct 30 13:22:51 2025

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

Inital Calibration Report for SequenceID : FE112725AL

AreaCount

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

AVG Response Factor

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

Concentration

Parameter Range	FE057079.D	FE057080.D	FE057081.D	FE057082.D	FE057083.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

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

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

Inital Calibration Report for SequenceID : FE112725AL

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

Quantitation Report (QT Reviewed)

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

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

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

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.952	21912187	99.913 ug/ml
Spiked Amount	50.000		Recovery =	199.83%
12) S	1-chlorooctadecane (S...	13.387	16734087	100.123 ug/ml
Spiked Amount	50.000		Recovery =	200.25%
	Target Compounds			
1) T	n-Nonane (C9)	3.305	20032402	102.382 ug/ml
2) T	n-Decane (C10)	4.559	20702539	101.808 ug/ml
3) T	A~Naphthalene (C11.7)	6.274	22085713	107.616 ug/ml
4) T	n-Dodecane (C12)	6.732	20870096	101.844 ug/ml
5) T	A~2-methylnaphthalene...	7.375	21107253	109.140 ug/ml
6) T	n-Tetradecane (C14)	8.566	20485583	101.338 ug/ml
7) T	n-Hexadecane (C16)	10.179	20773156	100.830 ug/ml
8) T	n-Octadecane (C18)	11.628	20604069	99.790 ug/ml
10) T	n-Eicosane (C20)	12.940	19440685	99.216 ug/ml
11) T	n-Heneicosane (C21)	13.554	18975135	99.058 ug/ml
13) T	n-Docosane (C22)	14.142	18765832	99.250 ug/ml
14) T	n-Tetracosane (C24)	15.248	18530924	98.759 ug/ml
15) T	n-Hexacosane (C26)	16.272	18269735	98.195 ug/ml
16) T	n-Octacosane (C28)	17.224	18058394	94.781 ug/ml
17) T	n-Tricontane (C30)	18.115	18497733	88.764 ug/ml
18) T	n-Dotriacontane (C32)	18.950	18131393	83.894 ug/ml
19) T	n-Tetratriacontane (C34)	19.735	17264372	85.119 ug/ml
20) T	n-Hexatriacontane (C36)	20.476	15948521	88.913 ug/ml
21) T	n-Octatriacontane (C38)	21.226	15667436	92.925 ug/ml
22) T	n-Tetracontane (C40)	22.161	15772065	95.922 ug/ml

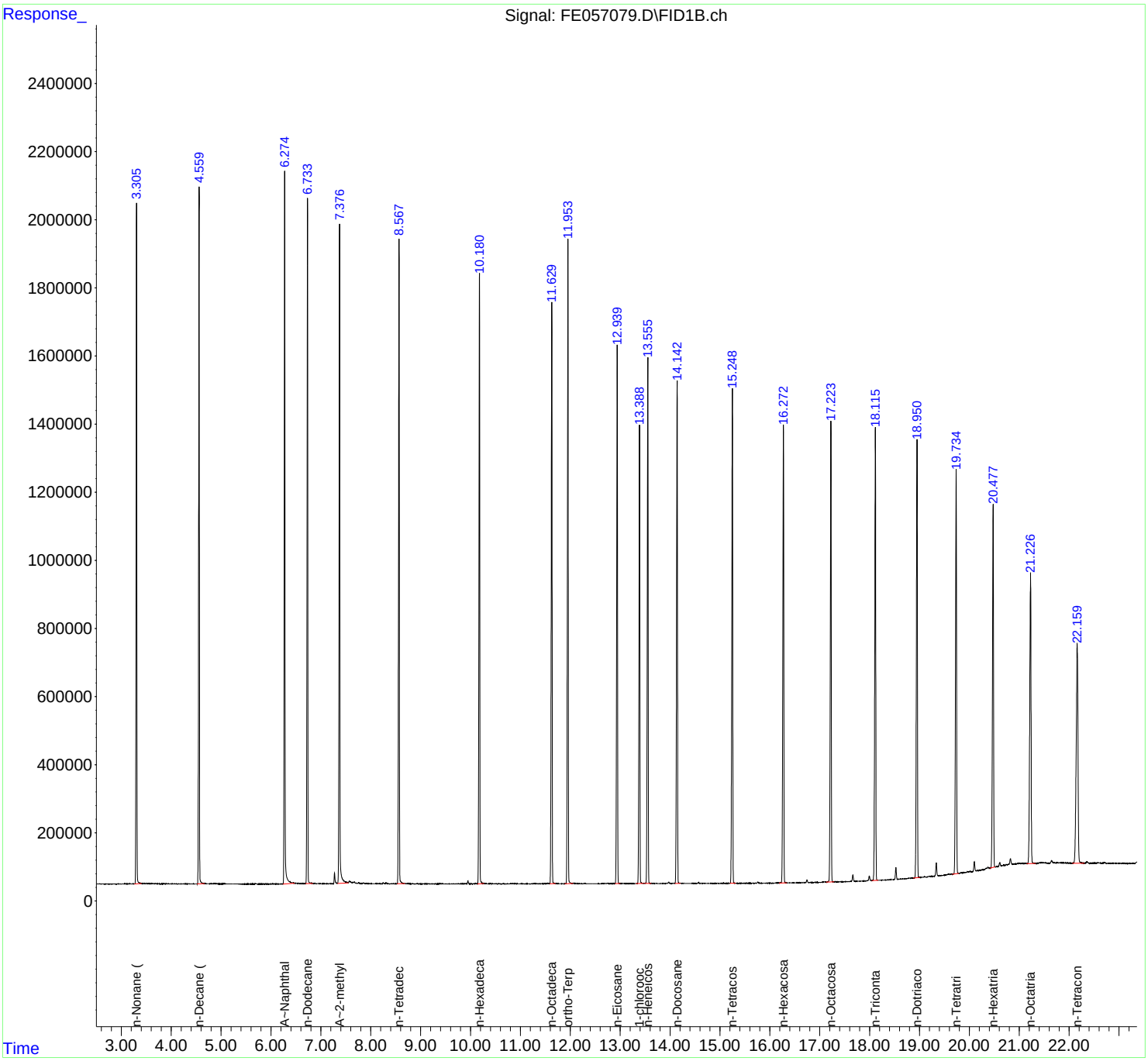
(f)=RT Delta > 1/2 Window (m)=manual int.

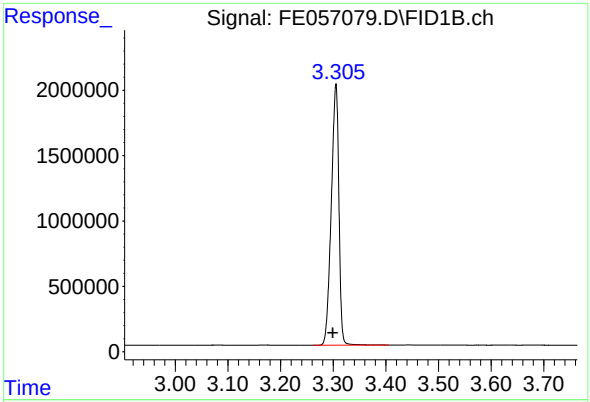
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057079.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 12:17
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

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

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

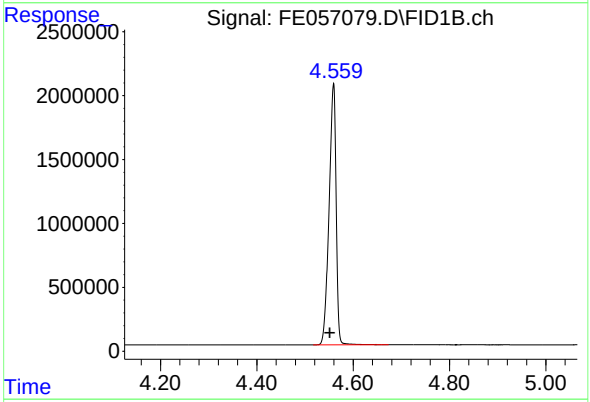




#1 n-Nonane (C9)

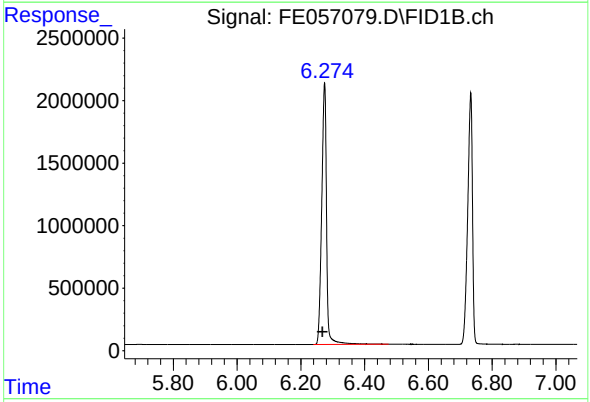
R.T.: 3.305 min
Delta R.T.: 0.006 min
Response: 20032402
Conc: 102.38 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



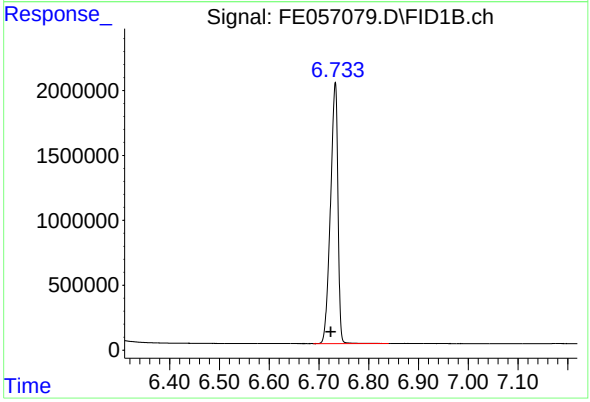
#2 n-Decane (C10)

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



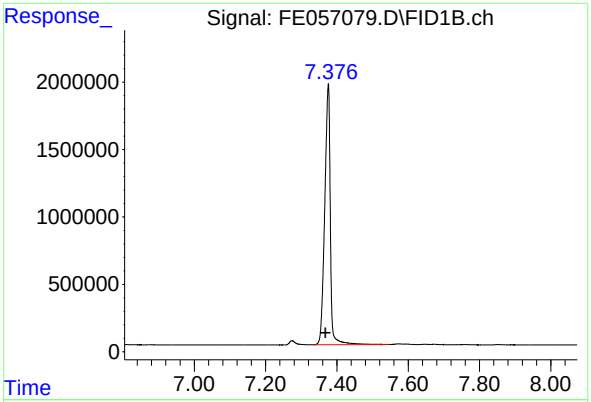
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

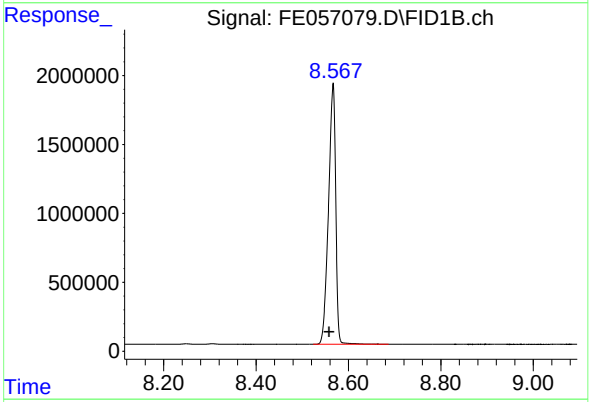
R.T.: 6.732 min
Delta R.T.: 0.008 min
Response: 20870096
Conc: 101.84 ug/ml



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

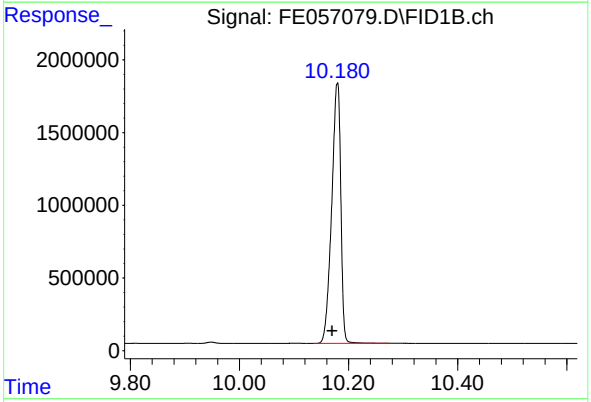
R.T.: 7.375 min
Delta R.T.: 0.008 min
Response: 21107253
Conc: 109.14 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



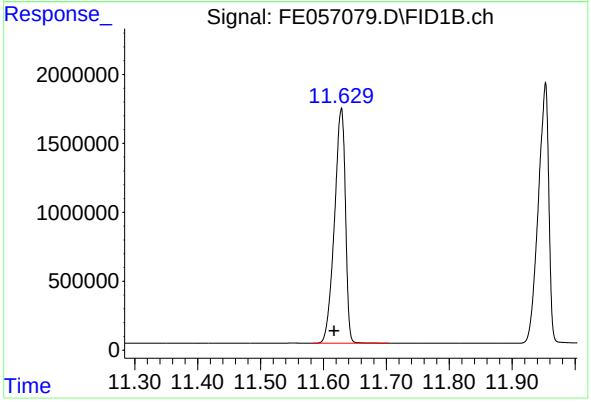
#6 n-Tetradecane (C14)

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



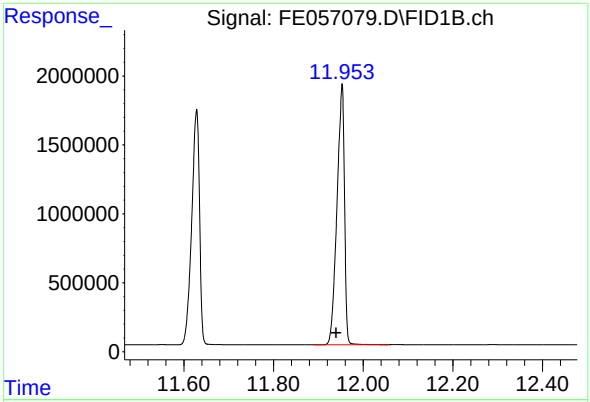
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

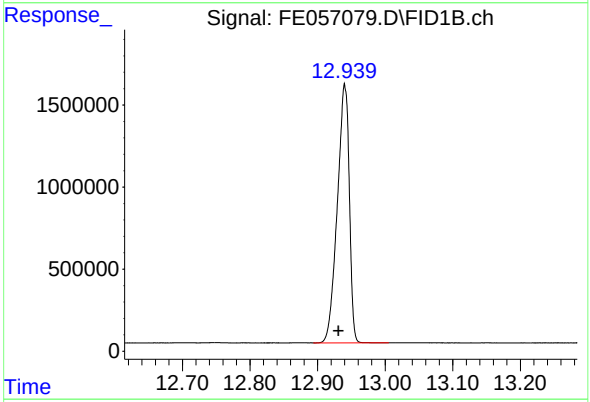
R.T.: 11.628 min
Delta R.T.: 0.011 min
Response: 20604069
Conc: 99.79 ug/ml



#9 ortho-Terphenyl (SURR)

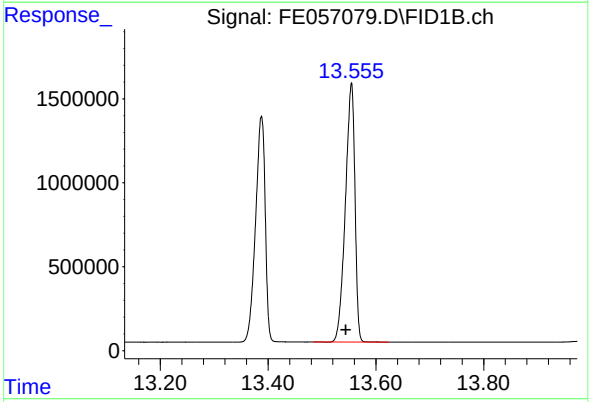
R.T.: 11.952 min
Delta R.T.: 0.012 min
Response: 21912187
Conc: 99.91 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



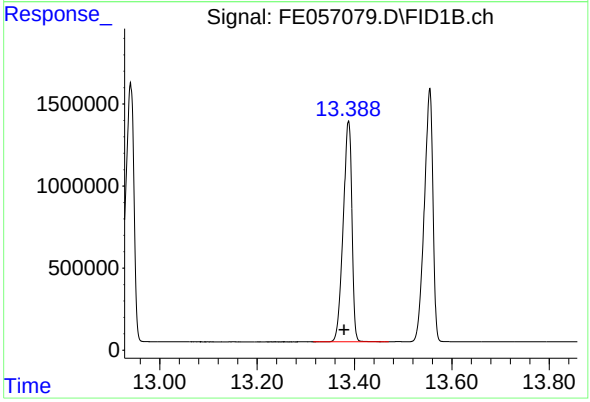
#10 n-Eicosane (C20)

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



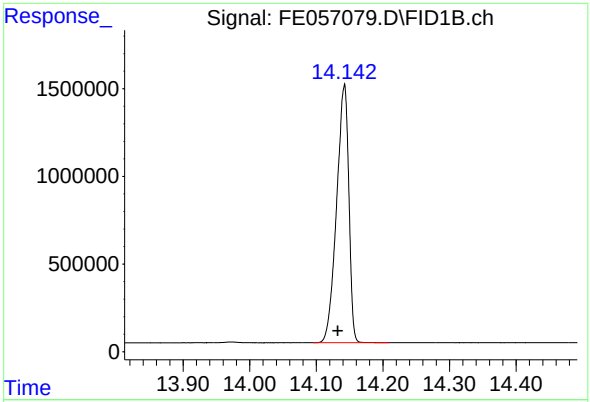
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

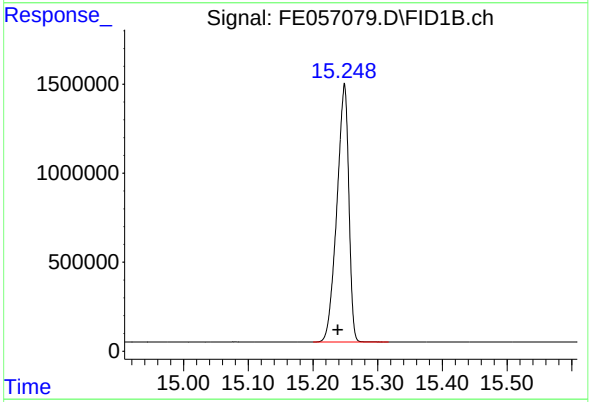
R.T.: 13.387 min
Delta R.T.: 0.009 min
Response: 16734087
Conc: 100.12 ug/ml



#13 n-Docosane (C22)

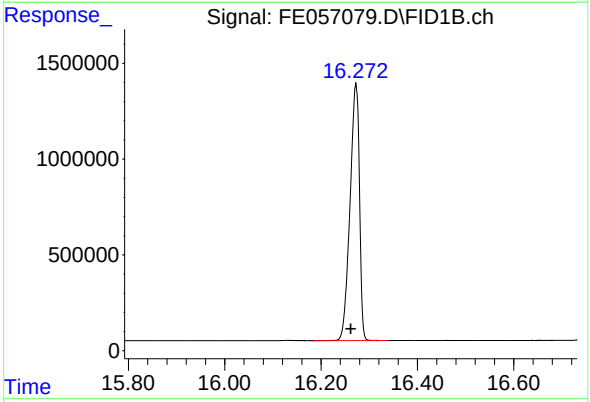
R.T.: 14.142 min
Delta R.T.: 0.009 min
Response: 18765832
Conc: 99.25 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



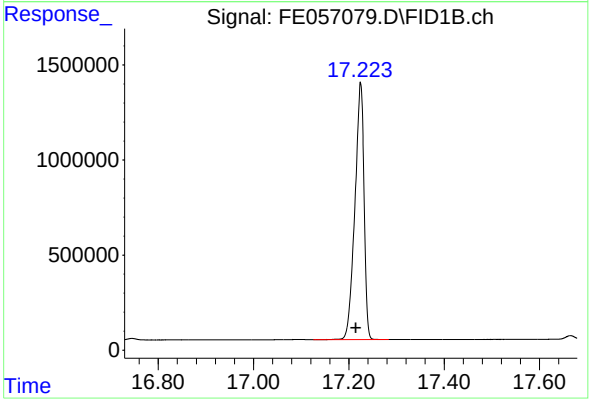
#14 n-Tetracosane (C24)

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



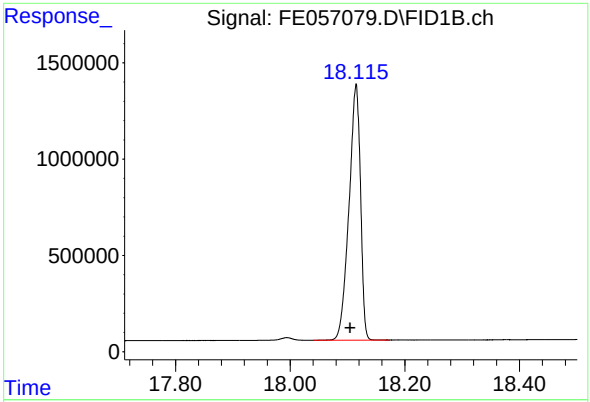
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

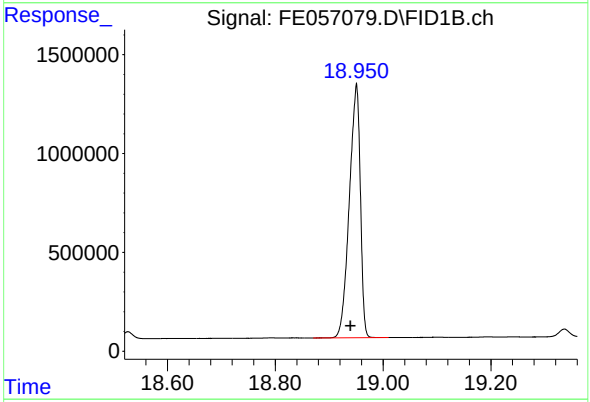
R.T.: 17.224 min
Delta R.T.: 0.010 min
Response: 18058394
Conc: 94.78 ug/ml



#17 n-Tricontane (C30)

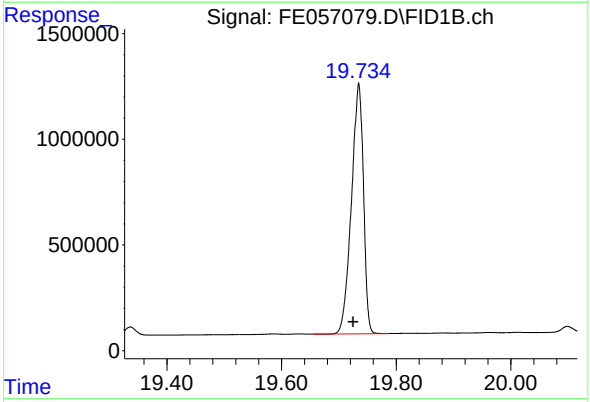
R.T.: 18.115 min
Delta R.T.: 0.010 min
Response: 18497733
Conc: 88.76 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



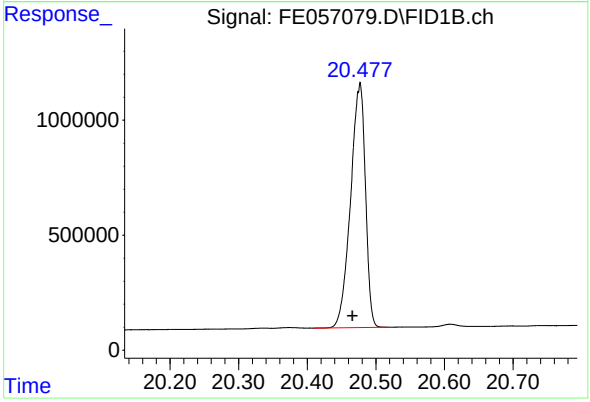
#18 n-Dotriacontane (C32)

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



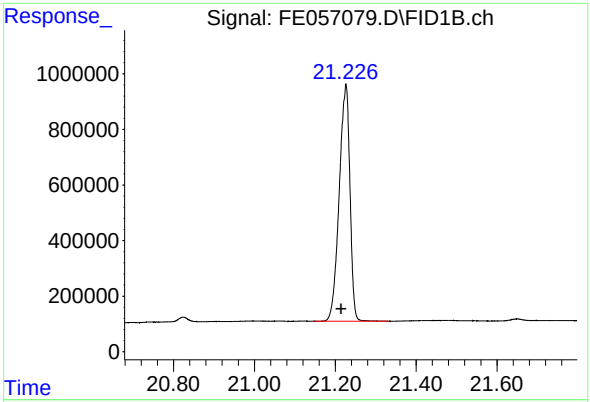
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

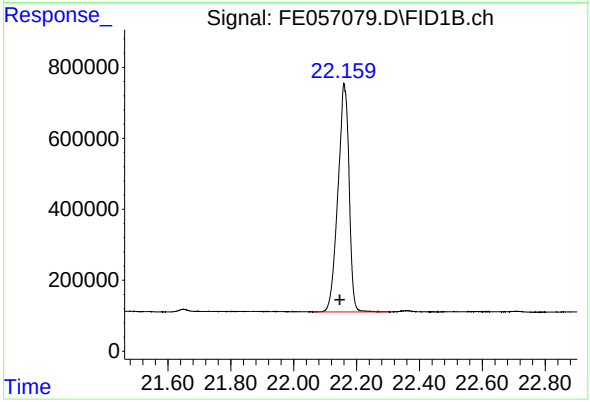
R.T.: 20.476 min
Delta R.T.: 0.010 min
Response: 15948521
Conc: 88.91 ug/ml



#21 n-Octatriacontane (C38)

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

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

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

rteres

Area Percent Report

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

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.305	3.262	3.405	BB	2004999	20032402	90.70%	4.785%
2	4.559	4.517	4.674	BB	2037297	20702539	93.74%	4.945%
3	6.274	6.239	6.475	BB	2085334	22085713	100.00%	5.276%
4	6.732	6.689	6.840	BB	1991584	20870096	94.50%	4.985%
5	7.375	7.333	7.545	VV	1923181	21107253	95.57%	5.042%
6	8.566	8.524	8.687	BB	1901958	20485583	92.75%	4.893%
7	10.179	10.135	10.274	BB	1794006	20773156	94.06%	4.962%
8	11.628	11.584	11.704	BB	1707246	20604069	93.29%	4.922%
9	11.952	11.889	12.057	BB	1866752	21912187	99.21%	5.234%
10	12.940	12.894	13.005	BB	1574265	19440685	88.02%	4.644%
11	13.388	13.315	13.470	BB	1344578	16734087	75.77%	3.997%
12	13.554	13.484	13.624	BB	1535018	18975135	85.92%	4.533%
13	14.142	14.095	14.209	BB	1465698	18765832	84.97%	4.483%
14	15.248	15.200	15.317	BB	1454610	18530924	83.90%	4.427%
15	16.272	16.184	16.340	BB	1338632	18269735	82.72%	4.364%
16	17.224	17.125	17.284	BB	1349445	18058394	81.77%	4.314%
17	18.115	18.040	18.172	BB	1333893	18497733	83.75%	4.419%
18	18.950	18.870	19.010	BB	1282735	18131393	82.10%	4.331%
19	19.735	19.655	19.787	BV	1188265	17264372	78.17%	4.124%
20	20.476	20.409	20.519	BB	1067077	15948521	72.21%	3.810%
21	21.226	21.145	21.332	BB	850741	15667436	70.94%	3.743%
22	22.161	22.062	22.302	BB	642352	15772065	71.41%	3.768%

Sum of corrected areas: 418629310

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

Quantitation Report (QT Reviewed)

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

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

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

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.945	11338527	51.700 ug/ml
Spiked Amount	50.000		Recovery =	103.40%
12) S	1-chlorooctadecane (S...	13.382	8686353	51.972 ug/ml
Spiked Amount	50.000		Recovery =	103.94%
	Target Compounds			
1) T	n-Nonane (C9)	3.301	10181724	52.037 ug/ml
2) T	n-Decane (C10)	4.554	10507352	51.672 ug/ml
3) T	A~Naphthalene (C11.7)	6.269	11023314	53.713 ug/ml
4) T	n-Dodecane (C12)	6.727	10588539	51.671 ug/ml
5) T	A~2-methylnaphthalene...	7.369	10490219	54.242 ug/ml
6) T	n-Tetradecane (C14)	8.561	10501579	51.949 ug/ml
7) T	n-Hexadecane (C16)	10.174	10724857	52.057 ug/ml
8) T	n-Octadecane (C18)	11.622	10702524	51.834 ug/ml
10) T	n-Eicosane (C20)	12.935	10128886	51.693 ug/ml
11) T	n-Heneicosane (C21)	13.548	9877404	51.564 ug/ml
13) T	n-Docosane (C22)	14.136	9855250	52.123 ug/ml
14) T	n-Tetracosane (C24)	15.242	9936631	52.957 ug/ml
15) T	n-Hexacosane (C26)	16.266	9814397	52.750 ug/ml
16) T	n-Octacosane (C28)	17.219	9813282	51.506 ug/ml
17) T	n-Tricontane (C30)	18.109	10211769	49.003 ug/ml
18) T	n-Dotriacontane (C32)	18.944	10157241	46.997 ug/ml
19) T	n-Tetratriacontane (C34)	19.730	9478160	46.731 ug/ml
20) T	n-Hexatriacontane (C36)	20.472	8500505	47.390 ug/ml
21) T	n-Octatriacontane (C38)	21.219	8187666	48.562 ug/ml
22) T	n-Tetracontane (C40)	22.152	8205394	49.903 ug/ml

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

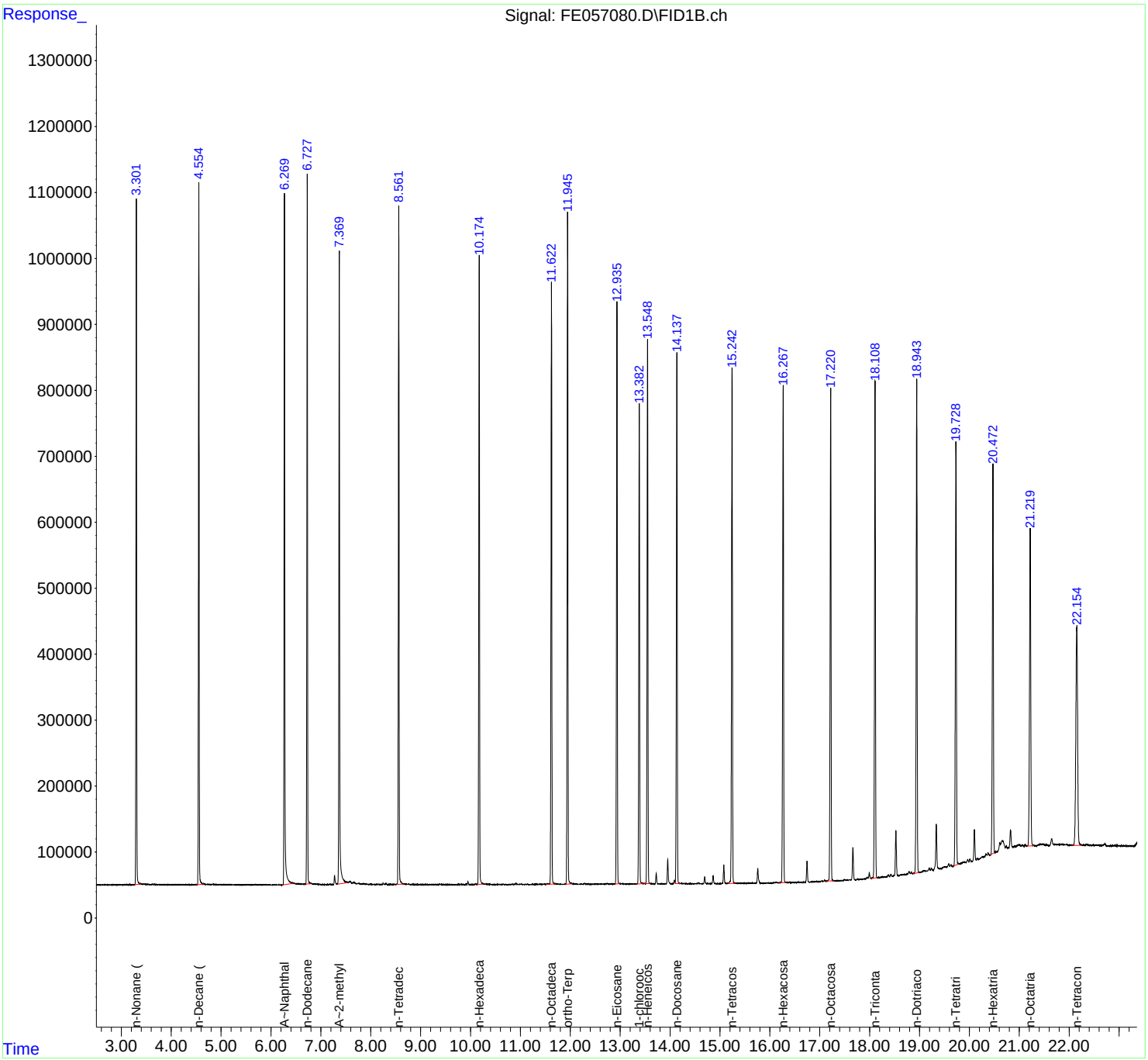
Quantitation Report (QT Reviewed)

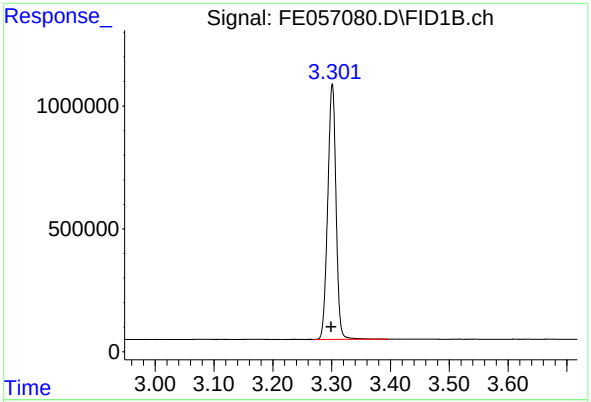
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057080.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 12:47
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

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

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

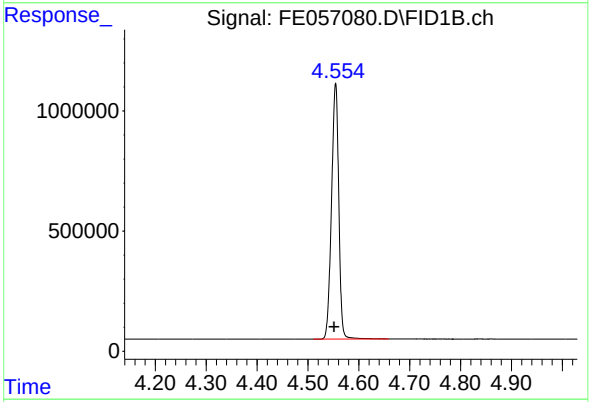




#1 n-Nonane (C9)

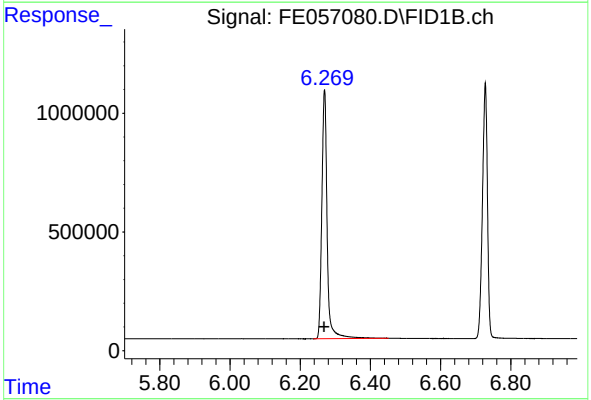
R.T.: 3.301 min
Delta R.T.: 0.002 min
Response: 10181724
Conc: 52.04 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



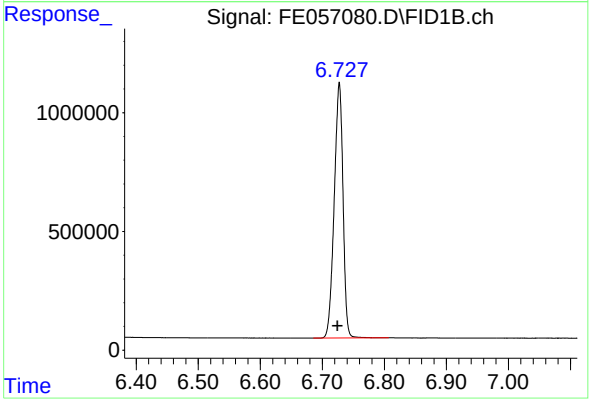
#2 n-Decane (C10)

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



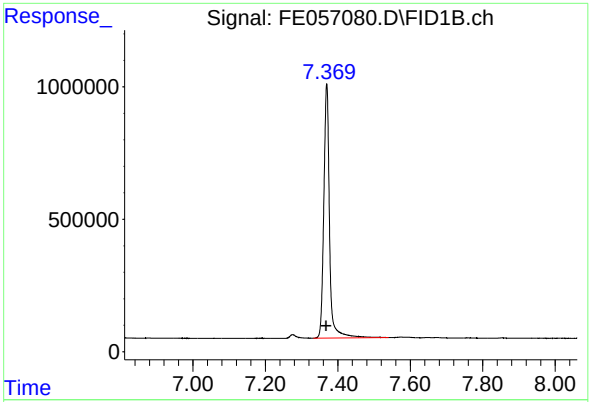
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

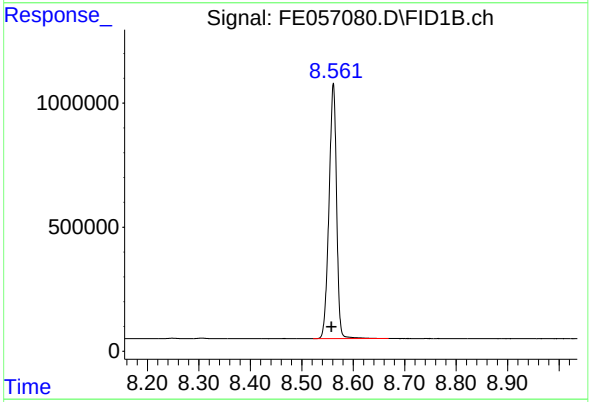
R.T.: 6.727 min
Delta R.T.: 0.003 min
Response: 10588539
Conc: 51.67 ug/ml



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

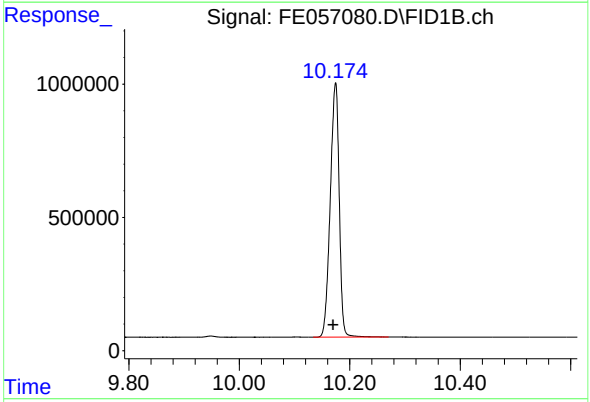
R.T.: 7.369 min
Delta R.T.: 0.002 min
Response: 10490219
Conc: 54.24 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



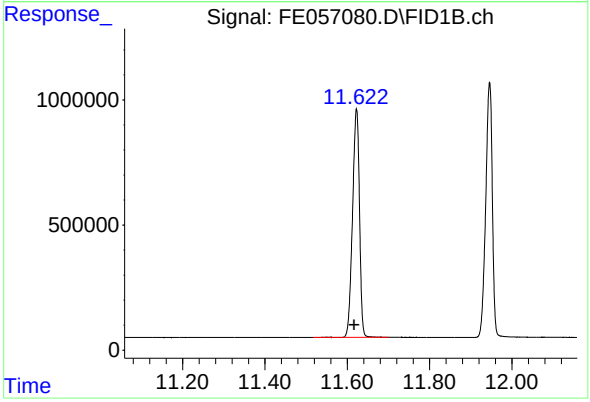
#6 n-Tetradecane (C14)

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



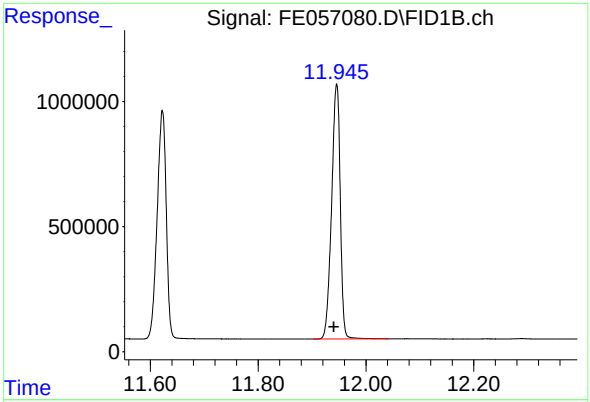
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

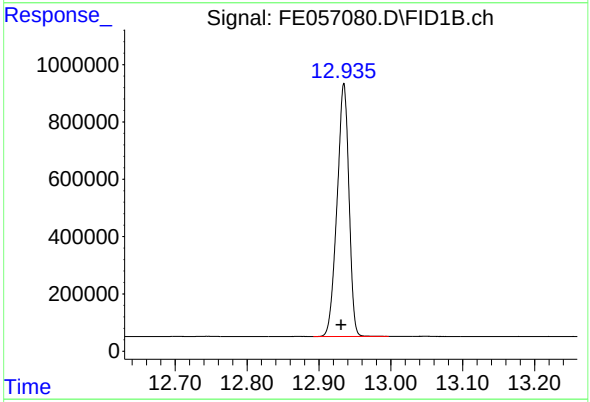
R.T.: 11.622 min
Delta R.T.: 0.005 min
Response: 10702524
Conc: 51.83 ug/ml



#9 ortho-Terphenyl (SURR)

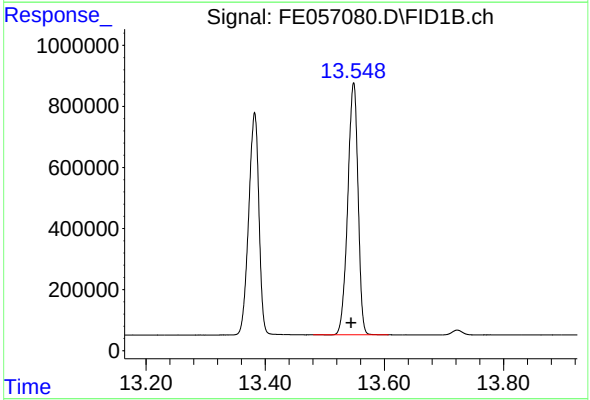
R.T.: 11.945 min
Delta R.T.: 0.006 min
Response: 11338527
Conc: 51.70 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



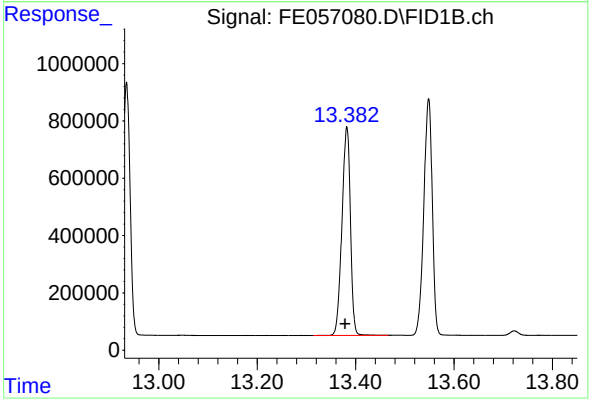
#10 n-Eicosane (C20)

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



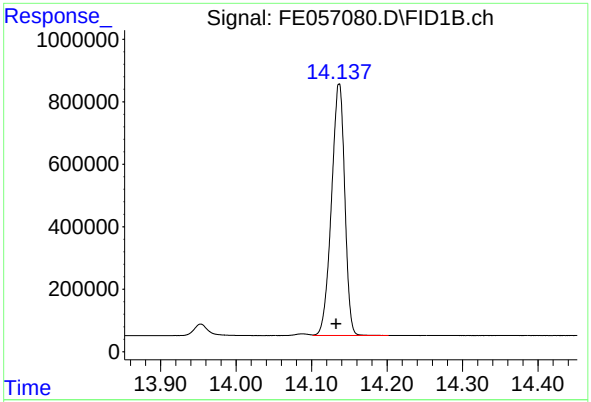
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

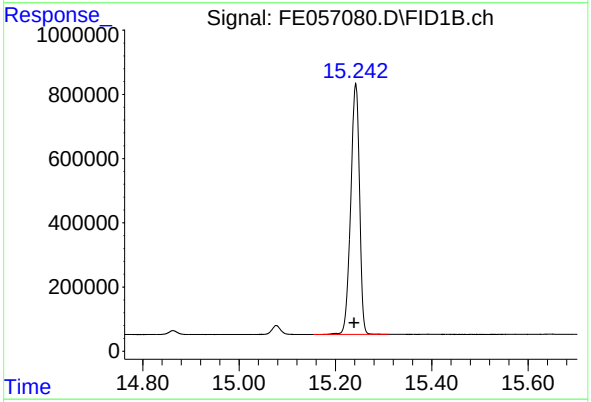
R.T.: 13.382 min
Delta R.T.: 0.004 min
Response: 8686353
Conc: 51.97 ug/ml



#13 n-Docosane (C22)

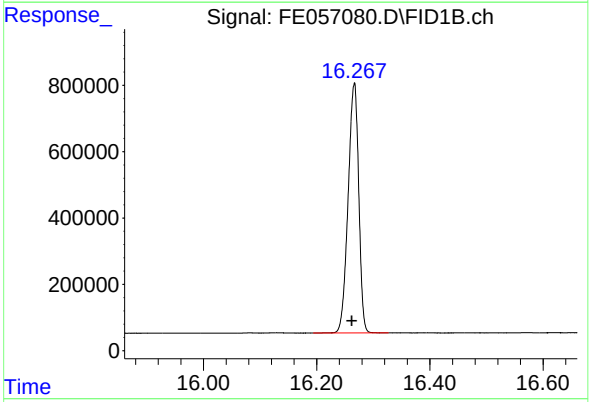
R.T.: 14.136 min
Delta R.T.: 0.004 min
Response: 9855250
Conc: 52.12 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



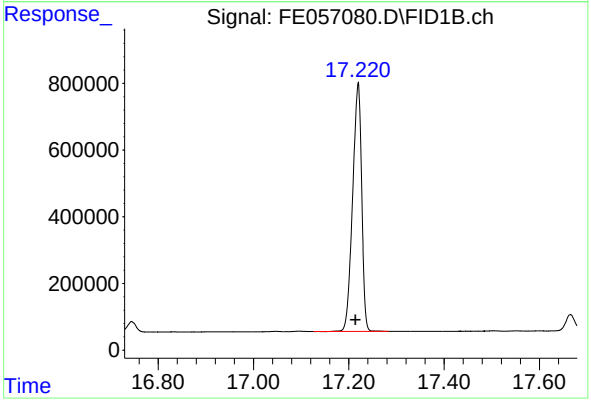
#14 n-Tetracosane (C24)

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



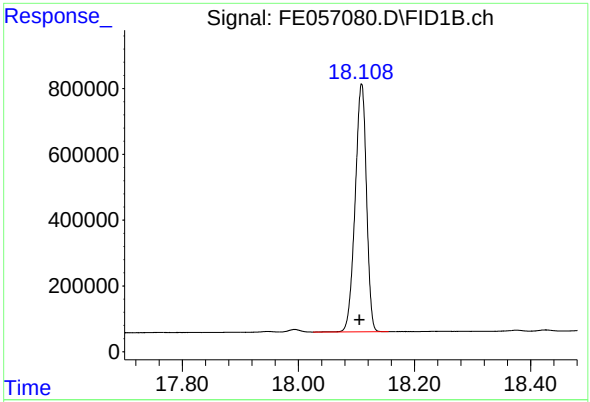
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

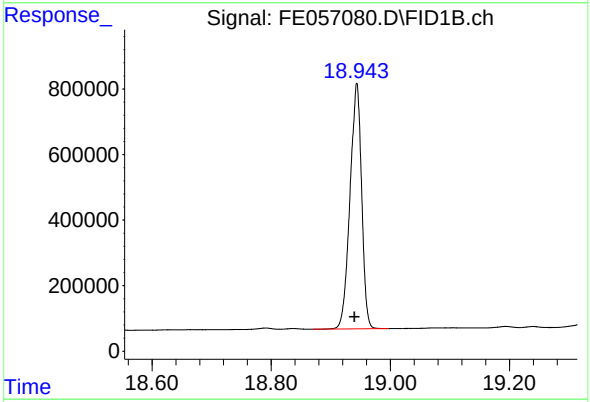
R.T.: 17.219 min
Delta R.T.: 0.005 min
Response: 9813282
Conc: 51.51 ug/ml



#17 n-Tricontane (C30)

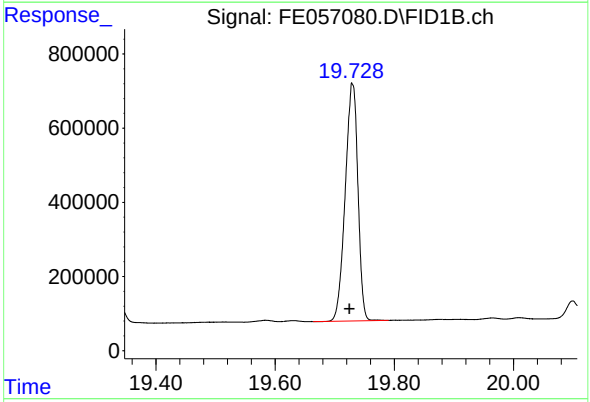
R.T.: 18.109 min
Delta R.T.: 0.004 min
Response: 10211769
Conc: 49.00 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



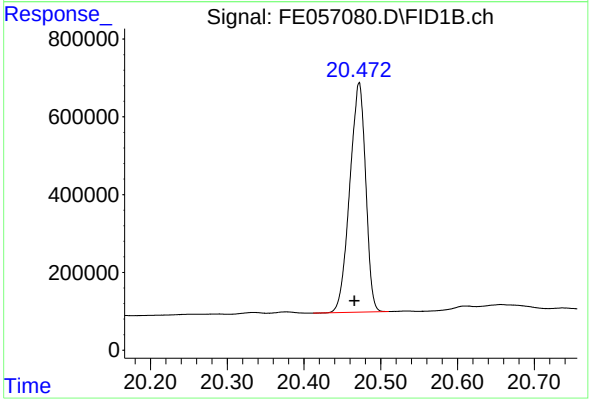
#18 n-Dotriacontane (C32)

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



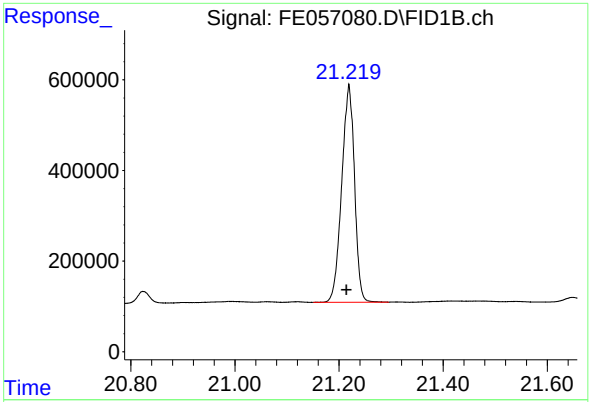
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

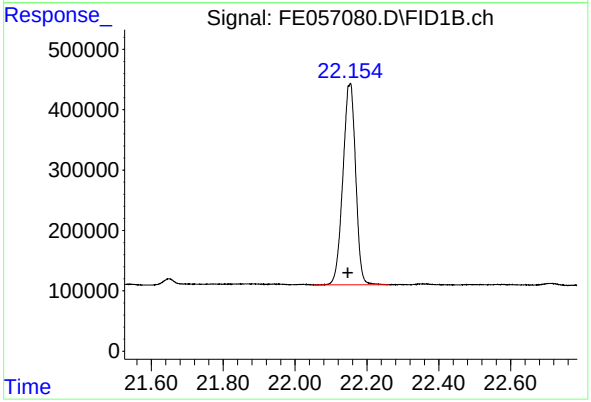
R.T.: 20.472 min
Delta R.T.: 0.006 min
Response: 8500505
Conc: 47.39 ug/ml



#21 n-Octatriacontane (C38)

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

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

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

rteres

Area Percent Report

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

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.301	3.269	3.397	BB	1039998	10181724	89.80%	4.651%
2	4.554	4.510	4.659	BB	1062040	10507352	92.67%	4.800%
3	6.269	6.237	6.452	BB	1050349	11023314	97.22%	5.036%
4	6.727	6.685	6.807	BB	1075637	10588539	93.39%	4.837%
5	7.369	7.332	7.540	BB	961150	10490219	92.52%	4.792%
6	8.561	8.522	8.669	BB	1032836	10501579	92.62%	4.797%
7	10.174	10.134	10.270	BB	951485	10724857	94.59%	4.899%
8	11.622	11.517	11.700	BB	914280	10702524	94.39%	4.889%
9	11.946	11.902	12.042	BB	1019487	11338527	100.00%	5.180%
10	12.935	12.892	12.997	BB	885928	10128886	89.33%	4.627%
11	13.382	13.314	13.467	BB	729519	8686353	76.61%	3.968%
12	13.548	13.480	13.607	BB	827656	9877404	87.11%	4.512%
13	14.136	14.102	14.202	VB	807588	9855250	86.92%	4.502%
14	15.242	15.154	15.310	BB	780819	9936631	87.64%	4.539%
15	16.266	16.194	16.327	BB	757237	9814397	86.56%	4.483%
16	17.219	17.125	17.284	BB	741457	9813282	86.55%	4.483%
17	18.109	18.025	18.155	PB	755216	10211769	90.06%	4.665%
18	18.944	18.870	18.997	BB	751186	10157241	89.58%	4.640%
19	19.730	19.664	19.790	BB	637434	9478160	83.59%	4.330%
20	20.472	20.412	20.510	BV	590942	8500505	74.97%	3.883%
21	21.219	21.150	21.295	BB	480348	8187666	72.21%	3.740%
22	22.152	22.050	22.260	BB	331986	8205394	72.37%	3.748%
			Sum of corrected areas:			218911571		

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

Quantitation Report (QT Reviewed)

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

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

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

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.940	4386274	20.000 ug/ml
Spiked Amount	50.000		Recovery =	40.00%
12) S	1-chlorooctadecane (S...	13.378	3342691	20.000 ug/ml
Spiked Amount	50.000		Recovery =	40.00%
	Target Compounds			
1) T	n-Nonane (C9)	3.299	3913269	20.000 ug/ml
2) T	n-Decane (C10)	4.551	4066962	20.000 ug/ml
3) T	A~Naphthalene (C11.7)	6.268	4104533	20.000 ug/ml
4) T	n-Dodecane (C12)	6.724	4098464	20.000 ug/ml
5) T	A~2-methylnaphthalene...	7.368	3867913	20.000 ug/ml
6) T	n-Tetradecane (C14)	8.558	4043026	20.000 ug/ml
7) T	n-Hexadecane (C16)	10.170	4120421	20.000 ug/ml
8) T	n-Octadecane (C18)	11.617	4129503	20.000 ug/ml
10) T	n-Eicosane (C20)	12.931	3918861	20.000 ug/ml
11) T	n-Heneicosane (C21)	13.544	3831131	20.000 ug/ml
13) T	n-Docosane (C22)	14.132	3781526	20.000 ug/ml
14) T	n-Tetracosane (C24)	15.238	3752748	20.000 ug/ml
15) T	n-Hexacosane (C26)	16.262	3721100	20.000 ug/ml
16) T	n-Octacosane (C28)	17.214	3810559	20.000 ug/ml
17) T	n-Tricontane (C30)	18.105	4167826	20.000 ug/ml
18) T	n-Dotriacontane (C32)	18.940	4322475	20.000 ug/ml
19) T	n-Tetratriacontane (C34)	19.725	4056506	20.000 ug/ml
20) T	n-Hexatriacontane (C36)	20.466	3587436	20.000 ug/ml
21) T	n-Octatriacontane (C38)	21.214	3372052	20.000 ug/ml
22) T	n-Tetracontane (C40)	22.146	3288519	20.000 ug/ml

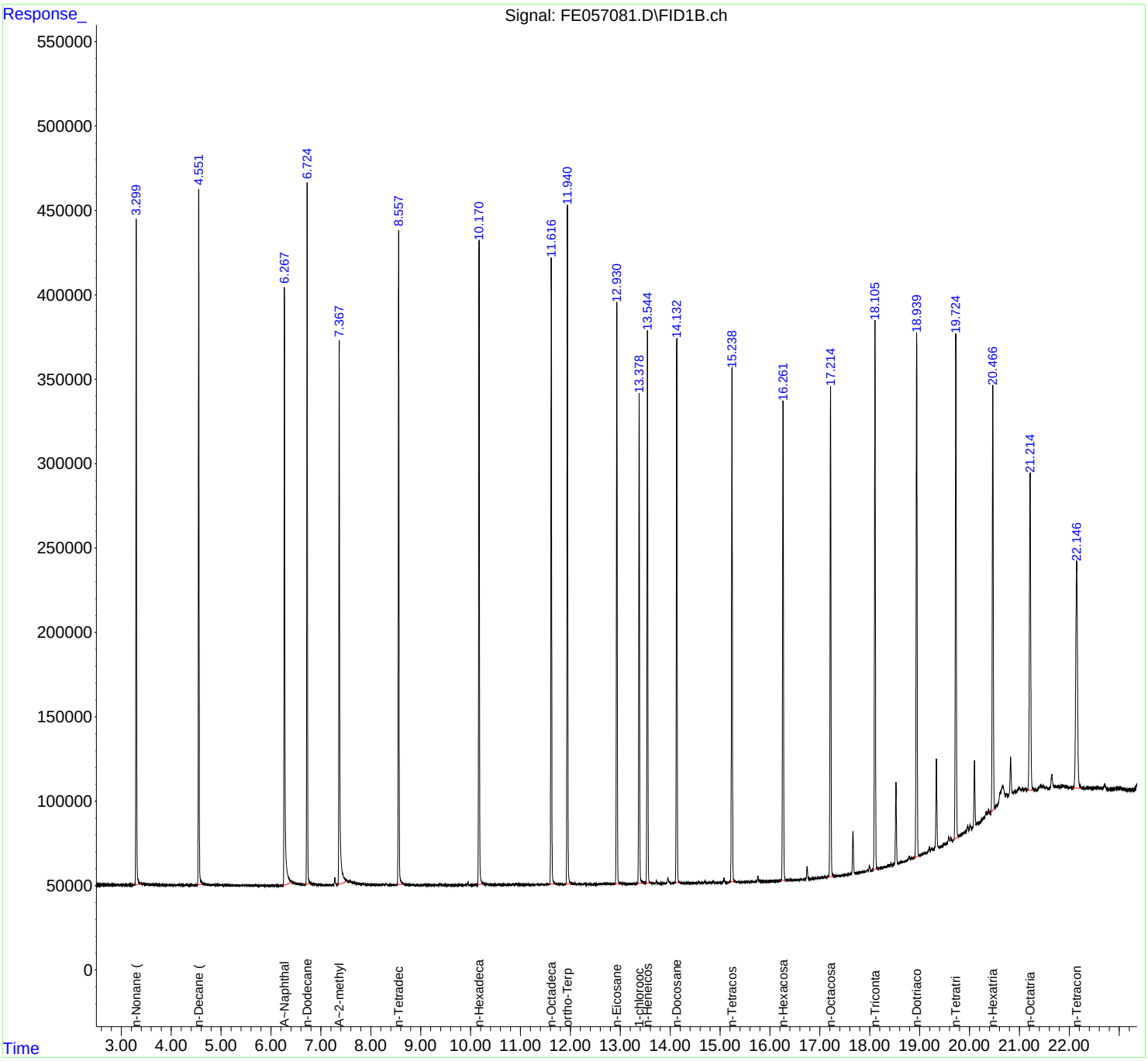
(f)=RT Delta > 1/2 Window (m)=manual int.

