

Cover Page

Order ID : Q2994

Project ID : Bayshore Soil BSM Management

Client : Core Environmental Consultants and Services, Inc.

Lab Sample Number

Q2994-01

Client Sample Number

PAULDING-WC1

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 9/4/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2994

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: KETAN PATEL

Date: 09/04/2025

LAB CHRONICLE

OrderID: Q2994	OrderDate: 8/29/2025 1:47:15 PM
Client: Core Environmental Consultants and Services, Inc.	Project: Bayshore Soil BSM Management
Contact: Ronald Tramosch	Location: D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2994-01	PAULDING-WC1	SOIL			08/29/25			08/29/25
			PCB	8082A		09/02/25	09/02/25	
			Pesticide-TCL	8081B		09/02/25	09/02/25	
			EPH_NF	NJEPH		09/02/25	09/02/25	



QC SUMMARY



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

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: CORE02
Lab Code: ACE SDG No.: Q2994
Run Number: FE090325AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB169491BL	87	84		0
PB169491BS	62	59		0
PB169491BSD	62	59		0

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

ortho-Terphenyl (SURR)

(40-140)

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

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: CORE02
Lab Code: ACE SDG No.: Q2994
Run Number: FF090225AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
RT5427MS	62	59		0
RT5427MSD	62	59		0

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

ortho-Terphenyl (SURR)

(40-140)

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

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: CORE02
Lab Code: ACE SDG No.: Q2994
Run Number: FG090225AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)	TOT OUT
PAULDING-WC1	69	64	0

QC LIMITS

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

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

SOIL EPH SURROGATE RECOVERY

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

ortho-Terphenyl (SURR)

(40-140)

Column to be used to flag recovery values

* Values outside of contract required QC Limits

D Surrogate diluted out

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Core Environmental Consultants and Ser</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q2994</u>
Sample No :	<u>Q2995-01MS</u>	Datafile:	<u>FF016304.D</u>
		Client ID :	<u>RT5427MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	32.7	4.46	46.3	127		(40-140)
Aliphatic C9-C28	109.1	4.48	111	98		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	3.6	0.0000	2.7703	77		(40-140)
n-Decane (C10)	3.6	0.0000	6.4319	179	*	(40-140)
Naphthalene (C11.7)	3.6	0.0000	3.4799	97		(40-140)
n-Dodecane (C12)	3.6	0.0000	3.4637	96		(40-140)
2-methylnaphthalene (C12.89)	3.6	0.0000	3.5237	98		(40-140)
n-Tetradecane (C14)	3.6	0.0000	3.7212	103		(40-140)
n-Hexadecane (C16)	3.6	0.0000	3.8873	108		(40-140)
n-Octadecane (C18)	3.6	0.0000	3.8645	107		(40-140)
n-Eicosane (C20)	3.6	0.0000	4.1077	114		(40-140)
n-Heneicosane (C21)	3.6	0.0000	4.0437	112		(40-140)
n-Docosane (C22)	3.6	0.0000	4.0393	112		(40-140)
n-Tetracosane (C24)	7.3	0.0000	8.3680	115		(40-140)
n-Hexacosane (C26)	3.6	0.0000	4.0393	112		(40-140)
n-Octacosane (C28)	3.6	0.0000	4.0853	113		(40-140)
n-Tricontane (C30)	3.6	0.0000	3.9342	109		(40-140)
n-Dotriacontane (C32)	3.6	0.0000	4.0046	111		(40-140)
n-Tetratriacontane (C34)	3.6	0.0000	4.4742	124		(40-140)
n-Hexatriacontane (C36)	3.6	0.0000	4.9345	137		(40-140)
n-Octatriacontane (C38)	3.6	0.0000	5.3295	148	*	(40-140)
n-Tetracontane (C40)	3.6	0.0000	5.3344	148	*	(40-140)

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Core Environmental Consultants and Ser</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q2994</u>
Sample No :	<u>Q2995-01MSD</u>	Datafile:	<u>FF016305.D</u>
		Client ID :	<u>RT5427MSD</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%) QC Limit Of RPD
Aliphatic C28-C40	32.7	4.46	46.9	129		1.56 (40-140) 50
Aliphatic C9-C28	109.1	4.48	110	97		0.9 (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)	3.6	0.0000	2.7462	76		0 (40-140) 50
n-Decane (C10)	3.6	0.0000	6.3580	177	*	0 (40-140) 50
Naphthalene (C11.7)	3.6	0.0000	3.4562	96		0 (40-140) 50
n-Dodecane (C12)	3.6	0.0000	3.4315	95		0 (40-140) 50
2-methylnaphthalene (C12.89)	3.6	0.0000	3.4962	97		0 (40-140) 50
n-Tetradecane (C14)	3.6	0.0000	3.6834	102		0 (40-140) 50
n-Hexadecane (C16)	3.6	0.0000	3.8449	107		0 (40-140) 50
n-Octadecane (C18)	3.6	0.0000	3.8200	106		0 (40-140) 50
n-Eicosane (C20)	3.6	0.0000	4.0612	113		0 (40-140) 50
n-Heneicosane (C21)	3.6	0.0000	3.9914	111		0 (40-140) 50
n-Docosane (C22)	3.6	0.0000	3.9964	111		0 (40-140) 50
n-Tetracosane (C24)	7.3	0.0000	8.2874	114		0 (40-140) 50
n-Hexacosane (C26)	3.6	0.0000	3.9936	111		0 (40-140) 50
n-Octacosane (C28)	3.6	0.0000	4.0483	112		0 (40-140) 50
n-Tricontane (C30)	3.6	0.0000	3.8944	108		0 (40-140) 50
n-Dotriacontane (C32)	3.6	0.0000	3.9655	110		0 (40-140) 50
n-Tetratriacontane (C34)	3.6	0.0000	4.4716	124		0 (40-140) 50
n-Hexatriacontane (C36)	3.6	0.0000	4.9371	137		0 (40-140) 50
n-Octatriacontane (C38)	3.6	0.0000	5.3139	148	*	0 (40-140) 50
n-Tetracontane (C40)	3.6	0.0000	5.3745	149	*	0 (40-140) 50

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Core Environmental Consultants and Serv</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q2994</u>
Sample No :	<u>PB169491BS</u>	Datafile:	<u>FE055632.D</u>
		Client ID :	<u>PB169491BS</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	30.0	26.1	87		(40-140)
Aliphatic C9-C28	100.1	77.0	77		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
n-Dodecane (C12)	3.3	2.66473	81		(40-140)
2-methylnaphthalene (C12.89)	3.3	2.67408	81		(40-140)
n-Tetradecane (C14)	3.3	2.70151	82		(40-140)
n-Hexadecane (C16)	3.3	2.68620	81		(40-140)
n-Octadecane (C18)	3.3	2.62414	80		(40-140)
n-Eicosane (C20)	3.3	2.79063	85		(40-140)
n-Heneicosane (C21)	3.3	2.73752	83		(40-140)
n-Docosane (C22)	3.3	2.71629	82		(40-140)
n-Tetracosane (C24)	6.7	5.59661	84		(40-140)
n-Hexacosane (C26)	3.3	2.67198	81		(40-140)
n-Octacosane (C28)	3.3	2.68829	81		(40-140)
n-Tricontane (C30)	3.3	2.63450	80		(40-140)
n-Dotriacontane (C32)	3.3	2.69530	82		(40-140)
n-Tetratriacontane (C34)	3.3	2.92064	89		(40-140)
n-Hexatriacontane (C36)	3.3	3.16418	96		(40-140)
n-Octatriacontane (C38)	3.3	3.39436	103		(40-140)
n-Tetracontane (C40)	3.3	3.31682	101		(40-140)
n-Nonane (C9)	3.3	2.38576	72		(40-140)
n-Decane (C10)	3.3	2.54358	77		(40-140)
Naphthalene (C11.7)	3.3	2.75963	84		(40-140)

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Core Environmental Consultants and Service
Lab Code: ACE **SDG No:** Q2994
Sample No : PB169491BSD **Datafile:** FE055633.D **Client ID :** PB169491BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%) QC Limit Of RPD
Aliphatic C28-C40	30.0	26.8	89		2.7 (40-140) 25
Aliphatic C9-C28	99.9	76.5	77		0.637 (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	2.36318	72		0 (40-140) 25
n-Decane (C10)	3.3	2.50994	76		1.31 (40-140) 25
Naphthalene (C11.7)	3.3	2.72293	83		1.2 (40-140) 25
n-Dodecane (C12)	3.3	2.63292	80		1.24 (40-140) 25
2-methylnaphthalene (C12.89)	3.3	2.64387	80		1.24 (40-140) 25
n-Tetradecane (C14)	3.3	2.66995	81		1.23 (40-140) 25
n-Hexadecane (C16)	3.3	2.65428	80		1.24 (40-140) 25
n-Octadecane (C18)	3.3	2.59625	79		1.26 (40-140) 25
n-Eicosane (C20)	3.3	2.76327	84		1.18 (40-140) 25
n-Heneicosane (C21)	3.3	2.71337	82		1.21 (40-140) 25
n-Docosane (C22)	3.3	2.69579	82		0 (40-140) 25
n-Tetracosane (C24)	6.7	5.59436	83		1.2 (40-140) 25
n-Hexacosane (C26)	3.3	2.66067	81		0 (40-140) 25
n-Octacosane (C28)	3.3	2.66159	81		0 (40-140) 25
n-Tricontane (C30)	3.3	2.61854	79		1.26 (40-140) 25
n-Dotriacontane (C32)	3.3	2.67069	81		1.23 (40-140) 25
n-Tetratriacontane (C34)	3.3	2.95972	90		1.12 (40-140) 25
n-Hexatriacontane (C36)	3.3	3.17505	96		0 (40-140) 25
n-Octatriacontane (C38)	3.3	3.35172	102		0.98 (40-140) 25
n-Tetracontane (C40)	3.3	3.28317	99		2 (40-140) 25

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB169491BL

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q2994

Instrument ID: FID_E

Lab Sample ID: PB169491BL

Matrix: (soil/water) Solid

Date Extracted: 9/2/2025 10:30:00 A

Level: (low/med) low

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

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB169491BS	PB169491BS
PB169491BSD	PB169491BSD
PAULDING-WC1	Q2994-01
RT5427MS	Q2995-01MS
RT5427MSD	Q2995-01MSD

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	08/29/25	
Project:	Bayshore Soil BSM Management		Date Received:	08/29/25	
Client Sample ID:	PAULDING-WC1		SDG No.:	Q2994	
Lab Sample ID:	Q2994-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	91	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
09/02/25 10:30	09/02/25 15:12	PB169491

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	41.8		1	1.30	2.20	mg/kg FG016499.D
Aliphatic C9-C28	Aliphatic C9-C28	15.2		1	1.00	4.39	mg/kg FG016499.D
Total AliphaticEPH	Total AliphaticEPH	57.0			2.30	6.59	mg/kg
Total EPH	Total EPH	57.0			2.30	6.59	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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016499.D	1	09/02/25	09/02/25	PB169491

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	15.2		1.00	4.39	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	41.8		1.30	2.20	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.6		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.8		40 - 140	64%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2994-01	Acq On:	02 Sep 2025 15:12
Client Sample ID:	PAULDING-WC1	Operator:	YP\AJ
Data file:	FG016499.D	Misc:	
Instrument:	FID_G	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.289	6.931	755732	6.586	300	ug/ml
Aliphatic C12-C16	6.932	10.390	1696872	14.457	200	ug/ml
Aliphatic C16-C21	10.391	13.780	9856329	83.902	300	ug/ml
Aliphatic C21-C28	13.781	17.465	11460161	102.517	400	ug/ml
Aliphatic C28-C40	17.466	22.506	51895739	571.008	600	ug/ml
Aliphatic EPH	3.289	22.506	75664833	778.47		ug/ml
ortho-Terphenyl (SURR)	12.069	12.069	4214105	31.83		ug/ml
1-chlorooctadecane (SURR)	13.515	13.515	3478554	34.56		ug/ml
Aliphatic C9-C28	3.289	17.465	23769094	207.462	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090225AL\
Data File : FG016499.D
Signal(s) : FID1A.ch
Acq On : 02 Sep 2025 15:12
Operator : YP\AJ
Sample : Q2994-01
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 03 05:10:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Thu Aug 28 12:01:28 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)	12.069	4214105	31.832 ug/ml
Spiked Amount 50.000		Recovery =	63.66%
12) S 1-chlorooctadecane (S...	13.515	3478554	34.558 ug/ml
Spiked Amount 50.000		Recovery =	69.12%

Target Compounds

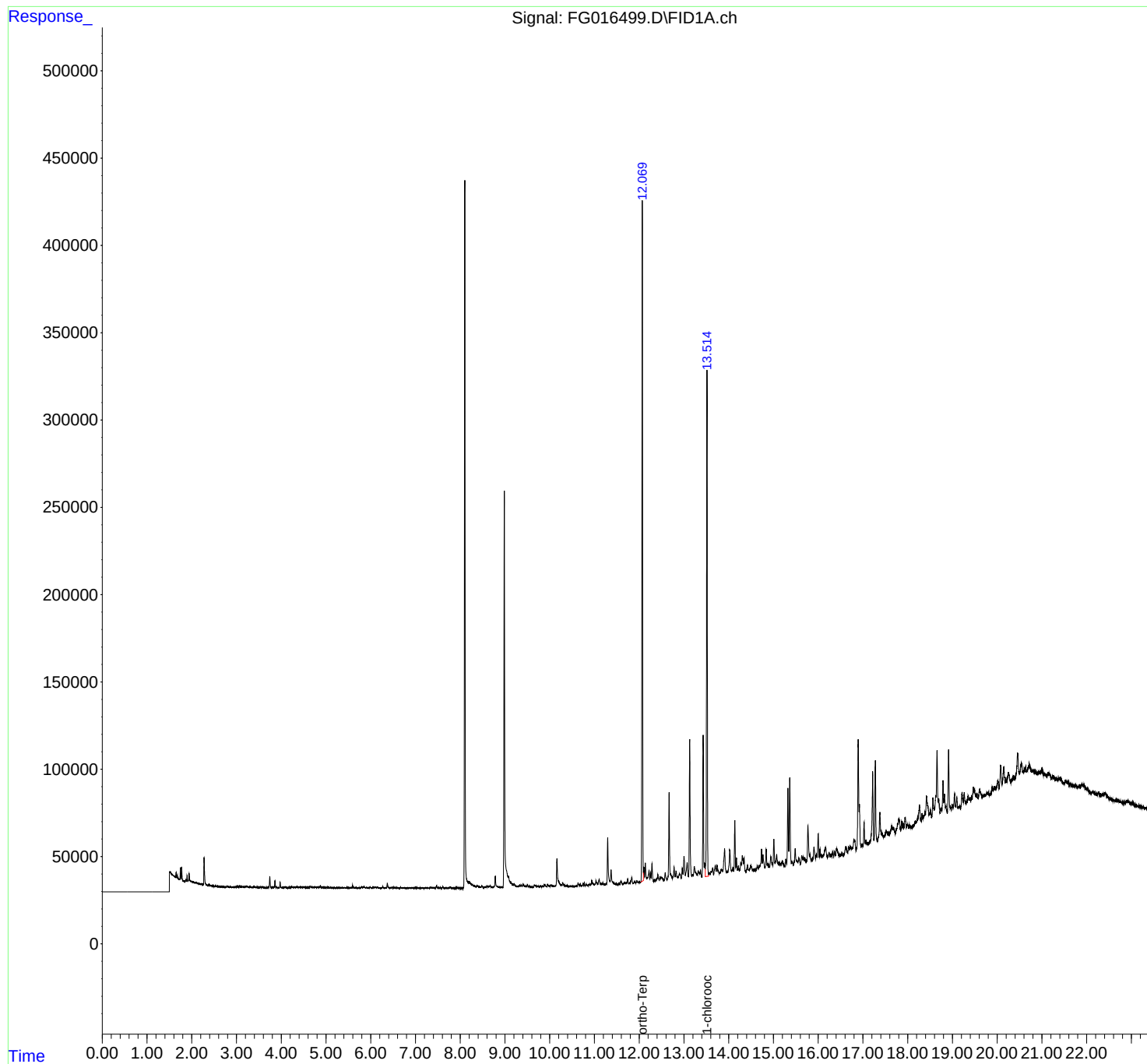
(f)=RT Delta > 1/2 Window

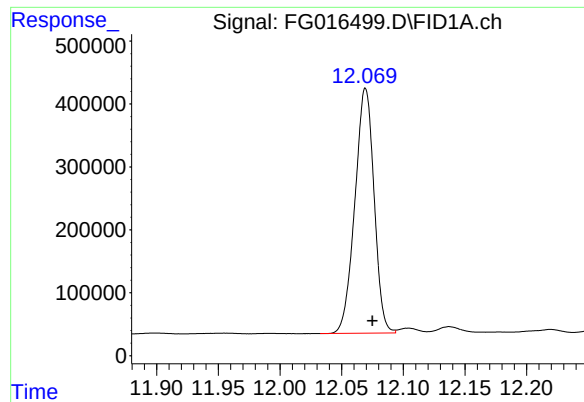
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090225AL\
Data File : FG016499.D
Signal(s) : FID1A.ch
Acq On : 02 Sep 2025 15:12
Operator : YP\AJ
Sample : Q2994-01
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 03 05:10:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Thu Aug 28 12:01:28 2025
Response via : Initial Calibration
Integrator: ChemStation

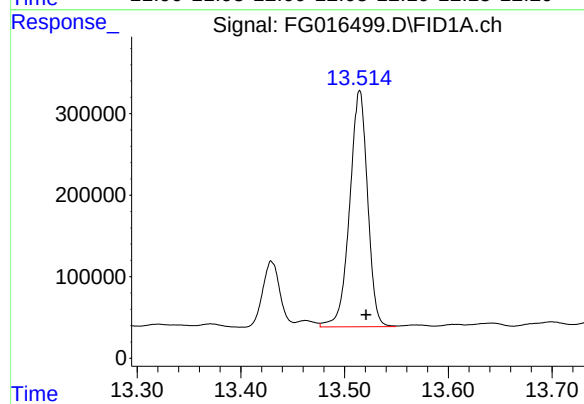
Volume Inj. : 1 u1
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#9 ortho-Terphenyl (SURR)

R.T.: 12.069 min
Delta R.T.: -0.006 min
Response: 4214105
Conc: 31.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.515 min
Delta R.T.: -0.006 min
Response: 3478554
Conc: 34.56 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090225AL\
 Data File : FG016499.D
 Signal(s) : FID1A.ch
 Acq On : 02 Sep 2025 15:12
 Sample : Q2994-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.237	3.221	3.281	BV	181	2224	0.05%	0.003%
2	3.291	3.281	3.365	PV	153	1972	0.05%	0.002%
3	3.384	3.365	3.495	VV	281	5853	0.14%	0.007%
4	3.503	3.495	3.550	VV	125	2041	0.05%	0.003%
5	3.568	3.550	3.584	VV	198	2370	0.06%	0.003%
6	3.604	3.584	3.685	VV	206	3934	0.09%	0.005%
7	3.704	3.685	3.716	PV	190	2357	0.06%	0.003%
8	3.744	3.716	3.778	VV	6275	65026	1.53%	0.081%
9	3.808	3.778	3.819	VV	352	4577	0.11%	0.006%
10	3.859	3.819	3.885	VV	4150	44926	1.06%	0.056%
11	3.897	3.885	3.945	VV	477	6125	0.14%	0.008%
12	3.947	3.945	3.955	VV	99	353	0.01%	0.000%
13	3.976	3.955	4.018	VV	3217	32201	0.76%	0.040%
14	4.031	4.018	4.049	VV	195	2089	0.05%	0.003%
15	4.074	4.049	4.141	PV	471	10962	0.26%	0.014%
16	4.185	4.141	4.203	VV	501	8898	0.21%	0.011%
17	4.234	4.203	4.262	VV	666	15116	0.36%	0.019%
18	4.296	4.262	4.327	VV	465	14111	0.33%	0.018%
19	4.369	4.327	4.397	VV	613	20356	0.48%	0.025%
20	4.412	4.397	4.433	VV	628	10552	0.25%	0.013%
21	4.456	4.433	4.525	VV	447	20276	0.48%	0.025%
22	4.541	4.525	4.568	VV	433	9533	0.22%	0.012%
23	4.588	4.568	4.624	VV	418	12041	0.28%	0.015%
24	4.648	4.624	4.674	VV	957	16824	0.40%	0.021%
25	4.687	4.674	4.704	VV	434	6640	0.16%	0.008%
26	4.726	4.704	4.748	VV	532	10656	0.25%	0.013%
27	4.761	4.748	4.790	VV	662	11204	0.26%	0.014%
28	4.811	4.790	4.834	VV	553	10869	0.26%	0.014%
29	4.872	4.834	4.917	VV	1138	29459	0.69%	0.037%
30	4.934	4.917	4.949	VV	603	8311	0.20%	0.010%
31	4.959	4.949	4.991	VV	385	7417	0.17%	0.009%

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32	5.015	4.991	5.026	VV	360	6191	0.15%	0.008%
33	5.062	5.026	5.085	VV	386	10997	0.26%	0.014%
34	5.102	5.085	5.142	VV	298	7970	0.19%	0.010%
35	5.164	5.142	5.201	VV	333	6540	0.15%	0.008%
36	5.218	5.201	5.258	PV	119	3312	0.08%	0.004%
37	5.295	5.258	5.325	VV	262	6910	0.16%	0.009%
38	5.362	5.325	5.390	VV	352	9431	0.22%	0.012%
39	5.406	5.390	5.427	VV	334	5749	0.14%	0.007%
40	5.441	5.427	5.455	VV	309	3916	0.09%	0.005%
41	5.471	5.455	5.512	VV	526	9626	0.23%	0.012%
42	5.535	5.512	5.550	VV	211	3858	0.09%	0.005%
43	5.595	5.550	5.625	VV	1791	26546	0.62%	0.033%
44	5.635	5.625	5.657	VV	419	6866	0.16%	0.009%
45	5.668	5.657	5.687	VV	378	5257	0.12%	0.007%
46	5.701	5.687	5.714	VV	252	3289	0.08%	0.004%
47	5.735	5.714	5.775	VV	421	7431	0.17%	0.009%
48	5.793	5.775	5.837	VV	807	17739	0.42%	0.022%
49	5.853	5.837	5.888	VV	907	15000	0.35%	0.019%
50	5.911	5.888	5.941	VV	343	8049	0.19%	0.010%
51	5.989	5.941	6.025	VV	628	15552	0.37%	0.019%
52	6.051	6.025	6.081	VV	700	14115	0.33%	0.018%
53	6.107	6.081	6.129	VV	835	13408	0.32%	0.017%
54	6.145	6.129	6.195	VV	527	13276	0.31%	0.017%
55	6.239	6.195	6.248	VV	179	4127	0.10%	0.005%
56	6.269	6.248	6.301	VV	1077	14592	0.34%	0.018%
57	6.334	6.301	6.348	VV	277	6082	0.14%	0.008%
58	6.371	6.348	6.444	VV	2938	46425	1.09%	0.058%
59	6.478	6.444	6.497	VV	468	9138	0.22%	0.011%
60	6.516	6.497	6.545	VV	753	11077	0.26%	0.014%
61	6.553	6.545	6.568	VV	328	3868	0.09%	0.005%
62	6.587	6.568	6.641	VV	507	9425	0.22%	0.012%
63	6.669	6.641	6.704	PV	566	9304	0.22%	0.012%
64	6.716	6.704	6.728	VV	210	2442	0.06%	0.003%
65	6.735	6.728	6.763	VV	267	3668	0.09%	0.005%
66	6.778	6.763	6.808	VV	215	3204	0.08%	0.004%
67	6.829	6.808	6.895	VV	523	7879	0.19%	0.010%
68	6.909	6.895	6.934	VV	406	6424	0.15%	0.008%
69	6.946	6.934	6.955	VV	228	2368	0.06%	0.003%
70	6.986	6.955	7.015	VV	513	10520	0.25%	0.013%
71	7.025	7.015	7.078	VV	302	5512	0.13%	0.007%
72	7.087	7.078	7.100	VV	80	870	0.02%	0.001%
73	7.120	7.100	7.141	VV	227	2358	0.06%	0.003%
74	7.159	7.141	7.195	VV	307	5530	0.13%	0.007%
75	7.202	7.195	7.210	VV	130	931	0.02%	0.001%
76	7.230	7.210	7.257	VV	283	5131	0.12%	0.006%
77	7.269	7.257	7.305	VV	160	2807	0.07%	0.004%
78	7.342	7.305	7.356	VV	496	10951	0.26%	0.014%
79	7.374	7.356	7.440	VV	421	16072	0.38%	0.020%

80	7.473	7.440	7.540	VV	1743	33890	0.80%	0.042%
81	7.556	7.540	7.589	VV	556	8085	0.19%	0.010%
82	7.611	7.589	7.638	PV	1124	13022	0.31%	0.016%
83	7.653	7.638	7.668	VV	358	4789	0.11%	0.006%
84	7.679	7.668	7.719	VV	280	6379	0.15%	0.008%
85	7.729	7.719	7.751	VV	188	3175	0.07%	0.004%
86	7.781	7.751	7.885	VV	645	19269	0.45%	0.024%
87	7.901	7.885	8.035	PV	542	16808	0.40%	0.021%
88	8.046	8.035	8.052	VV	69	508	0.01%	0.001%
89	8.214	8.191	8.348	VV	3397	190296	4.48%	0.238%
90	8.375	8.348	8.457	VV	1323	58881	1.39%	0.074%
91	8.489	8.457	8.531	VV	1061	29558	0.70%	0.037%
92	8.566	8.531	8.575	VV	601	12126	0.29%	0.015%
93	8.596	8.575	8.612	VV	1509	20270	0.48%	0.025%
94	8.624	8.612	8.639	VV	1025	12950	0.30%	0.016%
95	8.670	8.639	8.704	VV	1425	32047	0.75%	0.040%
96	8.713	8.704	8.729	VV	357	4703	0.11%	0.006%
97	8.784	8.729	8.824	VV	6787	102768	2.42%	0.128%
98	8.834	8.824	8.858	VV	744	11271	0.27%	0.014%
99	8.875	8.858	8.898	VV	452	7834	0.18%	0.010%
100	8.922	8.898	8.955	VV	653	9881	0.23%	0.012%
101	9.081	9.069	9.122	VV	6674	149813	3.53%	0.187%
102	9.130	9.122	9.187	VV	2990	86298	2.03%	0.108%
103	9.205	9.187	9.261	VV	1772	54428	1.28%	0.068%
104	9.283	9.261	9.301	VV	810	18235	0.43%	0.023%
105	9.328	9.301	9.345	VV	1484	26632	0.63%	0.033%
106	9.363	9.345	9.383	VV	1558	23920	0.56%	0.030%
107	9.404	9.383	9.439	VV	1759	39238	0.92%	0.049%
108	9.452	9.439	9.468	VV	780	11700	0.28%	0.015%
109	9.502	9.468	9.523	VV	1642	27271	0.64%	0.034%
110	9.540	9.523	9.584	VV	855	14330	0.34%	0.018%
111	9.596	9.584	9.624	VV	279	3302	0.08%	0.004%
112	9.657	9.624	9.675	VV	1430	21121	0.50%	0.026%
113	9.688	9.675	9.721	VV	977	18063	0.43%	0.023%
114	9.742	9.721	9.771	VV	751	13250	0.31%	0.017%
115	9.793	9.771	9.817	VV	809	11679	0.27%	0.015%
116	9.839	9.817	9.857	VV	831	11419	0.27%	0.014%
117	9.881	9.857	9.931	VV	1572	34577	0.81%	0.043%
118	9.954	9.931	9.990	VV	1571	28795	0.68%	0.036%
119	10.028	9.990	10.049	VV	1267	27124	0.64%	0.034%
120	10.061	10.049	10.077	VV	654	9140	0.22%	0.011%
121	10.089	10.077	10.105	VV	627	9100	0.21%	0.011%
122	10.161	10.105	10.270	VV	16099	328814	7.74%	0.411%
123	10.290	10.270	10.352	VV	2436	59789	1.41%	0.075%
124	10.368	10.352	10.379	VV	486	7274	0.17%	0.009%
125	10.394	10.379	10.435	VV	666	13366	0.31%	0.017%
126	10.469	10.435	10.541	VV	427	13688	0.32%	0.017%

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127	10.566	10.541	10.583	PV	359	4528	0.11%	0.006%
128	10.605	10.583	10.613	VV	382	4740	0.11%	0.006%
129	10.636	10.613	10.665	VV	1869	31678	0.75%	0.040%
130	10.682	10.665	10.701	VV	1211	16354	0.38%	0.020%
131	10.741	10.701	10.754	VV	1281	21022	0.49%	0.026%
132	10.770	10.754	10.795	VV	1251	20599	0.48%	0.026%
133	10.814	10.795	10.851	VV	878	18126	0.43%	0.023%
134	10.888	10.851	10.913	VV	1058	22934	0.54%	0.029%
135	10.941	10.913	11.001	VV	2686	70290	1.65%	0.088%
136	11.034	11.001	11.049	VV	2924	43939	1.03%	0.055%
137	11.059	11.049	11.075	VV	1922	21992	0.52%	0.027%
138	11.105	11.075	11.155	VV	3308	78719	1.85%	0.098%
139	11.187	11.155	11.209	VV	1324	27325	0.64%	0.034%
140	11.228	11.209	11.245	VV	547	9579	0.23%	0.012%
141	11.296	11.245	11.347	VV	26896	395337	9.31%	0.494%
142	11.372	11.347	11.455	VV	8666	171894	4.05%	0.215%
143	11.465	11.455	11.509	VV	406	8770	0.21%	0.011%
144	11.518	11.509	11.525	VV	116	538	0.01%	0.001%
145	11.548	11.525	11.568	PV	531	7247	0.17%	0.009%
146	11.591	11.568	11.635	VV	1822	33811	0.80%	0.042%
147	11.675	11.635	11.688	VV	844	15320	0.36%	0.019%
148	11.705	11.688	11.718	VV	759	10830	0.25%	0.014%
149	11.743	11.718	11.770	VV	3080	42329	1.00%	0.053%
150	11.834	11.770	11.865	VV	3632	73813	1.74%	0.092%
151	11.899	11.865	11.921	PV	1455	20537	0.48%	0.026%
152	11.955	11.921	11.975	VV	1181	21625	0.51%	0.027%
153	11.992	11.975	12.016	VV	757	10632	0.25%	0.013%
154	12.069	12.016	12.095	VV	389531	4247943	100.00%	5.309%
155	12.104	12.095	12.120	VV	8790	98234	2.31%	0.123%
156	12.137	12.120	12.167	VV	11114	164712	3.88%	0.206%
157	12.179	12.167	12.186	VV	2516	26920	0.63%	0.034%
158	12.219	12.186	12.238	VV	6510	124549	2.93%	0.156%
159	12.255	12.238	12.268	VV	5444	64297	1.51%	0.080%
160	12.286	12.268	12.325	VV	10394	145306	3.42%	0.182%
161	12.418	12.325	12.450	VV	3925	100462	2.36%	0.126%
162	12.468	12.450	12.483	VV	2635	35508	0.84%	0.044%
163	12.496	12.483	12.551	VV	2013	52642	1.24%	0.066%
164	12.582	12.551	12.621	VV	4527	76670	1.80%	0.096%
165	12.669	12.621	12.740	VV	49549	685173	16.13%	0.856%
166	12.780	12.740	12.802	VV	7270	123480	2.91%	0.154%
167	12.825	12.802	12.867	VV	4919	98866	2.33%	0.124%
168	12.901	12.867	12.939	VV	2989	86924	2.05%	0.109%
169	12.963	12.939	12.979	VV	6371	83005	1.95%	0.104%
170	13.003	12.979	13.031	VV	13023	215244	5.07%	0.269%
171	13.072	13.031	13.105	VV	9092	192511	4.53%	0.241%
172	13.129	13.105	13.176	VV	79160	983422	23.15%	1.229%
173	13.194	13.176	13.207	VV	2173	29153	0.69%	0.036%
174	13.232	13.207	13.255	VV	6517	118660	2.79%	0.148%

175	13.264	13.255	13.301	VV	3307	68819	1.62%	0.086%
176	13.320	13.301	13.354	VV	3915	87782	2.07%	0.110%
177	13.371	13.354	13.400	VV	4155	58269	1.37%	0.073%
178	13.430	13.400	13.453	PV	79899	932938	21.96%	1.166%
179	13.462	13.453	13.476	VV	7978	92956	2.19%	0.116%
180	13.514	13.476	13.551	VV	290880	3484133	82.02%	4.355%
181	13.569	13.551	13.587	VV	2084	33218	0.78%	0.042%
182	13.607	13.587	13.617	VV	2733	36556	0.86%	0.046%
183	13.641	13.617	13.663	VV	4190	75387	1.77%	0.094%
184	13.699	13.663	13.720	VV	5589	116234	2.74%	0.145%
185	13.739	13.720	13.801	VV	5725	132737	3.12%	0.166%
186	13.834	13.801	13.869	VV	3177	88790	2.09%	0.111%
187	13.908	13.869	13.955	VV	14727	319524	7.52%	0.399%
188	13.966	13.955	13.980	VV	1383	17679	0.42%	0.022%
189	14.024	13.980	14.061	VV	13476	272595	6.42%	0.341%
190	14.094	14.061	14.111	VV	3424	62972	1.48%	0.079%
191	14.136	14.111	14.158	VV	30351	360937	8.50%	0.451%
192	14.173	14.158	14.195	VV	8344	107876	2.54%	0.135%
193	14.216	14.195	14.239	VV	3617	58100	1.37%	0.073%
194	14.271	14.239	14.286	VV	5126	96967	2.28%	0.121%
195	14.305	14.286	14.330	VV	9365	184204	4.34%	0.230%
196	14.343	14.330	14.388	VV	8093	108190	2.55%	0.135%
197	14.421	14.388	14.454	VV	3613	62235	1.47%	0.078%
198	14.493	14.454	14.544	VV	3162	81659	1.92%	0.102%
199	14.560	14.544	14.575	VV	419	4810	0.11%	0.006%
200	14.638	14.575	14.654	PV	2318	34657	0.82%	0.043%
201	14.734	14.654	14.751	VV	11618	226130	5.32%	0.283%
202	14.767	14.751	14.810	VV	8288	147580	3.47%	0.184%
203	14.837	14.810	14.858	VV	11313	147721	3.48%	0.185%
204	14.869	14.858	14.913	VV	2852	61381	1.44%	0.077%
205	14.943	14.913	14.984	VV	6594	144349	3.40%	0.180%
206	15.009	14.984	15.036	VV	16307	237137	5.58%	0.296%
207	15.072	15.036	15.116	VV	7407	181686	4.28%	0.227%
208	15.132	15.116	15.149	VV	2367	36726	0.86%	0.046%
209	15.197	15.149	15.251	VV	2893	94420	2.22%	0.118%
210	15.277	15.251	15.294	VV	3893	50959	1.20%	0.064%
211	15.323	15.294	15.343	VV	44201	573481	13.50%	0.717%
212	15.365	15.343	15.400	VV	49786	703207	16.55%	0.879%
213	15.414	15.400	15.444	VV	1994	32453	0.76%	0.041%
214	15.486	15.444	15.512	VV	9223	149488	3.52%	0.187%
215	15.522	15.512	15.542	VV	2618	35565	0.84%	0.044%
216	15.574	15.542	15.603	VV	3164	67808	1.60%	0.085%
217	15.633	15.603	15.653	PV	4604	74062	1.74%	0.093%
218	15.666	15.653	15.727	VV	3430	100846	2.37%	0.126%
219	15.772	15.727	15.804	VV	21045	365043	8.59%	0.456%
220	15.816	15.804	15.841	VV	4730	67354	1.59%	0.084%
221	15.906	15.841	15.941	VV	7775	182110	4.29%	0.228%

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222	15.959	15.941	15.972	VV	3451	47867	1.13%	0.060%
223	16.001	15.972	16.024	VV	15175	228794	5.39%	0.286%
224	16.041	16.024	16.069	VV	6288	101000	2.38%	0.126%
225	16.090	16.069	16.108	VV	2389	48277	1.14%	0.060%
226	16.166	16.108	16.208	VV	6610	216201	5.09%	0.270%
227	16.242	16.208	16.271	VV	3302	63465	1.49%	0.079%
228	16.284	16.271	16.304	VV	1358	22256	0.52%	0.028%
229	16.325	16.304	16.346	VV	3214	47885	1.13%	0.060%
230	16.366	16.346	16.385	VV	3197	44407	1.05%	0.056%
231	16.411	16.385	16.465	VV	4576	124811	2.94%	0.156%
232	16.507	16.465	16.517	VV	729	20939	0.49%	0.026%
233	16.533	16.517	16.561	VV	1360	18859	0.44%	0.024%
234	16.621	16.561	16.659	PV	4778	124436	2.93%	0.156%
235	16.680	16.659	16.698	VV	3920	65017	1.53%	0.081%
236	16.716	16.698	16.744	VV	4361	99807	2.35%	0.125%
237	16.758	16.744	16.768	VV	3421	42822	1.01%	0.054%
238	16.802	16.768	16.846	VV	7799	246616	5.81%	0.308%
239	16.895	16.846	16.961	VV	63512	1324257	31.17%	1.655%
240	16.983	16.961	17.000	VV	4360	85322	2.01%	0.107%
241	17.026	17.000	17.050	VV	16381	259010	6.10%	0.324%
242	17.063	17.050	17.108	VV	6167	159547	3.76%	0.199%
243	17.117	17.108	17.130	VV	4196	52595	1.24%	0.066%
244	17.148	17.130	17.160	VV	4967	79092	1.86%	0.099%
245	17.218	17.160	17.248	VV	44559	847201	19.94%	1.059%
246	17.277	17.248	17.321	VV	50511	800088	18.83%	1.000%
247	17.378	17.321	17.413	VV	20276	551737	12.99%	0.690%
248	17.427	17.413	17.458	VV	8471	197152	4.64%	0.246%
249	17.515	17.458	17.565	VV	8924	471040	11.09%	0.589%
250	17.578	17.565	17.599	VV	8232	153487	3.61%	0.192%
251	17.646	17.599	17.678	VV	11602	443877	10.45%	0.555%
252	17.686	17.678	17.722	VV	10261	227407	5.35%	0.284%
253	17.805	17.722	17.841	VV	14042	759769	17.89%	0.950%
254	17.866	17.841	17.884	VV	12836	271207	6.38%	0.339%
255	17.900	17.884	17.918	VV	11335	204195	4.81%	0.255%
256	17.944	17.918	17.971	VV	14412	378297	8.91%	0.473%
257	18.000	17.971	18.019	VV	10508	275986	6.50%	0.345%
258	18.037	18.019	18.050	VV	10102	171094	4.03%	0.214%
259	18.060	18.050	18.084	VV	9117	170862	4.02%	0.214%
260	18.099	18.084	18.106	VV	8600	111086	2.62%	0.139%
261	18.124	18.106	18.136	VV	8972	156948	3.69%	0.196%
262	18.169	18.136	18.185	VV	11285	290160	6.83%	0.363%
263	18.263	18.185	18.298	VV	20367	929449	21.88%	1.162%
264	18.319	18.298	18.341	VV	14372	331849	7.81%	0.415%
265	18.352	18.341	18.361	VV	13468	150807	3.55%	0.188%
266	18.385	18.361	18.397	VV	15357	305183	7.18%	0.381%
267	18.421	18.397	18.482	VV	23923	930213	21.90%	1.163%
268	18.509	18.482	18.535	VV	15946	443420	10.44%	0.554%
269	18.565	18.535	18.594	VV	22585	598691	14.09%	0.748%

270	18.656	18.594	18.681	VV	rteres 48668	1384822	32.60%	1.731%
271	18.692	18.681	18.724	VV	21303	465713	10.96%	0.582%
272	18.744	18.724	18.765	VV	15901	357284	8.41%	0.447%
273	18.790	18.765	18.808	VV	31185	595404	14.02%	0.744%
274	18.822	18.808	18.888	VV	23098	814822	19.18%	1.018%
275	18.914	18.888	18.973	VV	48288	1174157	27.64%	1.468%
276	18.998	18.973	19.025	VV	16103	471245	11.09%	0.589%
277	19.047	19.025	19.074	VV	22073	534143	12.57%	0.668%
278	19.097	19.074	19.125	VV	19788	509301	11.99%	0.637%
279	19.144	19.125	19.159	VV	14397	294612	6.94%	0.368%
280	19.170	19.159	19.184	VV	14521	210044	4.94%	0.263%
281	19.214	19.184	19.242	VV	22107	625805	14.73%	0.782%
282	19.264	19.242	19.293	VV	22033	565462	13.31%	0.707%
283	19.352	19.293	19.369	VV	19673	791049	18.62%	0.989%
284	19.394	19.369	19.409	VV	18382	422592	9.95%	0.528%
285	19.430	19.409	19.443	VV	19320	373153	8.78%	0.466%
286	19.469	19.443	19.491	VV	23888	617293	14.53%	0.772%
287	19.497	19.491	19.530	VV	22088	468946	11.04%	0.586%
288	19.545	19.530	19.574	VV	20162	492851	11.60%	0.616%
289	19.610	19.574	19.663	VV	22014	1043456	24.56%	1.304%
290	19.678	19.663	19.687	VV	18518	255871	6.02%	0.320%
291	19.706	19.687	19.715	VV	18652	298660	7.03%	0.373%
292	19.725	19.715	19.745	VV	18427	327361	7.71%	0.409%
293	19.777	19.745	19.798	VV	19658	597944	14.08%	0.747%
294	19.809	19.798	19.856	VV	19402	628384	14.79%	0.785%
295	19.887	19.856	19.910	VV	21411	652918	15.37%	0.816%
296	19.934	19.910	19.951	VV	22258	520169	12.25%	0.650%
297	19.958	19.951	19.973	VV	20963	267675	6.30%	0.335%
298	20.013	19.973	20.048	VV	25058	1006519	23.69%	1.258%
299	20.080	20.048	20.115	VV	33345	1069445	25.18%	1.337%
300	20.147	20.115	20.178	VV	31978	1037501	24.42%	1.297%
301	20.197	20.178	20.220	VV	25076	596331	14.04%	0.745%
302	20.248	20.220	20.303	VV	28447	1279296	30.12%	1.599%
303	20.363	20.303	20.396	VV	25587	1350385	31.79%	1.688%
304	20.459	20.396	20.493	VV	38113	1740812	40.98%	2.176%
305	20.540	20.493	20.591	VV	32849	1694515	39.89%	2.118%
306	20.608	20.591	20.621	VV	28398	509434	11.99%	0.637%
307	20.635	20.621	20.670	VV	29123	828021	19.49%	1.035%
308	20.716	20.670	20.791	VV	31024	2042137	48.07%	2.552%
309	20.805	20.791	20.835	VV	27119	690295	16.25%	0.863%
310	20.850	20.835	20.885	VV	26926	772099	18.18%	0.965%
311	20.908	20.885	20.940	VV	25067	811010	19.09%	1.014%
312	21.004	20.940	21.055	VV	26865	1697886	39.97%	2.122%
313	21.064	21.055	21.106	VV	23527	706772	16.64%	0.883%
314	21.148	21.106	21.205	VV	23622	1319942	31.07%	1.650%
315	21.257	21.205	21.308	VV	21129	1252829	29.49%	1.566%
316	21.317	21.308	21.348	VV	19785	458900	10.80%	0.574%

					rteres			
317	21.364	21.348	21.378	VV	18985	337509	7.95%	0.422%
318	21.423	21.378	21.491	VV	20108	1213141	28.56%	1.516%
319	21.518	21.491	21.529	VV	16814	371828	8.75%	0.465%
320	21.538	21.529	21.575	VV	16683	450465	10.60%	0.563%
321	21.584	21.575	21.610	VV	16045	315330	7.42%	0.394%
322	21.641	21.610	21.688	VV	15136	671955	15.82%	0.840%
323	21.696	21.688	21.708	VV	13713	162436	3.82%	0.203%
324	21.735	21.708	21.744	VV	13446	283083	6.66%	0.354%
325	21.755	21.744	21.781	VV	13655	290823	6.85%	0.363%
326	21.800	21.781	21.811	VV	12298	212939	5.01%	0.266%
327	21.837	21.811	21.859	VV	12798	354548	8.35%	0.443%
328	21.893	21.859	22.016	VV	13618	1096462	25.81%	1.370%
329	22.027	22.016	22.061	VV	9758	242564	5.71%	0.303%
330	22.075	22.061	22.118	VV	7748	251785	5.93%	0.315%
331	22.143	22.118	22.215	VV	7877	390810	9.20%	0.488%
332	22.271	22.215	22.293	VV	6681	280202	6.60%	0.350%
333	22.304	22.293	22.333	VV	5855	112745	2.65%	0.141%
334	22.349	22.333	22.378	VV	5365	132169	3.11%	0.165%
335	22.402	22.378	22.521	VV	5654	324653	7.64%	0.406%
336	22.540	22.521	22.566	VV	2198	35555	0.84%	0.044%
337	22.579	22.566	22.601	PBA	915	58001	1.37%	0.072%
					Sum of corrected areas:	80008553		

Aliphatic EPH 082825.M Wed Sep 03 06:13:10 2025



CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FE082925AL

AreaCount

Parameter Range	FE055545.D	FE055546.D	FE055547.D	FE055548.D	FE055549.D	
Aliphatic C9-C12	36131908.000	18793237.000	7683758.000	3922762.000	2062046.000	
Aliphatic C12-C16	25458636.000	13147541.000	5377243.000	2752069.000	1446731.000	
Aliphatic C16-C21	40534429.000	20932155.000	8616013.000	4440715.000	2321992.000	
Aliphatic C21-C28	53136513.000	27590202.000	11417606.000	5910364.000	3098144.000	
Aliphatic C28-C40	75097151.000	39091365.000	16277300.000	8645814.000	4601724.000	
Aliphatic EPH	230358637.000	119554500.000	49371920.000	25671724.000	13530637.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	128403.8079996	4.941				
Aliphatic C12-C16	135095.243	4.86				
Aliphatic C16-C21	144217.1959996	5.275				
Aliphatic C21-C28	143235.7335	5.974				
Aliphatic C28-C40	137719.6669998	8.144				
Aliphatic EPH	138184.1352218	6.281				

Concentration

Parameter Range	FE055545.D	FE055546.D	FE055547.D	FE055548.D	FE055549.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	FE055545.D	FE055546.D	FE055547.D	FE055548.D	FE055549.D	
Aliphatic C9-C12	120439.693333	125288.246666	128062.633333	130758.733333	137469.733333	
Aliphatic C12-C16	127293.180000	131475.410000	134431.075000	137603.450000	144673.100000	
Aliphatic C16-C21	135114.763333	139547.700000	143600.216666	148023.833333	154799.466666	

Initial Calibration Report for SequenceID : FE082925AL

Aliphatic C21-C28	132841.282500	137951.010000	142720.075000	147759.100000	154907.200000	
Aliphatic C28-C40	125161.918333	130304.550000	135644.166666	144096.900000	153390.800000	
Aliphatic EPH	127977.020555	132838.333333	137144.222222	142620.688888	150340.411111	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055545.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 09:34
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 08:04:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:03:47 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.086	15313716	93.459 ug/ml
Spiked Amount 50.000		Recovery =	186.92%
12) S 1-chlorooctadecane (S...	13.519	11795222	94.406 ug/ml
Spiked Amount 50.000		Recovery =	188.81%
Target Compounds			
1) T n-Nonane (C9)	3.417	11828350	93.483 ug/ml
2) T n-Decane (C10)	4.676	12034240	94.331 ug/ml
3) T A~Naphthalene (C11.7)	6.396	13856606	94.733 ug/ml
4) T n-Dodecane (C12)	6.853	12269318	94.318 ug/ml
5) T A~2-methylnaphthalene...	7.499	13568882	95.843 ug/ml
6) T n-Tetradecane (C14)	8.690	12358220	94.192 ug/ml
7) T n-Hexadecane (C16)	10.307	13100416	95.165 ug/ml
8) T n-Octadecane (C18)	11.758	13658190	94.035 ug/ml
10) T n-Eicosane (C20)	13.071	13479465	94.109 ug/ml
11) T n-Heneicosane (C21)	13.686	13396774	94.130 ug/ml
13) T n-Docosane (C22)	14.274	13403516	93.930 ug/ml
14) T n-Tetracosane (C24)	15.381	13447515	93.151 ug/ml
15) T n-Hexacosane (C26)	16.405	13239746	92.937 ug/ml
16) T n-Octacosane (C28)	17.357	13045736	92.287 ug/ml
17) T n-Tricontane (C30)	18.247	13338524	90.923 ug/ml
18) T n-Dotriacontane (C32)	19.082	13157990	90.097 ug/ml
19) T n-Tetratriacontane (C34)	19.866	12802849	91.142 ug/ml
20) T n-Hexatriacontane (C36)	20.607	12140628	92.667 ug/ml
21) T n-Octatriacontane (C38)	21.386	11994777	94.464 ug/ml
22) T n-Tetracontane (C40)	22.376	11662383	95.080 ug/ml

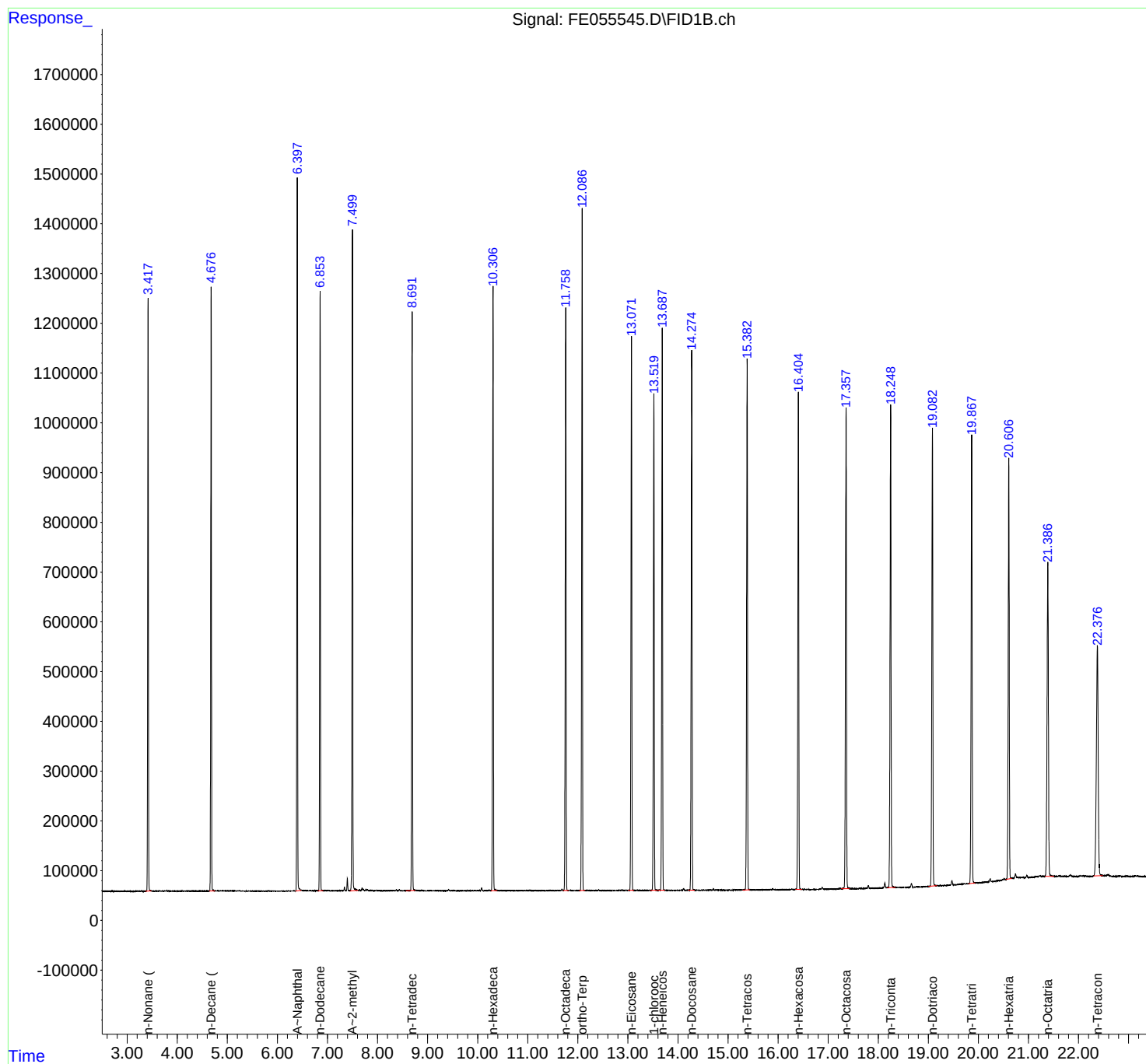
(f)=RT Delta > 1/2 Window

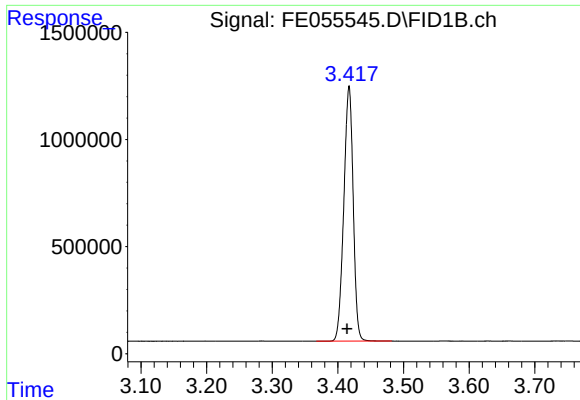
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
Data File : FE055545.D
Signal(s) : FID1B.ch
Acq On : 28 Aug 2025 09:34
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 29 08:04:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:03:47 2025
Response via : Initial Calibration
Integrator: ChemStation

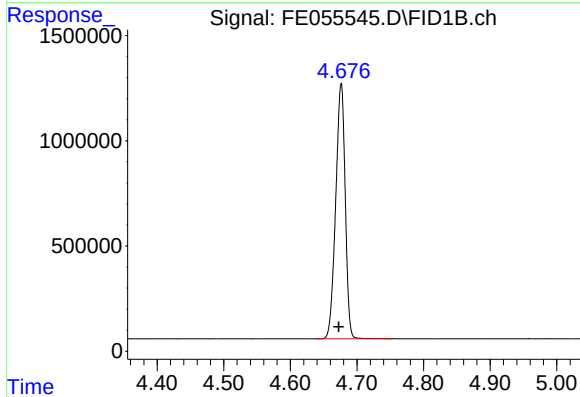
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





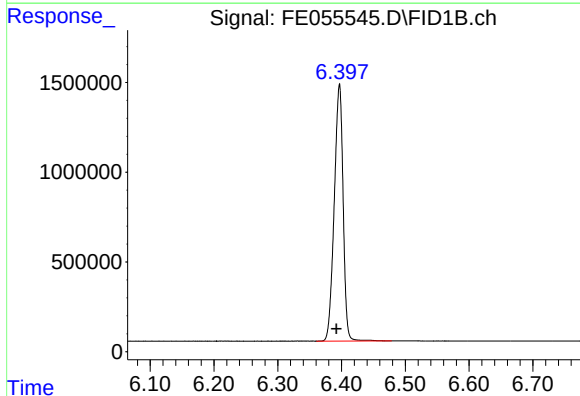
#1 n-Nonane (C9)

R.T.: 3.417 min
Delta R.T.: 0.003 min
Response: 11828350
Conc: 93.48 ug/ml



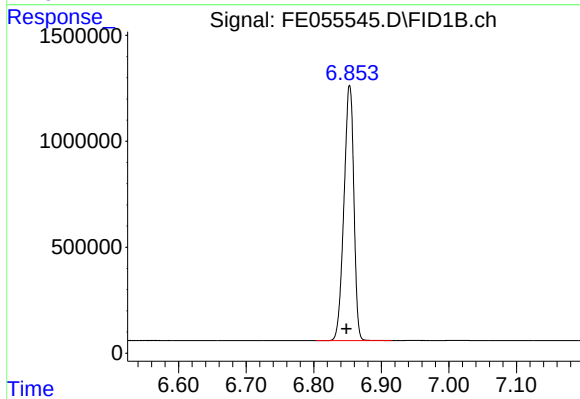
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: 0.003 min
Response: 12034240
Conc: 94.33 ug/ml



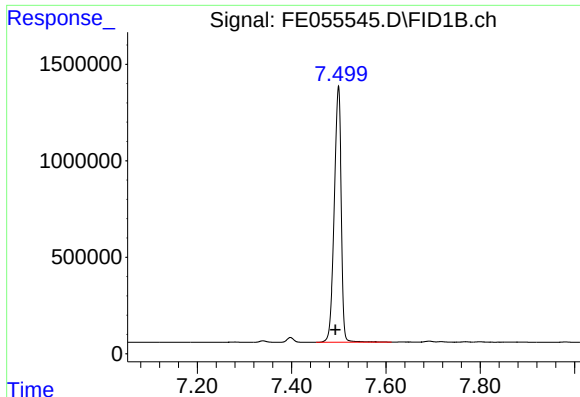
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: 0.004 min
Response: 13856606
Conc: 94.73 ug/ml



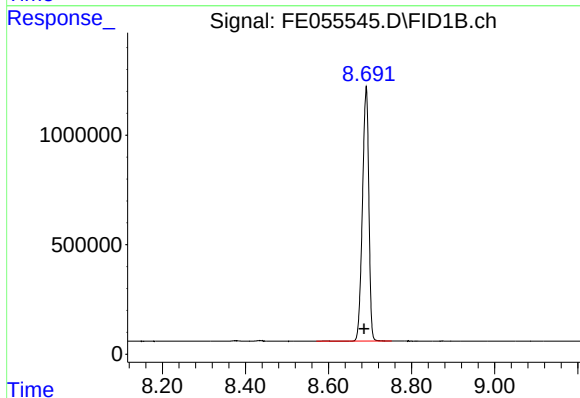
#4 n-Dodecane (C12)

R.T.: 6.853 min
Delta R.T.: 0.005 min
Response: 12269318
Conc: 94.32 ug/ml



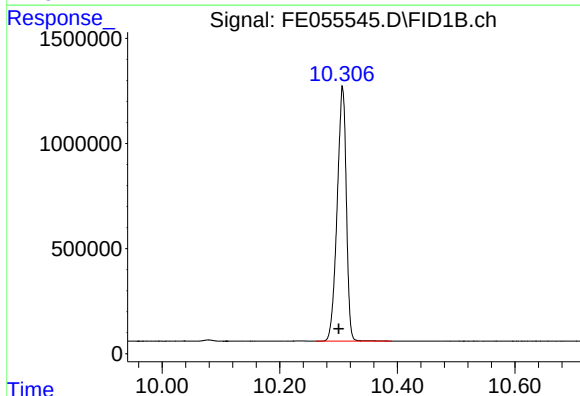
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.499 min
Delta R.T.: 0.006 min
Response: 13568882
Conc: 95.84 ug/ml



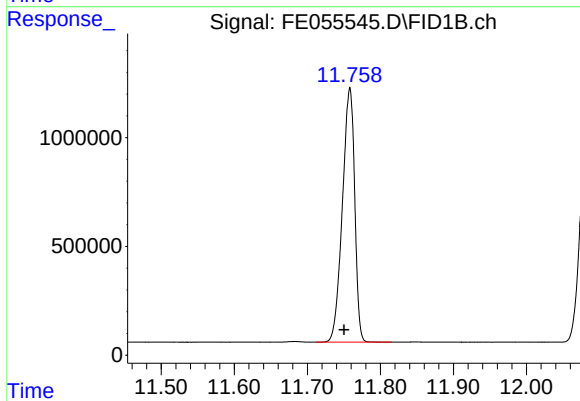
#6 n-Tetradecane (C14)

R.T.: 8.690 min
Delta R.T.: 0.005 min
Response: 12358220
Conc: 94.19 ug/ml



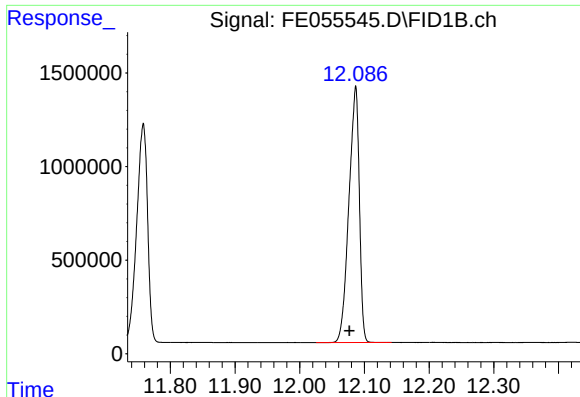
#7 n-Hexadecane (C16)

R.T.: 10.307 min
Delta R.T.: 0.006 min
Response: 13100416
Conc: 95.17 ug/ml



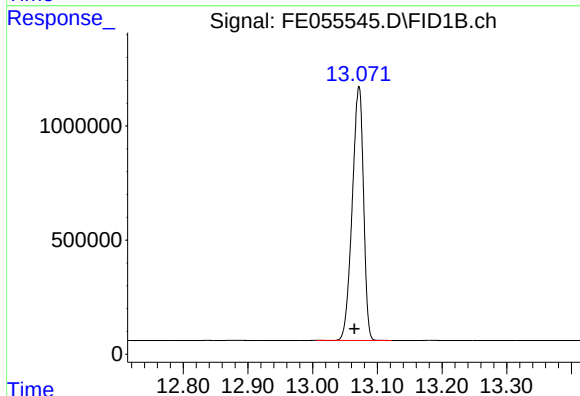
#8 n-Octadecane (C18)

R.T.: 11.758 min
Delta R.T.: 0.008 min
Response: 13658190
Conc: 94.03 ug/ml



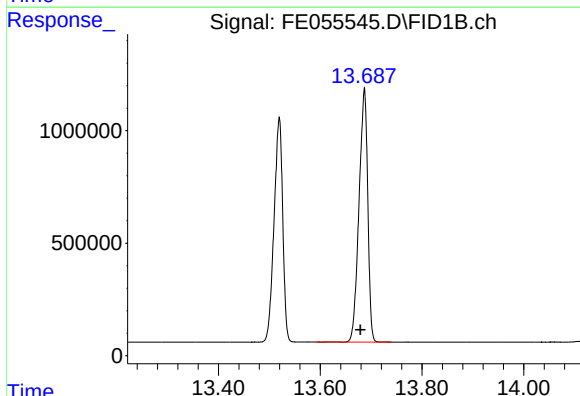
#9 ortho-Terphenyl (SURR)

R.T.: 12.086 min
Delta R.T.: 0.009 min
Response: 15313716
Conc: 93.46 ug/ml



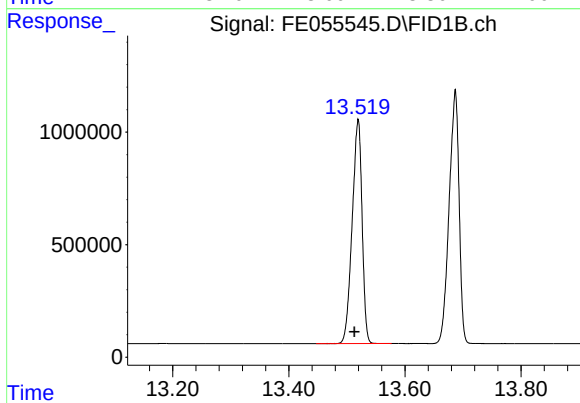
#10 n-Eicosane (C20)

R.T.: 13.071 min
Delta R.T.: 0.007 min
Response: 13479465
Conc: 94.11 ug/ml



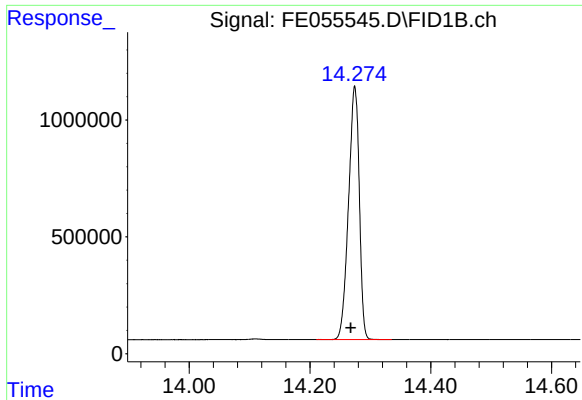
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.008 min
Response: 13396774
Conc: 94.13 ug/ml



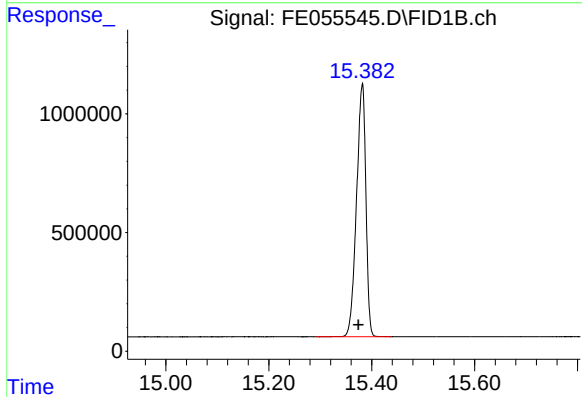
#12 1-chlorooctadecane (SURR)

R.T.: 13.519 min
Delta R.T.: 0.006 min
Response: 11795222
Conc: 94.41 ug/ml



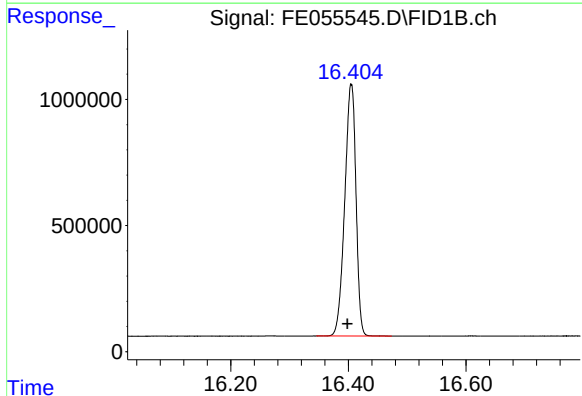
#13 n-Docosane (C22)

R.T.: 14.274 min
Delta R.T.: 0.007 min
Response: 13403516
Conc: 93.93 ug/ml



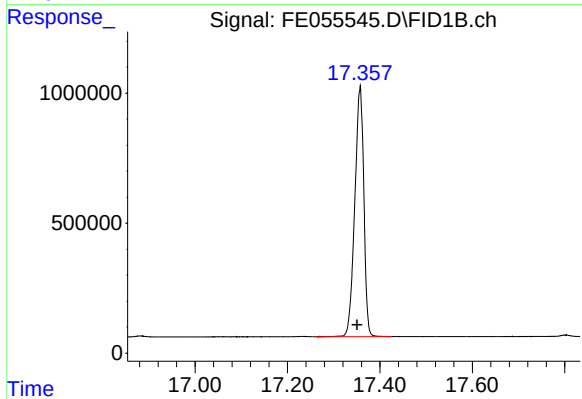
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: 0.007 min
Response: 13447515
Conc: 93.15 ug/ml



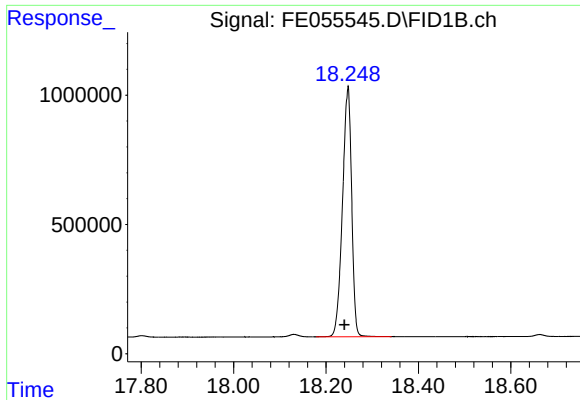
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.006 min
Response: 13239746
Conc: 92.94 ug/ml



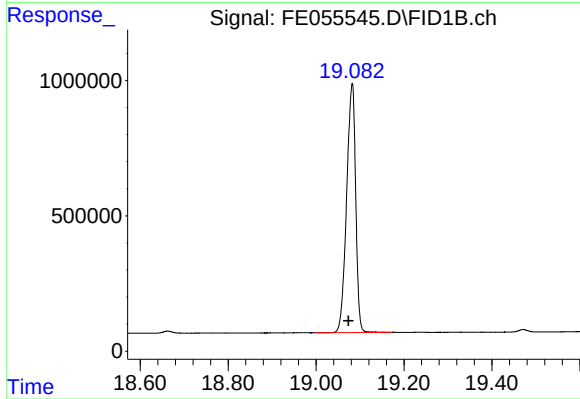
#16 n-Octacosane (C28)

R.T.: 17.357 min
Delta R.T.: 0.007 min
Response: 13045736
Conc: 92.29 ug/ml



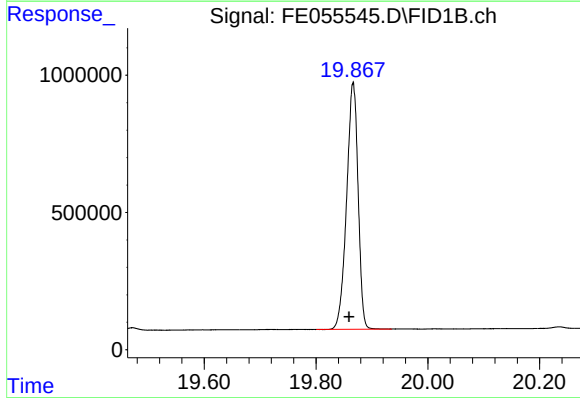
#17 n-Tricontane (C30)

R.T.: 18.247 min
Delta R.T.: 0.008 min
Response: 13338524
Conc: 90.92 ug/ml



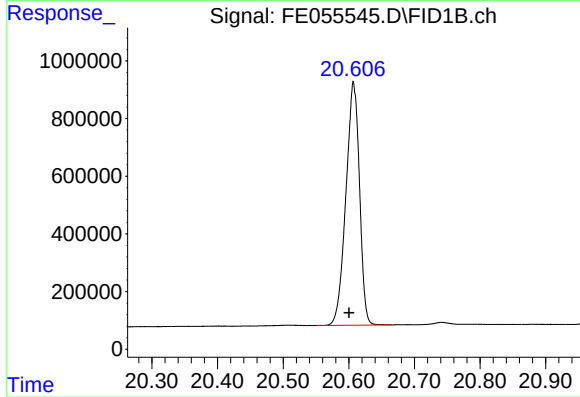
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.008 min
Response: 13157990
Conc: 90.10 ug/ml



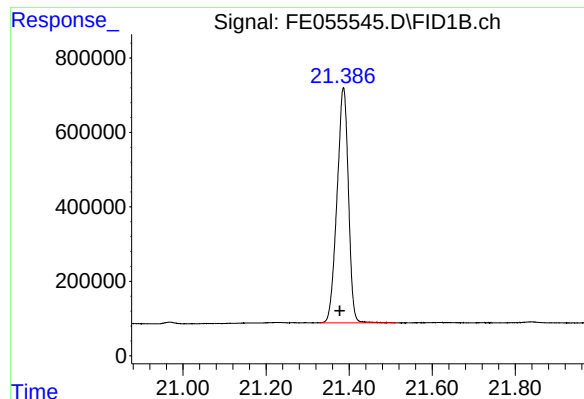
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.007 min
Response: 12802849
Conc: 91.14 ug/ml



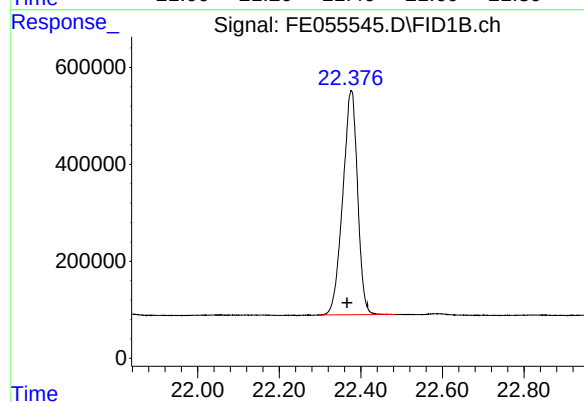
#20 n-Hexatriacontane (C36)

R.T.: 20.607 min
Delta R.T.: 0.007 min
Response: 12140628
Conc: 92.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: 0.009 min
Response: 11994777
Conc: 94.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.376 min
Delta R.T.: 0.010 min
Response: 11662383
Conc: 95.08 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055545.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 09:34
 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 082925.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.417	3.367	3.482	BB	1191648	11828350	77.24%	4.152%
2	4.676	4.639	4.752	BB	1211536	12034240	78.58%	4.224%
3	6.396	6.360	6.479	BB	1439260	13856606	90.48%	4.864%
4	6.853	6.804	6.915	BB	1206551	12269318	80.12%	4.307%
5	7.499	7.452	7.612	BB	1322770	13568882	88.61%	4.763%
6	8.690	8.570	8.752	BB	1156261	12358220	80.70%	4.338%
7	10.307	10.262	10.390	BB	1210090	13100416	85.55%	4.598%
8	11.758	11.712	11.815	BB	1176381	13658190	89.19%	4.794%
9	12.086	12.025	12.142	BB	1353894	15313716	100.00%	5.375%
10	13.071	13.005	13.122	BB	1117183	13479465	88.02%	4.731%
11	13.519	13.447	13.577	BB	991309	11795222	77.02%	4.140%
12	13.686	13.592	13.740	BB	1134552	13396774	87.48%	4.702%
13	14.274	14.210	14.335	BB	1083904	13403516	87.53%	4.705%
14	15.381	15.292	15.439	BB	1068125	13447515	87.81%	4.720%
15	16.405	16.345	16.474	BB	998531	13239746	86.46%	4.647%
16	17.357	17.262	17.425	BB	959033	13045736	85.19%	4.579%
17	18.247	18.179	18.342	BB	962203	13338524	87.10%	4.682%
18	19.082	19.000	19.172	BB	921202	13157990	85.92%	4.619%
19	19.866	19.800	19.935	BB	900975	12802849	83.60%	4.494%
20	20.607	20.550	20.665	BB	843789	12140628	79.28%	4.261%
21	21.386	21.330	21.512	BB	632408	11994777	78.33%	4.210%
22	22.376	22.300	22.485	BB	462197	11662383	76.16%	4.094%
Sum of corrected areas:						284893060		

Aliphatic EPH 082925.M Fri Aug 29 08:19:39 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055546.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 10:04
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 08:04:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:03:47 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.081	7933806	48.420 ug/ml
Spiked Amount 50.000		Recovery =	96.84%
12) S 1-chlorooctadecane (S...	13.516	6092142	48.760 ug/ml
Spiked Amount 50.000		Recovery =	97.52%
Target Compounds			
1) T n-Nonane (C9)	3.416	6168124	48.749 ug/ml
2) T n-Decane (C10)	4.674	6258750	49.059 ug/ml
3) T A~Naphthalene (C11.7)	6.394	7168456	49.008 ug/ml
4) T n-Dodecane (C12)	6.851	6366363	48.940 ug/ml
5) T A~2-methylnaphthalene...	7.496	6971341	49.242 ug/ml
6) T n-Tetradecane (C14)	8.688	6399972	48.779 ug/ml
7) T n-Hexadecane (C16)	10.303	6747569	49.016 ug/ml
8) T n-Octadecane (C18)	11.753	7052281	48.554 ug/ml
10) T n-Eicosane (C20)	13.068	6959863	48.591 ug/ml
11) T n-Heneicosane (C21)	13.682	6920011	48.622 ug/ml
13) T n-Docosane (C22)	14.270	6934567	48.596 ug/ml
14) T n-Tetracosane (C24)	15.377	6974373	48.311 ug/ml
15) T n-Hexacosane (C26)	16.402	6883971	48.322 ug/ml
16) T n-Octacosane (C28)	17.353	6797291	48.085 ug/ml
17) T n-Tricontane (C30)	18.243	6954737	47.407 ug/ml
18) T n-Dotriacontane (C32)	19.077	6869783	47.040 ug/ml
19) T n-Tetratriacontane (C34)	19.863	6674365	47.514 ug/ml
20) T n-Hexatriacontane (C36)	20.604	6315211	48.203 ug/ml
21) T n-Octatriacontane (C38)	21.384	6168238	48.578 ug/ml
22) T n-Tetracontane (C40)	22.370	6109031	49.805 ug/ml

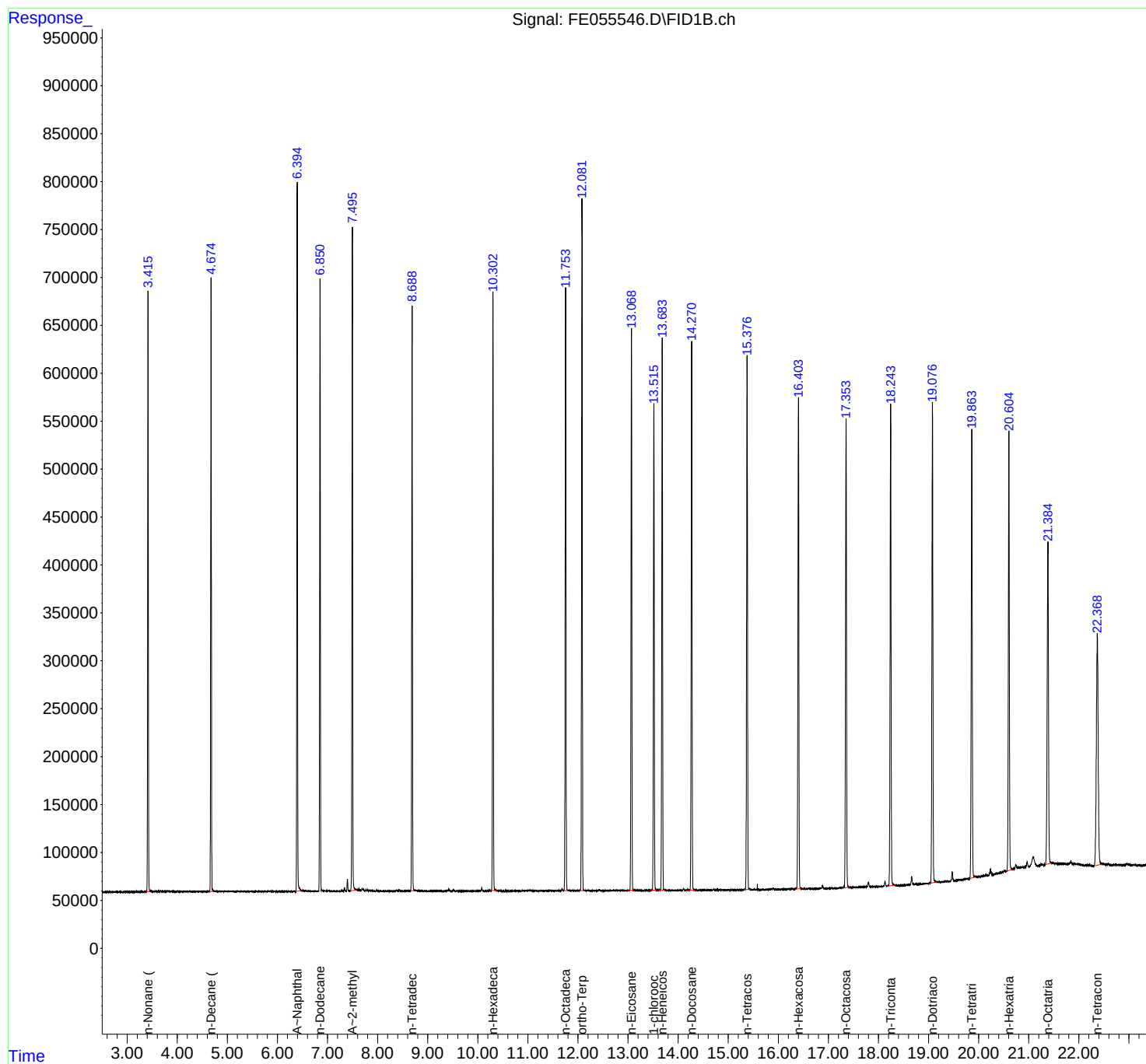
(f)=RT Delta > 1/2 Window

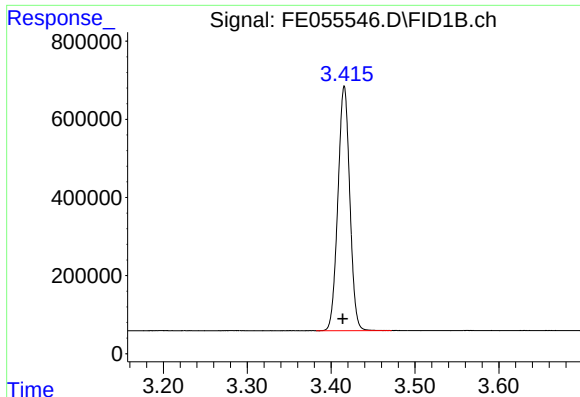
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
Data File : FE055546.D
Signal(s) : FID1B.ch
Acq On : 28 Aug 2025 10:04
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 29 08:04:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:03:47 2025
Response via : Initial Calibration
Integrator: ChemStation

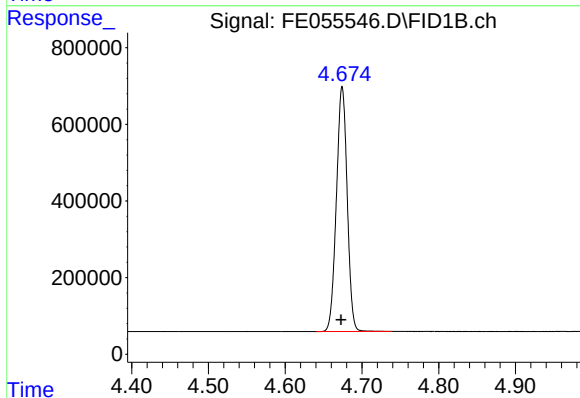
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





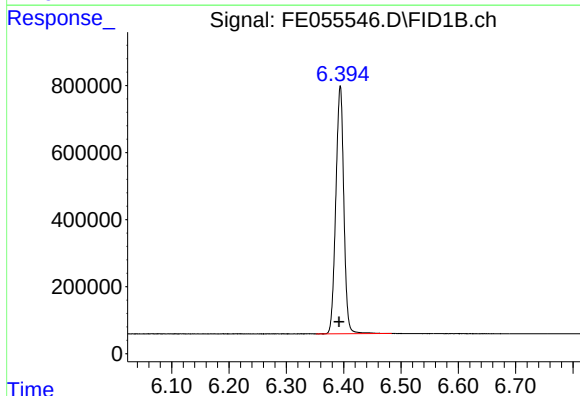
#1 n-Nonane (C9)

R.T.: 3.416 min
Delta R.T.: 0.002 min
Response: 6168124
Conc: 48.75 ug/ml



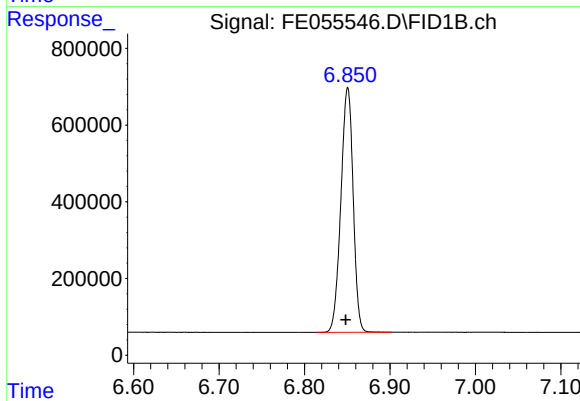
#2 n-Decane (C10)

R.T.: 4.674 min
Delta R.T.: 0.002 min
Response: 6258750
Conc: 49.06 ug/ml



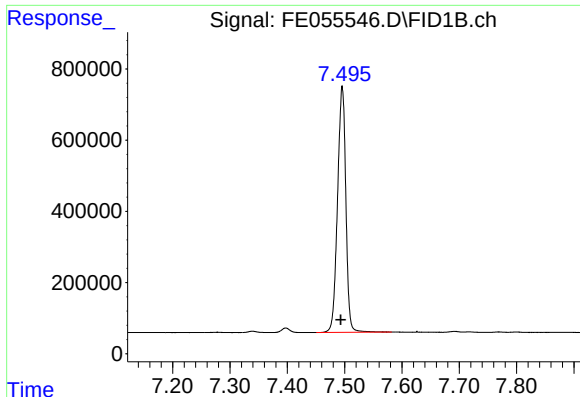
#3 A~Naphthalene (C11.7)

R.T.: 6.394 min
Delta R.T.: 0.002 min
Response: 7168456
Conc: 49.01 ug/ml



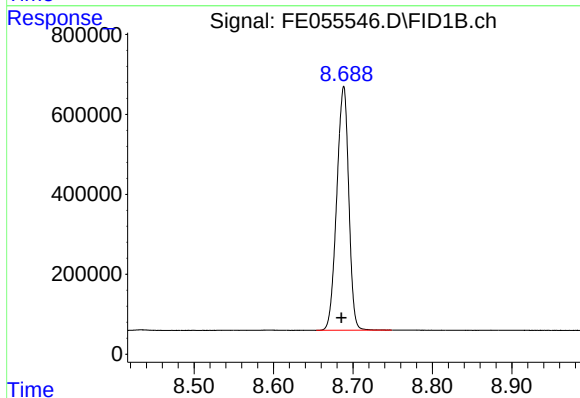
#4 n-Dodecane (C12)

R.T.: 6.851 min
Delta R.T.: 0.002 min
Response: 6366363
Conc: 48.94 ug/ml



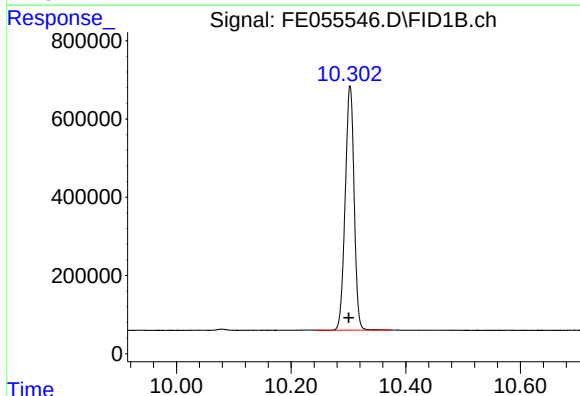
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.496 min
Delta R.T.: 0.002 min
Response: 6971341
Conc: 49.24 ug/ml



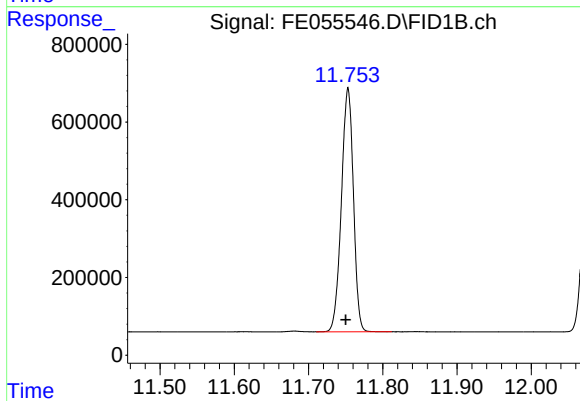
#6 n-Tetradecane (C14)

R.T.: 8.688 min
Delta R.T.: 0.003 min
Response: 6399972
Conc: 48.78 ug/ml



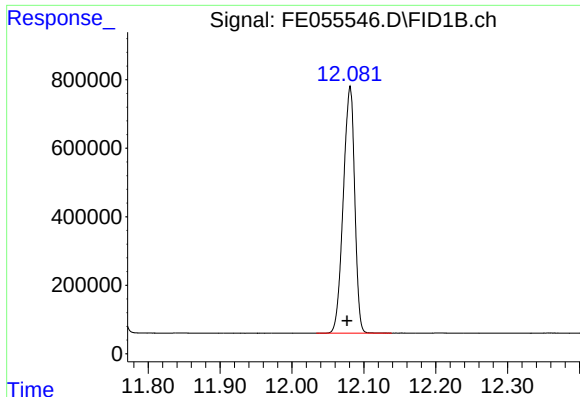
#7 n-Hexadecane (C16)

R.T.: 10.303 min
Delta R.T.: 0.003 min
Response: 6747569
Conc: 49.02 ug/ml



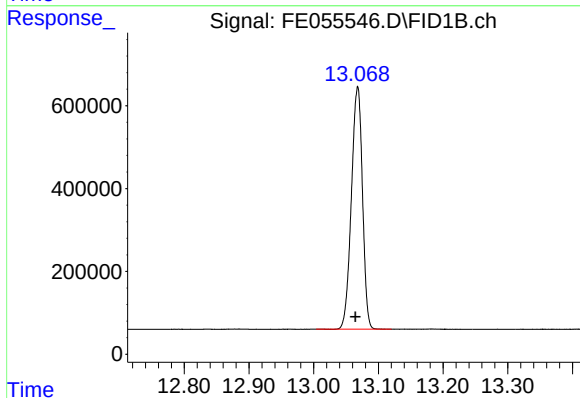
#8 n-Octadecane (C18)

R.T.: 11.753 min
Delta R.T.: 0.003 min
Response: 7052281
Conc: 48.55 ug/ml



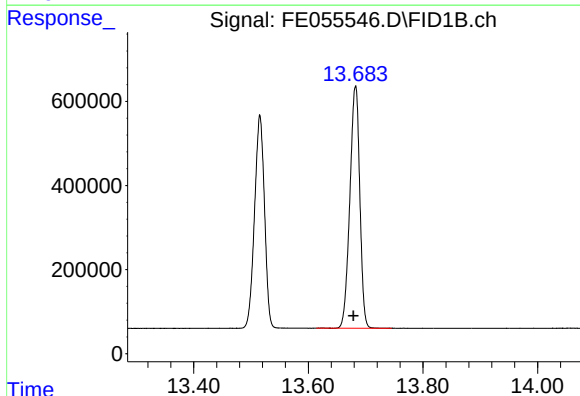
#9 ortho-Terphenyl (SURR)

R.T.: 12.081 min
Delta R.T.: 0.004 min
Response: 7933806
Conc: 48.42 ug/ml



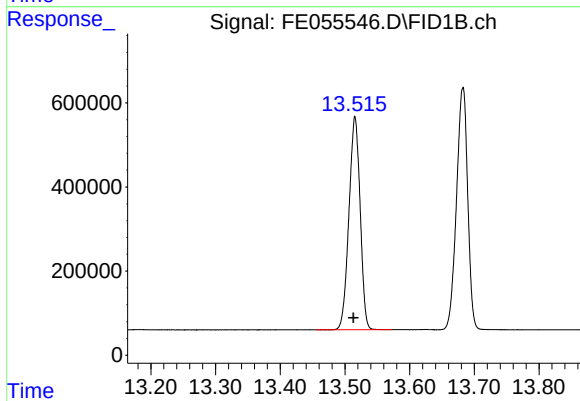
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: 0.003 min
Response: 6959863
Conc: 48.59 ug/ml



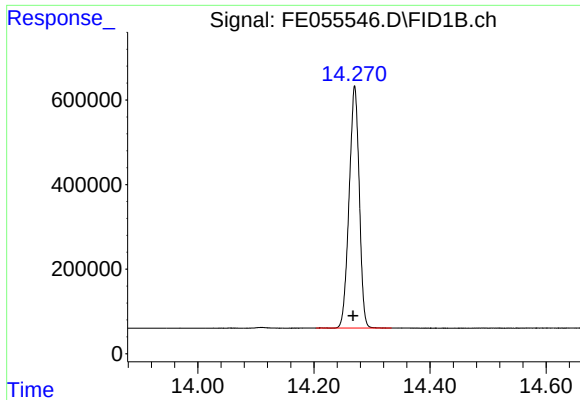
#11 n-Heneicosane (C21)

R.T.: 13.682 min
Delta R.T.: 0.003 min
Response: 6920011
Conc: 48.62 ug/ml



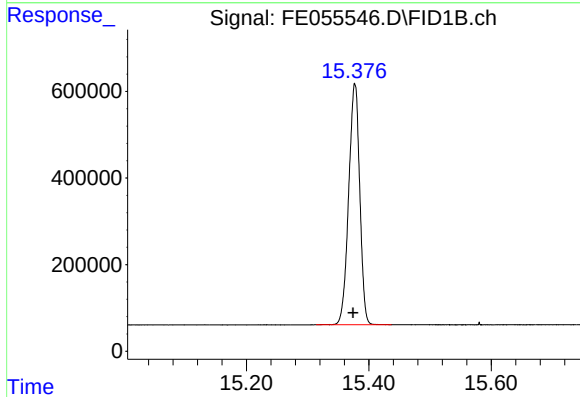
#12 1-chlorooctadecane (SURR)

R.T.: 13.516 min
Delta R.T.: 0.003 min
Response: 6092142
Conc: 48.76 ug/ml



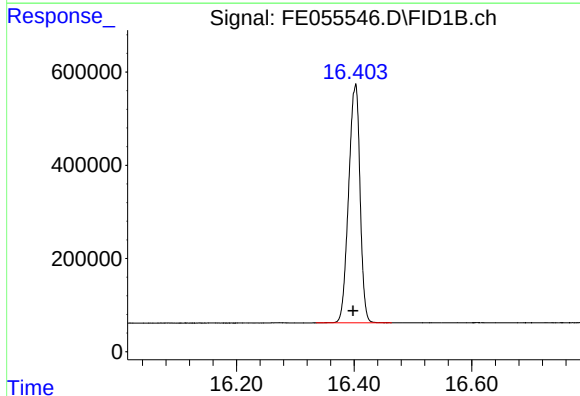
#13 n-Docosane (C22)

R.T.: 14.270 min
Delta R.T.: 0.003 min
Response: 6934567
Conc: 48.60 ug/ml



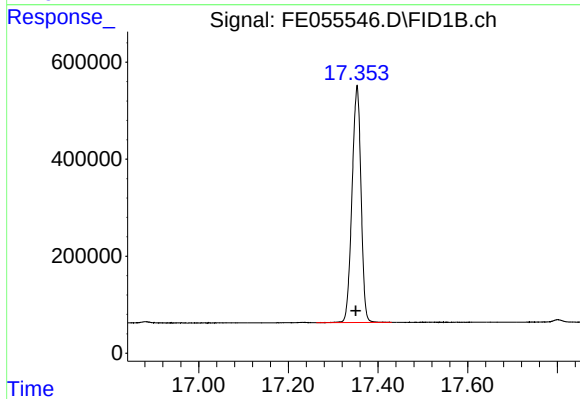
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: 0.002 min
Response: 6974373
Conc: 48.31 ug/ml



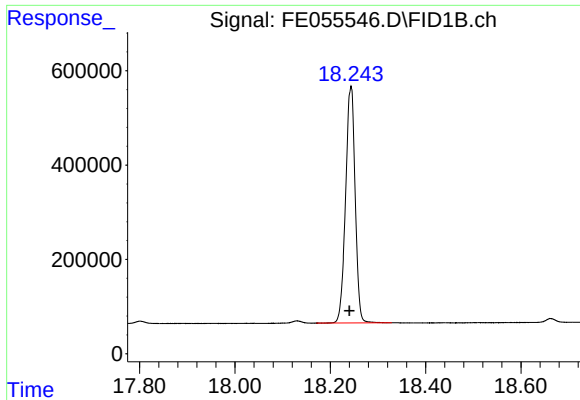
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: 0.003 min
Response: 6883971
Conc: 48.32 ug/ml



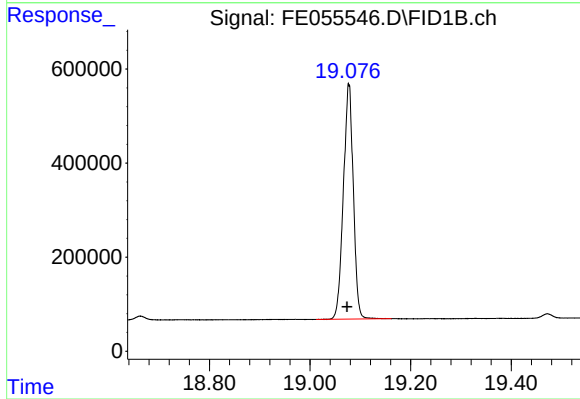
#16 n-Octacosane (C28)

R.T.: 17.353 min
Delta R.T.: 0.003 min
Response: 6797291
Conc: 48.08 ug/ml



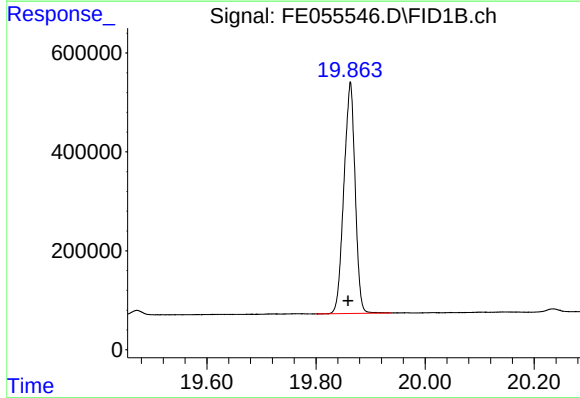
#17 n-Tricontane (C30)

R.T.: 18.243 min
Delta R.T.: 0.003 min
Response: 6954737
Conc: 47.41 ug/ml



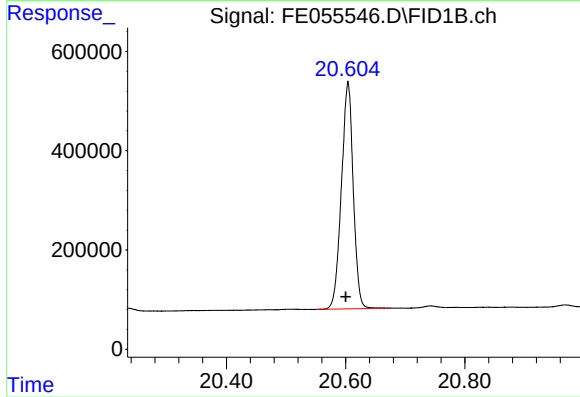
#18 n-Dotriacontane (C32)

R.T.: 19.077 min
Delta R.T.: 0.003 min
Response: 6869783
Conc: 47.04 ug/ml



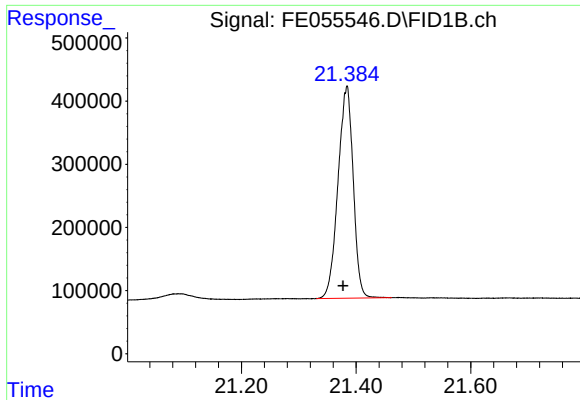
#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: 0.004 min
Response: 6674365
Conc: 47.51 ug/ml



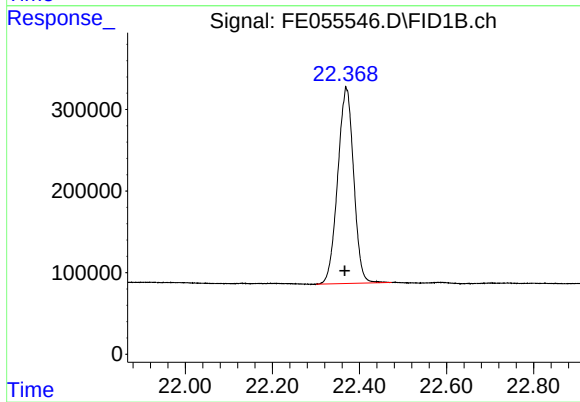
#20 n-Hexatriacontane (C36)

R.T.: 20.604 min
Delta R.T.: 0.003 min
Response: 6315211
Conc: 48.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: 0.006 min
Response: 6168238
Conc: 48.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.370 min
Delta R.T.: 0.004 min
Response: 6109031
Conc: 49.80 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055546.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 10:04
 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 082925.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	3.416	3.382	3.472	BB	625995	6168124	77.74%	4.176%
2	4.674	4.640	4.739	BB	639264	6258750	78.89%	4.237%
3	6.394	6.352	6.484	BB	740311	7168456	90.35%	4.853%
4	6.851	6.814	6.902	BB	638794	6366363	80.24%	4.310%
5	7.496	7.450	7.582	BB	692688	6971341	87.87%	4.719%
6	8.688	8.654	8.749	BB	614230	6399972	80.67%	4.332%
7	10.303	10.244	10.375	BB	626472	6747569	85.05%	4.568%
8	11.753	11.710	11.812	BB	629313	7052281	88.89%	4.774%
9	12.081	12.034	12.139	BB	719382	7933806	100.00%	5.371%
10	13.068	13.004	13.120	BB	582752	6959863	87.72%	4.712%
11	13.516	13.455	13.572	BB	507700	6092142	76.79%	4.124%
12	13.682	13.614	13.745	BB	575245	6920011	87.22%	4.685%
13	14.270	14.204	14.334	BB	572853	6934567	87.41%	4.694%
14	15.377	15.314	15.437	BB	557114	6974373	87.91%	4.721%
15	16.402	16.335	16.464	BB	509688	6883971	86.77%	4.660%
16	17.353	17.262	17.430	BB	490696	6797291	85.68%	4.601%
17	18.243	18.170	18.329	BB	503057	6954737	87.66%	4.708%
18	19.077	19.012	19.162	BB	499413	6869783	86.59%	4.651%
19	19.863	19.800	19.939	BB	466529	6674365	84.13%	4.518%
20	20.604	20.550	20.677	BB	458043	6315211	79.60%	4.275%
21	21.384	21.330	21.462	BB	336062	6168238	77.75%	4.176%
22	22.370	22.300	22.474	BB	238304	6109031	77.00%	4.136%
Sum of corrected areas:						147720243		