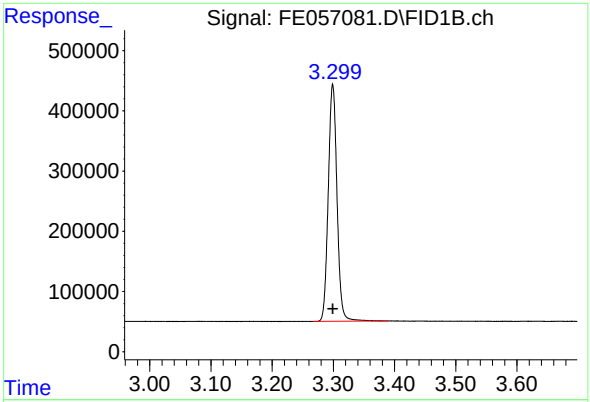
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057081.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 13:17
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

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

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

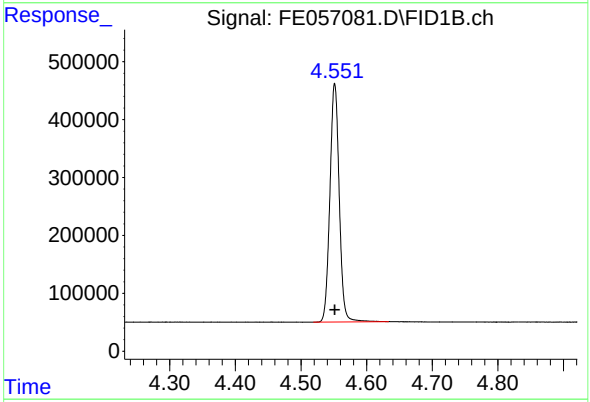




#1 n-Nonane (C9)

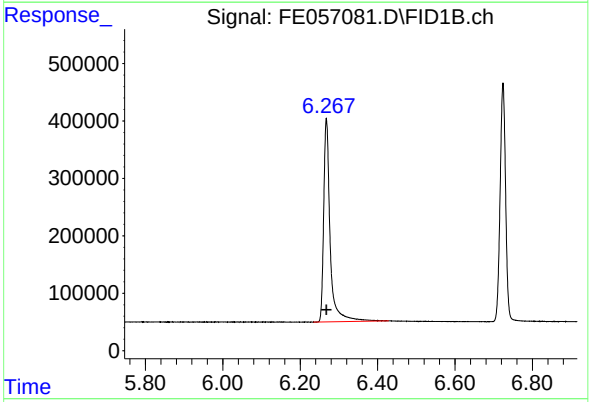
R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 3913269
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



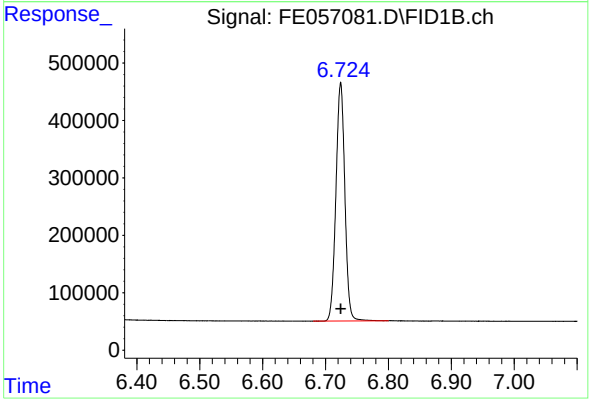
#2 n-Decane (C10)

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



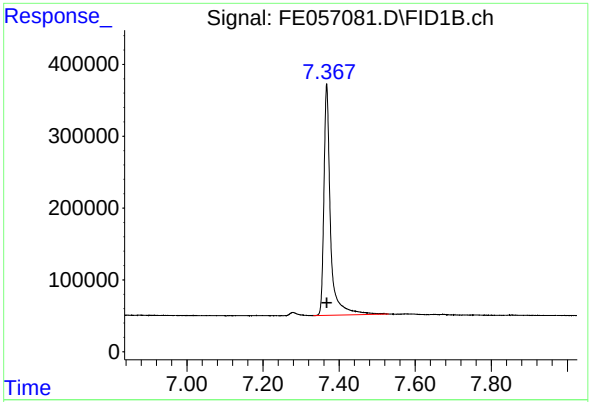
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

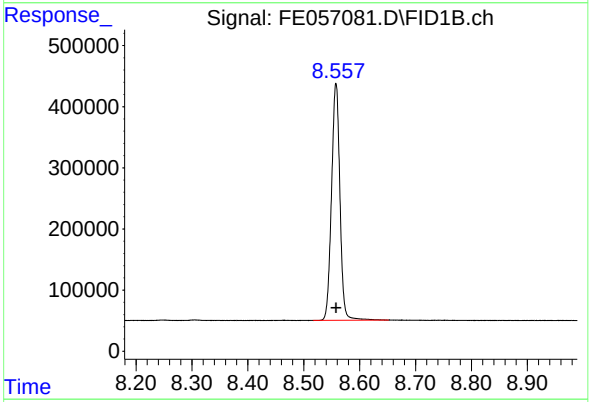
R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 4098464
Conc: 20.00 ug/ml



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

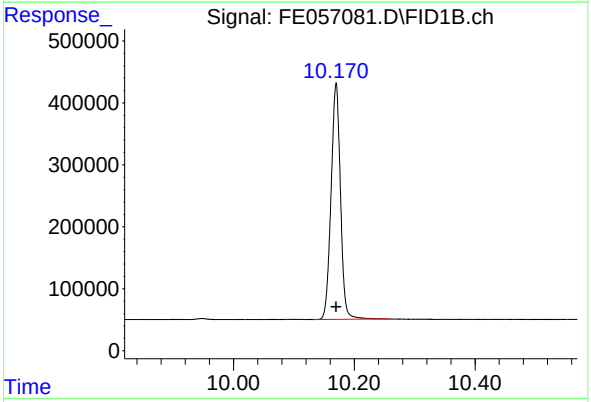
R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 3867913
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



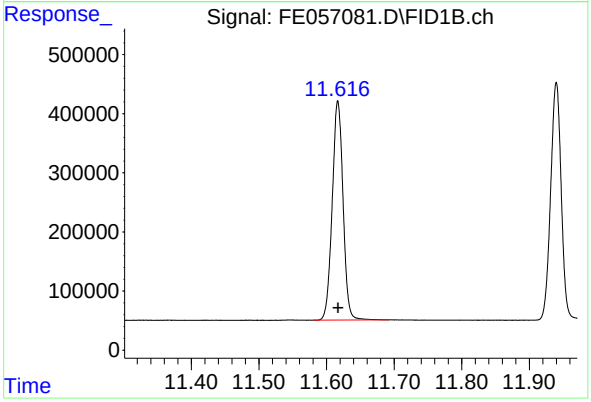
#6 n-Tetradecane (C14)

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



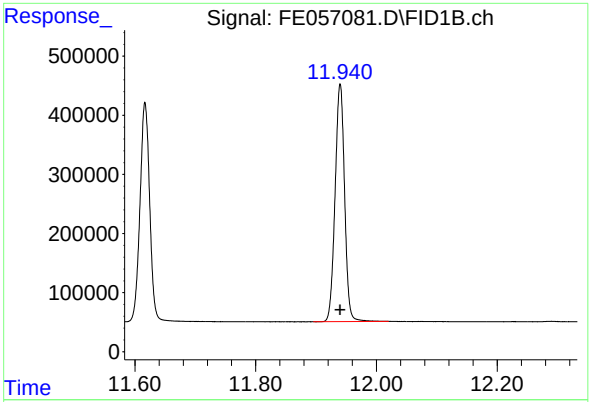
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

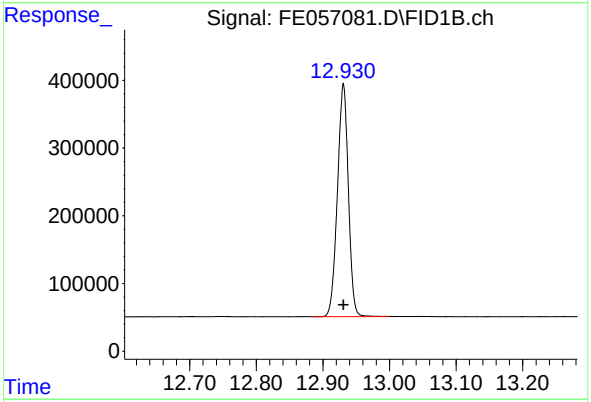
R.T.: 11.617 min
Delta R.T.: 0.000 min
Response: 4129503
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

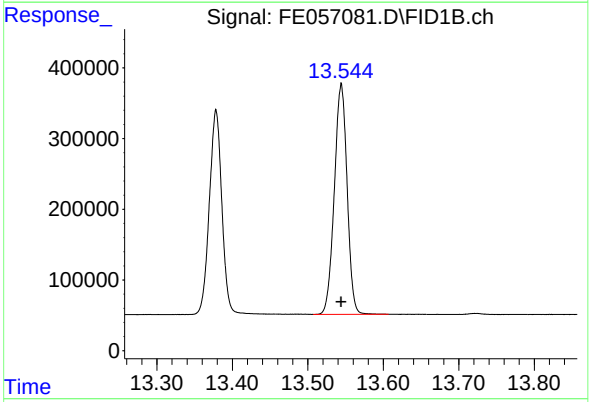
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 4386274
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



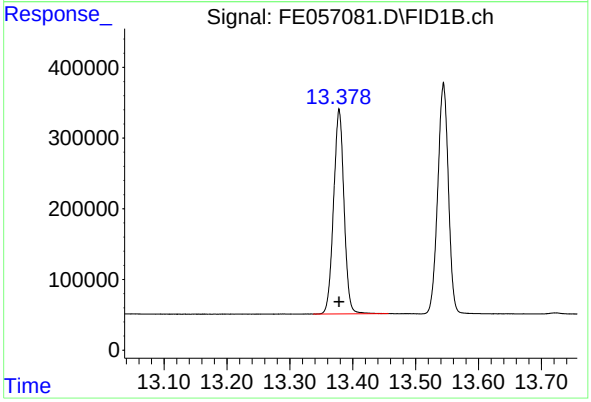
#10 n-Eicosane (C20)

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



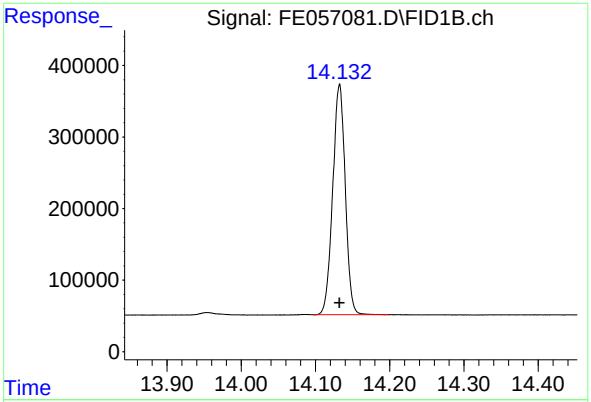
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

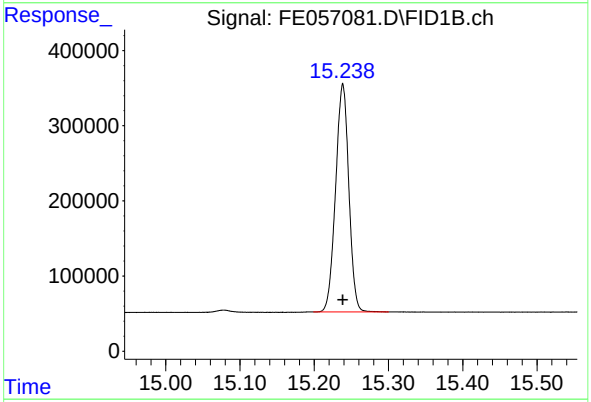
R.T.: 13.378 min
Delta R.T.: 0.000 min
Response: 3342691
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

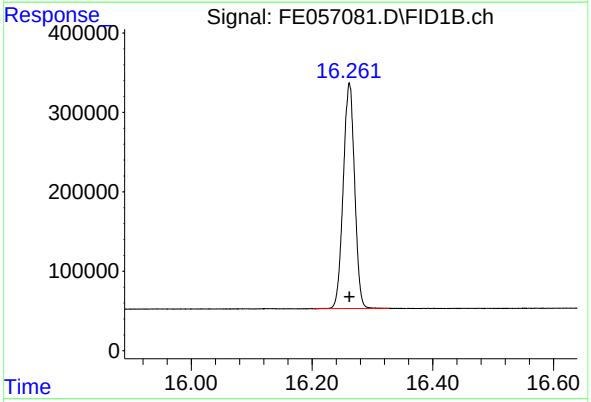
R.T.: 14.132 min
Delta R.T.: 0.000 min
Response: 3781526
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



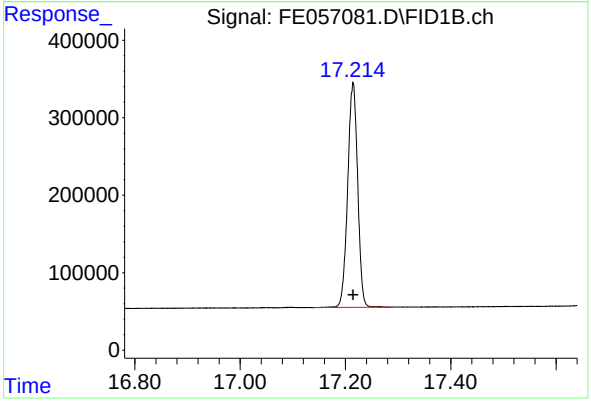
#14 n-Tetracosane (C24)

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



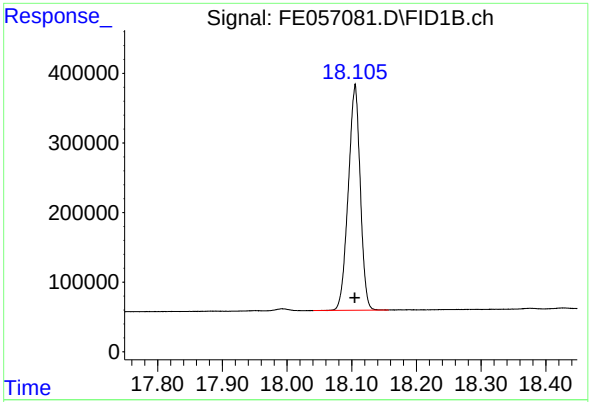
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

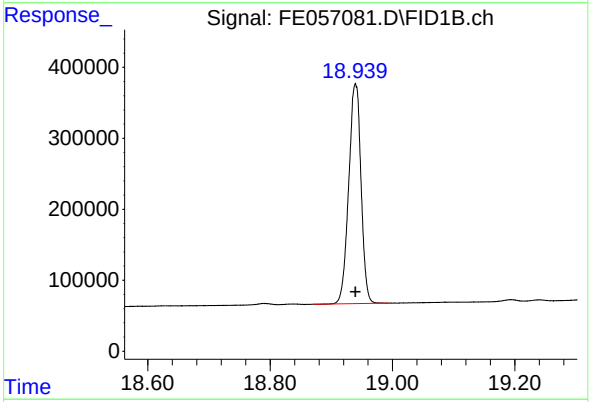
R.T.: 17.214 min
Delta R.T.: 0.000 min
Response: 3810559
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

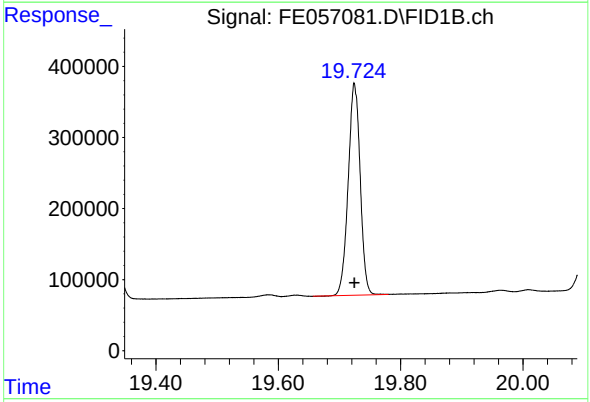
R.T.: 18.105 min
Delta R.T.: 0.000 min
Response: 4167826
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



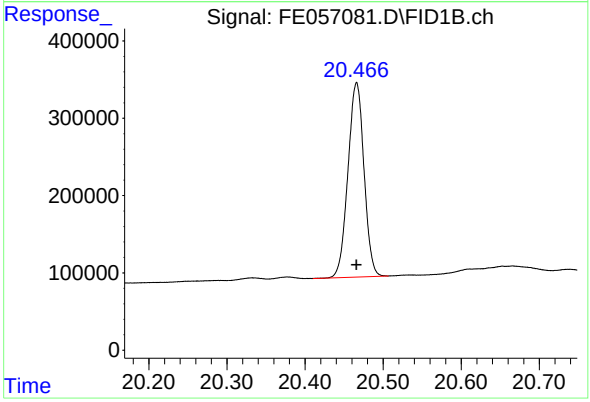
#18 n-Dotriacontane (C32)

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



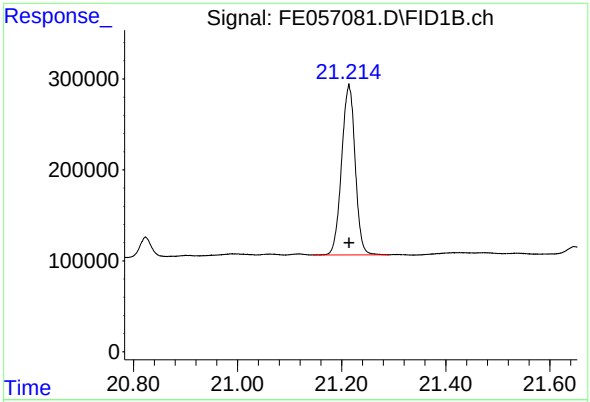
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

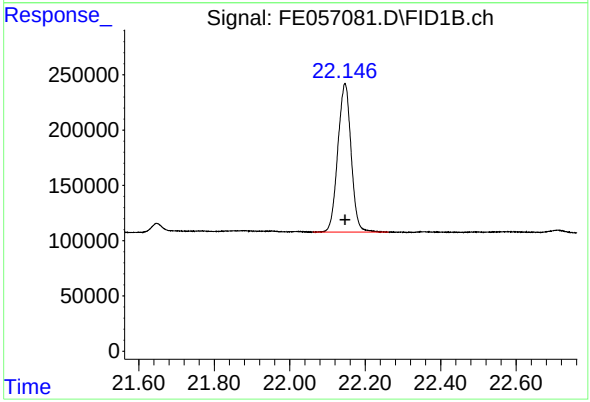
R.T.: 20.466 min
Delta R.T.: 0.000 min
Response: 3587436
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

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

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

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

rteres

Area Percent Report

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

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.299	3.267	3.390	BB	393798	3913269	89.22%	4.567%
2	4.551	4.519	4.634	BB	411199	4066962	92.72%	4.746%
3	6.268	6.234	6.429	BB	350090	4104533	93.58%	4.790%
4	6.724	6.680	6.800	BB	413602	4098464	93.44%	4.783%
5	7.368	7.332	7.530	BB	321341	3867913	88.18%	4.514%
6	8.558	8.517	8.652	BB	388139	4043026	92.17%	4.719%
7	10.170	10.132	10.257	BB	382710	4120421	93.94%	4.809%
8	11.617	11.580	11.692	BB	370353	4129503	94.15%	4.819%
9	11.940	11.895	12.020	BB	402381	4386274	100.00%	5.119%
10	12.931	12.885	12.999	BB	344818	3918861	89.34%	4.574%
11	13.378	13.337	13.457	BB	289593	3342691	76.21%	3.901%
12	13.544	13.507	13.607	BB	324466	3831131	87.34%	4.471%
13	14.132	14.097	14.199	BB	321242	3781526	86.21%	4.413%
14	15.238	15.199	15.300	BB	304068	3752748	85.56%	4.380%
15	16.262	16.202	16.327	BB	284225	3721100	84.84%	4.343%
16	17.214	17.139	17.282	BB	288619	3810559	86.87%	4.447%
17	18.105	18.040	18.157	BB	324782	4167826	95.02%	4.864%
18	18.940	18.870	18.994	BB	309193	4322475	98.55%	5.045%
19	19.725	19.657	19.780	BB	295652	4056506	92.48%	4.734%
20	20.466	20.410	20.507	BV	251364	3587436	81.79%	4.187%
21	21.214	21.145	21.290	BB	187230	3372052	76.88%	3.935%
22	22.146	22.062	22.262	BB	134568	3288519	74.97%	3.838%
			Sum of corrected areas:			85683792		

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

Quantitation Report (QT Reviewed)

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

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Manual Integrations APPROVED

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

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

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.939	2243241	10.228 ug/ml
Spiked Amount	50.000		Recovery =	20.46%
12) S	1-chlorooctadecane (S...	13.377	1697156	10.154 ug/ml
Spiked Amount	50.000		Recovery =	20.31%
	Target Compounds			
1) T	n-Nonane (C9)	3.299	1983051	10.135 ug/ml
2) T	n-Decane (C10)	4.551	2050159	10.082 ug/ml
3) T	A~Naphthalene (C11.7)	6.269	1971799	9.608 ug/ml
4) T	n-Dodecane (C12)	6.723	2073086	10.116 ug/ml
5) T	A~2-methylnaphthalene...	7.369	1806626	9.342 ug/ml
6) T	n-Tetradecane (C14)	8.557	2044223	10.112 ug/ml
7) T	n-Hexadecane (C16)	10.169	2080809	10.100 ug/ml
8) T	n-Octadecane (C18)	11.616	2104056	10.190 ug/ml
10) T	n-Eicosane (C20)	12.929	2014364	10.280 ug/ml
11) T	n-Heneicosane (C21)	13.543	1971948	10.294 ug/ml
13) T	n-Docosane (C22)	14.130	1990249	10.526 ug/ml
14) T	n-Tetracosane (C24)	15.236	2054842	10.951 ug/mlm
15) T	n-Hexacosane (C26)	16.260	2072343	11.138 ug/ml
16) T	n-Octacosane (C28)	17.213	2165384	11.365 ug/ml
17) T	n-Tricontane (C30)	18.103	2404758	11.540 ug/ml
18) T	n-Dotriacontane (C32)	18.939	2539245	11.749 ug/ml
19) T	n-Tetratriacontane (C34)	19.724	2308751	11.383 ug/ml
20) T	n-Hexatriacontane (C36)	20.466	1985844	11.071 ug/ml
21) T	n-Octatriacontane (C38)	21.213	1848111	10.961 ug/ml
22) T	n-Tetracontane (C40)	22.145	1819792	11.068 ug/ml

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

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

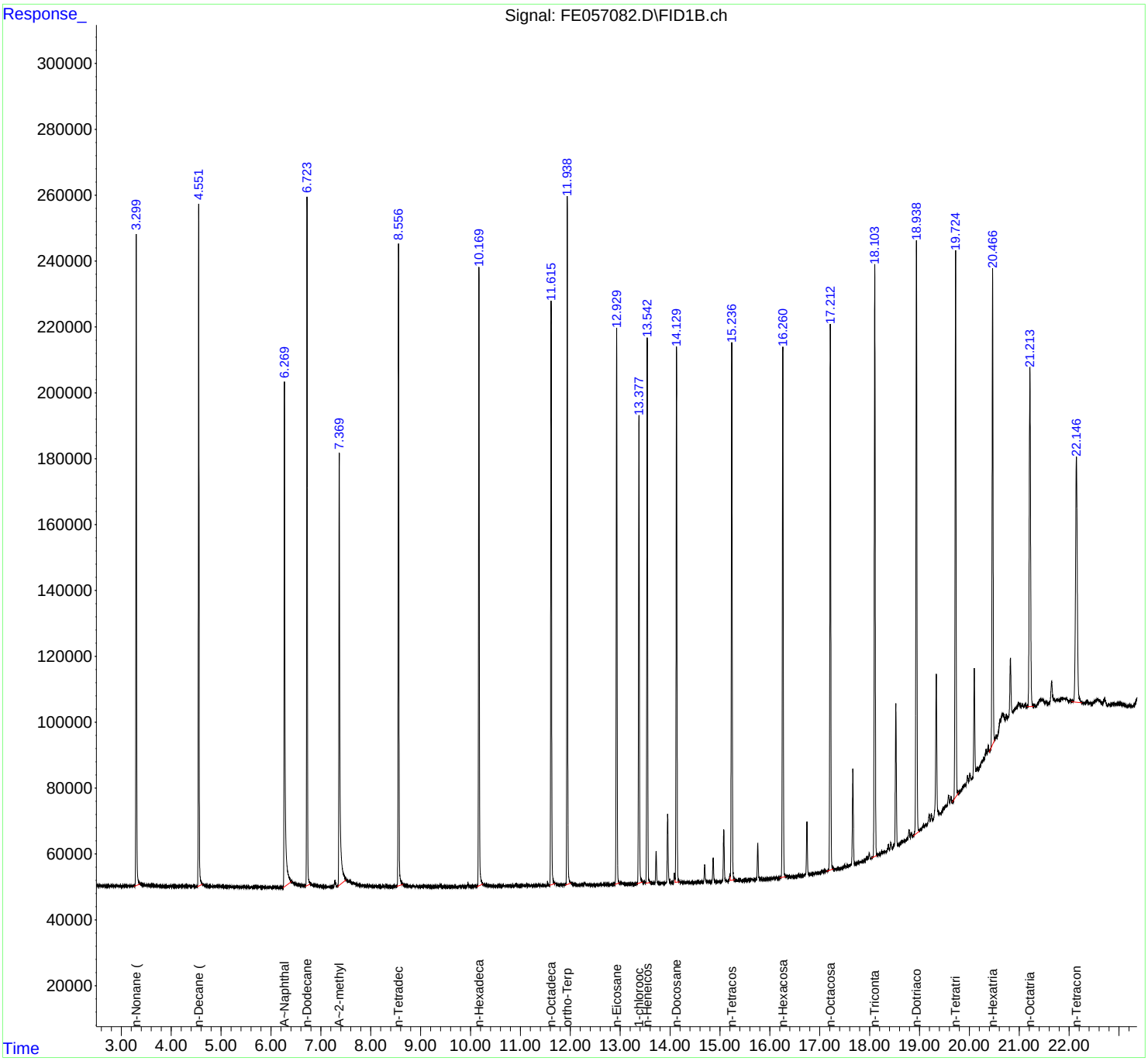
Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

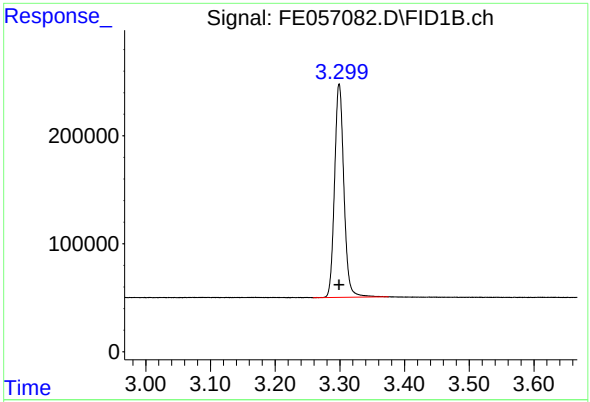
Manual Integrations APPROVED

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

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

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





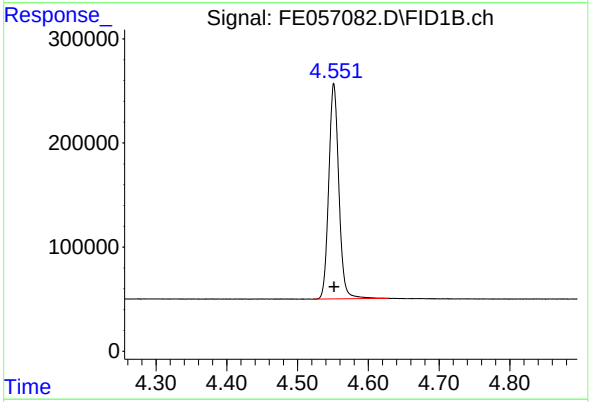
#1 n-Nonane (C9)

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

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

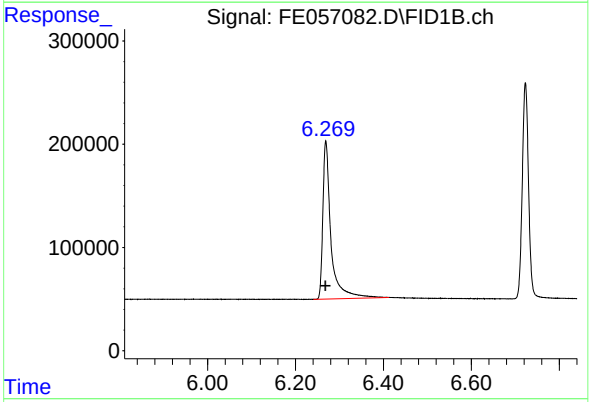
Manual Integrations
APPROVED

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



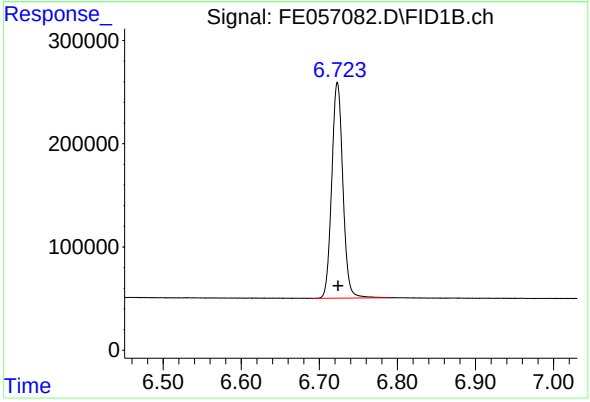
#2 n-Decane (C10)

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



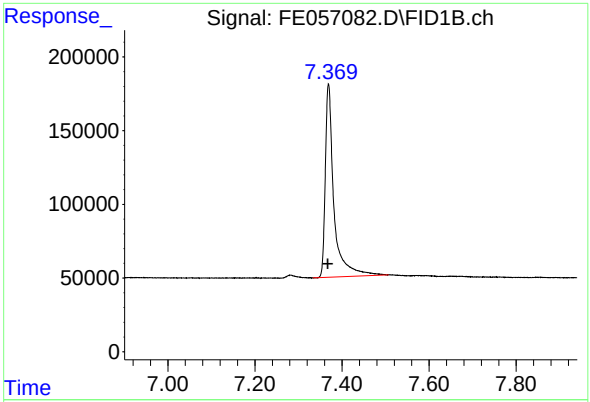
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

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



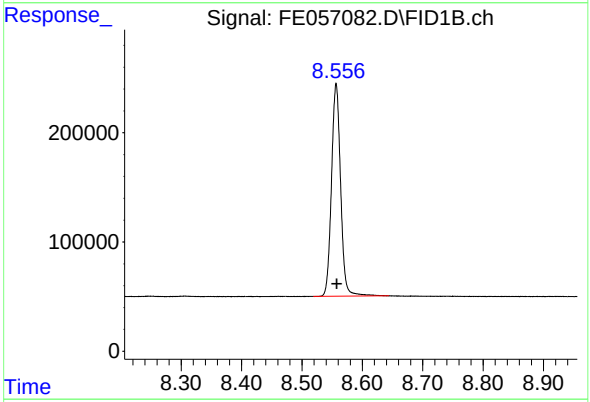
#5 A~2-methylnaphthalene (C12.89)

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

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

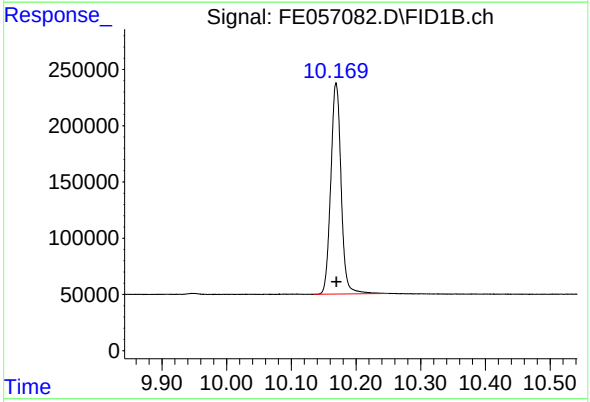
Manual Integrations
APPROVED

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



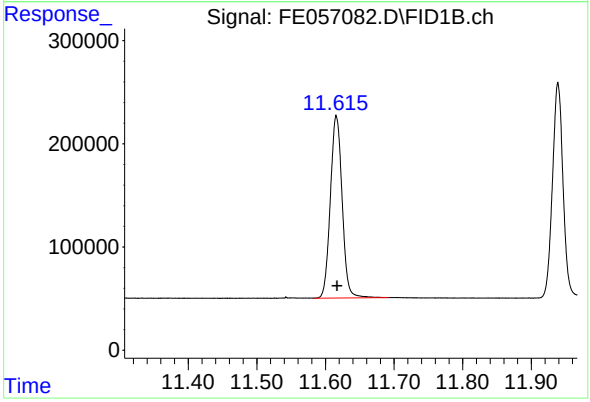
#6 n-Tetradecane (C14)

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



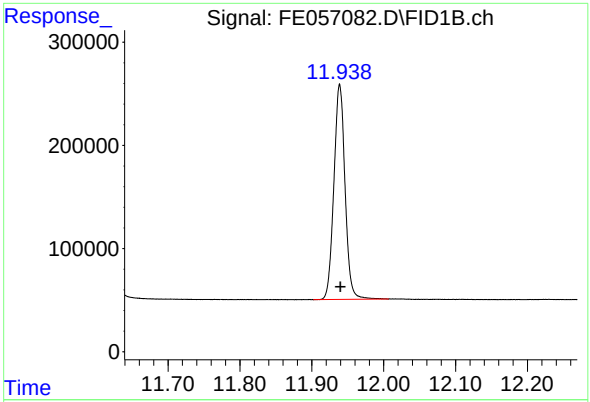
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

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



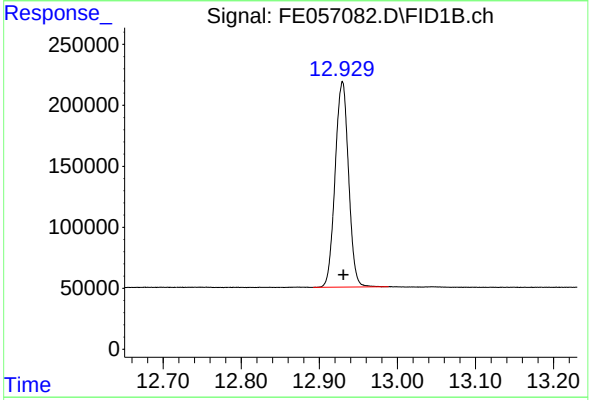
#9 ortho-Terphenyl (SURR)

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

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

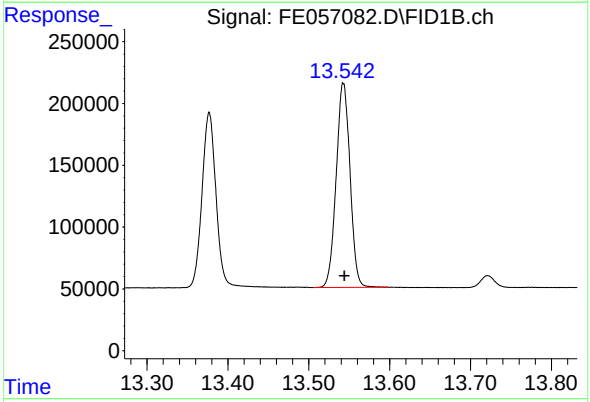
Manual Integrations
APPROVED

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



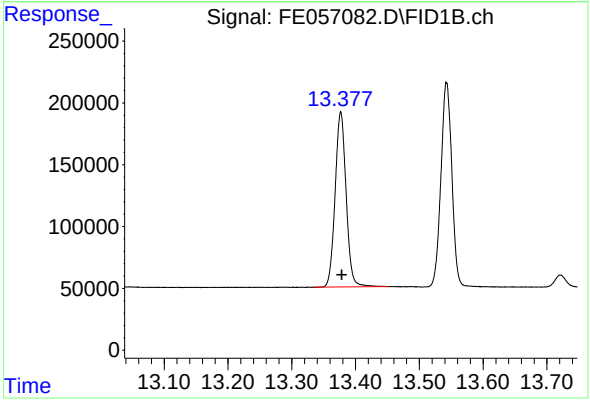
#10 n-Eicosane (C20)

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



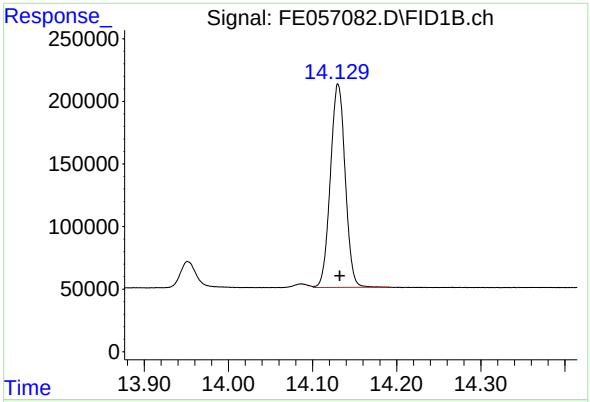
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

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



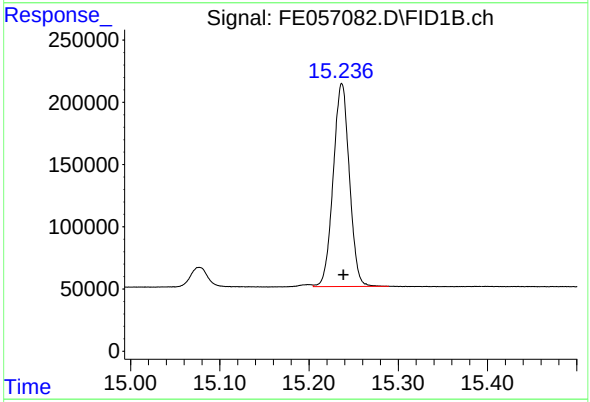
#13 n-Docosane (C22)

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

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

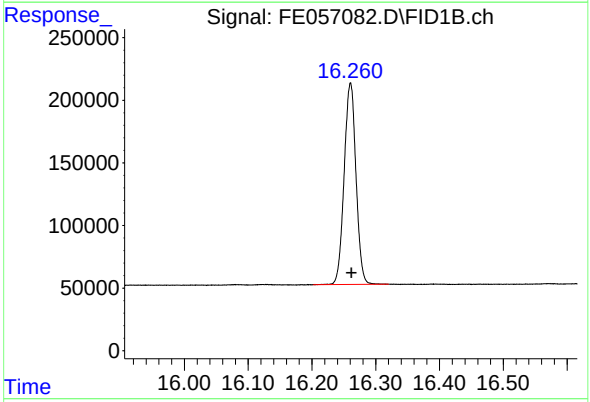
Manual Integrations
APPROVED

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



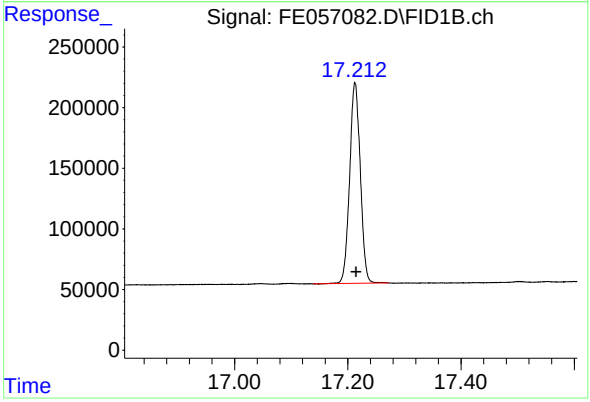
#14 n-Tetracosane (C24)

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



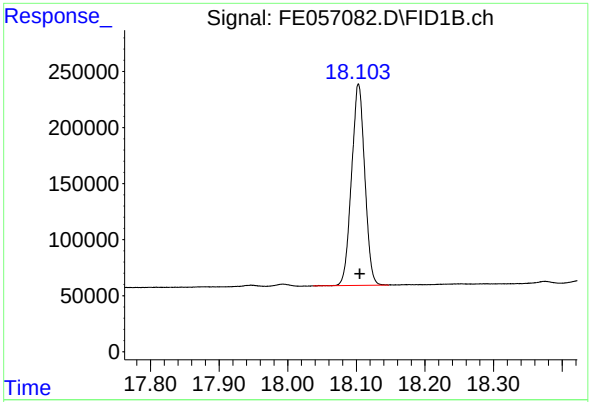
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

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



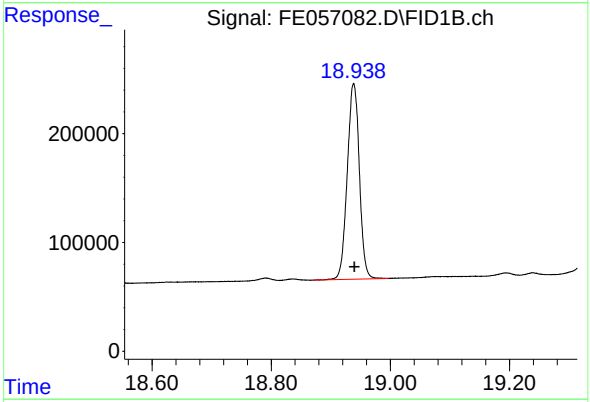
#17 n-Tricontane (C30)

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

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

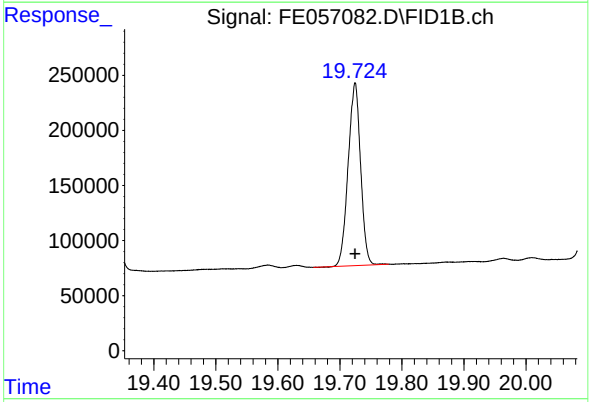
Manual Integrations
APPROVED

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



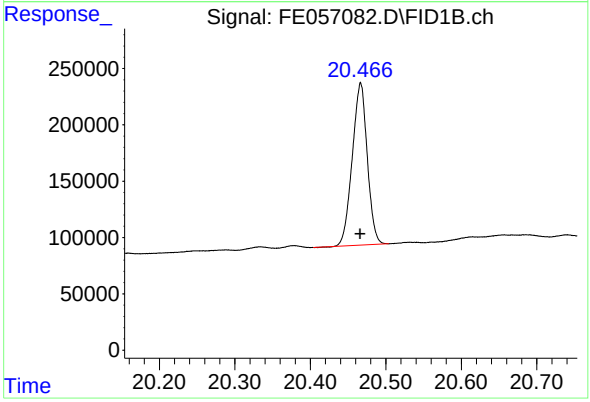
#18 n-Dotriacontane (C32)

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



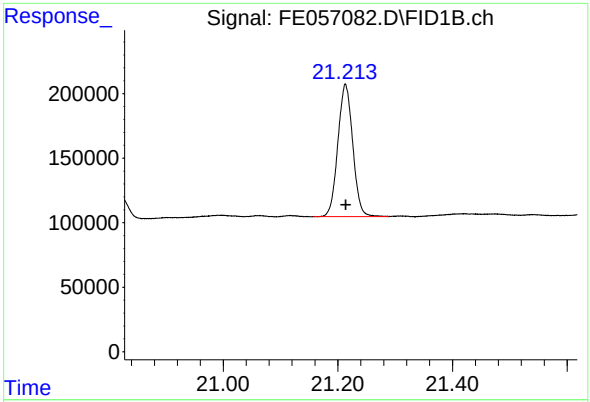
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

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



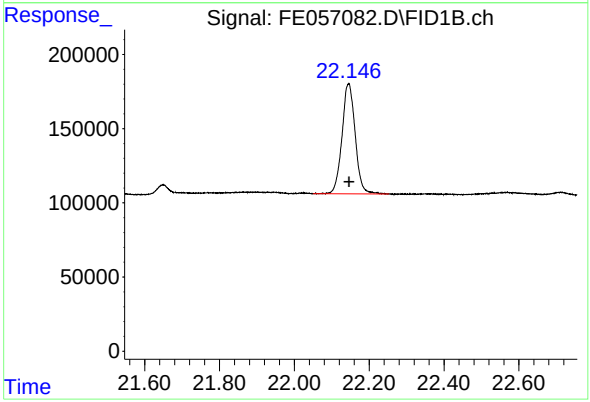
#21 n-Octatriacontane (C38)

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

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Manual Integrations APPROVED

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



#22 n-Tetracontane (C40)

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

Instrument :
FID_E
LabSampleId :
10 PPM ALIPHATIC HC STD4

rteres

Area Percent Report

Manual IntegrationsAPPROVED

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

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

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.299	3.259	3.375	BB	197822	1983051	78.10%	4.382%
2	4.551	4.522	4.629	BB	206106	2050159	80.74%	4.530%
3	6.269	6.240	6.412	BB	151764	1971799	77.65%	4.357%
4	6.723	6.692	6.789	BB	208895	2073086	81.64%	4.581%
5	7.369	7.334	7.507	BB	131190	1806626	71.15%	3.992%
6	8.557	8.519	8.644	BB	194679	2044223	80.51%	4.517%
7	10.169	10.134	10.250	BB	187330	2080809	81.95%	4.598%
8	11.616	11.582	11.692	BB	176797	2104056	82.86%	4.649%
9	11.939	11.902	12.007	BB	208331	2243241	88.34%	4.957%
10	12.929	12.892	12.989	BB	167932	2014364	79.33%	4.451%
11	13.377	13.334	13.452	BB	141989	1697156	66.84%	3.750%
12	13.543	13.505	13.599	BB	165634	1971948	77.66%	4.357%
13	14.130	14.101	14.190	VB	162459	1990249	78.38%	4.398%
14	15.237	15.154	15.300	BB	163403	2079824	81.91%	4.596%
15	16.260	16.202	16.320	BB	161194	2072343	81.61%	4.579%
16	17.213	17.139	17.272	BB	165670	2165384	85.28%	4.785%
17	18.103	18.037	18.147	BB	179420	2404758	94.70%	5.314%
18	18.939	18.870	18.997	BB	179844	2539245	100.00%	5.611%
19	19.724	19.657	19.779	BB	166128	2308751	90.92%	5.102%
20	20.466	20.404	20.504	BV	144421	1985844	78.21%	4.388%
21	21.213	21.157	21.289	BB	102687	1848111	72.78%	4.084%
22	22.145	22.050	22.252	BB	74197	1819792	71.67%	4.021%
			Sum of corrected areas:			45254817		

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

Quantitation Report (QT Reviewed)

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

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Manual Integrations APPROVED

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

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

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.939	1038398	4.735 ug/ml
Spiked Amount	50.000		Recovery =	9.47%
12) S	1-chlorooctadecane (S...	13.377	771091	4.614 ug/ml
Spiked Amount	50.000		Recovery =	9.23%
	Target Compounds			
1) T	n-Nonane (C9)	3.299	900657	4.603 ug/ml
2) T	n-Decane (C10)	4.551	928798	4.568 ug/ml
3) T	A~Naphthalene (C11.7)	6.273	814593	3.969 ug/ml
4) T	n-Dodecane (C12)	6.723	938886	4.582 ug/ml
5) T	A~2-methylnaphthalene...	7.371	829106	4.287 ug/mlm
6) T	n-Tetradecane (C14)	8.556	924679	4.574 ug/ml
7) T	n-Hexadecane (C16)	10.168	945230	4.588 ug/ml
8) T	n-Octadecane (C18)	11.616	967972	4.688 ug/ml
10) T	n-Eicosane (C20)	12.929	945937	4.828 ug/ml
11) T	n-Heneicosane (C21)	13.542	922840	4.818 ug/ml
13) T	n-Docosane (C22)	14.130	961709	5.086 ug/ml
14) T	n-Tetracosane (C24)	15.235	1065602	5.679 ug/mlm
15) T	n-Hexacosane (C26)	16.260	1098380	5.904 ug/ml
16) T	n-Octacosane (C28)	17.213	1217921	6.392 ug/ml
17) T	n-Tricontane (C30)	18.102	1420246	6.815 ug/ml
18) T	n-Dotriacontane (C32)	18.937	1563348	7.234 ug/ml
19) T	n-Tetratriacontane (C34)	19.723	1360125	6.706 ug/ml
20) T	n-Hexatriacontane (C36)	20.464	1116001	6.222 ug/ml
21) T	n-Octatriacontane (C38)	21.211	963463	5.714 ug/ml
22) T	n-Tetracontane (C40)	22.142	871697	5.301 ug/ml

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

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

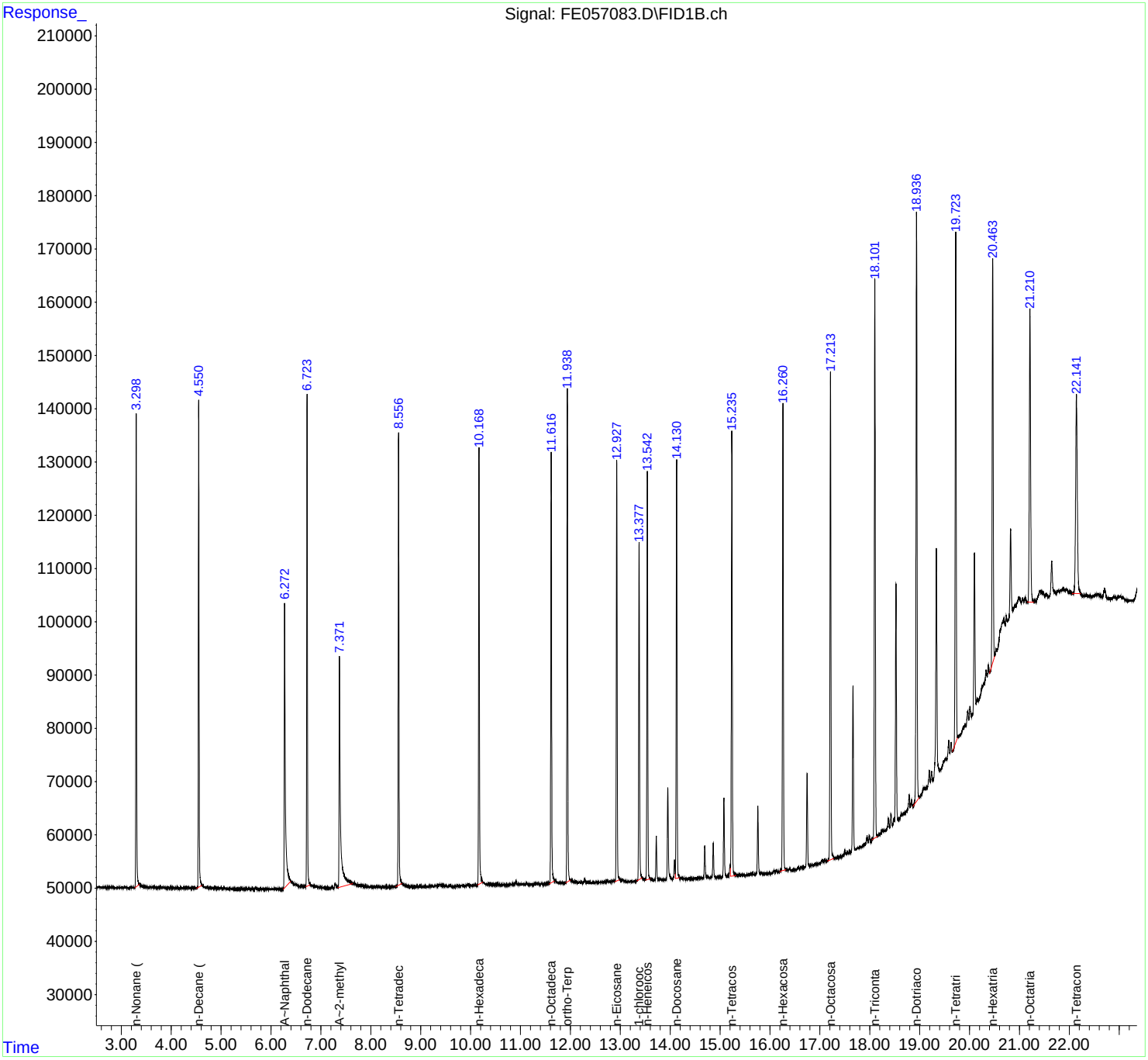
Integration File: sample.E
Quant Time: Dec 01 07:58:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 07:57:16 2025
Response via : Initial Calibration
Integrator: ChemStation

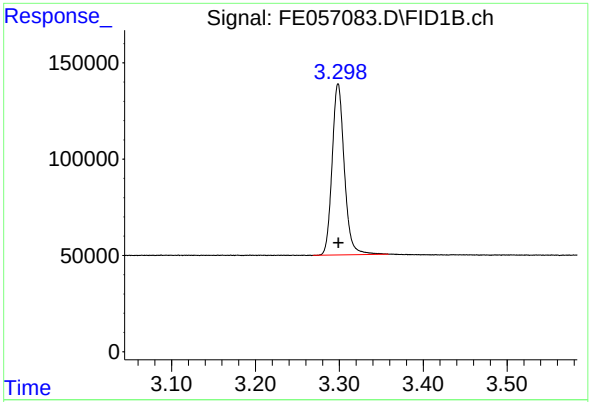
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Manual Integrations APPROVED

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





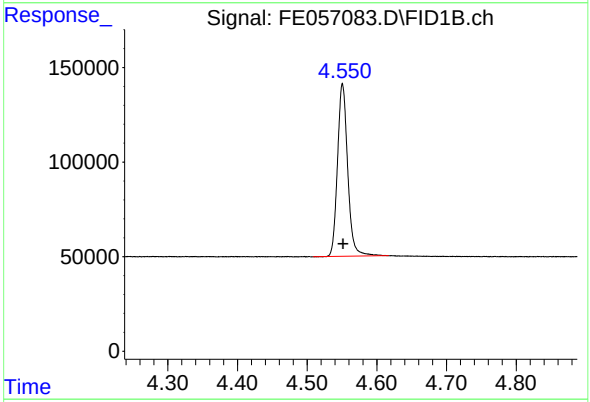
#1 n-Nonane (C9)

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

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

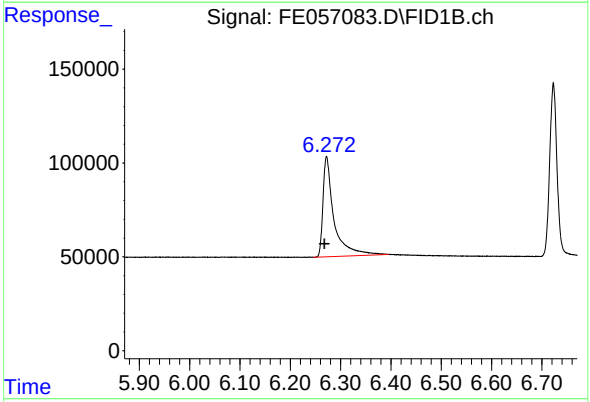
Manual Integrations APPROVED

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



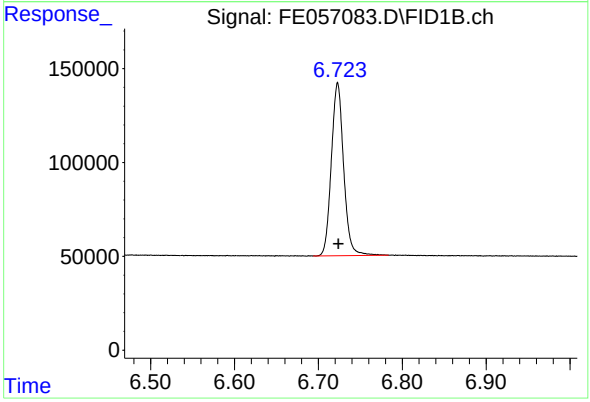
#2 n-Decane (C10)

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



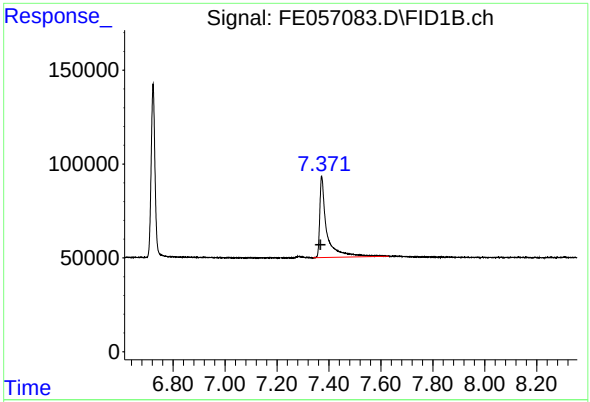
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

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



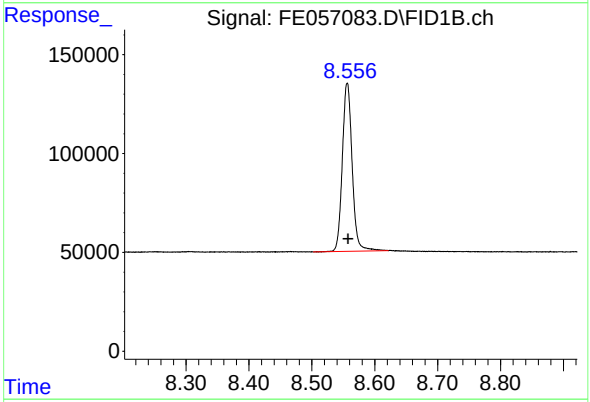
#5 A~2-methylnaphthalene (C12.89)

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

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

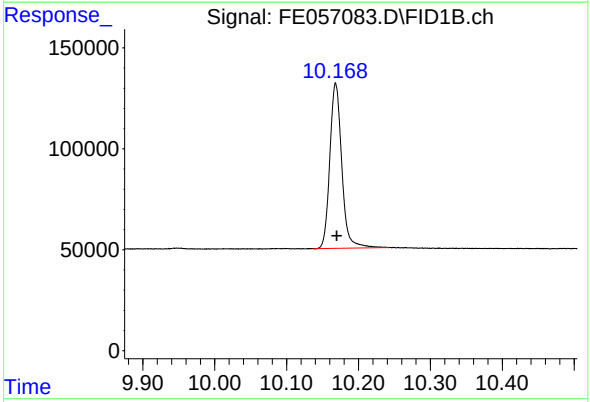
Manual Integrations
APPROVED

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



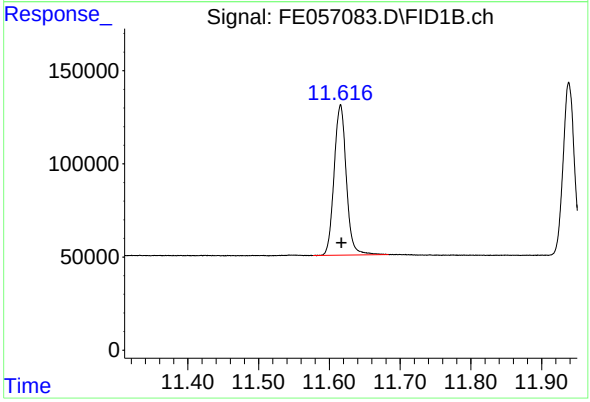
#6 n-Tetradecane (C14)

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



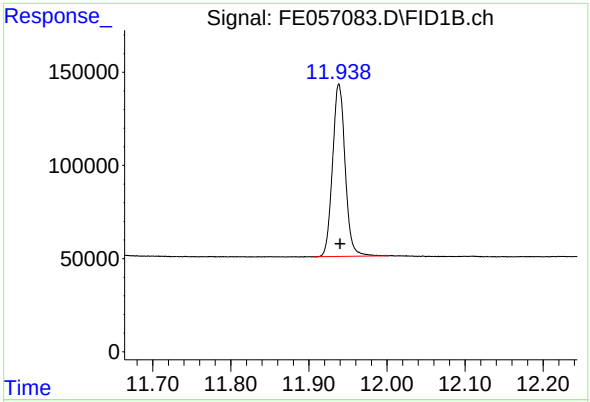
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

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



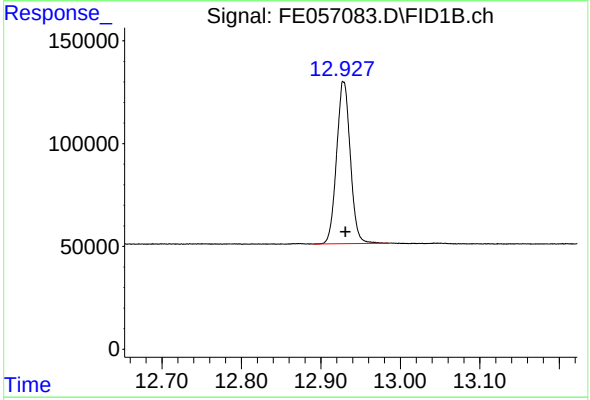
#9 ortho-Terphenyl (SURR)

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

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

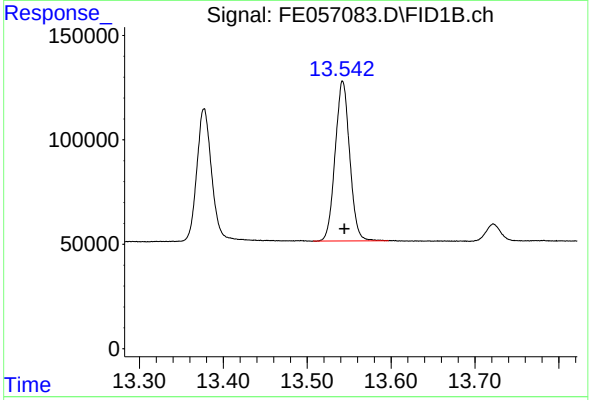
Manual Integrations APPROVED

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



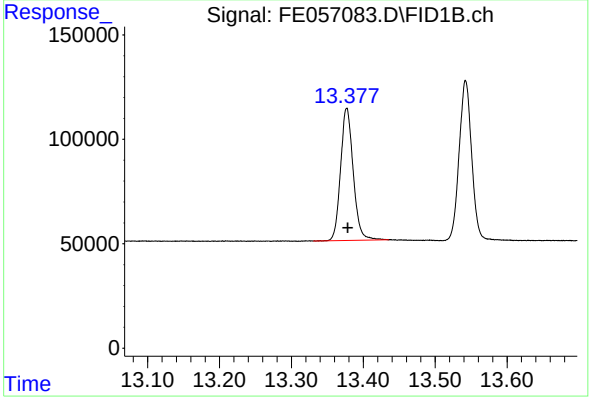
#10 n-Eicosane (C20)

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



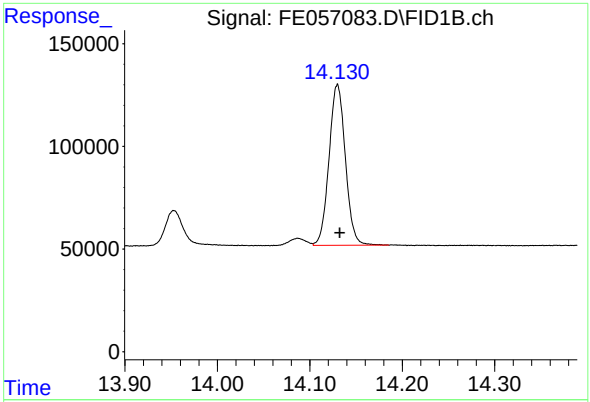
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

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



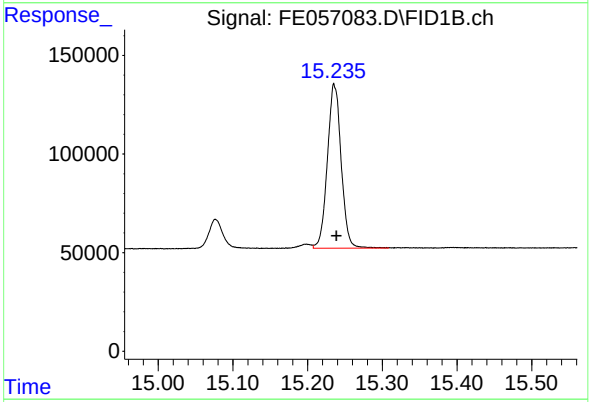
#13 n-Docosane (C22)

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

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

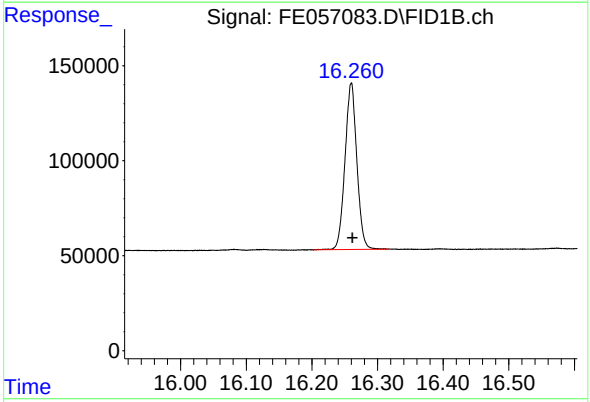
Manual Integrations APPROVED

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



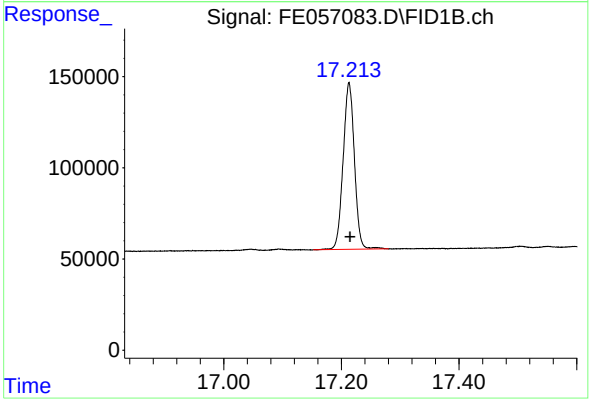
#14 n-Tetracosane (C24)

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



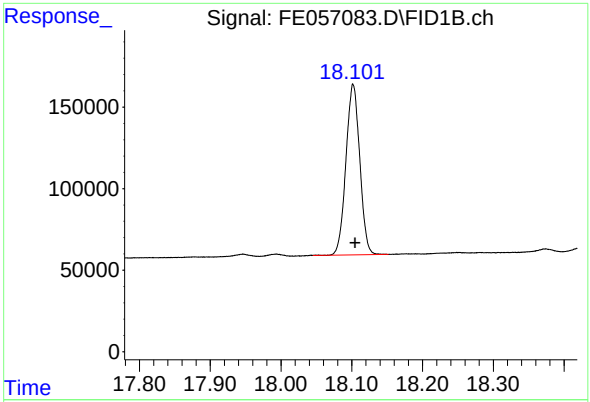
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

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



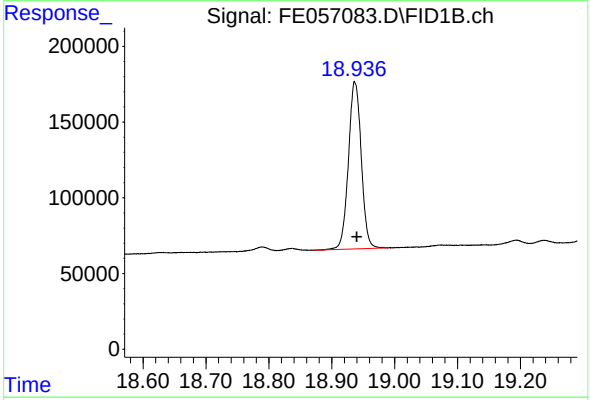
#17 n-Tricontane (C30)

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

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

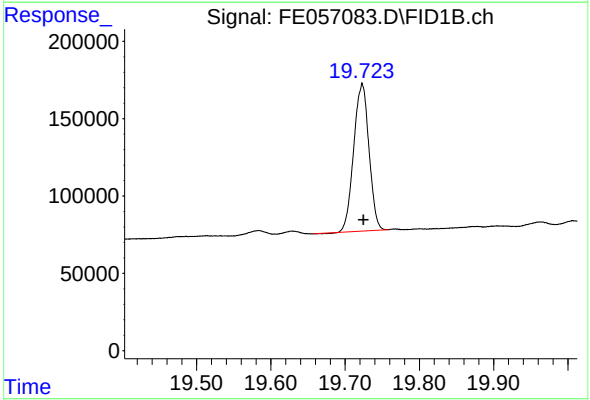
Manual Integrations
APPROVED

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



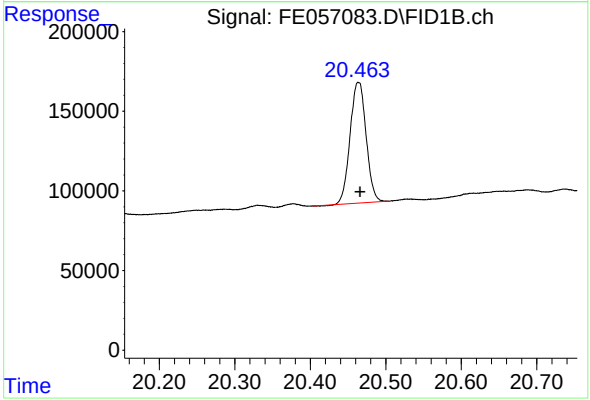
#18 n-Dotriacontane (C32)

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



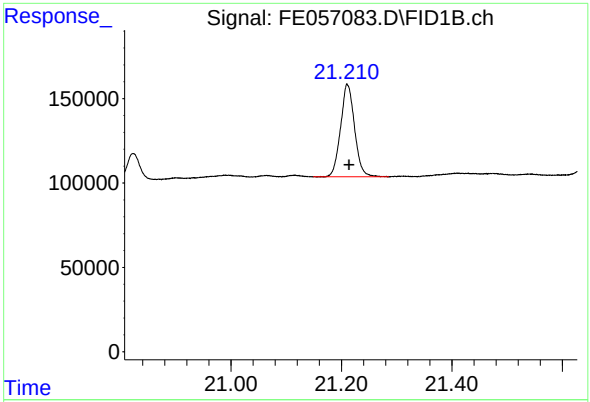
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

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



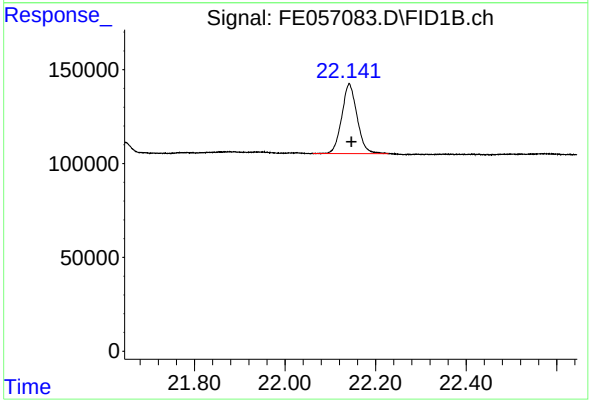
#21 n-Octatriacontane (C38)

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

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Manual Integrations
APPROVED

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



#22 n-Tetracontane (C40)

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

Instrument :
FID_E
LabSampleId :
5 PPM ALIPHATIC HC STD5

rteres

Area Percent Report

Manual IntegrationsAPPROVED

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

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

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.299	3.269	3.359	BB	88887	900657	57.61%	4.016%
2	4.551	4.509	4.617	BB	91290	928798	59.41%	4.142%
3	6.273	6.245	6.395	BB	53369	814593	52.11%	3.633%
4	6.723	6.694	6.784	BB	92191	938886	60.06%	4.187%
5	7.373	7.260	7.482	BB	42312	672280	43.00%	2.998%
6	8.556	8.502	8.622	BB	85226	924679	59.15%	4.124%
7	10.168	10.137	10.242	BB	81707	945230	60.46%	4.215%
8	11.616	11.577	11.684	BB	80663	967972	61.92%	4.317%
9	11.939	11.905	12.002	BB	92449	1038398	66.42%	4.631%
10	12.929	12.890	12.985	BB	78560	945937	60.51%	4.218%
11	13.377	13.330	13.435	BB	63228	771091	49.32%	3.439%
12	13.542	13.507	13.597	BB	76654	922840	59.03%	4.115%
13	14.130	14.104	14.185	VB	78446	961709	61.52%	4.289%
14	15.236	15.154	15.292	BB	82871	1079765	69.07%	4.815%
15	16.260	16.202	16.317	BB	87817	1098380	70.26%	4.898%
16	17.213	17.152	17.280	BB	91448	1217921	77.90%	5.431%
17	18.102	18.045	18.152	BB	104627	1420246	90.85%	6.334%
18	18.937	18.870	18.990	BB	109861	1563348	100.00%	6.972%
19	19.723	19.657	19.759	BB	94733	1360125	87.00%	6.065%
20	20.464	20.404	20.504	BV	75784	1116001	71.39%	4.977%
21	21.211	21.149	21.285	BB	54820	963463	61.63%	4.297%
22	22.142	22.062	22.229	BB	37362	871697	55.76%	3.887%
			Sum of corrected areas:			22424015		

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

Quantitation Report (QT Reviewed)

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

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

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

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	11.940	5099681	23.239 ug/ml
Spiked Amount	50.000	Recovery	=	46.48%
12)	S 1-chlorooctadecane (S...	13.378	3884091	23.338 ug/ml
Spiked Amount	50.000	Recovery	=	46.68%
	Target Compounds			
1)	T n-Nonane (C9)	3.299	4547628	23.248 ug/ml
2)	T n-Decane (C10)	4.552	4728427	23.378 ug/ml
3)	T A~Naphthalene (C11.7)	6.268	4804447	23.864 ug/ml
4)	T n-Dodecane (C12)	6.724	4757673	23.311 ug/ml
5)	T A~2-methylnaphthalene...	7.367	4533213	23.592 ug/ml
6)	T n-Tetradecane (C14)	8.558	4692823	23.315 ug/ml
7)	T n-Hexadecane (C16)	10.170	4784266	23.329 ug/ml
8)	T n-Octadecane (C18)	11.618	4796645	23.272 ug/ml
10)	T n-Eicosane (C20)	12.930	4547471	23.118 ug/ml
11)	T n-Heneicosane (C21)	13.544	4450332	23.164 ug/ml
13)	T n-Docosane (C22)	14.132	4409790	22.844 ug/ml
14)	T n-Tetracosane (C24)	15.238	4363323	22.031 ug/ml
15)	T n-Hexacosane (C26)	16.262	4318228	21.766 ug/ml
16)	T n-Octacosane (C28)	17.215	4432726	21.570 ug/ml
17)	T n-Tricontane (C30)	18.105	4863172	21.669 ug/ml
18)	T n-Dotriacontane (C32)	18.940	5061365	21.682 ug/ml
19)	T n-Tetratriacontane (C34)	19.725	4752442	22.251 ug/ml
20)	T n-Hexatriacontane (C36)	20.467	4183880	22.478 ug/ml
21)	T n-Octatriacontane (C38)	21.213	3882468	22.402 ug/ml
22)	T n-Tetracontane (C40)	22.145	3786420	22.469 ug/ml

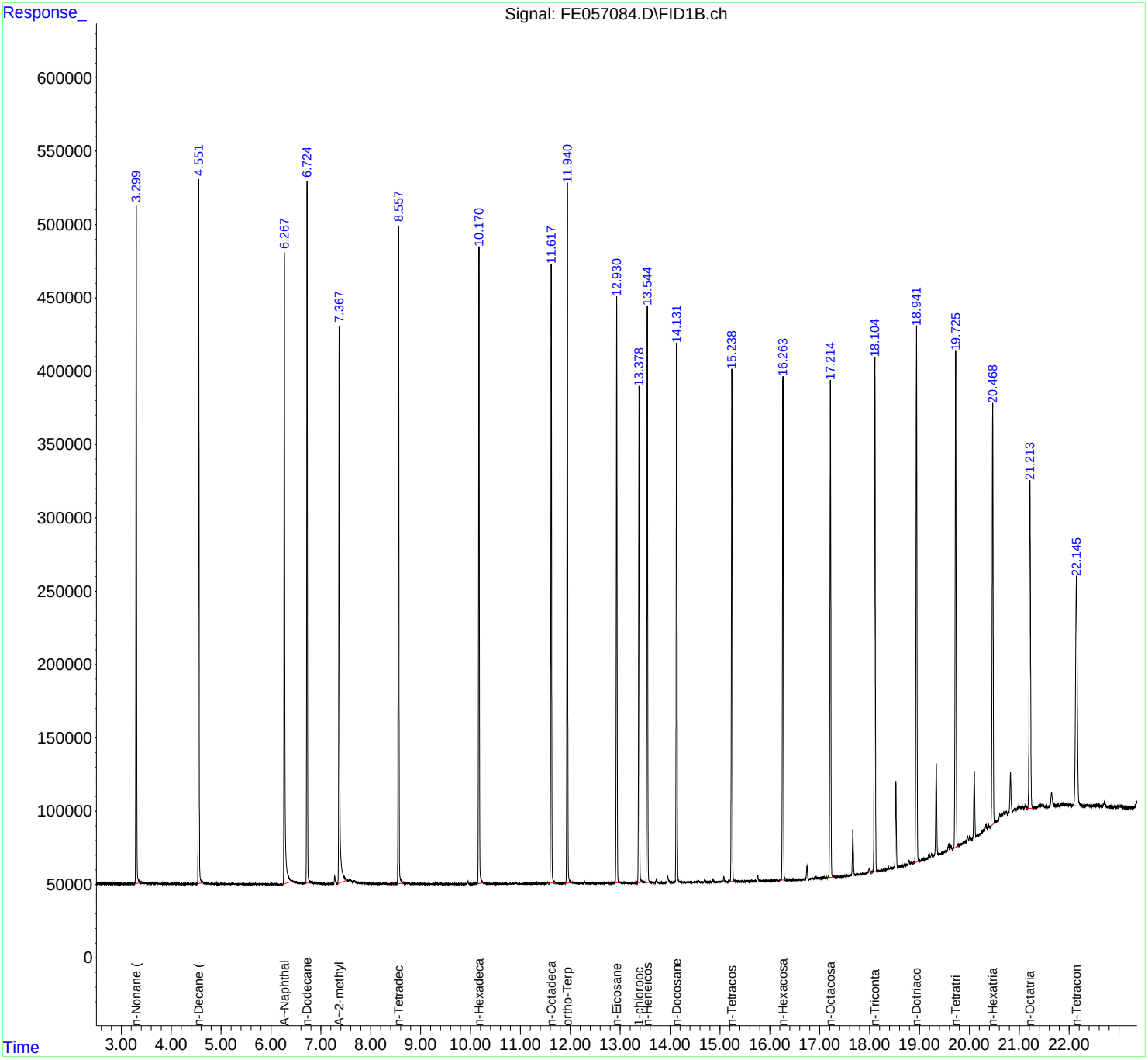
(f)=RT Delta > 1/2 Window (m)=manual int.

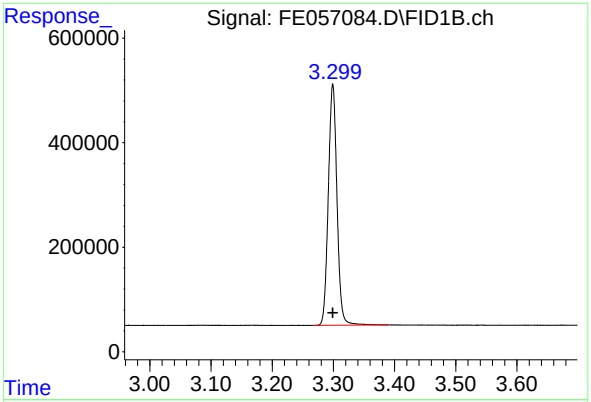
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
Data File : FE057084.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 14:47
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

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

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

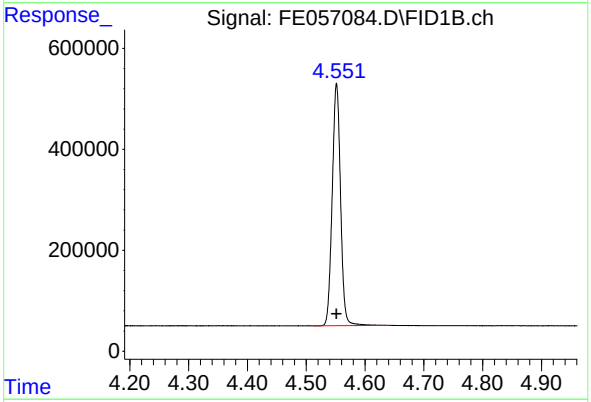




#1 n-Nonane (C9)

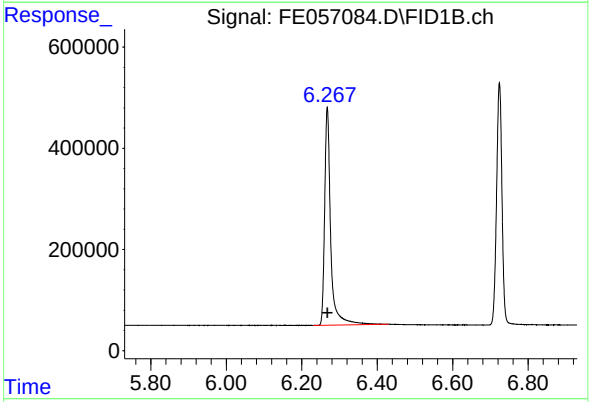
R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 4547628
Conc: 23.25 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



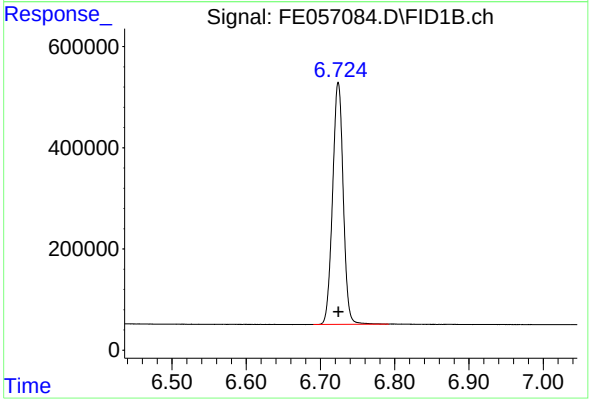
#2 n-Decane (C10)

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



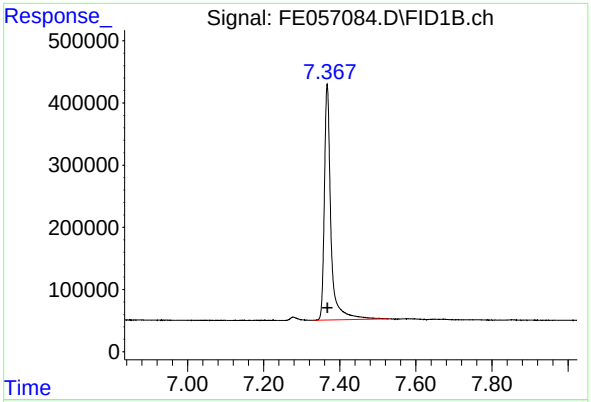
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

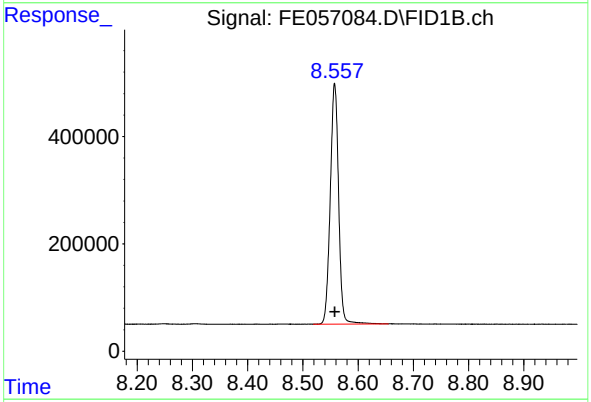
R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 4757673
Conc: 23.31 ug/ml



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

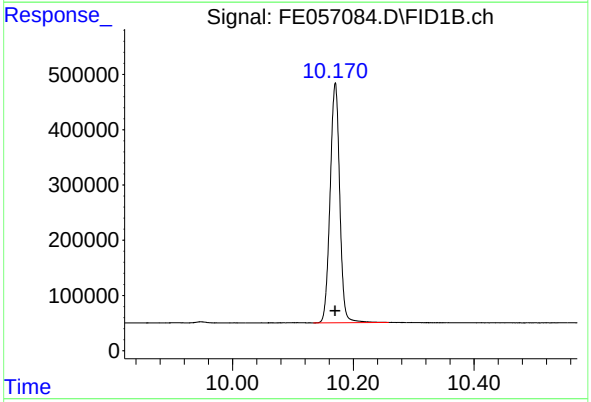
R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 4533213
Conc: 23.59 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



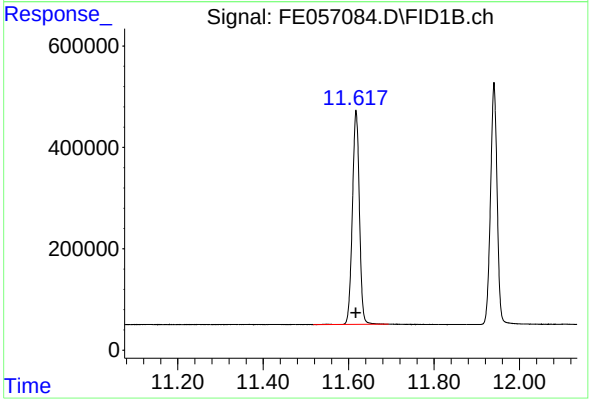
#6 n-Tetradecane (C14)

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



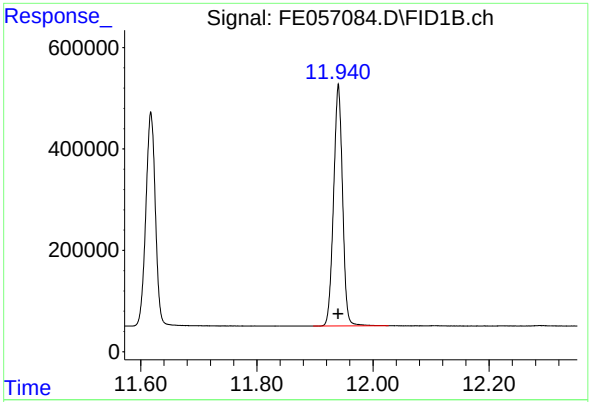
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

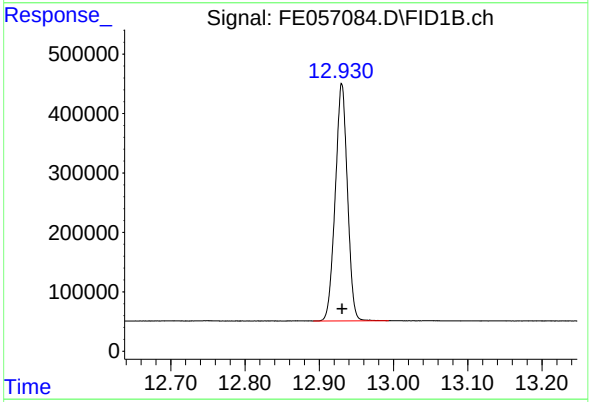
R.T.: 11.618 min
Delta R.T.: 0.000 min
Response: 4796645
Conc: 23.27 ug/ml



#9 ortho-Terphenyl (SURR)

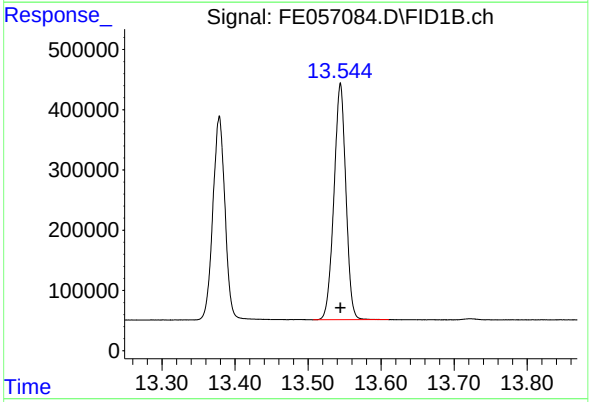
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 5099681
Conc: 23.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



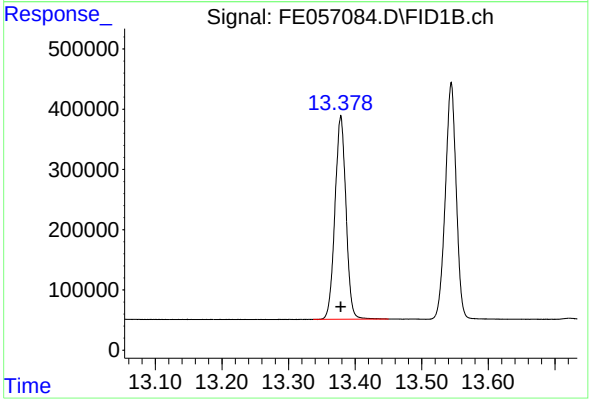
#10 n-Eicosane (C20)

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



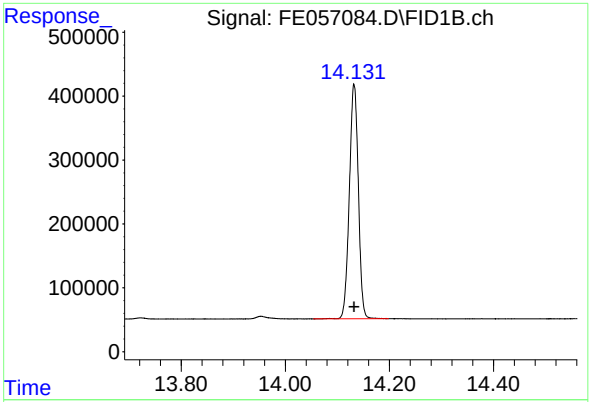
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

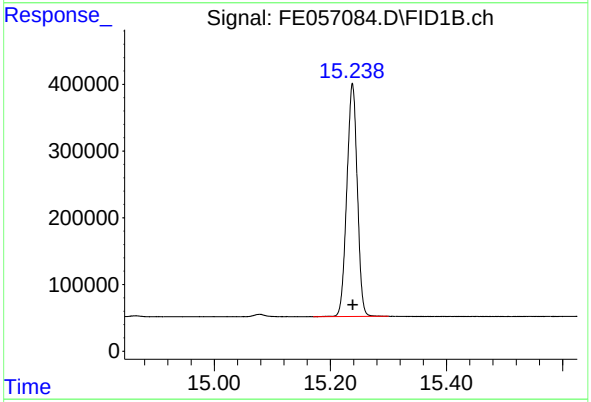
R.T.: 13.378 min
Delta R.T.: 0.000 min
Response: 3884091
Conc: 23.34 ug/ml



#13 n-Docosane (C22)

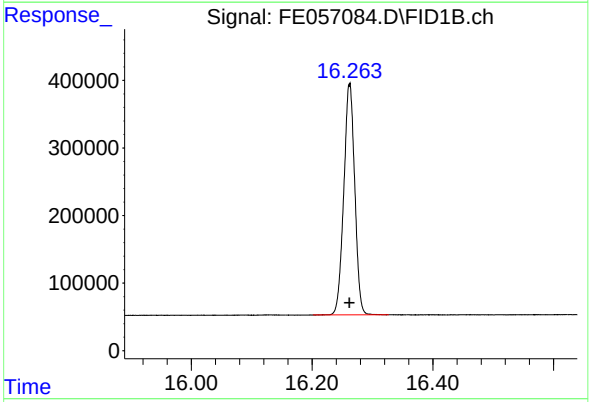
R.T.: 14.132 min
Delta R.T.: 0.000 min
Response: 4409790
Conc: 22.84 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



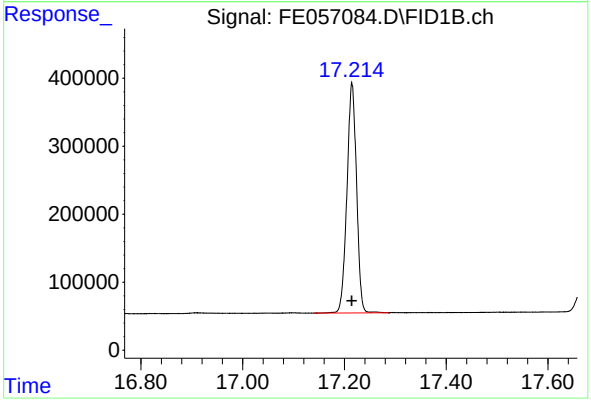
#14 n-Tetracosane (C24)

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



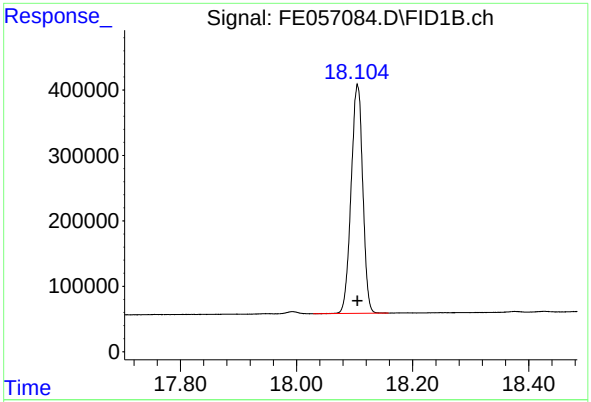
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

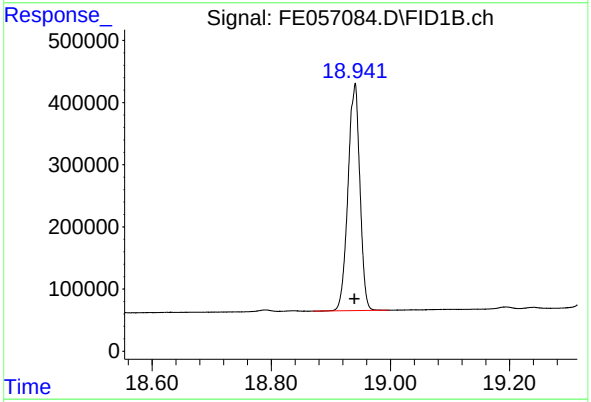
R.T.: 17.215 min
Delta R.T.: 0.000 min
Response: 4432726
Conc: 21.57 ug/ml



#17 n-Tricontane (C30)

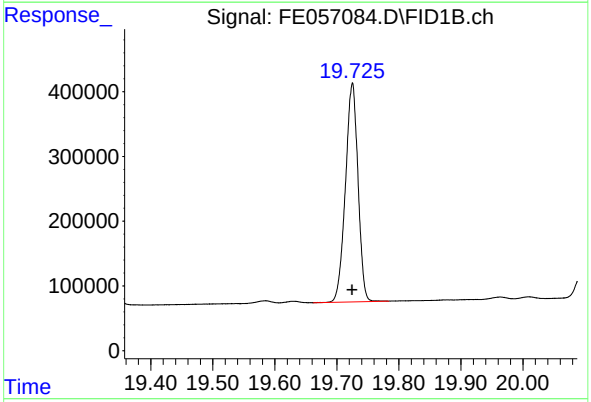
R.T.: 18.105 min
Delta R.T.: 0.000 min
Response: 4863172
Conc: 21.67 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



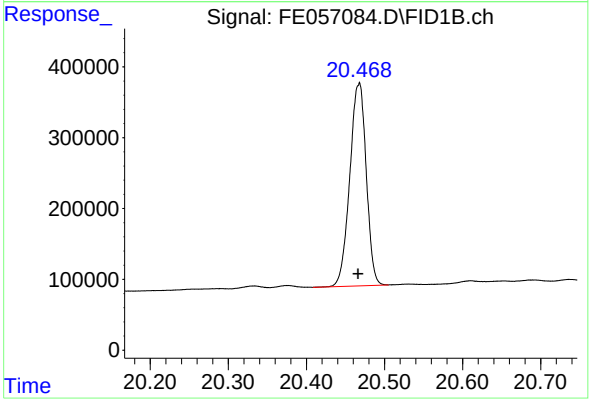
#18 n-Dotriacontane (C32)

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



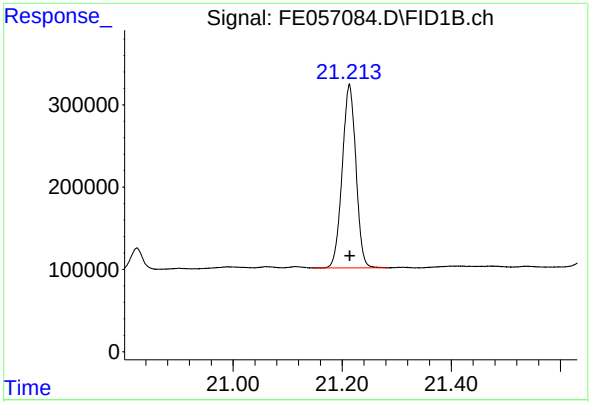
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

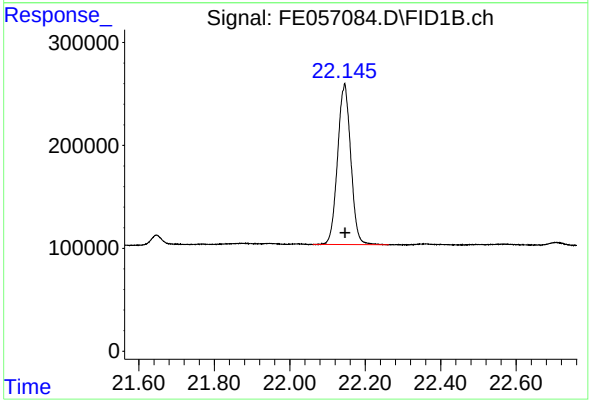
R.T.: 20.467 min
Delta R.T.: 0.001 min
Response: 4183880
Conc: 22.48 ug/ml



#21 n-Octatriacontane (C38)

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

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

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

rteres

Area Percent Report

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

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.299	3.267	3.390	BB	461650	4547628	89.17%	4.562%
2	4.552	4.512	4.640	BB	479581	4728427	92.72%	4.744%
3	6.268	6.230	6.430	BB	428696	4804447	94.21%	4.820%
4	6.724	6.690	6.792	BB	478611	4757673	93.29%	4.773%
5	7.367	7.330	7.529	BB	379327	4533213	88.89%	4.548%
6	8.558	8.519	8.655	BB	448724	4692823	92.02%	4.708%
7	10.170	10.134	10.259	BB	435195	4784266	93.82%	4.800%
8	11.618	11.517	11.694	BB	421395	4796645	94.06%	4.812%
9	11.940	11.897	12.027	BB	475665	5099681	100.00%	5.116%
10	12.930	12.892	12.994	BB	399923	4547471	89.17%	4.562%
11	13.378	13.337	13.450	BB	337458	3884091	76.16%	3.897%
12	13.544	13.507	13.610	BB	391382	4450332	87.27%	4.465%
13	14.132	14.054	14.199	BB	367061	4409790	86.47%	4.424%
14	15.238	15.170	15.300	BB	348906	4363323	85.56%	4.377%
15	16.262	16.202	16.327	BB	340063	4318228	84.68%	4.332%
16	17.215	17.139	17.287	BB	337350	4432726	86.92%	4.447%
17	18.105	18.029	18.159	BB	349583	4863172	95.36%	4.879%
18	18.940	18.870	18.997	BB	363373	5061365	99.25%	5.078%
19	19.725	19.662	19.784	BB	338929	4752442	93.19%	4.768%
20	20.467	20.409	20.505	BV	284363	4183880	82.04%	4.197%
21	21.213	21.147	21.285	BB	223728	3882468	76.13%	3.895%
22	22.145	22.062	22.262	BB	156679	3786420	74.25%	3.799%
			Sum of corrected areas:			99680508		

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

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

Continuing Calibration Report for SequenceID : FE112625AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE057045.D**						
Aliphatic C9-C12	10113595.000	60.000	3.202	6.826	168559.917	171162.641	1.521
Aliphatic C12-C16	6800230.000	40.000	6.827	10.271	170005.750	178754.319	4.894
Aliphatic C16-C21	9918467.000	60.000	10.272	13.644	165307.783	186505.496	11.366
Aliphatic C21-C28	12333401.000	80.000	13.645	17.314	154167.513	192766.144	20.024
Aliphatic C28-C40	16521098.000	120.000	17.315	22.241	137675.817	159314.647	13.582
Aliphatic EPH	55686791.000	360.000	3.202	22.241	154685.531	175414.751	11.817