Aliphatic EPH 082925.M Fri Aug 29 08:20:00 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055547.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 10:34
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 08:05:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:03:47 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.077	3277094	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.513	2498820	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.414	2530579	20.000 ug/ml
2) T n-Decane (C10)	4.673	2551497	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.392	2925404	20.000 ug/ml
4) T n-Dodecane (C12)	6.848	2601682	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.493	2831487	20.000 ug/ml
6) T n-Tetradecane (C14)	8.685	2624050	20.000 ug/ml
7) T n-Hexadecane (C16)	10.300	2753193	20.000 ug/ml
8) T n-Octadecane (C18)	11.750	2904925	20.000 ug/ml
10) T n-Eicosane (C20)	13.064	2864643	20.000 ug/ml
11) T n-Heneicosane (C21)	13.679	2846445	20.000 ug/ml
13) T n-Docosane (C22)	14.267	2853950	20.000 ug/ml
14) T n-Tetracosane (C24)	15.375	2887260	20.000 ug/ml
15) T n-Hexacosane (C26)	16.398	2849191	20.000 ug/ml
16) T n-Octacosane (C28)	17.350	2827205	20.000 ug/ml
17) T n-Tricontane (C30)	18.240	2934030	20.000 ug/ml
18) T n-Dotriacontane (C32)	19.074	2920846	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.859	2809431	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.601	2620265	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.377	2539543	20.000 ug/ml
22) T n-Tetracontane (C40)	22.366	2453185	20.000 ug/ml

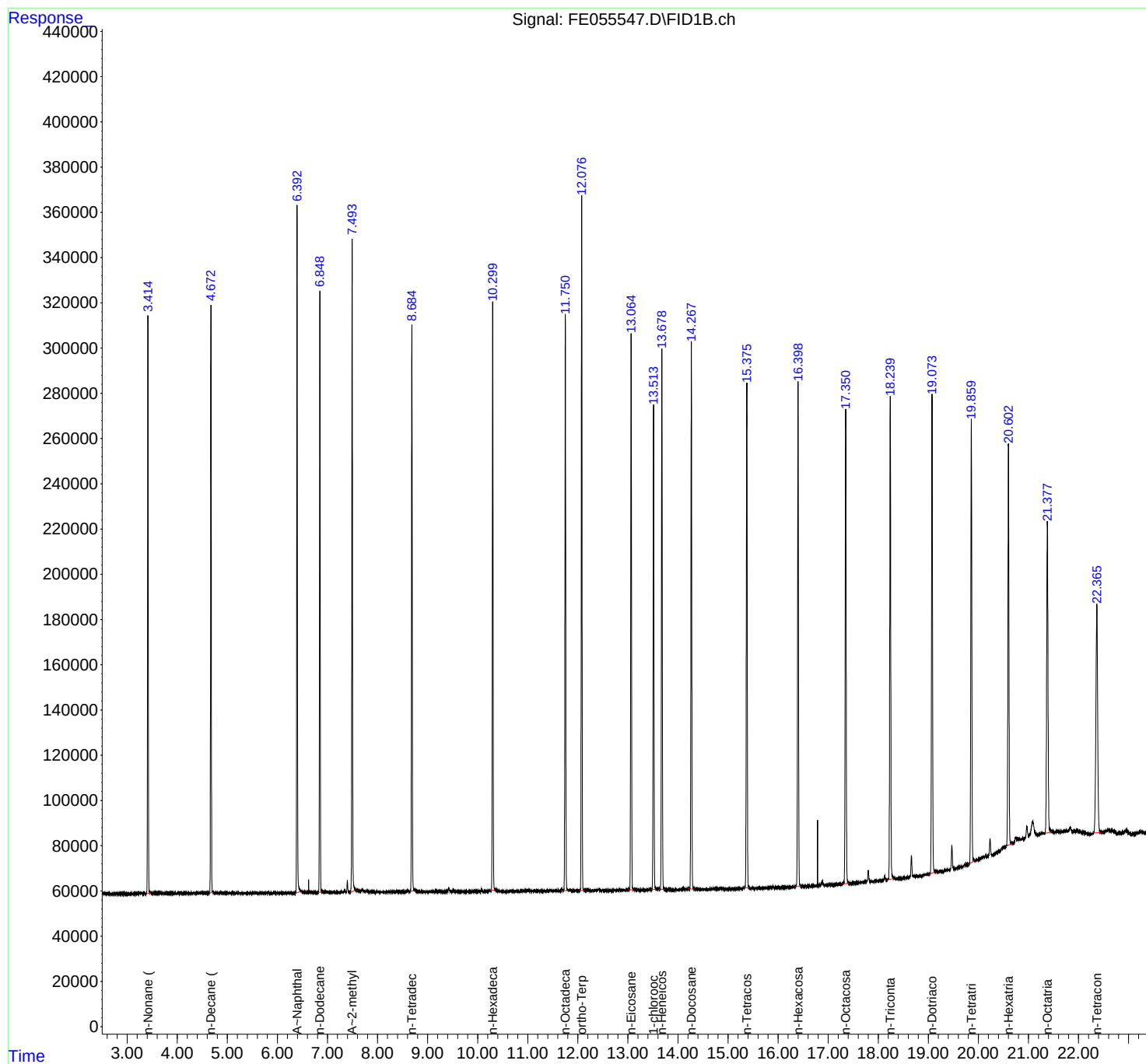
(f)=RT Delta > 1/2 Window

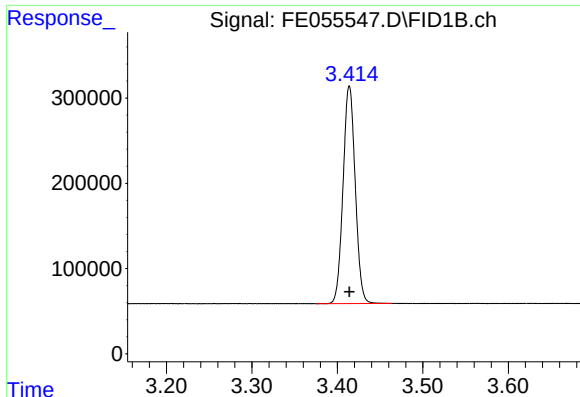
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
Data File : FE055547.D
Signal(s) : FID1B.ch
Acq On : 28 Aug 2025 10:34
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 29 08:05:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:03:47 2025
Response via : Initial Calibration
Integrator: ChemStation

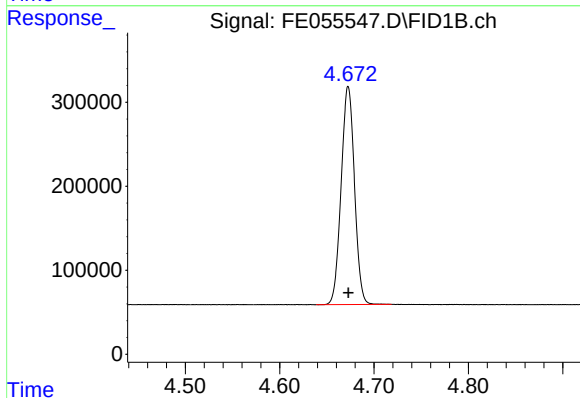
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





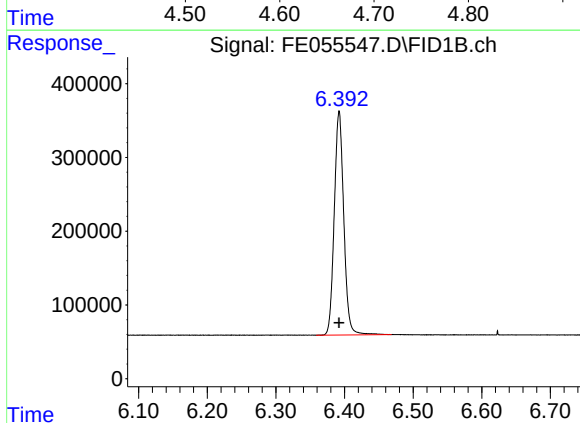
#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 2530579
Conc: 20.00 ug/ml



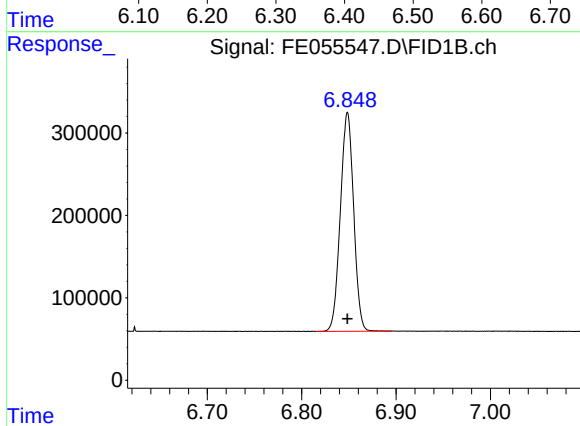
#2 n-Decane (C10)

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 2551497
Conc: 20.00 ug/ml



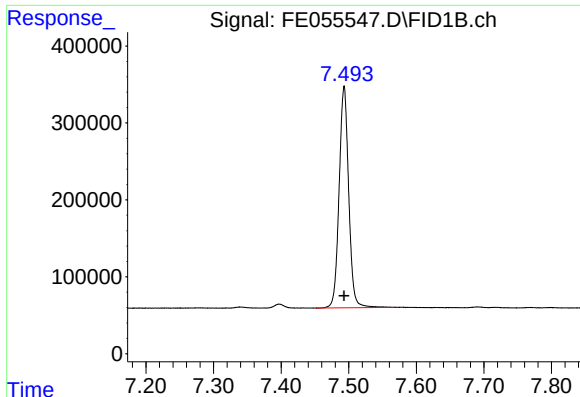
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 2925404
Conc: 20.00 ug/ml



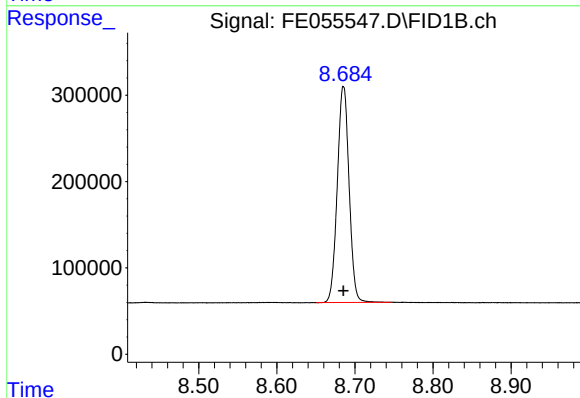
#4 n-Dodecane (C12)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 2601682
Conc: 20.00 ug/ml



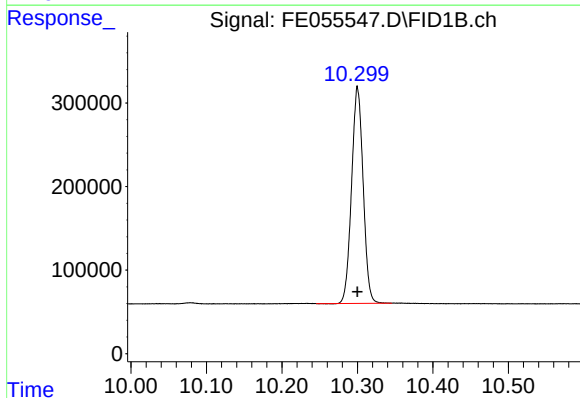
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 2831487
Conc: 20.00 ug/ml



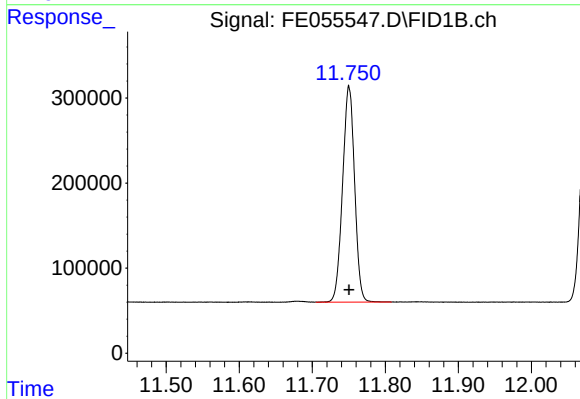
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 2624050
Conc: 20.00 ug/ml



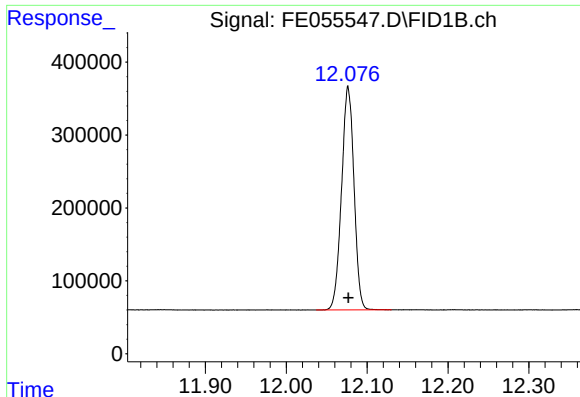
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: 0.000 min
Response: 2753193
Conc: 20.00 ug/ml



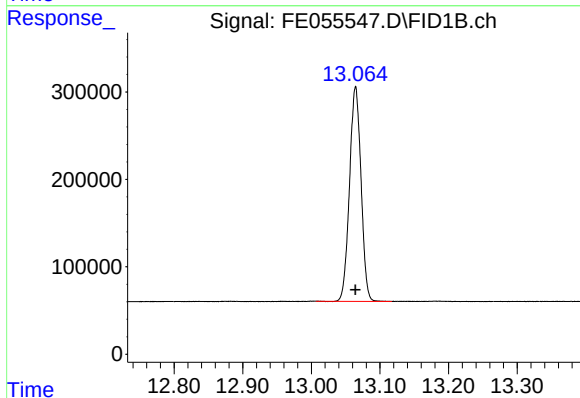
#8 n-Octadecane (C18)

R.T.: 11.750 min
Delta R.T.: 0.000 min
Response: 2904925
Conc: 20.00 ug/ml



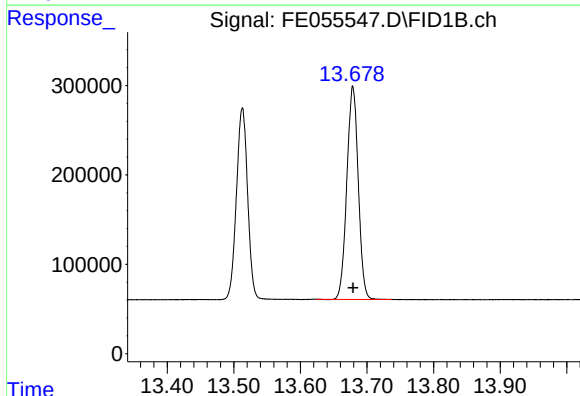
#9 ortho-Terphenyl (SURR)

R.T.: 12.077 min
Delta R.T.: 0.000 min
Response: 3277094
Conc: 20.00 ug/ml



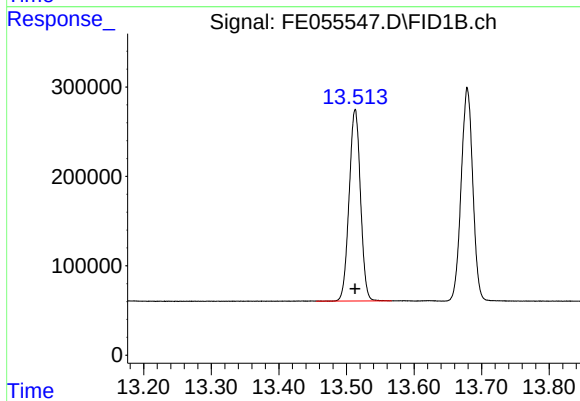
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: 0.000 min
Response: 2864643
Conc: 20.00 ug/ml



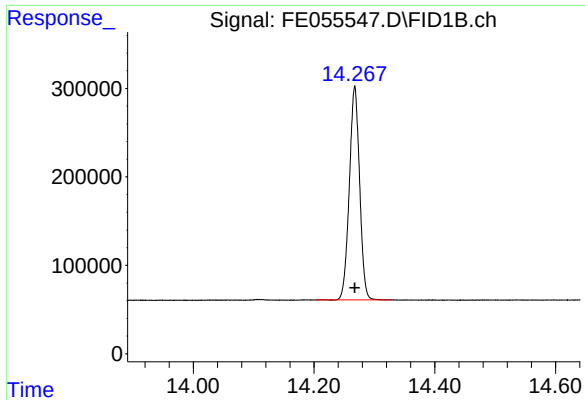
#11 n-Heneicosane (C21)

R.T.: 13.679 min
Delta R.T.: 0.000 min
Response: 2846445
Conc: 20.00 ug/ml



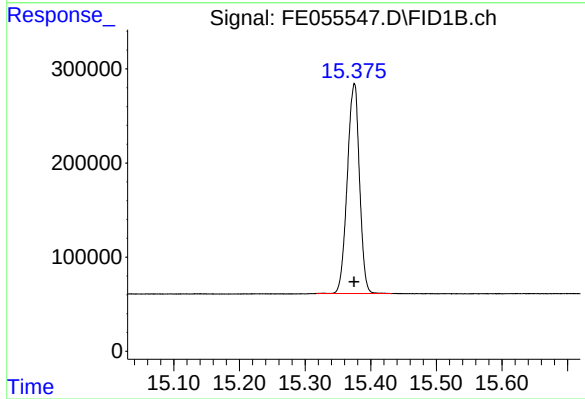
#12 1-chlorooctadecane (SURR)

R.T.: 13.513 min
Delta R.T.: 0.000 min
Response: 2498820
Conc: 20.00 ug/ml



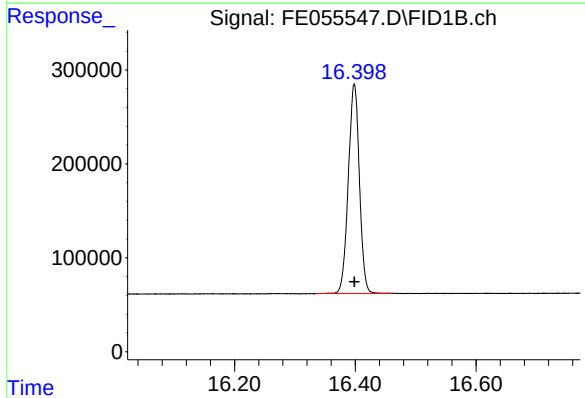
#13 n-Docosane (C22)

R.T.: 14.267 min
Delta R.T.: 0.000 min
Response: 2853950
Conc: 20.00 ug/ml



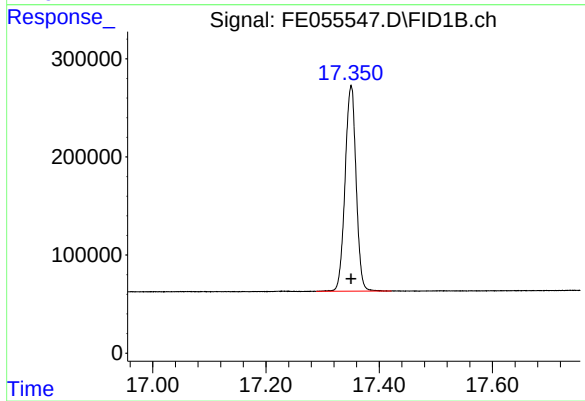
#14 n-Tetracosane (C24)

R.T.: 15.375 min
Delta R.T.: 0.000 min
Response: 2887260
Conc: 20.00 ug/ml



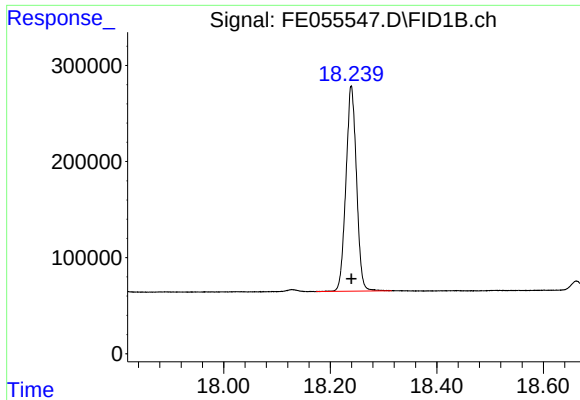
#15 n-Hexacosane (C26)

R.T.: 16.398 min
Delta R.T.: 0.000 min
Response: 2849191
Conc: 20.00 ug/ml



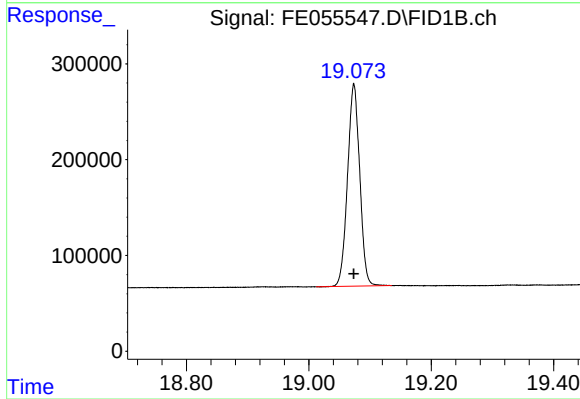
#16 n-Octacosane (C28)

R.T.: 17.350 min
Delta R.T.: 0.000 min
Response: 2827205
Conc: 20.00 ug/ml



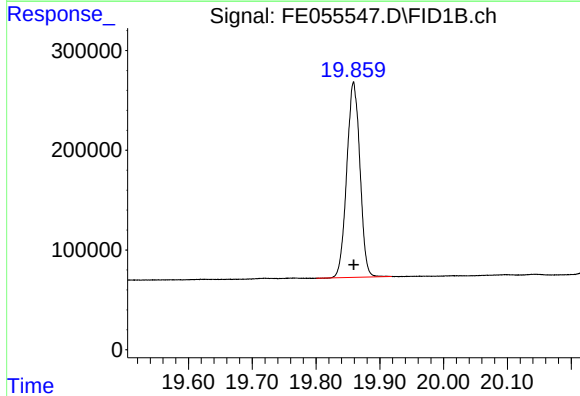
#17 n-Tricontane (C30)

R.T.: 18.240 min
Delta R.T.: 0.000 min
Response: 2934030
Conc: 20.00 ug/ml



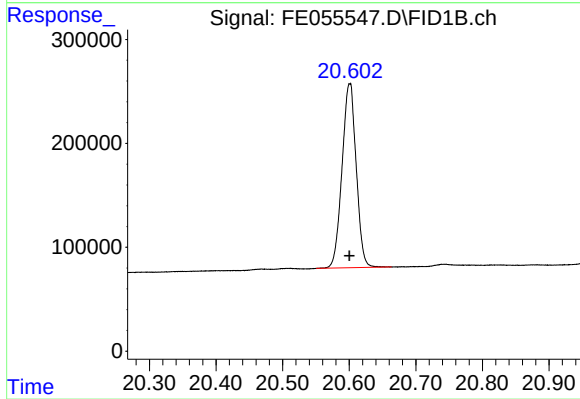
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: 0.000 min
Response: 2920846
Conc: 20.00 ug/ml



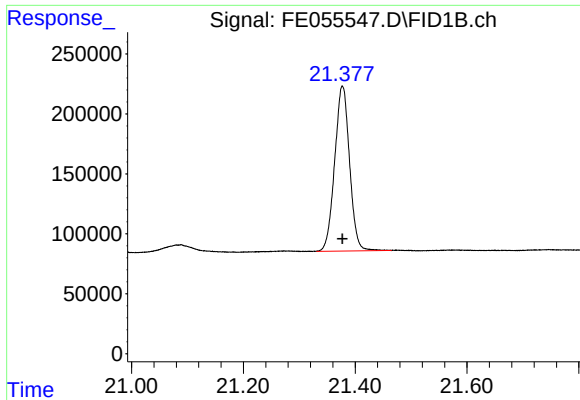
#19 n-Tetratriacontane (C34)

R.T.: 19.859 min
Delta R.T.: 0.000 min
Response: 2809431
Conc: 20.00 ug/ml



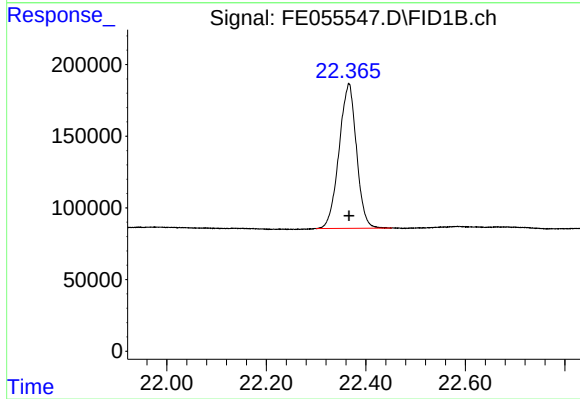
#20 n-Hexatriacontane (C36)

R.T.: 20.601 min
Delta R.T.: 0.000 min
Response: 2620265
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.377 min
Delta R.T.: 0.000 min
Response: 2539543
Conc: 20.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.366 min
Delta R.T.: 0.000 min
Response: 2453185
Conc: 20.00 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
Data File : FE055547.D
Signal(s) : FID1B.ch
Acq On : 28 Aug 2025 10:34
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 082925.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	3.414	3.375	3.464	BB	255465	2530579	77.22%	4.155%
2	4.673	4.639	4.719	BB	260252	2551497	77.86%	4.189%
3	6.392	6.359	6.469	BB	303022	2925404	89.27%	4.803%
4	6.849	6.815	6.895	BB	266425	2601682	79.39%	4.272%
5	7.493	7.452	7.564	BB	289142	2831487	86.40%	4.649%
6	8.685	8.650	8.747	BB	250558	2624050	80.07%	4.308%
7	10.300	10.245	10.345	BB	258692	2753193	84.01%	4.520%
8	11.750	11.705	11.809	BB	253983	2904925	88.64%	4.770%
9	12.077	12.037	12.130	BB	304941	3277094	100.00%	5.381%
10	13.064	13.007	13.117	BB	246936	2864643	87.41%	4.703%
11	13.513	13.455	13.567	BB	215156	2498820	76.25%	4.103%
12	13.679	13.624	13.737	BB	238940	2846445	86.86%	4.674%
13	14.267	14.204	14.329	BB	240835	2853950	87.09%	4.686%
14	15.375	15.317	15.432	BB	223855	2887260	88.10%	4.741%
15	16.398	16.335	16.460	BB	223081	2849191	86.94%	4.678%
16	17.350	17.289	17.422	BB	209651	2827205	86.27%	4.642%
17	18.240	18.174	18.315	BB	213168	2934030	89.53%	4.817%
18	19.074	19.012	19.135	BB	211575	2920846	89.13%	4.796%
19	19.859	19.800	19.919	BB	195432	2809431	85.73%	4.613%
20	20.601	20.550	20.664	BB	177486	2620265	79.96%	4.302%
21	21.377	21.330	21.465	BB	137550	2539543	77.49%	4.170%
22	22.366	22.300	22.452	BB	101248	2453185	74.86%	4.028%
Sum of corrected areas:							60904726	

Aliphatic EPH 082925.M Fri Aug 29 08:20:23 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055548.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 11:04
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 08:05:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:03:47 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.075	1683791	10.276 ug/ml
Spiked Amount 50.000		Recovery =	20.55%
12) S 1-chlorooctadecane (S...	13.512	1275820	10.211 ug/ml
Spiked Amount 50.000		Recovery =	20.42%
Target Compounds			
1) T n-Nonane (C9)	3.414	1297407	10.254 ug/ml
2) T n-Decane (C10)	4.672	1304028	10.222 ug/ml
3) T A~Naphthalene (C11.7)	6.392	1470302	10.052 ug/ml
4) T n-Dodecane (C12)	6.848	1321327	10.157 ug/ml
5) T A~2-methylnaphthalene...	7.493	1415527	9.998 ug/ml
6) T n-Tetradecane (C14)	8.685	1343455	10.240 ug/ml
7) T n-Hexadecane (C16)	10.300	1408614	10.233 ug/ml
8) T n-Octadecane (C18)	11.749	1496127	10.301 ug/ml
10) T n-Eicosane (C20)	13.064	1475555	10.302 ug/ml
11) T n-Heneicosane (C21)	13.678	1469033	10.322 ug/ml
13) T n-Docosane (C22)	14.266	1474035	10.330 ug/ml
14) T n-Tetracosane (C24)	15.373	1491136	10.329 ug/ml
15) T n-Hexacosane (C26)	16.397	1473454	10.343 ug/ml
16) T n-Octacosane (C28)	17.349	1471739	10.411 ug/ml
17) T n-Tricontane (C30)	18.239	1533792	10.455 ug/ml
18) T n-Dotriacontane (C32)	19.073	1522069	10.422 ug/ml
19) T n-Tetratriacontane (C34)	19.859	1463167	10.416 ug/ml
20) T n-Hexatriacontane (C36)	20.600	1373755	10.486 ug/ml
21) T n-Octatriacontane (C38)	21.377	1388003	10.931 ug/ml
22) T n-Tetracontane (C40)	22.361	1365028	11.129 ug/ml

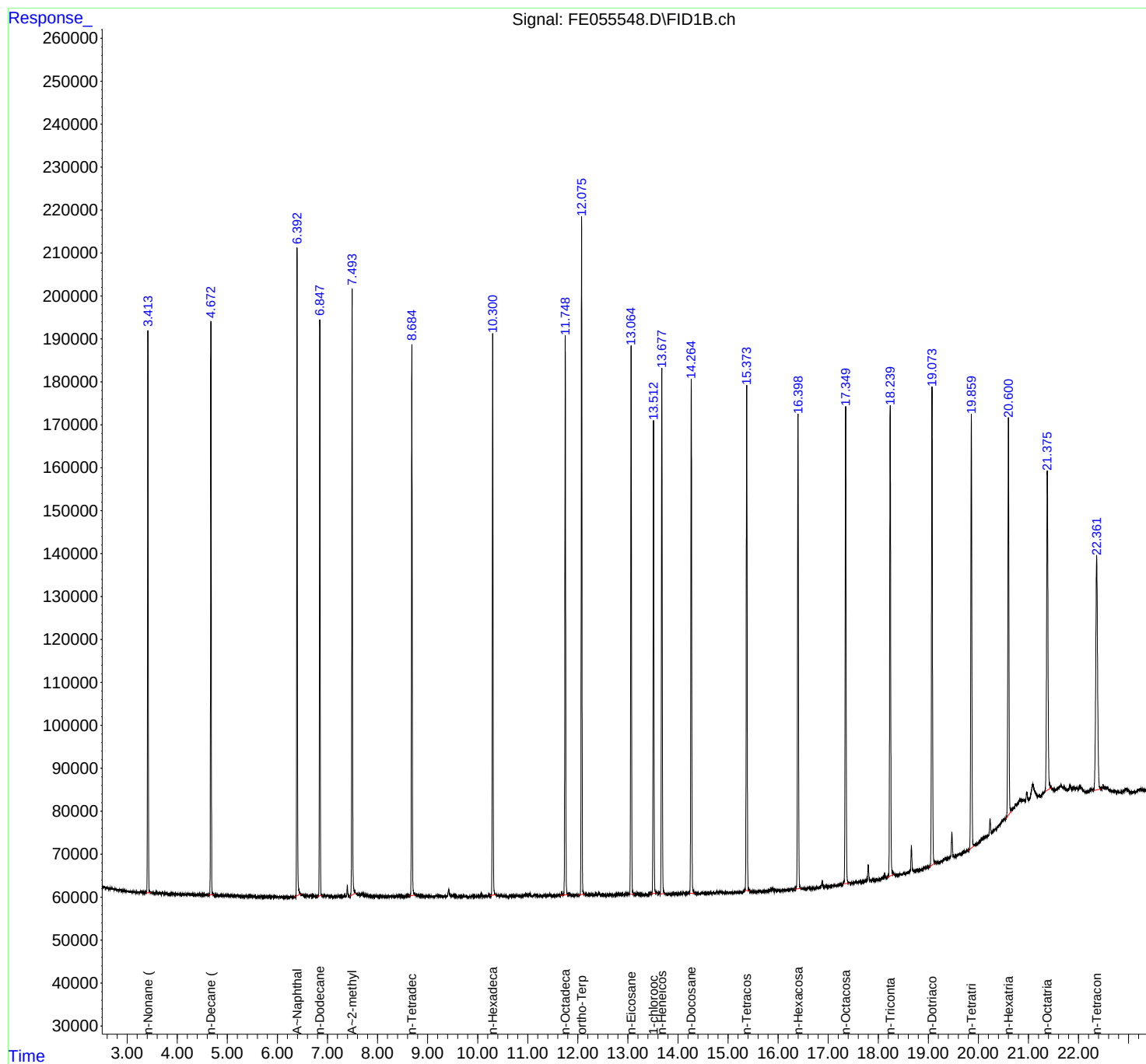
(f)=RT Delta > 1/2 Window

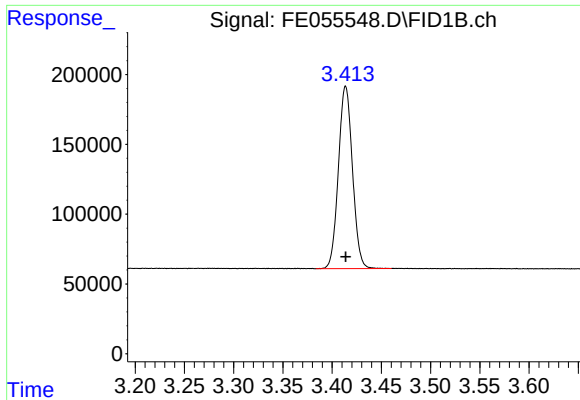
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
Data File : FE055548.D
Signal(s) : FID1B.ch
Acq On : 28 Aug 2025 11:04
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 29 08:05:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:03:47 2025
Response via : Initial Calibration
Integrator: ChemStation

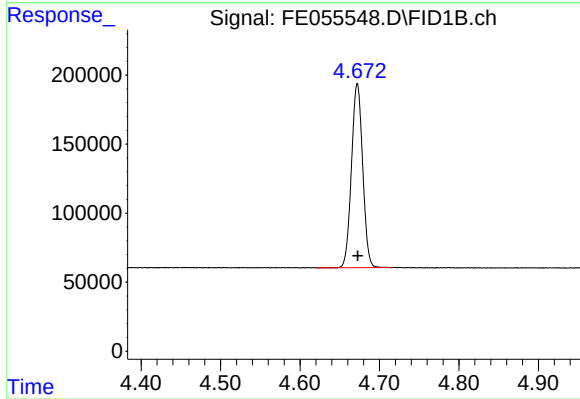
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





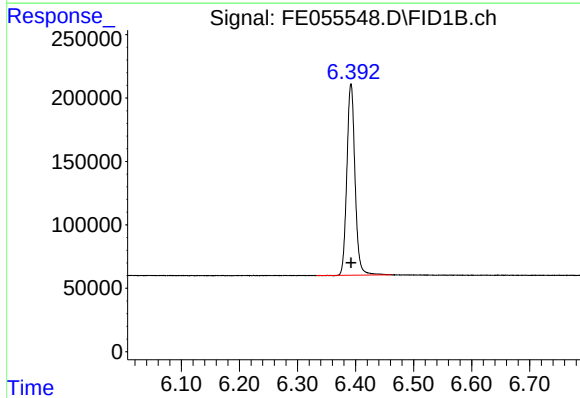
#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 1297407
Conc: 10.25 ug/ml



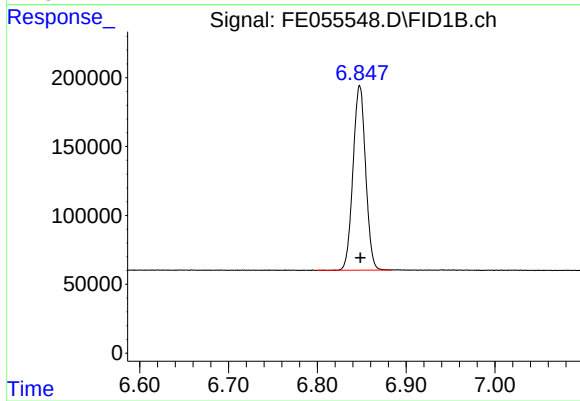
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 1304028
Conc: 10.22 ug/ml



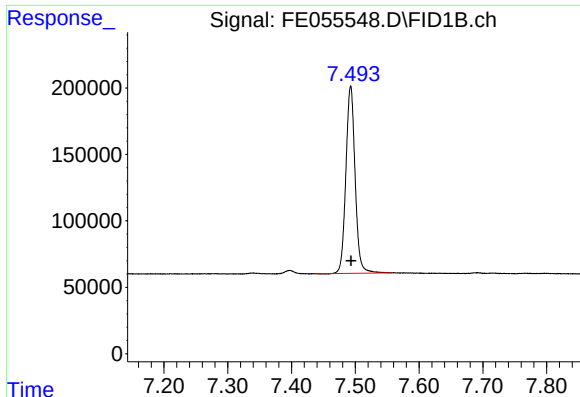
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 1470302
Conc: 10.05 ug/ml



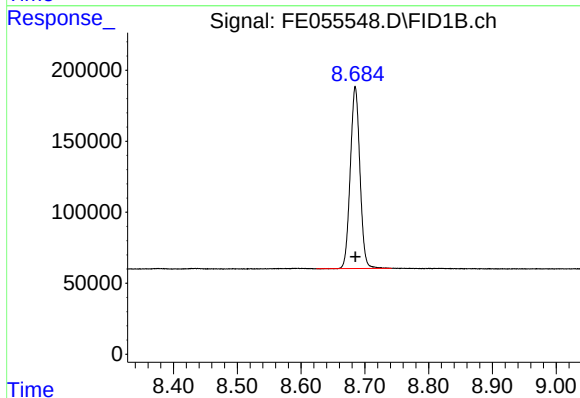
#4 n-Dodecane (C12)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 1321327
Conc: 10.16 ug/ml



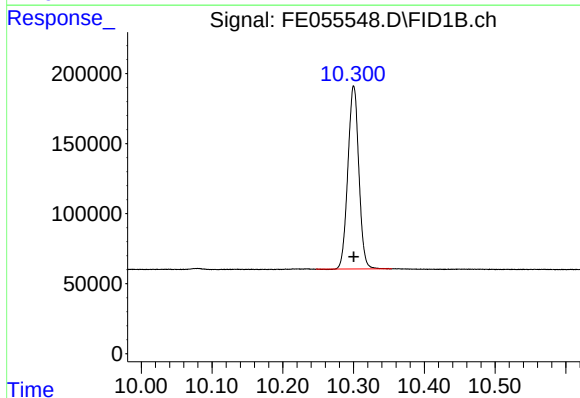
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 1415527
Conc: 10.00 ug/ml



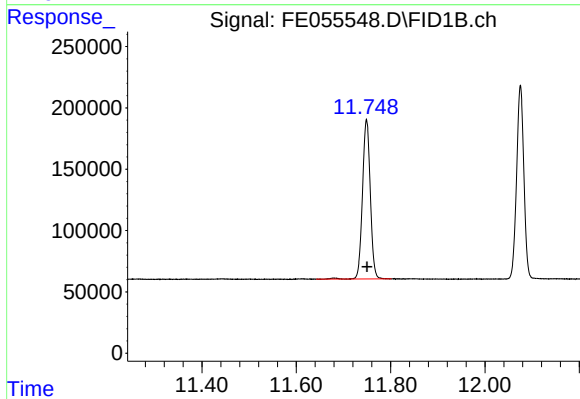
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 1343455
Conc: 10.24 ug/ml



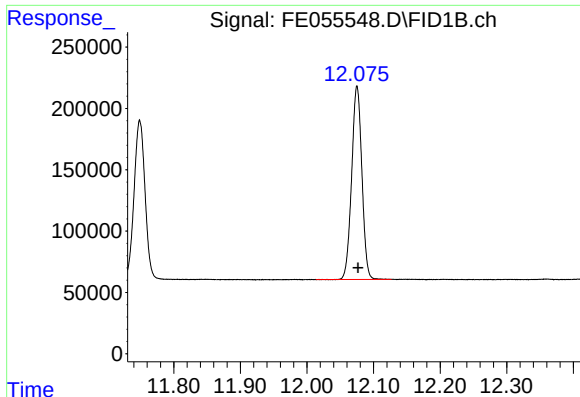
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: 0.000 min
Response: 1408614
Conc: 10.23 ug/ml



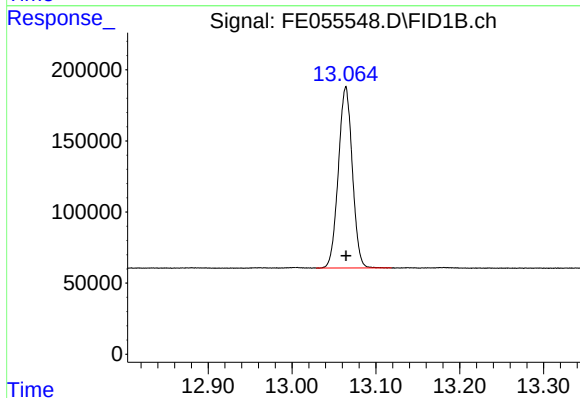
#8 n-Octadecane (C18)

R.T.: 11.749 min
Delta R.T.: -0.001 min
Response: 1496127
Conc: 10.30 ug/ml



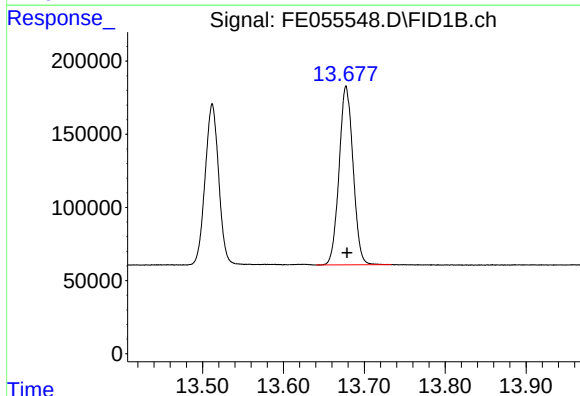
#9 ortho-Terphenyl (SURR)

R.T.: 12.075 min
Delta R.T.: -0.001 min
Response: 1683791
Conc: 10.28 ug/ml



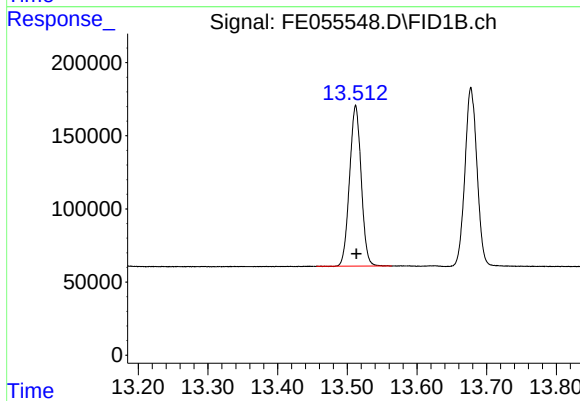
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: 0.000 min
Response: 1475555
Conc: 10.30 ug/ml



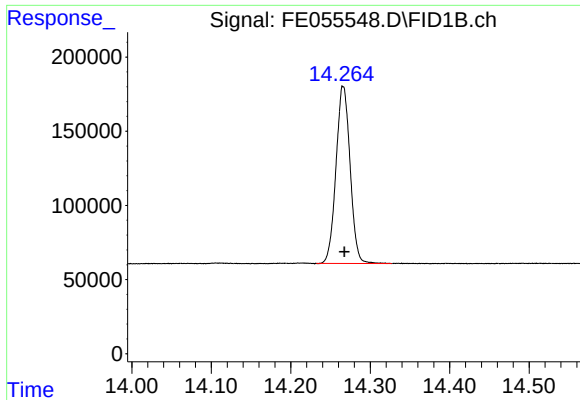
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: -0.001 min
Response: 1469033
Conc: 10.32 ug/ml



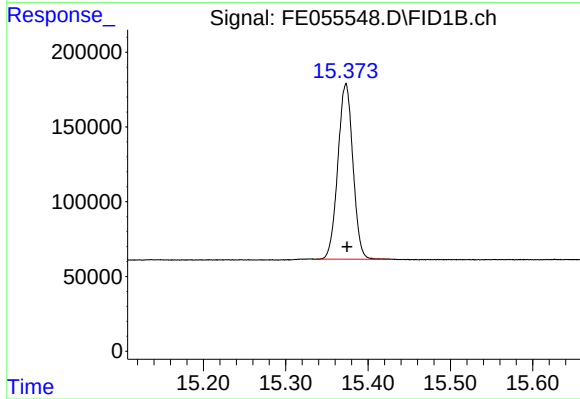
#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.000 min
Response: 1275820
Conc: 10.21 ug/ml



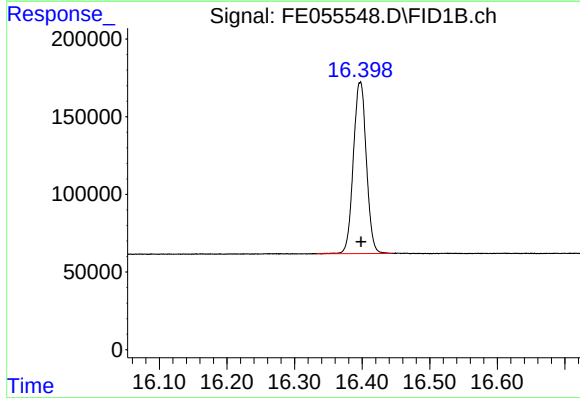
#13 n-Docosane (C22)

R.T.: 14.266 min
Delta R.T.: -0.001 min
Response: 1474035
Conc: 10.33 ug/ml



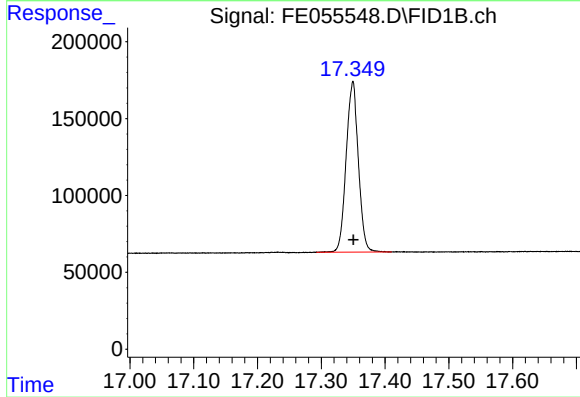
#14 n-Tetracosane (C24)

R.T.: 15.373 min
Delta R.T.: -0.002 min
Response: 1491136
Conc: 10.33 ug/ml



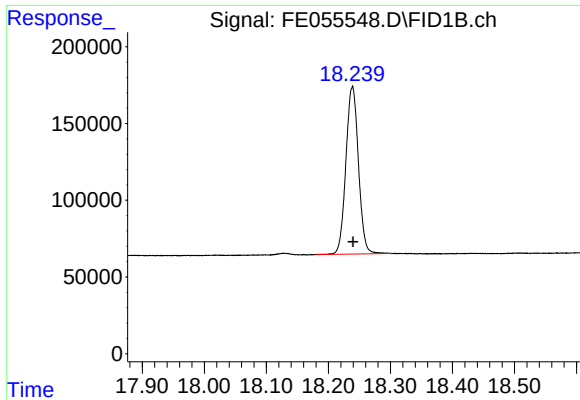
#15 n-Hexacosane (C26)

R.T.: 16.397 min
Delta R.T.: -0.001 min
Response: 1473454
Conc: 10.34 ug/ml



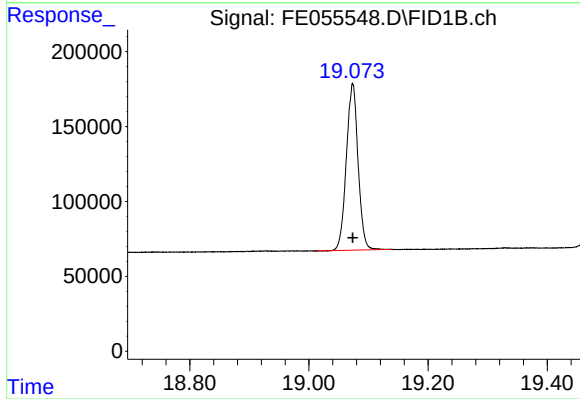
#16 n-Octacosane (C28)

R.T.: 17.349 min
Delta R.T.: -0.001 min
Response: 1471739
Conc: 10.41 ug/ml



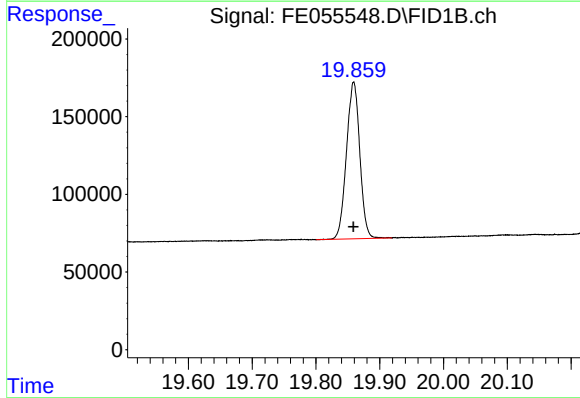
#17 n-Tricontane (C30)

R.T.: 18.239 min
Delta R.T.: 0.000 min
Response: 1533792
Conc: 10.46 ug/ml



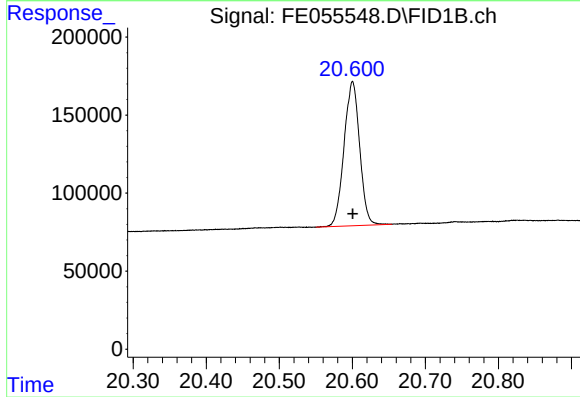
#18 n-Dotriacontane (C32)

R.T.: 19.073 min
Delta R.T.: 0.000 min
Response: 1522069
Conc: 10.42 ug/ml



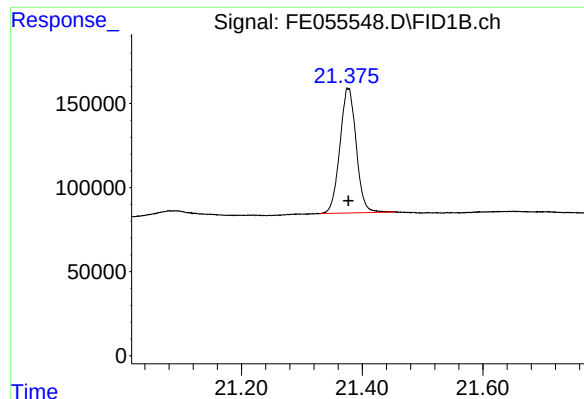
#19 n-Tetratriacontane (C34)