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	26 Nov 2025 14:33
Client Sample ID:		Operator:	YP\AJ
Data file:	FE057045.D	Misc:	
Instrument:	FID_E	ALS Vial:	4
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.202	6.826	10113595.000	60.000	ug/ml
Aliphatic C12-C16	6.827	10.271	6800230.000	40.000	ug/ml
Aliphatic C16-C21	10.272	13.644	9918467.000	60.000	ug/ml
Aliphatic C21-C28	13.645	17.314	12333401.000	80.000	ug/ml
Aliphatic C28-C40	17.315	22.241	16521098.000	120.000	ug/ml
Aliphatic EPH	3.202	22.241	55686791.000	360.000	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057045.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 14:33
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: sample.E
Quant Time: Nov 27 00:34:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 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	3658427	17.512 ug/ml
	Spiked Amount 50.000		Recovery = 35.02%	
12)	S 1-chlorooctadecane (S...	13.378	2779684	17.253 ug/ml
	Spiked Amount 50.000		Recovery = 34.51%	
	Target Compounds			
1)	T n-Nonane (C9)	3.301	3310631	19.710 ug/ml
2)	T n-Decane (C10)	4.553	3383408	19.718 ug/ml
3)	T A~Naphthalene (C11.7)	6.270	3407202	18.459 ug/ml
4)	T n-Dodecane (C12)	6.725	3419556	19.661 ug/ml
5)	T A~2-methylnaphthalene...	7.369	3160669	17.834 ug/ml
6)	T n-Tetradecane (C14)	8.559	3376305	19.343 ug/ml
7)	T n-Hexadecane (C16)	10.171	3423925	18.714 ug/ml
8)	T n-Octadecane (C18)	11.618	3450014	18.228 ug/ml
10)	T n-Eicosane (C20)	12.930	3269375	17.543 ug/ml
11)	T n-Heneicosane (C21)	13.544	3199078	17.397 ug/ml
13)	T n-Docosane (C22)	14.132	3156865	16.864 ug/ml
14)	T n-Tetracosane (C24)	15.237	3114019	15.899 ug/ml
15)	T n-Hexacosane (C26)	16.262	3045649	15.672 ug/ml
16)	T n-Octacosane (C28)	17.213	3016868	15.578 ug/ml
17)	T n-Tricontane (C30)	18.102	3079880	15.361 ug/ml
18)	T n-Dotriacontane (C32)	18.937	3036239	15.440 ug/ml
19)	T n-Tetratriacontane (C34)	19.722	2861680	16.579 ug/ml
20)	T n-Hexatriacontane (C36)	20.464	2582149	17.850 ug/ml
21)	T n-Octatriacontane (C38)	21.211	2482507	19.724 ug/ml
22)	T n-Tetracontane (C40)	22.142	2478643	21.439 ug/ml

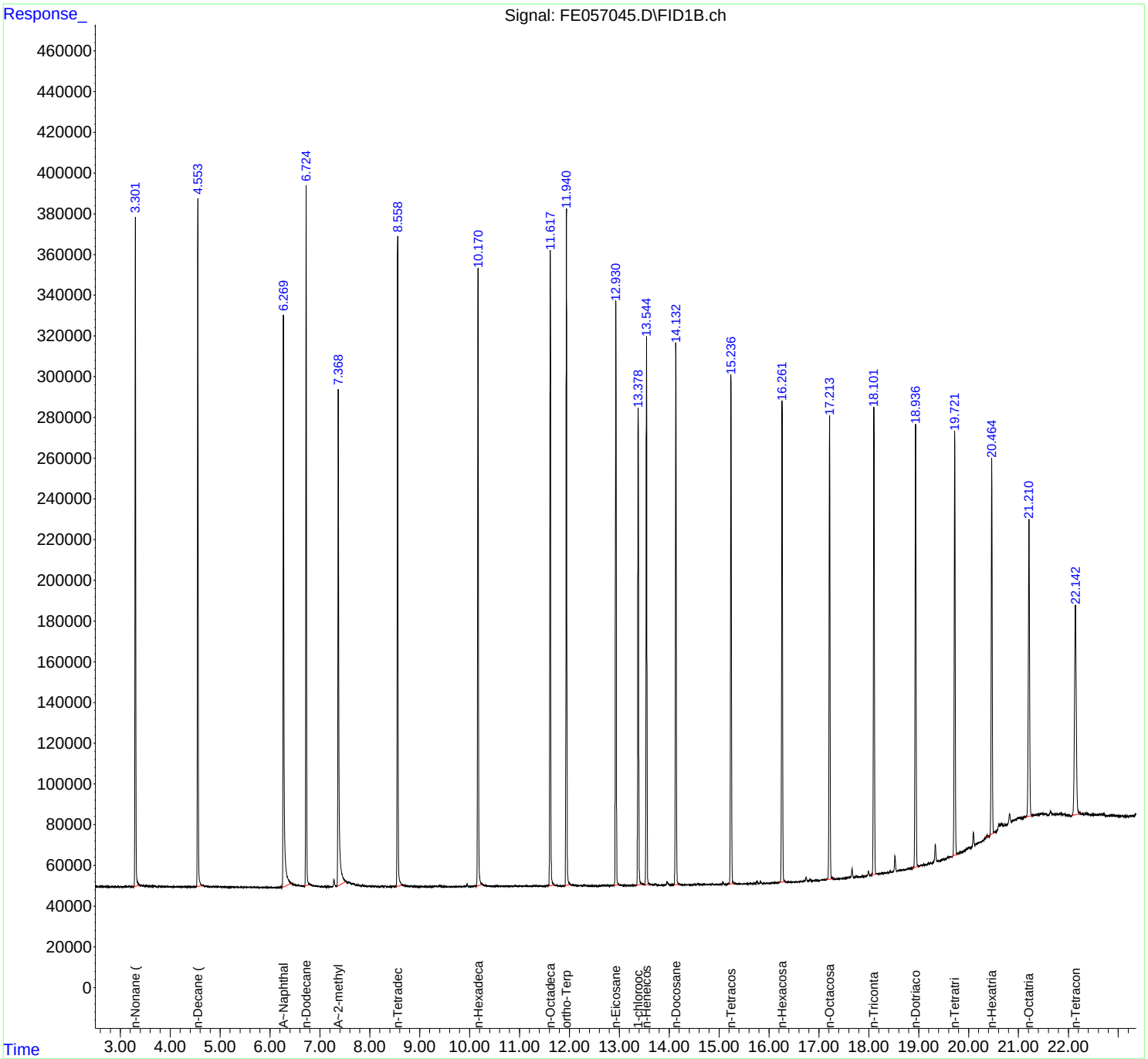
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057045.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 14:33
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: sample.E
Quant Time: Nov 27 00:34:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 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\FE112625AL\
Data File : FE057045.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 14:33
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 103025.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	3.260	3.387	BB	327460	3310631	90.49%	4.819%
2	4.553	4.520	4.645	BB	337834	3383408	92.48%	4.925%
3	6.270	6.237	6.427	BB	278870	3407202	93.13%	4.960%
4	6.725	6.687	6.797	BB	342972	3419556	93.47%	4.978%
5	7.369	7.335	7.520	BB	244165	3160669	86.39%	4.601%
6	8.559	8.525	8.654	BB	318993	3376305	92.29%	4.915%
7	10.171	10.130	10.254	BB	303485	3423925	93.59%	4.984%
8	11.618	11.570	11.702	BB	311756	3450014	94.30%	5.022%
9	11.940	11.902	12.019	BB	332109	3658427	100.00%	5.326%
10	12.930	12.894	12.989	BB	286928	3269375	89.37%	4.759%
11	13.378	13.324	13.452	BB	234523	2779684	75.98%	4.047%
12	13.544	13.507	13.607	BB	268961	3199078	87.44%	4.657%
13	14.132	14.095	14.200	BB	266154	3156865	86.29%	4.596%
14	15.237	15.172	15.300	BB	249398	3114019	85.12%	4.533%
15	16.262	16.200	16.315	BB	236323	3045649	83.25%	4.434%
16	17.213	17.139	17.277	BB	228012	3016868	82.46%	4.392%
17	18.102	18.037	18.155	BB	228072	3079880	84.19%	4.484%
18	18.937	18.864	18.997	BB	217333	3036239	82.99%	4.420%
19	19.722	19.657	19.779	BB	207650	2861680	78.22%	4.166%
20	20.464	20.332	20.505	BB	184574	2582149	70.58%	3.759%
21	21.211	21.132	21.274	BB	145636	2482507	67.86%	3.614%
22	22.142	22.050	22.239	BB	103115	2478643	67.75%	3.608%
			Sum of corrected areas:			68692772		

Aliphatic EPH 103025.M Fri Nov 28 20:36:43 2025

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

Continuing Calibration Report for SequenceID : FE112625AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE057064.D**						
Aliphatic C9-C12	10431462.000	60.000	3.202	6.826	173857.700	171162.641	-1.575
Aliphatic C12-C16	7203002.000	40.000	6.827	10.271	180075.050	178754.319	-0.739
Aliphatic C16-C21	10468149.000	60.000	10.272	13.644	174469.150	186505.496	6.454
Aliphatic C21-C28	13609143.000	80.000	13.645	17.314	170114.288	192766.144	11.751
Aliphatic C28-C40	20180217.000	120.000	17.315	22.241	168168.475	159314.647	-5.557
Aliphatic EPH	61891973.000	360.000	3.202	22.241	171922.147	175414.751	1.991

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	27 Nov 2025 01:42
Client Sample ID:		Operator:	YP\AJ
Data file:	FE057064.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.202	6.826	10431462.000	60.000	ug/ml
Aliphatic C12-C16	6.827	10.271	7203002.000	40.000	ug/ml
Aliphatic C16-C21	10.272	13.644	10468149.000	60.000	ug/ml
Aliphatic C21-C28	13.645	17.314	13609143.000	80.000	ug/ml
Aliphatic C28-C40	17.315	22.241	20180217.000	120.000	ug/ml
Aliphatic EPH	3.202	22.241	61891973.000	360.000	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057064.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 01:42
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

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

Integration File: sample.E
Quant Time: Nov 28 20:00:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 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)	11.943	3873084	18.539 ug/ml
	Spiked Amount 50.000		Recovery = 37.08%	
12)	S 1-chlorooctadecane (S...	13.381	2945668	18.283 ug/ml
	Spiked Amount 50.000		Recovery = 36.57%	
	Target Compounds			
1)	T n-Nonane (C9)	3.301	3297877	19.634 ug/ml
2)	T n-Decane (C10)	4.554	3534884	20.600 ug/ml
3)	T A~Naphthalene (C11.7)	6.271	3574869	19.367 ug/ml
4)	T n-Dodecane (C12)	6.726	3598701	20.690 ug/ml
5)	T A~2-methylnaphthalene...	7.370	3392211	19.141 ug/ml
6)	T n-Tetradecane (C14)	8.560	3565650	20.427 ug/ml
7)	T n-Hexadecane (C16)	10.172	3637352	19.881 ug/ml
8)	T n-Octadecane (C18)	11.620	3638944	19.226 ug/ml
10)	T n-Eicosane (C20)	12.933	3458598	18.558 ug/ml
11)	T n-Heneicosane (C21)	13.546	3370607	18.330 ug/ml
13)	T n-Docosane (C22)	14.135	3383839	18.076 ug/ml
14)	T n-Tetracosane (C24)	15.241	3393429	17.325 ug/ml
15)	T n-Hexacosane (C26)	16.264	3363497	17.307 ug/ml
16)	T n-Octacosane (C28)	17.217	3468378	17.909 ug/ml
17)	T n-Tricontane (C30)	18.107	3750050	18.704 ug/ml
18)	T n-Dotriacontane (C32)	18.942	3856937	19.613 ug/ml
19)	T n-Tetratriacontane (C34)	19.728	3585045	20.770 ug/ml
20)	T n-Hexatriacontane (C36)	20.470	3172208	21.929 ug/ml
21)	T n-Octatriacontane (C38)	21.218	2993561	23.785 ug/ml
22)	T n-Tetracontane (C40)	22.151	2822416	24.412 ug/mlm

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057064.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 01:42
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

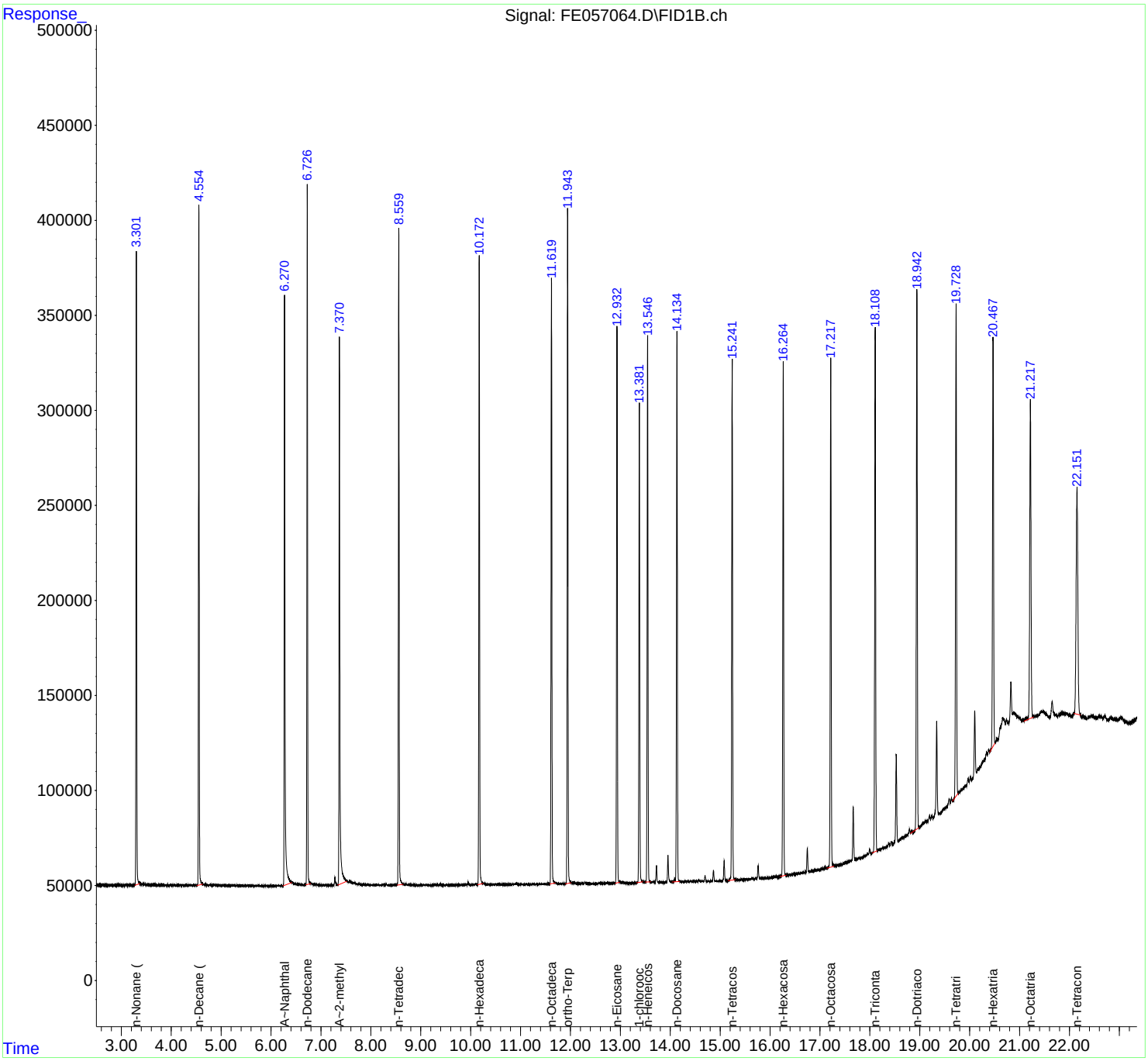
Integration File: sample.E
Quant Time: Nov 28 20:00:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

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



rteres

Instrument :
FID_E
LabSampleId :
20 PPM ALIPHATIC HC STD

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\FE11262
Data File : FE057064.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 01:42
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	3.270	3.370	BB	333023	3297877	85.15%	4.350%
2	4.554	4.513	4.635	BB	357150	3534884	91.27%	4.662%
3	6.271	6.238	6.420	BB	309904	3574869	92.30%	4.715%
4	6.726	6.693	6.798	BB	368342	3598701	92.92%	4.747%
5	7.370	7.335	7.520	BB	288245	3392211	87.58%	4.474%
6	8.560	8.525	8.652	BB	345544	3565650	92.06%	4.703%
7	10.172	10.133	10.250	BB	331833	3637352	93.91%	4.798%
8	11.620	11.580	11.693	BB	318420	3638944	93.95%	4.800%
9	11.943	11.892	12.017	BB	354647	3873084	100.00%	5.108%
10	12.933	12.893	12.988	BB	292363	3458598	89.30%	4.562%
11	13.381	13.323	13.450	BB	250753	2945668	76.05%	3.885%
12	13.546	13.490	13.607	BB	287942	3370607	87.03%	4.446%
13	14.135	14.038	14.192	BB	287044	3383839	87.37%	4.463%
14	15.241	15.153	15.305	BB	272032	3393429	87.62%	4.476%
15	16.264	16.202	16.323	BB	270350	3363497	86.84%	4.436%
16	17.217	17.138	17.287	BB	266386	3468378	89.55%	4.575%
17	18.107	18.040	18.147	BB	274787	3750050	96.82%	4.946%
18	18.942	18.817	18.985	PB	282847	3856937	99.58%	5.087%
19	19.728	19.653	19.768	PB	260195	3585045	92.56%	4.729%
20	20.470	20.400	20.505	PV	215079	3172208	81.90%	4.184%
21	21.218	21.092	21.282	BB	167358	2993561	77.29%	3.948%
22	22.151	22.050	22.258	BB	121128	2961979	76.48%	3.907%
			Sum of corrected areas:			75817366		

Aliphatic EPH 103025.M Fri Nov 28 20:39:40 2025

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

Continuing Calibration Report for SequenceID : FE112625AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE057076.D**						
Aliphatic C9-C12	10400876.000	60.000	3.202	6.826	173347.933	171162.641	-1.277
Aliphatic C12-C16	6930678.000	40.000	6.827	10.271	173266.950	178754.319	3.070
Aliphatic C16-C21	9982274.000	60.000	10.272	13.644	166371.233	186505.496	10.796
Aliphatic C21-C28	12538995.000	80.000	13.645	17.314	156737.438	192766.144	18.690
Aliphatic C28-C40	17229449.000	120.000	17.315	22.241	143578.742	159314.647	9.877
Aliphatic EPH	57082272.000	360.000	3.202	22.241	158561.867	175414.751	9.607

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	27 Nov 2025 09:15
Client Sample ID:		Operator:	YP\AJ
Data file:	FE057076.D	Misc:	
Instrument:	FID_E	ALS Vial:	4
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.202	6.826	10400876.000	60.000	ug/ml
Aliphatic C12-C16	6.827	10.271	6930678.000	40.000	ug/ml
Aliphatic C16-C21	10.272	13.644	9982274.000	60.000	ug/ml
Aliphatic C21-C28	13.645	17.314	12538995.000	80.000	ug/ml
Aliphatic C28-C40	17.315	22.241	17229449.000	120.000	ug/ml
Aliphatic EPH	3.202	22.241	57082272.000	360.000	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057076.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 09:15
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: sample.E
Quant Time: Nov 28 19:50:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.942	3699223	17.707 ug/ml
Spiked Amount	50.000		Recovery =	35.41%
12) S	1-chlorooctadecane (S...	13.380	2803225	17.399 ug/ml
Spiked Amount	50.000		Recovery =	34.80%
	Target Compounds			
1) T	n-Nonane (C9)	3.300	3403289	20.262 ug/ml
2) T	n-Decane (C10)	4.553	3485019	20.310 ug/ml
3) T	A~Naphthalene (C11.7)	6.270	3484096	18.875 ug/ml
4) T	n-Dodecane (C12)	6.725	3512568	20.195 ug/ml
5) T	A~2-methylnaphthalene...	7.369	3268541	18.443 ug/ml
6) T	n-Tetradecane (C14)	8.559	3445345	19.738 ug/ml
7) T	n-Hexadecane (C16)	10.171	3485333	19.050 ug/ml
8) T	n-Octadecane (C18)	11.619	3477729	18.374 ug/ml
10) T	n-Eicosane (C20)	12.932	3291603	17.662 ug/ml
11) T	n-Heneicosane (C21)	13.545	3212942	17.473 ug/ml
13) T	n-Docosane (C22)	14.133	3178973	16.982 ug/ml
14) T	n-Tetracosane (C24)	15.239	3158973	16.128 ug/ml
15) T	n-Hexacosane (C26)	16.264	3106557	15.985 ug/ml
16) T	n-Octacosane (C28)	17.216	3094492	15.979 ug/ml
17) T	n-Tricontane (C30)	18.105	3174560	15.833 ug/ml
18) T	n-Dotriacontane (C32)	18.940	3157056	16.054 ug/ml
19) T	n-Tetratriacontane (C34)	19.725	3060691	17.732 ug/ml
20) T	n-Hexatriacontane (C36)	20.468	2725153	18.839 ug/ml
21) T	n-Octatriacontane (C38)	21.215	2624003	20.848 ug/ml
22) T	n-Tetracontane (C40)	22.149	2487986	21.520 ug/ml

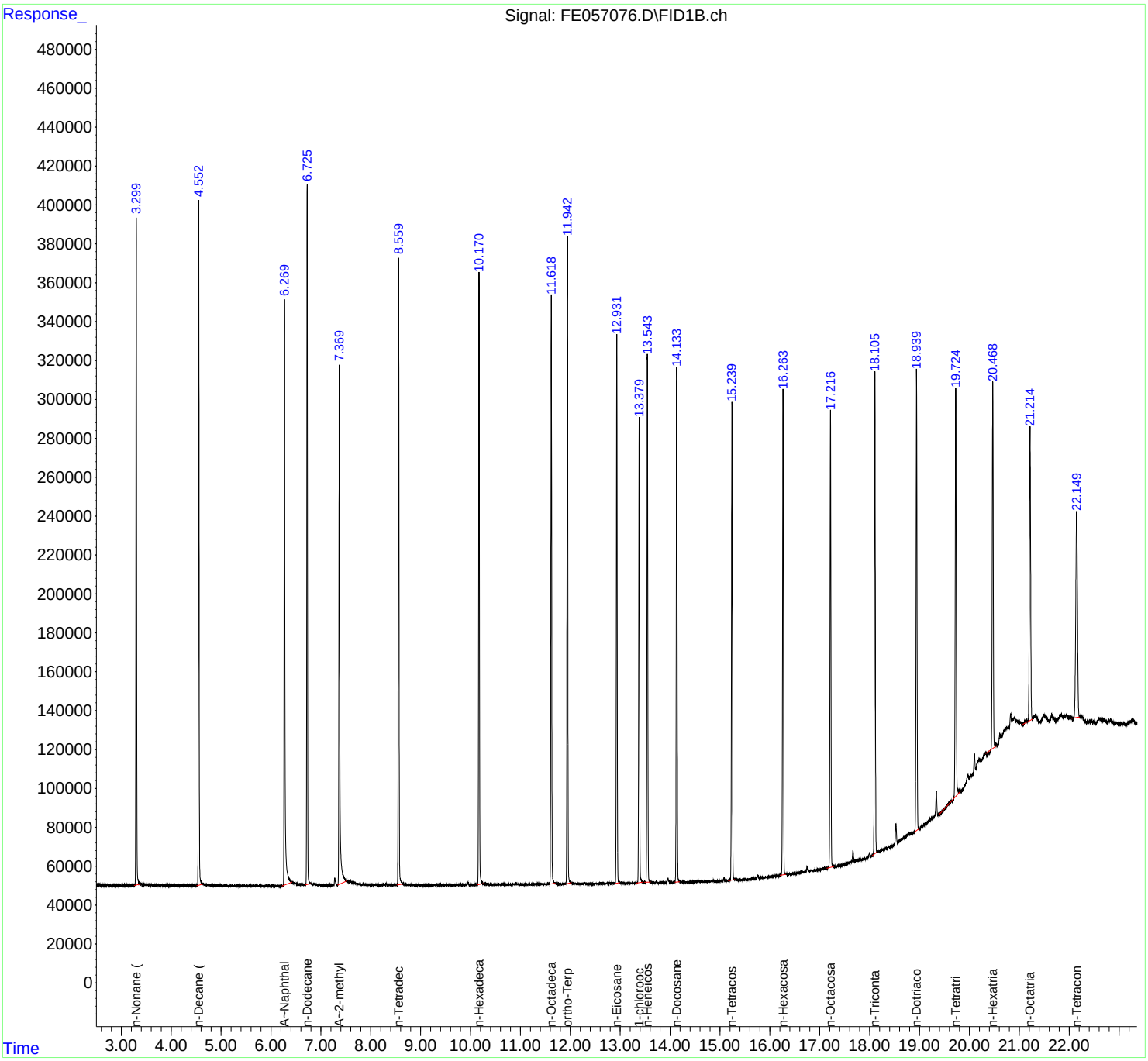
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057076.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 09:15
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: sample.E
Quant Time: Nov 28 19:50:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 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\FE112625AL\
Data File : FE057076.D
Signal(s) : FID1B.ch
Acq On : 27 Nov 2025 09:15
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 103025.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	3.300	3.260	3.384	BB	342517	3403289	92.00%	4.839%
2	4.553	4.512	4.634	BB	351774	3485019	94.21%	4.955%
3	6.270	6.220	6.419	BB	299640	3484096	94.18%	4.953%
4	6.725	6.689	6.799	BB	360010	3512568	94.95%	4.994%
5	7.369	7.334	7.520	BB	266616	3268541	88.36%	4.647%
6	8.559	8.525	8.650	BB	322603	3445345	93.14%	4.898%
7	10.171	10.135	10.259	BB	314561	3485333	94.22%	4.955%
8	11.619	11.580	11.699	BB	302389	3477729	94.01%	4.944%
9	11.942	11.889	12.019	BB	332778	3699223	100.00%	5.259%
10	12.932	12.890	12.997	BB	281799	3291603	88.98%	4.680%
11	13.380	13.325	13.459	BB	239239	2803225	75.78%	3.985%
12	13.545	13.489	13.607	BB	269724	3212942	86.85%	4.568%
13	14.133	14.097	14.194	BB	264106	3178973	85.94%	4.520%
14	15.239	15.172	15.302	BB	245355	3158973	85.40%	4.491%
15	16.264	16.202	16.324	BB	249948	3106557	83.98%	4.417%
16	17.216	17.139	17.280	BB	234759	3094492	83.65%	4.399%
17	18.105	18.039	18.145	BB	247799	3174560	85.82%	4.513%
18	18.940	18.894	18.980	BB	231239	3157056	85.34%	4.488%
19	19.725	19.389	19.817	BB	209530	3060691	82.74%	4.351%
20	20.468	20.332	20.549	BBA	187691	2725153	73.67%	3.874%
21	21.215	21.065	21.265	BV	150989	2624003	70.93%	3.731%
22	22.149	22.050	22.210	BB	105934	2487986	67.26%	3.537%
			Sum of corrected areas:			70337358		

Aliphatic EPH 103025.M Fri Nov 28 20:40:34 2025

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

Continuing Calibration Report for SequenceID : FE120125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE057090.D**						
Aliphatic C9-C12	11796065.000	60.000	3.201	6.825	196601.083	200655.681	2.021
Aliphatic C12-C16	7910112.000	40.000	6.826	10.270	197752.800	203177.346	2.670
Aliphatic C16-C21	11460181.000	60.000	10.271	13.644	191003.017	198315.768	3.687
Aliphatic C21-C28	14258034.000	80.000	13.645	17.313	178225.425	198747.045	10.325
Aliphatic C28-C40	19087397.000	120.000	17.314	22.242	159061.642	199899.890	20.429
Aliphatic EPH	64511789.000	360.000	3.201	22.242	179199.414	199869.809	10.342

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	01 Dec 2025 11:38
Client Sample ID:		Operator:	YP\AJ
Data file:	FE057090.D	Misc:	
Instrument:	FID_E	ALS Vial:	4
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.201	6.825	11796065.000	60.000	ug/ml
Aliphatic C12-C16	6.826	10.270	7910112.000	40.000	ug/ml
Aliphatic C16-C21	10.271	13.644	11460181.000	60.000	ug/ml
Aliphatic C21-C28	13.645	17.313	14258034.000	80.000	ug/ml
Aliphatic C28-C40	17.314	22.242	19087397.000	120.000	ug/ml
Aliphatic EPH	3.201	22.242	64511789.000	360.000	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057090.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 11:38
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 01 12:34:37 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)	11.940	4252991	19.381 ug/ml
Spiked Amount	50.000		Recovery =	38.76%
12)	S 1-chlorooctadecane (S...	13.378	3185719	19.142 ug/ml
Spiked Amount	50.000		Recovery =	38.28%
	Target Compounds			
1)	T n-Nonane (C9)	3.301	3857434	19.720 ug/ml
2)	T n-Decane (C10)	4.553	3940214	19.481 ug/ml
3)	T A~Naphthalene (C11.7)	6.269	3978747	19.762 ug/ml
4)	T n-Dodecane (C12)	6.725	3998417	19.591 ug/ml
5)	T A~2-methylnaphthalene...	7.368	3726880	19.396 ug/ml
6)	T n-Tetradecane (C14)	8.558	3925596	19.503 ug/ml
7)	T n-Hexadecane (C16)	10.170	3984516	19.430 ug/ml
8)	T n-Octadecane (C18)	11.617	3980300	19.311 ug/ml
10)	T n-Eicosane (C20)	12.930	3779068	19.211 ug/ml
11)	T n-Heneicosane (C21)	13.544	3700813	19.263 ug/ml
13)	T n-Docosane (C22)	14.131	3650467	18.910 ug/ml
14)	T n-Tetracosane (C24)	15.238	3595992	18.156 ug/ml
15)	T n-Hexacosane (C26)	16.261	3532362	17.805 ug/ml
16)	T n-Octacosane (C28)	17.213	3479213	16.930 ug/ml
17)	T n-Tricontane (C30)	18.102	3543278	15.788 ug/ml
18)	T n-Dotriacontane (C32)	18.938	3462675	14.834 ug/ml
19)	T n-Tetratriacontane (C34)	19.722	3352409	15.696 ug/ml
20)	T n-Hexatriacontane (C36)	20.464	3095856	16.633 ug/ml
21)	T n-Octatriacontane (C38)	21.211	2924597	16.875 ug/ml
22)	T n-Tetracontane (C40)	22.142	2708582	16.073 ug/ml

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

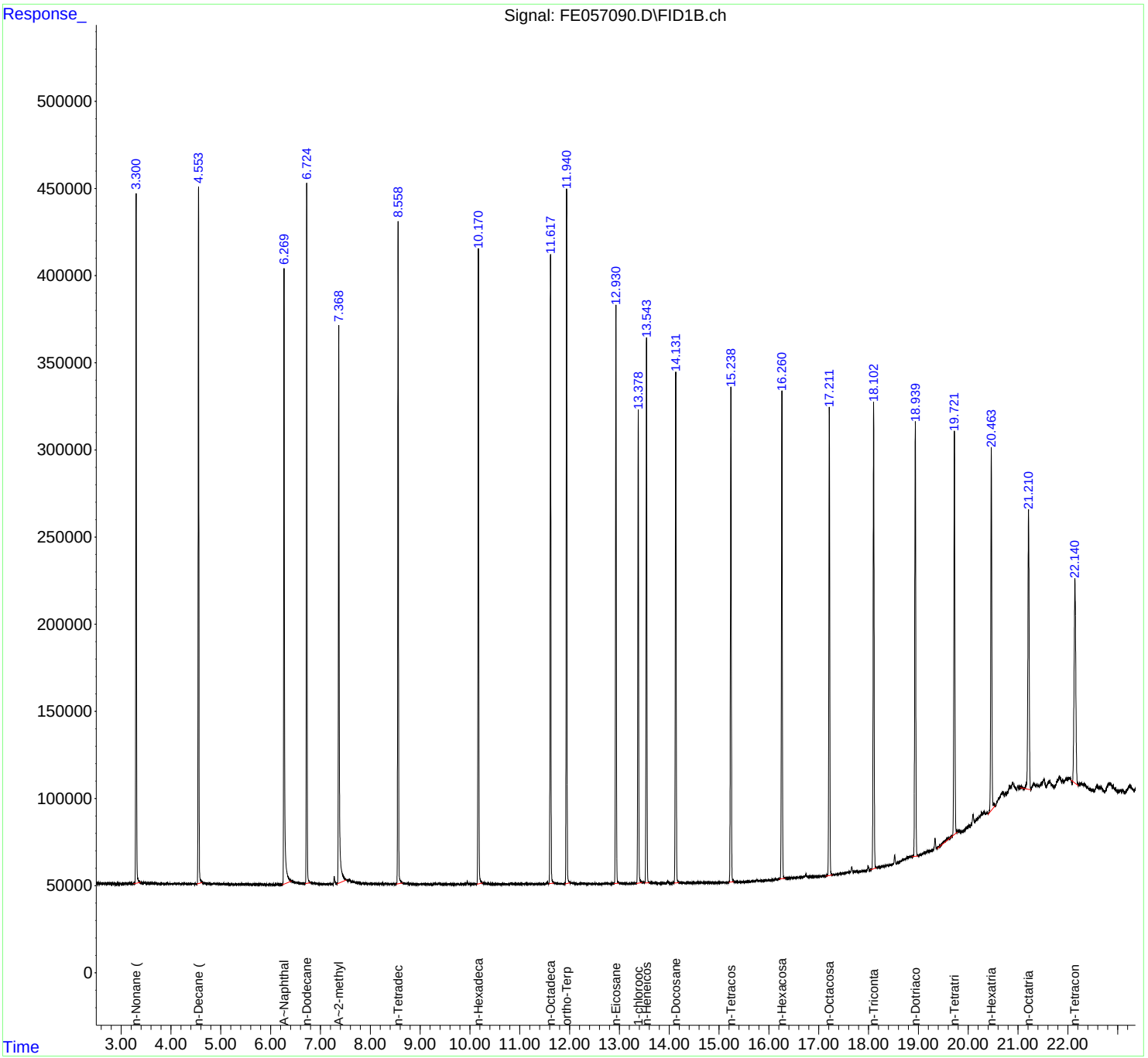
Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057090.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 11:38
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 01 12:34:37 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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057090.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 11:38
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	3.301	3.250	3.385	BB	395569	3857434	90.70%	4.843%
2	4.553	4.514	4.629	BB	399628	3940214	92.65%	4.947%
3	6.269	6.239	6.417	BB	353128	3978747	93.55%	4.995%
4	6.725	6.689	6.799	BB	402315	3998417	94.01%	5.020%
5	7.368	7.330	7.517	BB	319205	3726880	87.63%	4.679%
6	8.558	8.519	8.647	BB	382011	3925596	92.30%	4.928%
7	10.170	10.135	10.250	BB	365241	3984516	93.69%	5.002%
8	11.617	11.580	11.687	BB	359615	3980300	93.59%	4.997%
9	11.940	11.902	12.014	BB	400557	4252991	100.00%	5.339%
10	12.930	12.892	12.990	BB	332305	3779068	88.86%	4.744%
11	13.378	13.339	13.459	BB	268417	3185719	74.91%	3.999%
12	13.544	13.505	13.607	BB	313062	3700813	87.02%	4.646%
13	14.131	14.094	14.197	BB	292311	3650467	85.83%	4.583%
14	15.238	15.199	15.300	BB	282949	3595992	84.55%	4.514%
15	16.261	16.202	16.325	BB	281165	3532362	83.06%	4.435%
16	17.213	17.139	17.277	BB	269365	3479213	81.81%	4.368%
17	18.102	18.037	18.159	BB	267430	3543278	83.31%	4.448%
18	18.938	18.870	18.997	BB	249423	3462675	81.42%	4.347%
19	19.722	19.380	19.780	BV	231364	3352409	78.82%	4.209%
20	20.464	20.402	20.544	BB	207685	3095856	72.79%	3.887%
21	21.211	21.040	21.260	BV	160224	2924597	68.77%	3.672%
22	22.142	22.062	22.206	BB	116655	2708582	63.69%	3.400%
			Sum of corrected areas:			79656123		

Aliphatic EPH 112725.M Mon Dec 01 12:39:36 2025

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

Continuing Calibration Report for SequenceID : FE120125AL

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

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	01 Dec 2025 15:08
Client Sample ID:		Operator:	YP\AJ
Data file:	FE057097.D	Misc:	
Instrument:	FID_E	ALS Vial:	4
Dilution Factor:	1	Sample Multiplier:	1.00

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

Quantitation Report (QT Reviewed)

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

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

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

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	11.940	4251992	19.376 ug/ml
Spiked Amount	50.000	Recovery	=	38.75%
12)	S 1-chlorooctadecane (S...	13.378	3210330	19.290 ug/ml
Spiked Amount	50.000	Recovery	=	38.58%
	Target Compounds			
1)	T n-Nonane (C9)	3.299	3848904	19.676 ug/ml
2)	T n-Decane (C10)	4.552	3930698	19.434 ug/ml
3)	T A~Naphthalene (C11.7)	6.268	3972465	19.731 ug/ml
4)	T n-Dodecane (C12)	6.724	3984296	19.522 ug/ml
5)	T A~2-methylnaphthalene...	7.368	3737912	19.453 ug/ml
6)	T n-Tetradecane (C14)	8.558	3909395	19.423 ug/ml
7)	T n-Hexadecane (C16)	10.170	3971573	19.366 ug/ml
8)	T n-Octadecane (C18)	11.617	3981957	19.319 ug/ml
10)	T n-Eicosane (C20)	12.930	3782610	19.229 ug/ml
11)	T n-Heneicosane (C21)	13.543	3707644	19.298 ug/ml
13)	T n-Docosane (C22)	14.131	3652609	18.921 ug/ml
14)	T n-Tetracosane (C24)	15.238	3603830	18.196 ug/ml
15)	T n-Hexacosane (C26)	16.261	3541212	17.850 ug/ml
16)	T n-Octacosane (C28)	17.213	3492358	16.994 ug/ml
17)	T n-Tricontane (C30)	18.103	3553838	15.835 ug/ml
18)	T n-Dotriacontane (C32)	18.938	3462168	14.831 ug/ml
19)	T n-Tetratriacontane (C34)	19.723	3206976	15.015 ug/ml
20)	T n-Hexatriacontane (C36)	20.465	3003395	16.136 ug/ml
21)	T n-Octatriacontane (C38)	21.211	2816753	16.253 ug/ml
22)	T n-Tetracontane (C40)	22.142	2771272	16.445 ug/ml

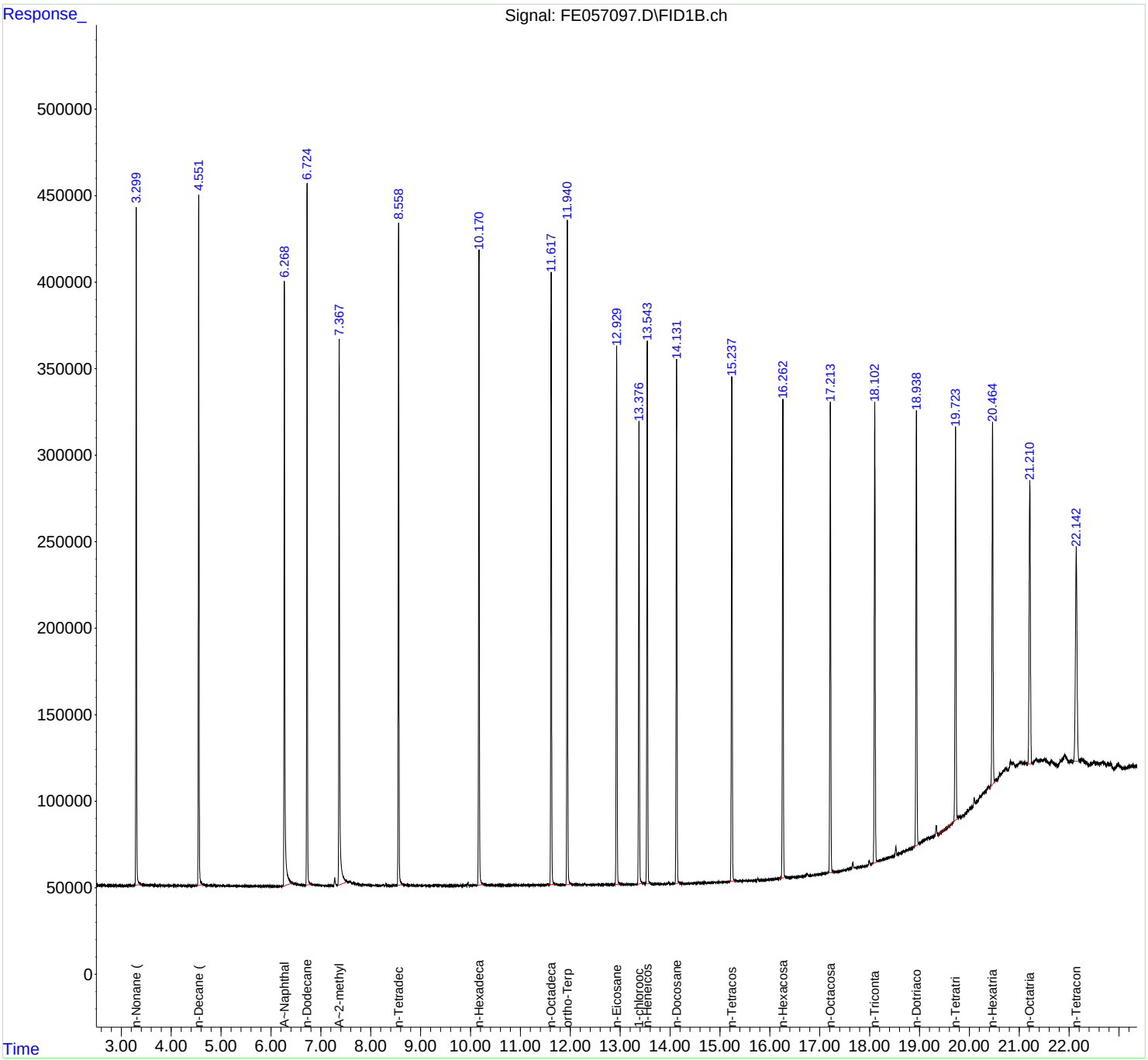
(f)=RT Delta > 1/2 Window (m)=manual int.

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

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

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

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



rteres

Area Percent Report

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

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.299	3.269	3.385	BB	391677	3848904	90.52%	4.848%
2	4.552	4.519	4.632	BB	398580	3930698	92.44%	4.951%
3	6.268	6.235	6.425	BB	348211	3972465	93.43%	5.003%
4	6.724	6.689	6.797	BB	404585	3984296	93.70%	5.018%
5	7.368	7.332	7.525	BB	315180	3737912	87.91%	4.708%
6	8.558	8.520	8.645	BB	379564	3909395	91.94%	4.924%
7	10.170	10.132	10.252	BB	366898	3971573	93.40%	5.002%
8	11.617	11.517	11.694	BB	354517	3981957	93.65%	5.015%
9	11.940	11.900	12.019	BB	384990	4251992	100.00%	5.356%
10	12.930	12.892	12.997	BB	310635	3782610	88.96%	4.764%
11	13.378	13.339	13.455	BB	268016	3210330	75.50%	4.044%
12	13.543	13.507	13.610	BB	313913	3707644	87.20%	4.670%
13	14.131	14.094	14.189	BB	304155	3652609	85.90%	4.601%
14	15.238	15.197	15.302	BB	290999	3603830	84.76%	4.539%
15	16.261	16.202	16.319	BB	277619	3541212	83.28%	4.460%
16	17.213	17.152	17.274	BB	271249	3492358	82.13%	4.399%
17	18.103	18.037	18.155	BB	263879	3553838	83.58%	4.476%
18	18.938	18.870	18.987	BB	250796	3462168	81.42%	4.361%
19	19.723	19.377	19.774	BB	226704	3206976	75.42%	4.039%
20	20.465	20.407	20.514	PV	208782	3003395	70.63%	3.783%
21	21.211	21.141	21.256	BV	163335	2816753	66.25%	3.548%
22	22.142	22.051	22.202	BV	123332	2771272	65.18%	3.491%
			Sum of corrected areas:			79394188		

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

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

Continuing Calibration Report for SequenceID : FE120125AL

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

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	02 Dec 2025 00:40
Client Sample ID:		Operator:	YP\AJ
Data file:	FE057115.D	Misc:	
Instrument:	FID_E	ALS Vial:	4
Dilution Factor:	1	Sample Multiplier:	1.00

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

Quantitation Report (QT Reviewed)

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

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

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

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

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	11.941	4888720	22.278 ug/ml
Spiked Amount	50.000	Recovery	=	44.56%
12)	S 1-chlorooctadecane (S...	13.379	3704442	22.259 ug/ml
Spiked Amount	50.000	Recovery	=	44.52%
	Target Compounds			
1)	T n-Nonane (C9)	3.298	4449291	22.746 ug/ml
2)	T n-Decane (C10)	4.552	4549551	22.494 ug/ml
3)	T A~Naphthalene (C11.7)	6.269	4617994	22.937 ug/ml
4)	T n-Dodecane (C12)	6.724	4600872	22.543 ug/ml
5)	T A~2-methylnaphthalene...	7.368	4350901	22.643 ug/ml
6)	T n-Tetradecane (C14)	8.558	4508317	22.398 ug/ml
7)	T n-Hexadecane (C16)	10.170	4573819	22.303 ug/ml
8)	T n-Octadecane (C18)	11.618	4570103	22.173 ug/ml
10)	T n-Eicosane (C20)	12.931	4334004	22.032 ug/ml
11)	T n-Heneicosane (C21)	13.545	4239435	22.066 ug/ml
13)	T n-Docosane (C22)	14.132	4194550	21.729 ug/ml
14)	T n-Tetracosane (C24)	15.238	4145683	20.932 ug/ml
15)	T n-Hexacosane (C26)	16.263	4088362	20.608 ug/ml
16)	T n-Octacosane (C28)	17.215	4123685	20.067 ug/ml
17)	T n-Tricontane (C30)	18.104	4508448	20.089 ug/ml
18)	T n-Dotriacontane (C32)	18.940	4862362	20.830 ug/ml
19)	T n-Tetratriacontane (C34)	19.725	4917453	23.023 ug/ml
20)	T n-Hexatriacontane (C36)	20.468	4652282	24.995 ug/ml
21)	T n-Octatriacontane (C38)	21.216	4262872	24.597 ug/ml
22)	T n-Tetracontane (C40)	22.146	3806618	22.589 ug/mlm

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

Quantitation Report (QT Reviewed)

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

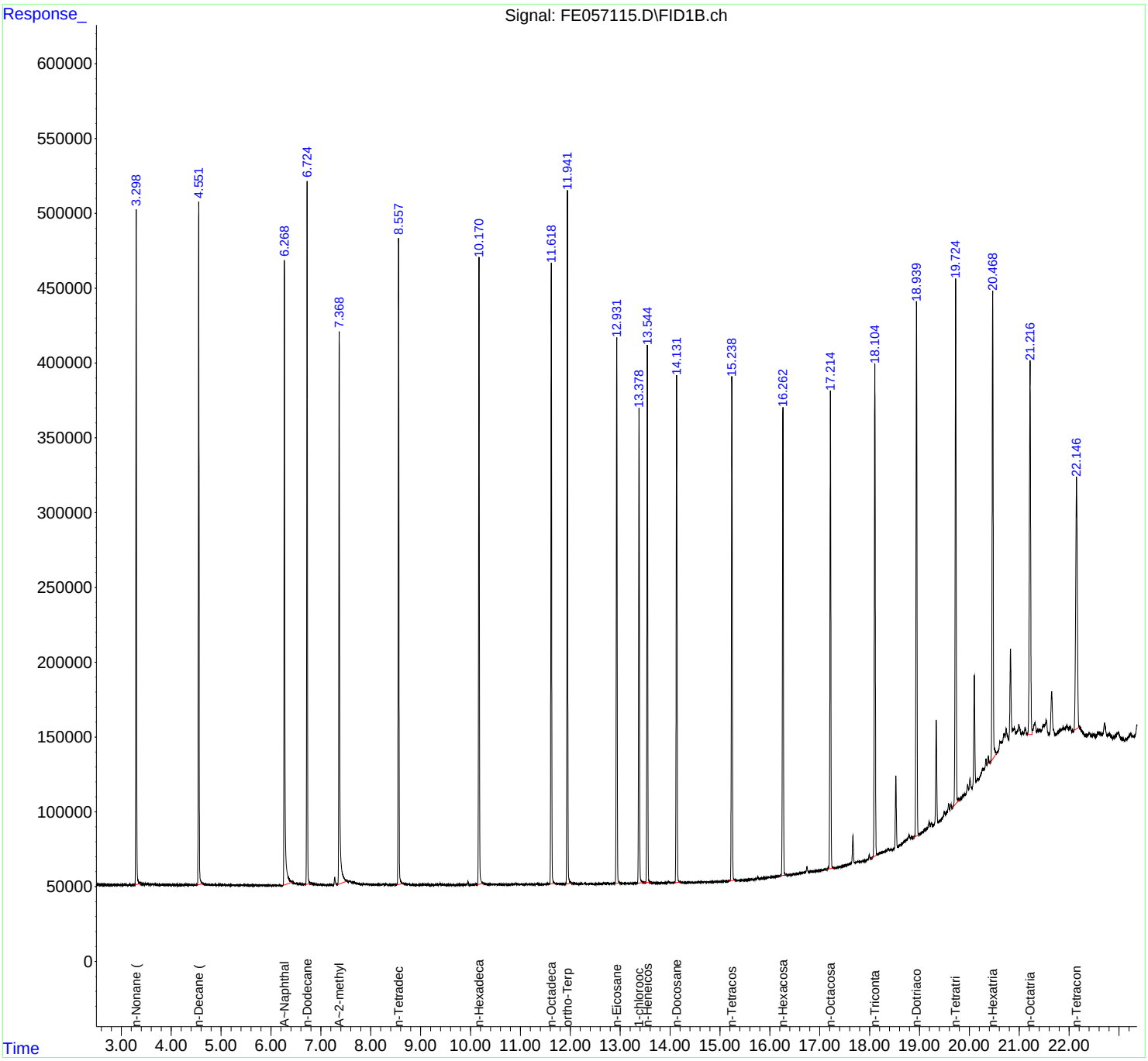
Integration File: autoint1.e
Quant Time: Dec 02 01:31:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

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



rteres

Instrument :
FID_E
LabSampleId :
20 PPM ALIPHATIC HC STD

Area Percent Report

Manual IntegrationsAPPROVED

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

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

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.298	3.265	3.390	BB	450940	4449291	90.48%	4.588%
2	4.552	4.510	4.637	BB	457000	4549551	92.52%	4.692%
3	6.269	6.240	6.424	BB	417071	4617994	93.91%	4.762%
4	6.724	6.690	6.800	BB	469731	4600872	93.56%	4.745%
5	7.368	7.332	7.525	BB	369968	4350901	88.48%	4.487%
6	8.558	8.524	8.645	BB	430142	4508317	91.68%	4.649%
7	10.170	10.130	10.254	BB	419332	4573819	93.01%	4.717%
8	11.618	11.579	11.700	BB	415415	4570103	92.94%	4.713%
9	11.941	11.905	12.024	BB	465126	4888720	99.42%	5.042%
10	12.931	12.892	12.990	BB	365339	4334004	88.14%	4.469%
11	13.379	13.340	13.460	BB	315994	3704442	75.33%	3.820%
12	13.545	13.487	13.609	BB	358906	4239435	86.21%	4.372%
13	14.132	14.094	14.202	BB	338665	4194550	85.30%	4.326%
14	15.238	15.175	15.304	BB	334964	4145683	84.31%	4.275%
15	16.263	16.202	16.330	BB	312820	4088362	83.14%	4.216%
16	17.215	17.139	17.275	BB	318558	4123685	83.86%	4.253%
17	18.104	18.027	18.152	BB	329475	4508448	91.68%	4.649%
18	18.940	18.870	18.985	BB	356967	4862362	98.88%	5.014%
19	19.725	19.652	19.795	PB	347987	4917453	100.00%	5.071%
20	20.468	20.415	20.549	BBA	312219	4652282	94.61%	4.798%
21	21.216	21.165	21.259	PV	249895	4262872	86.69%	4.396%
22	22.146	22.092	22.206	M	168922	3826344	77.81%	3.946%
			Sum of corrected areas:			96969489		

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

QC SAMPLE DATA

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	
Project:	Saddler Property			Date Received:	
Client Sample ID:	PB170736BL			SDG No.:	Q3719
Lab Sample ID:	PB170736BL			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FE057046.D	11/26/25 15:04	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	4.00	mg/kg	FE057046.D	11/26/25 15:04	PB170736
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	6.00	mg/kg			
Total EPH	Total EPH	2.09	U		2.09	6.00	mg/kg			

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

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

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

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	
Project:	Saddler Property			Date Received:	
Client Sample ID:	PB170736BL			SDG No.:	Q3719
Lab Sample ID:	PB170736BL			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/26/25		

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	4.00	mg/kg	11/26/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	11/26/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	29.0			40 - 140	58%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	34.8			40 - 140	70%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170736BL	Acq On:	26 Nov 2025 15:04
Client Sample ID:	PB170736BL	Operator:	YP\AJ
Data file:	FE057046.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.202	6.826	0	0	300	ug/ml
Aliphatic C12-C16	6.827	10.271	0	0	200	ug/ml
Aliphatic C16-C21	10.272	13.644	0	0	300	ug/ml
Aliphatic C21-C28	13.645	17.314	0	0	400	ug/ml
Aliphatic C28-C40	17.315	22.241	0	0	600	ug/ml
Aliphatic EPH	3.202	22.241	0	0		ug/ml
ortho-Terphenyl (SURR)	11.942	11.942	7267347	34.79		ug/ml
1-chlorooctadecane (SURR)	13.379	13.379	4669805	28.98		ug/ml
Aliphatic C9-C28	3.202	17.314	0	0	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057046.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 15:04
Operator : YP\AJ
Sample : PB170736BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170736BL

Integration File: sample.E
Quant Time: Nov 27 00:35:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.942	7267347	34.787 ug/ml
Spiked Amount 50.000		Recovery =	69.57%
12) S 1-chlorooctadecane (S...	13.379	4669805	28.984 ug/ml
Spiked Amount 50.000		Recovery =	57.97%
Target Compounds			

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

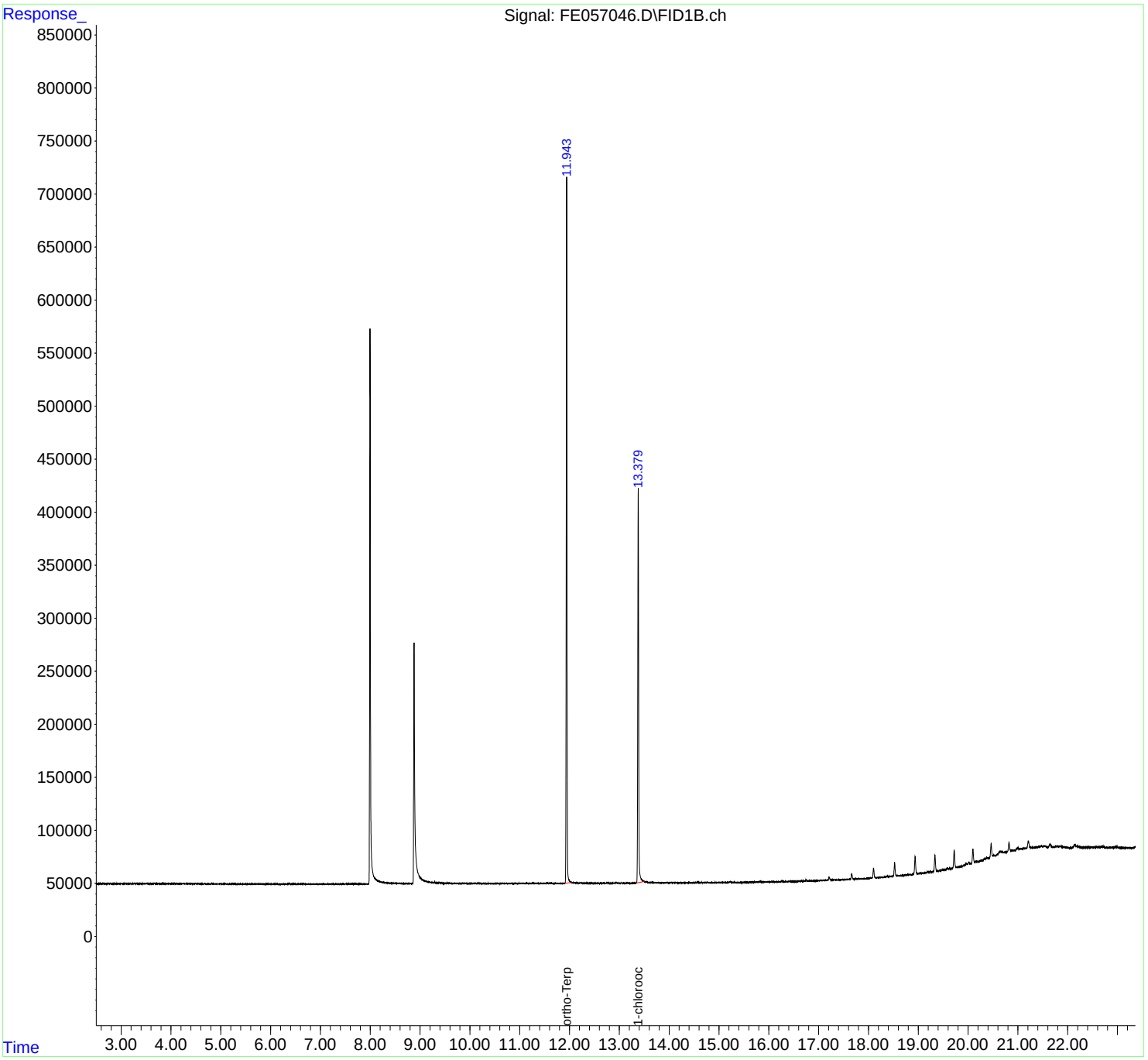
Quantitation Report (QT Reviewed)

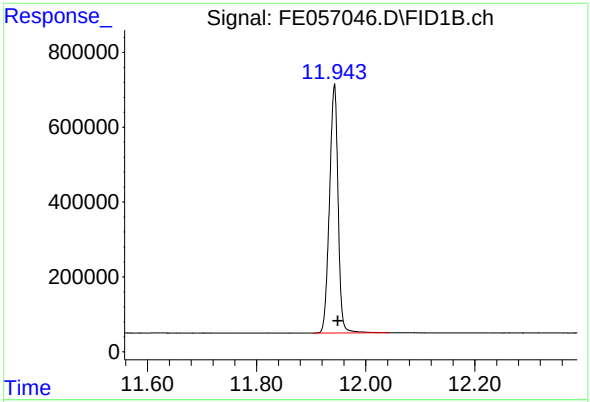
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057046.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 15:04
Operator : YP\AJ
Sample : PB170736BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170736BL

Integration File: sample.E
Quant Time: Nov 27 00:35:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

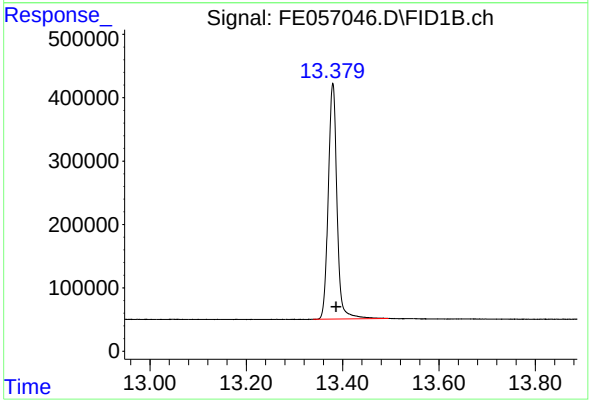




#9 ortho-Terphenyl (SURR)

R.T.: 11.942 min
Delta R.T.: -0.006 min
Response: 7267347
Conc: 34.79 ug/ml

Instrument :
FID_E
ClientSampleId :
PB170736BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.379 min
Delta R.T.: -0.007 min
Response: 4669805
Conc: 28.98 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057046.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 15:04
Sample : PB170736BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	11.942	11.904	12.042	BB	660878	7267347	100.00%	60.880%
2	13.379	13.339	13.495	BB	371298	4669805	64.26%	39.120%
			Sum of corrected areas:			11937152		

Aliphatic EPH 103025.M Fri Nov 28 20:37:03 2025

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	
Project:	Saddler Property			Date Received:	
Client Sample ID:	PB170736BS			SDG No.:	Q3719
Lab Sample ID:	PB170736BS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	29.7		1	1.18	2.00	mg/kg	FE057047.D	11/26/25 15:35	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	79.0		1	0.91	3.99	mg/kg	FE057047.D	11/26/25 15:35	PB170736
Total AliphaticEPH	Total AliphaticEPH	109			2.09	5.99	mg/kg			
Total EPH	Total EPH	109			2.09	5.99	mg/kg			

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

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

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

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	
Project:	Saddler Property			Date Received:	
Client Sample ID:	PB170736BS			SDG No.:	Q3719
Lab Sample ID:	PB170736BS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	79.0		1	0.91	3.99	mg/kg	11/26/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	29.7		1	1.18	2.00	mg/kg	11/26/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	31.9			40 - 140	64%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	36.1			40 - 140	72%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170736BS	Acq On:	26 Nov 2025 15:35
Client Sample ID:	PB170736BS	Operator:	YP\AJ
Data file:	FE057047.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.202	6.826	39663849	231.732	300	ug/ml
Aliphatic C12-C16	6.827	10.271	50960229	285.085	200	ug/ml
Aliphatic C16-C21	10.272	13.644	56342362	302.095	300	ug/ml
Aliphatic C21-C28	13.645	17.314	70996484	368.304	400	ug/ml
Aliphatic C28-C40	17.315	22.241	70930100	445.22	600	ug/ml
Aliphatic EPH	3.202	22.241	288893024	1630		ug/ml
ortho-Terphenyl (SURR)	11.943	11.943	7539433	36.09		ug/ml
1-chlorooctadecane (SURR)	13.379	13.379	5142403	31.92		ug/ml
Aliphatic C9-C28	3.202	17.314	217962924	1190	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057047.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 15:35
Operator : YP\AJ
Sample : PB170736BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170736BS

Integration File: sample.E
Quant Time: Nov 27 00:35:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 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)	11.943	7539433	36.089 ug/ml
Spiked Amount	50.000		Recovery =	72.18%
12) S	1-chlorooctadecane (S...	13.379	5142403	31.917 ug/ml
Spiked Amount	50.000		Recovery =	63.83%
	Target Compounds			
1) T	n-Nonane (C9)	3.314	6845360	40.755 ug/ml
2) T	n-Decane (C10)	4.561	7298832	42.535 ug/ml
3) T	A~Naphthalene (C11.7)	6.272	8946198	48.467 ug/ml
4) T	n-Dodecane (C12)	6.728	7841095	45.082 ug/ml
5) T	A~2-methylnaphthalene...	7.370	7968274	44.962 ug/ml
6) T	n-Tetradecane (C14)	8.562	7975658	45.692 ug/ml
7) T	n-Hexadecane (C16)	10.173	7868449	43.007 ug/ml
8) T	n-Octadecane (C18)	11.620	7809983	41.263 ug/ml
10) T	n-Eicosane (C20)	12.933	7732349	41.491 ug/ml
11) T	n-Heneicosane (C21)	13.546	7562770	41.128 ug/ml
13) T	n-Docosane (C22)	14.134	7474783	39.929 ug/ml
14) T	n-Tetracosane (C24)	15.242	16165081	82.532 ug/ml
15) T	n-Hexacosane (C26)	16.265	7220251	37.153 ug/ml
16) T	n-Octacosane (C28)	17.214	7692606	39.722 ug/ml
17) T	n-Tricontane (C30)	18.107	7007984	34.953 ug/ml
18) T	n-Dotriacontane (C32)	18.939	7171637	36.469 ug/ml
19) T	n-Tetratriacontane (C34)	19.725	7078798	41.010 ug/ml
20) T	n-Hexatriacontane (C36)	20.467	7057408	48.787 ug/ml
21) T	n-Octatriacontane (C38)	21.215	7316307	58.130 ug/ml
22) T	n-Tetracontane (C40)	22.146	7699127	66.593 ug/ml

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

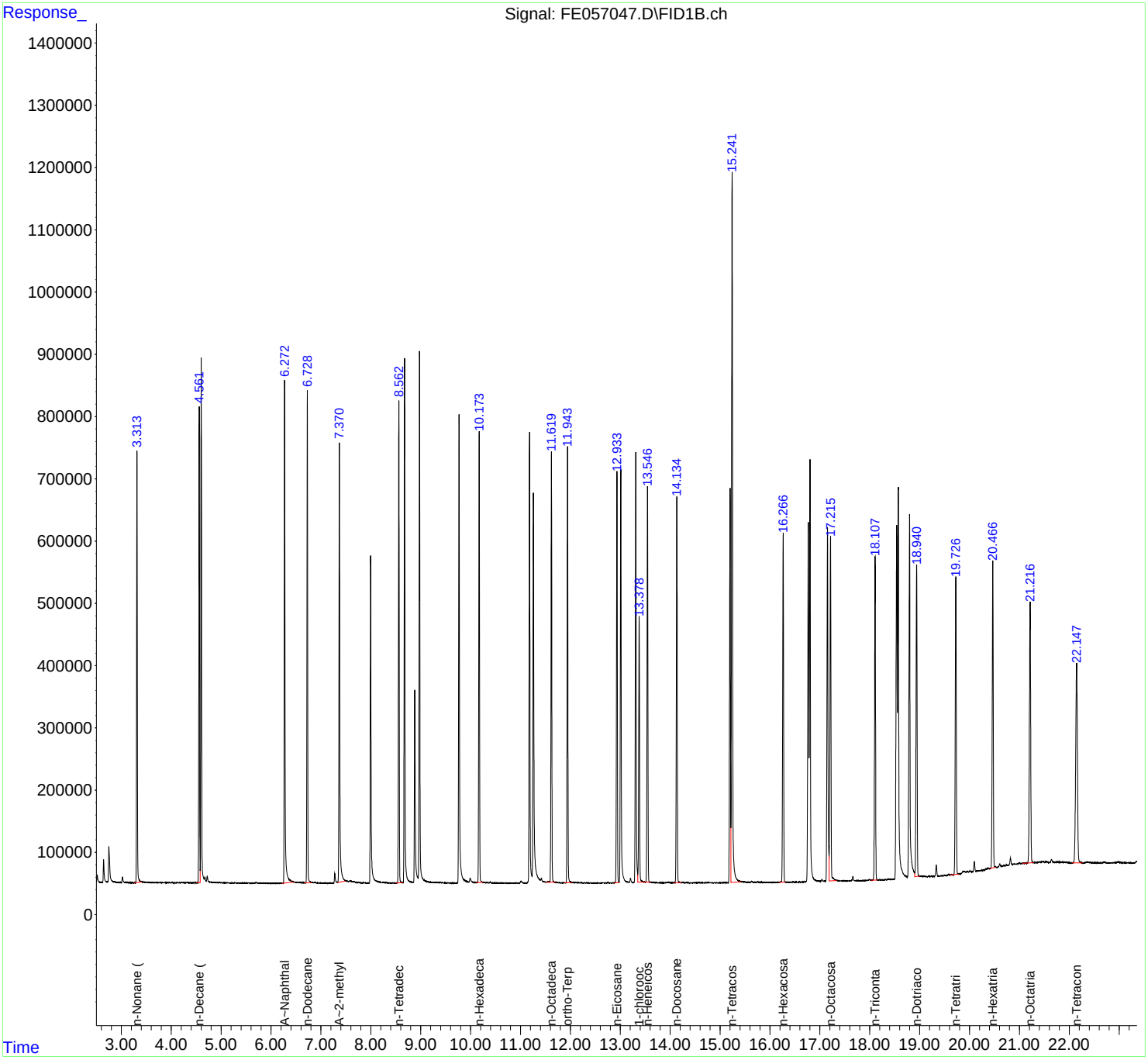
Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057047.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 15:35
Operator : YP\AJ
Sample : PB170736BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170736BS

Integration File: sample.E
Quant Time: Nov 27 00:35:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057047.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 15:35
Sample : PB170736BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	3.314	3.262	3.413	BB	692825	6845360	42.35%	2.270%
2	4.561	4.508	4.580	BV	766233	7298832	45.15%	2.420%
3	4.601	4.580	4.660	VV	843494	8732364	54.02%	2.896%
4	6.272	6.218	6.467	BB	806377	8946198	55.34%	2.966%
5	6.728	6.667	6.822	BB	791435	7841095	48.51%	2.600%
6	7.370	7.333	7.497	PV	706722	7968274	49.29%	2.642%
7	8.562	8.500	8.647	BV	773834	7975658	49.34%	2.645%
8	8.676	8.647	8.825	PB	845078	9080217	56.17%	3.011%
9	8.976	8.948	9.142	VB	853344	9187983	56.84%	3.047%
10	9.769	9.707	9.953	BB	749631	8879648	54.93%	2.944%
11	10.173	10.112	10.255	BB	729021	7868449	48.68%	2.609%
12	11.182	11.117	11.232	BV	724221	8276384	51.20%	2.744%
13	11.259	11.232	11.403	VV	622995	8479253	52.45%	2.812%
14	11.620	11.508	11.703	BB	691225	7809983	48.31%	2.590%
15	11.943	11.878	12.040	BB	704019	7539433	46.64%	2.500%
16	12.933	12.873	12.976	BV	662691	7732349	47.83%	2.564%
17	13.011	12.976	13.165	VB	661088	8323020	51.49%	2.760%
18	13.311	13.242	13.352	BV	686626	8158603	50.47%	2.705%
19	13.379	13.352	13.475	VB	427110	5142403	31.81%	1.705%
20	13.546	13.478	13.612	BB	637101	7562770	46.78%	2.508%
21	14.134	14.065	14.227	BB	620502	7474783	46.24%	2.479%
22	15.201	15.140	15.217	BV	632063	7695810	47.61%	2.552%
23	15.242	15.217	15.427	VB	1141605	16165081	100.00%	5.360%
24	16.265	16.175	16.313	BB	555310	7220251	44.67%	2.394%
25	16.770	16.702	16.785	BV	577880	8043003	49.76%	2.667%
26	16.804	16.785	16.942	VB	676635	8814175	54.53%	2.923%
27	17.154	17.100	17.185	BV	568497	7890775	48.81%	2.617%
28	17.214	17.185	17.338	VB	553860	7692606	47.59%	2.551%
29	18.107	18.023	18.152	BB	520560	7007984	43.35%	2.324%
30	18.540	18.465	18.553	BV	566854	8427769	52.14%	2.795%
31	18.571	18.553	18.755	VV	625647	9982940	61.76%	3.310%
32	18.798	18.755	18.900	VV	584275	9188130	56.84%	3.047%
33	18.939	18.900	19.005	VB	500216	7171637	44.36%	2.378%
34	19.725	19.607	19.787	BB	477672	7078798	43.79%	2.347%
35	20.467	20.400	20.527	BB	492285	7057408	43.66%	2.340%
36	21.215	21.065	21.287	BB	417322	7316307	45.26%	2.426%

rteres

37	22.146	22.050	22.273	BB	320414	7699127	47.63%	2.553%

Sum of corrected areas: 301574861

Aliphatic EPH 103025.M Fri Nov 28 20:37:45 2025

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	
Project:	Saddler Property			Date Received:	
Client Sample ID:	PB170736BSD			SDG No.:	Q3719
Lab Sample ID:	PB170736BSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	29.2		1	1.18	2.00	mg/kg	FE057048.D	11/26/25 16:05	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	79.0		1	0.91	3.99	mg/kg	FE057048.D	11/26/25 16:05	PB170736
Total AliphaticEPH	Total AliphaticEPH	108			2.09	5.99	mg/kg			
Total EPH	Total EPH	108			2.09	5.99	mg/kg			

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

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

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

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	
Project:	Saddler Property			Date Received:	
Client Sample ID:	PB170736BSD			SDG No.:	Q3719
Lab Sample ID:	PB170736BSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	79.0		1	0.91	3.99	mg/kg	11/26/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	29.2		1	1.18	2.00	mg/kg	11/26/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	31.9			40 - 140	64%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	36.0			40 - 140	72%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170736BSD	Acq On:	26 Nov 2025 16:05
Client Sample ID:	PB170736BSD	Operator:	YP\AJ
Data file:	FE057048.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.202	6.826	39523395	230.911	300	ug/ml
Aliphatic C12-C16	6.827	10.271	50921893	284.871	200	ug/ml
Aliphatic C16-C21	10.272	13.644	56192979	301.294	300	ug/ml
Aliphatic C21-C28	13.645	17.314	70751623	367.033	400	ug/ml
Aliphatic C28-C40	17.315	22.241	69721703	437.635	600	ug/ml
Aliphatic EPH	3.202	22.241	287111593	1620		ug/ml
ortho-Terphenyl (SURR)	11.943	11.943	7528930	36.04		ug/ml
1-chlorooctadecane (SURR)	13.379	13.379	5135485	31.87		ug/ml
Aliphatic C9-C28	3.202	17.314	217389890	1180	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057048.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 16:05
Operator : YP\AJ
Sample : PB170736BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170736BSD

Integration File: sample.E
Quant Time: Nov 27 00:36:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 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)	11.943	7528930	36.039 ug/ml
Spiked Amount	50.000		Recovery =	72.08%
12) S	1-chlorooctadecane (S...	13.379	5135485	31.874 ug/ml
Spiked Amount	50.000		Recovery =	63.75%
	Target Compounds			
1) T	n-Nonane (C9)	3.313	6801933	40.496 ug/ml
2) T	n-Decane (C10)	4.561	7271017	42.373 ug/ml
3) T	A~Naphthalene (C11.7)	6.272	8909258	48.266 ug/ml
4) T	n-Dodecane (C12)	6.728	7834028	45.041 ug/ml
5) T	A~2-methylnaphthalene...	7.370	7970078	44.972 ug/ml
6) T	n-Tetradecane (C14)	8.562	7953511	45.565 ug/ml
7) T	n-Hexadecane (C16)	10.173	7842269	42.864 ug/ml
8) T	n-Octadecane (C18)	11.620	7791826	41.167 ug/ml
10) T	n-Eicosane (C20)	12.934	7717513	41.411 ug/ml
11) T	n-Heneicosane (C21)	13.546	7550941	41.064 ug/ml
13) T	n-Docosane (C22)	14.134	7455624	39.827 ug/ml
14) T	n-Tetracosane (C24)	15.242	16107027	82.236 ug/ml
15) T	n-Hexacosane (C26)	16.266	7193195	37.014 ug/ml
16) T	n-Octacosane (C28)	17.216	7639648	39.448 ug/ml
17) T	n-Tricontane (C30)	18.108	6893169	34.380 ug/ml
18) T	n-Dotriacontane (C32)	18.940	6971548	35.452 ug/ml
19) T	n-Tetratriacontane (C34)	19.725	6830546	39.572 ug/ml
20) T	n-Hexatriacontane (C36)	20.467	6853447	47.377 ug/ml
21) T	n-Octatriacontane (C38)	21.215	7175036	57.007 ug/ml
22) T	n-Tetracontane (C40)	22.148	7541520	65.230 ug/ml

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

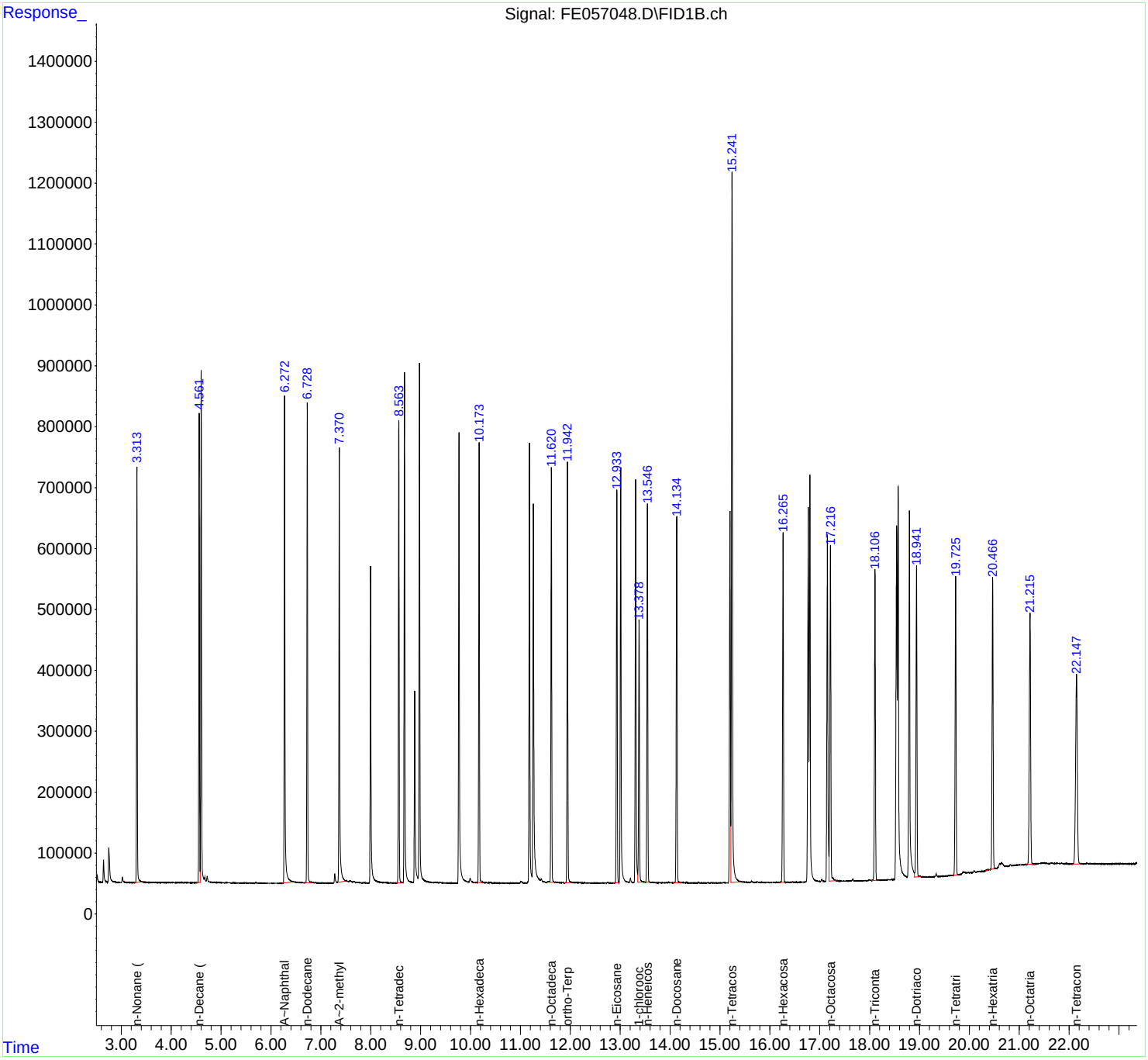
Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057048.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 16:05
Operator : YP\AJ
Sample : PB170736BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170736BSD

Integration File: sample.E
Quant Time: Nov 27 00:36:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057048.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 16:05
Sample : PB170736BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	3.313	3.254	3.417	BB	683298	6801933	42.23%	2.269%
2	4.561	4.499	4.580	BV	770592	7271017	45.14%	2.425%
3	4.600	4.580	4.660	VV	839079	8707159	54.06%	2.905%
4	6.272	6.219	6.449	BB	799425	8909258	55.31%	2.972%
5	6.728	6.675	6.832	BB	788462	7834028	48.64%	2.613%
6	7.370	7.337	7.499	BV	712536	7970078	49.48%	2.659%
7	8.562	8.499	8.644	BV	757748	7953511	49.38%	2.653%
8	8.676	8.644	8.815	PB	837379	9066828	56.29%	3.025%
9	8.977	8.947	9.152	VB	854182	9216051	57.22%	3.074%
10	9.769	9.707	9.952	BB	730749	8873156	55.09%	2.960%
11	10.173	10.112	10.257	BB	725857	7842269	48.69%	2.616%
12	11.182	11.105	11.232	BV	718870	8257717	51.27%	2.755%
13	11.259	11.232	11.400	VV	616970	8457053	52.51%	2.821%
14	11.620	11.509	11.702	BB	679895	7791826	48.38%	2.599%
15	11.943	11.879	12.040	BB	688566	7528930	46.74%	2.512%
16	12.934	12.862	12.977	BV	644659	7717513	47.91%	2.574%
17	13.011	12.977	13.152	VB	686724	8287821	51.45%	2.765%
18	13.311	13.242	13.352	BV	656393	8130108	50.48%	2.712%
19	13.379	13.352	13.474	VB	429938	5135485	31.88%	1.713%
20	13.546	13.475	13.614	BB	622199	7550941	46.88%	2.519%
21	14.134	14.065	14.217	BB	599998	7455624	46.29%	2.487%
22	15.201	15.139	15.218	BV	610955	7688096	47.73%	2.565%
23	15.242	15.218	15.422	VB	1167038	16107027	100.00%	5.373%
24	16.266	16.175	16.324	BB	572330	7193195	44.66%	2.400%
25	16.771	16.702	16.785	BV	611597	7962785	49.44%	2.656%
26	16.804	16.785	16.940	VB	666883	8835428	54.85%	2.947%
27	17.154	17.100	17.186	BV	565634	7869820	48.86%	2.625%
28	17.216	17.186	17.334	VB	549529	7639648	47.43%	2.548%
29	18.108	18.034	18.162	BB	510316	6893169	42.80%	2.299%
30	18.542	18.464	18.555	BV	581688	8421781	52.29%	2.809%
31	18.572	18.555	18.755	VV	637161	9874205	61.30%	3.294%
32	18.798	18.755	18.900	VV	606082	9160451	56.87%	3.056%
33	18.940	18.900	19.010	VB	509779	6971548	43.28%	2.326%
34	19.725	19.654	19.777	BB	491096	6830546	42.41%	2.279%
35	20.467	20.320	20.509	BB	479116	6853447	42.55%	2.286%
36	21.215	21.132	21.287	BB	412463	7175036	44.55%	2.393%

rteres

37	22.148	22.050	22.247	BB	310962	7541520	46.82%	2.516%

Sum of corrected areas: 299776012

Aliphatic EPH 103025.M Fri Nov 28 20:38:23 2025

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	
Project:	Saddler Property			Date Received:	
Client Sample ID:	OR-03-11-24-2025MS			SDG No.:	Q3719
Lab Sample ID:	Q3714-01MS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	98.5
Sample Wt/Vol:	30.06 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	84.2	E	1	1.20	2.03	mg/kg	FE057051.D	11/26/25 17:36	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	63.6		1	0.92	4.04	mg/kg	FE057051.D	11/26/25 17:36	PB170736
Total AliphaticEPH	Total AliphaticEPH	148			2.12	6.08	mg/kg			
Total EPH	Total EPH	148			2.12	6.08	mg/kg			

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

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

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

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	
Project:	Saddler Property			Date Received:	
Client Sample ID:	OR-03-11-24-2025MS			SDG No.:	Q3719
Lab Sample ID:	Q3714-01MS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	98.5
Sample Wt/Vol:	30.06 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	63.6		1	0.92	4.04	mg/kg	11/26/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	84.2	E	1	1.20	2.03	mg/kg	11/26/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	25.9			40 - 140	52%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	24.7			40 - 140	49%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3714-01MS	Acq On:	26 Nov 2025 17:36
Client Sample ID:	OR-03-11-24-2025MS	Operator:	YP\AJ
Data file:	FE057051.D	Misc:	
Instrument:	FID_E	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.202	6.826	21286520	124.364	300	ug/ml
Aliphatic C12-C16	6.827	10.271	33719393	188.635	200	ug/ml
Aliphatic C16-C21	10.272	13.644	52401168	280.963	300	ug/ml
Aliphatic C21-C28	13.645	17.314	67011386	347.63	400	ug/ml
Aliphatic C28-C40	17.315	22.241	198524083	1250	600	ug/ml
Aliphatic EPH	3.202	22.241	372942550	2190		ug/ml
ortho-Terphenyl (SURR)	11.944	11.944	5152042	24.66		ug/ml
1-chlorooctadecane (SURR)	13.381	13.381	4180187	25.95		ug/ml
Aliphatic C9-C28	3.202	17.314	174418467	941.592	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057051.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 17:36
Operator : YP\AJ
Sample : Q3714-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
OR-03-11-24-2025MS

Integration File: sample.E
Quant Time: Nov 27 00:37:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 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)	11.944	5152042	24.661 ug/ml
Spiked Amount	50.000		Recovery =	49.32%
12)	S 1-chlorooctadecane (S...	13.381	4180187	25.945 ug/ml
Spiked Amount	50.000		Recovery =	51.89%
	Target Compounds			
1)	T n-Nonane (C9)	3.301	3250941	19.355 ug/ml
2)	T n-Decane (C10)	4.555	3683580	21.467 ug/ml
3)	T A~Naphthalene (C11.7)	6.271	4668892	25.294 ug/ml
4)	T n-Dodecane (C12)	6.727	4147295	23.845 ug/ml
5)	T A~2-methylnaphthalene...	7.370	4337444	24.475 ug/ml
6)	T n-Tetradecane (C14)	8.561	4601226	26.360 ug/ml
7)	T n-Hexadecane (C16)	10.173	4762266	26.029 ug/ml
8)	T n-Octadecane (C18)	11.620	4747520	25.083 ug/ml
10)	T n-Eicosane (C20)	12.935	5213261	27.974 ug/ml
11)	T n-Heneicosane (C21)	13.547	4642027	25.245 ug/ml
13)	T n-Docosane (C22)	14.135	4759648	25.425 ug/ml
14)	T n-Tetracosane (C24)	15.244	10856388	55.428 ug/ml
15)	T n-Hexacosane (C26)	16.267	4355247	22.411 ug/ml
16)	T n-Octacosane (C28)	17.219	4127213	21.311 ug/ml
17)	T n-Tricontane (C30)	18.112	4536048	22.624 ug/ml
18)	T n-Dotriacontane (C32)	18.946	4989525	25.373 ug/ml
19)	T n-Tetratriacontane (C34)	19.732	4668024	27.044 ug/ml
20)	T n-Hexatriacontane (C36)	20.476	4398266	30.405 ug/ml
21)	T n-Octatriacontane (C38)	21.225	4402942	34.982 ug/ml
22)	T n-Tetracontane (C40)	22.160	4330775	37.459 ug/ml

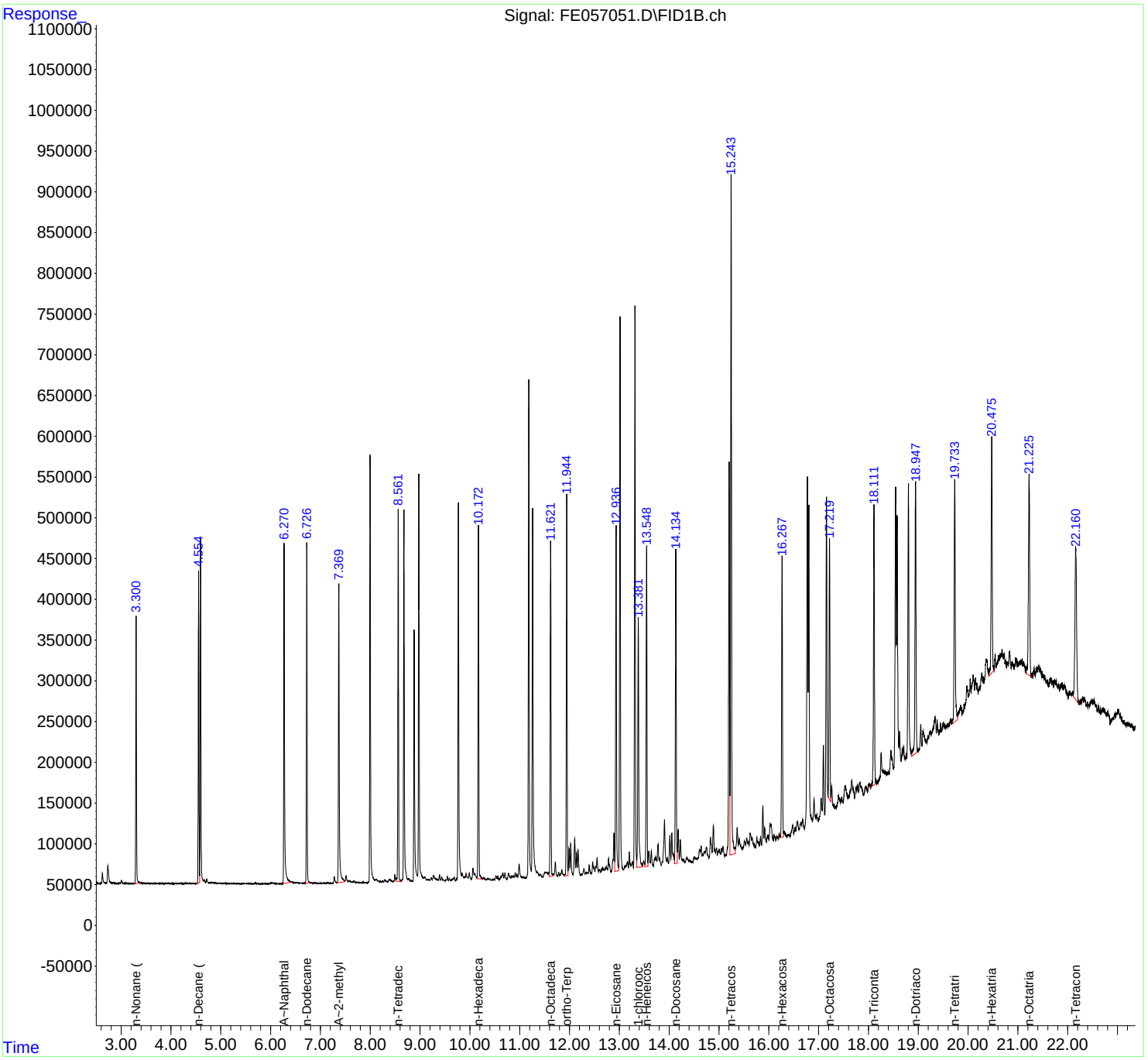
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057051.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 17:36
Operator : YP\AJ
Sample : Q3714-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
OR-03-11-24-2025MS

Integration File: sample.E
Quant Time: Nov 27 00:37:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057051.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 17:36
Sample : Q3714-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	2.624	2.558	2.704	BV	12567	173510	1.61%	0.045%
2	2.732	2.704	2.835	VV	21587	411938	3.82%	0.107%
3	2.841	2.835	2.907	VV	656	16200	0.15%	0.004%
4	2.919	2.907	2.928	VV	256	2130	0.02%	0.001%
5	2.941	2.928	2.958	VV	308	3946	0.04%	0.001%
6	3.006	2.958	3.058	VV	4237	66300	0.62%	0.017%
7	3.086	3.058	3.151	VV	485	13455	0.12%	0.004%
8	3.170	3.151	3.219	VV	227	3416	0.03%	0.001%
9	3.227	3.219	3.271	VV	94	880	0.01%	0.000%
10	3.301	3.271	3.431	PV	328674	3302621	30.66%	0.860%
11	3.446	3.431	3.492	VV	731	20278	0.19%	0.005%
12	3.515	3.492	3.533	VV	522	10858	0.10%	0.003%
13	3.543	3.533	3.571	VV	540	9151	0.08%	0.002%
14	3.584	3.571	3.596	VV	454	5376	0.05%	0.001%
15	3.614	3.596	3.625	VV	567	7537	0.07%	0.002%
16	3.633	3.625	3.659	VV	518	7690	0.07%	0.002%
17	3.674	3.659	3.725	VV	429	12263	0.11%	0.003%
18	3.749	3.725	3.790	VV	411	11950	0.11%	0.003%
19	3.829	3.790	3.874	VV	430	16847	0.16%	0.004%
20	3.905	3.874	3.913	VV	385	7669	0.07%	0.002%
21	3.934	3.913	3.971	VV	574	12819	0.12%	0.003%
22	3.993	3.971	4.047	VV	542	15517	0.14%	0.004%
23	4.097	4.047	4.109	VV	513	11526	0.11%	0.003%
24	4.126	4.109	4.151	VV	554	9422	0.09%	0.002%
25	4.162	4.151	4.174	VV	387	4451	0.04%	0.001%
26	4.203	4.174	4.232	VV	516	11628	0.11%	0.003%
27	4.242	4.232	4.260	VV	275	3687	0.03%	0.001%
28	4.293	4.260	4.318	VV	852	20368	0.19%	0.005%
29	4.324	4.318	4.351	VV	668	11422	0.11%	0.003%
30	4.367	4.351	4.407	VV	615	14777	0.14%	0.004%
31	4.445	4.407	4.477	VV	521	14677	0.14%	0.004%
32	4.497	4.477	4.518	VV	431	7890	0.07%	0.002%
33	4.555	4.518	4.575	VV	383791	3710839	34.45%	0.966%
34	4.594	4.575	4.654	VV	422448	4326898	40.16%	1.127%
35	4.669	4.654	4.697	VV	5249	87415	0.81%	0.023%
36	4.717	4.697	4.781	VV	5890	119980	1.11%	0.031%

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37	4.807	4.781	4.943	VV	1681	102592	0.95%	0.027%
38	4.956	4.943	4.976	VV	604	11162	0.10%	0.003%
39	4.994	4.976	5.032	VV	672	18166	0.17%	0.005%
40	5.041	5.032	5.048	VV	443	4179	0.04%	0.001%
41	5.064	5.048	5.125	VV	681	20941	0.19%	0.005%
42	5.138	5.125	5.210	VV	362	14603	0.14%	0.004%
43	5.232	5.210	5.290	VV	325	10619	0.10%	0.003%
44	5.309	5.290	5.325	VV	242	4162	0.04%	0.001%
45	5.332	5.325	5.340	VV	233	1975	0.02%	0.001%
46	5.351	5.340	5.426	VV	279	6732	0.06%	0.002%
47	5.468	5.426	5.491	VV	318	7223	0.07%	0.002%
48	5.536	5.491	5.548	VV	355	8055	0.07%	0.002%
49	5.568	5.548	5.628	VV	348	10106	0.09%	0.003%
50	5.636	5.628	5.672	VV	149	2134	0.02%	0.001%
51	5.696	5.672	5.728	PV	1711	23354	0.22%	0.006%
52	5.735	5.728	5.753	VV	360	4032	0.04%	0.001%
53	5.765	5.753	5.802	VV	235	3657	0.03%	0.001%
54	5.816	5.802	5.848	VV	163	3434	0.03%	0.001%
55	5.876	5.848	5.931	PV	544	9884	0.09%	0.003%
56	5.994	5.931	6.007	VV	1008	16062	0.15%	0.004%
57	6.047	6.007	6.151	VV	1208	52164	0.48%	0.014%
58	6.172	6.151	6.211	VV	288	4579	0.04%	0.001%
59	6.225	6.211	6.241	VV	289	2897	0.03%	0.001%
60	6.271	6.241	6.428	PV	415388	4786218	44.43%	1.246%
61	6.433	6.428	6.534	VV	2285	87547	0.81%	0.023%
62	6.548	6.534	6.578	VV	962	20453	0.19%	0.005%
63	6.616	6.578	6.662	VV	832	35352	0.33%	0.009%
64	6.670	6.662	6.695	VV	532	10030	0.09%	0.003%
65	6.727	6.695	6.838	VV	414625	4207772	39.06%	1.096%
66	6.851	6.838	6.862	VV	582	7441	0.07%	0.002%
67	6.878	6.862	6.901	VV	1169	16262	0.15%	0.004%
68	6.916	6.901	6.968	VV	613	13342	0.12%	0.003%
69	6.992	6.968	7.002	VV	315	4036	0.04%	0.001%
70	7.015	7.002	7.035	VV	314	3402	0.03%	0.001%
71	7.058	7.035	7.079	PV	461	7252	0.07%	0.002%
72	7.091	7.079	7.107	VV	447	4891	0.05%	0.001%
73	7.143	7.107	7.170	VV	713	14774	0.14%	0.004%
74	7.189	7.170	7.215	VV	388	6593	0.06%	0.002%
75	7.232	7.215	7.243	VV	343	3535	0.03%	0.001%
76	7.279	7.243	7.333	VV	8280	127868	1.19%	0.033%
77	7.370	7.333	7.492	VV	363365	4445783	41.27%	1.158%
78	7.515	7.492	7.557	VV	9259	178465	1.66%	0.046%
79	7.576	7.557	7.638	VV	2957	101432	0.94%	0.026%
80	7.676	7.638	7.704	VV	2995	66338	0.62%	0.017%
81	7.741	7.704	7.752	VV	898	20519	0.19%	0.005%
82	7.763	7.752	7.826	VV	801	19472	0.18%	0.005%
83	7.854	7.826	7.891	VV	1332	20267	0.19%	0.005%
84	7.899	7.891	7.925	VV	384	4759	0.04%	0.001%
85	8.121	8.098	8.191	VV	3928	145925	1.35%	0.038%
86	8.203	8.191	8.225	VV	1384	23883	0.22%	0.006%
87	8.251	8.225	8.266	VV	1768	31754	0.29%	0.008%
88	8.290	8.266	8.338	VV	3355	82454	0.77%	0.021%
89	8.381	8.338	8.455	VV	3789	143033	1.33%	0.037%

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90	8.494	8.455	8.511	VV	9447	133423	1.24%	0.035%
91	8.524	8.511	8.533	VV	5461	59925	0.56%	0.016%
92	8.561	8.533	8.625	VV	456008	4617081	42.86%	1.202%
93	8.676	8.625	8.757	VV	453946	5258198	48.81%	1.369%
94	8.772	8.757	8.801	VV	4224	77250	0.72%	0.020%
95	8.810	8.801	8.853	VV	1863	39080	0.36%	0.010%
96	8.975	8.947	9.072	VV	499994	5595902	51.94%	1.457%
97	9.098	9.072	9.135	VV	5686	155992	1.45%	0.041%
98	9.150	9.135	9.162	VV	2293	35552	0.33%	0.009%
99	9.173	9.162	9.197	VV	2272	40313	0.37%	0.010%
100	9.222	9.197	9.243	VV	5036	86864	0.81%	0.023%
101	9.269	9.243	9.371	VV	7647	280339	2.60%	0.073%
102	9.391	9.371	9.416	VV	8081	113663	1.06%	0.030%
103	9.435	9.416	9.496	VV	5399	107556	1.00%	0.028%
104	9.514	9.496	9.527	VV	1132	15929	0.15%	0.004%
105	9.548	9.527	9.569	VV	5898	73599	0.68%	0.019%
106	9.587	9.569	9.615	VV	3769	55179	0.51%	0.014%
107	9.645	9.615	9.656	VV	2218	36140	0.34%	0.009%
108	9.685	9.656	9.712	VV	4950	87806	0.82%	0.023%
109	9.732	9.712	9.741	VV	2478	26045	0.24%	0.007%
110	9.769	9.741	9.832	VV	458819	5337947	49.55%	1.390%
111	9.847	9.832	9.880	VV	9118	190616	1.77%	0.050%
112	9.894	9.880	9.905	VV	4913	65315	0.61%	0.017%
113	9.925	9.905	9.966	VV	8502	193067	1.79%	0.050%
114	9.987	9.966	10.029	VV	8860	179568	1.67%	0.047%
115	10.062	10.029	10.085	VV	15360	265537	2.46%	0.069%
116	10.099	10.085	10.141	VV	9023	202136	1.88%	0.053%
117	10.173	10.141	10.248	VV	433354	4895891	45.45%	1.275%
118	10.283	10.248	10.325	VV	2718	93656	0.87%	0.024%
119	10.355	10.325	10.383	VV	2250	51724	0.48%	0.013%
120	10.399	10.383	10.425	VV	1451	20914	0.19%	0.005%
121	10.448	10.425	10.458	PV	657	6608	0.06%	0.002%
122	10.475	10.458	10.496	VV	880	13998	0.13%	0.004%
123	10.523	10.496	10.543	VV	4457	75012	0.70%	0.020%
124	10.560	10.543	10.588	VV	3901	63266	0.59%	0.016%
125	10.625	10.588	10.637	VV	4186	62532	0.58%	0.016%
126	10.663	10.637	10.684	VV	7644	141959	1.32%	0.037%
127	10.704	10.684	10.738	VV	7776	118258	1.10%	0.031%
128	10.777	10.738	10.818	VV	7422	152266	1.41%	0.040%
129	10.837	10.818	10.854	VV	3726	57014	0.53%	0.015%
130	10.871	10.854	10.888	VV	3728	56348	0.52%	0.015%
131	10.913	10.888	10.929	VV	7133	104920	0.97%	0.027%
132	10.945	10.929	10.961	VV	5283	70594	0.66%	0.018%
133	10.989	10.961	11.041	VV	17531	328129	3.05%	0.085%
134	11.051	11.041	11.067	VV	1664	21205	0.20%	0.006%
135	11.081	11.067	11.099	VV	2254	21624	0.20%	0.006%
136	11.183	11.099	11.232	VV	615807	7011399	65.08%	1.826%
137	11.259	11.232	11.405	VV	448760	5831031	54.13%	1.518%
138	11.421	11.405	11.465	VV	3923	67285	0.62%	0.018%
139	11.529	11.465	11.565	VV	5838	252771	2.35%	0.066%
140	11.581	11.565	11.590	VV	5454	66682	0.62%	0.017%
141	11.620	11.590	11.658	VV	414295	4761603	44.20%	1.240%

142	11.669	11.658	11.688	VV	3408	51239	0.48%	0.013%
143	11.715	11.688	11.760	VV	17844	270556	2.51%	0.070%
144	11.782	11.760	11.802	VV	4892	59452	0.55%	0.015%
145	11.846	11.802	11.890	VV	7835	160187	1.49%	0.042%
146	11.944	11.890	11.971	VV	468728	5160519	47.90%	1.344%
147	11.991	11.971	12.007	VV	33440	423951	3.94%	0.110%
148	12.024	12.007	12.069	VV	38735	527167	4.89%	0.137%
149	12.103	12.069	12.124	VV	44942	658631	6.11%	0.171%
150	12.140	12.124	12.155	VV	27116	333472	3.10%	0.087%
151	12.172	12.155	12.218	VV	30626	459664	4.27%	0.120%
152	12.234	12.218	12.248	PV	467	6354	0.06%	0.002%
153	12.288	12.248	12.314	VV	7587	119607	1.11%	0.031%
154	12.330	12.314	12.342	VV	2105	23362	0.22%	0.006%
155	12.353	12.342	12.373	VV	1827	29312	0.27%	0.008%
156	12.394	12.373	12.441	VV	10971	167490	1.55%	0.044%
157	12.465	12.441	12.482	VV	14494	182908	1.70%	0.048%
158	12.491	12.482	12.508	VV	8373	95439	0.89%	0.025%
159	12.552	12.508	12.586	VV	19107	394095	3.66%	0.103%
160	12.607	12.586	12.626	VV	4409	70057	0.65%	0.018%
161	12.645	12.626	12.655	VV	4848	60105	0.56%	0.016%
162	12.669	12.655	12.701	VV	5880	114093	1.06%	0.030%
163	12.739	12.701	12.764	VV	6889	185009	1.72%	0.048%
164	12.783	12.764	12.838	VV	16286	302680	2.81%	0.079%
165	12.892	12.838	12.908	PV	47344	751791	6.98%	0.196%
166	12.935	12.908	12.983	VV	423673	5223010	48.48%	1.360%
167	13.015	12.983	13.087	VV	680997	8061650	74.83%	2.099%
168	13.108	13.087	13.121	VV	5514	70251	0.65%	0.018%
169	13.136	13.121	13.144	VV	6176	67298	0.62%	0.018%
170	13.164	13.144	13.183	VV	10798	170618	1.58%	0.044%
171	13.201	13.183	13.239	VV	21972	340557	3.16%	0.089%
172	13.260	13.239	13.281	VV	8688	162888	1.51%	0.042%
173	13.314	13.281	13.350	VV	691162	7862257	72.98%	2.047%
174	13.381	13.350	13.468	VV	309065	4306268	39.97%	1.121%
175	13.491	13.468	13.510	VV	8932	166623	1.55%	0.043%
176	13.547	13.510	13.573	VV	394860	4705799	43.68%	1.225%
177	13.592	13.573	13.621	VV	20176	356597	3.31%	0.093%
178	13.643	13.621	13.680	VV	20238	316201	2.94%	0.082%
179	13.706	13.680	13.714	VV	10208	131505	1.22%	0.034%
180	13.729	13.714	13.753	VV	11463	222482	2.07%	0.058%
181	13.777	13.753	13.798	VV	27067	435170	4.04%	0.113%
182	13.809	13.798	13.841	VV	9432	149084	1.38%	0.039%
183	13.906	13.841	13.950	VV	55855	1167420	10.84%	0.304%
184	13.967	13.950	13.986	VV	9032	129430	1.20%	0.034%
185	14.014	13.986	14.035	VV	36091	494006	4.59%	0.129%
186	14.054	14.035	14.104	VV	38953	735937	6.83%	0.192%
187	14.135	14.104	14.163	VV	385661	4793567	44.50%	1.248%
188	14.182	14.163	14.205	VV	41939	590570	5.48%	0.154%
189	14.225	14.205	14.271	VV	29257	489111	4.54%	0.127%
190	14.281	14.271	14.322	VV	4586	85615	0.79%	0.022%
191	14.351	14.322	14.397	VV	6737	176986	1.64%	0.046%
192	14.409	14.397	14.451	VV	2685	48598	0.45%	0.013%
193	14.462	14.451	14.474	VV	983	8803	0.08%	0.002%
194	14.498	14.474	14.507	PV	5487	68167	0.63%	0.018%

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195	14.516	14.507	14.534	VV	5727	73979	0.69%	0.019%
196	14.546	14.534	14.565	VV	3768	54428	0.51%	0.014%
197	14.576	14.565	14.583	VV	4269	41674	0.39%	0.011%
198	14.615	14.583	14.627	VV	13731	270262	2.51%	0.070%
199	14.643	14.627	14.662	VV	17666	261853	2.43%	0.068%
200	14.671	14.662	14.682	VV	8340	85497	0.79%	0.022%
201	14.748	14.682	14.801	VV	15136	604867	5.61%	0.157%
202	14.829	14.801	14.862	VV	26248	532487	4.94%	0.139%
203	14.888	14.862	14.932	VV	39800	774136	7.19%	0.202%
204	14.950	14.932	14.969	VV	12148	198530	1.84%	0.052%
205	15.004	14.969	15.030	VV	9675	250400	2.32%	0.065%
206	15.051	15.030	15.064	VV	9841	150605	1.40%	0.039%
207	15.082	15.064	15.114	VV	12546	207637	1.93%	0.054%
208	15.126	15.114	15.144	VV	1819	18528	0.17%	0.005%
209	15.204	15.144	15.221	PV	481186	5999454	55.69%	1.562%
210	15.244	15.221	15.308	VV	832757	10772811	100.00%	2.805%
211	15.318	15.308	15.331	VV	7098	91566	0.85%	0.024%
212	15.365	15.331	15.387	VV	30454	551045	5.12%	0.143%
213	15.407	15.387	15.468	VV	16244	447659	4.16%	0.117%
214	15.511	15.468	15.535	VV	11853	301982	2.80%	0.079%
215	15.556	15.535	15.575	VV	14698	270048	2.51%	0.070%
216	15.588	15.575	15.604	VV	10772	151532	1.41%	0.039%
217	15.628	15.604	15.654	VV	19654	426894	3.96%	0.111%
218	15.665	15.654	15.735	VV	14495	320891	2.98%	0.084%
219	15.760	15.735	15.780	PV	12078	171923	1.60%	0.045%
220	15.790	15.780	15.815	VV	6494	94414	0.88%	0.025%
221	15.834	15.815	15.854	VV	10363	134248	1.25%	0.035%
222	15.880	15.854	15.902	VV	48693	653456	6.07%	0.170%
223	15.918	15.902	15.952	VV	20604	331812	3.08%	0.086%
224	15.983	15.952	16.005	VV	10204	236740	2.20%	0.062%
225	16.033	16.005	16.095	VV	22058	728577	6.76%	0.190%
226	16.108	16.095	16.145	VV	7942	140163	1.30%	0.036%
227	16.165	16.145	16.186	VV	4606	83829	0.78%	0.022%
228	16.209	16.186	16.228	VV	6378	107028	0.99%	0.028%
229	16.267	16.228	16.295	VV	348187	4448525	41.29%	1.158%
230	16.307	16.295	16.362	VV	8658	197308	1.83%	0.051%
231	16.383	16.362	16.395	VV	3181	41819	0.39%	0.011%
232	16.412	16.395	16.428	VV	1706	27035	0.25%	0.007%
233	16.478	16.428	16.502	PV	12078	252499	2.34%	0.066%
234	16.528	16.502	16.538	VV	6013	96023	0.89%	0.025%
235	16.571	16.538	16.610	VV	14180	377865	3.51%	0.098%
236	16.647	16.610	16.660	VV	11360	235305	2.18%	0.061%
237	16.684	16.660	16.713	VV	13262	278561	2.59%	0.073%
238	16.775	16.713	16.789	VV	427631	6004596	55.74%	1.564%
239	16.804	16.789	16.877	VV	396579	5284100	49.05%	1.376%
240	16.908	16.877	16.985	VV	32795	897835	8.33%	0.234%
241	17.051	16.985	17.071	VV	29316	699608	6.49%	0.182%
242	17.096	17.071	17.123	VV	94500	1297397	12.04%	0.338%
243	17.159	17.123	17.190	VV	396112	5636683	52.32%	1.468%
244	17.219	17.190	17.247	VV	341710	4948565	45.94%	1.289%
245	17.262	17.247	17.295	VV	39062	771790	7.16%	0.201%
246	17.302	17.295	17.325	VV	15866	248466	2.31%	0.065%