R.T.: 19.859 min
Delta R.T.: 0.000 min
Response: 1463167
Conc: 10.42 ug/ml



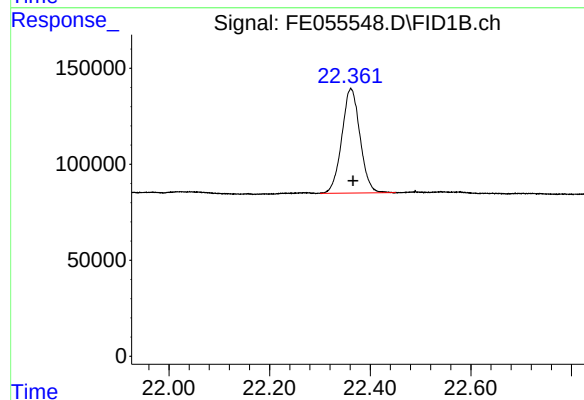
#20 n-Hexatriacontane (C36)

R.T.: 20.600 min
Delta R.T.: 0.000 min
Response: 1373755
Conc: 10.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.377 min
Delta R.T.: 0.000 min
Response: 1388003
Conc: 10.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.361 min
Delta R.T.: -0.004 min
Response: 1365028
Conc: 11.13 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055548.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 11:04
 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 082925.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	3.414	3.384	3.460	BB	130798	1297407	77.05%	4.117%
2	4.672	4.620	4.715	BB	133425	1304028	77.45%	4.138%
3	6.392	6.332	6.462	BB	150789	1470302	87.32%	4.665%
4	6.848	6.799	6.884	BB	134252	1321327	78.47%	4.192%
5	7.493	7.439	7.557	BB	140806	1415527	84.07%	4.491%
6	8.685	8.624	8.742	BB	128024	1343455	79.79%	4.263%
7	10.300	10.247	10.354	BB	130902	1408614	83.66%	4.469%
8	11.749	11.642	11.802	BB	129971	1496127	88.85%	4.747%
9	12.075	12.014	12.127	BB	157783	1683791	100.00%	5.342%
10	13.064	13.029	13.119	BB	127073	1475555	87.63%	4.682%
11	13.512	13.455	13.564	BB	110048	1275820	75.77%	4.048%
12	13.678	13.640	13.734	BB	121902	1469033	87.25%	4.661%
13	14.266	14.232	14.327	BB	119744	1474035	87.54%	4.677%
14	15.373	15.337	15.429	BB	117960	1491136	88.56%	4.731%
15	16.397	16.332	16.444	BB	109997	1473454	87.51%	4.675%
16	17.349	17.292	17.410	BB	110557	1471739	87.41%	4.670%
17	18.239	18.180	18.302	BB	109085	1533792	91.09%	4.867%
18	19.073	19.012	19.139	BB	111079	1522069	90.40%	4.829%
19	19.859	19.800	19.919	BB	100910	1463167	86.90%	4.642%
20	20.600	20.550	20.654	BB	92570	1373755	81.59%	4.359%
21	21.377	21.330	21.455	BB	73527	1388003	82.43%	4.404%
22	22.361	22.300	22.450	BB	54391	1365028	81.07%	4.331%
Sum of corrected areas:							31517164	

Aliphatic EPH 082925.M Fri Aug 29 08:20:39 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055549.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 11:35
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 08:06:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:03:47 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.075	886867	5.413 ug/ml
Spiked Amount 50.000		Recovery =	10.83%
12) S 1-chlorooctadecane (S...	13.512	664532	5.319 ug/ml
Spiked Amount 50.000		Recovery =	10.64%
Target Compounds			
1) T n-Nonane (C9)	3.414	682963	5.398 ug/ml
2) T n-Decane (C10)	4.672	684967	5.369 ug/ml
3) T A~Naphthalene (C11.7)	6.393	756034	5.169 ug/ml
4) T n-Dodecane (C12)	6.848	694116	5.336 ug/ml
5) T A~2-methylnaphthalene...	7.493	725045	5.121 ug/ml
6) T n-Tetradecane (C14)	8.685	706684	5.386 ug/ml
7) T n-Hexadecane (C16)	10.300	740047	5.376 ug/ml
8) T n-Octadecane (C18)	11.747	784075	5.398 ug/mlm
10) T n-Eicosane (C20)	13.063	774768	5.409 ug/ml
11) T n-Heneicosane (C21)	13.678	763149	5.362 ug/ml
13) T n-Docosane (C22)	14.267	764471	5.357 ug/ml
14) T n-Tetracosane (C24)	15.372	780260	5.405 ug/ml
15) T n-Hexacosane (C26)	16.397	772166	5.420 ug/ml
16) T n-Octacosane (C28)	17.349	781247	5.527 ug/ml
17) T n-Tricontane (C30)	18.239	832675	5.676 ug/ml
18) T n-Dotriacontane (C32)	19.073	833273	5.706 ug/ml
19) T n-Tetratriacontane (C34)	19.859	790611	5.628 ug/ml
20) T n-Hexatriacontane (C36)	20.600	718429	5.484 ug/ml
21) T n-Octatriacontane (C38)	21.377	710550	5.596 ug/ml
22) T n-Tetracontane (C40)	22.366	716186	5.839 ug/ml

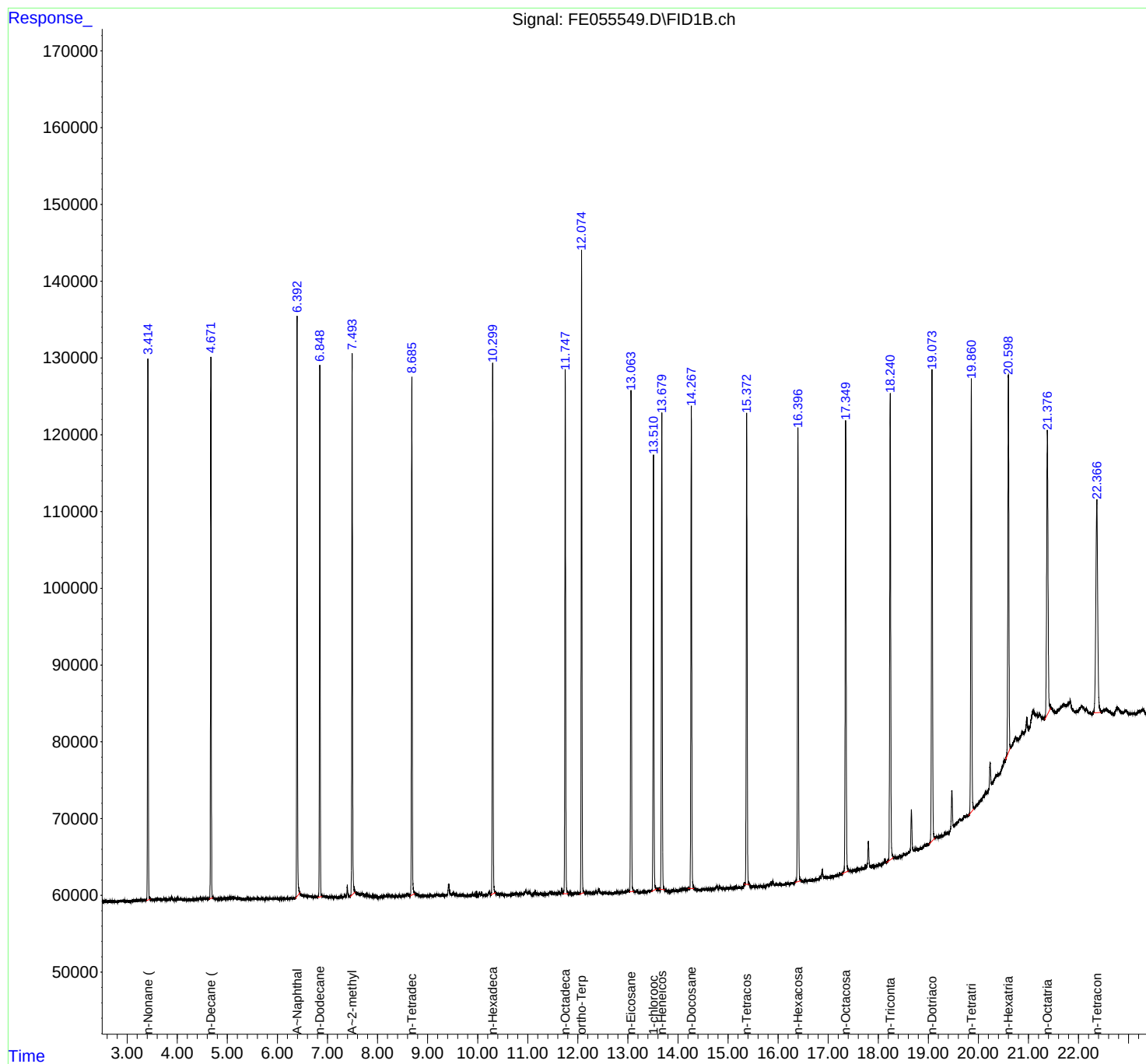
(f)=RT Delta > 1/2 Window

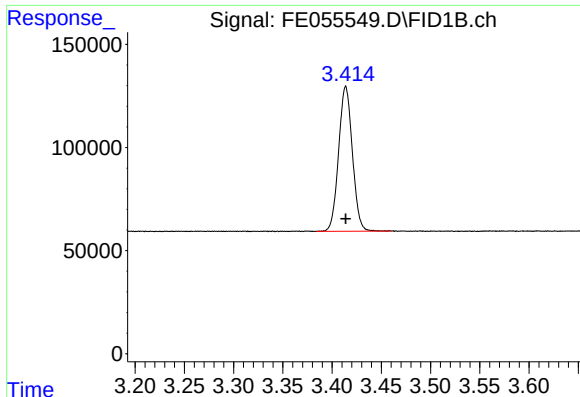
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
Data File : FE055549.D
Signal(s) : FID1B.ch
Acq On : 28 Aug 2025 11:35
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 29 08:06:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:03:47 2025
Response via : Initial Calibration
Integrator: ChemStation

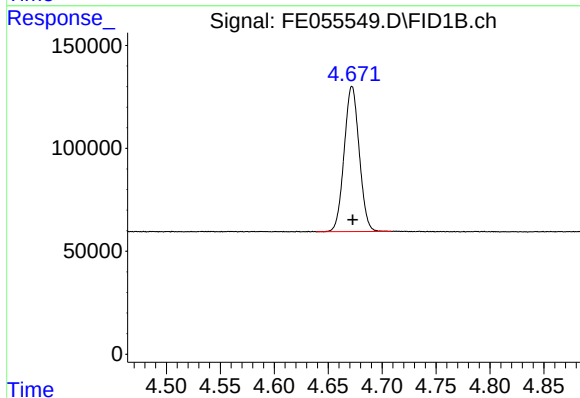
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





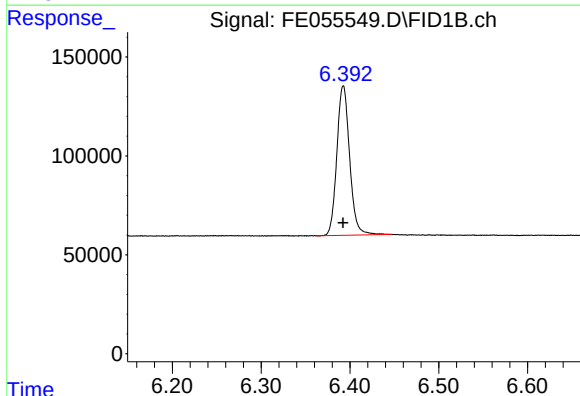
#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 682963
Conc: 5.40 ug/ml



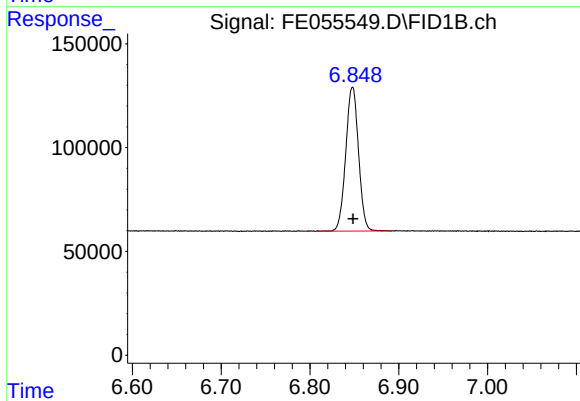
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 684967
Conc: 5.37 ug/ml



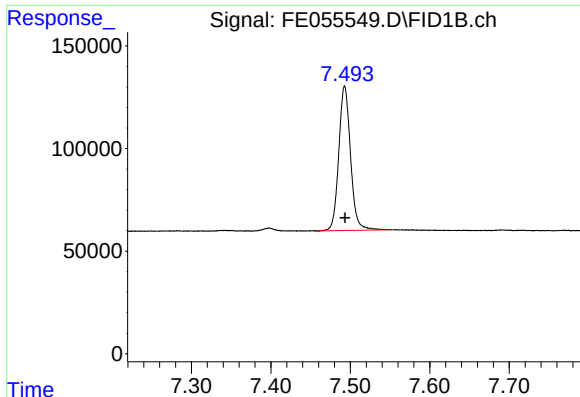
#3 A~Naphthalene (C11.7)

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 756034
Conc: 5.17 ug/ml



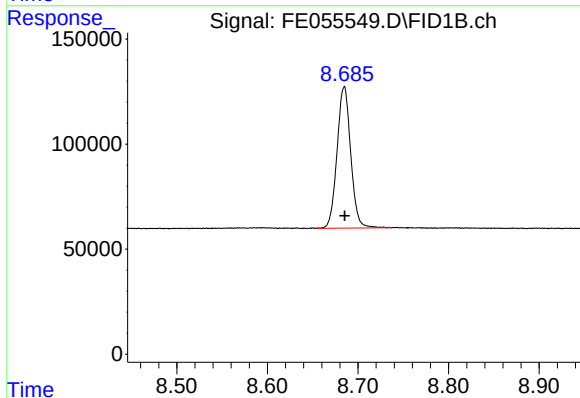
#4 n-Dodecane (C12)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 694116
Conc: 5.34 ug/ml



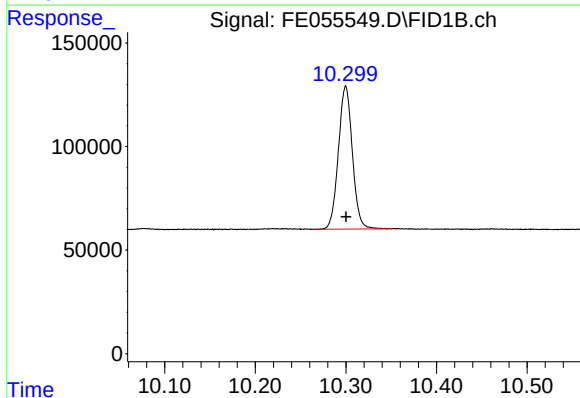
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 725045
Conc: 5.12 ug/ml



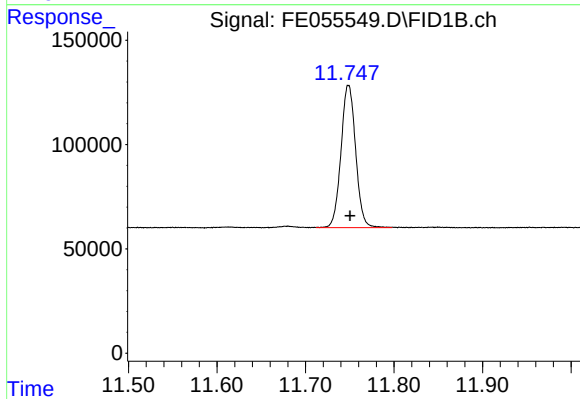
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 706684
Conc: 5.39 ug/ml



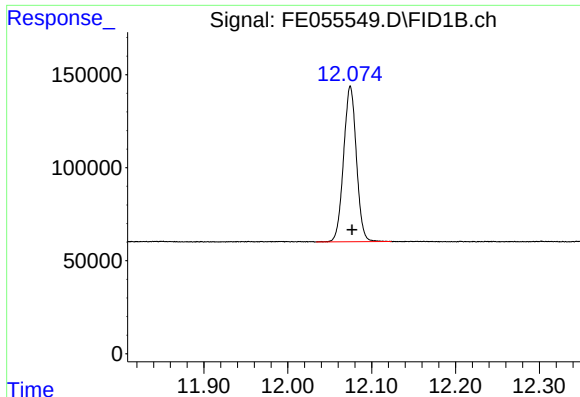
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: 0.000 min
Response: 740047
Conc: 5.38 ug/ml



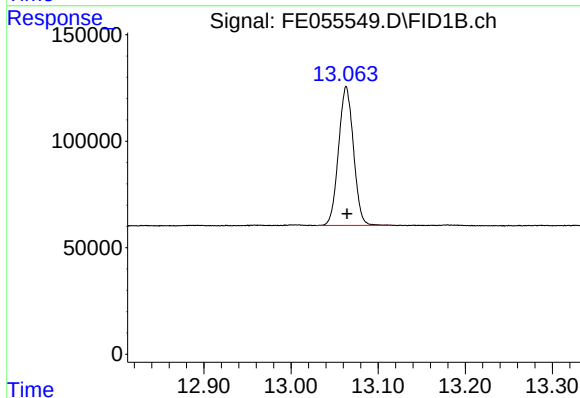
#8 n-Octadecane (C18)

R.T.: 11.747 min
Delta R.T.: -0.003 min
Response: 784075
Conc: 5.40 ug/ml m



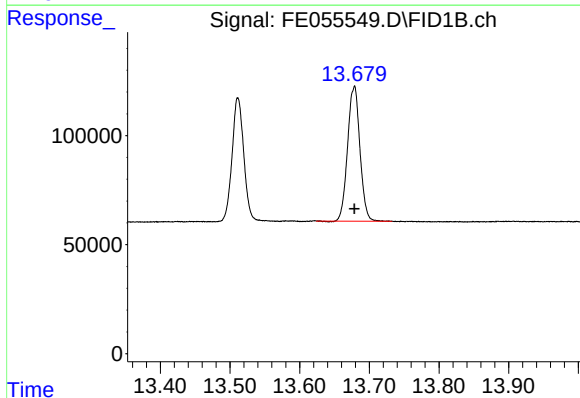
#9 ortho-Terphenyl (SURR)

R.T.: 12.075 min
Delta R.T.: -0.002 min
Response: 886867
Conc: 5.41 ug/ml



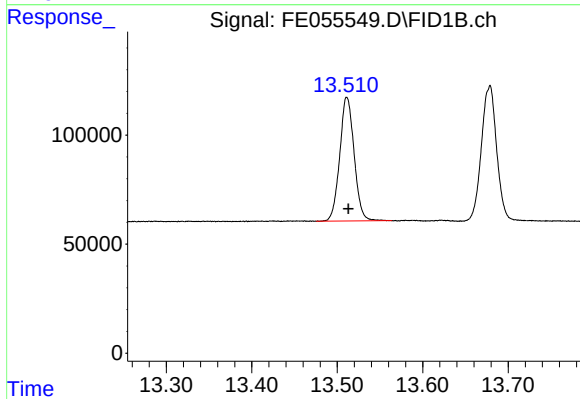
#10 n-Eicosane (C20)

R.T.: 13.063 min
Delta R.T.: 0.000 min
Response: 774768
Conc: 5.41 ug/ml



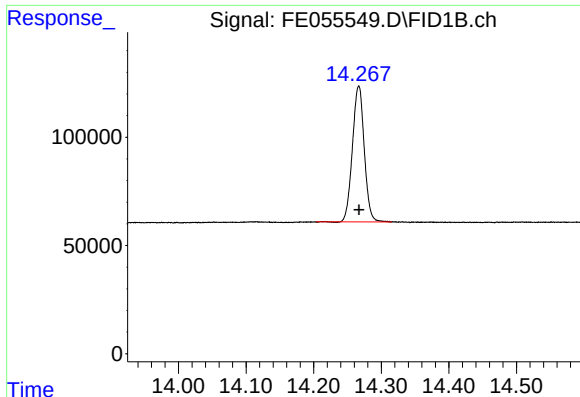
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: 0.000 min
Response: 763149
Conc: 5.36 ug/ml



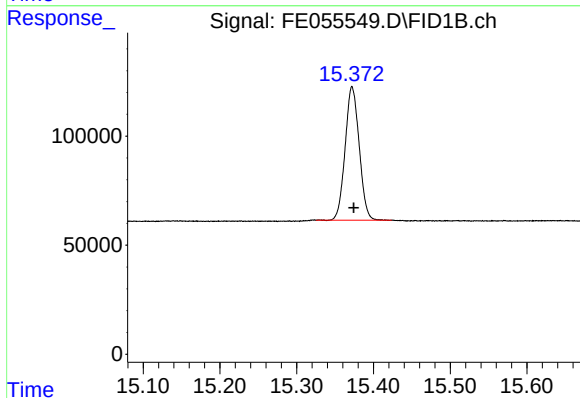
#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: -0.001 min
Response: 664532
Conc: 5.32 ug/ml



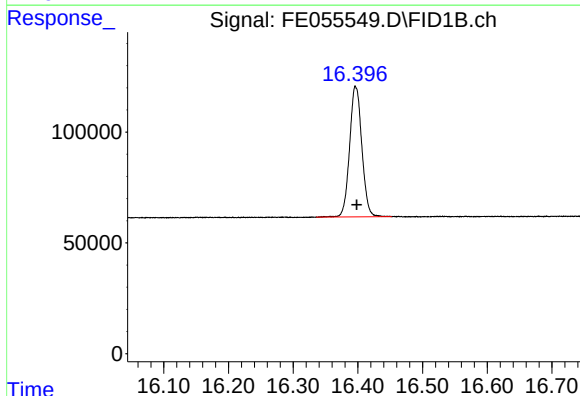
#13 n-Docosane (C22)

R.T.: 14.267 min
Delta R.T.: 0.000 min
Response: 764471
Conc: 5.36 ug/ml



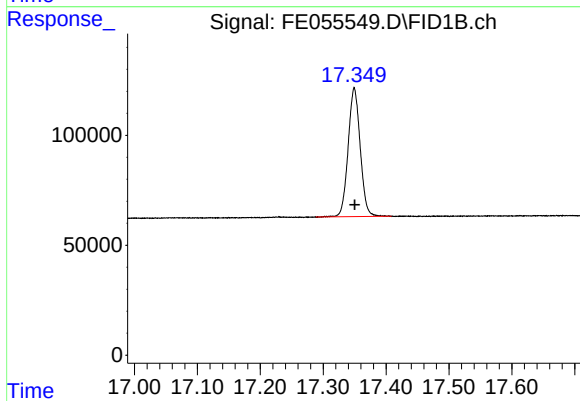
#14 n-Tetracosane (C24)

R.T.: 15.372 min
Delta R.T.: -0.002 min
Response: 780260
Conc: 5.40 ug/ml



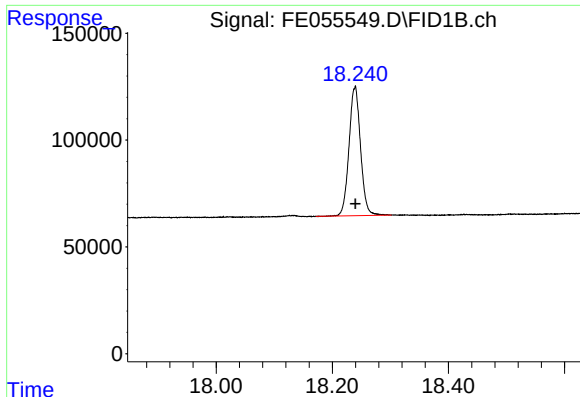
#15 n-Hexacosane (C26)

R.T.: 16.397 min
Delta R.T.: -0.002 min
Response: 772166
Conc: 5.42 ug/ml



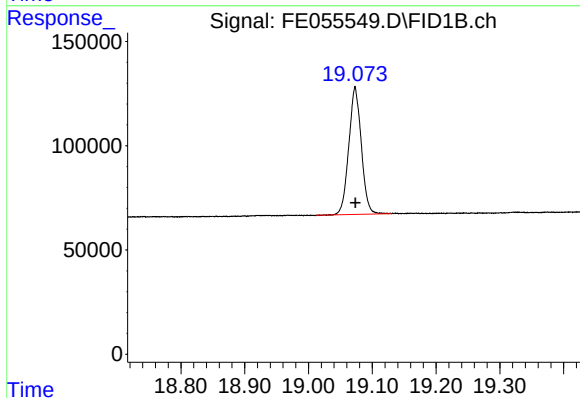
#16 n-Octacosane (C28)

R.T.: 17.349 min
Delta R.T.: 0.000 min
Response: 781247
Conc: 5.53 ug/ml



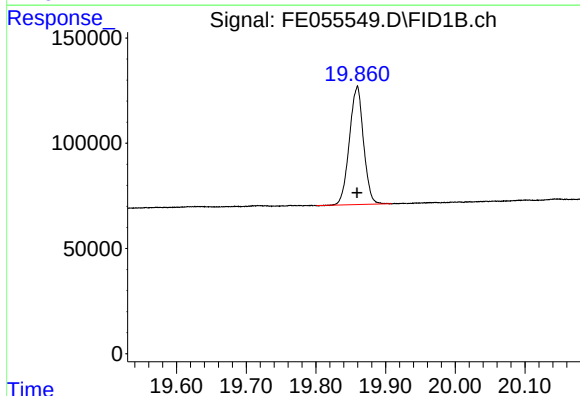
#17 n-Tricontane (C30)

R.T.: 18.239 min
Delta R.T.: 0.000 min
Response: 832675
Conc: 5.68 ug/ml



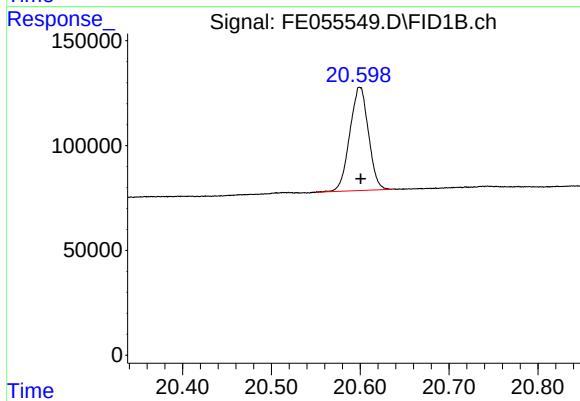
#18 n-Dotriacontane (C32)

R.T.: 19.073 min
Delta R.T.: 0.000 min
Response: 833273
Conc: 5.71 ug/ml



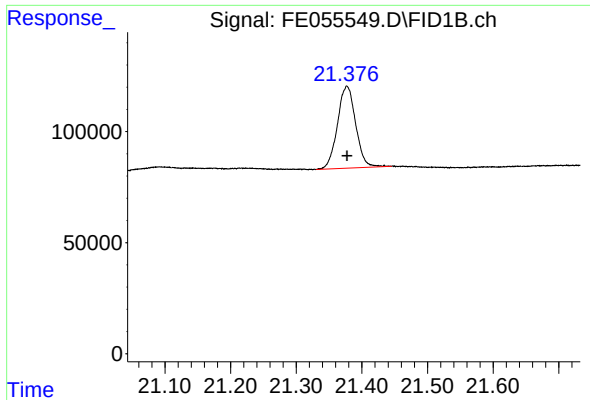
#19 n-Tetratriacontane (C34)

R.T.: 19.859 min
Delta R.T.: 0.000 min
Response: 790611
Conc: 5.63 ug/ml



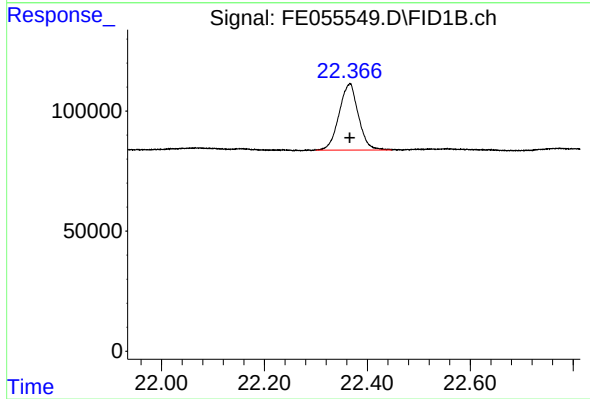
#20 n-Hexatriacontane (C36)

R.T.: 20.600 min
Delta R.T.: 0.000 min
Response: 718429
Conc: 5.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.377 min
Delta R.T.: 0.000 min
Response: 710550
Conc: 5.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.366 min
Delta R.T.: 0.000 min
Response: 716186
Conc: 5.84 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055549.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 11:35
 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 082925.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	3.414	3.384	3.460	BB	70259	682963	77.01%	4.122%
2	4.672	4.639	4.709	BB	70608	684967	77.23%	4.134%
3	6.393	6.362	6.447	BB	75611	756034	85.25%	4.563%
4	6.848	6.807	6.892	BB	69651	694116	78.27%	4.190%
5	7.493	7.457	7.552	BB	70352	725045	81.75%	4.376%
6	8.685	8.654	8.737	BB	67688	706684	79.68%	4.266%
7	10.300	10.267	10.350	BB	69252	740047	83.45%	4.467%
8	11.749	11.650	11.795	BB	68020	788112	88.86%	4.757%
9	12.075	12.034	12.124	BB	83581	886867	100.00%	5.353%
10	13.063	13.029	13.115	BB	65247	774768	87.36%	4.677%
11	13.512	13.475	13.564	BB	56510	664532	74.93%	4.011%
12	13.678	13.624	13.732	BB	62212	763149	86.05%	4.606%
13	14.267	14.204	14.315	BB	62912	764471	86.20%	4.614%
14	15.372	15.325	15.424	BB	61236	780260	87.98%	4.710%
15	16.397	16.335	16.452	BB	58389	772166	87.07%	4.661%
16	17.349	17.289	17.409	BB	58577	781247	88.09%	4.716%
17	18.239	18.172	18.302	BB	59961	832675	93.89%	5.026%
18	19.073	19.012	19.130	BB	61228	833273	93.96%	5.030%
19	19.859	19.800	19.909	BB	55777	790611	89.15%	4.772%
20	20.600	20.550	20.635	BB	49396	718429	81.01%	4.336%
21	21.377	21.330	21.445	BB	37049	710550	80.12%	4.289%
22	22.366	22.300	22.447	BB	27611	716186	80.75%	4.323%
Sum of corrected areas:							16567149	

Aliphatic EPH 082925.M Fri Aug 29 08:20:52 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055550.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 12:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 08:12:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.076	3229983	19.661 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
12) S 1-chlorooctadecane (S...	13.513	2465273	19.715 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T n-Nonane (C9)	3.414	2507578	19.760 ug/ml
2) T n-Decane (C10)	4.672	2532591	19.771 ug/ml
3) T A~Naphthalene (C11.7)	6.392	2890578	19.895 ug/ml
4) T n-Dodecane (C12)	6.848	2567645	19.719 ug/ml
5) T A~2-methylnaphthalene...	7.493	2786377	19.811 ug/ml
6) T n-Tetradecane (C14)	8.685	2590138	19.668 ug/ml
7) T n-Hexadecane (C16)	10.300	2724449	19.672 ug/ml
8) T n-Octadecane (C18)	11.750	2861977	19.621 ug/ml
10) T n-Eicosane (C20)	13.065	2831312	19.669 ug/ml
11) T n-Heneicosane (C21)	13.679	2814220	19.701 ug/ml
13) T n-Docosane (C22)	14.267	2821284	19.709 ug/ml
14) T n-Tetracosane (C24)	15.374	2844427	19.658 ug/ml
15) T n-Hexacosane (C26)	16.398	2808359	19.658 ug/ml
16) T n-Octacosane (C28)	17.350	2785687	19.585 ug/ml
17) T n-Tricontane (C30)	18.239	2862102	19.362 ug/ml
18) T n-Dotriacontane (C32)	19.074	2802761	19.096 ug/ml
19) T n-Tetratriacontane (C34)	19.859	2710350	19.184 ug/ml
20) T n-Hexatriacontane (C36)	20.600	2544869	19.286 ug/ml
21) T n-Octatriacontane (C38)	21.378	2554442	19.613 ug/ml
22) T n-Tetracontane (C40)	22.365	2529947	19.728 ug/ml

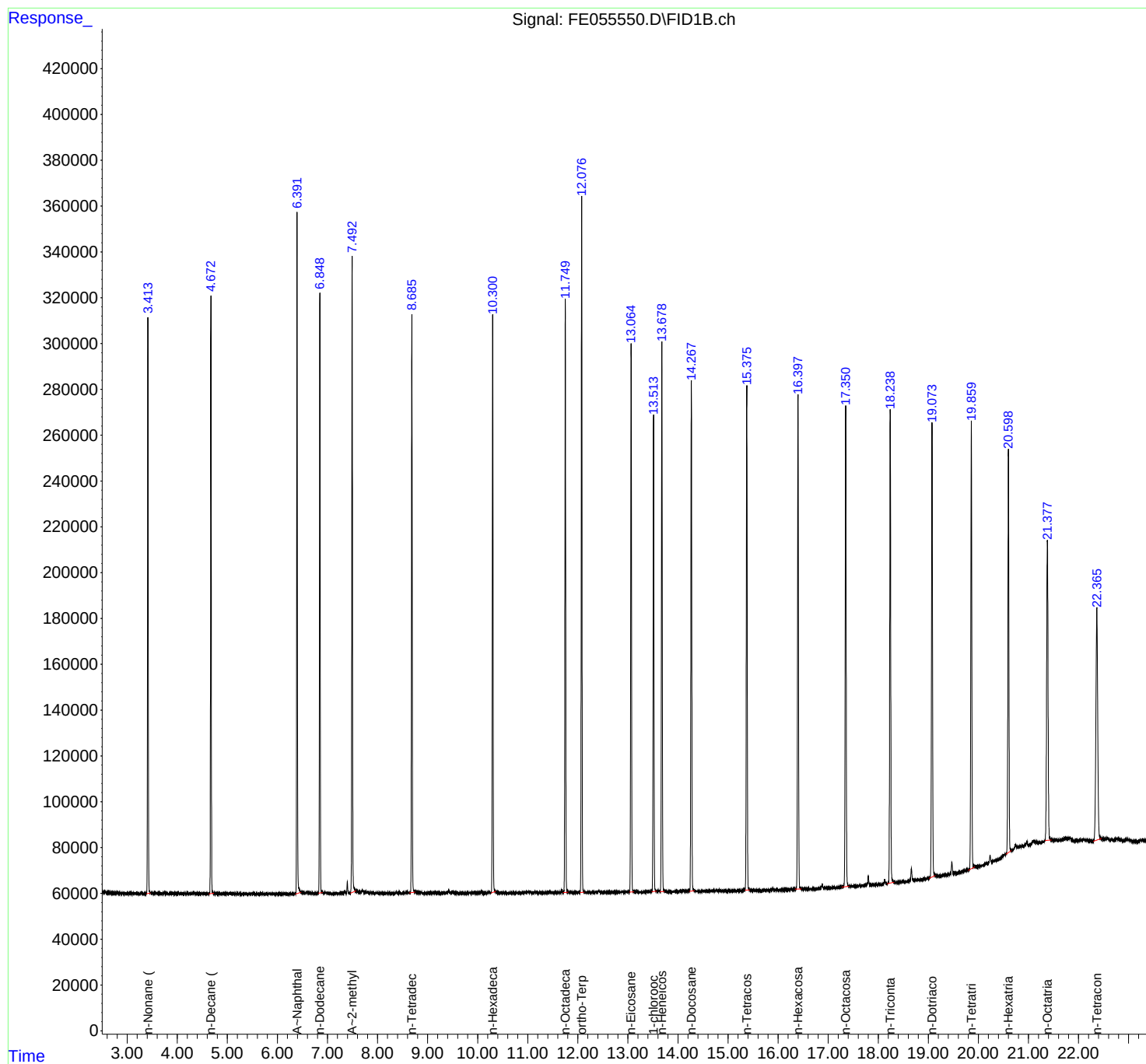
(f)=RT Delta > 1/2 Window

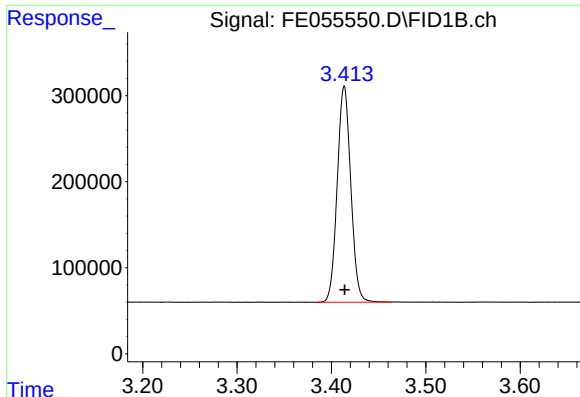
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
Data File : FE055550.D
Signal(s) : FID1B.ch
Acq On : 28 Aug 2025 12:05
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 29 08:12:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 2025
Response via : Initial Calibration
Integrator: ChemStation

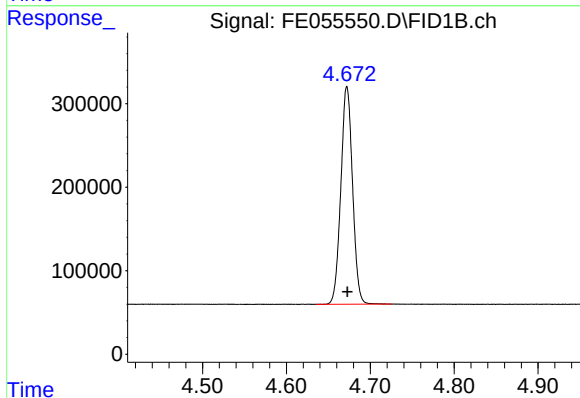
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





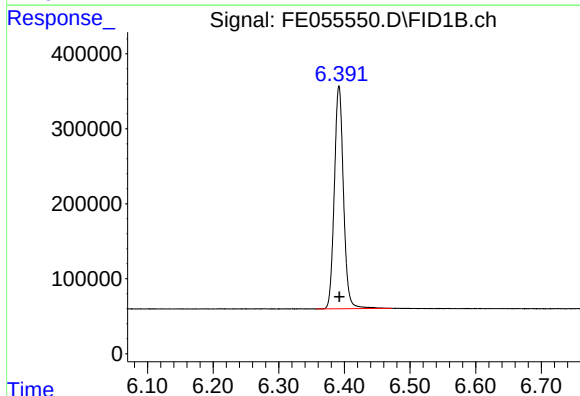
#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 2507578
Conc: 19.76 ug/ml



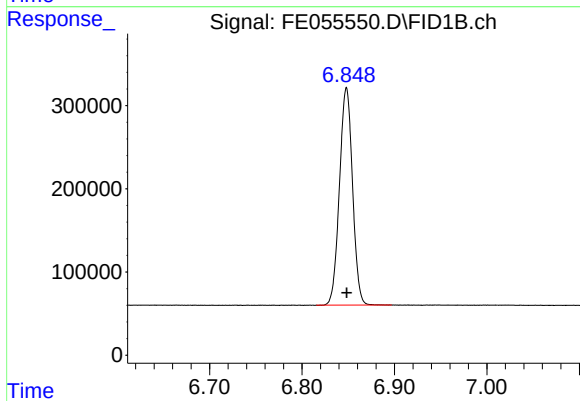
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 2532591
Conc: 19.77 ug/ml



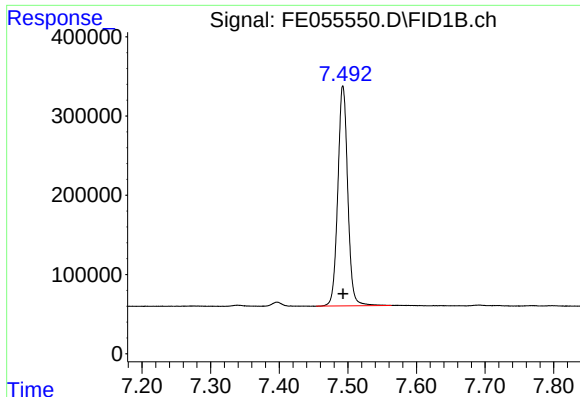
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 2890578
Conc: 19.90 ug/ml



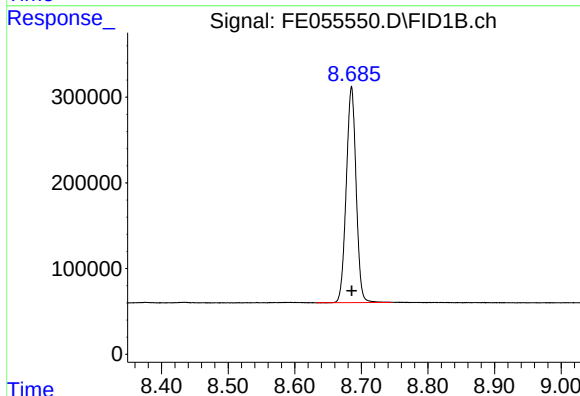
#4 n-Dodecane (C12)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 2567645
Conc: 19.72 ug/ml



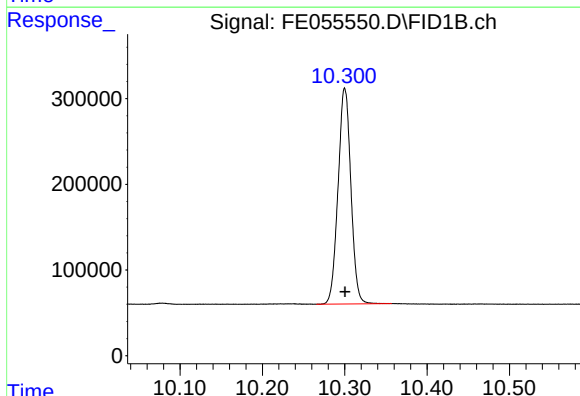
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 2786377
Conc: 19.81 ug/ml



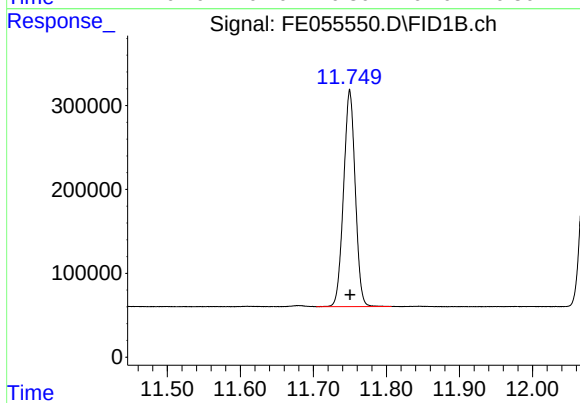
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 2590138
Conc: 19.67 ug/ml



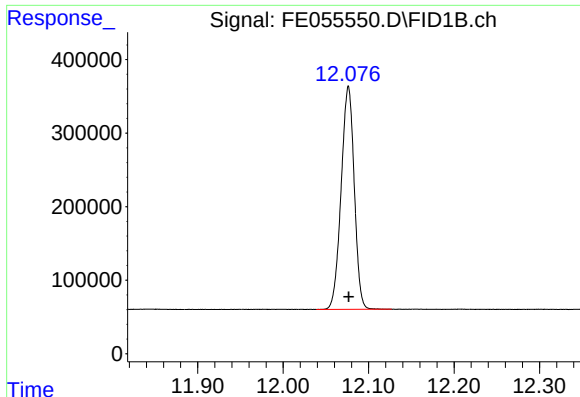
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: 0.000 min
Response: 2724449
Conc: 19.67 ug/ml



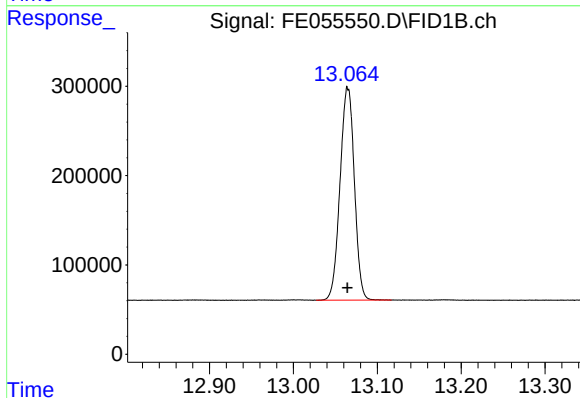
#8 n-Octadecane (C18)

R.T.: 11.750 min
Delta R.T.: 0.000 min
Response: 2861977
Conc: 19.62 ug/ml



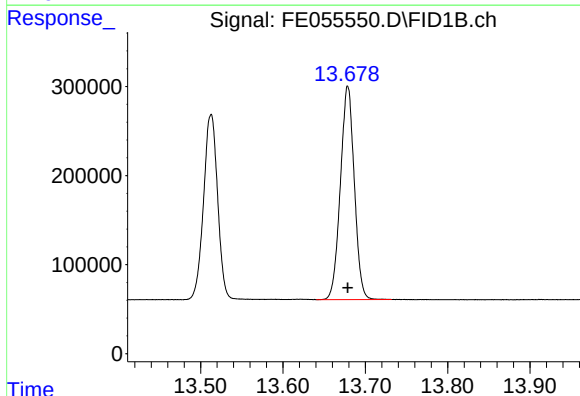
#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.000 min
Response: 3229983
Conc: 19.66 ug/ml



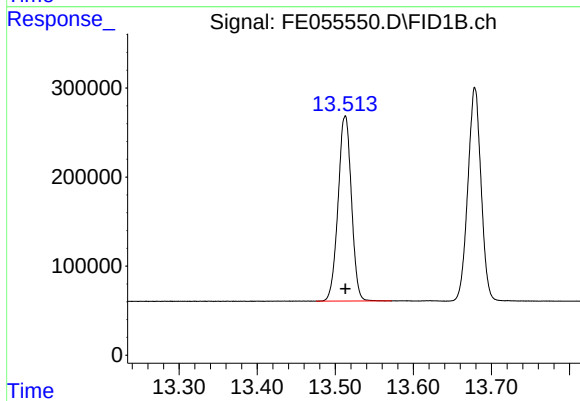
#10 n-Eicosane (C20)

R.T.: 13.065 min
Delta R.T.: 0.000 min
Response: 2831312
Conc: 19.67 ug/ml



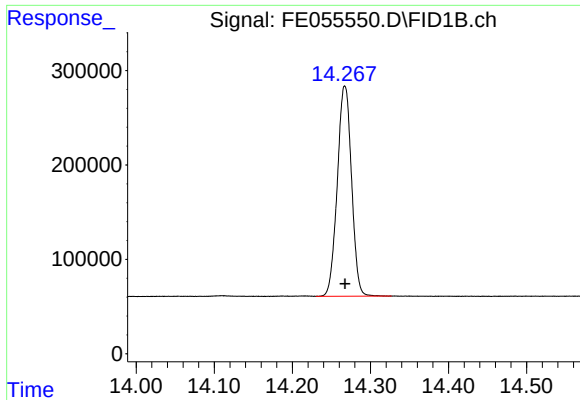
#11 n-Heneicosane (C21)

R.T.: 13.679 min
Delta R.T.: 0.000 min
Response: 2814220
Conc: 19.70 ug/ml



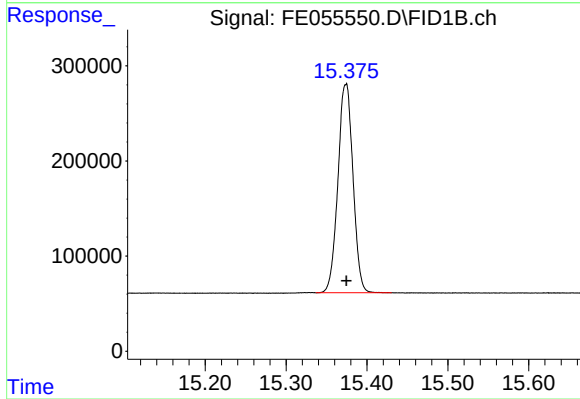
#12 1-chlorooctadecane (SURR)

R.T.: 13.513 min
Delta R.T.: 0.000 min
Response: 2465273
Conc: 19.72 ug/ml



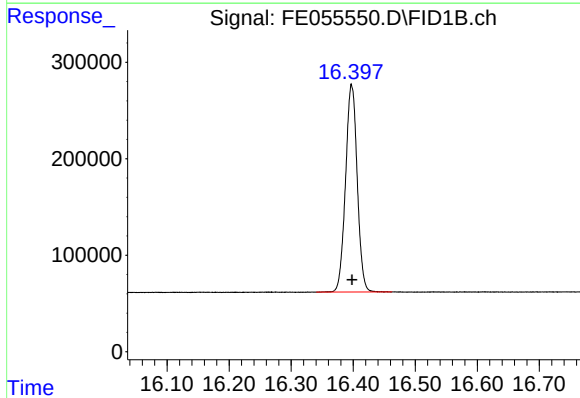
#13 n-Docosane (C22)

R.T.: 14.267 min
Delta R.T.: 0.000 min
Response: 2821284
Conc: 19.71 ug/ml



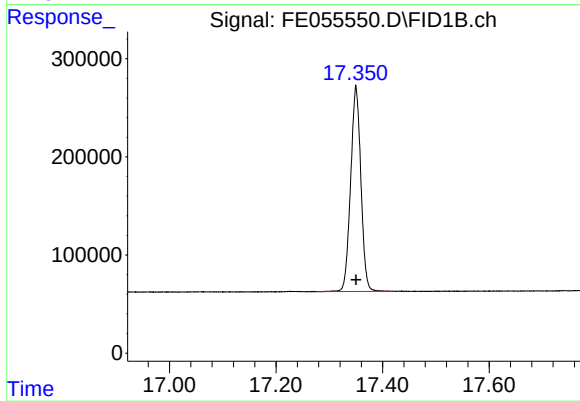
#14 n-Tetracosane (C24)

R.T.: 15.374 min
Delta R.T.: 0.000 min
Response: 2844427
Conc: 19.66 ug/ml



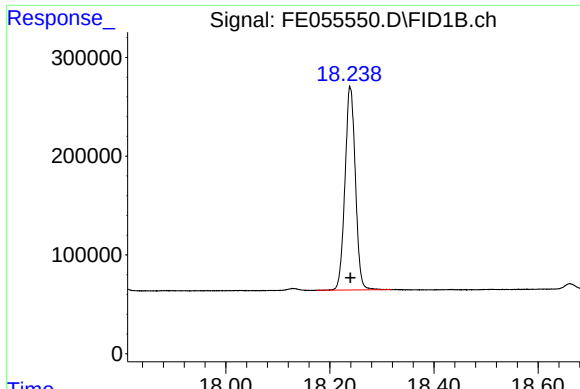
#15 n-Hexacosane (C26)