247	17.342	17.325	17.351	VV	11744	177196	1.64%	0.046%
248	17.399	17.351	17.442	VV	24017	929753	8.63%	0.242%
249	17.465	17.442	17.481	VV	19181	402231	3.73%	0.105%
250	17.533	17.481	17.601	VV	32428	1590923	14.77%	0.414%
251	17.665	17.601	17.724	VV	35484	1728915	16.05%	0.450%
252	17.749	17.724	17.765	VV	24550	506420	4.70%	0.132%
253	17.786	17.765	17.801	VV	26107	499507	4.64%	0.130%
254	17.829	17.801	17.911	VV	27930	1345507	12.49%	0.350%
255	17.945	17.911	17.982	VV	20686	724141	6.72%	0.189%
256	18.015	17.982	18.037	VV	22423	629281	5.84%	0.164%
257	18.112	18.037	18.171	VV	359258	6050459	56.16%	1.575%
258	18.255	18.171	18.297	VV	53717	2215207	20.56%	0.577%
259	18.311	18.297	18.324	VV	30347	470643	4.37%	0.123%
260	18.340	18.324	18.369	VV	28815	723146	6.71%	0.188%
261	18.399	18.369	18.417	VV	27161	720443	6.69%	0.188%
262	18.452	18.417	18.504	VV	51908	1974713	18.33%	0.514%
263	18.546	18.504	18.561	VV	369533	5823764	54.06%	1.516%
264	18.576	18.561	18.611	VV	338366	5375653	49.90%	1.400%
265	18.625	18.611	18.657	VV	68996	1409984	13.09%	0.367%
266	18.679	18.657	18.691	VV	47963	846599	7.86%	0.220%
267	18.708	18.691	18.731	VV	50237	1008536	9.36%	0.263%
268	18.802	18.731	18.868	VV	365954	7719355	71.66%	2.010%
269	18.946	18.868	18.983	VV	368587	7368383	68.40%	1.919%
270	19.050	18.983	19.074	VV	67649	2460160	22.84%	0.641%
271	19.095	19.074	19.177	VV	58118	3021383	28.05%	0.787%
272	19.193	19.177	19.210	VV	49541	940014	8.73%	0.245%
273	19.246	19.210	19.256	VV	54406	1437414	13.34%	0.374%
274	19.336	19.256	19.363	VV	70022	3714060	34.48%	0.967%
275	19.380	19.363	19.415	VV	64261	1647338	15.29%	0.429%
276	19.426	19.415	19.431	VV	50687	465036	4.32%	0.121%
277	19.448	19.431	19.467	VV	57898	1120604	10.40%	0.292%
278	19.505	19.467	19.519	VV	58100	1673067	15.53%	0.436%
279	19.533	19.519	19.546	VV	55148	863157	8.01%	0.225%
280	19.564	19.546	19.581	VV	53015	1078112	10.01%	0.281%
281	19.657	19.581	19.671	VV	58908	2913423	27.04%	0.759%
282	19.732	19.671	19.788	VV	349974	8368527	77.68%	2.179%
283	19.849	19.788	19.858	VV	69375	2670050	24.79%	0.695%
284	19.864	19.858	19.875	VV	66504	669736	6.22%	0.174%
285	19.884	19.875	19.898	VV	60583	807886	7.50%	0.210%
286	19.919	19.898	19.931	VV	69190	1284797	11.93%	0.335%
287	19.976	19.931	20.004	VV	90485	3413722	31.69%	0.889%
288	20.043	20.004	20.060	VV	95022	2832193	26.29%	0.737%
289	20.102	20.060	20.131	VV	100555	3851775	35.75%	1.003%
290	20.150	20.131	20.202	VV	94900	3649386	33.88%	0.950%
291	20.233	20.202	20.240	VV	81867	1846795	17.14%	0.481%
292	20.274	20.240	20.291	VV	98200	2761408	25.63%	0.719%
293	20.308	20.291	20.325	VV	92617	1776251	16.49%	0.463%
294	20.365	20.325	20.416	VV	113351	5611480	52.09%	1.461%
295	20.476	20.416	20.523	VV	383095	10390579	96.45%	2.706%
296	20.544	20.523	20.565	VV	113918	2577966	23.93%	0.671%
297	20.618	20.565	20.631	VV	110707	4188305	38.88%	1.091%
298	20.683	20.631	20.741	VV	116552	7191923	66.76%	1.873%
299	20.753	20.741	20.769	VV	101135	1658798	15.40%	0.432%

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300	20.782	20.769	20.805	VV	98925	2054164	19.07%	0.535%
301	20.829	20.805	20.868	VV	109438	3758712	34.89%	0.979%
302	20.876	20.868	20.903	VV	95719	1947506	18.08%	0.507%
303	20.911	20.903	20.933	VV	92177	1642652	15.25%	0.428%
304	20.961	20.933	21.011	VV	98956	4350409	40.38%	1.133%
305	21.047	21.011	21.058	VV	92368	2547138	23.64%	0.663%
306	21.076	21.058	21.108	VV	92908	2703412	25.09%	0.704%
307	21.114	21.108	21.164	VV	89526	2779984	25.81%	0.724%
308	21.175	21.164	21.186	VV	82141	1088900	10.11%	0.284%
309	21.225	21.186	21.266	VV	318203	7666996	71.17%	1.996%
310	21.284	21.266	21.298	VV	70858	1312900	12.19%	0.342%
311	21.325	21.298	21.351	VV	76348	2270831	21.08%	0.591%
312	21.371	21.351	21.395	VV	77029	1884294	17.49%	0.491%
313	21.414	21.395	21.435	VV	75700	1780234	16.53%	0.464%
314	21.445	21.435	21.503	VV	73449	2772008	25.73%	0.722%
315	21.519	21.503	21.588	VV	61781	2942504	27.31%	0.766%
316	21.594	21.588	21.616	VV	54316	850068	7.89%	0.221%
317	21.642	21.616	21.651	VV	54515	1068213	9.92%	0.278%
318	21.667	21.651	21.679	VV	55634	895172	8.31%	0.233%
319	21.686	21.679	21.715	VV	50719	1029541	9.56%	0.268%
320	21.740	21.715	21.754	VV	50756	1137077	10.56%	0.296%
321	21.764	21.754	21.802	VV	49937	1304631	12.11%	0.340%
322	21.821	21.802	21.835	VV	43776	796908	7.40%	0.208%
323	21.869	21.835	21.880	VV	42607	1064905	9.89%	0.277%
324	21.890	21.880	21.924	VV	42155	1051865	9.76%	0.274%
325	21.935	21.924	21.986	VV	39688	1268446	11.77%	0.330%
326	21.993	21.986	22.008	VV	27813	347052	3.22%	0.090%
327	22.039	22.008	22.071	VV	29219	987530	9.17%	0.257%
328	22.098	22.071	22.113	VV	27763	649259	6.03%	0.169%
329	22.160	22.113	22.243	VV	202061	5444668	50.54%	1.418%
330	22.257	22.243	22.270	VV	13027	185082	1.72%	0.048%
331	22.300	22.270	22.317	VV	16116	354686	3.29%	0.092%
332	22.336	22.317	22.372	VV	13214	311651	2.89%	0.081%
333	22.396	22.372	22.405	VV	5878	68804	0.64%	0.018%
334	22.422	22.405	22.431	PV	2595	23733	0.22%	0.006%

Sum of corrected areas: 384044176

Aliphatic EPH 103025.M Fri Nov 28 20:45:00 2025

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	
Project:	Saddler Property			Date Received:	
Client Sample ID:	OR-03-11-24-2025MSD			SDG No.:	Q3719
Lab Sample ID:	Q3714-01MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	98.5
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	81.9	E	1	1.20	2.03	mg/kg	FE057052.D	11/26/25 18:07	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	63.5		1	0.92	4.05	mg/kg	FE057052.D	11/26/25 18:07	PB170736
Total AliphaticEPH	Total AliphaticEPH	145			2.12	6.08	mg/kg			
Total EPH	Total EPH	145			2.12	6.08	mg/kg			

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

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

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

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

Report of Analysis

Client:	Remington & Vernick			Date Collected:	
Project:	Saddler Property			Date Received:	
Client Sample ID:	OR-03-11-24-2025MSD			SDG No.:	Q3719
Lab Sample ID:	Q3714-01MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	98.5
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	63.5		1	0.92	4.05	mg/kg	11/26/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	81.9	E	1	1.20	2.03	mg/kg	11/26/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	26.0			40 - 140	52%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	24.8			40 - 140	50%	SPK: 50		

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3714-01MSD	Acq On:	26 Nov 2025 18:07
Client Sample ID:	OR-03-11-24-2025MSD	Operator:	YP\AJ
Data file:	FE057052.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.202	6.826	21338894	124.67	300	ug/ml
Aliphatic C12-C16	6.827	10.271	33901034	189.652	200	ug/ml
Aliphatic C16-C21	10.272	13.644	52799318	283.098	300	ug/ml
Aliphatic C21-C28	13.645	17.314	66218917	343.519	400	ug/ml
Aliphatic C28-C40	17.315	22.241	193063184	1210	600	ug/ml
Aliphatic EPH	3.202	22.241	367321347	2150		ug/ml
ortho-Terphenyl (SURR)	11.945	11.945	5183163	24.81		ug/ml
1-chlorooctadecane (SURR)	13.382	13.382	4181953	25.96		ug/ml
Aliphatic C9-C28	3.202	17.314	174258163	940.939	1200	ug/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057052.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 18:07
Operator : YP\AJ
Sample : Q3714-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
OR-03-11-24-2025MSD

Integration File: sample.E
Quant Time: Nov 27 00:37:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 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	5183163	24.810 ug/ml
Spiked Amount	50.000		Recovery =	49.62%
12) S	1-chlorooctadecane (S...	13.382	4181953	25.956 ug/ml
Spiked Amount	50.000		Recovery =	51.91%
	Target Compounds			
1) T	n-Nonane (C9)	3.301	3256824	19.390 ug/ml
2) T	n-Decane (C10)	4.555	3692265	21.517 ug/ml
3) T	A~Naphthalene (C11.7)	6.271	4705644	25.493 ug/ml
4) T	n-Dodecane (C12)	6.727	4162837	23.934 ug/ml
5) T	A~2-methylnaphthalene...	7.371	4362335	24.615 ug/ml
6) T	n-Tetradecane (C14)	8.562	4573891	26.204 ug/ml
7) T	n-Hexadecane (C16)	10.174	4787871	26.169 ug/ml
8) T	n-Octadecane (C18)	11.622	4753226	25.113 ug/ml
10) T	n-Eicosane (C20)	12.936	5235498	28.093 ug/ml
11) T	n-Heneicosane (C21)	13.549	4670273	25.398 ug/ml
13) T	n-Docosane (C22)	14.137	4709438	25.157 ug/ml
14) T	n-Tetracosane (C24)	15.246	10766015	54.967 ug/ml
15) T	n-Hexacosane (C26)	16.268	4526613	23.292 ug/ml
16) T	n-Octacosane (C28)	17.221	4166403	21.514 ug/ml
17) T	n-Tricontane (C30)	18.113	4605709	22.972 ug/ml
18) T	n-Dotriacontane (C32)	18.947	5129625	26.085 ug/ml
19) T	n-Tetratriacontane (C34)	19.735	4590410	26.594 ug/ml
20) T	n-Hexatriacontane (C36)	20.477	4282929	29.608 ug/ml
21) T	n-Octatriacontane (C38)	21.229	4273126	33.951 ug/ml
22) T	n-Tetracontane (C40)	22.168	4497897	38.904 ug/ml

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

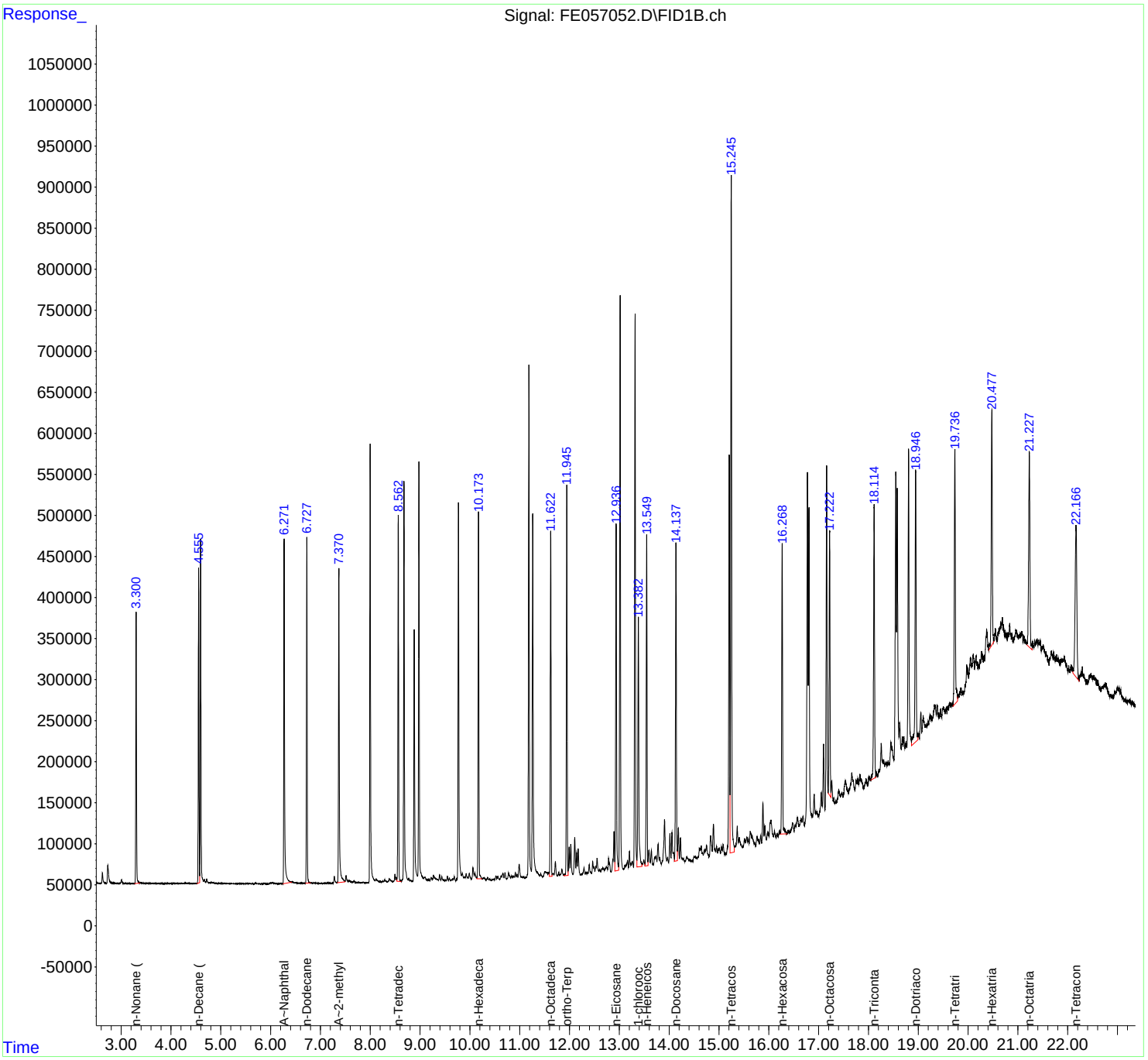
Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057052.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 18:07
Operator : YP\AJ
Sample : Q3714-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
OR-03-11-24-2025MSD

Integration File: sample.E
Quant Time: Nov 27 00:37:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
Data File : FE057052.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2025 18:07
Sample : Q3714-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.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	2.537	2.524	2.589	BV	112	1332	0.01%	0.000%
2	2.624	2.589	2.708	PV	13073	182262	1.69%	0.048%
3	2.732	2.708	2.831	VV	21974	418536	3.88%	0.111%
4	2.845	2.831	2.911	VV	715	21151	0.20%	0.006%
5	2.940	2.911	2.953	VV	343	7215	0.07%	0.002%
6	3.006	2.953	3.056	VV	4477	70651	0.66%	0.019%
7	3.078	3.056	3.139	VV	501	14513	0.13%	0.004%
8	3.169	3.139	3.219	VV	207	4798	0.04%	0.001%
9	3.235	3.219	3.265	PV	83	1470	0.01%	0.000%
10	3.301	3.265	3.433	VV	330071	3309336	30.70%	0.876%
11	3.443	3.433	3.494	VV	714	20032	0.19%	0.005%
12	3.511	3.494	3.532	VV	507	9987	0.09%	0.003%
13	3.543	3.532	3.571	VV	514	9126	0.08%	0.002%
14	3.584	3.571	3.599	VV	349	5586	0.05%	0.001%
15	3.614	3.599	3.661	VV	512	14245	0.13%	0.004%
16	3.674	3.661	3.734	VV	421	11605	0.11%	0.003%
17	3.757	3.734	3.787	VV	406	10061	0.09%	0.003%
18	3.830	3.787	3.865	VV	441	15133	0.14%	0.004%
19	3.894	3.865	3.915	VV	383	10348	0.10%	0.003%
20	3.935	3.915	3.967	VV	513	11110	0.10%	0.003%
21	3.994	3.967	4.057	VV	481	16274	0.15%	0.004%
22	4.094	4.057	4.111	VV	473	10242	0.10%	0.003%
23	4.126	4.111	4.147	VV	509	8360	0.08%	0.002%
24	4.158	4.147	4.181	VV	365	5843	0.05%	0.002%
25	4.202	4.181	4.258	VV	495	13688	0.13%	0.004%
26	4.294	4.258	4.417	VV	879	48487	0.45%	0.013%
27	4.449	4.417	4.477	VV	436	12147	0.11%	0.003%
28	4.495	4.477	4.521	VV	423	8075	0.07%	0.002%
29	4.555	4.521	4.575	VV	383795	3720675	34.52%	0.985%
30	4.595	4.575	4.654	VV	421452	4338673	40.25%	1.149%
31	4.669	4.654	4.696	VV	5167	85264	0.79%	0.023%
32	4.717	4.696	4.780	VV	5970	118018	1.09%	0.031%
33	4.805	4.780	4.944	VV	1753	102027	0.95%	0.027%
34	4.957	4.944	4.988	VV	570	14231	0.13%	0.004%
35	4.996	4.988	5.012	VV	597	8187	0.08%	0.002%
36	5.020	5.012	5.045	VV	582	9499	0.09%	0.003%

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37	5.065	5.045	5.134	VV	718	23534	0.22%	0.006%
38	5.140	5.134	5.207	VV	312	11516	0.11%	0.003%
39	5.227	5.207	5.251	VV	332	7180	0.07%	0.002%
40	5.267	5.251	5.290	VV	336	5217	0.05%	0.001%
41	5.311	5.290	5.323	VV	299	4312	0.04%	0.001%
42	5.339	5.323	5.351	VV	326	4157	0.04%	0.001%
43	5.359	5.351	5.414	VV	298	6395	0.06%	0.002%
44	5.470	5.414	5.489	VV	339	9580	0.09%	0.003%
45	5.499	5.489	5.507	VV	209	2144	0.02%	0.001%
46	5.538	5.507	5.548	VV	375	6988	0.06%	0.002%
47	5.567	5.548	5.626	VV	415	10210	0.09%	0.003%
48	5.638	5.626	5.674	VV	130	2149	0.02%	0.001%
49	5.696	5.674	5.754	PV	1713	28545	0.26%	0.008%
50	5.767	5.754	5.801	VV	185	3940	0.04%	0.001%
51	5.815	5.801	5.833	VV	254	2980	0.03%	0.001%
52	5.844	5.833	5.857	VV	148	1232	0.01%	0.000%
53	5.878	5.857	5.912	VV	482	7703	0.07%	0.002%
54	5.927	5.912	5.944	VV	126	1310	0.01%	0.000%
55	5.994	5.944	6.007	PV	1066	17579	0.16%	0.005%
56	6.022	6.007	6.031	VV	1166	14724	0.14%	0.004%
57	6.047	6.031	6.152	VV	1192	39138	0.36%	0.010%
58	6.171	6.152	6.195	VV	199	3358	0.03%	0.001%
59	6.224	6.195	6.243	VV	244	3423	0.03%	0.001%
60	6.271	6.243	6.428	PV	420107	4813428	44.65%	1.275%
61	6.433	6.428	6.487	VV	2132	55860	0.52%	0.015%
62	6.502	6.487	6.538	VV	1167	30100	0.28%	0.008%
63	6.545	6.538	6.574	VV	837	16283	0.15%	0.004%
64	6.617	6.574	6.651	VV	768	29260	0.27%	0.008%
65	6.663	6.651	6.698	VV	561	13131	0.12%	0.003%
66	6.727	6.698	6.841	VV	422286	4215789	39.11%	1.116%
67	6.852	6.841	6.864	VV	539	6471	0.06%	0.002%
68	6.879	6.864	6.901	VV	1146	15162	0.14%	0.004%
69	6.917	6.901	6.969	VV	633	11932	0.11%	0.003%
70	6.989	6.969	7.004	VV	242	2795	0.03%	0.001%
71	7.016	7.004	7.037	VV	254	2719	0.03%	0.001%
72	7.059	7.037	7.080	VV	426	6494	0.06%	0.002%
73	7.093	7.080	7.108	VV	496	4388	0.04%	0.001%
74	7.143	7.108	7.168	PV	718	13599	0.13%	0.004%
75	7.188	7.168	7.211	VV	387	6409	0.06%	0.002%
76	7.234	7.211	7.248	VV	337	4248	0.04%	0.001%
77	7.280	7.248	7.338	VV	8417	130694	1.21%	0.035%
78	7.371	7.338	7.492	VV	380688	4469268	41.46%	1.184%
79	7.515	7.492	7.557	VV	9575	178953	1.66%	0.047%
80	7.577	7.557	7.638	VV	2973	98315	0.91%	0.026%
81	7.676	7.638	7.703	VV	3105	64575	0.60%	0.017%
82	7.738	7.703	7.751	VV	776	18697	0.17%	0.005%
83	7.763	7.751	7.791	VV	820	13108	0.12%	0.003%
84	7.804	7.791	7.827	VV	299	4234	0.04%	0.001%
85	7.855	7.827	7.898	VV	1391	21389	0.20%	0.006%
86	7.908	7.898	7.941	VV	314	3265	0.03%	0.001%
87	8.120	8.096	8.191	VV	3858	146305	1.36%	0.039%
88	8.204	8.191	8.225	VV	1277	22589	0.21%	0.006%
89	8.252	8.225	8.267	VV	1734	30151	0.28%	0.008%

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90	8.291	8.267	8.338	VV	3462	81905	0.76%	0.022%
91	8.381	8.338	8.454	VV	3825	141458	1.31%	0.037%
92	8.494	8.454	8.511	VV	9818	133629	1.24%	0.035%
93	8.524	8.511	8.534	VV	5441	60847	0.56%	0.016%
94	8.562	8.534	8.624	VV	443964	4633192	42.98%	1.227%
95	8.677	8.624	8.757	VV	486799	5293645	49.11%	1.402%
96	8.773	8.757	8.853	VV	4288	116379	1.08%	0.031%
97	8.977	8.948	9.072	VV	512470	5619411	52.13%	1.488%
98	9.100	9.072	9.136	VV	5761	156041	1.45%	0.041%
99	9.150	9.136	9.164	VV	2319	36407	0.34%	0.010%
100	9.175	9.164	9.197	VV	2217	38494	0.36%	0.010%
101	9.222	9.197	9.243	VV	5128	86591	0.80%	0.023%
102	9.269	9.243	9.370	VV	7814	282021	2.62%	0.075%
103	9.392	9.370	9.417	VV	8258	117305	1.09%	0.031%
104	9.436	9.417	9.494	VV	5610	108946	1.01%	0.029%
105	9.514	9.494	9.527	VV	1063	17699	0.16%	0.005%
106	9.549	9.527	9.569	VV	6125	76108	0.71%	0.020%
107	9.587	9.569	9.615	VV	3874	56520	0.52%	0.015%
108	9.644	9.615	9.656	VV	2312	37229	0.35%	0.010%
109	9.686	9.656	9.713	VV	4977	88907	0.82%	0.024%
110	9.732	9.713	9.744	VV	2544	28847	0.27%	0.008%
111	9.771	9.744	9.832	VV	459735	5380348	49.91%	1.425%
112	9.848	9.832	9.880	VV	9116	188593	1.75%	0.050%
113	9.895	9.880	9.906	VV	4998	66725	0.62%	0.018%
114	9.925	9.906	9.966	VV	8718	195923	1.82%	0.052%
115	9.988	9.966	10.029	VV	9005	181743	1.69%	0.048%
116	10.062	10.029	10.086	VV	15911	277824	2.58%	0.074%
117	10.100	10.086	10.140	VV	9213	196457	1.82%	0.052%
118	10.174	10.140	10.248	VV	451451	4926080	45.70%	1.305%
119	10.281	10.248	10.326	VV	2789	97519	0.90%	0.026%
120	10.354	10.326	10.384	VV	2336	52422	0.49%	0.014%
121	10.398	10.384	10.429	VV	1507	22596	0.21%	0.006%
122	10.481	10.429	10.496	PV	908	23047	0.21%	0.006%
123	10.523	10.496	10.545	VV	4625	78391	0.73%	0.021%
124	10.561	10.545	10.588	VV	4101	65289	0.61%	0.017%
125	10.625	10.588	10.639	VV	4491	67260	0.62%	0.018%
126	10.664	10.639	10.686	VV	7706	143744	1.33%	0.038%
127	10.706	10.686	10.739	VV	7973	120329	1.12%	0.032%
128	10.778	10.739	10.819	VV	7723	156938	1.46%	0.042%
129	10.838	10.819	10.854	VV	3995	57297	0.53%	0.015%
130	10.871	10.854	10.888	VV	3653	58809	0.55%	0.016%
131	10.914	10.888	10.930	VV	7623	108599	1.01%	0.029%
132	10.946	10.930	10.962	VV	5536	72528	0.67%	0.019%
133	10.990	10.962	11.041	VV	17414	330982	3.07%	0.088%
134	11.053	11.041	11.068	VV	1621	22151	0.21%	0.006%
135	11.082	11.068	11.099	VV	2259	21942	0.20%	0.006%
136	11.116	11.099	11.124	PV	751	6851	0.06%	0.002%
137	11.185	11.124	11.233	VV	624562	7051546	65.42%	1.867%
138	11.261	11.233	11.406	VV	443618	5863708	54.40%	1.553%
139	11.422	11.406	11.464	VV	4250	67537	0.63%	0.018%
140	11.509	11.464	11.540	VV	6139	186129	1.73%	0.049%
141	11.549	11.540	11.566	VV	5609	75301	0.70%	0.020%

142	11.581	11.566	11.591	VV	5267	65232	0.61%	0.017%
143	11.622	11.591	11.651	VV	419356	4773088	44.28%	1.264%
144	11.671	11.651	11.688	VV	3675	64348	0.60%	0.017%
145	11.715	11.688	11.761	VV	17915	273500	2.54%	0.072%
146	11.783	11.761	11.803	VV	4884	58734	0.54%	0.016%
147	11.847	11.803	11.891	VV	8199	159981	1.48%	0.042%
148	11.945	11.891	11.972	VV	471501	5188362	48.13%	1.374%
149	11.992	11.972	12.008	VV	34742	427157	3.96%	0.113%
150	12.025	12.008	12.070	VV	37767	526469	4.88%	0.139%
151	12.104	12.070	12.125	VV	45829	661376	6.14%	0.175%
152	12.141	12.125	12.156	VV	26979	334722	3.11%	0.089%
153	12.173	12.156	12.218	VV	31837	461448	4.28%	0.122%
154	12.232	12.218	12.258	PV	436	5924	0.05%	0.002%
155	12.290	12.258	12.315	VV	8056	118384	1.10%	0.031%
156	12.331	12.315	12.351	PV	2251	30451	0.28%	0.008%
157	12.360	12.351	12.374	VV	1921	21288	0.20%	0.006%
158	12.395	12.374	12.440	VV	11121	168471	1.56%	0.045%
159	12.466	12.440	12.482	VV	14896	180971	1.68%	0.048%
160	12.491	12.482	12.509	VV	8359	100601	0.93%	0.027%
161	12.529	12.509	12.536	VV	8329	105852	0.98%	0.028%
162	12.553	12.536	12.584	VV	18409	276272	2.56%	0.073%
163	12.608	12.584	12.627	VV	4222	77239	0.72%	0.020%
164	12.646	12.627	12.656	VV	5206	62365	0.58%	0.017%
165	12.670	12.656	12.701	VV	6046	116315	1.08%	0.031%
166	12.739	12.701	12.768	VV	7074	194774	1.81%	0.052%
167	12.785	12.768	12.834	VV	16843	302823	2.81%	0.080%
168	12.893	12.834	12.909	PV	48965	760894	7.06%	0.201%
169	12.936	12.909	12.983	VV	422124	5250239	48.71%	1.390%
170	13.016	12.983	13.088	VV	708512	8101464	75.16%	2.145%
171	13.110	13.088	13.123	VV	5855	77099	0.72%	0.020%
172	13.165	13.123	13.184	VV	11454	243780	2.26%	0.065%
173	13.203	13.184	13.241	VV	22261	348362	3.23%	0.092%
174	13.262	13.241	13.283	VV	9354	173266	1.61%	0.046%
175	13.316	13.283	13.351	VV	665887	7902607	73.31%	2.093%
176	13.382	13.351	13.461	VV	303698	4318516	40.06%	1.144%
177	13.493	13.461	13.511	VV	9471	195732	1.82%	0.052%
178	13.549	13.511	13.574	VV	398706	4736584	43.94%	1.254%
179	13.593	13.574	13.621	VV	20253	363042	3.37%	0.096%
180	13.643	13.621	13.682	VV	19791	327549	3.04%	0.087%
181	13.709	13.682	13.717	VV	10441	143588	1.33%	0.038%
182	13.732	13.717	13.754	VV	11814	221412	2.05%	0.059%
183	13.778	13.754	13.801	VV	26267	443466	4.11%	0.117%
184	13.811	13.801	13.843	VV	9597	153893	1.43%	0.041%
185	13.907	13.843	13.952	VV	55594	1187373	11.01%	0.314%
186	13.968	13.952	13.988	VV	8814	132777	1.23%	0.035%
187	14.016	13.988	14.036	VV	37139	500199	4.64%	0.132%
188	14.056	14.036	14.106	VV	38626	749776	6.96%	0.199%
189	14.137	14.106	14.166	VV	390767	4823713	44.75%	1.277%
190	14.184	14.166	14.207	VV	42875	591305	5.49%	0.157%
191	14.226	14.207	14.271	VV	30559	488631	4.53%	0.129%
192	14.284	14.271	14.318	VV	5089	89167	0.83%	0.024%
193	14.354	14.318	14.400	VV	6406	182938	1.70%	0.048%
194	14.413	14.400	14.447	VV	2888	43335	0.40%	0.011%

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195	14.463	14.447	14.475	VV	1361	13804	0.13%	0.004%
196	14.498	14.475	14.508	PV	5400	67298	0.62%	0.018%
197	14.518	14.508	14.537	VV	5218	73906	0.69%	0.020%
198	14.548	14.537	14.564	VV	3695	49253	0.46%	0.013%
199	14.612	14.564	14.628	VV	13393	311878	2.89%	0.083%
200	14.644	14.628	14.683	VV	16728	345681	3.21%	0.092%
201	14.705	14.683	14.720	VV	9833	187282	1.74%	0.050%
202	14.750	14.720	14.798	VV	15600	391475	3.63%	0.104%
203	14.831	14.798	14.864	VV	26340	533832	4.95%	0.141%
204	14.889	14.864	14.933	VV	39931	755393	7.01%	0.200%
205	14.951	14.933	14.971	VV	11796	187473	1.74%	0.050%
206	15.007	14.971	15.031	VV	9462	225111	2.09%	0.060%
207	15.051	15.031	15.066	VV	10072	143360	1.33%	0.038%
208	15.084	15.066	15.114	VV	11942	181060	1.68%	0.048%
209	15.127	15.114	15.144	VV	882	7375	0.07%	0.002%
210	15.205	15.144	15.223	PV	482255	6001129	55.67%	1.589%
211	15.246	15.223	15.311	VV	820356	10779633	100.00%	2.855%
212	15.366	15.311	15.388	VV	30053	608953	5.65%	0.161%
213	15.407	15.388	15.477	VV	15877	465531	4.32%	0.123%
214	15.513	15.477	15.535	VV	12915	283409	2.63%	0.075%
215	15.558	15.535	15.576	VV	14314	270060	2.51%	0.072%
216	15.589	15.576	15.605	VV	11074	154467	1.43%	0.041%
217	15.629	15.605	15.654	VV	19764	426093	3.95%	0.113%
218	15.666	15.654	15.708	VV	13881	297573	2.76%	0.079%
219	15.717	15.708	15.735	VV	5142	53783	0.50%	0.014%
220	15.764	15.735	15.784	PV	11738	197448	1.83%	0.052%
221	15.794	15.784	15.814	VV	7343	91577	0.85%	0.024%
222	15.837	15.814	15.855	VV	10923	143309	1.33%	0.038%
223	15.882	15.855	15.904	VV	49502	673328	6.25%	0.178%
224	15.921	15.904	15.953	VV	19927	338305	3.14%	0.090%
225	15.987	15.953	16.004	VV	10339	247007	2.29%	0.065%
226	16.042	16.004	16.093	VV	24119	760111	7.05%	0.201%
227	16.114	16.093	16.141	VV	9382	160041	1.48%	0.042%
228	16.164	16.141	16.188	VV	5227	93442	0.87%	0.025%
229	16.211	16.188	16.229	VV	6053	109011	1.01%	0.029%
230	16.268	16.229	16.371	VV	355951	4672736	43.35%	1.237%
231	16.388	16.371	16.401	VV	3588	34079	0.32%	0.009%
232	16.418	16.401	16.430	VV	1168	12691	0.12%	0.003%
233	16.477	16.430	16.507	PV	10735	236867	2.20%	0.063%
234	16.576	16.507	16.605	PV	13067	409734	3.80%	0.109%
235	16.647	16.605	16.663	VV	10349	218017	2.02%	0.058%
236	16.688	16.663	16.716	VV	12068	227183	2.11%	0.060%
237	16.777	16.716	16.792	VV	419288	5998739	55.65%	1.589%
238	16.807	16.792	16.880	VV	385916	5163816	47.90%	1.367%
239	16.911	16.880	16.951	VV	31322	615212	5.71%	0.163%
240	16.967	16.951	17.003	VV	8731	177279	1.64%	0.047%
241	17.053	17.003	17.073	VV	29036	550437	5.11%	0.146%
242	17.099	17.073	17.128	VV	86638	1242853	11.53%	0.329%
243	17.162	17.128	17.192	VV	419486	5542881	51.42%	1.468%
244	17.221	17.192	17.249	VV	343972	4871161	45.19%	1.290%
245	17.264	17.249	17.292	VV	36835	662747	6.15%	0.176%
246	17.304	17.292	17.321	VV	14461	202521	1.88%	0.054%

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247	17.404	17.321	17.444	VV	21326	900274	8.35%	0.238%
248	17.467	17.444	17.489	VV	16003	366620	3.40%	0.097%
249	17.540	17.489	17.598	VV	27188	1213030	11.25%	0.321%
250	17.667	17.598	17.728	VV	32830	1541213	14.30%	0.408%
251	17.750	17.728	17.770	VV	20247	437205	4.06%	0.116%
252	17.786	17.770	17.804	VV	23130	384900	3.57%	0.102%
253	17.830	17.804	17.911	VV	25553	1046952	9.71%	0.277%
254	17.948	17.911	17.982	VV	17216	513670	4.77%	0.136%
255	18.014	17.982	18.044	VV	18405	512169	4.75%	0.136%
256	18.113	18.044	18.178	VV	346636	5688491	52.77%	1.506%
257	18.215	18.178	18.223	VV	19283	450333	4.18%	0.119%
258	18.257	18.223	18.298	VV	49827	1381138	12.81%	0.366%
259	18.307	18.298	18.324	VV	28996	404449	3.75%	0.107%
260	18.352	18.324	18.371	VV	24260	640812	5.94%	0.170%
261	18.395	18.371	18.414	VV	23976	549089	5.09%	0.145%
262	18.451	18.414	18.507	VV	45676	1809497	16.79%	0.479%
263	18.549	18.507	18.564	VV	372015	5735787	53.21%	1.519%
264	18.578	18.564	18.612	VV	349903	5212088	48.35%	1.380%
265	18.627	18.612	18.657	VV	63592	1302699	12.08%	0.345%
266	18.681	18.657	18.695	VV	44579	883454	8.20%	0.234%
267	18.710	18.695	18.733	VV	44166	849214	7.88%	0.225%
268	18.754	18.733	18.770	VV	36235	719717	6.68%	0.191%
269	18.806	18.770	18.863	VV	385726	6653070	61.72%	1.762%
270	18.947	18.863	18.994	VV	361100	7483316	69.42%	1.982%
271	19.009	18.994	19.023	VV	38685	619124	5.74%	0.164%
272	19.051	19.023	19.072	VV	62489	1405591	13.04%	0.372%
273	19.099	19.072	19.187	VV	57120	3177690	29.48%	0.842%
274	19.201	19.187	19.210	VV	45099	601166	5.58%	0.159%
275	19.239	19.210	19.258	VV	53211	1425802	13.23%	0.378%
276	19.272	19.258	19.284	VV	51319	773840	7.18%	0.205%
277	19.326	19.284	19.362	VV	63147	2615150	24.26%	0.693%
278	19.380	19.362	19.411	VV	59667	1566007	14.53%	0.415%
279	19.446	19.411	19.469	VV	54134	1657393	15.38%	0.439%
280	19.505	19.469	19.538	VV	54943	2103383	19.51%	0.557%
281	19.565	19.538	19.577	VV	51358	1153876	10.70%	0.306%
282	19.632	19.577	19.642	VV	55464	2009489	18.64%	0.532%
283	19.659	19.642	19.671	VV	54746	914465	8.48%	0.242%
284	19.735	19.671	19.789	VV	360056	8257023	76.60%	2.187%
285	19.855	19.789	19.878	VV	66208	3246097	30.11%	0.860%
286	19.897	19.878	19.921	VV	61891	1552749	14.40%	0.411%
287	19.974	19.921	19.991	VV	89452	3088605	28.65%	0.818%
288	20.000	19.991	20.013	VV	87044	1086013	10.07%	0.288%
289	20.048	20.013	20.080	VV	97912	3542492	32.86%	0.938%
290	20.103	20.080	20.130	VV	100417	2768214	25.68%	0.733%
291	20.160	20.130	20.201	VV	95679	3693947	34.27%	0.978%
292	20.238	20.201	20.253	VV	88919	2602647	24.14%	0.689%
293	20.270	20.253	20.303	VV	98540	2761631	25.62%	0.731%
294	20.322	20.303	20.331	VV	88995	1458036	13.53%	0.386%
295	20.374	20.331	20.410	VV	121144	4997219	46.36%	1.323%
296	20.424	20.410	20.441	VV	102605	1859001	17.25%	0.492%
297	20.477	20.441	20.523	VV	386379	9105788	84.47%	2.411%
298	20.549	20.523	20.587	VV	116755	4177209	38.75%	1.106%
299	20.654	20.587	20.667	VV	120175	5376331	49.87%	1.424%

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300	20.688	20.667	20.734	VV	124706	4636259	43.01%	1.228%
301	20.741	20.734	20.787	VV	107629	3197659	29.66%	0.847%
302	20.836	20.787	20.869	VV	112696	5056150	46.90%	1.339%
303	20.884	20.869	20.904	VV	99806	1956783	18.15%	0.518%
304	20.958	20.904	21.013	VV	101797	6276021	58.22%	1.662%
305	21.030	21.013	21.044	VV	94467	1736164	16.11%	0.460%
306	21.082	21.044	21.106	VV	95009	3430718	31.83%	0.909%
307	21.123	21.106	21.141	VV	89277	1768175	16.40%	0.468%
308	21.148	21.141	21.178	VV	85012	1784826	16.56%	0.473%
309	21.229	21.178	21.319	VV	311776	10419785	96.66%	2.759%
310	21.341	21.319	21.351	VV	75505	1396570	12.96%	0.370%
311	21.387	21.351	21.400	VV	76907	2165210	20.09%	0.573%
312	21.414	21.400	21.488	VV	74573	3624691	33.63%	0.960%
313	21.508	21.488	21.552	VV	66123	2342840	21.73%	0.620%
314	21.566	21.552	21.624	VV	56474	2095602	19.44%	0.555%
315	21.672	21.624	21.707	VV	53001	2368360	21.97%	0.627%
316	21.718	21.707	21.745	VV	50992	1016334	9.43%	0.269%
317	21.774	21.745	21.798	VV	46256	1316980	12.22%	0.349%
318	21.811	21.798	21.840	VV	40969	927542	8.60%	0.246%
319	21.850	21.840	21.913	VV	37382	1544385	14.33%	0.409%
320	21.934	21.913	21.964	VV	39403	1044589	9.69%	0.277%
321	21.973	21.964	22.008	VV	30256	608305	5.64%	0.161%
322	22.021	22.008	22.043	VV	24939	410955	3.81%	0.109%
323	22.071	22.043	22.104	VV	23905	695649	6.45%	0.184%
324	22.168	22.104	22.230	VV	189105	4967467	46.08%	1.315%
325	22.272	22.230	22.279	PV	3912	67130	0.62%	0.018%

Sum of corrected areas: 377615804

Aliphatic EPH 103025.M Fri Nov 28 20:49:30 2025

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

Manual Integration Report

Sequence:	FE103025AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3485-01	FE056583.D	ortho-Terphenyl (SURR)	rahul	10/31/2025 4:28:28 PM	yogesh	10/31/2025 4:28:57	Peak Integrated by Software
Q3485-02	FE056584.D	1-chlorooctadecane (SURR)	rahul	10/31/2025 4:28:31 PM	yogesh	10/31/2025 4:28:58	Peak Integrated by Software
Q3485-02	FE056584.D	ortho-Terphenyl (SURR)	rahul	10/31/2025 4:28:31 PM	yogesh	10/31/2025 4:28:58	Peak Integrated by Software
Q3490-01	FE056595.D	ortho-Terphenyl (SURR)	rahul	10/31/2025 4:28:34 PM	yogesh	10/31/2025 4:29:00	Peak Integrated by Software

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Manual Integration Report

Sequence:	FE112625AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3721-01	FE057061.D	ortho-Terphenyl (SURR)	rahul	12/1/2025 10:44:56 AM	mohammad	12/2/2025 12:49:00	Peak Integrated by Software
Q3721-02	FE057062.D	ortho-Terphenyl (SURR)	rahul	12/1/2025 10:44:58 AM	mohammad	12/2/2025 12:49:00	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE057064.D	n-Tetracontane (C40)	rahul	12/1/2025 9:03:47 AM	mohammad	12/2/2025 12:49:00	Peak Integrated by Software

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Manual Integration Report

Sequence:	FE112725AL	Instrument	FID_e

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

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Manual Integration Report

Sequence:	FE120125AL	Instrument	FID_e

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

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Fax : 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE103025AL

Review By	yogesh	Review On	10/30/2025 10:43:15 AM		
Supervise By	Sohil	Supervise On	10/30/2025 4:01:31 PM		
SubDirectory	FE103025AL	HP Acquire Method		HP Processing Method	FE103025AL

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE056573.D	30 Oct 2025 09:19	YP\AJ	Ok
2	I.BLK	FE056574.D	30 Oct 2025 09:49	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE056575.D	30 Oct 2025 10:20	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE056576.D	30 Oct 2025 10:50	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FE056577.D	30 Oct 2025 11:20	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE056578.D	30 Oct 2025 11:51	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FE056579.D	30 Oct 2025 12:21	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FE056580.D	30 Oct 2025 12:51	YP\AJ	Ok
9	I.BLK	FE056581.D	30 Oct 2025 13:21	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE056582.D	30 Oct 2025 13:52	YP\AJ	Ok
11	Q3485-01	FE056583.D	30 Oct 2025 14:52	YP\AJ	Ok,M
12	Q3485-02	FE056584.D	30 Oct 2025 15:23	YP\AJ	Ok,M
13	Q3486-01	FE056585.D	30 Oct 2025 15:53	YP\AJ	Ok
14	Q3486-02	FE056586.D	30 Oct 2025 16:25	YP\AJ	Ok
15	Q3486-03	FE056587.D	30 Oct 2025 16:56	YP\AJ	Dilution
16	Q3486-04	FE056588.D	30 Oct 2025 17:26	YP\AJ	Ok
17	Q3486-06	FE056589.D	30 Oct 2025 17:57	YP\AJ	Ok
18	Q3486-07	FE056590.D	30 Oct 2025 18:27	YP\AJ	ReRun
19	Q3486-08	FE056591.D	30 Oct 2025 18:58	YP\AJ	ReRun
20	Q3488-01	FE056592.D	30 Oct 2025 19:28	YP\AJ	Ok
21	Q3488-04	FE056593.D	30 Oct 2025 19:59	YP\AJ	Dilution

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE103025AL

Review By	yogesh	Review On	10/30/2025 10:43:15 AM		
Supervise By	Sohil	Supervise On	10/30/2025 4:01:31 PM		
SubDirectory	FE103025AL	HP Acquire Method		HP Processing Method	FE103025AL

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

22	Q3488-06	FE056594.D	30 Oct 2025 20:29	YP\AJ	Dilution
23	Q3490-01	FE056595.D	30 Oct 2025 21:00	YP\AJ	Dilution
24	Q3488-02	FE056596.D	30 Oct 2025 21:30	YP\AJ	Dilution
25	I.BLK	FE056597.D	30 Oct 2025 23:01	YP\AJ	Ok
26	20 PPM ALIPHATIC HC STD	FE056598.D	30 Oct 2025 23:32	YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE112625AL

Review By	rahul	Review On	11/26/2025 2:09:39 PM		
Supervise By	mohammad	Supervise On	12/2/2025 12:49:00 AM		
SubDirectory	FE112625AL	HP Acquire Method		HP Processing Method	FE103025AL

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE057036.D	26 Nov 2025 08:58	YP\AJ	Ok
2	I.BLK	FE057037.D	26 Nov 2025 09:28	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE057038.D	26 Nov 2025 09:59	YP\AJ	Ok
4	Q3710-03RE	FE057039.D	26 Nov 2025 10:30	YP\AJ	Confirms
5	Q3661-03RE	FE057040.D	26 Nov 2025 11:00	YP\AJ	Confirms
6	Q3661-04RE	FE057041.D	26 Nov 2025 11:31	YP\AJ	Confirms
7	Q3661-05RE	FE057042.D	26 Nov 2025 12:01	YP\AJ	Confirms
8	Q3661-06RE	FE057043.D	26 Nov 2025 12:31	YP\AJ	Confirms
9	I.BLK	FE057044.D	26 Nov 2025 13:02	YP\AJ	Confirms
10	20 PPM ALIPHATIC HC STD	FE057045.D	26 Nov 2025 14:33	YP\AJ	Ok
11	PB170736BL	FE057046.D	26 Nov 2025 15:04	YP\AJ	Ok
12	PB170736BS	FE057047.D	26 Nov 2025 15:35	YP\AJ	Ok
13	PB170736BSD	FE057048.D	26 Nov 2025 16:05	YP\AJ	Ok
14	Q3714-01	FE057049.D	26 Nov 2025 16:35	YP\AJ	Dilution
15	Q3714-01D	FE057050.D	26 Nov 2025 17:06	YP\AJ	Ok
16	Q3714-01MS	FE057051.D	26 Nov 2025 17:36	YP\AJ	Ok
17	Q3714-01MSD	FE057052.D	26 Nov 2025 18:07	YP\AJ	Ok
18	Q3714-02	FE057053.D	26 Nov 2025 18:37	YP\AJ	Dilution
19	Q3723-01	FE057054.D	26 Nov 2025 19:08	YP\AJ	Dilution
20	Q3723-02	FE057055.D	26 Nov 2025 19:38	YP\AJ	Dilution
21	Q3719-01	FE057056.D	26 Nov 2025 20:09	YP\AJ	Dilution

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE112625AL

Review By	rahul	Review On	11/26/2025 2:09:39 PM		
Supervise By	mohammad	Supervise On	12/2/2025 12:49:00 AM		
SubDirectory	FE112625AL	HP Acquire Method		HP Processing Method	FE103025AL

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

22	Q3719-02	FE057057.D	26 Nov 2025 20:39	YP\AJ	Ok
23	Q3719-03	FE057058.D	26 Nov 2025 21:09	YP\AJ	Ok
24	Q3719-04	FE057059.D	26 Nov 2025 21:40	YP\AJ	Ok
25	Q3719-05	FE057060.D	26 Nov 2025 22:10	YP\AJ	ReRun
26	Q3721-01	FE057061.D	26 Nov 2025 22:40	YP\AJ	Ok,M
27	Q3721-02	FE057062.D	26 Nov 2025 23:11	YP\AJ	Ok,M
28	I.BLK	FE057063.D	27 Nov 2025 00:42	YP\AJ	Ok
29	20 PPM ALIPHATIC HC STD	FE057064.D	27 Nov 2025 01:42	YP\AJ	Ok,M
30	Q3719-05RE	FE057065.D	27 Nov 2025 02:43	YP\AJ	Confirms
31	Q3719-06	FE057066.D	27 Nov 2025 03:13	YP\AJ	ReRun
32	Q3719-07	FE057067.D	27 Nov 2025 03:43	YP\AJ	Ok
33	Q3719-08	FE057068.D	27 Nov 2025 04:13	YP\AJ	Ok
34	Q3719-09	FE057069.D	27 Nov 2025 04:43	YP\AJ	Ok
35	Q3719-10	FE057070.D	27 Nov 2025 05:14	YP\AJ	Ok
36	Q3719-11	FE057071.D	27 Nov 2025 05:44	YP\AJ	Ok
37	Q3719-12	FE057072.D	27 Nov 2025 06:14	YP\AJ	ReRun
38	Q3719-13	FE057073.D	27 Nov 2025 06:44	YP\AJ	ReRun
39	Q3719-14	FE057074.D	27 Nov 2025 07:14	YP\AJ	ReRun
40	I.BLK	FE057075.D	27 Nov 2025 08:45	YP\AJ	Ok
41	20 PPM ALIPHATIC HC STD	FE057076.D	27 Nov 2025 09:15	YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE112725AL

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

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

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

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE120125AL

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

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

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

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE120125AL

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

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

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

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE103025AL

Review By	yogesh	Review On	10/30/2025 10:43:15 AM		
Supervise By	Sohil	Supervise On	10/30/2025 4:01:31 PM		
SubDirectory	FE103025AL	HP Acquire Method		HP Processing Method	FE103025AL

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE056573.D	30 Oct 2025 09:19		YP\AJ	Ok
2	I.BLK	I.BLK	FE056574.D	30 Oct 2025 09:49		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FE056575.D	30 Oct 2025 10:20		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE056576.D	30 Oct 2025 10:50		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056577.D	30 Oct 2025 11:20		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE056578.D	30 Oct 2025 11:51		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE056579.D	30 Oct 2025 12:21		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056580.D	30 Oct 2025 12:51		YP\AJ	Ok
9	I.BLK	I.BLK	FE056581.D	30 Oct 2025 13:21		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056582.D	30 Oct 2025 13:52		YP\AJ	Ok
11	Q3485-01	TR-04-102925	FE056583.D	30 Oct 2025 14:52		YP\AJ	Ok,M
12	Q3485-02	TR-04-102925-E2	FE056584.D	30 Oct 2025 15:23		YP\AJ	Ok,M
13	Q3486-01	TP3	FE056585.D	30 Oct 2025 15:53		YP\AJ	Ok
14	Q3486-02	TP3-E2	FE056586.D	30 Oct 2025 16:25		YP\AJ	Ok
15	Q3486-03	TP4	FE056587.D	30 Oct 2025 16:56	Need 5X,Surrogate fail	YP\AJ	Dilution
16	Q3486-04	TP4-E2	FE056588.D	30 Oct 2025 17:26		YP\AJ	Ok
17	Q3486-06	TP5-E2	FE056589.D	30 Oct 2025 17:57		YP\AJ	Ok
18	Q3486-07	TP6	FE056590.D	30 Oct 2025 18:27	Surrogate fail	YP\AJ	ReRun

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Fax : 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE103025AL

Review By	yogesh	Review On	10/30/2025 10:43:15 AM		
Supervise By	Sohil	Supervise On	10/30/2025 4:01:31 PM		
SubDirectory	FE103025AL	HP Acquire Method		HP Processing Method	FE103025AL