R.T.: 16.398 min
Delta R.T.: 0.000 min
Response: 2808359
Conc: 19.66 ug/ml



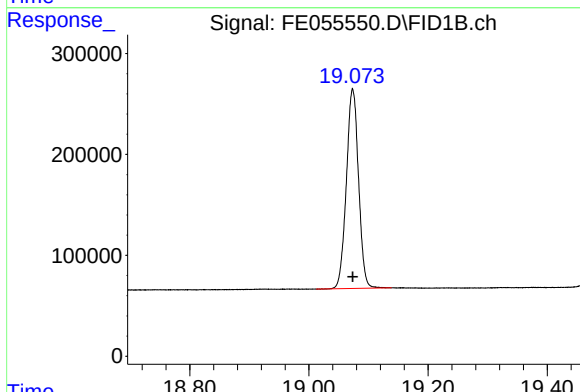
#16 n-Octacosane (C28)

R.T.: 17.350 min
Delta R.T.: 0.000 min
Response: 2785687
Conc: 19.58 ug/ml



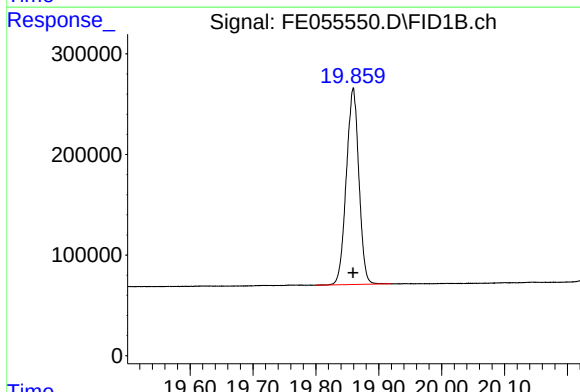
#17 n-Tricontane (C30)

R.T.: 18.239 min
Delta R.T.: 0.000 min
Response: 2862102
Conc: 19.36 ug/ml



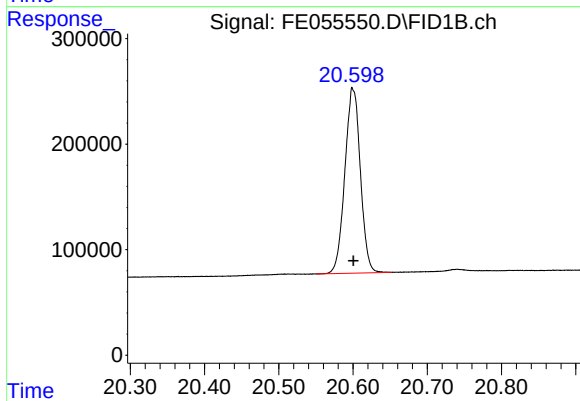
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: 0.000 min
Response: 2802761
Conc: 19.10 ug/ml



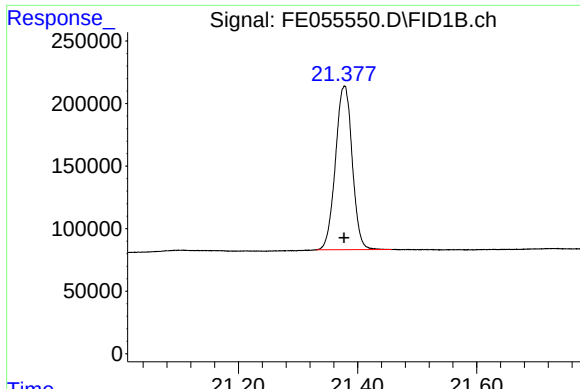
#19 n-Tetratriacontane (C34)

R.T.: 19.859 min
Delta R.T.: 0.000 min
Response: 2710350
Conc: 19.18 ug/ml



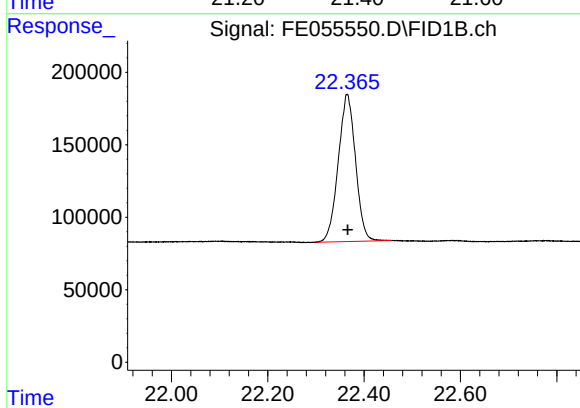
#20 n-Hexatriacontane (C36)

R.T.: 20.600 min
Delta R.T.: 0.000 min
Response: 2544869
Conc: 19.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: 0.000 min
Response: 2554442
Conc: 19.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.365 min
Delta R.T.: 0.000 min
Response: 2529947
Conc: 19.73 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055550.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 12:05
 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 082925.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	3.414	3.384	3.464	BB	251357	2507578	77.63%	4.175%
2	4.672	4.635	4.725	BB	260573	2532591	78.41%	4.216%
3	6.392	6.357	6.472	BB	297481	2890578	89.49%	4.812%
4	6.848	6.815	6.897	BB	262238	2567645	79.49%	4.275%
5	7.493	7.454	7.564	BB	277244	2786377	86.27%	4.639%
6	8.685	8.632	8.745	BB	252357	2590138	80.19%	4.312%
7	10.300	10.265	10.357	BB	251404	2724449	84.35%	4.536%
8	11.750	11.704	11.807	BB	257841	2861977	88.61%	4.765%
9	12.076	12.039	12.127	BB	304411	3229983	100.00%	5.377%
10	13.065	13.027	13.117	BB	236143	2831312	87.66%	4.714%
11	13.513	13.475	13.572	BB	207421	2465273	76.32%	4.104%
12	13.679	13.640	13.732	BB	240042	2814220	87.13%	4.685%
13	14.267	14.230	14.327	BB	222895	2821284	87.35%	4.697%
14	15.374	15.337	15.430	BB	219174	2844427	88.06%	4.735%
15	16.398	16.340	16.462	BB	215209	2808359	86.95%	4.675%
16	17.350	17.275	17.417	BB	208676	2785687	86.24%	4.638%
17	18.239	18.174	18.319	BB	205539	2862102	88.61%	4.765%
18	19.074	19.012	19.139	BB	197740	2802761	86.77%	4.666%
19	19.859	19.800	19.920	BB	194612	2710350	83.91%	4.512%
20	20.600	20.550	20.652	BB	173023	2544869	78.79%	4.237%
21	21.378	21.330	21.457	BB	130696	2554442	79.09%	4.253%
22	22.365	22.300	22.457	BB	101395	2529947	78.33%	4.212%
Sum of corrected areas:							60066348	

Aliphatic EPH 082925.M Fri Aug 29 08:21:09 2025

Initial Calibration Report for SequenceID : FF082825AL

AreaCount

Parameter Range	FF016262.D	FF016263.D	FF016264.D	FF016265.D	FF016266.D	
Aliphatic C9-C12	33315935.000	17589839.000	7059327.000	3603788.000	1893391.000	
Aliphatic C12-C16	23002718.000	12189380.000	4867787.000	2485284.000	1306020.000	
Aliphatic C16-C21	35775321.000	18961268.000	7656964.000	3909416.000	2055389.000	
Aliphatic C21-C28	46828519.000	24572921.000	10042913.000	5130806.000	2685424.000	
Aliphatic C28-C40	55399589.000	28861849.000	12257592.000	6368488.000	3346626.000	
Aliphatic EPH	194322082.000	102175257.000	41884583.000	21497782.000	11286850.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	118465.2986662	4.624				
Aliphatic C12-C16	122693.653	4.568				
Aliphatic C16-C21	128123.0779996	5.028				
Aliphatic C21-C28	125602.733	5.075				
Aliphatic C28-C40	101676.2156664	7.538				
Aliphatic EPH	116534.4812218	5.591				

Concentration

Parameter Range	FF016262.D	FF016263.D	FF016264.D	FF016265.D	FF016266.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	FF016262.D	FF016263.D	FF016264.D	FF016265.D	FF016266.D	
Aliphatic C9-C12	111053.116666	117265.593333	117655.450000	120126.266666	126226.066666	
Aliphatic C12-C16	115013.590000	121893.800000	121694.675000	124264.200000	130602.000000	
Aliphatic C16-C21	119251.070000	126408.453333	127616.066666	130313.866666	137025.933333	

Initial Calibration Report for SequenceID : FF082825AL

Aliphatic C21-C28	117071.297500	122864.605000	125536.412500	128270.150000	134271.200000	
Aliphatic C28-C40	92332.648333	96206.163333	102146.600000	106141.466666	111554.200000	
Aliphatic EPH	107956.712222	113528.063333	116346.063888	119432.122222	125409.444444	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
 Data File : FF016262.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 14:28
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 29 03:21:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 03:19:37 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)	11.989	13477083	93.938 ug/ml
Spiked Amount 50.000		Recovery =	187.88%
12) S 1-chlorooctadecane (S...	13.427	10451306	94.038 ug/ml
Spiked Amount 50.000		Recovery =	188.08%
Target Compounds			
1) T n-Nonane (C9)	3.338	10921774	94.200 ug/ml
2) T n-Decane (C10)	4.600	11126596	94.422 ug/ml
3) T A~Naphthalene (C11.7)	6.310	12278737	94.524 ug/ml
4) T n-Dodecane (C12)	6.778	11267565	94.539 ug/ml
5) T A~2-methylnaphthalene...	7.412	12035023	95.113 ug/ml
6) T n-Tetradecane (C14)	8.612	11284902	94.454 ug/ml
7) T n-Hexadecane (C16)	10.222	11717816	94.564 ug/ml
8) T n-Octadecane (C18)	11.670	12096242	93.779 ug/ml
10) T n-Eicosane (C20)	12.981	11880156	93.258 ug/ml
11) T n-Heneicosane (C21)	13.595	11798923	93.293 ug/ml
13) T n-Docosane (C22)	14.183	11837734	93.466 ug/ml
14) T n-Tetracosane (C24)	15.288	11916363	93.334 ug/ml
15) T n-Hexacosane (C26)	16.313	11701528	93.651 ug/ml
16) T n-Octacosane (C28)	17.264	11372894	92.560 ug/ml
17) T n-Tricontane (C30)	18.155	11332018	90.479 ug/ml
18) T n-Dotriacontane (C32)	18.990	10713768	88.328 ug/ml
19) T n-Tetratriacontane (C34)	19.776	9764280	88.887 ug/ml
20) T n-Hexatriacontane (C36)	20.517	8490934	90.374 ug/ml
21) T n-Octatriacontane (C38)	21.278	7745351	92.097 ug/ml
22) T n-Tetracontane (C40)	22.230	7353238	93.746 ug/ml

(f)=RT Delta > 1/2 Window

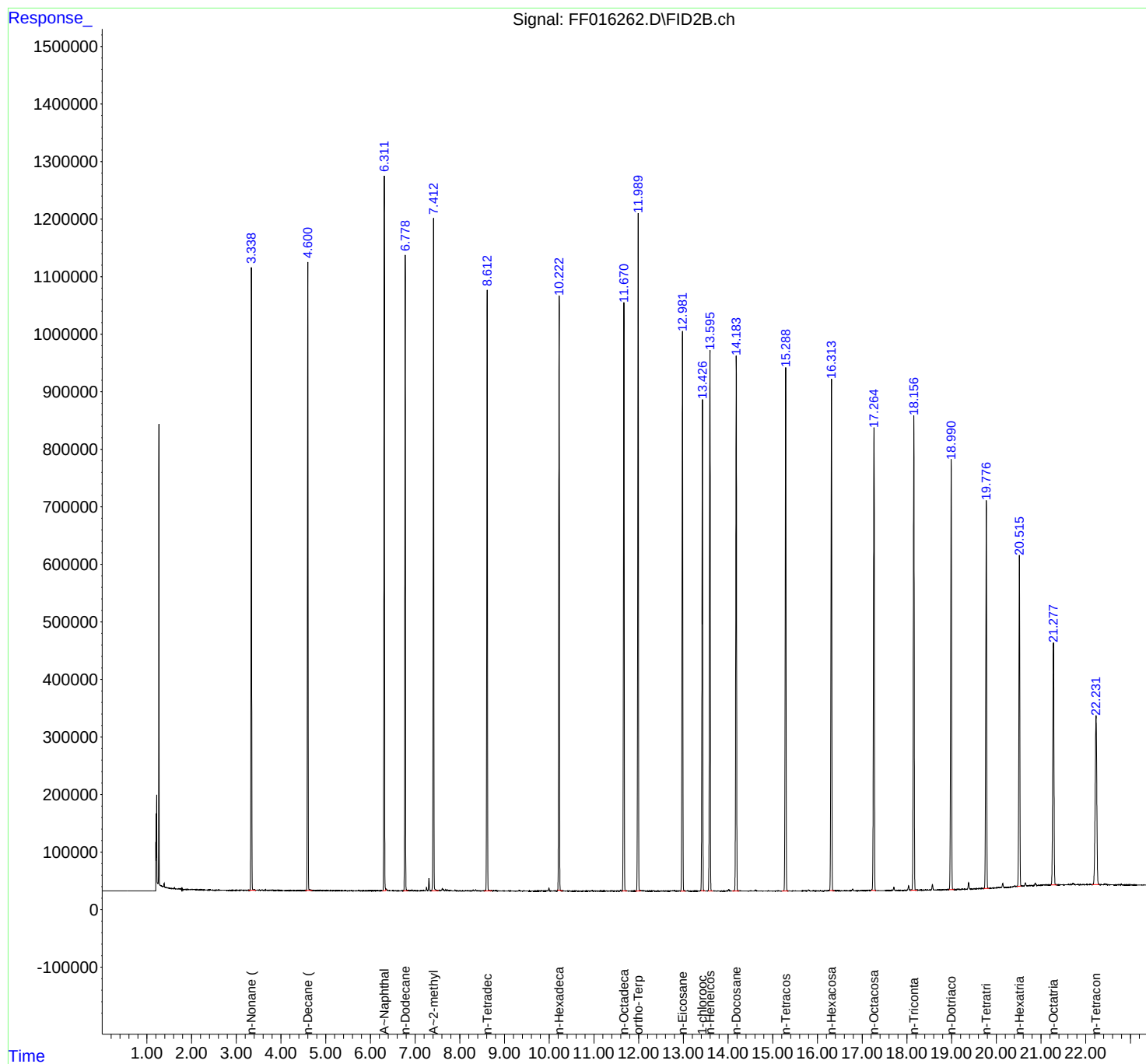
(m)=manual int.

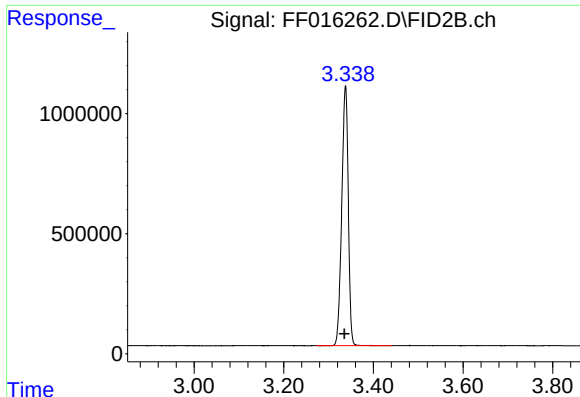
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
Data File : FF016262.D
Signal(s) : FID2B.ch
Acq On : 28 Aug 2025 14:28
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Aug 29 03:21:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 03:19:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

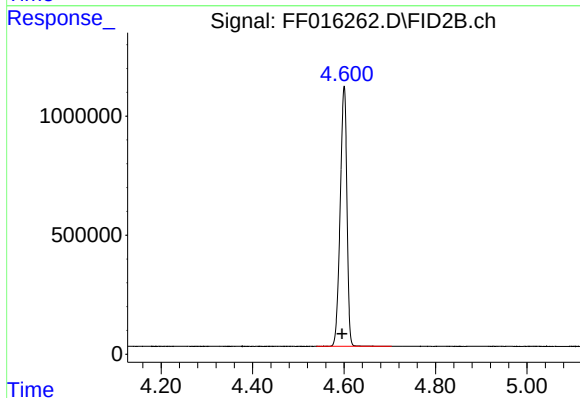




#1 n-Nonane (C9)

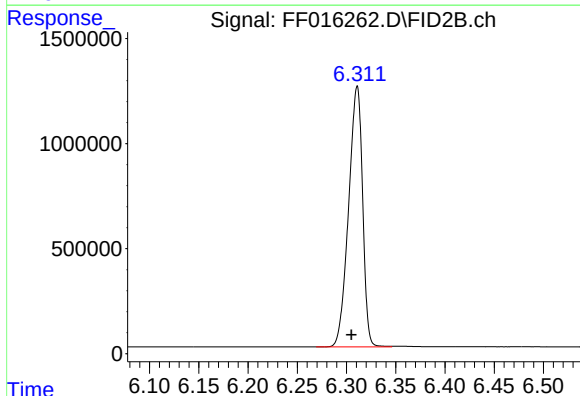
R.T.: 3.338 min
Delta R.T.: 0.003 min
Response: 10921774
Conc: 94.20 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



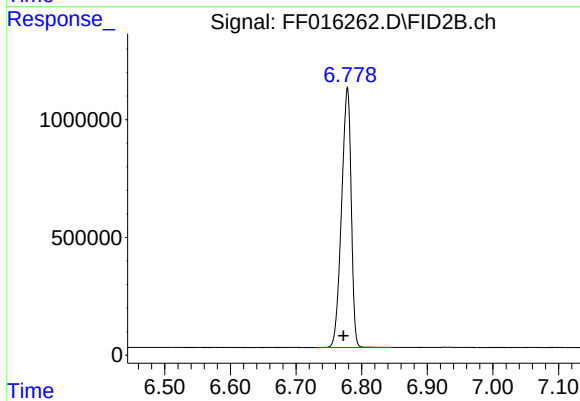
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: 0.004 min
Response: 11126596
Conc: 94.42 ug/ml



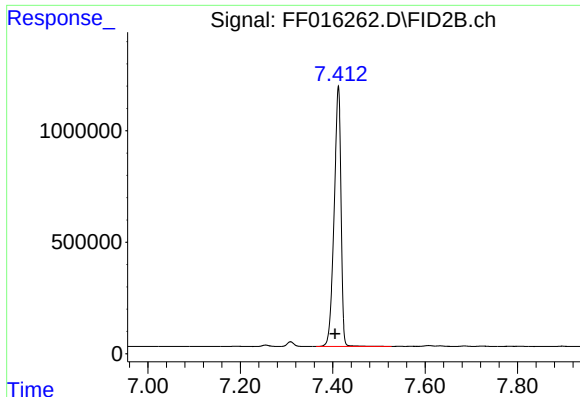
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: 0.006 min
Response: 12278737
Conc: 94.52 ug/ml



#4 n-Dodecane (C12)

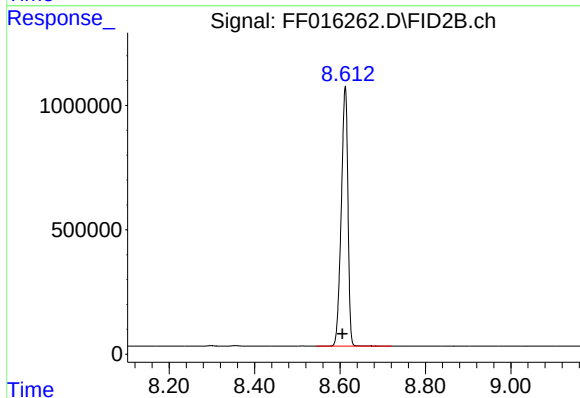
R.T.: 6.778 min
Delta R.T.: 0.006 min
Response: 11267565
Conc: 94.54 ug/ml



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

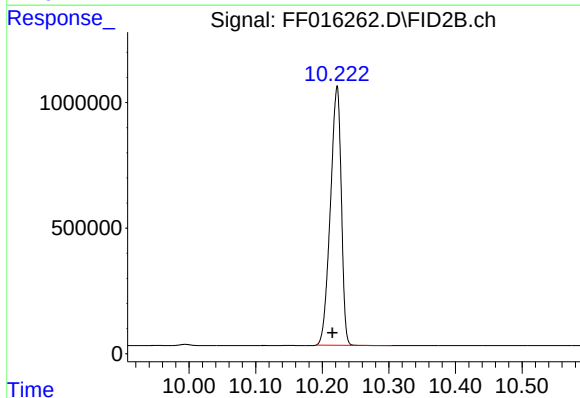
R.T.: 7.412 min
Delta R.T.: 0.007 min
Response: 12035023
Conc: 95.11 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



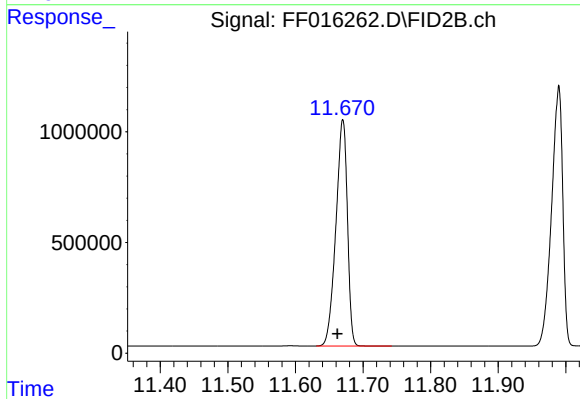
#6 n-Tetradecane (C14)

R.T.: 8.612 min
Delta R.T.: 0.006 min
Response: 11284902
Conc: 94.45 ug/ml



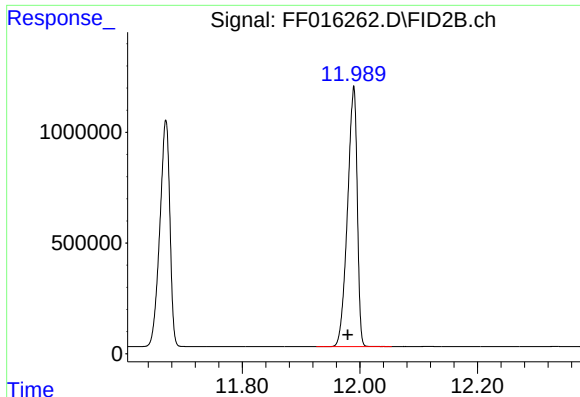
#7 n-Hexadecane (C16)

R.T.: 10.222 min
Delta R.T.: 0.007 min
Response: 11717816
Conc: 94.56 ug/ml



#8 n-Octadecane (C18)

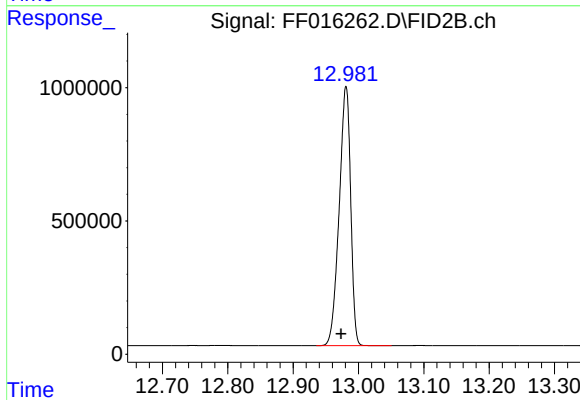
R.T.: 11.670 min
Delta R.T.: 0.008 min
Response: 12096242
Conc: 93.78 ug/ml



#9 ortho-Terphenyl (SURR)

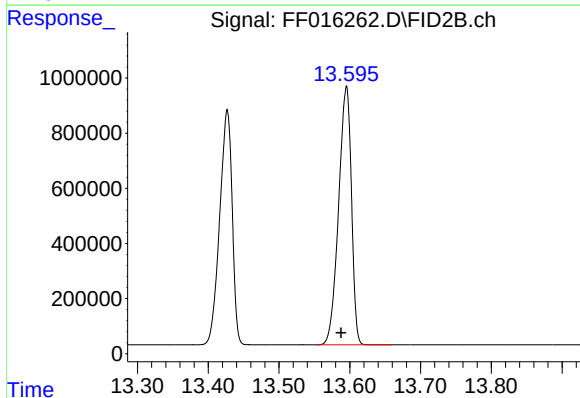
R.T.: 11.989 min
Delta R.T.: 0.009 min
Response: 13477083
Conc: 93.94 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



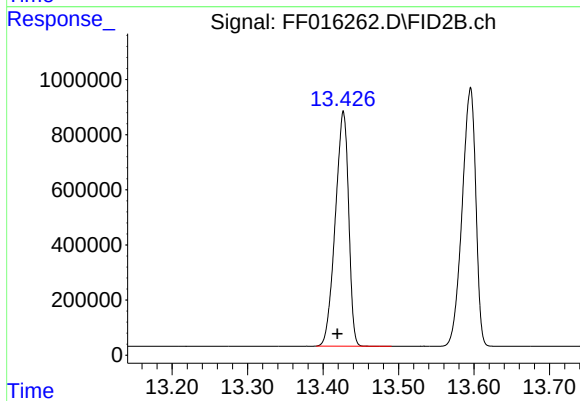
#10 n-Eicosane (C20)

R.T.: 12.981 min
Delta R.T.: 0.007 min
Response: 11880156
Conc: 93.26 ug/ml



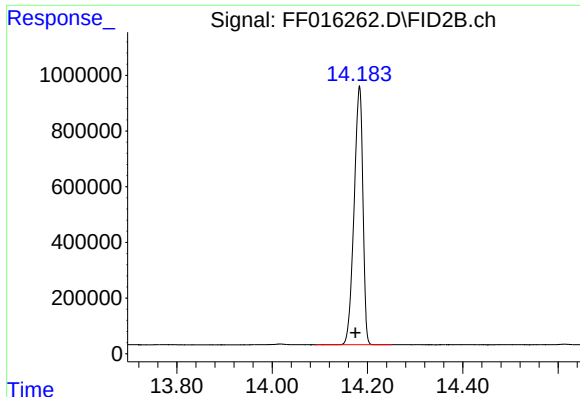
#11 n-Heneicosane (C21)

R.T.: 13.595 min
Delta R.T.: 0.008 min
Response: 11798923
Conc: 93.29 ug/ml



#12 1-chlorooctadecane (SURR)

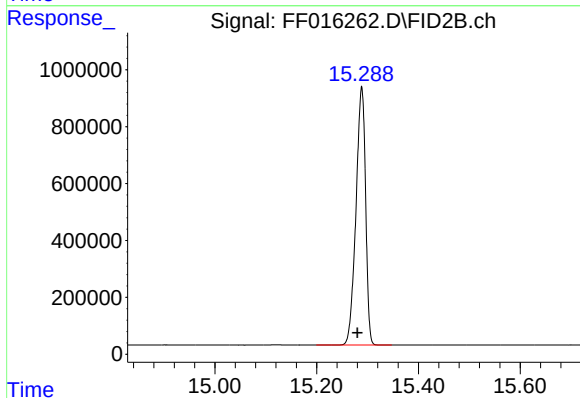
R.T.: 13.427 min
Delta R.T.: 0.008 min
Response: 10451306
Conc: 94.04 ug/ml



#13 n-Docosane (C22)

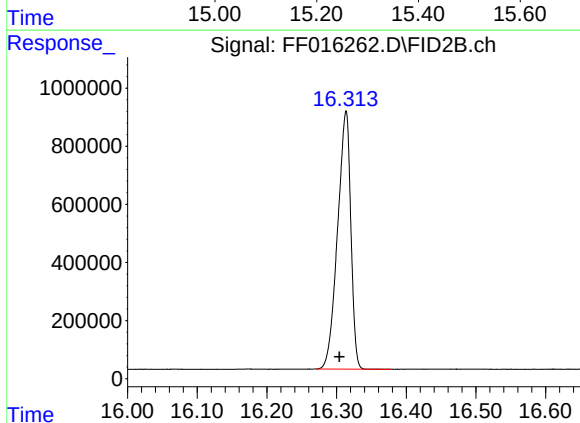
R.T.: 14.183 min
Delta R.T.: 0.008 min
Response: 11837734
Conc: 93.47 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



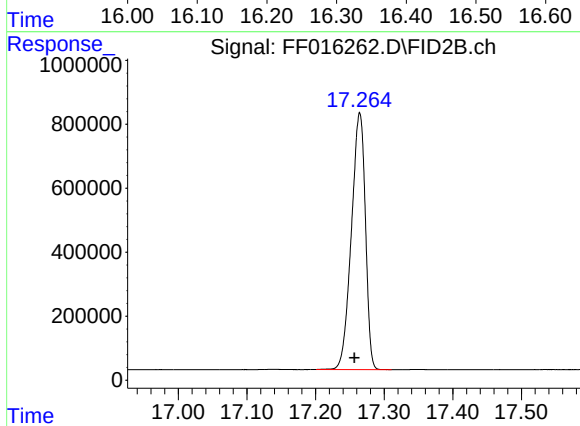
#14 n-Tetracosane (C24)

R.T.: 15.288 min
Delta R.T.: 0.008 min
Response: 11916363
Conc: 93.33 ug/ml



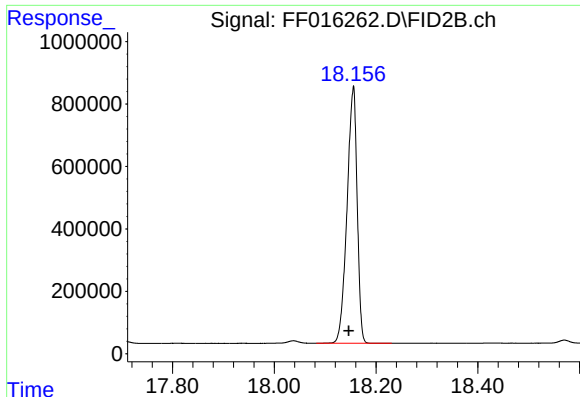
#15 n-Hexacosane (C26)

R.T.: 16.313 min
Delta R.T.: 0.009 min
Response: 11701528
Conc: 93.65 ug/ml



#16 n-Octacosane (C28)

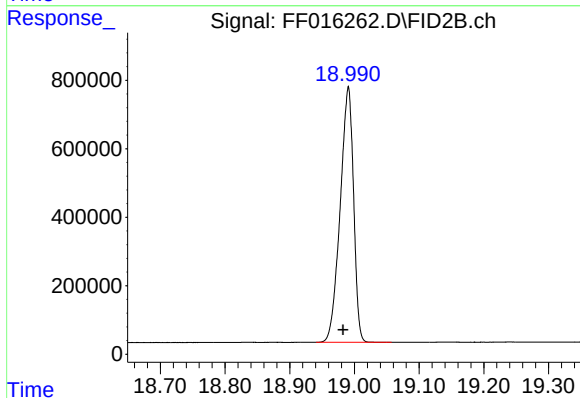
R.T.: 17.264 min
Delta R.T.: 0.008 min
Response: 11372894
Conc: 92.56 ug/ml



#17 n-Tricontane (C30)

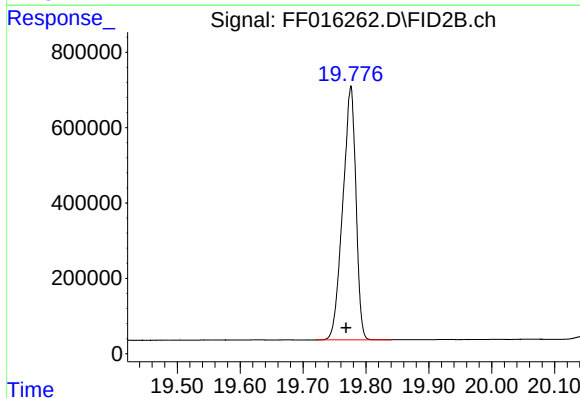
R.T.: 18.155 min
Delta R.T.: 0.009 min
Response: 11332018
Conc: 90.48 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



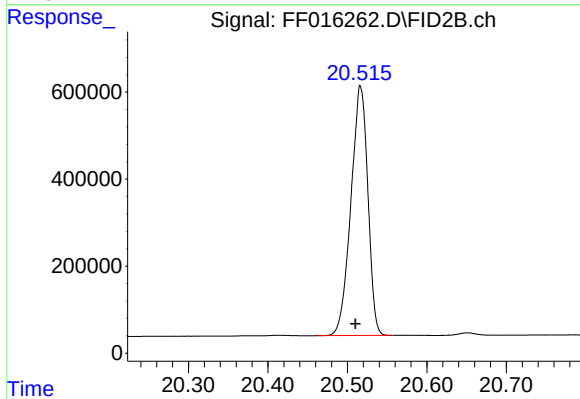
#18 n-Dotriacontane (C32)

R.T.: 18.990 min
Delta R.T.: 0.008 min
Response: 10713768
Conc: 88.33 ug/ml



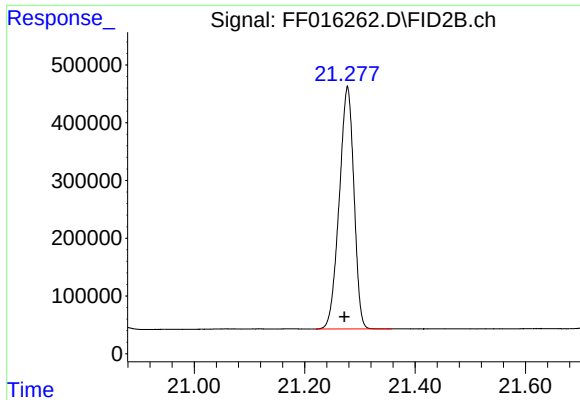
#19 n-Tetratriacontane (C34)

R.T.: 19.776 min
Delta R.T.: 0.007 min
Response: 9764280
Conc: 88.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.517 min
Delta R.T.: 0.006 min
Response: 8490934
Conc: 90.37 ug/ml



#21 n-Octatriacontane (C38)

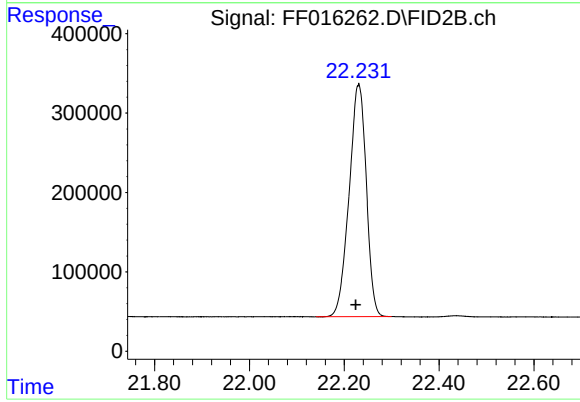
R.T.: 21.278 min
Delta R.T.: 0.006 min
Response: 7745351
Conc: 92.10 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.230 min
Delta R.T.: 0.006 min
Response: 7353238
Conc: 93.75 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
 Data File : FF016262.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 14:28
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.338	3.272	3.441	BB	1083080	10921774	81.04%	4.503%
2	4.600	4.539	4.704	BB	1099385	11126596	82.56%	4.587%
3	6.310	6.269	6.346	BV	1244490	12278737	91.11%	5.062%
4	6.778	6.731	6.846	BV	1097099	11267565	83.61%	4.645%
5	7.412	7.364	7.527	PV	1172927	12035023	89.30%	4.962%
6	8.612	8.544	8.721	BB	1046643	11284902	83.73%	4.652%
7	10.222	10.191	10.304	BB	1036971	11717816	86.95%	4.831%
8	11.670	11.631	11.742	BB	1025437	12096242	89.75%	4.987%
9	11.989	11.926	12.054	BB	1171070	13477083	100.00%	5.556%
10	12.981	12.935	13.051	PB	973881	11880156	88.15%	4.898%
11	13.427	13.391	13.491	BB	853531	10451306	77.55%	4.309%
12	13.595	13.552	13.659	VB	944054	11798923	87.55%	4.864%
13	14.183	14.092	14.251	BB	928071	11837734	87.84%	4.880%
14	15.288	15.199	15.347	BB	909426	11916363	88.42%	4.913%
15	16.313	16.271	16.379	BB	884110	11701528	86.83%	4.824%
16	17.264	17.201	17.311	BV	804258	11372894	84.39%	4.689%
17	18.155	18.082	18.231	VB	828142	11332018	84.08%	4.672%
18	18.990	18.941	19.057	BB	748251	10713768	79.50%	4.417%
19	19.776	19.721	19.841	BV	673075	9764280	72.45%	4.025%
20	20.517	20.461	20.556	BV	569415	8490934	63.00%	3.500%
21	21.278	21.221	21.357	BB	420658	7745351	57.47%	3.193%
22	22.230	22.141	22.300	BBA	293628	7353238	54.56%	3.031%
Sum of corrected areas:						242564231		

Aliphatic EPH 082825.M Fri Aug 29 04:25:40 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
 Data File : FF016263.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 14:57
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 29 03:22:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 03:19:37 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)	11.984	7114549	49.590 ug/ml
Spiked Amount 50.000		Recovery =	99.18%
12) S 1-chlorooctadecane (S...	13.423	5517507	49.645 ug/ml
Spiked Amount 50.000		Recovery =	99.29%
Target Compounds			
1) T n-Nonane (C9)	3.336	5756746	49.652 ug/ml
2) T n-Decane (C10)	4.597	5868071	49.797 ug/ml
3) T A~Naphthalene (C11.7)	6.307	6496536	50.011 ug/ml
4) T n-Dodecane (C12)	6.775	5965022	50.049 ug/ml
5) T A~2-methylnaphthalene...	7.408	6337183	50.083 ug/ml
6) T n-Tetradecane (C14)	8.609	5977208	50.029 ug/ml
7) T n-Hexadecane (C16)	10.218	6212172	50.133 ug/ml
8) T n-Octadecane (C18)	11.665	6422271	49.790 ug/ml
10) T n-Eicosane (C20)	12.977	6296882	49.430 ug/ml
11) T n-Heneicosane (C21)	13.591	6242115	49.356 ug/ml
13) T n-Docosane (C22)	14.178	6249577	49.344 ug/ml
14) T n-Tetracosane (C24)	15.283	6263355	49.057 ug/ml
15) T n-Hexacosane (C26)	16.307	6120648	48.986 ug/ml
16) T n-Octacosane (C28)	17.259	5939341	48.338 ug/ml
17) T n-Tricontane (C30)	18.150	5916904	47.243 ug/ml
18) T n-Dotriacontane (C32)	18.985	5596193	46.137 ug/ml
19) T n-Tetratriacontane (C34)	19.771	5092975	46.363 ug/ml
20) T n-Hexatriacontane (C36)	20.513	4426683	47.116 ug/ml
21) T n-Octatriacontane (C38)	21.273	4019342	47.792 ug/ml
22) T n-Tetracontane (C40)	22.224	3809752	48.571 ug/ml

(f)=RT Delta > 1/2 Window

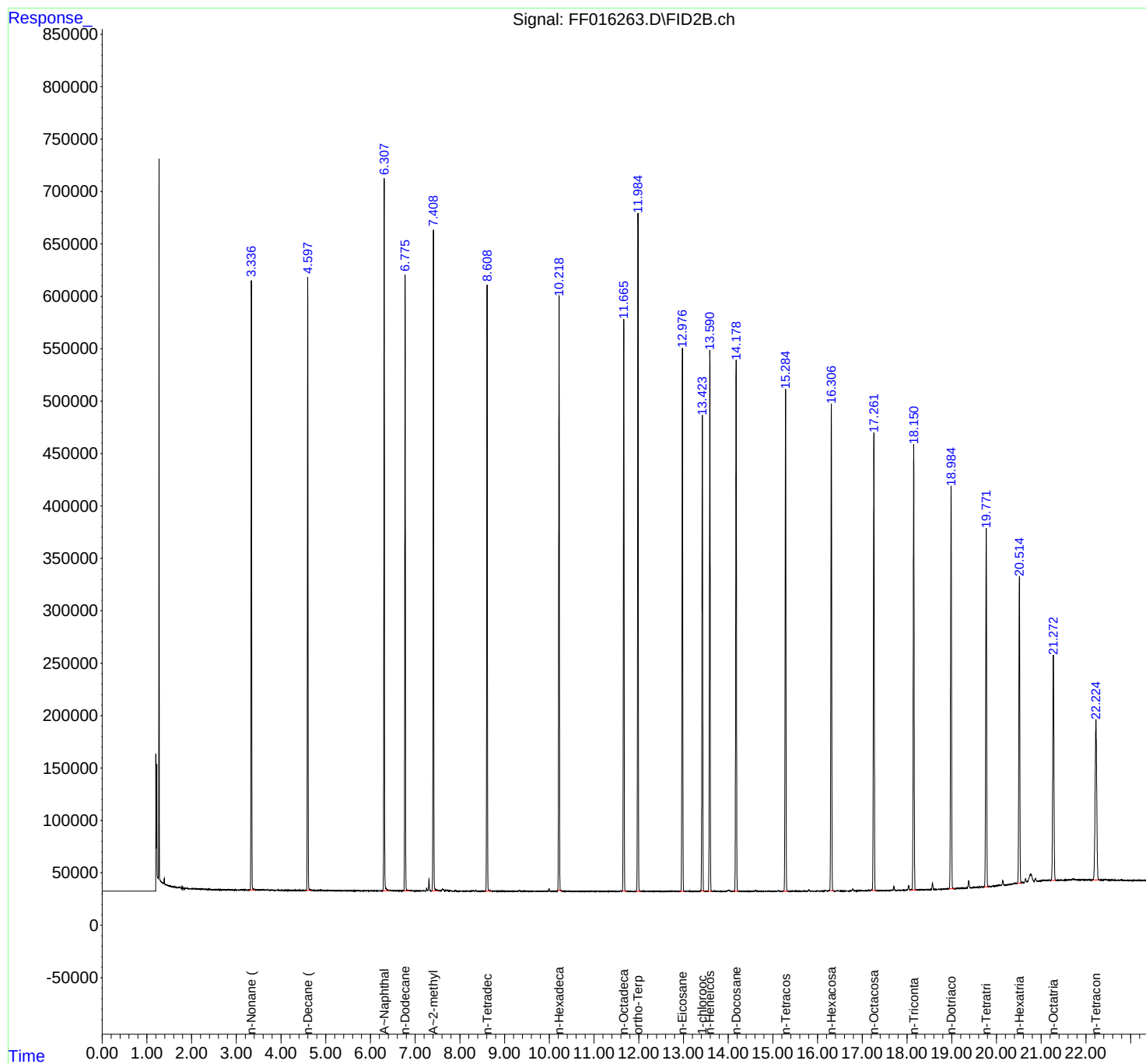
(m)=manual int.

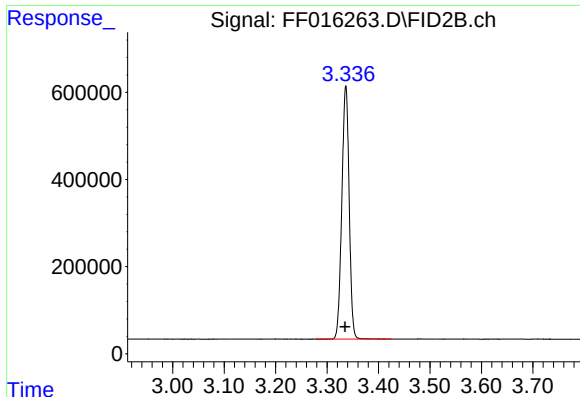
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
Data File : FF016263.D
Signal(s) : FID2B.ch
Acq On : 28 Aug 2025 14:57
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Aug 29 03:22:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 03:19:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

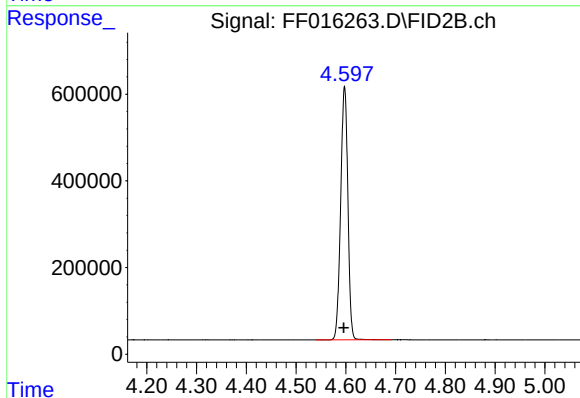




#1 n-Nonane (C9)

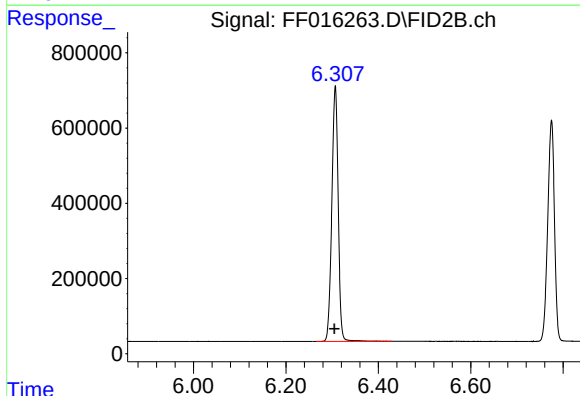
R.T.: 3.336 min
Delta R.T.: 0.001 min
Response: 5756746
Conc: 49.65 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



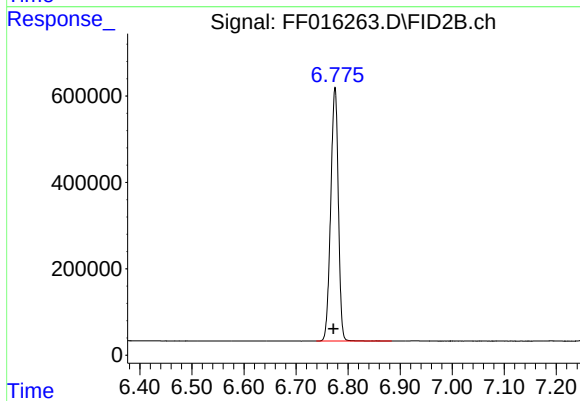
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.002 min
Response: 5868071
Conc: 49.80 ug/ml



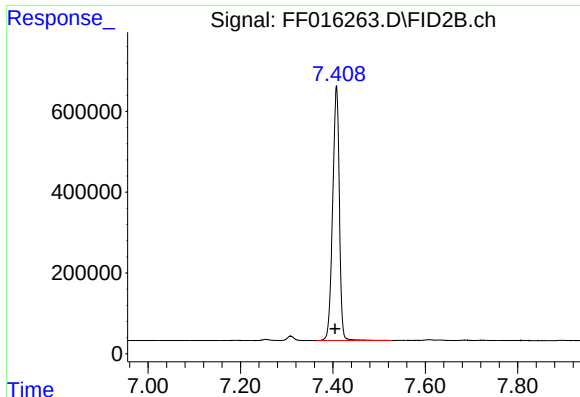
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.002 min
Response: 6496536
Conc: 50.01 ug/ml



#4 n-Dodecane (C12)

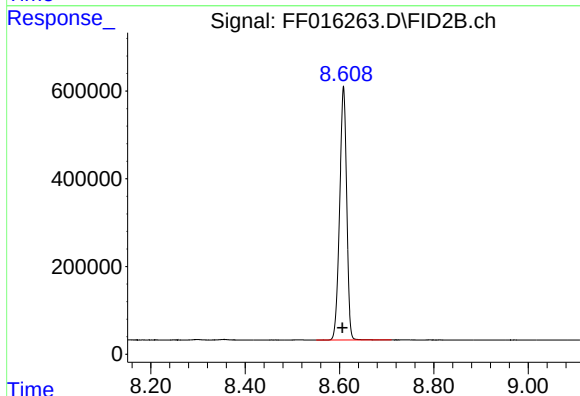
R.T.: 6.775 min
Delta R.T.: 0.003 min
Response: 5965022
Conc: 50.05 ug/ml



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

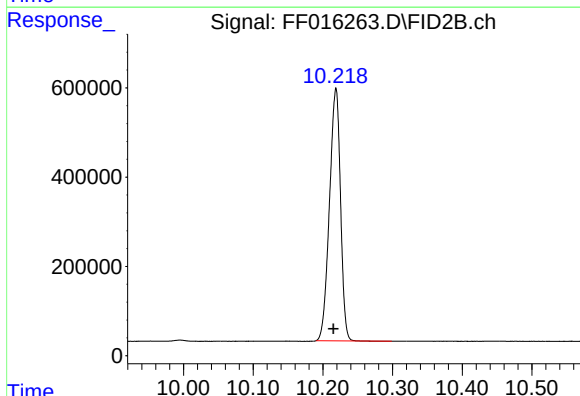
R.T.: 7.408 min
Delta R.T.: 0.003 min
Response: 6337183
Conc: 50.08 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



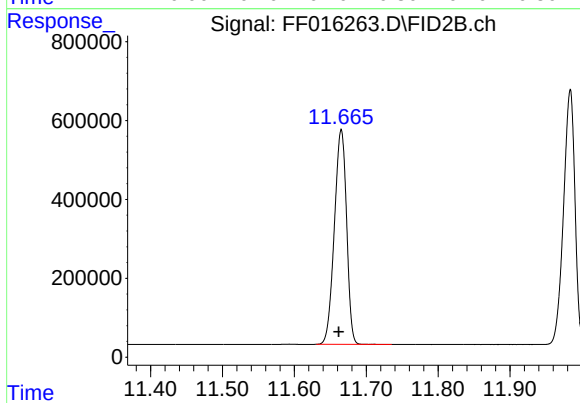
#6 n-Tetradecane (C14)

R.T.: 8.609 min
Delta R.T.: 0.003 min
Response: 5977208
Conc: 50.03 ug/ml



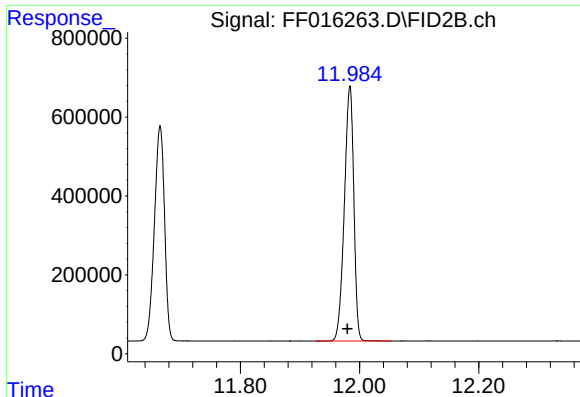
#7 n-Hexadecane (C16)

R.T.: 10.218 min
Delta R.T.: 0.003 min
Response: 6212172
Conc: 50.13 ug/ml



#8 n-Octadecane (C18)

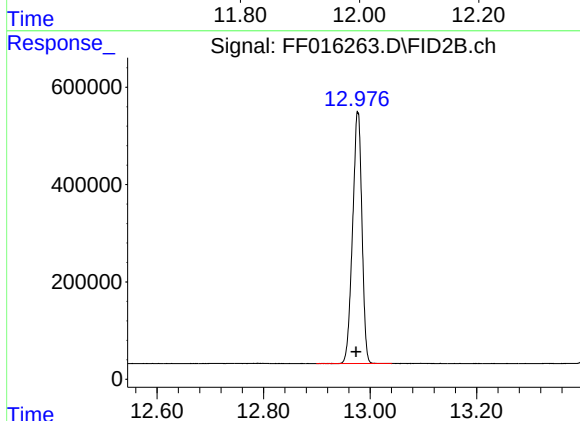
R.T.: 11.665 min
Delta R.T.: 0.003 min
Response: 6422271
Conc: 49.79 ug/ml



#9 ortho-Terphenyl (SURR)