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	Q3486-08	TP6-E2	FE056591.D	30 Oct 2025 18:58	Surrogate fail	YP\AJ	ReRun
20	Q3488-01	MOO-25-0294-0298	FE056592.D	30 Oct 2025 19:28		YP\AJ	Ok
21	Q3488-04	MOO-25-0302-0310	FE056593.D	30 Oct 2025 19:59	Need 500X	YP\AJ	Dilution
22	Q3488-06	MOO-25-0311-0313	FE056594.D	30 Oct 2025 20:29	Need further 20X	YP\AJ	Dilution
23	Q3490-01	LAW-25-0151	FE056595.D	30 Oct 2025 21:00	Need further 10X	YP\AJ	Dilution
24	Q3488-02	MOO-25-0299	FE056596.D	30 Oct 2025 21:30	Need further 20X	YP\AJ	Dilution
25	I.BLK	I.BLK	FE056597.D	30 Oct 2025 23:01		YP\AJ	Ok
26	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056598.D	30 Oct 2025 23:32		YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE112625AL

Review By	rahul	Review On	11/26/2025 2:09:39 PM		
Supervise By	mohammad	Supervise On	12/2/2025 12:49:00 AM		
SubDirectory	FE112625AL	HP Acquire Method		HP Processing Method	FE103025AL

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE057036.D	26 Nov 2025 08:58		YP\AJ	Ok
2	I.BLK	I.BLK	FE057037.D	26 Nov 2025 09:28		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057038.D	26 Nov 2025 09:59		YP\AJ	Ok
4	Q3710-03RE	COMPRESSOR-EXCA	FE057039.D	26 Nov 2025 10:30	SURROGATE FAIL	YP\AJ	Confirms
5	Q3661-03RE	1RE	FE057040.D	26 Nov 2025 11:00	SURROGATE FAIL	YP\AJ	Confirms
6	Q3661-04RE	2RE	FE057041.D	26 Nov 2025 11:31	SURROGATE FAIL	YP\AJ	Confirms
7	Q3661-05RE	3RE	FE057042.D	26 Nov 2025 12:01	SURROGATE FAIL	YP\AJ	Confirms
8	Q3661-06RE	4RE	FE057043.D	26 Nov 2025 12:31	SURROGATE FAIL	YP\AJ	Confirms
9	I.BLK	I.BLK	FE057044.D	26 Nov 2025 13:02	SURROGATE FAIL	YP\AJ	Confirms
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057045.D	26 Nov 2025 14:33		YP\AJ	Ok
11	PB170736BL	PB170736BL	FE057046.D	26 Nov 2025 15:04		YP\AJ	Ok
12	PB170736BS	PB170736BS	FE057047.D	26 Nov 2025 15:35		YP\AJ	Ok
13	PB170736BSD	PB170736BSD	FE057048.D	26 Nov 2025 16:05		YP\AJ	Ok
14	Q3714-01	OR-03-11-24-2025	FE057049.D	26 Nov 2025 16:35	Need 2X	YP\AJ	Dilution
15	Q3714-01D	Q3714-01D	FE057050.D	26 Nov 2025 17:06		YP\AJ	Ok
16	Q3714-01MS	OR-03-11-24-2025MS	FE057051.D	26 Nov 2025 17:36	FE057049.D	YP\AJ	Ok
17	Q3714-01MSD	OR-03-11-24-2025MSD	FE057052.D	26 Nov 2025 18:07	FE057049.D!FE057051.D	YP\AJ	Ok
18	Q3714-02	OR-03-11-24-2025	FE057053.D	26 Nov 2025 18:37	Need 5X	YP\AJ	Dilution

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE112625AL

Review By	rahul	Review On	11/26/2025 2:09:39 PM		
Supervise By	mohammad	Supervise On	12/2/2025 12:49:00 AM		
SubDirectory	FE112625AL	HP Acquire Method		HP Processing Method	FE103025AL

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	Q3723-01	CC-1-112525	FE057054.D	26 Nov 2025 19:08	Need 2X	YP\AJ	Dilution
20	Q3723-02	CC-1-112525-E2	FE057055.D	26 Nov 2025 19:38	Need 2X	YP\AJ	Dilution
21	Q3719-01	SB-1125-10A	FE057056.D	26 Nov 2025 20:09	Need 2X	YP\AJ	Dilution
22	Q3719-02	SB-1125-10B	FE057057.D	26 Nov 2025 20:39		YP\AJ	Ok
23	Q3719-03	SB-1125-11A	FE057058.D	26 Nov 2025 21:09		YP\AJ	Ok
24	Q3719-04	SB-1125-11B	FE057059.D	26 Nov 2025 21:40		YP\AJ	Ok
25	Q3719-05	SB-1125-12A	FE057060.D	26 Nov 2025 22:10	SURROGATE FAIL	YP\AJ	ReRun
26	Q3721-01	EO-2-112525	FE057061.D	26 Nov 2025 22:40		YP\AJ	Ok,M
27	Q3721-02	EO-2-112525-E2	FE057062.D	26 Nov 2025 23:11		YP\AJ	Ok,M
28	I.BLK	I.BLK	FE057063.D	27 Nov 2025 00:42		YP\AJ	Ok
29	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057064.D	27 Nov 2025 01:42		YP\AJ	Ok,M
30	Q3719-05RE	SB-1125-12ARE	FE057065.D	27 Nov 2025 02:43	SURROGATE FAIL	YP\AJ	Confirms
31	Q3719-06	SB-1125-12B	FE057066.D	27 Nov 2025 03:13	SURROGATE FAIL	YP\AJ	ReRun
32	Q3719-07	SB-1125-14A	FE057067.D	27 Nov 2025 03:43		YP\AJ	Ok
33	Q3719-08	SB-1125-14B	FE057068.D	27 Nov 2025 04:13		YP\AJ	Ok
34	Q3719-09	SB-1125-15A	FE057069.D	27 Nov 2025 04:43		YP\AJ	Ok
35	Q3719-10	SB-1125-15B	FE057070.D	27 Nov 2025 05:14		YP\AJ	Ok
36	Q3719-11	SB-1125-16A	FE057071.D	27 Nov 2025 05:44		YP\AJ	Ok
37	Q3719-12	SB-1125-16B	FE057072.D	27 Nov 2025 06:14	SURROGATE FAIL	YP\AJ	ReRun

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE112625AL

Review By	rahul	Review On	11/26/2025 2:09:39 PM		
Supervise By	mohammad	Supervise On	12/2/2025 12:49:00 AM		
SubDirectory	FE112625AL	HP Acquire Method		HP Processing Method	FE103025AL

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	

38	Q3719-13	SB-1125-17A	FE057073.D	27 Nov 2025 06:44	SURROGATE FAIL	YP\AJ	ReRun
39	Q3719-14	SB-1125-17B	FE057074.D	27 Nov 2025 07:14	SURROGATE FAIL	YP\AJ	ReRun
40	I.BLK	I.BLK	FE057075.D	27 Nov 2025 08:45		YP\AJ	Ok
41	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057076.D	27 Nov 2025 09:15		YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE112725AL

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

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

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

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE120125AL

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

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

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

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE120125AL

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

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

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

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/26/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:40
In Date: 11/25/2025
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: 11/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB138040

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
Q3604-04	S-1	1	1.15	10.36	11.51	9.73	82.8	
Q3604-05	S-2	2	1.13	10.26	11.39	9.62	82.7	
Q3719-01	SB-1125-10A	3	1.15	10.90	12.05	9.46	76.2	
Q3719-02	SB-1125-10B	4	1.18	10.16	11.34	9.97	86.5	
Q3719-03	SB-1125-11A	5	1.13	10.69	11.82	9.71	80.3	
Q3719-04	SB-1125-11B	6	1.19	10.22	11.41	10.31	89.2	
Q3719-05	SB-1125-12A	7	1.16	10.46	11.62	8.25	67.8	
Q3719-06	SB-1125-12B	8	1.19	10.43	11.62	10.3	87.3	
Q3719-07	SB-1125-14A	9	1.18	10.41	11.59	9.86	83.4	
Q3719-08	SB-1125-14B	10	1.18	10.94	12.12	10.84	88.3	
Q3719-09	SB-1125-15A	11	1.11	10.78	11.89	10.52	87.3	
Q3719-10	SB-1125-15B	12	1.18	10.28	11.46	10.37	89.4	
Q3719-11	SB-1125-16A	13	1.19	10.48	11.67	10.41	88.0	
Q3719-12	SB-1125-16B	14	1.14	10.62	11.76	10.77	90.7	
Q3719-13	SB-1125-17A	15	1.18	10.86	12.04	10.55	86.3	
Q3719-14	SB-1125-17B	16	1.13	10.10	11.23	9.64	84.3	
Q3719-14D	SB-1125-17BDUP	17	1.15	10.10	11.25	9.63	84.0	
Q3721-01	EO-2-112525	18	1.14	10.28	11.42	10.57	91.7	
Q3721-02	EO-2-112525-E2	19	1.16	10.19	11.35	10.55	92.1	
Q3723-01	CC-1-112525	20	1.12	10.65	11.77	10.93	92.1	
Q3723-02	CC-1-112525-E2	21	1.16	10.33	11.49	10.62	91.6	
Q3726-01	112125-A	22	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3726-02	112125-B	23	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE

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

WORKLIST(Hardcopy Internal Chain)

VB7138040

WorkList Name : %1-112525 **WorkList ID :** 193343 **Department :** Wet-Chemistry **Date :** 11-25-2025 10:19:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3604-04	S-1	Solid	Percent Solids	Cool 4 deg C	ROMA02	D41	11/10/2025	Chemtech -SO
Q3604-05	S-2	Solid	Percent Solids	Cool 4 deg C	ROMA02	D41	11/10/2025	Chemtech -SO
Q3719-01	SB-1125-10A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-02	SB-1125-10B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-03	SB-1125-11A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-04	SB-1125-11B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-05	SB-1125-12A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-06	SB-1125-12B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-07	SB-1125-14A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-08	SB-1125-14B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-09	SB-1125-15A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-10	SB-1125-15B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-11	SB-1125-16A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-12	SB-1125-16B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-13	SB-1125-17A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-14	SB-1125-17B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3721-01	EO-2-112525	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3721-02	EO-2-112525-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	11/26/2025	Chemtech -SO
Q3723-01	CC-1-112525	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	11/26/2025	Chemtech -SO
Q3723-02	CC-1-112525-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	--Sele	11/25/2025	Chemtech -SO
Q3726-01	112125-A	Solid	Percent Solids	Cool 4 deg C	PSEG05	--Sele	11/25/2025	Chemtech -SO
					PSEG03	A11	11/25/2025	Chemtech -SO

Date/Time 11.25.25 15:20

Raw Sample Received by: SD WDC

Raw Sample Relinquished by: RJ CEXL-Wilb

Date/Time 11-25-25 17:45

Raw Sample Received by: RJ CEXL-Wilb

Raw Sample Relinquished by: SD WDC

WORKLIST(Hardcopy Internal Chain)

VB 138040

WorkList Name : %1-112525 **WorkList ID :** 193343 **Department :** Wet-Chemistry **Date :** 11-25-2025 10:19:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3726-02	112125-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	11/25/2025	Chemtech -SO

Date/Time 11.25.25 15:20

Raw Sample Received by: JB WSC

Raw Sample Relinquished by: RJ (EXT-Cells)

Date/Time 11.25.25 17:45

Raw Sample Received by: RJ (EXT-Cells)

Raw Sample Relinquished by: JB WSC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170736

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 11/26/2025

Extraction Start Time : 08:30

Extraction End Date : 11/26/2025

Extraction End Time : 14:10

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP25005
Surrogate	1.0ML	100 PPM	PP25012
Fractionation Surrogate	1.0ML	100 PPM	PP24994
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2659
Baked Na2SO4	N/A	EP2663
Sand	N/A	E3951
Hexane	N/A	E3988
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

Q3721 & Q3723 all samples added at 10:35 in Prepbatch.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: N-EVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/26/25	RS (Ext-lab)	R. Patel/PCB Lab
14:15	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170736

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 11/26/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170736BL	PB170736BL	EPH_NF	30.01	N/A	ritesh	Evelyn	2			U6-1
PB170736BS	PB170736BS	EPH_NF	30.03	N/A	ritesh	Evelyn	2			2
PB170736BSD	PB170736BSD	EPH_NF	30.02	N/A	ritesh	Evelyn	2			3
Q3714-01	OR-03-11-24-2025	EPH_NF	30.04	N/A	ritesh	Evelyn	2	E		4
Q3714-01DUP	OR-03-11-24-2025DUP	EPH_NF	30.08	N/A	ritesh	Evelyn	2	E		5
Q3714-01MS	OR-03-11-24-2025MS	EPH_NF	30.06	N/A	ritesh	Evelyn	2	E		6
Q3714-01MSD	OR-03-11-24-2025MSD	EPH_NF	30.05	N/A	ritesh	Evelyn	2	E		U1-1
Q3714-02	OR-03-11-24-2025	EPH_NF	30.02	N/A	ritesh	Evelyn	2			2
Q3719-01	SB-1125-10A	EPH_NF	30.07	N/A	ritesh	Evelyn	2	E		3
Q3719-02	SB-1125-10B	EPH_NF	30.01	N/A	ritesh	Evelyn	2	E		4
Q3719-03	SB-1125-11A	EPH_NF	30.03	N/A	ritesh	Evelyn	2	E		5
Q3719-04	SB-1125-11B	EPH_NF	30.06	N/A	ritesh	Evelyn	2	E		6
Q3719-05	SB-1125-12A	EPH_NF	30.09	N/A	ritesh	Evelyn	2	E		U2-1
Q3719-06	SB-1125-12B	EPH_NF	30.04	N/A	ritesh	Evelyn	2	E		2
Q3719-07	SB-1125-14A	EPH_NF	30.02	N/A	ritesh	Evelyn	2	E		3
Q3719-08	SB-1125-14B	EPH_NF	30.03	N/A	ritesh	Evelyn	2	E		4
Q3719-09	SB-1125-15A	EPH_NF	30.08	N/A	ritesh	Evelyn	2	E		5
Q3719-10	SB-1125-15B	EPH_NF	30.03	N/A	ritesh	Evelyn	2	E		6
Q3719-11	SB-1125-16A	EPH_NF	30.05	N/A	ritesh	Evelyn	2	E		U3-1
Q3719-12	SB-1125-16B	EPH_NF	30.01	N/A	ritesh	Evelyn	2	E		2
Q3719-13	SB-1125-17A	EPH_NF	30.07	N/A	ritesh	Evelyn	2	E		3
Q3719-14	SB-1125-17B	EPH_NF	30.06	N/A	ritesh	Evelyn	2	E		4
Q3721-01	EO-2-112525	EPH_NF	30.02	N/A	ritesh	Evelyn	2	E		5
Q3721-02	EO-2-112525-E2	EPH_NF	30.09	N/A	ritesh	Evelyn	2			6
Q3723-01	CC-1-112525	EPH_NF	30.05	N/A	ritesh	Evelyn	2	E		U4-1
Q3723-02	CC-1-112525-E2	EPH_NF	30.08	N/A	ritesh	Evelyn	2			2

RS 11/26

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

1/10/26 8:30

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3714 **WorkList ID :** 193348 **Department :** Extraction **Date :** 11-26-2025 08:25:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3714-01	OR-03-11-24-2025	Solid	EPH_NF	Cool 4 deg C	PSEG05	E12	11/24/2025	NJEPH
Q3714-02	OR-03-11-24-2025	Solid	EPH_NF	Cool 4 deg C	PSEG05	E12	11/24/2025	NJEPH
Q3719-01	SB-1125-10A	Solid	EPH_NF	Cool 4 deg C	REMI01	D51	11/25/2025	NJEPH
Q3719-02	SB-1125-10B	Solid	EPH_NF	Cool 4 deg C	REMI01	D51	11/25/2025	NJEPH
Q3719-03	SB-1125-11A	Solid	EPH_NF	Cool 4 deg C	REMI01	D51	11/25/2025	NJEPH
Q3719-04	SB-1125-11B	Solid	EPH_NF	Cool 4 deg C	REMI01	D51	11/25/2025	NJEPH
Q3719-05	SB-1125-12A	Solid	EPH_NF	Cool 4 deg C	REMI01	D51	11/25/2025	NJEPH
Q3719-06	SB-1125-12B	Solid	EPH_NF	Cool 4 deg C	REMI01	D51	11/25/2025	NJEPH
Q3719-07	SB-1125-14A	Solid	EPH_NF	Cool 4 deg C	REMI01	D51	11/25/2025	NJEPH
Q3719-08	SB-1125-14B	Solid	EPH_NF	Cool 4 deg C	REMI01	D51	11/25/2025	NJEPH
Q3719-09	SB-1125-15A	Solid	EPH_NF	Cool 4 deg C	REMI01	D51	11/25/2025	NJEPH
Q3719-10	SB-1125-15B	Solid	EPH_NF	Cool 4 deg C	REMI01	D51	11/25/2025	NJEPH
Q3719-11	SB-1125-16A	Solid	EPH_NF	Cool 4 deg C	REMI01	D51	11/25/2025	NJEPH
Q3719-12	SB-1125-16B	Solid	EPH_NF	Cool 4 deg C	REMI01	D51	11/25/2025	NJEPH
Q3719-13	SB-1125-17A	Solid	EPH_NF	Cool 4 deg C	REMI01	D51	11/25/2025	NJEPH
Q3719-14	SB-1125-17B	Solid	EPH_NF	Cool 4 deg C	REMI01	D51	11/25/2025	NJEPH

Date/Time 11/26/25 8:25
Raw Sample Received by: RJ / CLA-(abl)
Raw Sample Relinquished by: SM

Date/Time 11/26/25 8:55
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ CLA-(abl)

1707936
10:33

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3721 **WorkList ID :** 193358 **Department :** Extraction **Date :** 11-26-2025 10:34:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3720-01	BUR-25-0059	Solid	PCB	Cool 4 deg C	PSEG03	E42	11/25/2025	8082A
Q3721-01	EO-2-112525	Solid	EPH_NF	Cool 4 deg C	PSEG05	D31	11/26/2025	NJEPH
Q3721-01	EO-2-112525	Solid	PCB	Cool 4 deg C	PSEG05		11/26/2025	8082A
Q3721-01	EO-2-112525	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	D31	11/26/2025	8081B
Q3721-02	EO-2-112525-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	D31	11/26/2025	NJEPH
Q3723-01	CC-1-112525	Solid	EPH_NF	Cool 4 deg C	PSEG05	E31	11/25/2025	NJEPH
Q3723-01	CC-1-112525	Solid	PCB	Cool 4 deg C	PSEG05	E31	11/25/2025	8082A
Q3723-01	CC-1-112525	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	E31	11/25/2025	8081B
Q3723-02	CC-1-112525-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	E31	11/25/2025	NJEPH

Date/Time 11/26/25 10:34
Raw Sample Received by: RJ (Ext Lab)
Raw Sample Relinquished by: SM

Date/Time 11/26/25 10:45
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (Ext Lab)

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Prep Standard - Chemical Standard Summary

Order ID : Q3719

Test : EPH_NF

Prepbatch ID : PB170736,

Sequence ID/Qc Batch ID: FE112625AL,FE120125AL,

Standard ID :
EP2659,EP2663,PP24768,PP24769,PP24770,PP24771,PP24772,PP24773,PP24774,PP24994,PP25005,PP25012,

Chemical ID :
E3875,E3951,E3956,E3974,E3979,E3980,E3982,E3988,P12364,P13280,P13281,P13620,P13690,P14033,P14034,P14035,P14036,P14037,P14127,P14128,P14129,P14130,P14131,P14132,P14133,P14134,P14135,P14136,P14151,P14152,P14153,P14154,P14155,P14170,P14171,P14172,P14173,P14195,P14196,P14197,P14198,P14199,P14200,P14201,P14202,P14203,P14204,W3234,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2017	1:1 ACETONE/METHYLENE CHLORIDE	EP2659	11/03/2025	04/16/2026	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 11/03/2025

FROM 8000.00000ml of E3980 + 8000.00000ml of E3982 = Final Quantity: 16000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2663	11/20/2025	05/20/2026	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 11/20/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
781	100 PPM Aliphatic HC Working STD (Restek)	PP24768	08/01/2025	02/01/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of P13620 + 0.25000ml of P13690 + 1.25000ml of P12364 + 23.25000ml of E3956 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2900	100 PPM Aliphatic HC STD (Absolute)	PP24769	08/01/2025	02/01/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.22000ml of P13690 + 0.25000ml of P13620 + 1.25000ml of P13280 + 1.25000ml of P13281 + 22.00000ml of E3956 = Final Quantity: 25.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
783	50 PPM Aliphatic HC STD	PP24770	08/01/2025	02/01/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24768 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
784	20 PPM Aliphatic HC STD	PP24771	08/01/2025	02/01/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.80000ml of W3234 + 0.20000ml of PP24768 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
785	10 PPM Aliphatic HC STD	PP24772	08/01/2025	02/01/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24768 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
786	5 PPM Aliphatic HC STD	PP24773	08/01/2025	02/01/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24770 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2901	20 PPM Aliphaitic HC STD ICV (Absolute)	PP24774	08/01/2025	02/01/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.80000ml of W3234 + 0.20000ml of PP24769 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1331	100 PPM NJEPH Fractionating Surrogate	PP24994	10/09/2025	04/09/2026	Abdul Mirza	None	None	Yogesh Patel 10/10/2025

FROM 1.25000ml of P14170 + 1.25000ml of P14171 + 1.25000ml of P14172 + 1.25000ml of P14173 + 195.00000ml of E3974 = Final Quantity: 200.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1330	100 PPM NJEPH Spike Solution	PP25005	10/22/2025	04/22/2026	Abdul Mirza	None	None	Yogesh Patel 11/04/2025

FROM 5.00000ml of P14127 + 5.00000ml of P14128 + 5.00000ml of P14129 + 5.00000ml of P14130 + 5.00000ml of P14131 + 5.00000ml of P14132 + 5.00000ml of P14133 + 5.00000ml of P14134 + 5.00000ml of P14135 + 5.00000ml of P14136 + 5.00000ml of P14195 + 5.00000ml of P14196 + 5.00000ml of P14197 + 5.00000ml of P14198 + 5.00000ml of P14199 + 5.00000ml of P14200 + 5.00000ml of P14201 + 5.00000ml of P14202 + 5.00000ml of P14203 + 5.00000ml of P14204 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1339	100 PPM NJEPH Surrogate Spike	PP25012	10/27/2025	04/27/2026	Abdul Mirza	None	None	Yogesh Patel 11/04/2025

FROM 1.00000ml of P14033 + 1.00000ml of P14034 + 1.00000ml of P14035 + 1.00000ml of P14036 + 1.00000ml of P14037 + 1.00000ml of P14151 + 1.00000ml of P14152 + 1.00000ml of P14153 + 1.00000ml of P14154 + 1.00000ml of P14155 + 490.00000ml of E3979 = Final Quantity: 500.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	07/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	07/16/2025 / RUPESH	07/16/2025 / RUPESH	E3956

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362006	04/10/2027	09/26/2025 / Riteshkumar	09/26/2025 / Riteshkumar	E3974

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24L1062001	10/04/2027	10/15/2025 / RITESHKUMAR	09/29/2025 / Riteshkumar	E3979

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25C1262005	04/16/2026	10/10/2025 / RUPESH	10/10/2025 / RUPESH	E3980

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24L1062001	10/04/2027	10/31/2025 / RUPESH	10/31/2025 / RUPESH	E3982

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25G1662002	05/21/2026	11/21/2025 / RUPESH	11/19/2025 / RUPESH	E3988

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30540 / Custom NJEPH Aliphatics Calibration Standard	A0190424	02/01/2026	08/01/2025 / yogesh	03/16/2023 / Yogesh	P12364

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95899 / NJ EPH Aliphatic n-Hydrocarbons-Revised, 1000 PPM	040524	02/01/2026	08/01/2025 / yogesh	04/11/2024 / yogesh	P13280

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95899 / NJ EPH Aliphatic n-Hydrocarbons-Revised, 1000 PPM	040524	02/01/2026	08/01/2025 / yogesh	04/11/2024 / yogesh	P13281

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31098 / 1-Chlorooctadecane Standard	A0213283	02/01/2026	08/01/2025 / yogesh	10/16/2024 / yogesh	P13620

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31097 / o-Terphenyl Standard	A0216631	02/01/2026	08/01/2025 / yogesh	10/16/2024 / yogesh	P13690

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31098 / 1-Chlorooctadecane Standard	A0225485	04/27/2026	10/27/2025 / Abdul	06/02/2025 / Rahul	P14033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31098 / 1-Chlorooctadecane Standard	A0225485	04/27/2026	10/27/2025 / Abdul	06/02/2025 / Rahul	P14034

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31098 / 1-Chlorooctadecane Standard	A0225485	04/27/2026	10/27/2025 / Abdul	06/02/2025 / Rahul	P14035

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31098 / 1-Chlorooctadecane Standard	A0225485	04/27/2026	10/27/2025 / Abdul	06/02/2025 / Rahul	P14036

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31098 / 1-Chlorooctadecane Standard	A0225485	04/27/2026	10/27/2025 / Abdul	06/02/2025 / Rahul	P14037

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30542 / Custom NJEPH Aliphatics Matrix Spike Mix	A0226411	04/22/2026	10/22/2025 / Abdul	09/16/2025 / Abdul	P14127

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30542 / Custom NJEPH Aliphatics Matrix Spike Mix	A0226411	07/31/2032	10/22/2025 / Abdul	09/16/2025 / Abdul	P14128

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30542 / Custom NJEPH Aliphatics Matrix Spike Mix	A0226411	04/22/2026	10/22/2025 / Abdul	09/16/2025 / Abdul	P14129

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30542 / Custom NJEPH Aliphatics Matrix Spike Mix	A0226411	04/22/2026	10/22/2025 / Abdul	09/16/2025 / Abdul	P14130

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30542 / Custom NJEPH Aliphatics Matrix Spike Mix	A0226411	04/22/2026	10/22/2025 / Abdul	09/16/2025 / Abdul	P14131

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30542 / Custom NJEPH Aliphatics Matrix Spike Mix	A0226411	04/22/2026	10/22/2025 / Abdul	09/16/2025 / Abdul	P14132

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30542 / Custom NJEPH Aliphatics Matrix Spike Mix	A0226411	04/22/2026	10/22/2025 / Abdul	09/16/2025 / Abdul	P14133

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30542 / Custom NJEPH Aliphatics Matrix Spike Mix	A0226411	04/22/2026	10/22/2025 / Abdul	09/16/2025 / Abdul	P14134

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30542 / Custom NJEPH Aliphatics Matrix Spike Mix	A0226411	04/22/2026	10/22/2025 / Abdul	09/16/2025 / Abdul	P14135

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30542 / Custom NJEPH Aliphatics Matrix Spike Mix	A0226411	04/22/2026	10/22/2025 / Abdul	09/16/2025 / Abdul	P14136

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31097 / o-Terphenyl Standard	A0216631	04/27/2026	10/27/2025 / Abdul	09/24/2025 / Abdul	P14151

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31097 / o-Terphenyl Standard	A0216631	04/27/2026	10/27/2025 / Abdul	09/24/2025 / Abdul	P14152

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31097 / o-Terphenyl Standard	A0216631	04/27/2026	10/27/2025 / Abdul	09/24/2025 / Abdul	P14153

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31097 / o-Terphenyl Standard	A0216631	04/27/2026	10/27/2025 / Abdul	09/24/2025 / Abdul	P14154

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31097 / o-Terphenyl Standard	A0216631	04/27/2026	10/27/2025 / Abdul	09/24/2025 / Abdul	P14155

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31480 / MA Fractionation Surrogate Spike Mix	A0227585	04/09/2026	10/09/2025 / Abdul	10/01/2025 / Abdul	P14170

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31480 / MA Fractionation Surrogate Spike Mix	A0227585	04/09/2026	10/09/2025 / Abdul	10/01/2025 / Abdul	P14171

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31480 / MA Fractionation Surrogate Spike Mix	A0227585	04/09/2026	10/09/2025 / Abdul	10/01/2025 / Abdul	P14172

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31480 / MA Fractionation Surrogate Spike Mix	A0227585	04/09/2026	10/09/2025 / Abdul	10/01/2025 / Abdul	P14173

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30543 / Custom NJEPH Aromatics Matrix Spike Mix	A0231145	04/22/2026	10/22/2025 / Abdul	10/21/2025 / Abdul	P14195

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30543 / Custom NJEPH Aromatics Matrix Spike Mix	A0231145	04/22/2026	10/22/2025 / Abdul	10/21/2025 / Abdul	P14196

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30543 / Custom NJEPH Aromatics Matrix Spike Mix	A0231145	04/22/2026	10/22/2025 / Abdul	10/21/2025 / Abdul	P14197

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30543 / Custom NJEPH Aromatics Matrix Spike Mix	A0231145	04/22/2026	10/22/2025 / Abdul	10/21/2025 / Abdul	P14198

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30543 / Custom NJEPH Aromatics Matrix Spike Mix	A0231145	04/22/2026	10/22/2025 / Abdul	10/21/2025 / Abdul	P14199

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30543 / Custom NJEPH Aromatics Matrix Spike Mix	A0231145	04/22/2026	10/22/2025 / Abdul	10/21/2025 / Abdul	P14200

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30543 / Custom NJEPH Aromatics Matrix Spike Mix	A0231145	04/22/2026	10/22/2025 / Abdul	10/21/2025 / Abdul	P14201

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30543 / Custom NJEPH Aromatics Matrix Spike Mix	A0231145	04/22/2026	10/22/2025 / Abdul	10/21/2025 / Abdul	P14202

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30543 / Custom NJEPH Aromatics Matrix Spike Mix	A0231145	04/22/2026	10/22/2025 / Abdul	10/21/2025 / Abdul	P14203

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30543 / Custom NJEPH Aromatics Matrix Spike Mix	A0231145	04/22/2026	10/22/2025 / Abdul	10/21/2025 / Abdul	P14204

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	07/28/2025 / jignesh	07/25/2025 / jignesh	W3234

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362006
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	4
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3974

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE **RMB3375)**	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO_4)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

E 3875

VWR®
BDH® CHEMICALS

Certificate of Analysis

Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO2
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 7/9/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above.	Analysis may have been rounded to significant digits in specification limits
This document has been electronically produced and is valid without a signature.	Product meets analytical specifications of the grades listed.
Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recieved on 7/16/25

E3956

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24L1062001
Manufactured Date: 2024-10-04
Expiration Date:2027-10-04
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.7 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.1
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.3 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3979

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 25C1262005
Manufactured Date: 2025-01-15
Expiration Date:2026-04-16
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Rec. on 6/10/25 PJ

E3980

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24L1062001
Manufactured Date: 2024-10-04
Expiration Date:2027-10-04
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.7 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.1
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.3 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Received on 10/29/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3982

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P14127 (13) → P14141 / 9/16/25

Catalog No. : 30542 **Lot No.:** A0226411

Description : NJEPH Aliphatics Matrix Spike Mix

NJEPH Aliphatics Matrix Spike Mix 200 µg/mL, n-Pentane, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : July 31, 2032 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	n-Nonane (C9)	111-84-2	SHBP9752	99%	200.3 µg/mL	+/- 5.1753
2	n-Decane (C10)	124-18-5	SHBS1019	99%	200.3 µg/mL	+/- 5.1753
3	n-Dodecane (C12)	112-40-3	SHBP7054	99%	200.0 µg/mL	+/- 5.1667
4	n-Tetradecane (C14)	629-59-4	STBL2522	99%	200.0 µg/mL	+/- 5.1667
5	n-Hexadecane (C16)	544-76-3	SHBR0670	99%	200.0 µg/mL	+/- 5.1667
6	n-Octadecane (C18)	593-45-3	UE5NG	99%	200.0 µg/mL	+/- 5.1667
7	n-Eicosane (C20)	112-95-8	MKCN8767	99%	200.0 µg/mL	+/- 5.1667
8	n-Heneicosane (C21)	629-94-7	MKCP1960	99%	200.3 µg/mL	+/- 5.1753
9	n-Docosane (C22)	629-97-0	MKCQ3729	99%	200.0 µg/mL	+/- 5.1667
10	n-Tetracosane (C24)	646-31-1	UH5GN	99%	200.0 µg/mL	+/- 5.1667
11	n-Hexacosane (C26)	630-01-3	MKCV0107	99%	200.0 µg/mL	+/- 5.1667
12	n-Octacosane (C28)	630-02-4	BCCM2091	99%	200.0 µg/mL	+/- 5.1667
13	n-Triacontane (C30)	638-68-6	MKCW9459	99%	200.0 µg/mL	+/- 5.1667
14	n-Dotriacontane (C32)	544-85-4	BCBW0661	99%	200.0 µg/mL	+/- 5.1667
15	n-Tetratriacontane (C34)	14167-59-0	6JNHB	99%	200.0 µg/mL	+/- 5.1667
16	n-Hexatriacontane (C36)	630-06-8	U30H007	99%	200.0 µg/mL	+/- 5.1667
17	n-Octatriacontane (C38)	7194-85-6	0000207852	96%	200.0 µg/mL	+/- 5.1667

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P14127 (13) → P14141 / 9/16/25

Catalog No. : 30542 **Lot No.:** A0226411

Description : NJEPH Aliphatics Matrix Spike Mix

NJEPH Aliphatics Matrix Spike Mix 200 µg/mL, n-Pentane, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : July 31, 2032 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	n-Nonane (C9)	111-84-2	SHBP9752	99%	200.3 µg/mL	+/- 5.1753
2	n-Decane (C10)	124-18-5	SHBS1019	99%	200.3 µg/mL	+/- 5.1753
3	n-Dodecane (C12)	112-40-3	SHBP7054	99%	200.0 µg/mL	+/- 5.1667
4	n-Tetradecane (C14)	629-59-4	STBL2522	99%	200.0 µg/mL	+/- 5.1667
5	n-Hexadecane (C16)	544-76-3	SHBR0670	99%	200.0 µg/mL	+/- 5.1667
6	n-Octadecane (C18)	593-45-3	UE5NG	99%	200.0 µg/mL	+/- 5.1667
7	n-Eicosane (C20)	112-95-8	MKCN8767	99%	200.0 µg/mL	+/- 5.1667
8	n-Heneicosane (C21)	629-94-7	MKCP1960	99%	200.3 µg/mL	+/- 5.1753
9	n-Docosane (C22)	629-97-0	MKCQ3729	99%	200.0 µg/mL	+/- 5.1667
10	n-Tetracosane (C24)	646-31-1	UH5GN	99%	200.0 µg/mL	+/- 5.1667
11	n-Hexacosane (C26)	630-01-3	MKCV0107	99%	200.0 µg/mL	+/- 5.1667
12	n-Octacosane (C28)	630-02-4	BCCM2091	99%	200.0 µg/mL	+/- 5.1667
13	n-Triacontane (C30)	638-68-6	MKCW9459	99%	200.0 µg/mL	+/- 5.1667
14	n-Dotriacontane (C32)	544-85-4	BCBW0661	99%	200.0 µg/mL	+/- 5.1667
15	n-Tetratriacontane (C34)	14167-59-0	6JNHB	99%	200.0 µg/mL	+/- 5.1667
16	n-Hexatriacontane (C36)	630-06-8	U30H007	99%	200.0 µg/mL	+/- 5.1667
17	n-Octatriacontane (C38)	7194-85-6	0000207852	96%	200.0 µg/mL	+/- 5.1667

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P14127 (13) → P14141 / 9/16/25

Catalog No. : 30542 **Lot No.:** A0226411

Description : NJEPH Aliphatics Matrix Spike Mix

NJEPH Aliphatics Matrix Spike Mix 200 µg/mL, n-Pentane, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : July 31, 2032 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	n-Nonane (C9)	111-84-2	SHBP9752	99%	200.3 µg/mL	+/- 5.1753
2	n-Decane (C10)	124-18-5	SHBS1019	99%	200.3 µg/mL	+/- 5.1753
3	n-Dodecane (C12)	112-40-3	SHBP7054	99%	200.0 µg/mL	+/- 5.1667
4	n-Tetradecane (C14)	629-59-4	STBL2522	99%	200.0 µg/mL	+/- 5.1667
5	n-Hexadecane (C16)	544-76-3	SHBR0670	99%	200.0 µg/mL	+/- 5.1667
6	n-Octadecane (C18)	593-45-3	UE5NG	99%	200.0 µg/mL	+/- 5.1667
7	n-Eicosane (C20)	112-95-8	MKCN8767	99%	200.0 µg/mL	+/- 5.1667
8	n-Heneicosane (C21)	629-94-7	MKCP1960	99%	200.3 µg/mL	+/- 5.1753
9	n-Docosane (C22)	629-97-0	MKCQ3729	99%	200.0 µg/mL	+/- 5.1667
10	n-Tetracosane (C24)	646-31-1	UH5GN	99%	200.0 µg/mL	+/- 5.1667
11	n-Hexacosane (C26)	630-01-3	MKCV0107	99%	200.0 µg/mL	+/- 5.1667
12	n-Octacosane (C28)	630-02-4	BCCM2091	99%	200.0 µg/mL	+/- 5.1667
13	n-Triacontane (C30)	638-68-6	MKCW9459	99%	200.0 µg/mL	+/- 5.1667
14	n-Dotriacontane (C32)	544-85-4	BCBW0661	99%	200.0 µg/mL	+/- 5.1667
15	n-Tetratriacontane (C34)	14167-59-0	6JNHB	99%	200.0 µg/mL	+/- 5.1667
16	n-Hexatriacontane (C36)	630-06-8	U30H007	99%	200.0 µg/mL	+/- 5.1667
17	n-Octatriacontane (C38)	7194-85-6	0000207852	96%	200.0 µg/mL	+/- 5.1667

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P14127 (13) → P14141 / 9/16/25

Catalog No. : 30542 **Lot No.:** A0226411

Description : NJEPH Aliphatics Matrix Spike Mix

NJEPH Aliphatics Matrix Spike Mix 200 µg/mL, n-Pentane, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : July 31, 2032 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	n-Nonane (C9)	111-84-2	SHBP9752	99%	200.3 µg/mL	+/- 5.1753
2	n-Decane (C10)	124-18-5	SHBS1019	99%	200.3 µg/mL	+/- 5.1753
3	n-Dodecane (C12)	112-40-3	SHBP7054	99%	200.0 µg/mL	+/- 5.1667
4	n-Tetradecane (C14)	629-59-4	STBL2522	99%	200.0 µg/mL	+/- 5.1667
5	n-Hexadecane (C16)	544-76-3	SHBR0670	99%	200.0 µg/mL	+/- 5.1667
6	n-Octadecane (C18)	593-45-3	UE5NG	99%	200.0 µg/mL	+/- 5.1667
7	n-Eicosane (C20)	112-95-8	MKCN8767	99%	200.0 µg/mL	+/- 5.1667
8	n-Heneicosane (C21)	629-94-7	MKCP1960	99%	200.3 µg/mL	+/- 5.1753
9	n-Docosane (C22)	629-97-0	MKCQ3729	99%	200.0 µg/mL	+/- 5.1667
10	n-Tetracosane (C24)	646-31-1	UH5GN	99%	200.0 µg/mL	+/- 5.1667
11	n-Hexacosane (C26)	630-01-3	MKCV0107	99%	200.0 µg/mL	+/- 5.1667
12	n-Octacosane (C28)	630-02-4	BCCM2091	99%	200.0 µg/mL	+/- 5.1667
13	n-Triacontane (C30)	638-68-6	MKCW9459	99%	200.0 µg/mL	+/- 5.1667
14	n-Dotriacontane (C32)	544-85-4	BCBW0661	99%	200.0 µg/mL	+/- 5.1667
15	n-Tetratriacontane (C34)	14167-59-0	6JNHB	99%	200.0 µg/mL	+/- 5.1667
16	n-Hexatriacontane (C36)	630-06-8	U30H007	99%	200.0 µg/mL	+/- 5.1667
17	n-Octatriacontane (C38)	7194-85-6	0000207852	96%	200.0 µg/mL	+/- 5.1667

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P14127 (13) → P14141 / 9/16/25

Catalog No. : 30542 **Lot No.:** A0226411

Description : NJEPH Aliphatics Matrix Spike Mix

NJEPH Aliphatics Matrix Spike Mix 200 µg/mL, n-Pentane, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : July 31, 2032 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	n-Nonane (C9)	111-84-2	SHBP9752	99%	200.3 µg/mL	+/- 5.1753
2	n-Decane (C10)	124-18-5	SHBS1019	99%	200.3 µg/mL	+/- 5.1753
3	n-Dodecane (C12)	112-40-3	SHBP7054	99%	200.0 µg/mL	+/- 5.1667
4	n-Tetradecane (C14)	629-59-4	STBL2522	99%	200.0 µg/mL	+/- 5.1667
5	n-Hexadecane (C16)	544-76-3	SHBR0670	99%	200.0 µg/mL	+/- 5.1667
6	n-Octadecane (C18)	593-45-3	UE5NG	99%	200.0 µg/mL	+/- 5.1667
7	n-Eicosane (C20)	112-95-8	MKCN8767	99%	200.0 µg/mL	+/- 5.1667
8	n-Heneicosane (C21)	629-94-7	MKCP1960	99%	200.3 µg/mL	+/- 5.1753
9	n-Docosane (C22)	629-97-0	MKCQ3729	99%	200.0 µg/mL	+/- 5.1667
10	n-Tetracosane (C24)	646-31-1	UH5GN	99%	200.0 µg/mL	+/- 5.1667
11	n-Hexacosane (C26)	630-01-3	MKCV0107	99%	200.0 µg/mL	+/- 5.1667
12	n-Octacosane (C28)	630-02-4	BCCM2091	99%	200.0 µg/mL	+/- 5.1667
13	n-Triacontane (C30)	638-68-6	MKCW9459	99%	200.0 µg/mL	+/- 5.1667
14	n-Dotriacontane (C32)	544-85-4	BCBW0661	99%	200.0 µg/mL	+/- 5.1667
15	n-Tetratriacontane (C34)	14167-59-0	6JNHB	99%	200.0 µg/mL	+/- 5.1667
16	n-Hexatriacontane (C36)	630-06-8	U30H007	99%	200.0 µg/mL	+/- 5.1667
17	n-Octatriacontane (C38)	7194-85-6	0000207852	96%	200.0 µg/mL	+/- 5.1667

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Certificate of Analysis

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P14127 (13) → P14141 / 9/16/25

Catalog No. : 30542 **Lot No.:** A0226411

Description : NJEPH Aliphatics Matrix Spike Mix

NJEPH Aliphatics Matrix Spike Mix 200 µg/mL, n-Pentane, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : July 31, 2032 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	n-Nonane (C9)	111-84-2	SHBP9752	99%	200.3 µg/mL	+/- 5.1753
2	n-Decane (C10)	124-18-5	SHBS1019	99%	200.3 µg/mL	+/- 5.1753
3	n-Dodecane (C12)	112-40-3	SHBP7054	99%	200.0 µg/mL	+/- 5.1667
4	n-Tetradecane (C14)	629-59-4	STBL2522	99%	200.0 µg/mL	+/- 5.1667
5	n-Hexadecane (C16)	544-76-3	SHBR0670	99%	200.0 µg/mL	+/- 5.1667
6	n-Octadecane (C18)	593-45-3	UE5NG	99%	200.0 µg/mL	+/- 5.1667
7	n-Eicosane (C20)	112-95-8	MKCN8767	99%	200.0 µg/mL	+/- 5.1667
8	n-Heneicosane (C21)	629-94-7	MKCP1960	99%	200.3 µg/mL	+/- 5.1753
9	n-Docosane (C22)	629-97-0	MKCQ3729	99%	200.0 µg/mL	+/- 5.1667
10	n-Tetracosane (C24)	646-31-1	UH5GN	99%	200.0 µg/mL	+/- 5.1667
11	n-Hexacosane (C26)	630-01-3	MKCV0107	99%	200.0 µg/mL	+/- 5.1667
12	n-Octacosane (C28)	630-02-4	BCCM2091	99%	200.0 µg/mL	+/- 5.1667
13	n-Triacontane (C30)	638-68-6	MKCW9459	99%	200.0 µg/mL	+/- 5.1667
14	n-Dotriacontane (C32)	544-85-4	BCBW0661	99%	200.0 µg/mL	+/- 5.1667
15	n-Tetratriacontane (C34)	14167-59-0	6JNHB	99%	200.0 µg/mL	+/- 5.1667
16	n-Hexatriacontane (C36)	630-06-8	U30H007	99%	200.0 µg/mL	+/- 5.1667
17	n-Octatriacontane (C38)	7194-85-6	0000207852	96%	200.0 µg/mL	+/- 5.1667

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P14127 (13) → P14141 / 9/16/25

Catalog No. : 30542 **Lot No.:** A0226411

Description : NJEPH Aliphatics Matrix Spike Mix

NJEPH Aliphatics Matrix Spike Mix 200 µg/mL, n-Pentane, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : July 31, 2032 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	n-Nonane (C9)	111-84-2	SHBP9752	99%	200.3 µg/mL	+/- 5.1753
2	n-Decane (C10)	124-18-5	SHBS1019	99%	200.3 µg/mL	+/- 5.1753
3	n-Dodecane (C12)	112-40-3	SHBP7054	99%	200.0 µg/mL	+/- 5.1667
4	n-Tetradecane (C14)	629-59-4	STBL2522	99%	200.0 µg/mL	+/- 5.1667
5	n-Hexadecane (C16)	544-76-3	SHBR0670	99%	200.0 µg/mL	+/- 5.1667
6	n-Octadecane (C18)	593-45-3	UE5NG	99%	200.0 µg/mL	+/- 5.1667
7	n-Eicosane (C20)	112-95-8	MKCN8767	99%	200.0 µg/mL	+/- 5.1667
8	n-Heneicosane (C21)	629-94-7	MKCP1960	99%	200.3 µg/mL	+/- 5.1753
9	n-Docosane (C22)	629-97-0	MKCQ3729	99%	200.0 µg/mL	+/- 5.1667
10	n-Tetracosane (C24)	646-31-1	UH5GN	99%	200.0 µg/mL	+/- 5.1667
11	n-Hexacosane (C26)	630-01-3	MKCV0107	99%	200.0 µg/mL	+/- 5.1667
12	n-Octacosane (C28)	630-02-4	BCCM2091	99%	200.0 µg/mL	+/- 5.1667
13	n-Triacontane (C30)	638-68-6	MKCW9459	99%	200.0 µg/mL	+/- 5.1667
14	n-Dotriacontane (C32)	544-85-4	BCBW0661	99%	200.0 µg/mL	+/- 5.1667
15	n-Tetratriacontane (C34)	14167-59-0	6JNHB	99%	200.0 µg/mL	+/- 5.1667
16	n-Hexatriacontane (C36)	630-06-8	U30H007	99%	200.0 µg/mL	+/- 5.1667
17	n-Octatriacontane (C38)	7194-85-6	0000207852	96%	200.0 µg/mL	+/- 5.1667

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P14127 (13) → P14141 / 9/16/25

Catalog No. : 30542 **Lot No.:** A0226411

Description : NJEPH Aliphatics Matrix Spike Mix

NJEPH Aliphatics Matrix Spike Mix 200 µg/mL, n-Pentane, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : July 31, 2032 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	n-Nonane (C9)	111-84-2	SHBP9752	99%	200.3 µg/mL	+/- 5.1753
2	n-Decane (C10)	124-18-5	SHBS1019	99%	200.3 µg/mL	+/- 5.1753
3	n-Dodecane (C12)	112-40-3	SHBP7054	99%	200.0 µg/mL	+/- 5.1667
4	n-Tetradecane (C14)	629-59-4	STBL2522	99%	200.0 µg/mL	+/- 5.1667
5	n-Hexadecane (C16)	544-76-3	SHBR0670	99%	200.0 µg/mL	+/- 5.1667
6	n-Octadecane (C18)	593-45-3	UE5NG	99%	200.0 µg/mL	+/- 5.1667
7	n-Eicosane (C20)	112-95-8	MKCN8767	99%	200.0 µg/mL	+/- 5.1667
8	n-Heneicosane (C21)	629-94-7	MKCP1960	99%	200.3 µg/mL	+/- 5.1753
9	n-Docosane (C22)	629-97-0	MKCQ3729	99%	200.0 µg/mL	+/- 5.1667
10	n-Tetracosane (C24)	646-31-1	UH5GN	99%	200.0 µg/mL	+/- 5.1667
11	n-Hexacosane (C26)	630-01-3	MKCV0107	99%	200.0 µg/mL	+/- 5.1667
12	n-Octacosane (C28)	630-02-4	BCCM2091	99%	200.0 µg/mL	+/- 5.1667
13	n-Triacontane (C30)	638-68-6	MKCW9459	99%	200.0 µg/mL	+/- 5.1667
14	n-Dotriacontane (C32)	544-85-4	BCBW0661	99%	200.0 µg/mL	+/- 5.1667
15	n-Tetratriacontane (C34)	14167-59-0	6JNHB	99%	200.0 µg/mL	+/- 5.1667
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P14127 (13) → P14141 / 9/16/25

Catalog No. : 30542 **Lot No.:** A0226411

Description : NJEPH Aliphatics Matrix Spike Mix

NJEPH Aliphatics Matrix Spike Mix 200 µg/mL, n-Pentane, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : July 31, 2032 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	n-Nonane (C9)	111-84-2	SHBP9752	99%	200.3 µg/mL	+/- 5.1753
2	n-Decane (C10)	124-18-5	SHBS1019	99%	200.3 µg/mL	+/- 5.1753
3	n-Dodecane (C12)	112-40-3	SHBP7054	99%	200.0 µg/mL	+/- 5.1667
4	n-Tetradecane (C14)	629-59-4	STBL2522	99%	200.0 µg/mL	+/- 5.1667
5	n-Hexadecane (C16)	544-76-3	SHBR0670	99%	200.0 µg/mL	+/- 5.1667
6	n-Octadecane (C18)	593-45-3	UE5NG	99%	200.0 µg/mL	+/- 5.1667
7	n-Eicosane (C20)	112-95-8	MKCN8767	99%	200.0 µg/mL	+/- 5.1667
8	n-Heneicosane (C21)	629-94-7	MKCP1960	99%	200.3 µg/mL	+/- 5.1753
9	n-Docosane (C22)	629-97-0	MKCQ3729	99%	200.0 µg/mL	+/- 5.1667
10	n-Tetracosane (C24)	646-31-1	UH5GN	99%	200.0 µg/mL	+/- 5.1667
11	n-Hexacosane (C26)	630-01-3	MKCV0107	99%	200.0 µg/mL	+/- 5.1667
12	n-Octacosane (C28)	630-02-4	BCCM2091	99%	200.0 µg/mL	+/- 5.1667
13	n-Triacontane (C30)	638-68-6	MKCW9459	99%	200.0 µg/mL	+/- 5.1667
14	n-Dotriacontane (C32)	544-85-4	BCBW0661	99%	200.0 µg/mL	+/- 5.1667
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P14127 (13) → P14141 / 9/16/25

Catalog No. : 30542 **Lot No.:** A0226411

Description : NJEPH Aliphatics Matrix Spike Mix

NJEPH Aliphatics Matrix Spike Mix 200 µg/mL, n-Pentane, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : July 31, 2032 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	n-Nonane (C9)	111-84-2	SHBP9752	99%	200.3 µg/mL	+/- 5.1753
2	n-Decane (C10)	124-18-5	SHBS1019	99%	200.3 µg/mL	+/- 5.1753
3	n-Dodecane (C12)	112-40-3	SHBP7054	99%	200.0 µg/mL	+/- 5.1667
4	n-Tetradecane (C14)	629-59-4	STBL2522	99%	200.0 µg/mL	+/- 5.1667
5	n-Hexadecane (C16)	544-76-3	SHBR0670	99%	200.0 µg/mL	+/- 5.1667
6	n-Octadecane (C18)	593-45-3	UE5NG	99%	200.0 µg/mL	+/- 5.1667
7	n-Eicosane (C20)	112-95-8	MKCN8767	99%	200.0 µg/mL	+/- 5.1667
8	n-Heneicosane (C21)	629-94-7	MKCP1960	99%	200.3 µg/mL	+/- 5.1753
9	n-Docosane (C22)	629-97-0	MKCQ3729	99%	200.0 µg/mL	+/- 5.1667
10	n-Tetracosane (C24)	646-31-1	UH5GN	99%	200.0 µg/mL	+/- 5.1667
11	n-Hexacosane (C26)	630-01-3	MKCV0107	99%	200.0 µg/mL	+/- 5.1667
12	n-Octacosane (C28)	630-02-4	BCCM2091	99%	200.0 µg/mL	+/- 5.1667
13	n-Triacontane (C30)	638-68-6	MKCW9459	99%	200.0 µg/mL	+/- 5.1667
14	n-Dotriacontane (C32)	544-85-4	BCBW0661	99%	200.0 µg/mL	+/- 5.1667
15	n-Tetratriacontane (C34)	14167-59-0	6JNHB	99%	200.0 µg/mL	+/- 5.1667
16	n-Hexatriacontane (C36)	630-06-8	U30H007	99%	200.0 µg/mL	+/- 5.1667
17	n-Octatriacontane (C38)	7194-85-6	0000207852	96%	200.0 µg/mL	+/- 5.1667

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110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P12361 ↓ P12370 } Y.P. 03/16/23

Catalog No. : 30540 **Lot No.:** A0190424

Description : NJEPH Aliphatics Calibration Standard

Aliphatics Calibration Standard 2000µg/mL, Hexane/Carbon Disulfide (80:20), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2029 **Storage:** 25°C nominal

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	n-Nonane (C9) **CAS #** 111-84-2 (Lot SHBN5361) **Purity** 99%	2,014.0 µg/mL	+/- 11.8193 µg/mL +/- 50.0027 µg/mL +/- 59.9491 µg/mL	Gravimetric Unstressed Stressed
2	n-Decane (C10) **CAS #** 124-18-5 (Lot SHBN8619) **Purity** 99%	2,014.7 µg/mL	+/- 11.8232 µg/mL +/- 50.0193 µg/mL +/- 59.9689 µg/mL	Gravimetric Unstressed Stressed
3	Naphthalene **CAS #** 91-20-3 (Lot MKCH0219) **Purity** 99%	2,015.3 µg/mL	+/- 11.8271 µg/mL +/- 50.0358 µg/mL +/- 59.9888 µg/mL	Gravimetric Unstressed Stressed
4	n-Dodecane (C12) **CAS #** 112-40-3 (Lot SHBN7174) **Purity** 99%	2,008.0 µg/mL	+/- 11.7841 µg/mL +/- 49.8538 µg/mL +/- 59.7705 µg/mL	Gravimetric Unstressed Stressed
5	2-Methylnaphthalene **CAS #** 91-57-6 (Lot STBK0259) **Purity** 96%	2,007.0 µg/mL	+/- 11.7784 µg/mL +/- 49.8299 µg/mL +/- 59.7419 µg/mL	Gravimetric Unstressed Stressed
6	n-Tetradecane (C14) **CAS #** 629-59-4 (Lot STBK2282) **Purity** 99%	2,016.7 µg/mL	+/- 11.8349 µg/mL +/- 50.0689 µg/mL +/- 60.0284 µg/mL	Gravimetric Unstressed Stressed
7	n-Hexadecane (C16) **CAS #** 544-76-3 (Lot SHBM4146) **Purity** 98%	2,014.9 µg/mL	+/- 11.8244 µg/mL +/- 50.0246 µg/mL +/- 59.9753 µg/mL	Gravimetric Unstressed Stressed

8	n-Octadecane (C18) **CAS #** 593-45-3 **Purity** 97%	(Lot VZKOJ)	2,004.7	µg/mL	+/- 11.7645 +/- 49.7710 +/- 59.6712	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
9	n-Eicosane (C20) **CAS #** 112-95-8 **Purity** 99%	(Lot MKCF7888)	2,018.0	µg/mL	+/- 11.8428 +/- 50.1020 +/- 60.0681	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
10	n-Heneicosane (C21) **CAS #** 629-94-7 **Purity** 99%	(Lot MKCL3226)	2,000.7	µg/mL	+/- 11.7410 +/- 49.6717 +/- 59.5522	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
11	n-Docosane (C22) **CAS #** 629-97-0 **Purity** 99%	(Lot MKCL8918)	2,005.3	µg/mL	+/- 11.7684 +/- 49.7876 +/- 59.6911	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
12	n-Tetracosane (C24) **CAS #** 646-31-1 **Purity** 99%	(Lot MKCN2863)	2,018.0	µg/mL	+/- 11.8428 +/- 50.1020 +/- 60.0681	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
13	n-Hexacosane (C26) **CAS #** 630-01-3 **Purity** 99%	(Lot MKCD4540)	2,014.0	µg/mL	+/- 11.8193 +/- 50.0027 +/- 59.9491	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
14	n-Octacosane (C28) **CAS #** 630-02-4 **Purity** 99%	(Lot BCCG0084)	2,002.0	µg/mL	+/- 11.7489 +/- 49.7048 +/- 59.5919	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
15	n-Triacontane (C30) **CAS #** 638-68-6 **Purity** 97%	(Lot MKCQ9436)	2,011.1	µg/mL	+/- 11.8025 +/- 49.9316 +/- 59.8637	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
16	n-Dotriacontane (C32) **CAS #** 544-85-4 **Purity** 99%	(Lot BCBW0661)	2,012.0	µg/mL	+/- 11.8075 +/- 49.9531 +/- 59.8895	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
17	n-Tetratriacontane (C34) **CAS #** 14167-59-0 **Purity** 99%	(Lot OML4N)	2,006.7	µg/mL	+/- 11.7762 +/- 49.8207 +/- 59.7308	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
18	n-Hexatriacontane (C36) **CAS #** 630-06-8 **Purity** 99%	(Lot Z27H018)	2,017.3	µg/mL	+/- 11.8388 +/- 50.0855 +/- 60.0483	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
19	n-Octatriacontane (C38) **CAS #** 7194-85-6 **Purity** 96%	(Lot 0000145137)	2,017.3	µg/mL	+/- 11.8385 +/- 50.0842 +/- 60.0467	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
20	n-Tetracontane (C40) **CAS #** 4181-95-7 **Purity** 99%	(Lot BSBME)	2,008.7	µg/mL	+/- 11.7880 +/- 49.8703 +/- 59.7903	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

Solvent: Hexane/Carbon disulfide (80:20)
CAS # 110-54-3/75-15-0
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

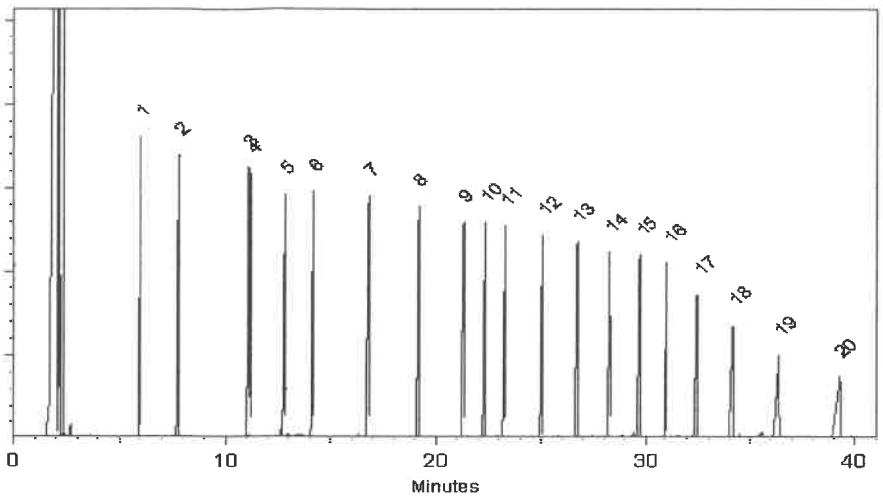
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

Date Mixed: 10-Oct-2022 **Balance:** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 20-Oct-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95899
Lot Number: 040524
Description: NJ EPH Aliphatic n-Hydrocarbons - Revised
20 components
Expiration Date: 040534
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

Solvent(s):	Lot#
Cyclohexane	28930

P13278 & P13287 } Y.P. 04111124

Formulated By:	Anthony Mahoney	040524 DATE
Reviewed By:	Pedro L. Rentas	040524 DATE

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 25.0 0.001 Flask Uncertainty
CAUTION: Sonicate Before Use

	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	2-Methylnaphthalene	(0214)	MKBF3783V	NA	NA	NA	1000	97	0.2	NA	0.02579	0.02594	1005.7	5.7	91-57-6	N/A	orl-rat 1630mg/kg
2.	Naphthalene	(0222)	MKBZ8680V	NA	NA	NA	1000	100	0.2	NA	0.02502	0.02511	1003.7	5.7	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
3.	n-Nonane	95708	120222	1.00	25.00	1000.7	1000	NA	NA	0.013	NA	NA	1000.0	4.2	111-84-2	200 ppm (1050mg/m3/8H)	ivn-mus 218mg/kg
4.	n-Decane	95708	**120222**	1.00	25.00	1000.9	1000	NA	NA	0.013	NA	NA	1000.2	4.2	124-18-5	N/A	N/A
5.	n-Dodecane	95708	120222	1.00	25.00	1000.7	1000	NA	NA	0.013	NA	NA	1000.0	4.2	112-40-3	N/A	ivn-mus 3494mg/kg
6.	n-Tetradecane	95708	120222	1.00	25.00	1002.1	1000	NA	NA	0.013	NA	NA	1001.3	4.2	629-59-4	N/A	N/A
7.	n-Hexadecane	95708	120222	1.00	25.00	1000.5	1000	NA	NA	0.013	NA	NA	999.7	4.2	544-76-3	N/A	N/A
8.	n-Octadecane	95708	120222	1.00	25.00	1001.0	1000	NA	NA	0.013	NA	NA	1000.3	4.1	593-45-3	N/A	N/A
9.	n-Eicosane	95708	120222	1.00	25.00	1001.0	1000	NA	NA	0.013	NA	NA	1000.3	4.2	112-95-8	N/A	N/A
10.	n-Heneicosane	95708	120222	1.00	25.00	1002.4	1000	NA	NA	0.013	NA	NA	1001.6	4.2	629-94-7	N/A	N/A
11.	n-Docosane	95708	120222	1.00	25.00	1001.9	1000	NA	NA	0.013	NA	NA	1001.2	4.2	629-97-0	N/A	N/A
12.	n-Tetracosane	95708	120222	1.00	25.00	1000.8	1000	NA	NA	0.013	NA	NA	1000.1	4.2	646-31-1	N/A	N/A
13.	n-Hexacosane	95708	120222	1.00	25.00	1001.2	1000	NA	NA	0.013	NA	NA	1000.4	4.2	630-01-3	N/A	N/A
14.	n-Octacosane	95708	120222	1.00	25.00	1000.5	1000	NA	NA	0.013	NA	NA	999.8	4.2	630-02-4	N/A	N/A
15.	n-Triacontane	95708	120222	1.00	25.00	1000.5	1000	NA	NA	0.013	NA	NA	999.8	4.2	638-68-6	N/A	N/A
16.	n-Dotriacontane	95708	120222	1.00	25.00	1000.5	1000	NA	NA	0.013	NA	NA	999.8	4.3	544-85-4	N/A	ivn-mus 100mg/kg
17.	n-Tetratriacontane	95708	120222	1.00	25.00	1000.4	1000	NA	NA	0.013	NA	NA	999.7	4.2	14167-59-0	N/A	N/A
18.	n-Hexatriacontane	95708	120222	1.00	25.00	1001.5	1000	NA	NA	0.013	NA	NA	1000.8	4.2	630-06-8	N/A	N/A
19.	n-Octatriacontane	95708	120222	1.00	25.00	1000.3	1000	NA	NA	0.013	NA	NA	999.6	4.3	7194-85-6	N/A	N/A
20.	n-Tetracontane	95708	120222	1.00	25.00	1000.6	1000	NA	NA	0.013	NA	NA	999.9	4.3	4181-95-7	N/A	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

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Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95899
Lot Number: 040524
Description: NJ EPH Aliphatic n-Hydrocarbons - Revised
20 components
Expiration Date: 040534
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

Solvent(s):	Lot#
Cyclohexane	28930

P13278 & P13287 } Y.P. 04111124

Formulated By:	Anthony Mahoney	040524 DATE
Reviewed By:	Pedro L. Rentas	040524 DATE

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 25.0 0.001 Flask Uncertainty
CAUTION: Sonicate Before Use

	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	2-Methylnaphthalene	(0214)	MKBF3783V	NA	NA	NA	1000	97	0.2	NA	0.02579	0.02594	1005.7	5.7	91-57-6	N/A	orl-rat 1630mg/kg
2.	Naphthalene	(0222)	MKBZ8680V	NA	NA	NA	1000	100	0.2	NA	0.02502	0.02511	1003.7	5.7	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
3.	n-Nonane	95708	120222	1.00	25.00	1000.7	1000	NA	NA	0.013	NA	NA	1000.0	4.2	111-84-2	200 ppm (1050mg/m3/8H)	ivn-mus 218mg/kg
4.	n-Decane	95708	**120222**	1.00	25.00	1000.9	1000	NA	NA	0.013	NA	NA	1000.2	4.2	124-18-5	N/A	N/A
5.	n-Dodecane	95708	120222	1.00	25.00	1000.7	1000	NA	NA	0.013	NA	NA	1000.0	4.2	112-40-3	N/A	ivn-mus 3494mg/kg
6.	n-Tetradecane	95708	120222	1.00	25.00	1002.1	1000	NA	NA	0.013	NA	NA	1001.3	4.2	629-59-4	N/A	N/A
7.	n-Hexadecane	95708	120222	1.00	25.00	1000.5	1000	NA	NA	0.013	NA	NA	999.7	4.2	544-76-3	N/A	N/A
8.	n-Octadecane	95708	120222	1.00	25.00	1001.0	1000	NA	NA	0.013	NA	NA	1000.3	4.1	593-45-3	N/A	N/A
9.	n-Eicosane	95708	120222	1.00	25.00	1001.0	1000	NA	NA	0.013	NA	NA	1000.3	4.2	112-95-8	N/A	N/A
10.	n-Heneicosane	95708	120222	1.00	25.00	1002.4	1000	NA	NA	0.013	NA	NA	1001.6	4.2	629-94-7	N/A	N/A
11.	n-Docosane	95708	120222	1.00	25.00	1001.9	1000	NA	NA	0.013	NA	NA	1001.2	4.2	629-97-0	N/A	N/A
12.	n-Tetracosane	95708	120222	1.00	25.00	1000.8	1000	NA	NA	0.013	NA	NA	1000.1	4.2	646-31-1	N/A	N/A
13.	n-Hexacosane	95708	120222	1.00	25.00	1001.2	1000	NA	NA	0.013	NA	NA	1000.4	4.2	630-01-3	N/A	N/A
14.	n-Octacosane	95708	120222	1.00	25.00	1000.5	1000	NA	NA	0.013	NA	NA	999.8	4.2	630-02-4	N/A	N/A
15.	n-Triacontane	95708	120222	1.00	25.00	1000.5	1000	NA	NA	0.013	NA	NA	999.8	4.2	638-68-6	N/A	N/A
16.	n-Dotriacontane	95708	120222	1.00	25.00	1000.5	1000	NA	NA	0.013	NA	NA	999.8	4.3	544-85-4	N/A	ivn-mus 100mg/kg
17.	n-Tetratriacontane	95708	120222	1.00	25.00	1000.4	1000	NA	NA	0.013	NA	NA	999.7	4.2	14167-59-0	N/A	N/A
18.	n-Hexatriacontane	95708	120222	1.00	25.00	1001.5	1000	NA	NA	0.013	NA	NA	1000.8	4.2	630-06-8	N/A	N/A
19.	n-Octatriacontane	95708	120222	1.00	25.00	1000.3	1000	NA	NA	0.013	NA	NA	999.6	4.3	7194-85-6	N/A	N/A
20.	n-Tetracontane	95708	120222	1.00	25.00	1000.6	1000	NA	NA	0.013	NA	NA	999.9	4.3	4181-95-7	N/A	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31098 **Lot No.:** A0213283

Description : 1-Chlorooctadecane Standard

1-Chlorooctadecane Standard 10,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2031 **Storage:** 10°C or colder

Ship: Ambient

P13595
↓
P13624
Y.P.
10/16/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1-Chlorooctadecane	3386-33-2	15018900	99%	10,058.0 µg/mL	+/- 565.0578

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

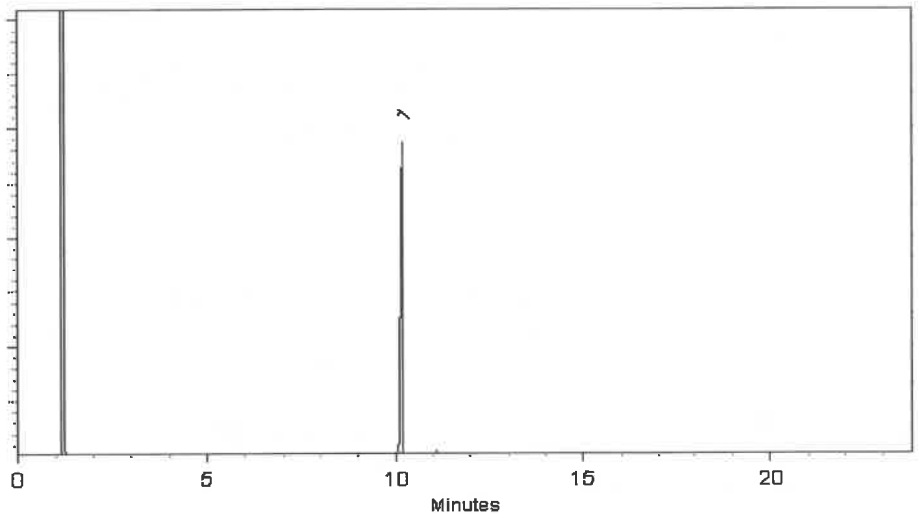
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 28-Jun-2024 **Balance Serial #** B345965662

Dillan Murphy - Operations Technician I

Date Passed: 01-Jul-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31097 **Lot No.:** A0216631

Description : o-Terphenyl Standard

o-Terphenyl Standard 10,000 µg/mL, Methylene Chloride, 1mL/ampul

P13645 ↓ P13694 } Y.P. 10/16/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2028 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	o-Terphenyl	84-15-1	GKSSA	99%	10,065.0 µg/mL	+/- 453.3336

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

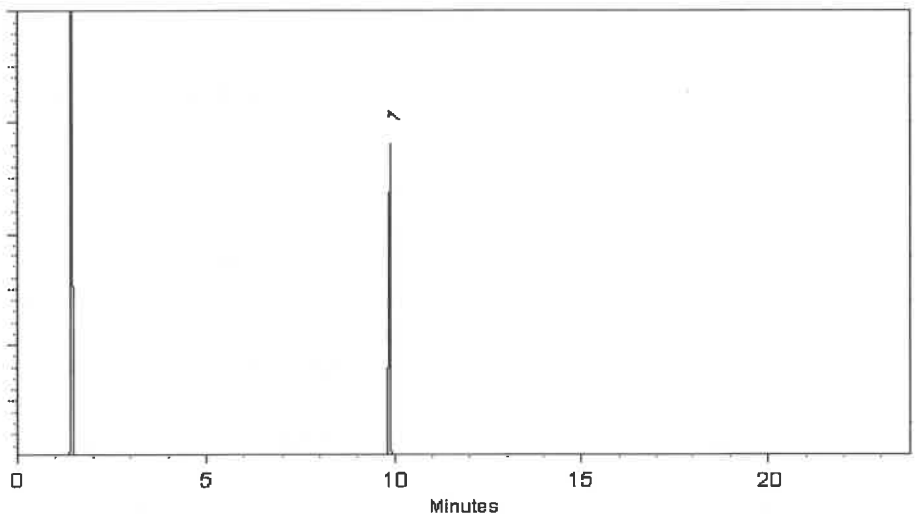
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Ven Kelley - Operations Tech I

Date Mixed: 17-Sep-2024 **Balance Serial #** 1128353505

Dillan Murphy - Operations Technician I

Date Passed: 23-Sep-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31098 **Lot No.:** A0225485

Description : 1-Chlorooctadecane Standard

1-Chlorooctadecane Standard 10,000µg/mL, Methylene Chloride, 1mL/ampul

P140028 ↓ P140042 RC 6/2/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2032 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1-Chlorooctadecane	3386-33-2	15711200	99%	10,006.8 µg/mL	+/- 562.1814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

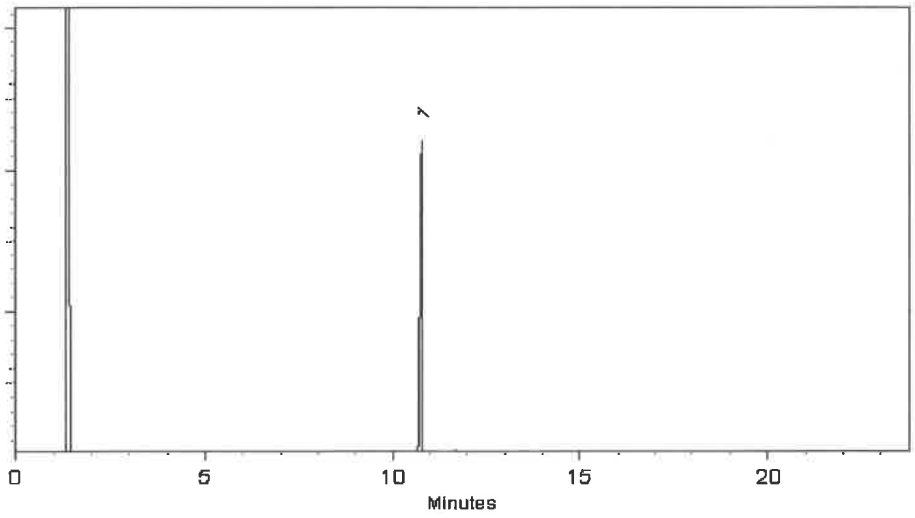
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
1µl



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Sam Moodler - Operations Tech I

Date Mixed: 08-May-2025 **Balance Serial #** 1128360905

Brittany Federinko - Operations Tech II

Date Passed: 13-May-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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1-Chlorooctadecane Standard 10,000µg/mL, Methylene Chloride, 1mL/ampul

P140028 ↓ P140042 RC 6/2/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2032 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1-Chlorooctadecane	3386-33-2	15711200	99%	10,006.8 µg/mL	+/- 562.1814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
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Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

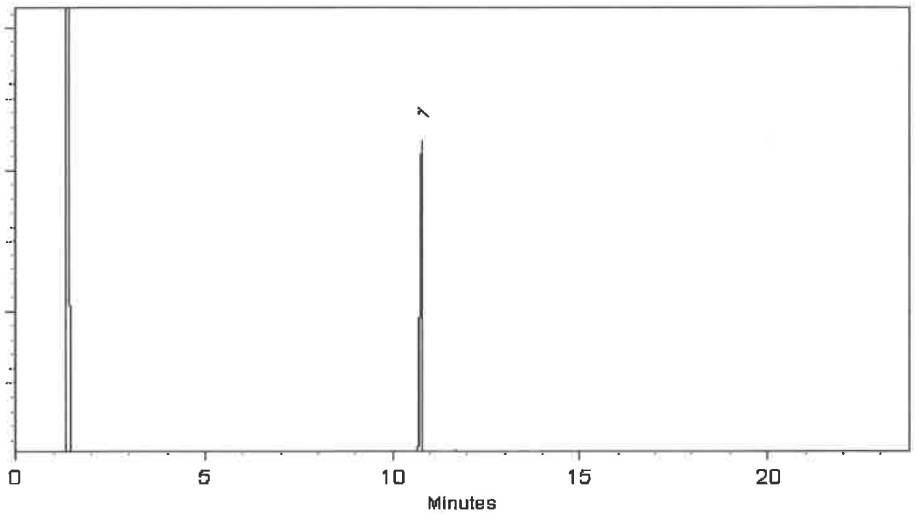
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
1µl



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1-Chlorooctadecane Standard 10,000µg/mL, Methylene Chloride, 1mL/ampul

P140028 ↓ P140042 RC 6/2/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2032 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1-Chlorooctadecane	3386-33-2	15711200	99%	10,006.8 µg/mL	+/- 562.1814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
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Temp. Program:
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@ 20°C/min. (hold 10 min.)

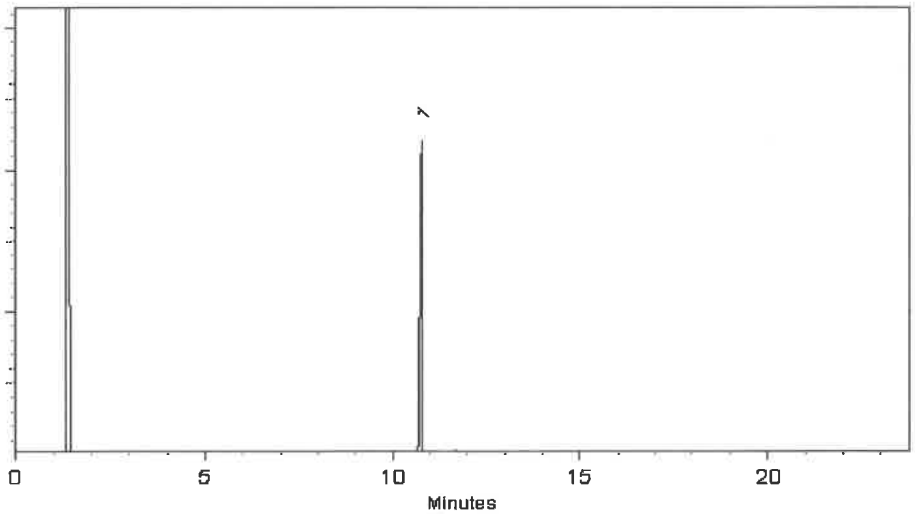
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
1µl



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Sam Moodler - Operations Tech I

Date Mixed: 08-May-2025 **Balance Serial #** 1128360905

Brittany Federinko - Operations Tech II

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Catalog No. : 31098 **Lot No.:** A0225485

Description : 1-Chlorooctadecane Standard

1-Chlorooctadecane Standard 10,000µg/mL, Methylene Chloride, 1mL/ampul

P140028 ↓ P140042 RC 6/2/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2032 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1-Chlorooctadecane	3386-33-2	15711200	99%	10,006.8 µg/mL	+/- 562.1814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
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@ 20°C/min. (hold 10 min.)

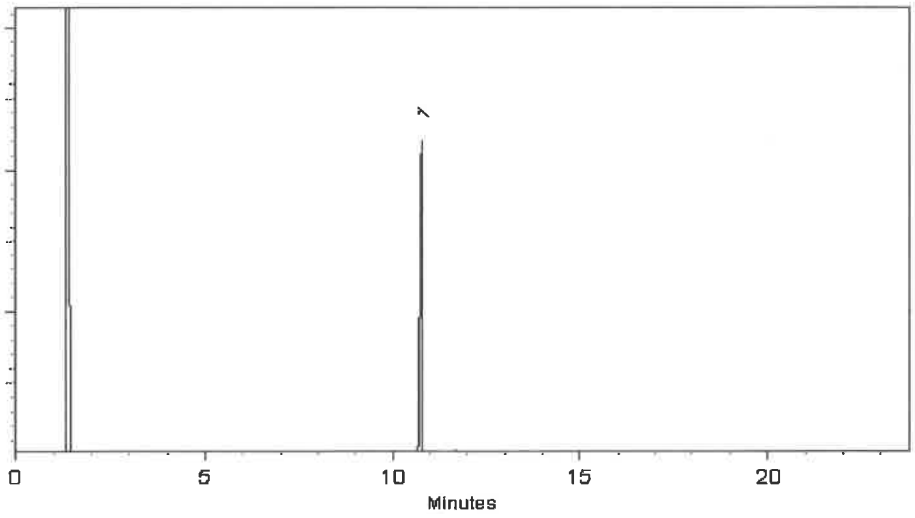
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
1µl



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Sam Moodler - Operations Tech I

Date Mixed: 08-May-2025 **Balance Serial #** 1128360905

Brittany Federinko - Operations Tech II

Date Passed: 13-May-2025

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Catalog No. : 31098 **Lot No.:** A0225485

Description : 1-Chlorooctadecane Standard

1-Chlorooctadecane Standard 10,000µg/mL, Methylene Chloride, 1mL/ampul

P140028 ↓ P140042 RC 6/2/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2032 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1-Chlorooctadecane	3386-33-2	15711200	99%	10,006.8 µg/mL	+/- 562.1814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
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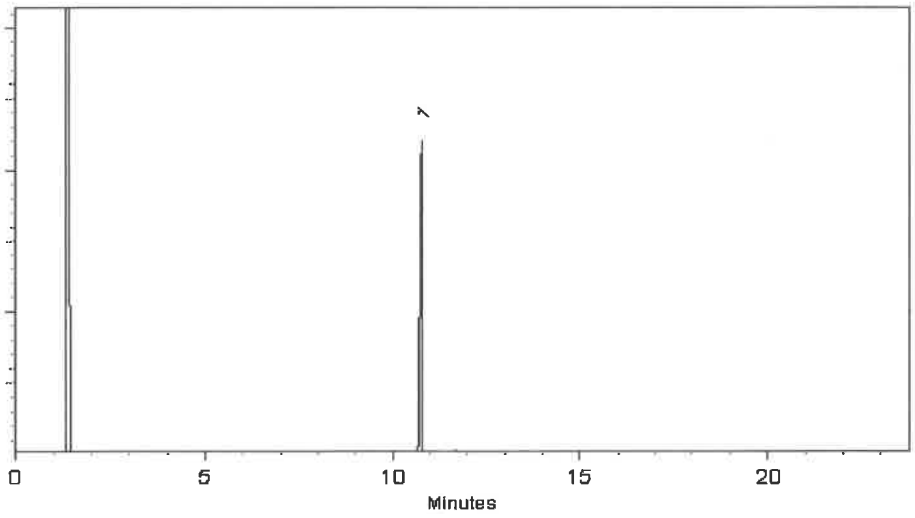
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 08-May-2025 **Balance Serial #** 1128360905

Brittany Federinko - Operations Tech II

Date Passed: 13-May-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31480 **Lot No.:** A0227585

Description : MA Fractionation Surrogate Spike Mix

MA Fractionation Surrogate Spike Mix 4000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorobiphenyl	321-60-8	00024555	99%	4,006.0 µg/mL	+/- 180.4609
2	2-Bromonaphthalene	580-13-2	STBC5362V	99%	4,012.0 µg/mL	+/- 180.7312

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P14170
↓
P14189
(20)

10/3/2025

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Certificate #3222.02

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31480 **Lot No.:** A0227585

Description : MA Fractionation Surrogate Spike Mix

MA Fractionation Surrogate Spike Mix 4000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorobiphenyl	321-60-8	00024555	99%	4,006.0 µg/mL	+/- 180.4609
2	2-Bromonaphthalene	580-13-2	STBC5362V	99%	4,012.0 µg/mL	+/- 180.7312

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P14170
↓
P14189
(20)

10/3/2025

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Catalog No. : 31480 **Lot No.:** A0227585

Description : MA Fractionation Surrogate Spike Mix

MA Fractionation Surrogate Spike Mix 4000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorobiphenyl	321-60-8	00024555	99%	4,006.0 µg/mL	+/- 180.4609
2	2-Bromonaphthalene	580-13-2	STBC5362V	99%	4,012.0 µg/mL	+/- 180.7312

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P14170
↓
P14189
(20)

10/3/2025

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Catalog No. : 31480 **Lot No.:** A0227585

Description : MA Fractionation Surrogate Spike Mix

MA Fractionation Surrogate Spike Mix 4000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorobiphenyl	321-60-8	00024555	99%	4,006.0 µg/mL	+/- 180.4609
2	2-Bromonaphthalene	580-13-2	STBC5362V	99%	4,012.0 µg/mL	+/- 180.7312

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P14170
↓
P14189
(20)

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P14195 (40) → P14234

Catalog No. : 30543 **Lot No.:** A0231145

Description : NJEPH Aromatics Matrix Spike Mix

NJEPH Aromatics Matrix Spike Mix 200µg/mL, Acetone/Toluene (50:50), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

10/21/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	200.7 µg/mL	+/- 9.0431
2	Naphthalene	91-20-3	STBK9311	99%	200.8 µg/mL	+/- 9.0474
3	2-Methylnaphthalene	91-57-6	STBL3028	99%	200.4 µg/mL	+/- 9.0294
4	Acenaphthylene	208-96-8	214935V18H	95%	200.6 µg/mL	+/- 9.0402
5	Acenaphthene	83-32-9	MKCV8166	99%	200.0 µg/mL	+/- 9.0114
6	Fluorene	86-73-7	10246250	98%	201.1 µg/mL	+/- 9.0608
7	Phenanthrene	85-01-8	MKCV8193	99%	200.4 µg/mL	+/- 9.0294
8	Anthracene	120-12-7	MKCW9141	99%	201.2 µg/mL	+/- 9.0655
9	Fluoranthene	206-44-0	A0458721	99%	200.8 µg/mL	+/- 9.0474
10	Pyrene	129-00-0	BCCL8032	99%	200.8 µg/mL	+/- 9.0474
11	Benz(a)anthracene	56-55-3	I80012022BAA	99%	200.8 µg/mL	+/- 9.0474
12	Chrysene	218-01-9	RP250926RSR	99%	200.4 µg/mL	+/- 9.0294
13	Benzo(b)fluoranthene	205-99-2	022013B	99%	200.8 µg/mL	+/- 9.0474
14	Benzo(k)fluoranthene	207-08-9	012022K	99%	201.2 µg/mL	+/- 9.0655
15	Benzo(a)pyrene	50-32-8	NQLXA	98%	200.7 µg/mL	+/- 9.0431
16	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	200.8 µg/mL	+/- 9.0474

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P14195 (40) → P14234

Catalog No. : 30543 **Lot No.:** A0231145

Description : NJEPH Aromatics Matrix Spike Mix

NJEPH Aromatics Matrix Spike Mix 200µg/mL, Acetone/Toluene (50:50), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

10/21/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	200.7 µg/mL	+/- 9.0431
2	Naphthalene	91-20-3	STBK9311	99%	200.8 µg/mL	+/- 9.0474
3	2-Methylnaphthalene	91-57-6	STBL3028	99%	200.4 µg/mL	+/- 9.0294
4	Acenaphthylene	208-96-8	214935V18H	95%	200.6 µg/mL	+/- 9.0402
5	Acenaphthene	83-32-9	MKCV8166	99%	200.0 µg/mL	+/- 9.0114
6	Fluorene	86-73-7	10246250	98%	201.1 µg/mL	+/- 9.0608
7	Phenanthrene	85-01-8	MKCV8193	99%	200.4 µg/mL	+/- 9.0294
8	Anthracene	120-12-7	MKCW9141	99%	201.2 µg/mL	+/- 9.0655
9	Fluoranthene	206-44-0	A0458721	99%	200.8 µg/mL	+/- 9.0474
10	Pyrene	129-00-0	BCCL8032	99%	200.8 µg/mL	+/- 9.0474
11	Benz(a)anthracene	56-55-3	I80012022BAA	99%	200.8 µg/mL	+/- 9.0474
12	Chrysene	218-01-9	RP250926RSR	99%	200.4 µg/mL	+/- 9.0294
13	Benzo(b)fluoranthene	205-99-2	022013B	99%	200.8 µg/mL	+/- 9.0474
14	Benzo(k)fluoranthene	207-08-9	012022K	99%	201.2 µg/mL	+/- 9.0655
15	Benzo(a)pyrene	50-32-8	NQLXA	98%	200.7 µg/mL	+/- 9.0431
16	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	200.8 µg/mL	+/- 9.0474

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P14195 (40) → P14234

Catalog No. : 30543 **Lot No.:** A0231145

Description : NJEPH Aromatics Matrix Spike Mix

NJEPH Aromatics Matrix Spike Mix 200µg/mL, Acetone/Toluene (50:50), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

10/21/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	200.7 µg/mL	+/- 9.0431
2	Naphthalene	91-20-3	STBK9311	99%	200.8 µg/mL	+/- 9.0474
3	2-Methylnaphthalene	91-57-6	STBL3028	99%	200.4 µg/mL	+/- 9.0294
4	Acenaphthylene	208-96-8	214935V18H	95%	200.6 µg/mL	+/- 9.0402
5	Acenaphthene	83-32-9	MKCV8166	99%	200.0 µg/mL	+/- 9.0114
6	Fluorene	86-73-7	10246250	98%	201.1 µg/mL	+/- 9.0608
7	Phenanthrene	85-01-8	MKCV8193	99%	200.4 µg/mL	+/- 9.0294
8	Anthracene	120-12-7	MKCW9141	99%	201.2 µg/mL	+/- 9.0655
9	Fluoranthene	206-44-0	A0458721	99%	200.8 µg/mL	+/- 9.0474
10	Pyrene	129-00-0	BCCL8032	99%	200.8 µg/mL	+/- 9.0474
11	Benz(a)anthracene	56-55-3	I80012022BAA	99%	200.8 µg/mL	+/- 9.0474
12	Chrysene	218-01-9	RP250926RSR	99%	200.4 µg/mL	+/- 9.0294
13	Benzo(b)fluoranthene	205-99-2	022013B	99%	200.8 µg/mL	+/- 9.0474
14	Benzo(k)fluoranthene	207-08-9	012022K	99%	201.2 µg/mL	+/- 9.0655
15	Benzo(a)pyrene	50-32-8	NQLXA	98%	200.7 µg/mL	+/- 9.0431
16	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	200.8 µg/mL	+/- 9.0474

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P14195 (40) → P14234

Catalog No. : 30543 **Lot No.:** A0231145

Description : NJEPH Aromatics Matrix Spike Mix

NJEPH Aromatics Matrix Spike Mix 200µg/mL, Acetone/Toluene (50:50), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

10/21/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	200.7 µg/mL	+/- 9.0431
2	Naphthalene	91-20-3	STBK9311	99%	200.8 µg/mL	+/- 9.0474
3	2-Methylnaphthalene	91-57-6	STBL3028	99%	200.4 µg/mL	+/- 9.0294
4	Acenaphthylene	208-96-8	214935V18H	95%	200.6 µg/mL	+/- 9.0402
5	Acenaphthene	83-32-9	MKCV8166	99%	200.0 µg/mL	+/- 9.0114
6	Fluorene	86-73-7	10246250	98%	201.1 µg/mL	+/- 9.0608
7	Phenanthrene	85-01-8	MKCV8193	99%	200.4 µg/mL	+/- 9.0294
8	Anthracene	120-12-7	MKCW9141	99%	201.2 µg/mL	+/- 9.0655
9	Fluoranthene	206-44-0	A0458721	99%	200.8 µg/mL	+/- 9.0474
10	Pyrene	129-00-0	BCCL8032	99%	200.8 µg/mL	+/- 9.0474
11	Benz(a)anthracene	56-55-3	I80012022BAA	99%	200.8 µg/mL	+/- 9.0474
12	Chrysene	218-01-9	RP250926RSR	99%	200.4 µg/mL	+/- 9.0294
13	Benzo(b)fluoranthene	205-99-2	022013B	99%	200.8 µg/mL	+/- 9.0474
14	Benzo(k)fluoranthene	207-08-9	012022K	99%	201.2 µg/mL	+/- 9.0655
15	Benzo(a)pyrene	50-32-8	NQLXA	98%	200.7 µg/mL	+/- 9.0431
16	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	200.8 µg/mL	+/- 9.0474

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P14195 (40) → P14234

Catalog No. : 30543 **Lot No.:** A0231145

Description : NJEPH Aromatics Matrix Spike Mix

NJEPH Aromatics Matrix Spike Mix 200µg/mL, Acetone/Toluene (50:50), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

10/21/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	200.7 µg/mL	+/- 9.0431
2	Naphthalene	91-20-3	STBK9311	99%	200.8 µg/mL	+/- 9.0474
3	2-Methylnaphthalene	91-57-6	STBL3028	99%	200.4 µg/mL	+/- 9.0294
4	Acenaphthylene	208-96-8	214935V18H	95%	200.6 µg/mL	+/- 9.0402
5	Acenaphthene	83-32-9	MKCV8166	99%	200.0 µg/mL	+/- 9.0114
6	Fluorene	86-73-7	10246250	98%	201.1 µg/mL	+/- 9.0608
7	Phenanthrene	85-01-8	MKCV8193	99%	200.4 µg/mL	+/- 9.0294
8	Anthracene	120-12-7	MKCW9141	99%	201.2 µg/mL	+/- 9.0655
9	Fluoranthene	206-44-0	A0458721	99%	200.8 µg/mL	+/- 9.0474
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11	Benz(a)anthracene	56-55-3	I80012022BAA	99%	200.8 µg/mL	+/- 9.0474
12	Chrysene	218-01-9	RP250926RSR	99%	200.4 µg/mL	+/- 9.0294
13	Benzo(b)fluoranthene	205-99-2	022013B	99%	200.8 µg/mL	+/- 9.0474
14	Benzo(k)fluoranthene	207-08-9	012022K	99%	201.2 µg/mL	+/- 9.0655
15	Benzo(a)pyrene	50-32-8	NQLXA	98%	200.7 µg/mL	+/- 9.0431
16	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	200.8 µg/mL	+/- 9.0474

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P14195 (40) → P14234

Catalog No. : 30543 **Lot No.:** A0231145

Description : NJEPH Aromatics Matrix Spike Mix

NJEPH Aromatics Matrix Spike Mix 200µg/mL, Acetone/Toluene (50:50), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

10/21/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	200.7 µg/mL	+/- 9.0431
2	Naphthalene	91-20-3	STBK9311	99%	200.8 µg/mL	+/- 9.0474
3	2-Methylnaphthalene	91-57-6	STBL3028	99%	200.4 µg/mL	+/- 9.0294
4	Acenaphthylene	208-96-8	214935V18H	95%	200.6 µg/mL	+/- 9.0402
5	Acenaphthene	83-32-9	MKCV8166	99%	200.0 µg/mL	+/- 9.0114
6	Fluorene	86-73-7	10246250	98%	201.1 µg/mL	+/- 9.0608
7	Phenanthrene	85-01-8	MKCV8193	99%	200.4 µg/mL	+/- 9.0294
8	Anthracene	120-12-7	MKCW9141	99%	201.2 µg/mL	+/- 9.0655
9	Fluoranthene	206-44-0	A0458721	99%	200.8 µg/mL	+/- 9.0474
10	Pyrene	129-00-0	BCCL8032	99%	200.8 µg/mL	+/- 9.0474
11	Benz(a)anthracene	56-55-3	I80012022BAA	99%	200.8 µg/mL	+/- 9.0474
12	Chrysene	218-01-9	RP250926RSR	99%	200.4 µg/mL	+/- 9.0294
13	Benzo(b)fluoranthene	205-99-2	022013B	99%	200.8 µg/mL	+/- 9.0474
14	Benzo(k)fluoranthene	207-08-9	012022K	99%	201.2 µg/mL	+/- 9.0655
15	Benzo(a)pyrene	50-32-8	NQLXA	98%	200.7 µg/mL	+/- 9.0431
16	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	200.8 µg/mL	+/- 9.0474

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P14195 (40) → P14234

Catalog No. : 30543 **Lot No.:** A0231145

Description : NJEPH Aromatics Matrix Spike Mix

NJEPH Aromatics Matrix Spike Mix 200µg/mL, Acetone/Toluene (50:50), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

10/21/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	200.7 µg/mL	+/- 9.0431
2	Naphthalene	91-20-3	STBK9311	99%	200.8 µg/mL	+/- 9.0474
3	2-Methylnaphthalene	91-57-6	STBL3028	99%	200.4 µg/mL	+/- 9.0294
4	Acenaphthylene	208-96-8	214935V18H	95%	200.6 µg/mL	+/- 9.0402
5	Acenaphthene	83-32-9	MKCV8166	99%	200.0 µg/mL	+/- 9.0114
6	Fluorene	86-73-7	10246250	98%	201.1 µg/mL	+/- 9.0608
7	Phenanthrene	85-01-8	MKCV8193	99%	200.4 µg/mL	+/- 9.0294
8	Anthracene	120-12-7	MKCW9141	99%	201.2 µg/mL	+/- 9.0655
9	Fluoranthene	206-44-0	A0458721	99%	200.8 µg/mL	+/- 9.0474
10	Pyrene	129-00-0	BCCL8032	99%	200.8 µg/mL	+/- 9.0474
11	Benz(a)anthracene	56-55-3	I80012022BAA	99%	200.8 µg/mL	+/- 9.0474
12	Chrysene	218-01-9	RP250926RSR	99%	200.4 µg/mL	+/- 9.0294
13	Benzo(b)fluoranthene	205-99-2	022013B	99%	200.8 µg/mL	+/- 9.0474
14	Benzo(k)fluoranthene	207-08-9	012022K	99%	201.2 µg/mL	+/- 9.0655
15	Benzo(a)pyrene	50-32-8	NQLXA	98%	200.7 µg/mL	+/- 9.0431
16	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	200.8 µg/mL	+/- 9.0474

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P14195 (40) → P14234

Catalog No. : 30543 **Lot No.:** A0231145

Description : NJEPH Aromatics Matrix Spike Mix

NJEPH Aromatics Matrix Spike Mix 200µg/mL, Acetone/Toluene (50:50), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

10/21/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	200.7 µg/mL	+/- 9.0431
2	Naphthalene	91-20-3	STBK9311	99%	200.8 µg/mL	+/- 9.0474
3	2-Methylnaphthalene	91-57-6	STBL3028	99%	200.4 µg/mL	+/- 9.0294
4	Acenaphthylene	208-96-8	214935V18H	95%	200.6 µg/mL	+/- 9.0402
5	Acenaphthene	83-32-9	MKCV8166	99%	200.0 µg/mL	+/- 9.0114
6	Fluorene	86-73-7	10246250	98%	201.1 µg/mL	+/- 9.0608
7	Phenanthrene	85-01-8	MKCV8193	99%	200.4 µg/mL	+/- 9.0294
8	Anthracene	120-12-7	MKCW9141	99%	201.2 µg/mL	+/- 9.0655
9	Fluoranthene	206-44-0	A0458721	99%	200.8 µg/mL	+/- 9.0474
10	Pyrene	129-00-0	BCCL8032	99%	200.8 µg/mL	+/- 9.0474
11	Benz(a)anthracene	56-55-3	I80012022BAA	99%	200.8 µg/mL	+/- 9.0474
12	Chrysene	218-01-9	RP250926RSR	99%	200.4 µg/mL	+/- 9.0294
13	Benzo(b)fluoranthene	205-99-2	022013B	99%	200.8 µg/mL	+/- 9.0474
14	Benzo(k)fluoranthene	207-08-9	012022K	99%	201.2 µg/mL	+/- 9.0655
15	Benzo(a)pyrene	50-32-8	NQLXA	98%	200.7 µg/mL	+/- 9.0431
16	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	200.8 µg/mL	+/- 9.0474

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P14195 (40) → P14234

Catalog No. : 30543 **Lot No.:** A0231145

Description : NJEPH Aromatics Matrix Spike Mix

NJEPH Aromatics Matrix Spike Mix 200µg/mL, Acetone/Toluene (50:50), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

10/21/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	200.7 µg/mL	+/- 9.0431
2	Naphthalene	91-20-3	STBK9311	99%	200.8 µg/mL	+/- 9.0474
3	2-Methylnaphthalene	91-57-6	STBL3028	99%	200.4 µg/mL	+/- 9.0294
4	Acenaphthylene	208-96-8	214935V18H	95%	200.6 µg/mL	+/- 9.0402
5	Acenaphthene	83-32-9	MKCV8166	99%	200.0 µg/mL	+/- 9.0114
6	Fluorene	86-73-7	10246250	98%	201.1 µg/mL	+/- 9.0608
7	Phenanthrene	85-01-8	MKCV8193	99%	200.4 µg/mL	+/- 9.0294
8	Anthracene	120-12-7	MKCW9141	99%	201.2 µg/mL	+/- 9.0655
9	Fluoranthene	206-44-0	A0458721	99%	200.8 µg/mL	+/- 9.0474
10	Pyrene	129-00-0	BCCL8032	99%	200.8 µg/mL	+/- 9.0474
11	Benz(a)anthracene	56-55-3	I80012022BAA	99%	200.8 µg/mL	+/- 9.0474
12	Chrysene	218-01-9	RP250926RSR	99%	200.4 µg/mL	+/- 9.0294
13	Benzo(b)fluoranthene	205-99-2	022013B	99%	200.8 µg/mL	+/- 9.0474
14	Benzo(k)fluoranthene	207-08-9	012022K	99%	201.2 µg/mL	+/- 9.0655
15	Benzo(a)pyrene	50-32-8	NQLXA	98%	200.7 µg/mL	+/- 9.0431
16	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	200.8 µg/mL	+/- 9.0474

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P14195 (40) → P14234

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Description : NJEPH Aromatics Matrix Spike Mix

NJEPH Aromatics Matrix Spike Mix 200µg/mL, Acetone/Toluene (50:50), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

10/21/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
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3	2-Methylnaphthalene	91-57-6	STBL3028	99%	200.4 µg/mL	+/- 9.0294
4	Acenaphthylene	208-96-8	214935V18H	95%	200.6 µg/mL	+/- 9.0402
5	Acenaphthene	83-32-9	MKCV8166	99%	200.0 µg/mL	+/- 9.0114
6	Fluorene	86-73-7	10246250	98%	201.1 µg/mL	+/- 9.0608
7	Phenanthrene	85-01-8	MKCV8193	99%	200.4 µg/mL	+/- 9.0294
8	Anthracene	120-12-7	MKCW9141	99%	201.2 µg/mL	+/- 9.0655
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15	Benzo(a)pyrene	50-32-8	NQLXA	98%	200.7 µg/mL	+/- 9.0431
16	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	200.8 µg/mL	+/- 9.0474

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

W3234 JB
Update: 07/28/2025

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700



SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO. Q3719
QUOTE NO.
COC Number 2047312

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@RVE.com
PHONE: 609-682-3049 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Saddler Property
PROJECT NO.: 04001.003 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#:
ADDRESS: 2059 Springdale Road
CITY Cherry Hill STATE: NJ ZIP: 08003
ATTENTION: Kyle Carlson PHONE: 609-682-3049

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 + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ Other _____
☑ EDD FORMAT NJ HazSite

ANALYSIS

1: TAL/TCL+30 2: VOCs 3: Cyanide 4: EPH Cat2 (gasoline) 5: 6: 7: 8: 9:

PRESERVATIVES

COMMENTS

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

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
								E	F	E	E						
1.	SB-1125-10A	Soil		X	11/24/25	1440	4	3	3	3	1						3 Encores = F
2.	SB-1125-10B	Soil		X	11/24/25	1500	4	3	3		1						
3.	SB-1125-11A	Soil		X	11/24/25	1405	4	3	3		1						
4.	SB-1125-11B	Soil		X	11/24/25	1415	4	3	3		1						
5.	SB-1125-12A	Soil		X	11/24/25	1220	7	3	3		1						
6.	SB-1125-12B	Soil		X	11/24/25	1230	7	3	3		1						
7.	SB-1125-14A	Soil		X	11/24/25	1615	7	3	3		1						
8.	SB-1125-14B	Soil		X	11/24/25	1620	7	3	3		1						
9.	SB-1125-15A	Soil		X	11/24/25	1540	7	3	3		1						
10.	SB-1125-15B	Soil		X	11/24/25	1555	7	3	3		1						

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Marc Carell via RVE	11/25/2025	1. 1025 11-25-25
2.		2.
3.	1155 11-25-25	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.1 °C
Comments: VOCs + Cyanid w/ TAL/TCL +30

Page 1 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO. Q3719
QUOTE NO.
COC Number 2047313

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@RVE.com
PHONE: 609-682-3049 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Saddle Property
PROJECT NO.: 04000003 LOCATION: Camden, NJ
PROJECT MANAGER: Kyle Carlson
e-mail: Kyle.Carlson@RVE.com
PHONE: 609-682-3049 FAX:

CLIENT BILLING INFORMATION

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

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 + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
☑ EDD FORMAT NJ Hazsite

ANALYSIS

1: TAL/TCL +30 2 3: VOCs 4: Cyanide 5: EPH Ca+2 (non Grossa) 6 7 8 9

PRESERVATIVES

E F E E

COMMENTS

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

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1.	SB-1125-16A	Soil		X	11/24/25	1340	7	3	3		1						F = Encores
2.	SB-1125-16B	Soil		X	11/24/25	1355	7	3	3		1						
3.	SB-1125-17A	Soil		X	11/24/25	1515	7	3	3		1						
4.	SB-1125-17B	Soil		X	11/24/25	1530	7	3	3		1						
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
1. Marco Conulli @ RVE	11/25/2025 800	1.	11-25-25 1025
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2.		2.	
RELINQUISHED BY SAMPLER:	DATE/TIME: 1155	RECEIVED BY:	
3.	11-25-25	3.	

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.1 °C
Comments: VOCs + Cyanide w/ TAL/TCL +30

Page 2 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

Laboratory Certification

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3719 REMI01
Client Name : Remington & Vernick
Client Contact : Justin Zarzecki
Invoice Name : Remington & Vernick
Invoice Contact : Justin Zarzecki

Order Date : 11/25/2025 11:38:47 AM
Project Name : Saddler Sadler Property
Receive DateTime : 11/25/2025 11:55:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : ~~EXCEL NJCLEANUP~~ NJ Reduced
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3719-01	SB-1125-10A	Solid	11/25/2025	14:40					
					VOC-TCLVOA-10	TCL+30/TAL	8260D		10 Bus. Days
Q3719-02	SB-1125-10B	Solid	11/25/2025	15:00					
					VOC-TCLVOA-10	TCL+30/TAL	8260D		10 Bus. Days
Q3719-03	SB-1125-11A	Solid	11/25/2025	14:05					
					VOC-TCLVOA-10	TCL+30/TAL	8260D		10 Bus. Days
Q3719-04	SB-1125-11B	Solid	11/25/2025	14:15					
					VOC-TCLVOA-10	TCL+30/TAL	8260D		10 Bus. Days
Q3719-05	SB-1125-12A	Solid	11/25/2025	12:20					
					VOC-TCLVOA-10	TCL+30/TAL	8260D		10 Bus. Days
Q3719-06	SB-1125-12B	Solid	11/25/2025	12:30					
					VOC-TCLVOA-10	TCL+30/TAL	8260D		10 Bus. Days
Q3719-07	SB-1125-14A	Solid	11/25/2025	16:15					
					VOC-TCLVOA-10	TCL+30/TAL	8260D		10 Bus. Days
Q3719-08	SB-1125-14B	Solid	11/25/2025	16:20					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3719 REMI01
Client Name : Remington & Vernick
Client Contact : Justin Zarzecki
Invoice Name : Remington & Vernick
Invoice Contact : Justin Zarzecki

Order Date : 11/25/2025 11:38:47 AM
Project Name : Sadler Property
Receive DateTime : 11/25/2025 11:55:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : EXCEL NJCLEANUP
Hard Copy Date : MJ Reduced
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	
Q3719-09	SB-1125-15A	Solid	11/25/2025	15:40					
					VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	
Q3719-10	SB-1125-15B	Solid	11/25/2025	15:55					
					VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	
Q3719-11	SB-1125-16A	Solid	11/25/2025	13:40					
					VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	
Q3719-12	SB-1125-16B	Solid	11/25/2025	13:55					
					VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	
Q3719-13	SB-1125-17A	Solid	11/25/2025	15:15					
					VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	
Q3719-14	SB-1125-17B	Solid	11/25/2025	15:30					
					VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	

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

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Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : ~~EXCEL NJCLEANUP~~
Hard Copy Date : MJ Request
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES

Relinguished By : CP
Date / Time : 11/25/25 1255

Received By : ARH
Date / Time : 11/25/25 13:00

Storage Area : VOA Refridgerator Room