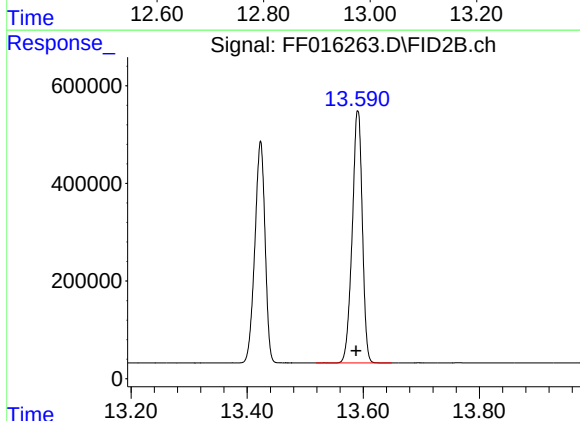
R.T.: 11.984 min
Delta R.T.: 0.004 min
Response: 7114549
Conc: 49.59 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



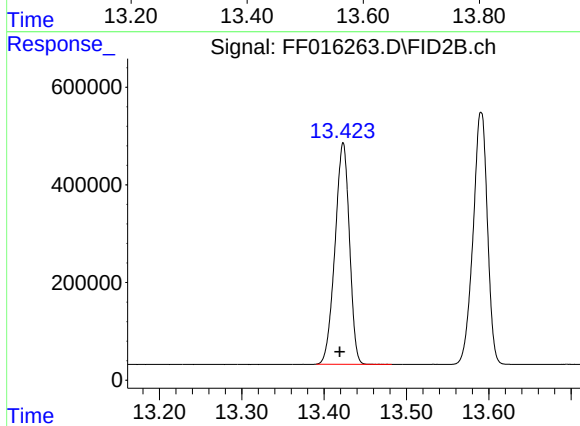
#10 n-Eicosane (C20)

R.T.: 12.977 min
Delta R.T.: 0.003 min
Response: 6296882
Conc: 49.43 ug/ml



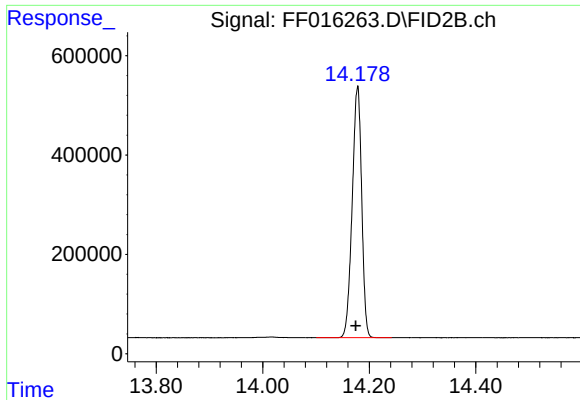
#11 n-Heneicosane (C21)

R.T.: 13.591 min
Delta R.T.: 0.003 min
Response: 6242115
Conc: 49.36 ug/ml



#12 1-chlorooctadecane (SURR)

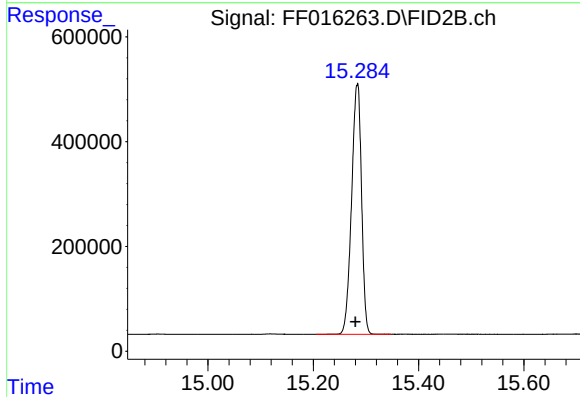
R.T.: 13.423 min
Delta R.T.: 0.004 min
Response: 5517507
Conc: 49.65 ug/ml



#13 n-Docosane (C22)

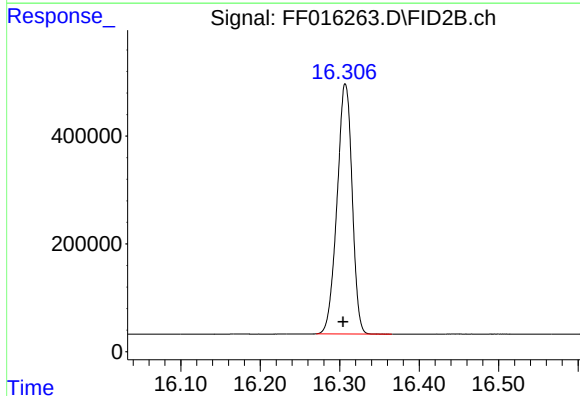
R.T.: 14.178 min
Delta R.T.: 0.003 min
Response: 6249577
Conc: 49.34 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



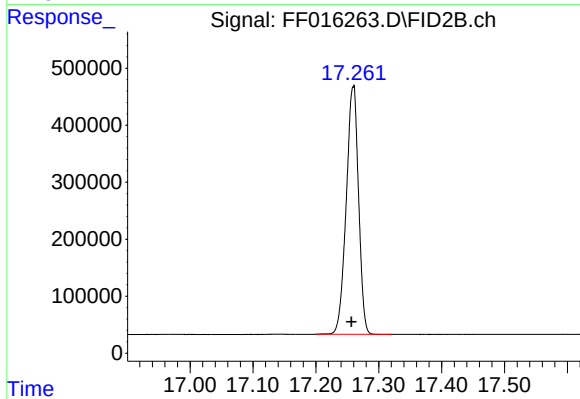
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: 0.003 min
Response: 6263355
Conc: 49.06 ug/ml



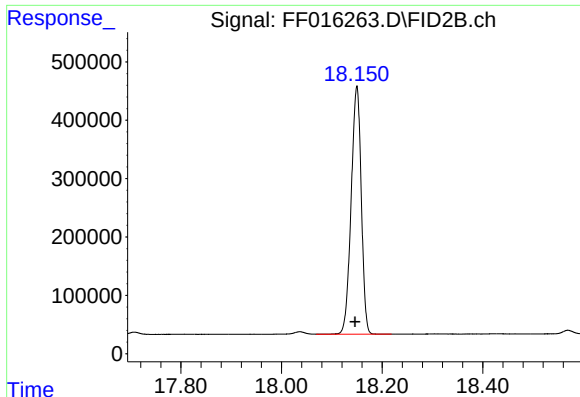
#15 n-Hexacosane (C26)

R.T.: 16.307 min
Delta R.T.: 0.003 min
Response: 6120648
Conc: 48.99 ug/ml



#16 n-Octacosane (C28)

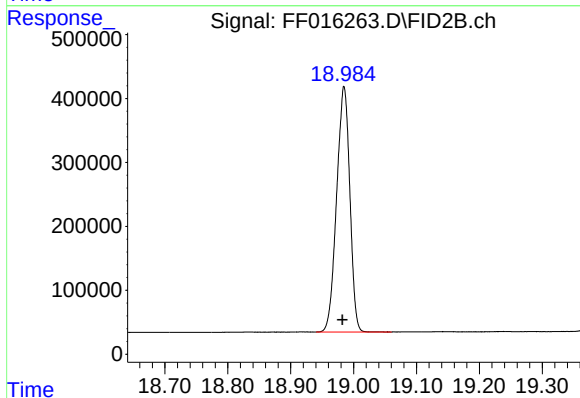
R.T.: 17.259 min
Delta R.T.: 0.003 min
Response: 5939341
Conc: 48.34 ug/ml



#17 n-Tricontane (C30)

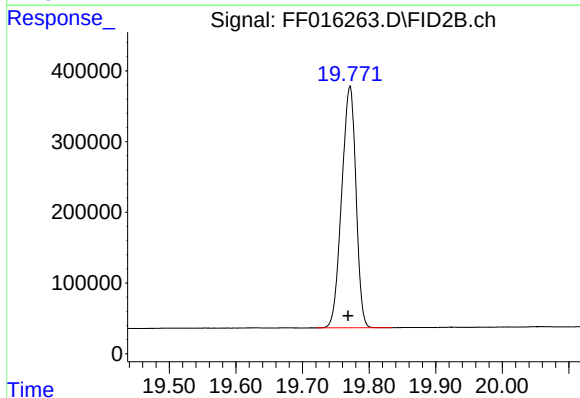
R.T.: 18.150 min
Delta R.T.: 0.003 min
Response: 5916904
Conc: 47.24 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



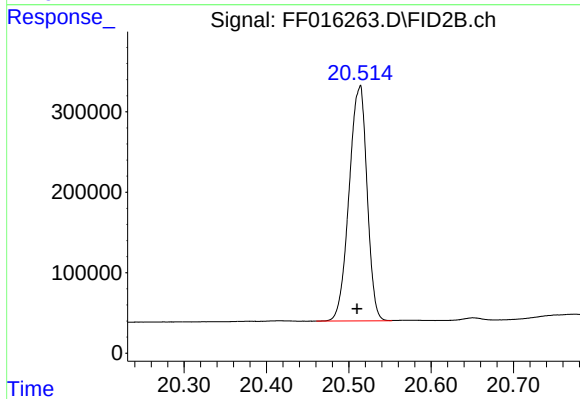
#18 n-Dotriacontane (C32)

R.T.: 18.985 min
Delta R.T.: 0.002 min
Response: 5596193
Conc: 46.14 ug/ml



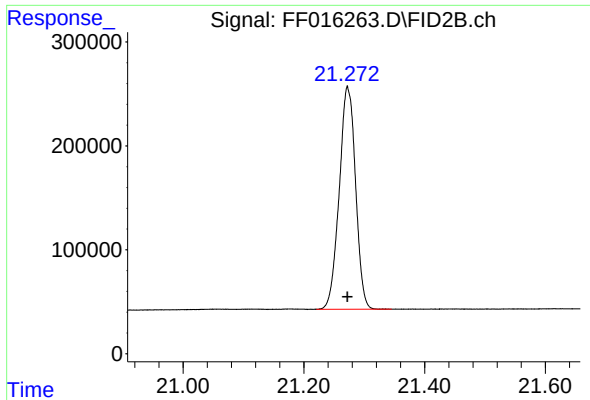
#19 n-Tetratriacontane (C34)

R.T.: 19.771 min
Delta R.T.: 0.003 min
Response: 5092975
Conc: 46.36 ug/ml



#20 n-Hexatriacontane (C36)

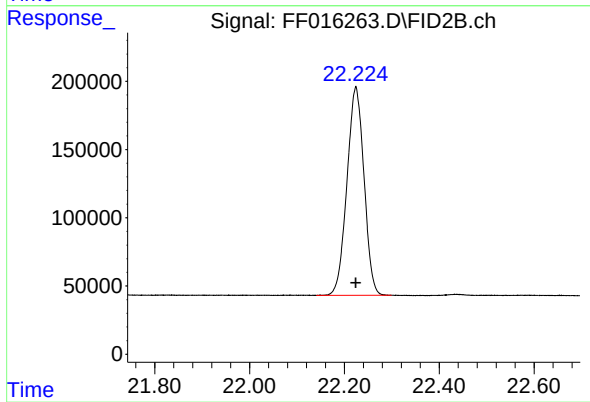
R.T.: 20.513 min
Delta R.T.: 0.003 min
Response: 4426683
Conc: 47.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.273 min
Delta R.T.: 0.000 min
Response: 4019342
Conc: 47.79 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.224 min
Delta R.T.: 0.000 min
Response: 3809752
Conc: 48.57 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
 Data File : FF016263.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 14:57
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.336	3.279	3.425	BB	582940	5756746	80.92%	4.510%
2	4.597	4.540	4.692	BB	585342	5868071	82.48%	4.597%
3	6.307	6.265	6.429	BB	680943	6496536	91.31%	5.090%
4	6.775	6.739	6.884	BB	590527	5965022	83.84%	4.673%
5	7.408	7.364	7.527	PV	628363	6337183	89.07%	4.965%
6	8.609	8.550	8.710	BB	578625	5977208	84.01%	4.683%
7	10.218	10.190	10.299	BB	567835	6212172	87.32%	4.867%
8	11.665	11.630	11.735	BB	545324	6422271	90.27%	5.032%
9	11.984	11.927	12.054	BB	647511	7114549	100.00%	5.574%
10	12.977	12.899	13.040	BB	515702	6296882	88.51%	4.933%
11	13.423	13.390	13.482	BB	455615	5517507	77.55%	4.323%
12	13.591	13.519	13.649	BB	516942	6242115	87.74%	4.890%
13	14.178	14.100	14.242	BB	509441	6249577	87.84%	4.896%
14	15.283	15.205	15.349	BB	477100	6263355	88.04%	4.907%
15	16.307	16.270	16.365	BB	464010	6120648	86.03%	4.795%
16	17.259	17.200	17.320	BB	435113	5939341	83.48%	4.653%
17	18.150	18.069	18.219	VB	426538	5916904	83.17%	4.636%
18	18.985	18.940	19.060	BB	383789	5596193	78.66%	4.384%
19	19.771	19.720	19.834	BB	340797	5092975	71.59%	3.990%
20	20.513	20.460	20.552	BV	289179	4426683	62.22%	3.468%
21	21.273	21.220	21.345	BB	214147	4019342	56.49%	3.149%
22	22.224	22.140	22.300	BBA	152827	3809752	53.55%	2.985%
Sum of corrected areas:						127641030		

Aliphatic EPH 082825.M Fri Aug 29 04:24:36 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
 Data File : FF016264.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 15:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Aug 29 03:22:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 03:19:37 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)	11.980	2869348	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.419	2222782	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.335	2318851	20.000 ug/ml
2) T n-Decane (C10)	4.596	2356788	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.305	2598020	20.000 ug/ml
4) T n-Dodecane (C12)	6.772	2383688	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.405	2530683	20.000 ug/ml
6) T n-Tetradecane (C14)	8.606	2389512	20.000 ug/ml
7) T n-Hexadecane (C16)	10.215	2478275	20.000 ug/ml
8) T n-Octadecane (C18)	11.662	2579721	20.000 ug/ml
10) T n-Eicosane (C20)	12.974	2547803	20.000 ug/ml
11) T n-Heneicosane (C21)	13.587	2529440	20.000 ug/ml
13) T n-Docosane (C22)	14.174	2533057	20.000 ug/ml
14) T n-Tetracosane (C24)	15.280	2553492	20.000 ug/ml
15) T n-Hexacosane (C26)	16.304	2498960	20.000 ug/ml
16) T n-Octacosane (C28)	17.256	2457404	20.000 ug/ml
17) T n-Tricontane (C30)	18.146	2504891	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.982	2425892	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.768	2197004	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.510	1879057	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.272	1681997	20.000 ug/ml
22) T n-Tetracontane (C40)	22.224	1568751	20.000 ug/ml

(f)=RT Delta > 1/2 Window

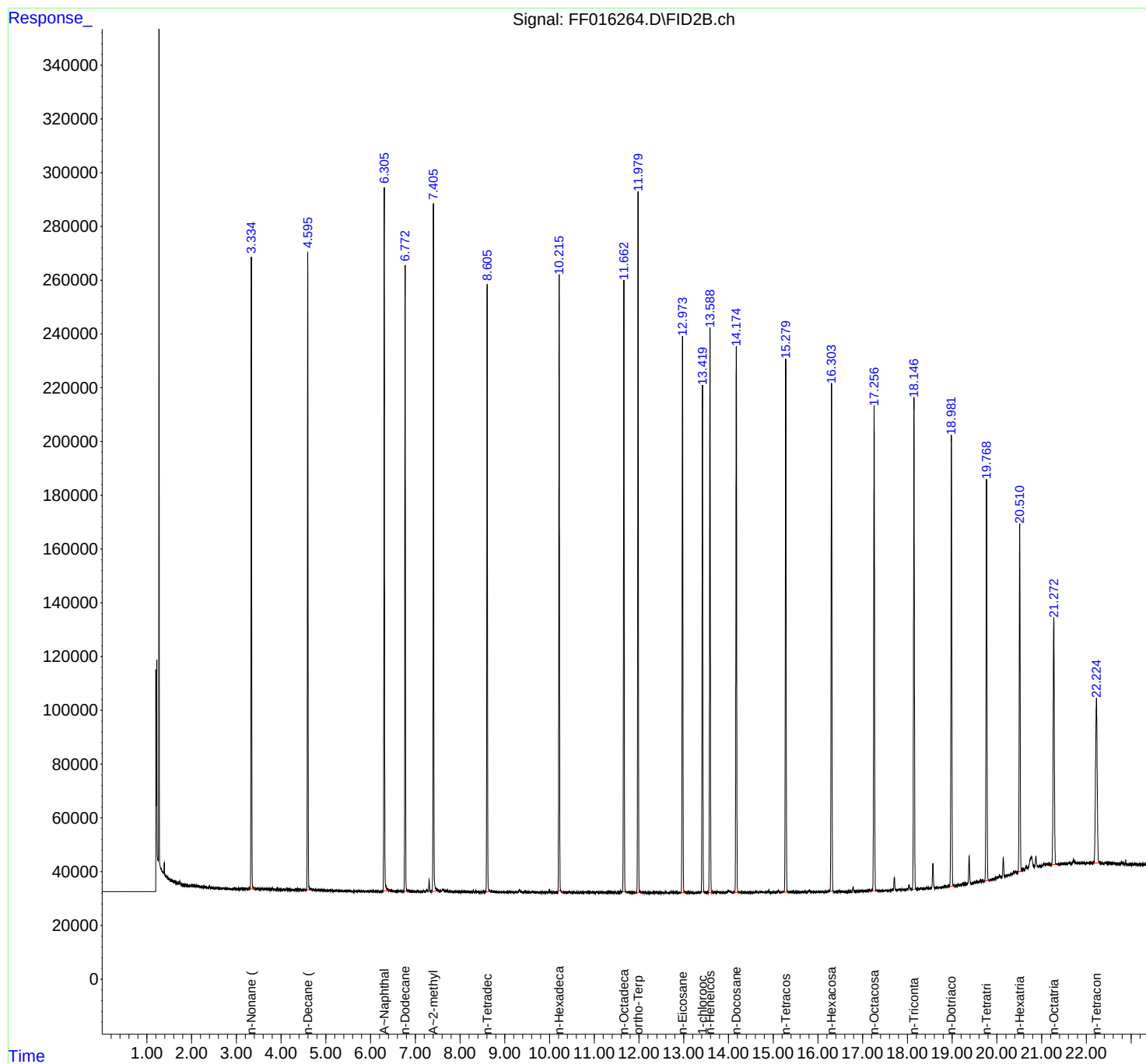
(m)=manual int.

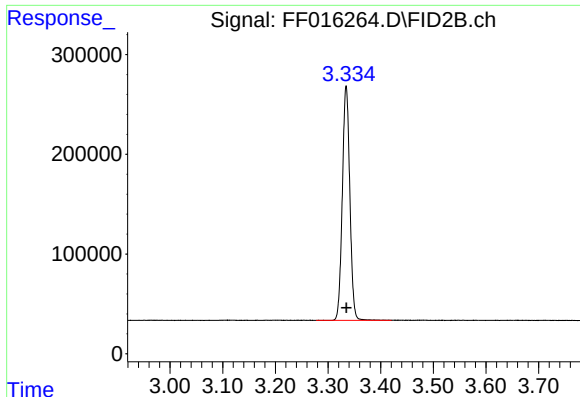
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
Data File : FF016264.D
Signal(s) : FID2B.ch
Acq On : 28 Aug 2025 15:27
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Aug 29 03:22:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 03:19:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

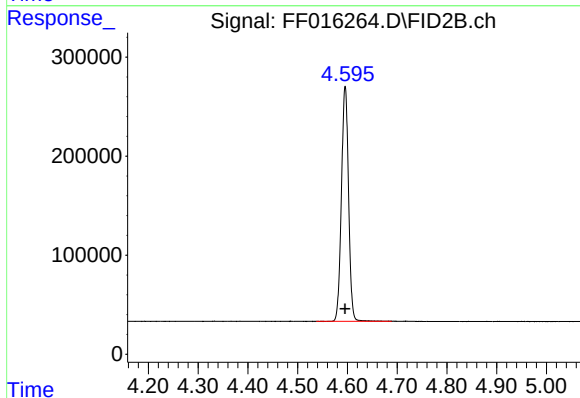




#1 n-Nonane (C9)

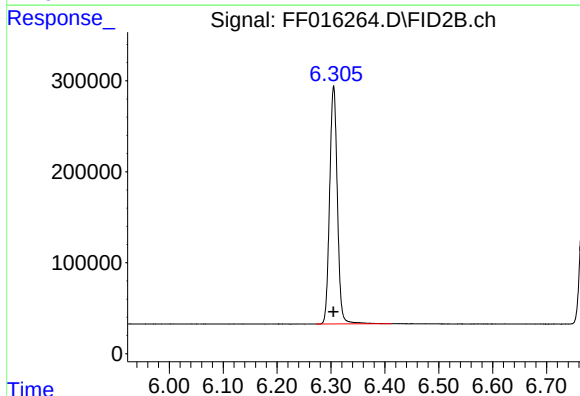
R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 2318851
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



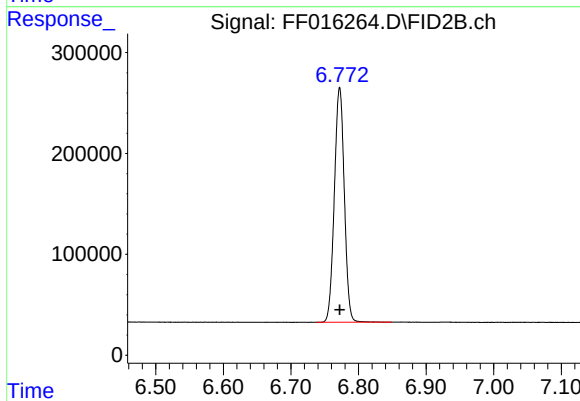
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 2356788
Conc: 20.00 ug/ml



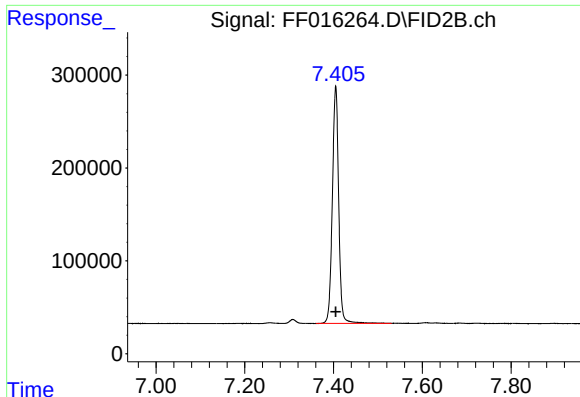
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 2598020
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

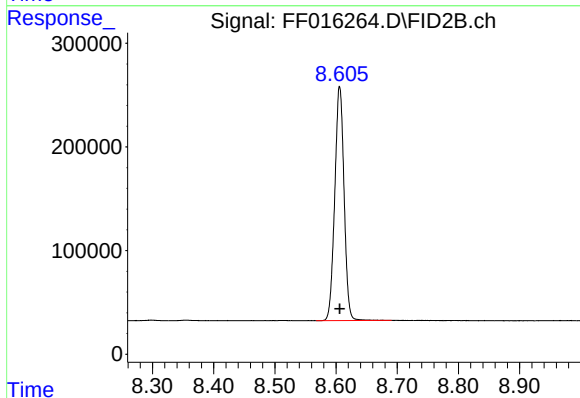
R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 2383688
Conc: 20.00 ug/ml



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

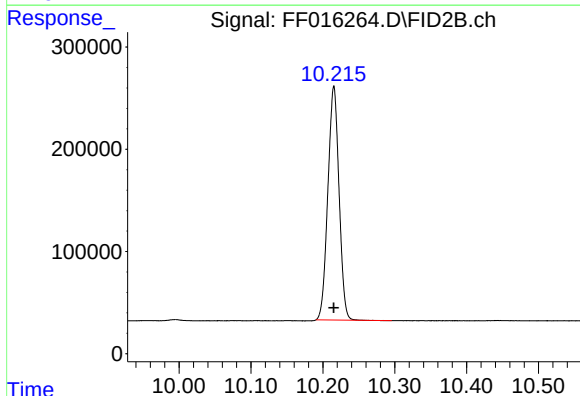
R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 2530683
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



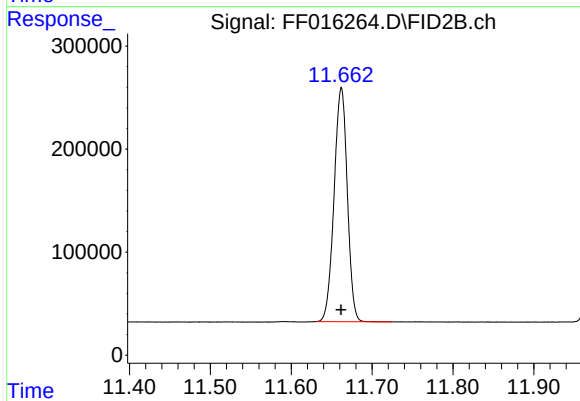
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: 0.000 min
Response: 2389512
Conc: 20.00 ug/ml



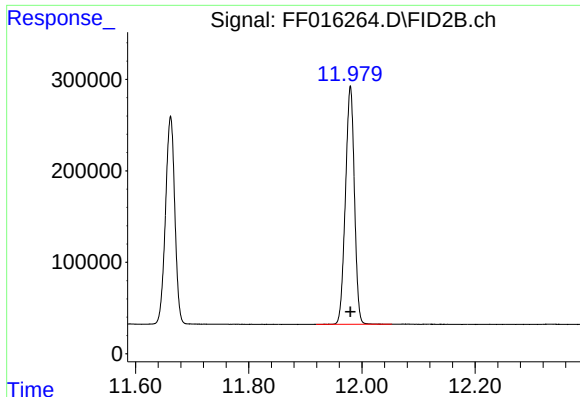
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.000 min
Response: 2478275
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

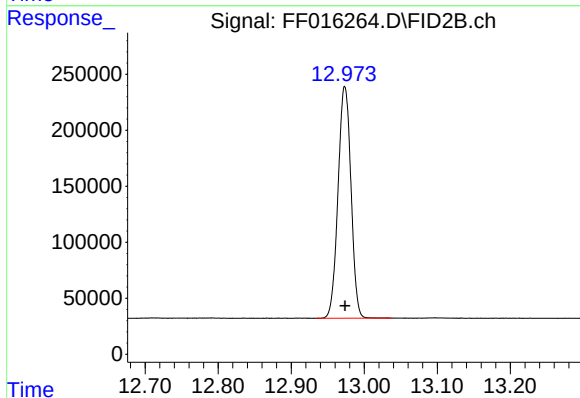
R.T.: 11.662 min
Delta R.T.: 0.000 min
Response: 2579721
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

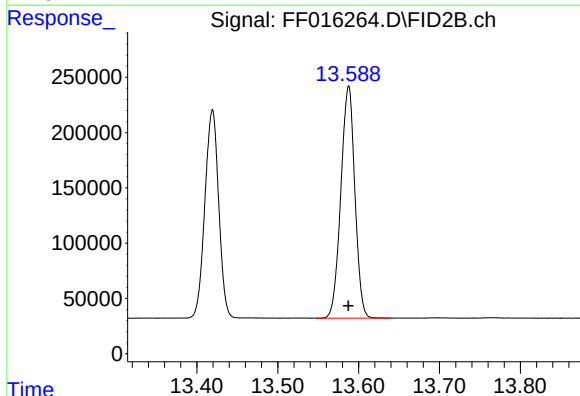
R.T.: 11.980 min
Delta R.T.: 0.000 min
Response: 2869348
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



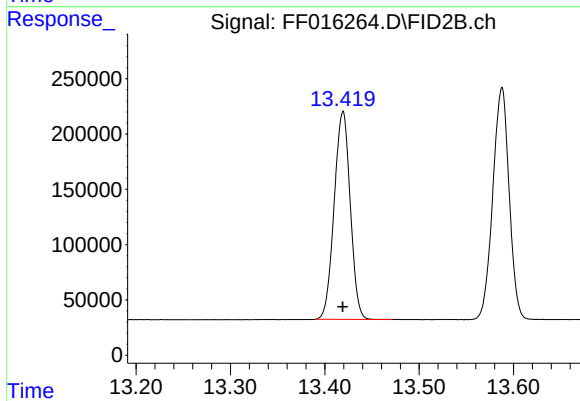
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 2547803
Conc: 20.00 ug/ml



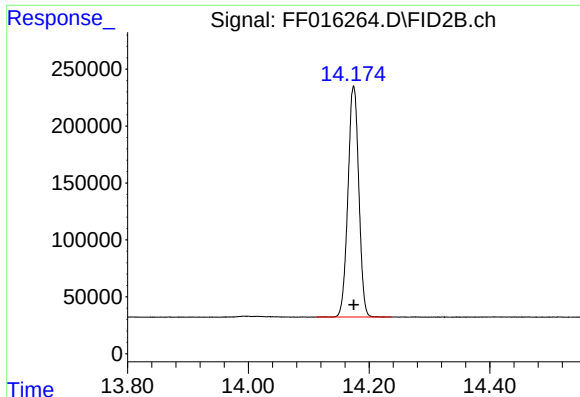
#11 n-Heneicosane (C21)

R.T.: 13.587 min
Delta R.T.: 0.000 min
Response: 2529440
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

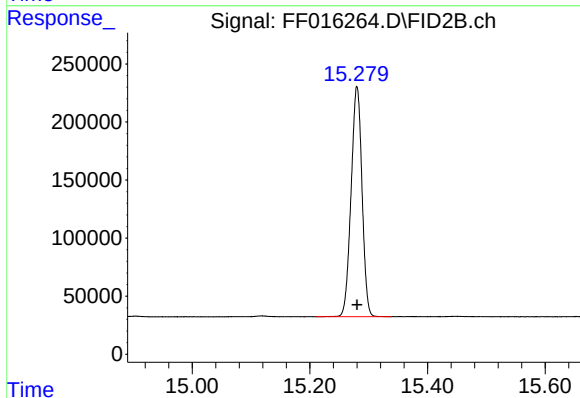
R.T.: 13.419 min
Delta R.T.: 0.000 min
Response: 2222782
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

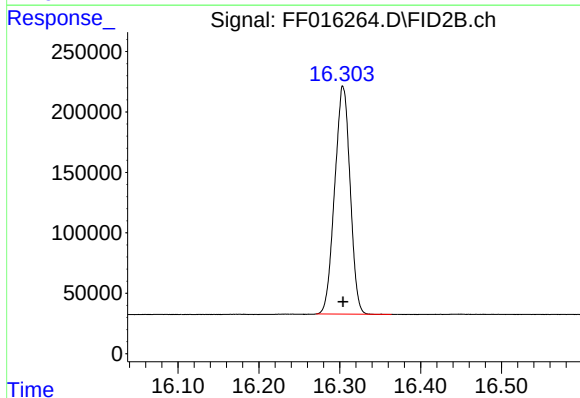
R.T.: 14.174 min
Delta R.T.: 0.000 min
Response: 2533057
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



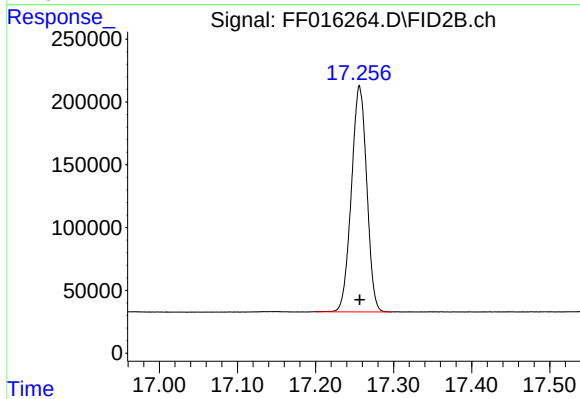
#14 n-Tetracosane (C24)

R.T.: 15.280 min
Delta R.T.: 0.000 min
Response: 2553492
Conc: 20.00 ug/ml



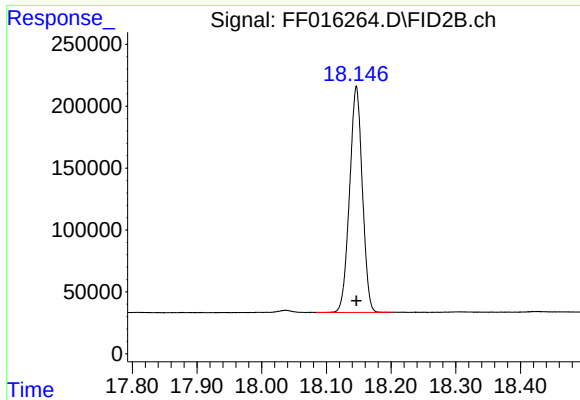
#15 n-Hexacosane (C26)

R.T.: 16.304 min
Delta R.T.: 0.000 min
Response: 2498960
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

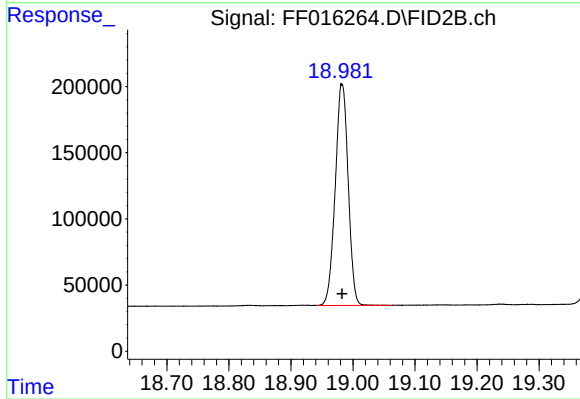
R.T.: 17.256 min
Delta R.T.: 0.000 min
Response: 2457404
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

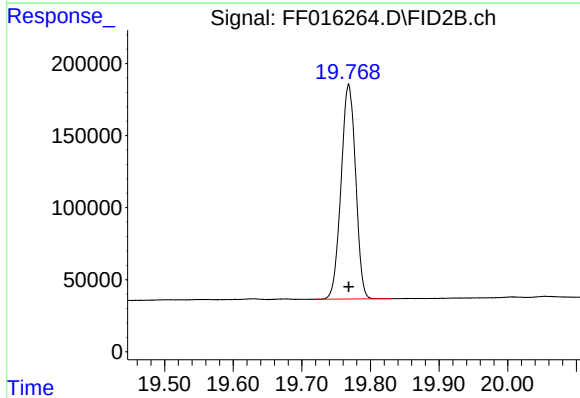
R.T.: 18.146 min
Delta R.T.: 0.000 min
Response: 2504891
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



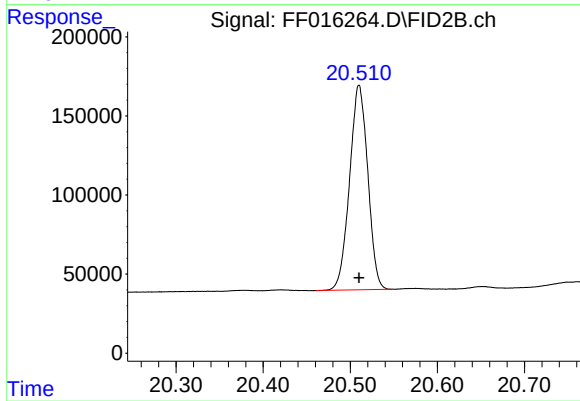
#18 n-Dotriacontane (C32)

R.T.: 18.982 min
Delta R.T.: 0.000 min
Response: 2425892
Conc: 20.00 ug/ml



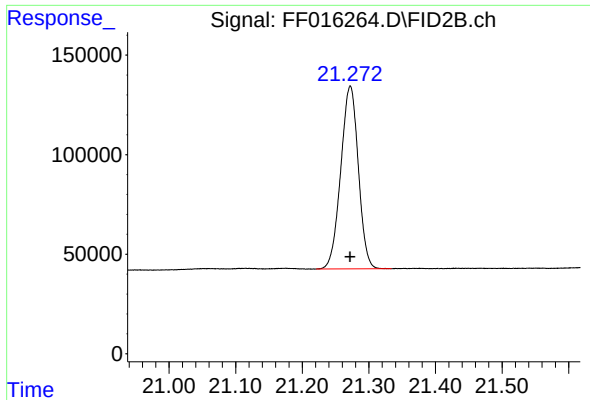
#19 n-Tetratriacontane (C34)

R.T.: 19.768 min
Delta R.T.: 0.000 min
Response: 2197004
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

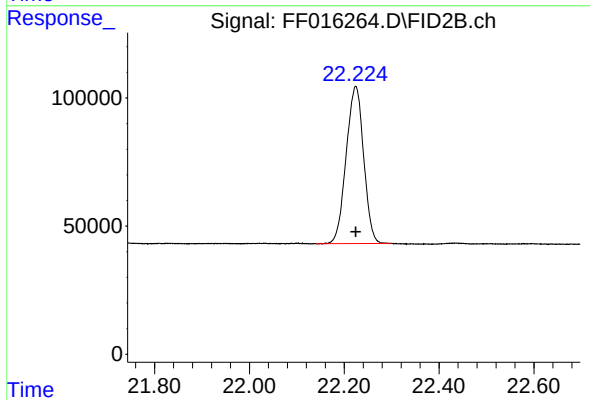
R.T.: 20.510 min
Delta R.T.: 0.000 min
Response: 1879057
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.272 min
Delta R.T.: 0.000 min
Response: 1681997
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.224 min
Delta R.T.: 0.000 min
Response: 1568751
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
 Data File : FF016264.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 15:27
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.335	3.277	3.421	BB	234956	2318851	80.81%	4.450%
2	4.596	4.537	4.689	BB	237507	2356788	82.14%	4.523%
3	6.305	6.272	6.412	BB	262545	2598020	90.54%	4.986%
4	6.772	6.737	6.849	BB	233183	2383688	83.07%	4.575%
5	7.405	7.361	7.531	BB	254733	2530683	88.20%	4.857%
6	8.606	8.567	8.691	BB	226031	2389512	83.28%	4.586%
7	10.215	10.191	10.296	BB	229558	2478275	86.37%	4.756%
8	11.662	11.631	11.724	BB	227739	2579721	89.91%	4.951%
9	11.980	11.919	12.052	BB	260704	2869348	100.00%	5.507%
10	12.974	12.934	13.037	BB	206599	2547803	88.79%	4.890%
11	13.419	13.391	13.471	BB	188067	2222782	77.47%	4.266%
12	13.587	13.547	13.641	BB	210164	2529440	88.15%	4.854%
13	14.174	14.112	14.237	BB	202813	2533057	88.28%	4.861%
14	15.280	15.211	15.339	BB	198161	2553492	88.99%	4.901%
15	16.304	16.271	16.364	BB	188386	2498960	87.09%	4.796%
16	17.256	17.201	17.297	BB	179980	2457404	85.64%	4.716%
17	18.146	18.084	18.201	BB	182672	2504891	87.30%	4.807%
18	18.982	18.941	19.062	BB	166500	2425892	84.55%	4.656%
19	19.768	19.721	19.831	BB	149171	2197004	76.57%	4.216%
20	20.510	20.461	20.547	BV	129514	1879057	65.49%	3.606%
21	21.272	21.221	21.334	BB	92000	1681997	58.62%	3.228%
22	22.224	22.141	22.300	BBA	61380	1568751	54.67%	3.011%
Sum of corrected areas:						52105414		

Aliphatic EPH 082825.M Fri Aug 29 04:23:30 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
 Data File : FF016265.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 15:56
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 29 03:22:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 03:19:37 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)	11.978	1476393	10.291 ug/ml
Spiked Amount 50.000		Recovery =	20.58%
12) S 1-chlorooctadecane (S...	13.419	1132546	10.190 ug/ml
Spiked Amount 50.000		Recovery =	20.38%
Target Compounds			
1) T n-Nonane (C9)	3.334	1182101	10.196 ug/ml
2) T n-Decane (C10)	4.595	1203387	10.212 ug/ml
3) T A~Naphthalene (C11.7)	6.305	1331210	10.248 ug/ml
4) T n-Dodecane (C12)	6.772	1218300	10.222 ug/ml
5) T A~2-methylnaphthalene...	7.405	1291875	10.210 ug/ml
6) T n-Tetradecane (C14)	8.606	1221539	10.224 ug/ml
7) T n-Hexadecane (C16)	10.215	1263745	10.199 ug/ml
8) T n-Octadecane (C18)	11.661	1314285	10.189 ug/ml
10) T n-Eicosane (C20)	12.973	1302490	10.224 ug/ml
11) T n-Heneicosane (C21)	13.586	1292641	10.221 ug/ml
13) T n-Docosane (C22)	14.173	1292166	10.202 ug/ml
14) T n-Tetracosane (C24)	15.279	1303375	10.209 ug/ml
15) T n-Hexacosane (C26)	16.303	1277357	10.223 ug/ml
16) T n-Octacosane (C28)	17.255	1257908	10.238 ug/ml
17) T n-Tricontane (C30)	18.145	1296429	10.351 ug/ml
18) T n-Dotriacontane (C32)	18.980	1268227	10.456 ug/ml
19) T n-Tetratriacontane (C34)	19.767	1147980	10.450 ug/ml
20) T n-Hexatriacontane (C36)	20.509	973359	10.360 ug/ml
21) T n-Octatriacontane (C38)	21.269	871847	10.367 ug/ml
22) T n-Tetracontane (C40)	22.222	810646	10.335 ug/ml

(f)=RT Delta > 1/2 Window

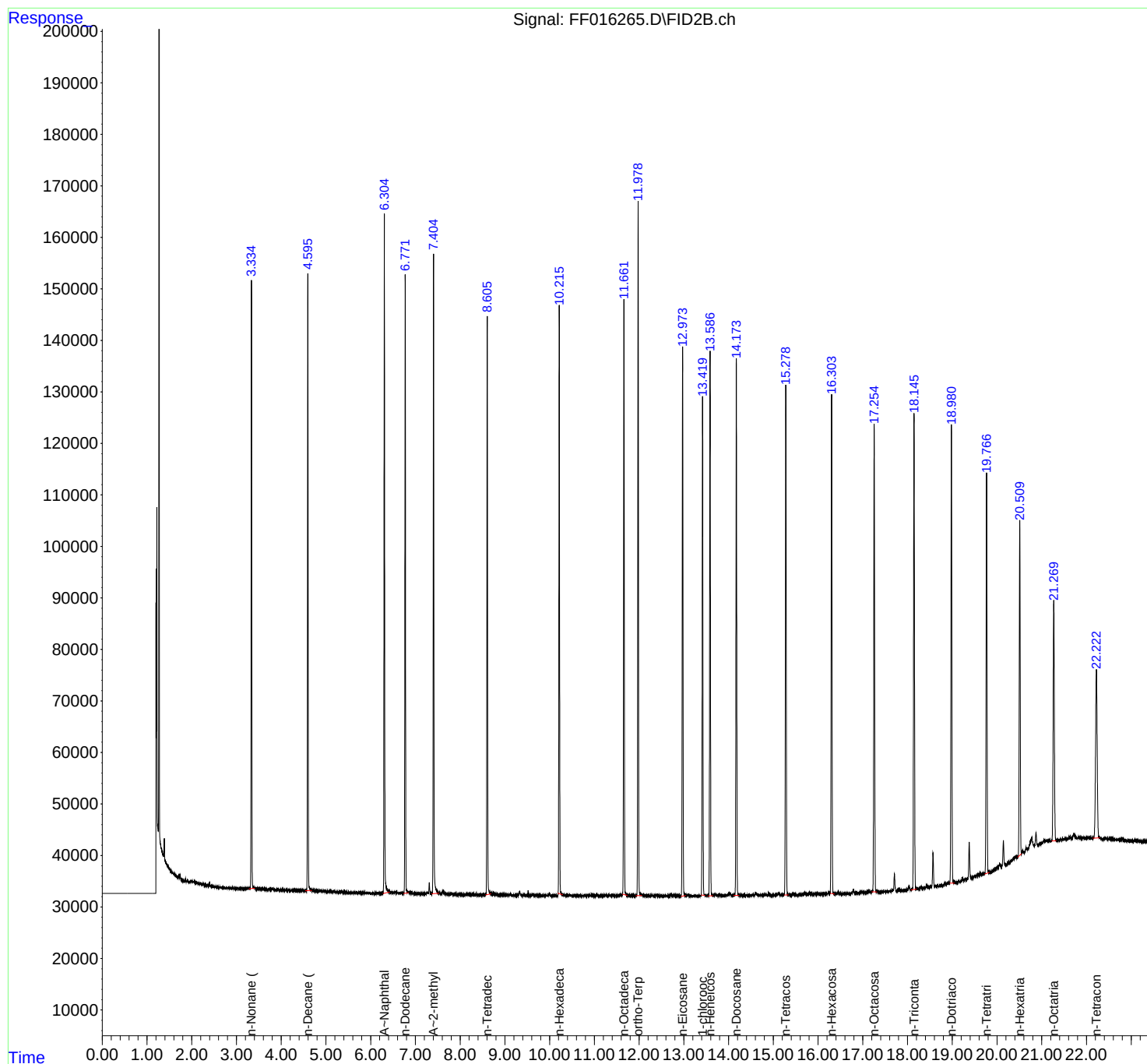
(m)=manual int.

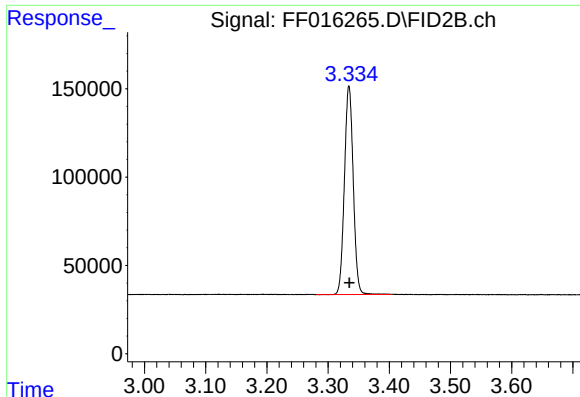
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
Data File : FF016265.D
Signal(s) : FID2B.ch
Acq On : 28 Aug 2025 15:56
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Aug 29 03:22:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 03:19:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

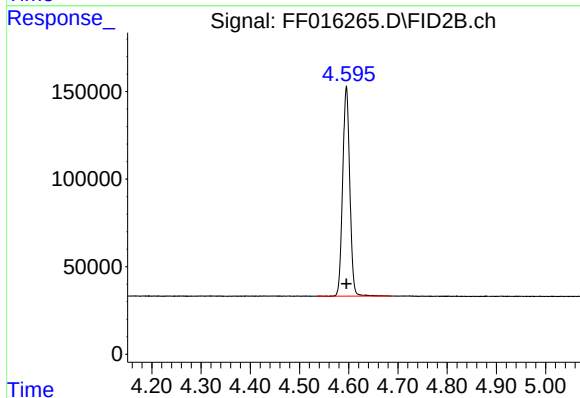




#1 n-Nonane (C9)

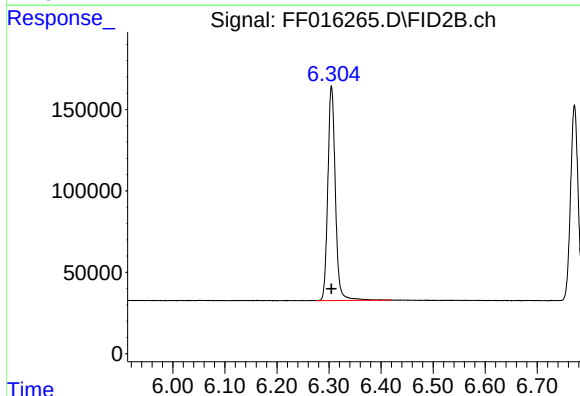
R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 1182101
Conc: 10.20 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



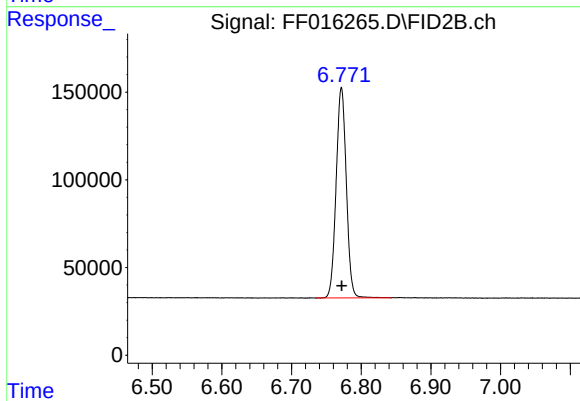
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 1203387
Conc: 10.21 ug/ml



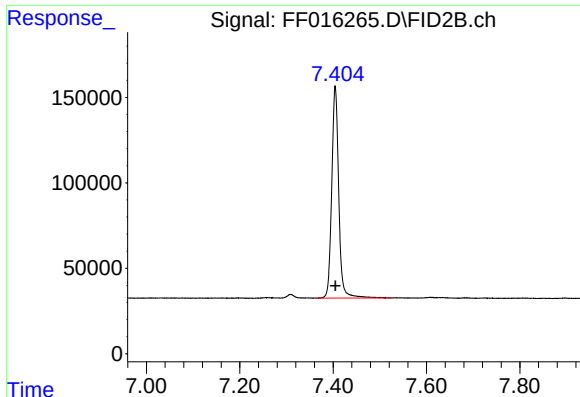
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 1331210
Conc: 10.25 ug/ml



#4 n-Dodecane (C12)

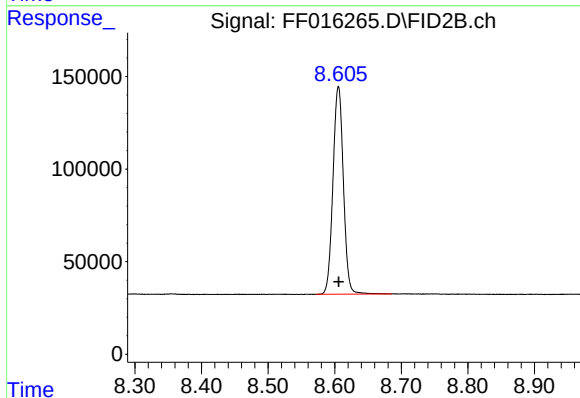
R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 1218300
Conc: 10.22 ug/ml



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

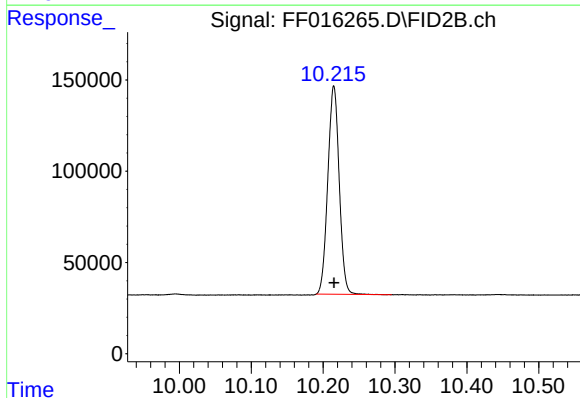
R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 1291875
Conc: 10.21 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



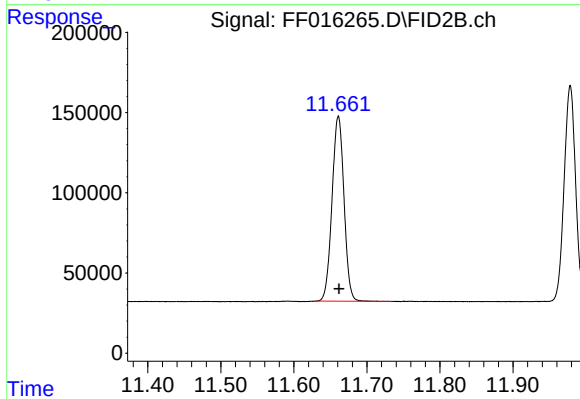
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: 0.000 min
Response: 1221539
Conc: 10.22 ug/ml



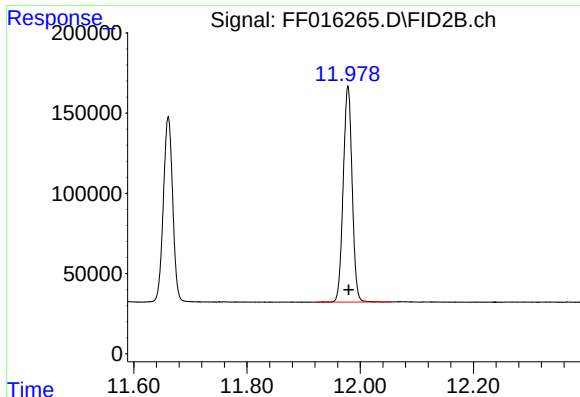
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.000 min
Response: 1263745
Conc: 10.20 ug/ml



#8 n-Octadecane (C18)

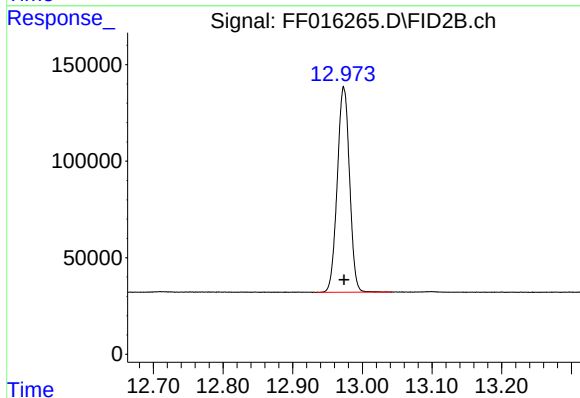
R.T.: 11.661 min
Delta R.T.: 0.000 min
Response: 1314285
Conc: 10.19 ug/ml



#9 ortho-Terphenyl (SURR)

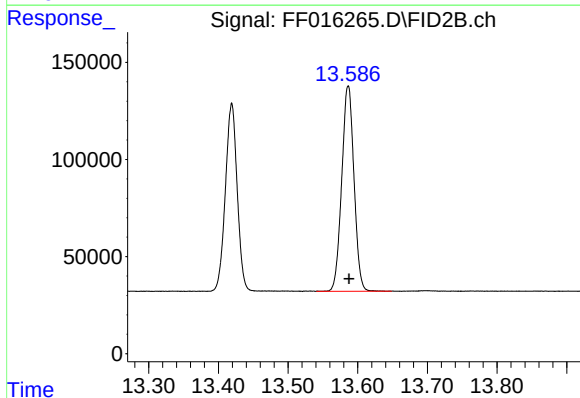
R.T.: 11.978 min
Delta R.T.: -0.001 min
Response: 1476393
Conc: 10.29 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



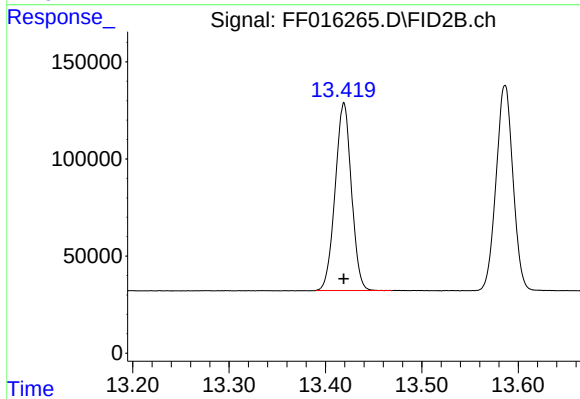
#10 n-Eicosane (C20)

R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 1302490
Conc: 10.22 ug/ml



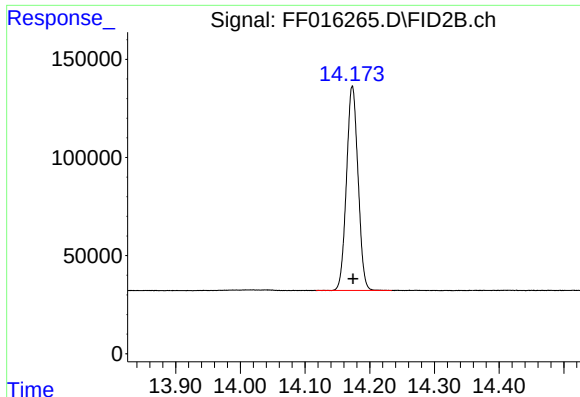
#11 n-Heneicosane (C21)

R.T.: 13.586 min
Delta R.T.: -0.001 min
Response: 1292641
Conc: 10.22 ug/ml



#12 1-chlorooctadecane (SURR)

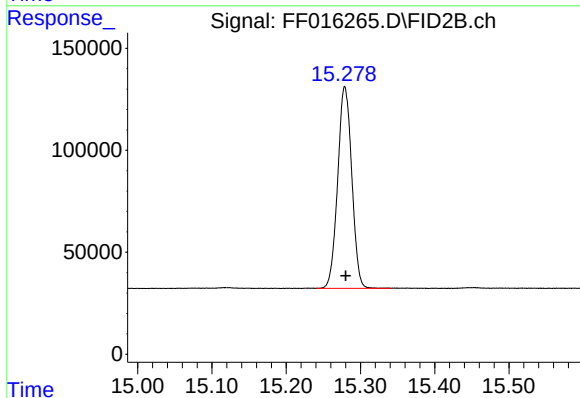
R.T.: 13.419 min
Delta R.T.: 0.000 min
Response: 1132546
Conc: 10.19 ug/ml



#13 n-Docosane (C22)

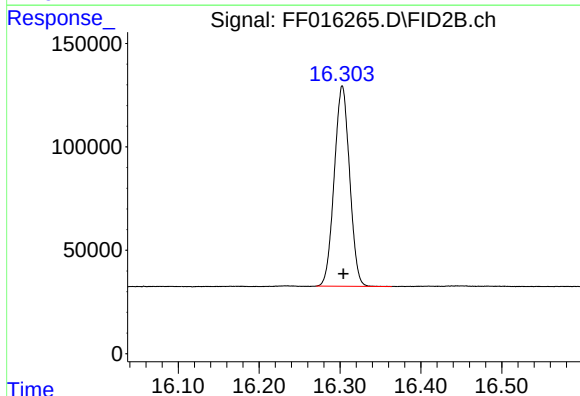
R.T.: 14.173 min
Delta R.T.: -0.001 min
Response: 1292166
Conc: 10.20 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



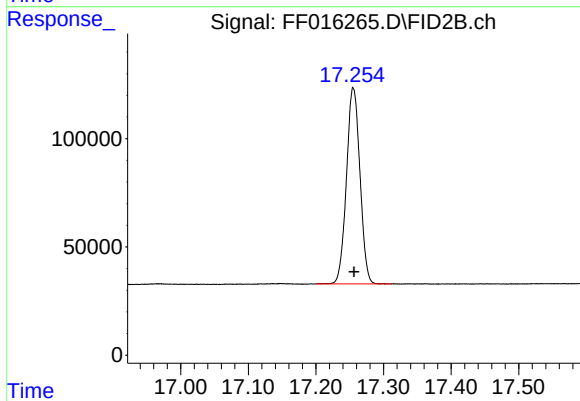
#14 n-Tetracosane (C24)

R.T.: 15.279 min
Delta R.T.: -0.001 min
Response: 1303375
Conc: 10.21 ug/ml



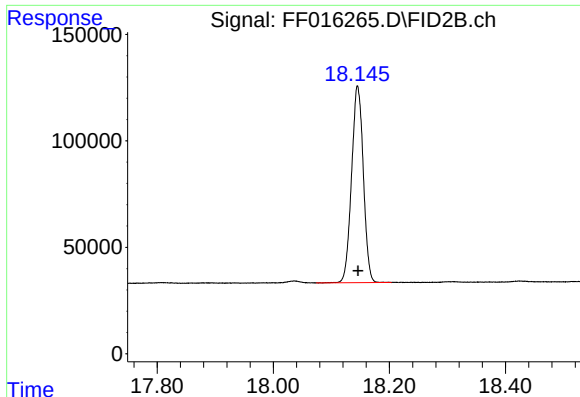
#15 n-Hexacosane (C26)

R.T.: 16.303 min
Delta R.T.: -0.001 min
Response: 1277357
Conc: 10.22 ug/ml



#16 n-Octacosane (C28)

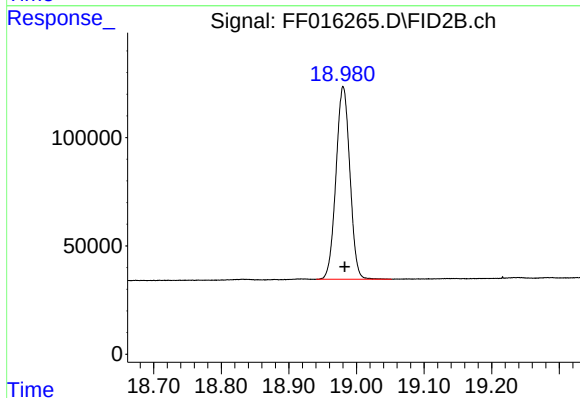
R.T.: 17.255 min
Delta R.T.: -0.001 min
Response: 1257908
Conc: 10.24 ug/ml



#17 n-Tricontane (C30)

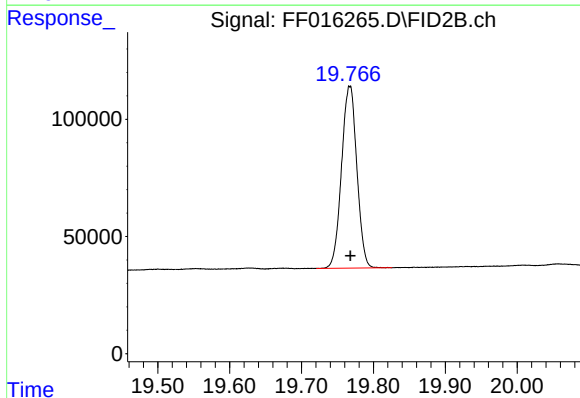
R.T.: 18.145 min
Delta R.T.: 0.000 min
Response: 1296429
Conc: 10.35 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



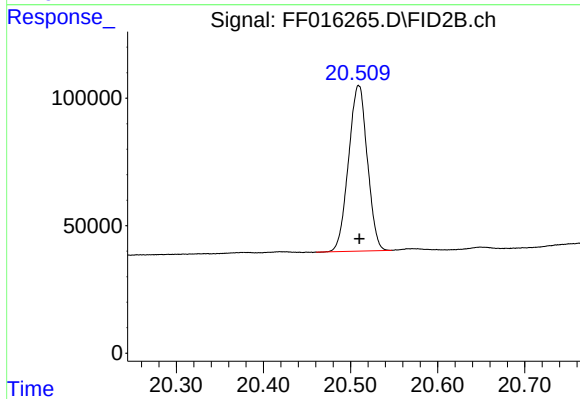
#18 n-Dotriacontane (C32)

R.T.: 18.980 min
Delta R.T.: -0.002 min
Response: 1268227
Conc: 10.46 ug/ml



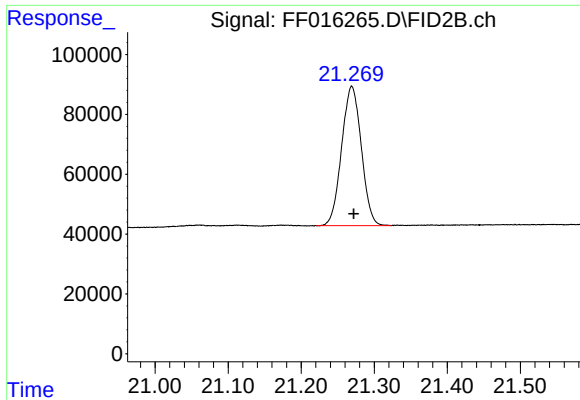
#19 n-Tetratriacontane (C34)

R.T.: 19.767 min
Delta R.T.: -0.001 min
Response: 1147980
Conc: 10.45 ug/ml



#20 n-Hexatriacontane (C36)

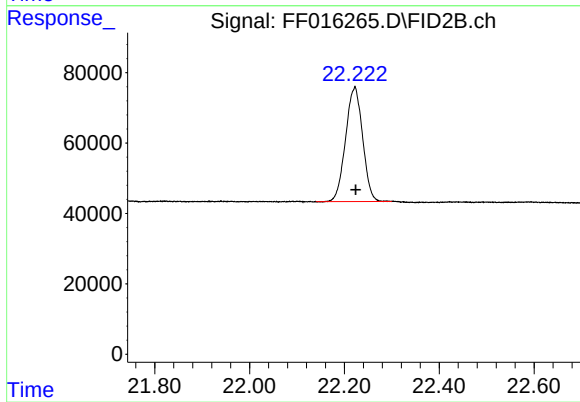
R.T.: 20.509 min
Delta R.T.: 0.000 min
Response: 973359
Conc: 10.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.269 min
Delta R.T.: -0.003 min
Response: 871847
Conc: 10.37 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.222 min
Delta R.T.: -0.002 min
Response: 810646
Conc: 10.33 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
 Data File : FF016265.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 15:56
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.334	3.280	3.404	BB	118220	1182101	80.07%	4.422%
2	4.595	4.534	4.687	BB	119784	1203387	81.51%	4.502%
3	6.305	6.275	6.420	BB	131385	1331210	90.17%	4.980%
4	6.772	6.735	6.844	BB	120065	1218300	82.52%	4.558%
5	7.405	7.364	7.525	BB	123611	1291875	87.50%	4.833%
6	8.606	8.572	8.685	BB	112310	1221539	82.74%	4.570%
7	10.215	10.190	10.295	BB	114328	1263745	85.60%	4.728%
8	11.661	11.630	11.734	BB	115215	1314285	89.02%	4.917%
9	11.978	11.922	12.055	BB	134927	1476393	100.00%	5.523%
10	12.973	12.934	13.042	BB	105989	1302490	88.22%	4.873%
11	13.419	13.390	13.469	BB	96562	1132546	76.71%	4.237%
12	13.586	13.540	13.649	BB	106090	1292641	87.55%	4.836%
13	14.173	14.117	14.234	BB	104220	1292166	87.52%	4.834%
14	15.279	15.240	15.342	BB	98882	1303375	88.28%	4.876%
15	16.303	16.270	16.364	BB	97070	1277357	86.52%	4.779%
16	17.255	17.200	17.312	BB	90458	1257908	85.20%	4.706%
17	18.145	18.074	18.204	BB	92244	1296429	87.81%	4.850%
18	18.980	18.940	19.052	BB	88959	1268227	85.90%	4.745%
19	19.767	19.720	19.825	BB	77446	1147980	77.76%	4.295%
20	20.509	20.460	20.547	BV	65099	973359	65.93%	3.641%
21	21.269	21.220	21.324	BB	46631	871847	59.05%	3.262%
22	22.222	22.140	22.300	BBA	32665	810646	54.91%	3.033%
Sum of corrected areas:							26729805	

Aliphatic EPH 082825.M Fri Aug 29 04:26:10 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
 Data File : FF016266.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 16:26
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 29 03:23:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 03:19:37 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)	11.977	774930	5.401 ug/ml
Spiked Amount 50.000		Recovery =	10.80%
12) S 1-chlorooctadecane (S...	13.418	592312	5.329 ug/ml
Spiked Amount 50.000		Recovery =	10.66%
Target Compounds			
1) T n-Nonane (C9)	3.334	630346	5.437 ug/ml
2) T n-Decane (C10)	4.595	627169	5.322 ug/ml
3) T A~Naphthalene (C11.7)	6.305	686429	5.284 ug/ml
4) T n-Dodecane (C12)	6.771	635876	5.335 ug/ml
5) T A~2-methylnaphthalene...	7.405	668947	5.287 ug/ml
6) T n-Tetradecane (C14)	8.605	642396	5.377 ug/ml
7) T n-Hexadecane (C16)	10.215	663624	5.356 ug/ml
8) T n-Octadecane (C18)	11.660	689221	5.343 ug/ml
10) T n-Eicosane (C20)	12.973	684861	5.376 ug/ml
11) T n-Heneicosane (C21)	13.586	681307	5.387 ug/ml
13) T n-Docosane (C22)	14.173	677901	5.352 ug/ml
14) T n-Tetracosane (C24)	15.279	685708	5.371 ug/ml
15) T n-Hexacosane (C26)	16.303	664595	5.319 ug/ml
16) T n-Octacosane (C28)	17.255	657220	5.349 ug/ml
17) T n-Tricontane (C30)	18.145	680791	5.436 ug/ml
18) T n-Dotriacontane (C32)	18.980	677307	5.584 ug/ml
19) T n-Tetratriacontane (C34)	19.766	605465	5.512 ug/ml
20) T n-Hexatriacontane (C36)	20.508	509644	5.424 ug/ml
21) T n-Octatriacontane (C38)	21.269	456870	5.432 ug/ml
22) T n-Tetracontane (C40)	22.221	416549	5.311 ug/ml

(f)=RT Delta > 1/2 Window

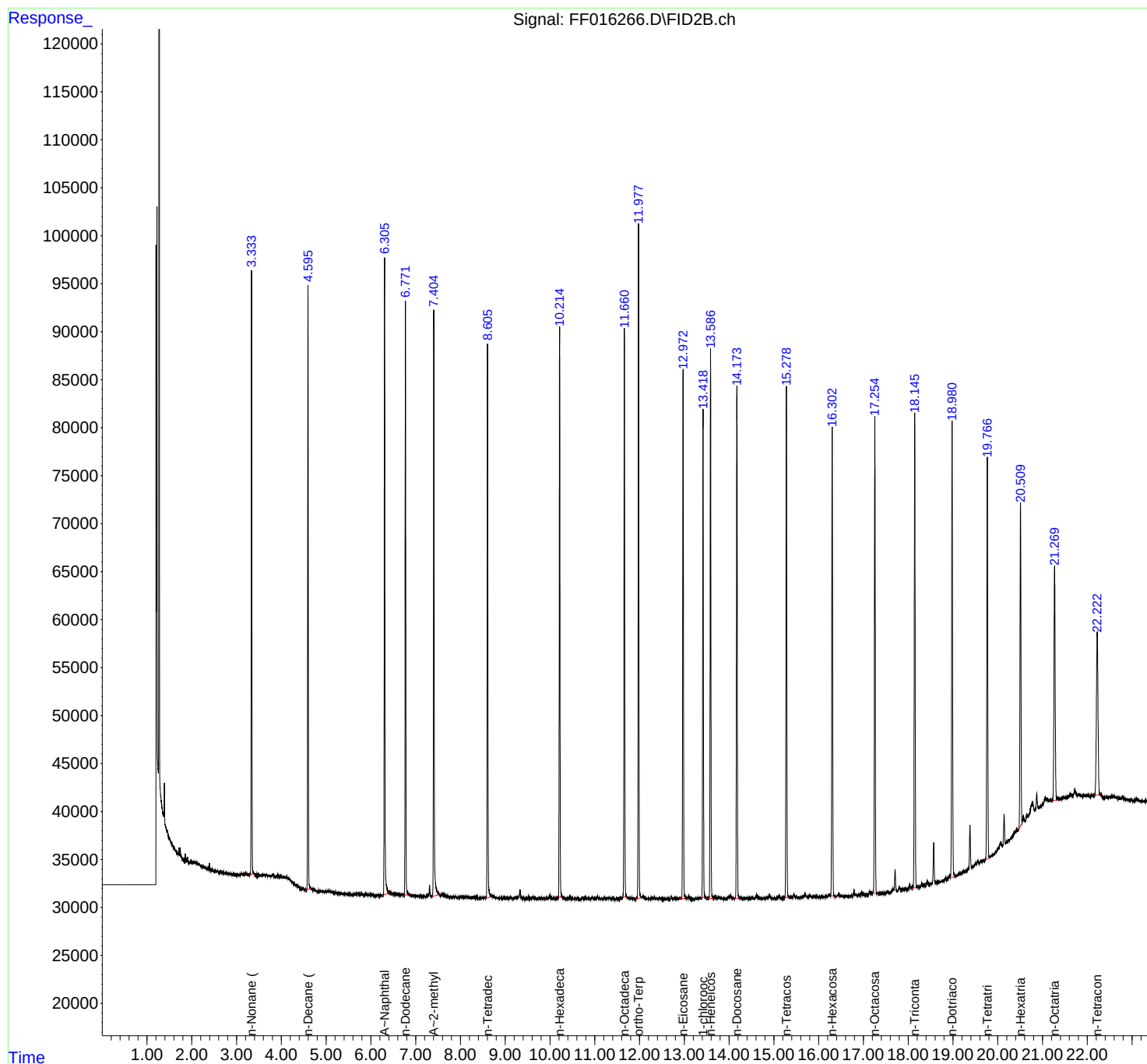
(m)=manual int.

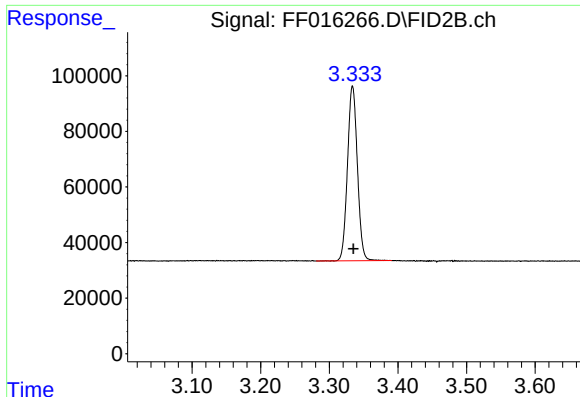
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
Data File : FF016266.D
Signal(s) : FID2B.ch
Acq On : 28 Aug 2025 16:26
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Aug 29 03:23:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 03:19:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

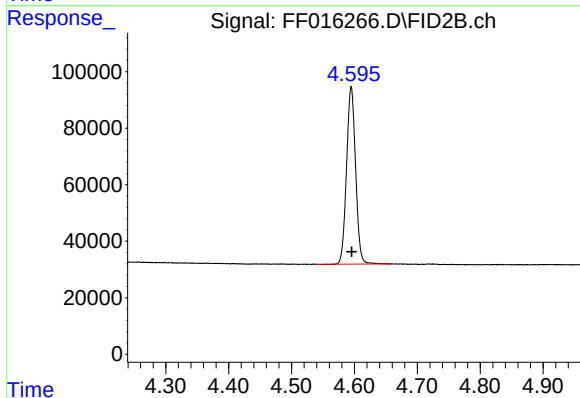




#1 n-Nonane (C9)

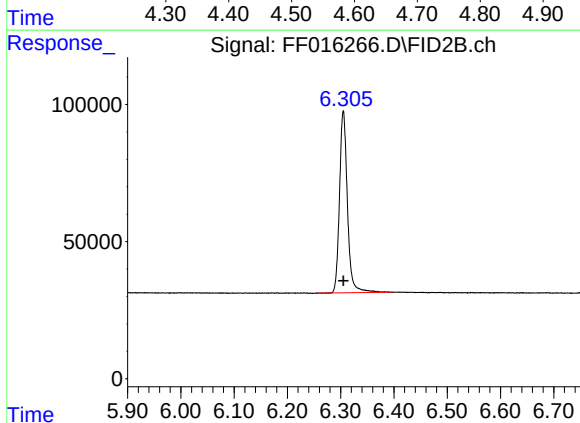
R.T.: 3.334 min
Delta R.T.: -0.001 min
Response: 630346
Conc: 5.44 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



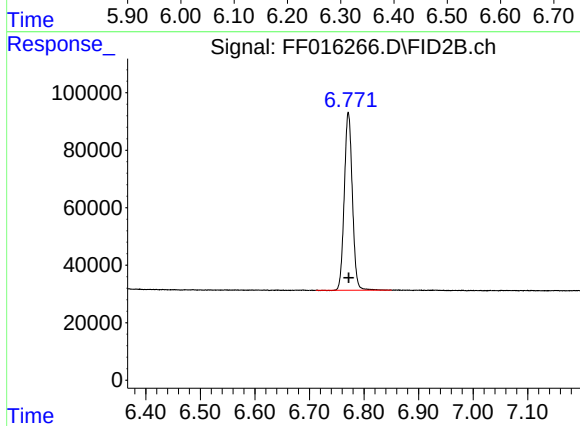
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 627169
Conc: 5.32 ug/ml



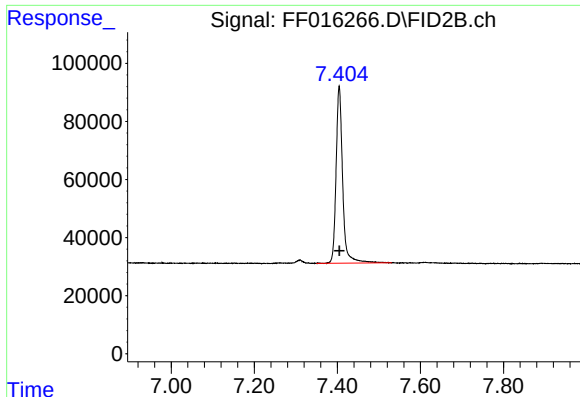
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 686429
Conc: 5.28 ug/ml



#4 n-Dodecane (C12)

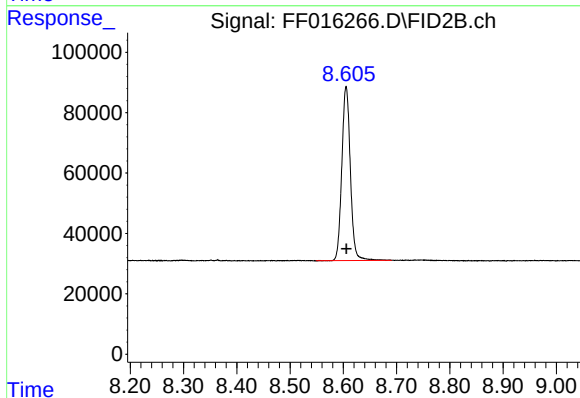
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 635876
Conc: 5.34 ug/ml



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

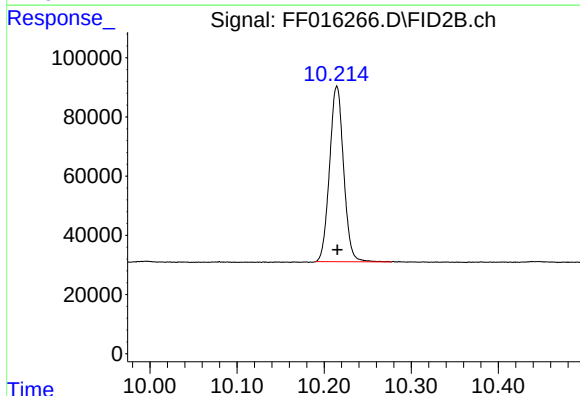
R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 668947
Conc: 5.29 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



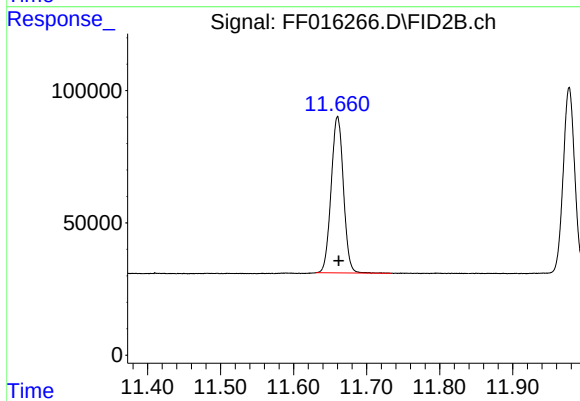
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: 0.000 min
Response: 642396
Conc: 5.38 ug/ml



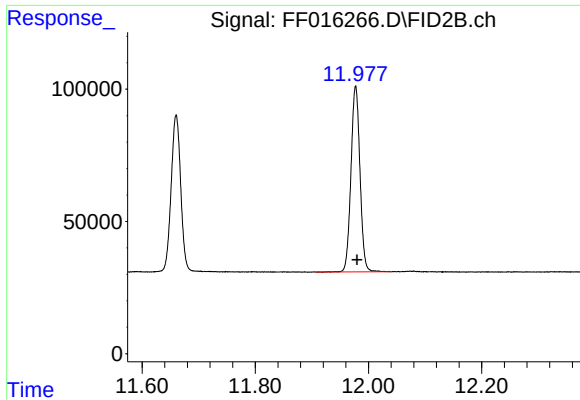
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.000 min
Response: 663624
Conc: 5.36 ug/ml



#8 n-Octadecane (C18)

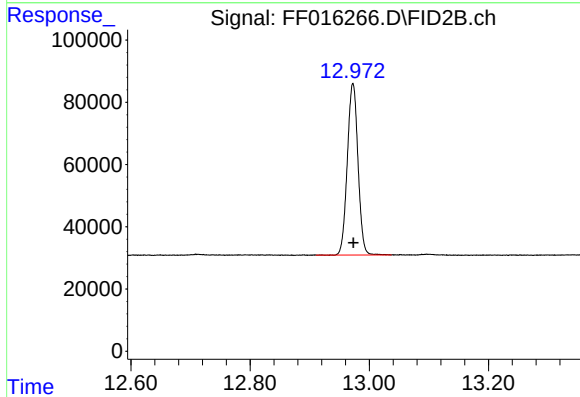
R.T.: 11.660 min
Delta R.T.: -0.002 min
Response: 689221
Conc: 5.34 ug/ml



#9 ortho-Terphenyl (SURR)

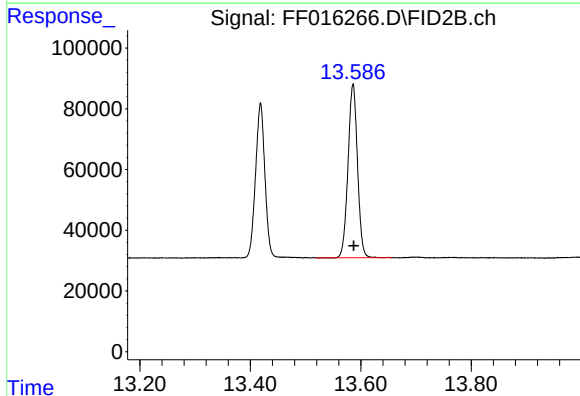
R.T.: 11.977 min
Delta R.T.: -0.002 min
Response: 774930
Conc: 5.40 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



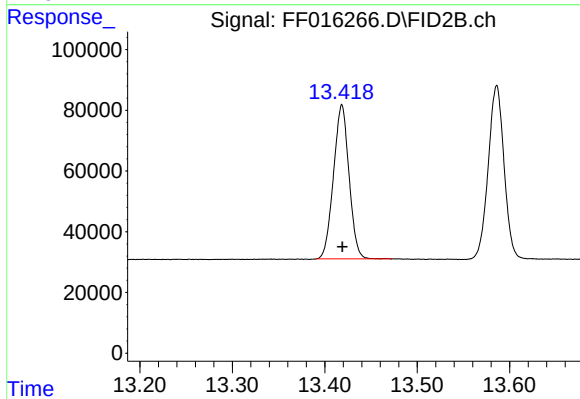
#10 n-Eicosane (C20)

R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 684861
Conc: 5.38 ug/ml



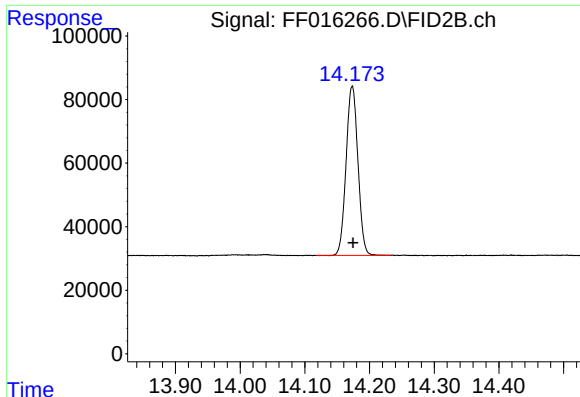
#11 n-Heneicosane (C21)

R.T.: 13.586 min
Delta R.T.: -0.002 min
Response: 681307
Conc: 5.39 ug/ml



#12 1-chlorooctadecane (SURR)

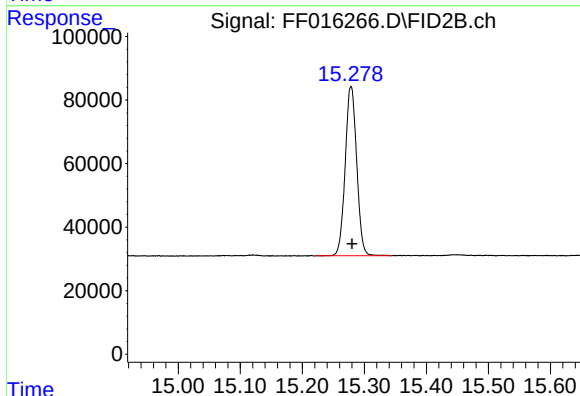
R.T.: 13.418 min
Delta R.T.: 0.000 min
Response: 592312
Conc: 5.33 ug/ml



#13 n-Docosane (C22)

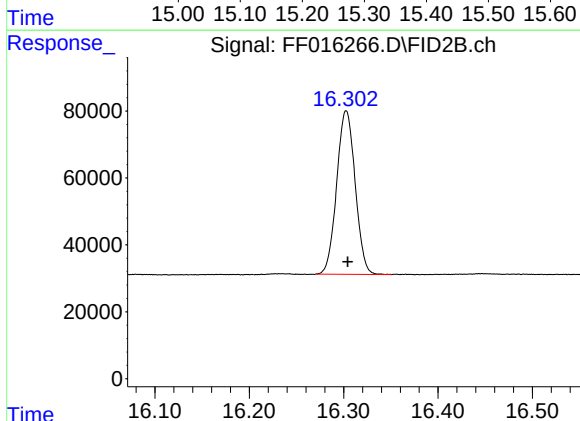
R.T.: 14.173 min
Delta R.T.: -0.001 min
Response: 677901
Conc: 5.35 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



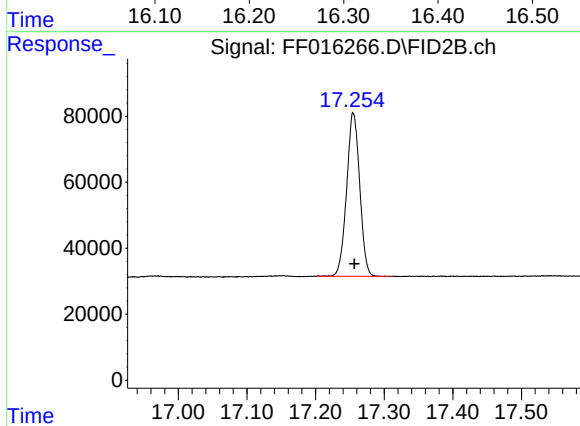
#14 n-Tetracosane (C24)

R.T.: 15.279 min
Delta R.T.: -0.002 min
Response: 685708
Conc: 5.37 ug/ml



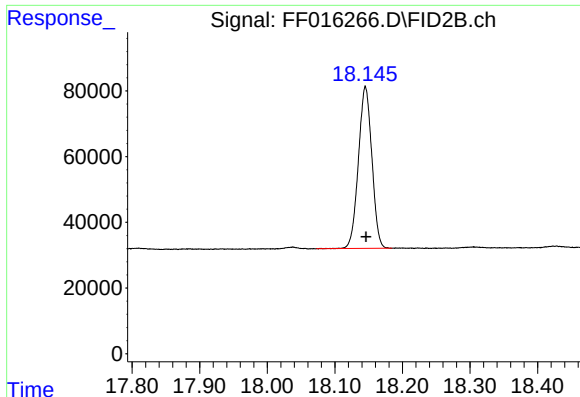
#15 n-Hexacosane (C26)

R.T.: 16.303 min
Delta R.T.: -0.001 min
Response: 664595
Conc: 5.32 ug/ml



#16 n-Octacosane (C28)

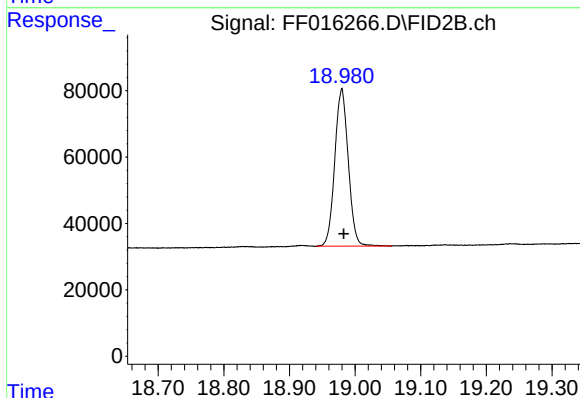
R.T.: 17.255 min
Delta R.T.: -0.001 min
Response: 657220
Conc: 5.35 ug/ml



#17 n-Tricontane (C30)

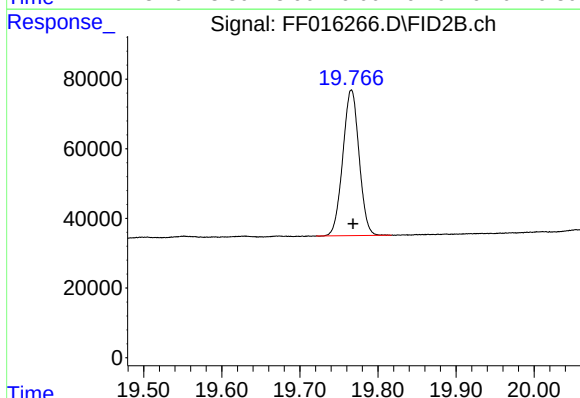
R.T.: 18.145 min
Delta R.T.: -0.001 min
Response: 680791
Conc: 5.44 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



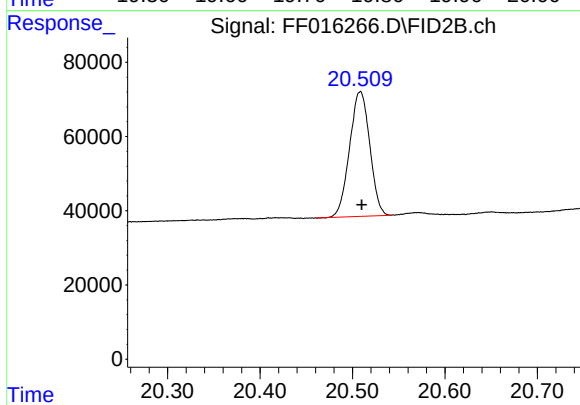
#18 n-Dotriacontane (C32)

R.T.: 18.980 min
Delta R.T.: -0.003 min
Response: 677307
Conc: 5.58 ug/ml



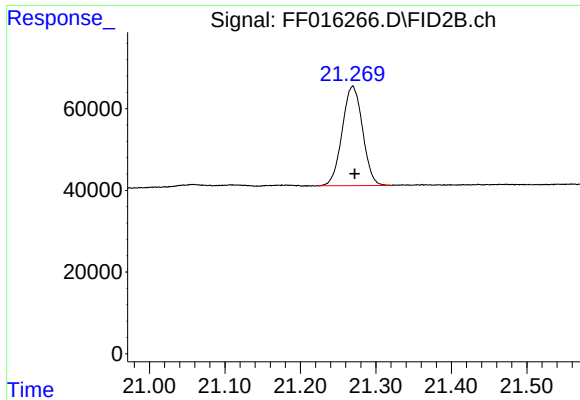
#19 n-Tetratriacontane (C34)

R.T.: 19.766 min
Delta R.T.: -0.002 min
Response: 605465
Conc: 5.51 ug/ml



#20 n-Hexatriacontane (C36)

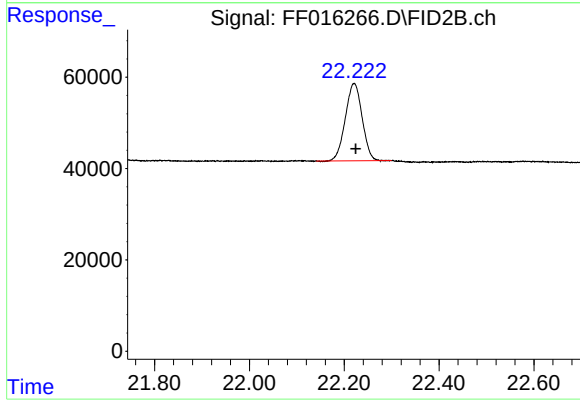
R.T.: 20.508 min
Delta R.T.: -0.002 min
Response: 509644
Conc: 5.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.269 min
Delta R.T.: -0.003 min
Response: 456870
Conc: 5.43 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.221 min
Delta R.T.: -0.003 min
Response: 416549
Conc: 5.31 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
Data File : FF016266.D
Signal(s) : FID2B.ch
Acq On : 28 Aug 2025 16:26
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.334	3.281	3.391	BB	62830	630346	81.34%	4.499%
2	4.595	4.539	4.659	BB	62920	627169	80.93%	4.477%
3	6.305	6.254	6.396	BB	66396	686429	88.58%	4.900%
4	6.771	6.712	6.851	BB	61941	635876	82.06%	4.539%
5	7.405	7.349	7.531	BB	60948	668947	86.32%	4.775%
6	8.605	8.549	8.691	BB	57701	642396	82.90%	4.585%
7	10.215	10.191	10.277	BB	59190	663624	85.64%	4.737%
8	11.660	11.631	11.734	BB	59242	689221	88.94%	4.920%
9	11.977	11.907	12.041	BB	70347	774930	100.00%	5.531%
10	12.973	12.911	13.037	BB	55185	684861	88.38%	4.889%
11	13.418	13.391	13.472	BB	50973	592312	76.43%	4.228%
12	13.586	13.519	13.656	BB	57235	681307	87.92%	4.863%
13	14.173	14.117	14.234	BB	53226	677901	87.48%	4.839%
14	15.279	15.222	15.344	BB	53315	685708	88.49%	4.895%
15	16.303	16.271	16.351	BB	48906	664595	85.76%	4.744%
16	17.255	17.201	17.311	BB	49191	657220	84.81%	4.691%
17	18.145	18.072	18.184	BB	49250	680791	87.85%	4.860%
18	18.980	18.941	19.056	BB	47317	677307	87.40%	4.835%
19	19.766	19.721	19.817	BB	41819	605465	78.13%	4.322%
20	20.508	20.461	20.542	BV	33744	509644	65.77%	3.638%
21	21.269	21.221	21.321	BB	24388	456870	58.96%	3.261%
22	22.221	22.141	22.300	BBA	16899	416549	53.75%	2.973%
Sum of corrected areas:							14009467	

Aliphatic EPH 082825.M Fri Aug 29 04:26:35 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
 Data File : FF016267.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 17:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 29 04:16:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 03:35:42 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	2792550	19.308 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
12) S 1-chlorooctadecane (S...	13.420	2145872	19.238 ug/ml
Spiked Amount 50.000		Recovery =	38.48%
Target Compounds			
1) T n-Nonane (C9)	3.334	2282664	19.524 ug/ml
2) T n-Decane (C10)	4.595	2320922	19.594 ug/ml
3) T A~Naphthalene (C11.7)	6.305	2560320	19.604 ug/ml
4) T n-Dodecane (C12)	6.772	2348512	19.566 ug/ml
5) T A~2-methylnaphthalene...	7.405	2491661	19.570 ug/ml
6) T n-Tetradecane (C14)	8.605	2349131	19.495 ug/ml
7) T n-Hexadecane (C16)	10.215	2414759	19.336 ug/ml
8) T n-Octadecane (C18)	11.661	2506433	19.350 ug/ml
10) T n-Eicosane (C20)	12.973	2467275	19.295 ug/ml
11) T n-Heneicosane (C21)	13.587	2444941	19.257 ug/ml
13) T n-Docosane (C22)	14.175	2444317	19.252 ug/ml
14) T n-Tetracosane (C24)	15.280	2463082	19.255 ug/ml
15) T n-Hexacosane (C26)	16.305	2418460	19.347 ug/ml
16) T n-Octacosane (C28)	17.257	2380518	19.429 ug/ml
17) T n-Tricontane (C30)	18.146	2443784	19.622 ug/ml
18) T n-Dotriacontane (C32)	18.983	2376371	19.716 ug/ml
19) T n-Tetratriacontane (C34)	19.768	2164324	19.847 ug/ml
20) T n-Hexatriacontane (C36)	20.510	1857344	19.900 ug/ml
21) T n-Octatriacontane (C38)	21.270	1673256	19.896 ug/ml
22) T n-Tetracontane (C40)	22.222	1565379	19.939 ug/ml

(f)=RT Delta > 1/2 Window

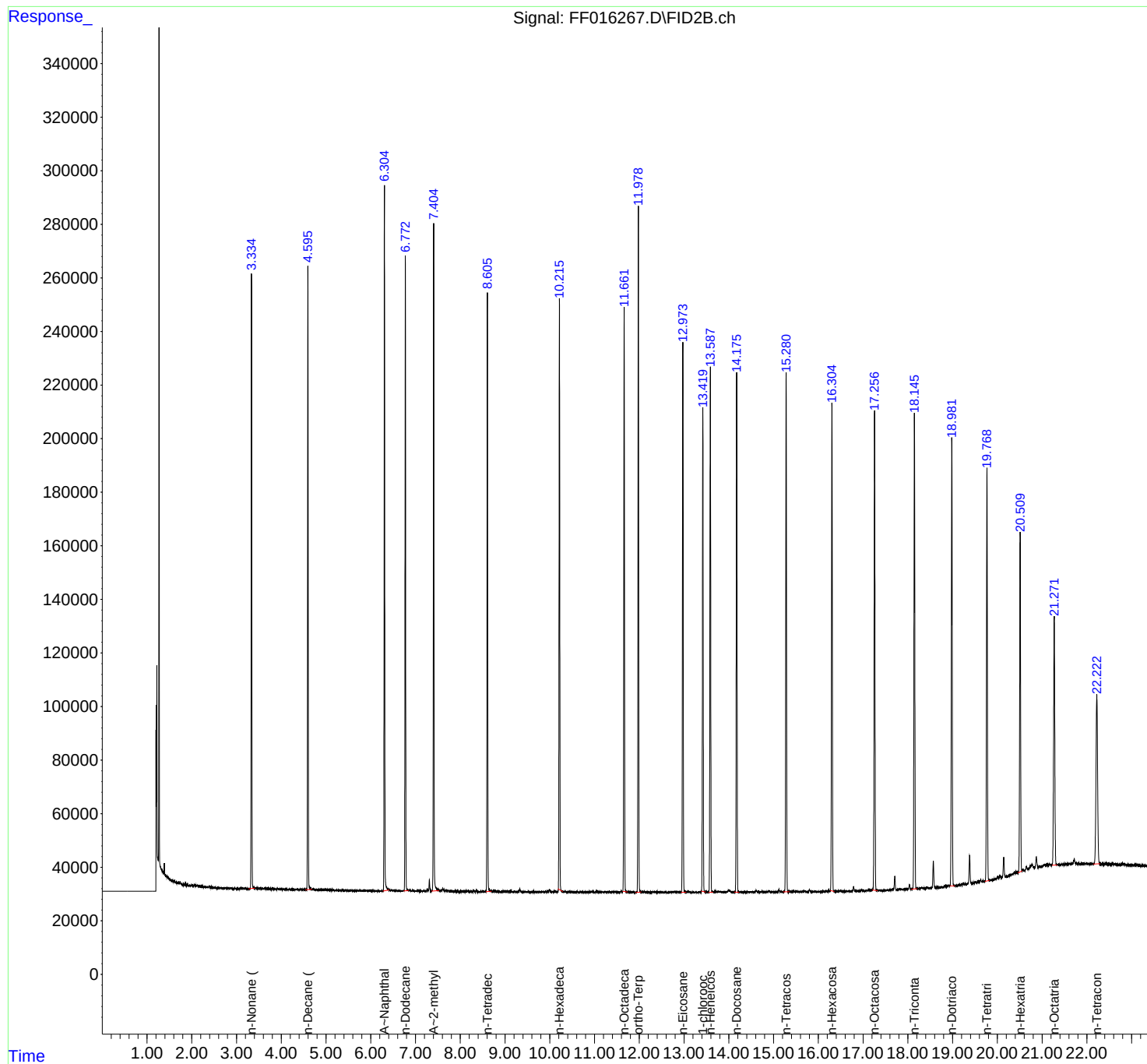
(m)=manual int.

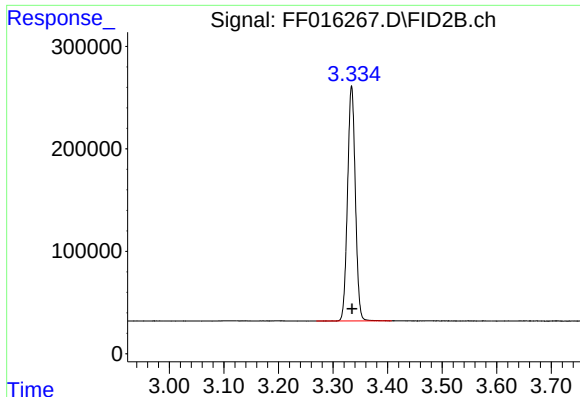
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
Data File : FF016267.D
Signal(s) : FID2B.ch
Acq On : 28 Aug 2025 17:25
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Aug 29 04:16:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 03:35:42 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)

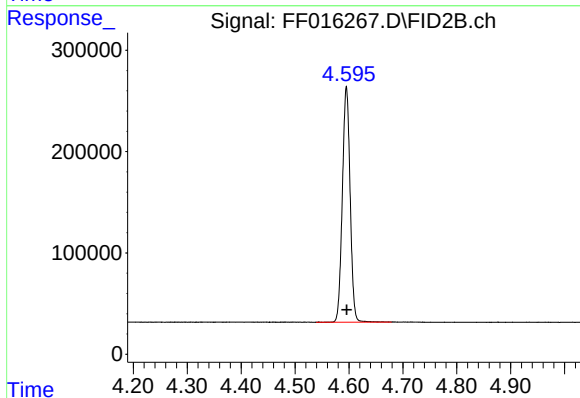
R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 2282664
Conc: 19.52 ug/ml

Instrument :

FID_F

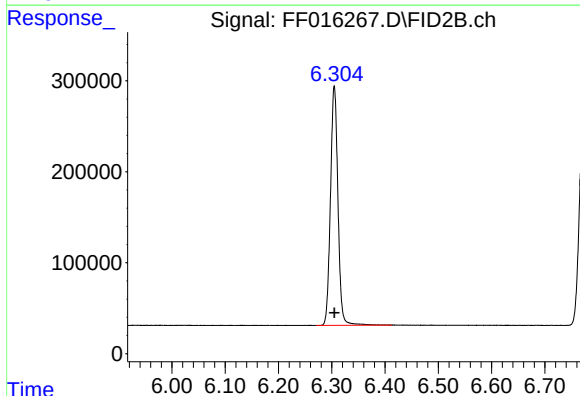
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



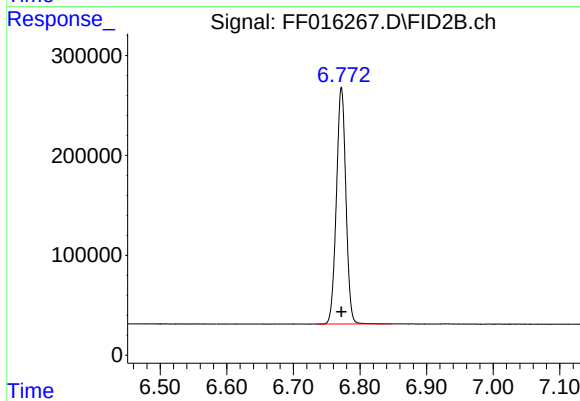
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 2320922
Conc: 19.59 ug/ml



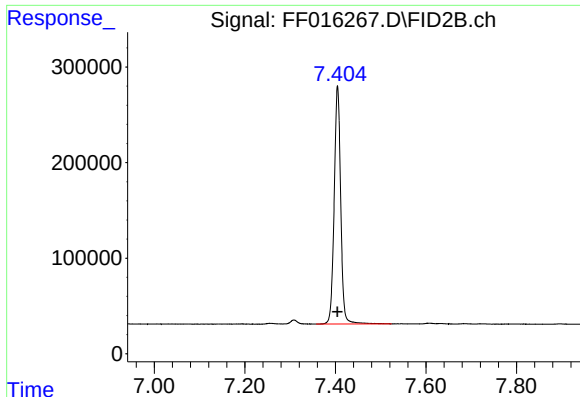
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 2560320
Conc: 19.60 ug/ml



#4 n-Dodecane (C12)

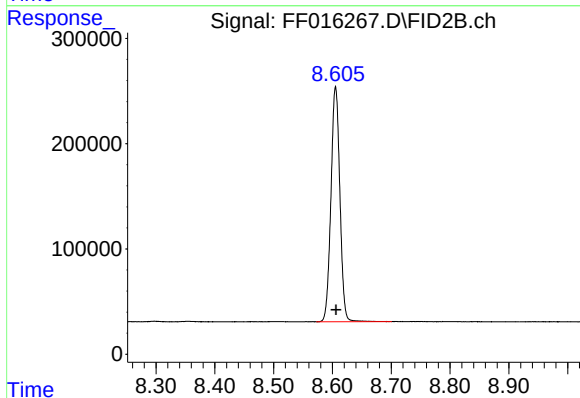
R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 2348512
Conc: 19.57 ug/ml



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

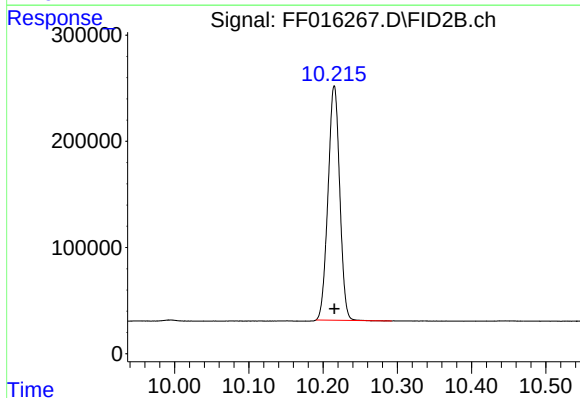
R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 2491661
Conc: 19.57 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



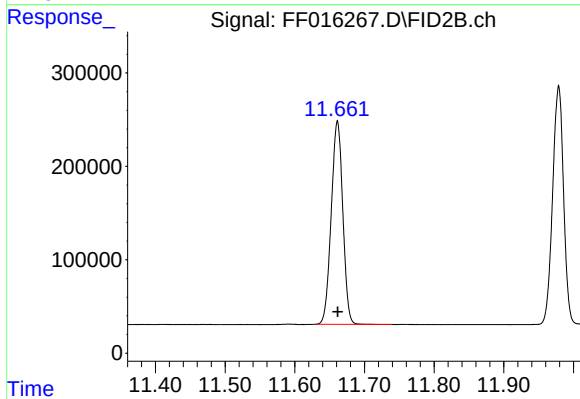
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: 0.000 min
Response: 2349131
Conc: 19.49 ug/ml



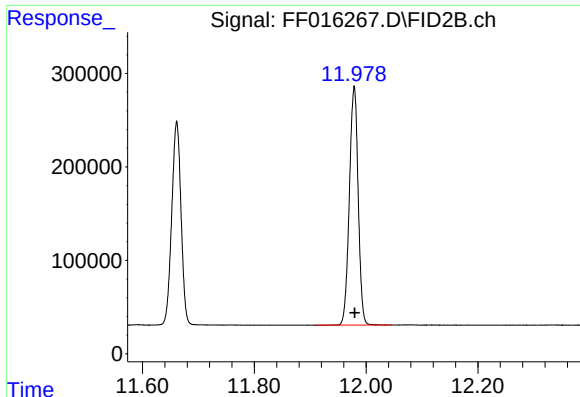
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.000 min
Response: 2414759
Conc: 19.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.661 min
Delta R.T.: 0.000 min
Response: 2506433
Conc: 19.35 ug/ml



#9 ortho-Terphenyl (SURR)

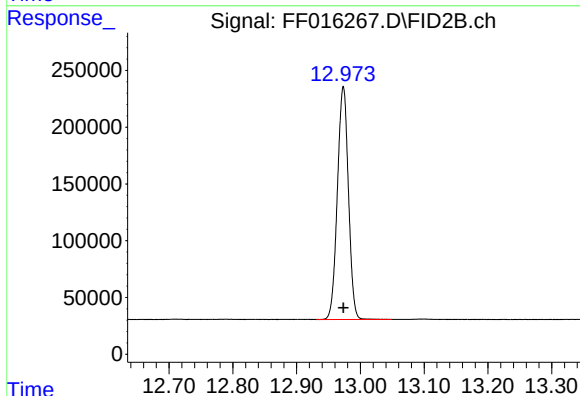
R.T.: 11.979 min
Delta R.T.: 0.000 min
Response: 2792550
Conc: 19.31 ug/ml

Instrument :

FID_F

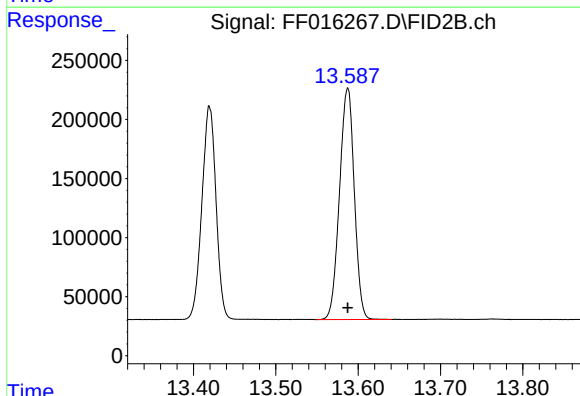
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



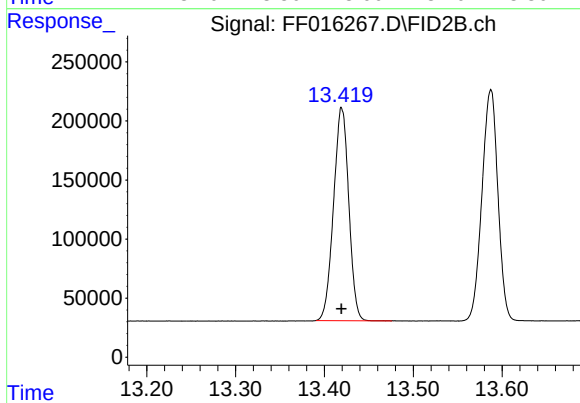
#10 n-Eicosane (C20)

R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 2467275
Conc: 19.30 ug/ml



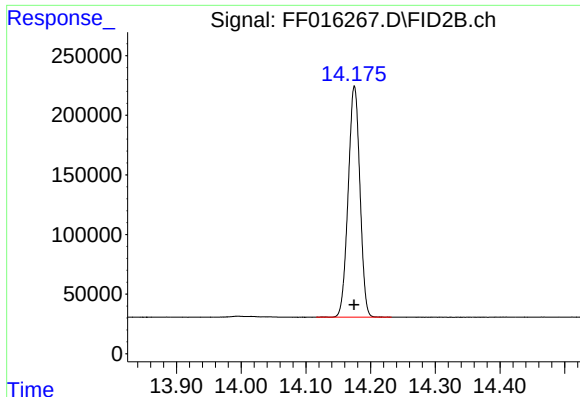
#11 n-Heneicosane (C21)

R.T.: 13.587 min
Delta R.T.: 0.000 min
Response: 2444941
Conc: 19.26 ug/ml



#12 1-chlorooctadecane (SURR)

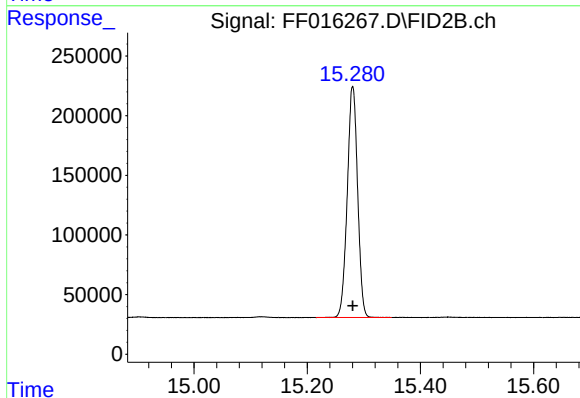
R.T.: 13.420 min
Delta R.T.: 0.000 min
Response: 2145872
Conc: 19.24 ug/ml



#13 n-Docosane (C22)

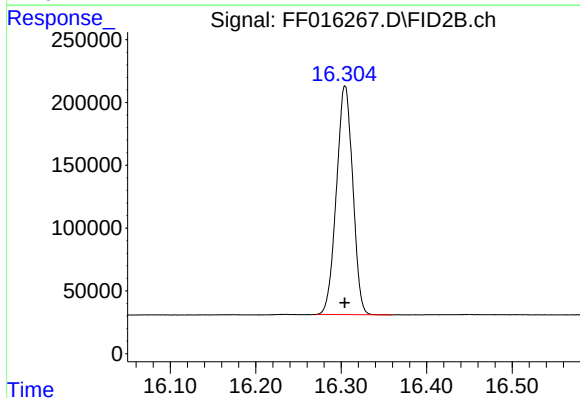
R.T.: 14.175 min
Delta R.T.: 0.000 min
Response: 2444317
Conc: 19.25 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



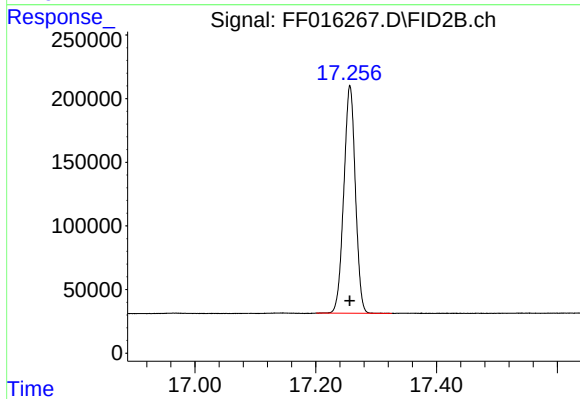
#14 n-Tetracosane (C24)

R.T.: 15.280 min
Delta R.T.: 0.000 min
Response: 2463082
Conc: 19.26 ug/ml



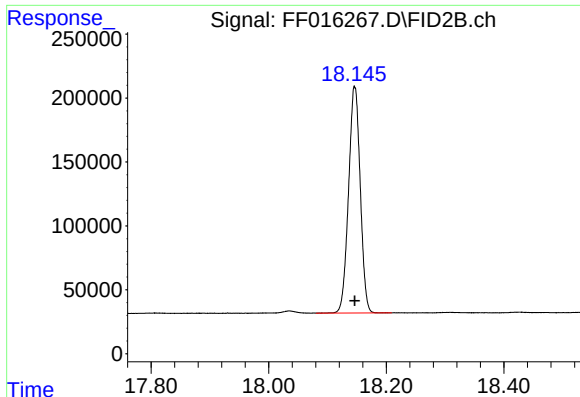
#15 n-Hexacosane (C26)

R.T.: 16.305 min
Delta R.T.: 0.000 min
Response: 2418460
Conc: 19.35 ug/ml



#16 n-Octacosane (C28)

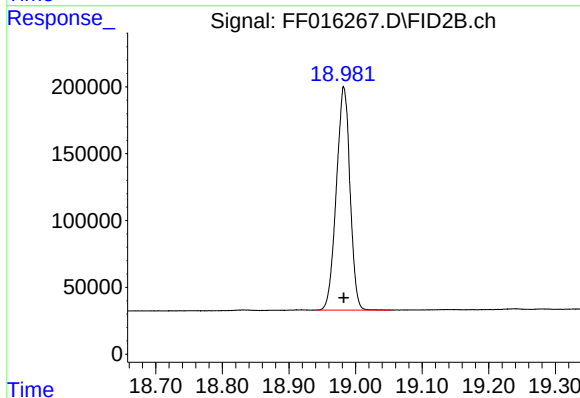
R.T.: 17.257 min
Delta R.T.: 0.000 min
Response: 2380518
Conc: 19.43 ug/ml



#17 n-Tricontane (C30)

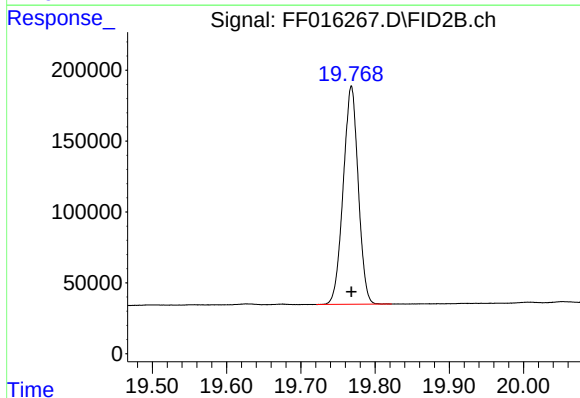
R.T.: 18.146 min
Delta R.T.: 0.000 min
Response: 2443784
Conc: 19.62 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



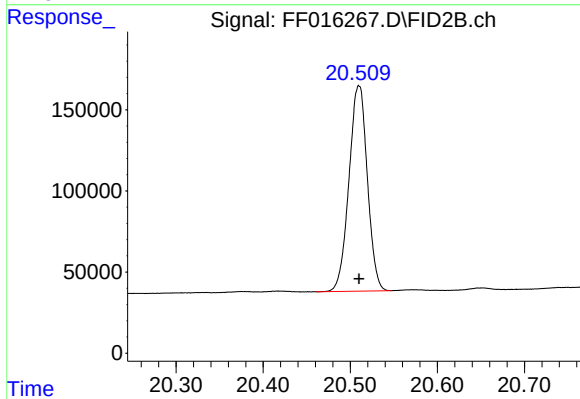
#18 n-Dotriacontane (C32)

R.T.: 18.983 min
Delta R.T.: 0.000 min
Response: 2376371
Conc: 19.72 ug/ml



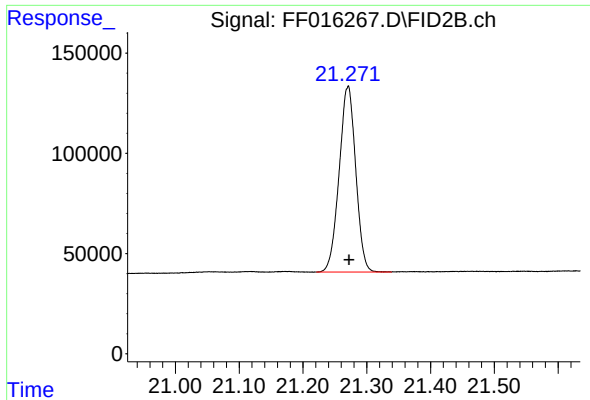
#19 n-Tetratriacontane (C34)

R.T.: 19.768 min
Delta R.T.: 0.000 min
Response: 2164324
Conc: 19.85 ug/ml



#20 n-Hexatriacontane (C36)

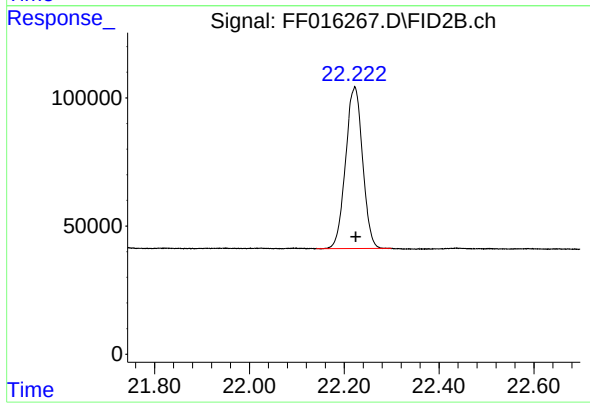
R.T.: 20.510 min
Delta R.T.: 0.000 min
Response: 1857344
Conc: 19.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.270 min
Delta R.T.: -0.002 min
Response: 1673256
Conc: 19.90 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.222 min
Delta R.T.: -0.002 min
Response: 1565379
Conc: 19.94 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
 Data File : FF016267.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 17:25
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.334	3.269	3.407	BB	229416	2282664	81.74%	4.484%
2	4.595	4.539	4.679	BB	232392	2320922	83.11%	4.559%
3	6.305	6.271	6.412	BB	263560	2560320	91.68%	5.029%
4	6.772	6.734	6.847	BB	236679	2348512	84.10%	4.613%
5	7.405	7.357	7.524	BB	249277	2491661	89.23%	4.894%
6	8.605	8.572	8.701	BB	223145	2349131	84.12%	4.614%
7	10.215	10.191	10.292	BB	221160	2414759	86.47%	4.743%
8	11.661	11.631	11.739	BB	217457	2506433	89.75%	4.923%
9	11.979	11.911	12.046	BB	256639	2792550	100.00%	5.485%
10	12.973	12.931	13.049	BB	205135	2467275	88.35%	4.846%
11	13.420	13.391	13.476	BB	180588	2145872	76.84%	4.215%
12	13.587	13.549	13.641	BB	196155	2444941	87.55%	4.802%
13	14.175	14.116	14.232	BB	193834	2444317	87.53%	4.801%
14	15.280	15.216	15.349	BB	193694	2463082	88.20%	4.838%
15	16.305	16.271	16.359	BB	182275	2418460	86.60%	4.750%
16	17.257	17.201	17.326	BB	178623	2380518	85.25%	4.676%
17	18.146	18.081	18.209	BB	177447	2443784	87.51%	4.800%
18	18.983	18.941	19.054	BB	166727	2376371	85.10%	4.668%
19	19.768	19.721	19.822	BB	153916	2164324	77.50%	4.251%
20	20.510	20.461	20.547	BV	126781	1857344	66.51%	3.648%
21	21.270	21.221	21.339	BB	92839	1673256	59.92%	3.287%
22	22.222	22.141	22.300	BBA	63284	1565379	56.06%	3.075%
Sum of corrected areas:						50911873		

Aliphatic EPH 082825.M Fri Aug 29 04:27:24 2025

Initial Calibration Report for SequenceID : FG082825AL

AreaCount

Parameter Range	FG016428.D	FG016429.D	FG016430.D	FG016431.D	FG016432.D	
Aliphatic C9-C12	32506303.000	16595078.000	6814891.000	3526302.000	1854481.000	
Aliphatic C12-C16	22138335.000	11327634.000	4642168.000	2411799.000	1262554.000	
Aliphatic C16-C21	33072025.000	16981194.000	6965557.000	3621712.000	1906604.000	
Aliphatic C21-C28	41856362.000	21556838.000	8838591.000	4591747.000	2424798.000	
Aliphatic C28-C40	49881138.000	25753182.000	10779544.000	5663649.000	3036570.000	
Aliphatic EPH	179454163.000	92213926.000	38040751.000	19815209.000	10485007.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	114749.0359996	5.263				
Aliphatic C12-C16	117373.513	5.259				
Aliphatic C16-C21	117474.265333	5.643				
Aliphatic C21-C28	111788.2115	5.783				
Aliphatic C28-C40	90884.3706666	7.89				
Aliphatic EPH	106881.9999994	6.196				

Concentration

Parameter Range	FG016428.D	FG016429.D	FG016430.D	FG016431.D	FG016432.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	FG016428.D	FG016429.D	FG016430.D	FG016431.D	FG016432.D	
Aliphatic C9-C12	108354.343333	110633.853333	113581.516666	117543.400000	123632.066666	
Aliphatic C12-C16	110691.675000	113276.340000	116054.200000	120589.950000	126255.400000	
Aliphatic C16-C21	110240.083333	113207.960000	116092.616666	120723.733333	127106.933333	

Initial Calibration Report for SequenceID : FG082825AL

Aliphatic C21-C28	104640.905000	107784.190000	110482.387500	114793.675000	121239.900000	
Aliphatic C28-C40	83135.230000	85843.940000	89829.533333	94394.150000	101219.000000	
Aliphatic EPH	99696.757222	102459.917777	105668.752777	110084.494444	116500.077777	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
 Data File : FG016428.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 09:33
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 28 11:14:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 11:12:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.087	12456348	97.424 ug/ml
Spiked Amount 50.000		Recovery =	194.85%
12) S 1-chlorooctadecane (S...	13.529	9489485	97.617 ug/ml
Spiked Amount 50.000		Recovery =	195.23%
Target Compounds			
1) T n-Nonane (C9)	3.398	10659824	97.526 ug/ml
2) T n-Decane (C10)	4.661	10873395	97.723 ug/ml
3) T A~Naphthalene (C11.7)	6.383	11793800	97.426 ug/ml
4) T n-Dodecane (C12)	6.843	10973084	97.683 ug/ml
5) T A~2-methylnaphthalene...	7.487	11519297	98.209 ug/ml
6) T n-Tetradecane (C14)	8.685	10896406	97.677 ug/ml
7) T n-Hexadecane (C16)	10.305	11241929	97.594 ug/ml
8) T n-Octadecane (C18)	11.761	11351104	97.443 ug/ml
10) T n-Eicosane (C20)	13.079	10939524	97.356 ug/ml
11) T n-Heneicosane (C21)	13.696	10781397	97.443 ug/ml
13) T n-Docosane (C22)	14.287	10721937	97.401 ug/ml
14) T n-Tetracosane (C24)	15.399	10647988	97.288 ug/ml
15) T n-Hexacosane (C26)	16.427	10397332	97.228 ug/ml
16) T n-Octacosane (C28)	17.383	10089105	97.216 ug/ml
17) T n-Tricontane (C30)	18.277	10037248	96.439 ug/ml
18) T n-Dotriacontane (C32)	19.114	9522175	95.802 ug/ml
19) T n-Tetratriacontane (C34)	19.903	8736024	95.968 ug/ml
20) T n-Hexatriacontane (C36)	20.646	7675633	96.112 ug/ml
21) T n-Octatriacontane (C38)	21.434	7084807	96.306 ug/ml
22) T n-Tetracontane (C40)	22.435	6825251	96.179 ug/ml

(f)=RT Delta > 1/2 Window

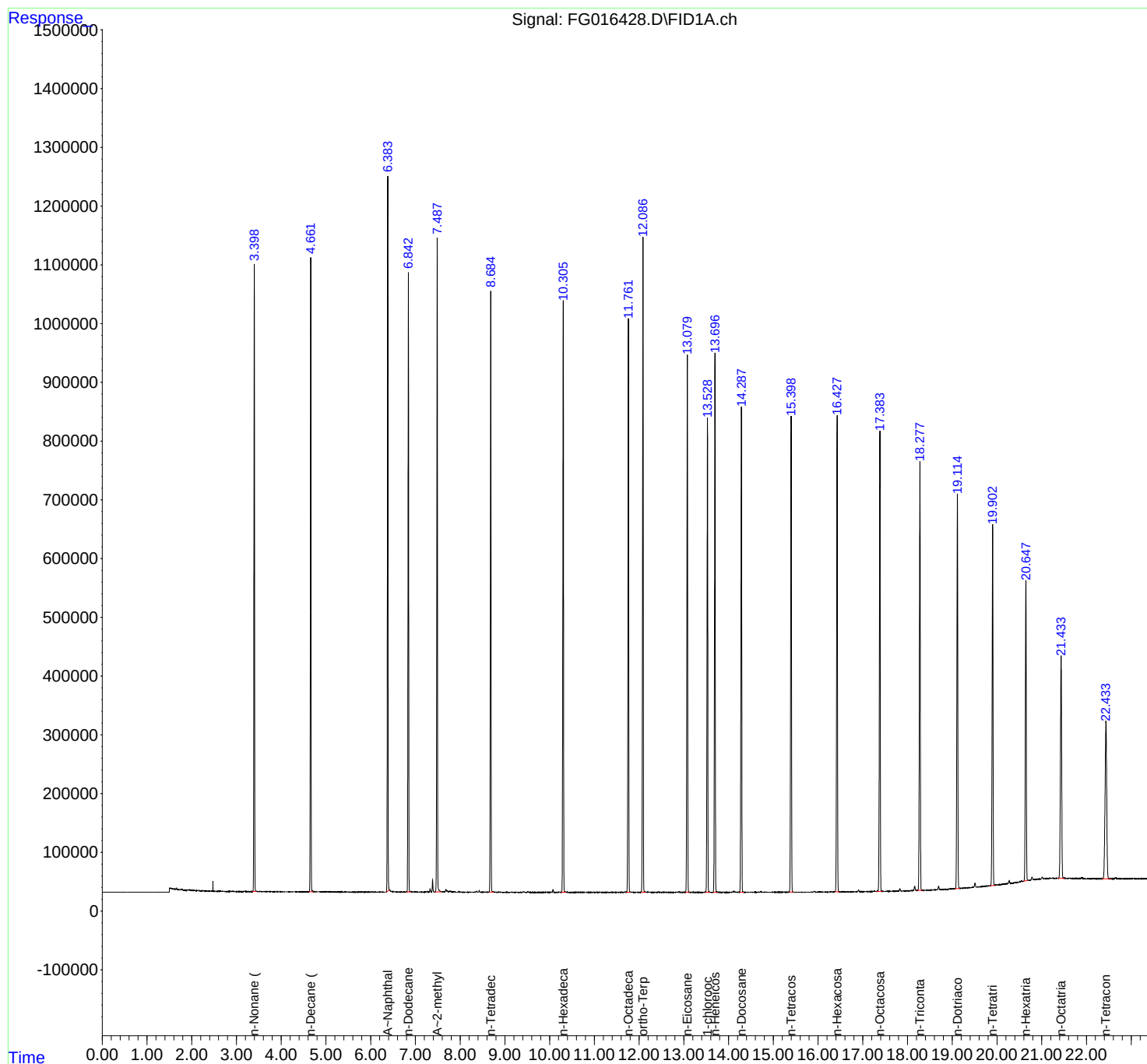
(m)=manual int.

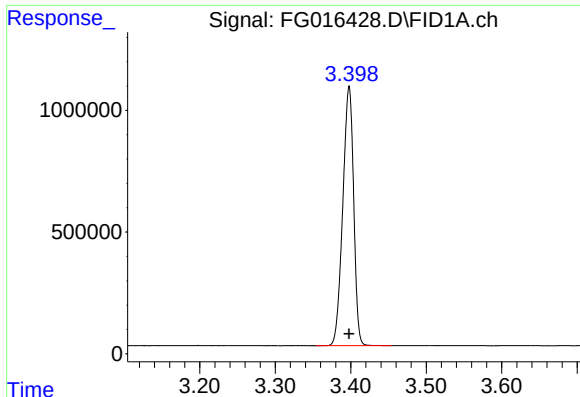
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
Data File : FG016428.D
Signal(s) : FID1A.ch
Acq On : 28 Aug 2025 09:33
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Aug 28 11:14:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Thu Aug 28 11:12:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

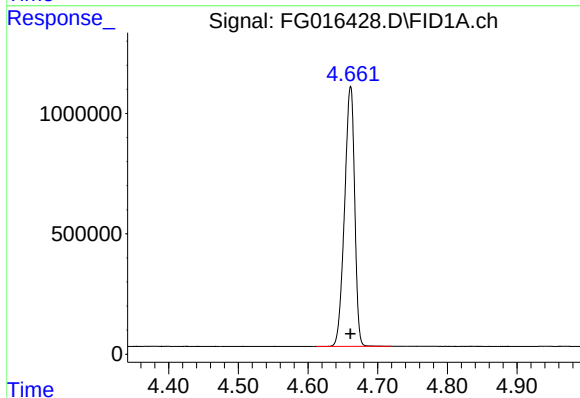




#1 n-Nonane (C9)

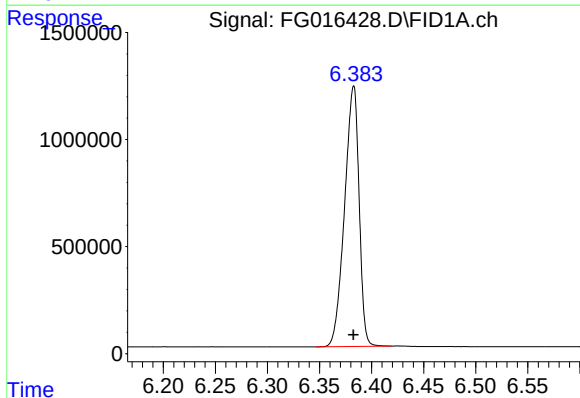
R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 10659824
Conc: 97.53 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



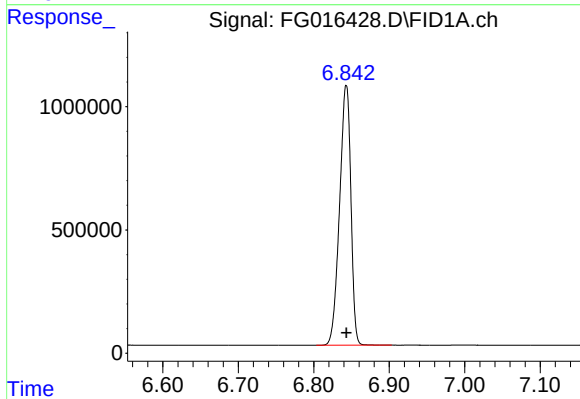
#2 n-Decane (C10)

R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 10873395
Conc: 97.72 ug/ml



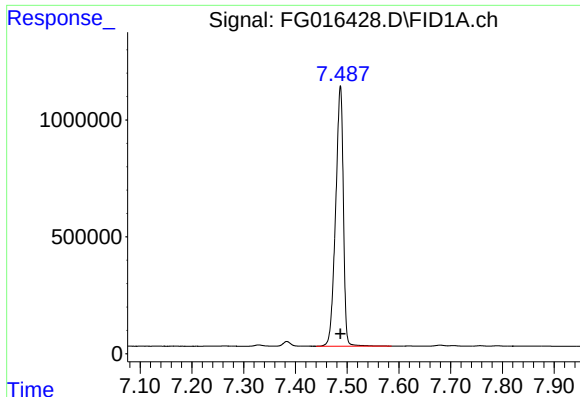
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 11793800
Conc: 97.43 ug/ml



#4 n-Dodecane (C12)

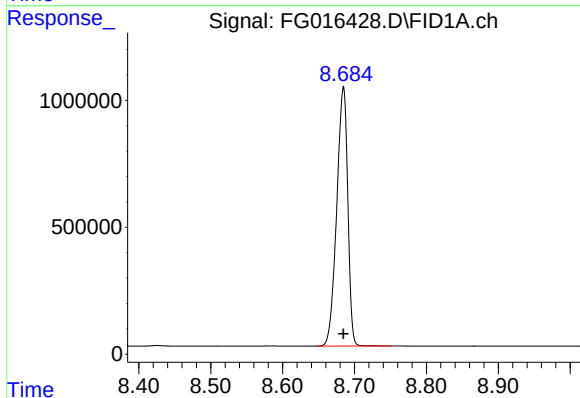
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 10973084
Conc: 97.68 ug/ml



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

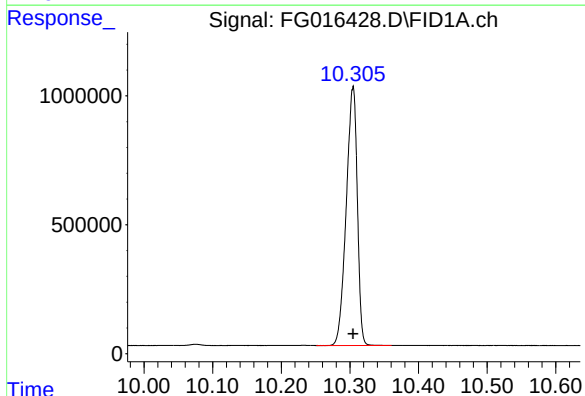
R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 11519297
Conc: 98.21 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



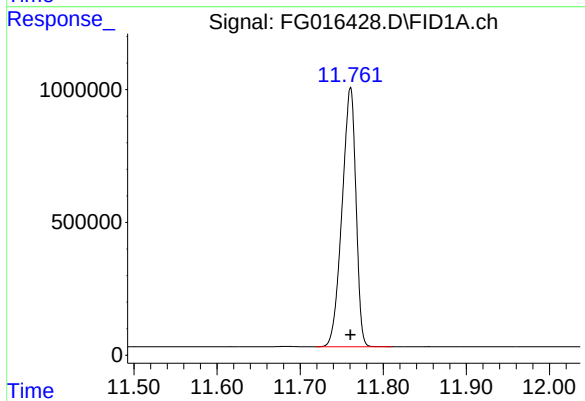
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 10896406
Conc: 97.68 ug/ml



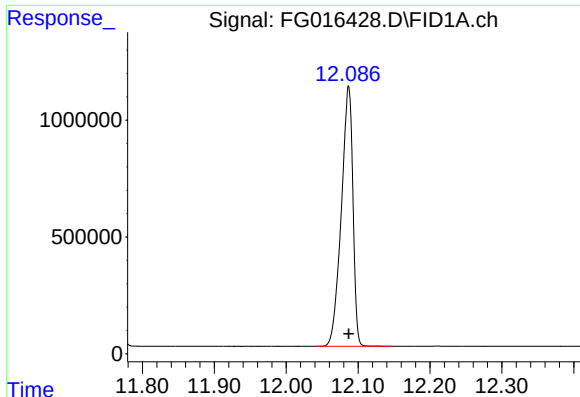
#7 n-Hexadecane (C16)

R.T.: 10.305 min
Delta R.T.: 0.000 min
Response: 11241929
Conc: 97.59 ug/ml



#8 n-Octadecane (C18)

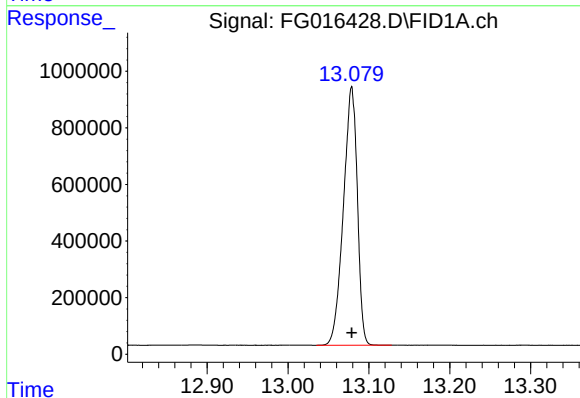
R.T.: 11.761 min
Delta R.T.: 0.000 min
Response: 11351104
Conc: 97.44 ug/ml



#9 ortho-Terphenyl (SURR)

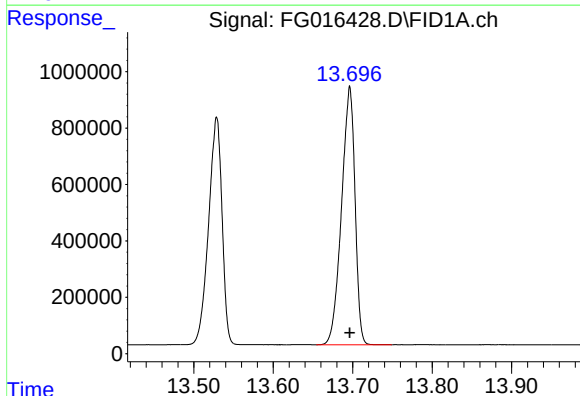
R.T.: 12.087 min
Delta R.T.: 0.000 min
Response: 12456348
Conc: 97.42 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



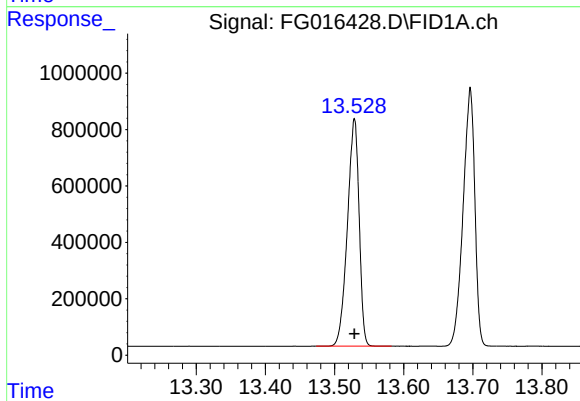
#10 n-Eicosane (C20)

R.T.: 13.079 min
Delta R.T.: 0.000 min
Response: 10939524
Conc: 97.36 ug/ml



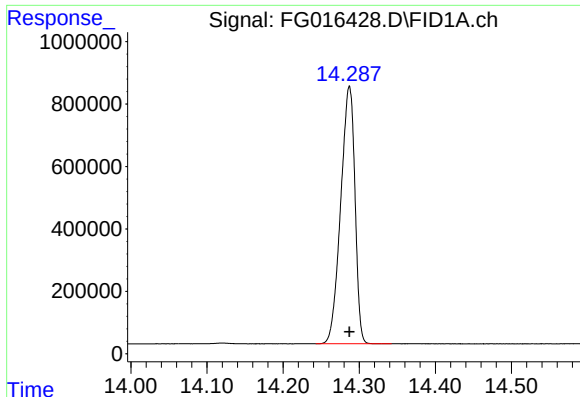
#11 n-Heneicosane (C21)

R.T.: 13.696 min
Delta R.T.: 0.000 min
Response: 10781397
Conc: 97.44 ug/ml



#12 1-chlorooctadecane (SURR)

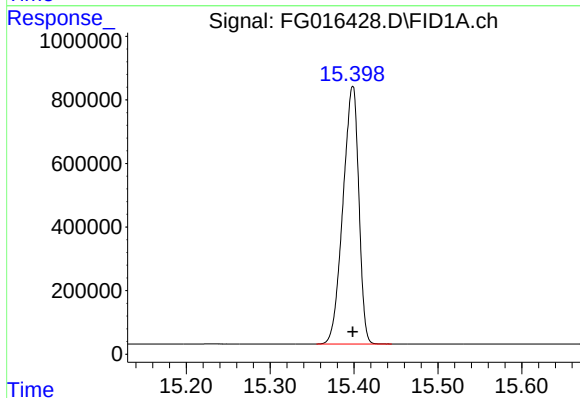
R.T.: 13.529 min
Delta R.T.: 0.000 min
Response: 9489485
Conc: 97.62 ug/ml



#13 n-Docosane (C22)

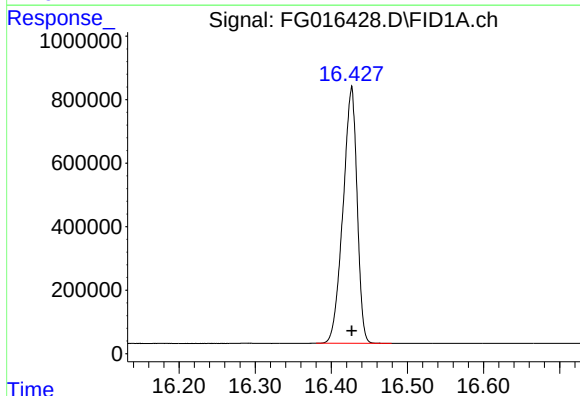
R.T.: 14.287 min
Delta R.T.: 0.000 min
Response: 10721937
Conc: 97.40 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



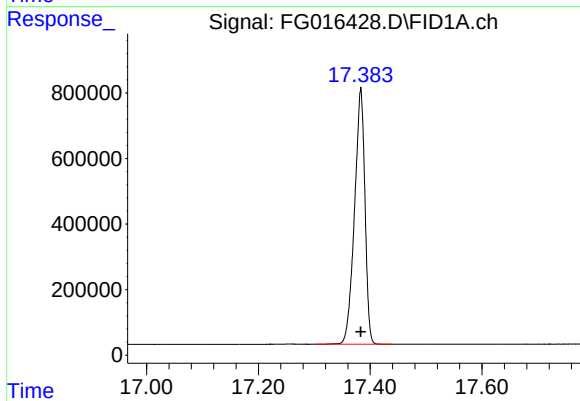
#14 n-Tetracosane (C24)

R.T.: 15.399 min
Delta R.T.: 0.000 min
Response: 10647988
Conc: 97.29 ug/ml



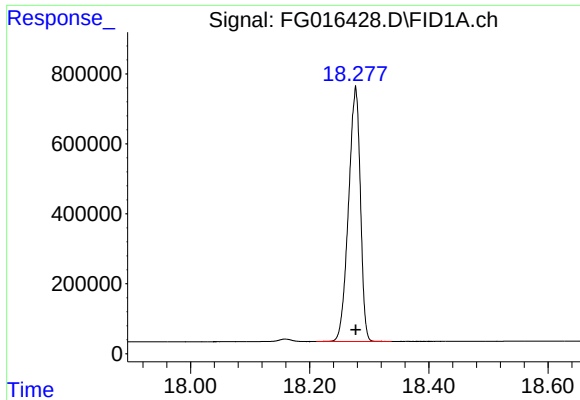
#15 n-Hexacosane (C26)

R.T.: 16.427 min
Delta R.T.: 0.000 min
Response: 10397332
Conc: 97.23 ug/ml



#16 n-Octacosane (C28)

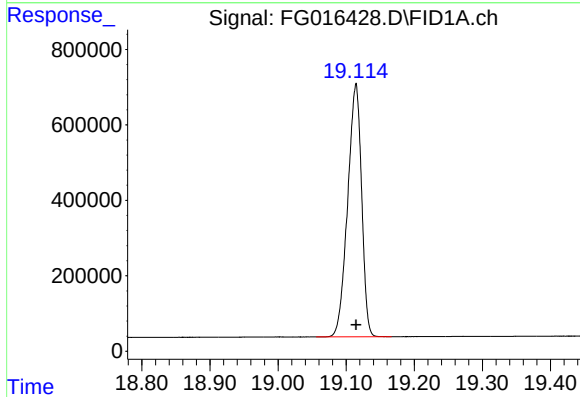
R.T.: 17.383 min
Delta R.T.: 0.000 min
Response: 10089105
Conc: 97.22 ug/ml



#17 n-Tricontane (C30)

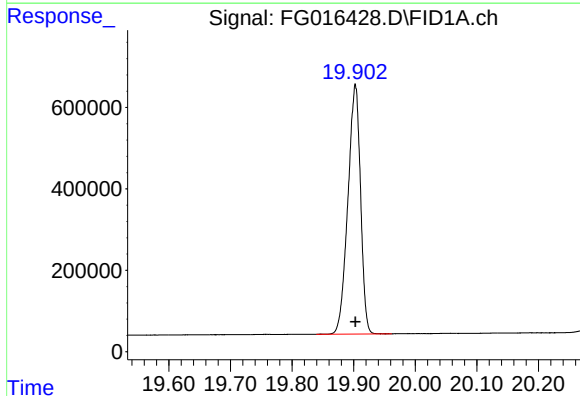
R.T.: 18.277 min
Delta R.T.: 0.000 min
Response: 10037248
Conc: 96.44 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



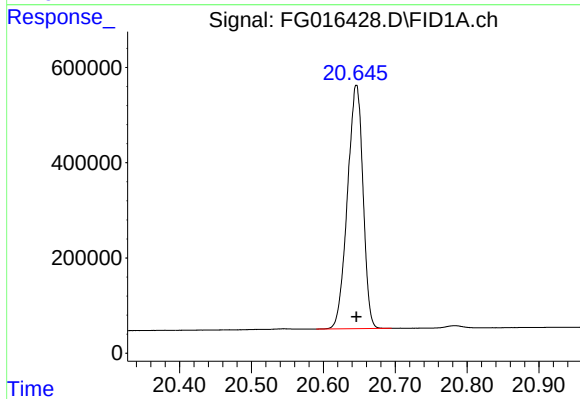
#18 n-Dotriacontane (C32)

R.T.: 19.114 min
Delta R.T.: 0.000 min
Response: 9522175
Conc: 95.80 ug/ml



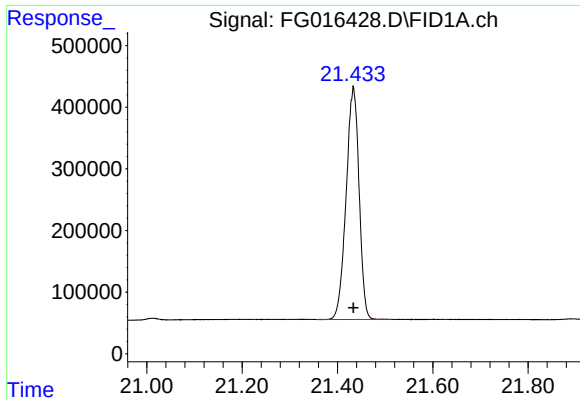
#19 n-Tetratriacontane (C34)

R.T.: 19.903 min
Delta R.T.: 0.000 min
Response: 8736024
Conc: 95.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.646 min
Delta R.T.: 0.000 min
Response: 7675633
Conc: 96.11 ug/ml



#21 n-Octatriacontane (C38)

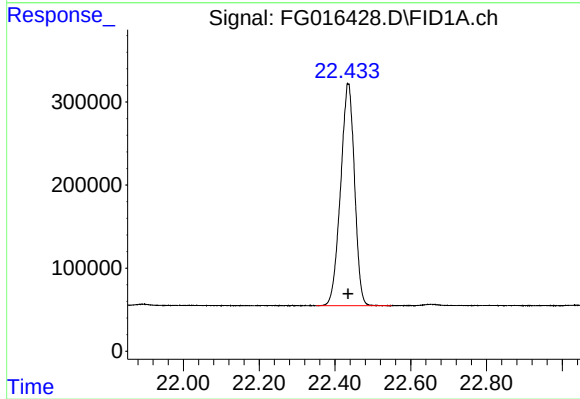
R.T.: 21.434 min
Delta R.T.: 0.000 min
Response: 7084807
Conc: 96.31 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.435 min
Delta R.T.: 0.000 min
Response: 6825251
Conc: 96.18 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
 Data File : FG016428.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 09:33
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.398	3.354	3.454	BB	1065784	10659824	85.58%	4.744%
2	4.661	4.612	4.720	BB	1079497	10873395	87.29%	4.839%
3	6.383	6.347	6.419	BV	1216071	11793800	94.68%	5.248%
4	6.843	6.803	6.903	BB	1053731	10973084	88.09%	4.883%
5	7.487	7.440	7.586	BB	1112479	11519297	92.48%	5.126%
6	8.685	8.647	8.752	BB	1024081	10896406	87.48%	4.849%
7	10.305	10.251	10.361	BB	1008203	11241929	90.25%	5.003%
8	11.761	11.719	11.810	BB	976260	11351104	91.13%	5.051%
9	12.087	12.042	12.147	BB	1115143	12456348	100.00%	5.543%
10	13.079	13.035	13.128	BB	912764	10939524	87.82%	4.868%
11	13.529	13.473	13.583	BB	805563	9489485	76.18%	4.223%
12	13.696	13.654	13.749	BB	916221	10781397	86.55%	4.798%
13	14.287	14.243	14.343	BB	826921	10721937	86.08%	4.771%
14	15.399	15.355	15.445	BB	810582	10647988	85.48%	4.738%
15	16.427	16.380	16.479	BB	808008	10397332	83.47%	4.627%
16	17.383	17.303	17.438	BB	783703	10089105	81.00%	4.490%
17	18.277	18.211	18.338	BB	728530	10037248	80.58%	4.467%
18	19.114	19.056	19.167	BB	670694	9522175	76.44%	4.237%
19	19.903	19.839	19.962	BB	613571	8736024	70.13%	3.888%
20	20.646	20.590	20.695	BB	511168	7675633	61.62%	3.416%
21	21.434	21.355	21.514	BB	378260	7084807	56.88%	3.153%
22	22.435	22.350	22.550	BBA	266305	6825251	54.79%	3.037%
Sum of corrected areas:						224713092		

Aliphatic EPH 082825.M Thu Aug 28 12:38:30 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
 Data File : FG016429.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 10:02
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 28 11:16:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 11:12:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.081	6396961	50.021 ug/ml
Spiked Amount 50.000		Recovery =	100.04%
12) S 1-chlorooctadecane (S...	13.525	4872054	50.079 ug/ml
Spiked Amount 50.000		Recovery =	100.16%
Target Compounds			
1) T n-Nonane (C9)	3.396	5441270	49.854 ug/ml
2) T n-Decane (C10)	4.658	5547230	49.903 ug/ml
3) T A~Naphthalene (C11.7)	6.379	6076964	50.133 ug/ml
4) T n-Dodecane (C12)	6.840	5606578	49.940 ug/ml
5) T A~2-methylnaphthalene...	7.483	5875988	50.064 ug/ml
6) T n-Tetradecane (C14)	8.681	5566677	49.934 ug/ml
7) T n-Hexadecane (C16)	10.301	5760957	50.008 ug/ml
8) T n-Octadecane (C18)	11.755	5825525	50.006 ug/ml
10) T n-Eicosane (C20)	13.075	5620589	50.013 ug/ml
11) T n-Heneicosane (C21)	13.692	5535080	50.018 ug/ml
13) T n-Docosane (C22)	14.282	5516812	50.077 ug/ml
14) T n-Tetracosane (C24)	15.395	5482557	50.062 ug/ml
15) T n-Hexacosane (C26)	16.423	5356075	50.057 ug/ml
16) T n-Octacosane (C28)	17.379	5201394	50.079 ug/ml
17) T n-Tricontane (C30)	18.273	5182510	49.863 ug/ml
18) T n-Dotriacontane (C32)	19.110	4921339	49.675 ug/ml
19) T n-Tetratriacontane (C34)	19.899	4512847	49.716 ug/ml
20) T n-Hexatriacontane (C36)	20.643	3957606	49.703 ug/ml
21) T n-Octatriacontane (C38)	21.430	3650560	49.748 ug/ml
22) T n-Tetracontane (C40)	22.430	3528320	49.813 ug/ml

(f)=RT Delta > 1/2 Window

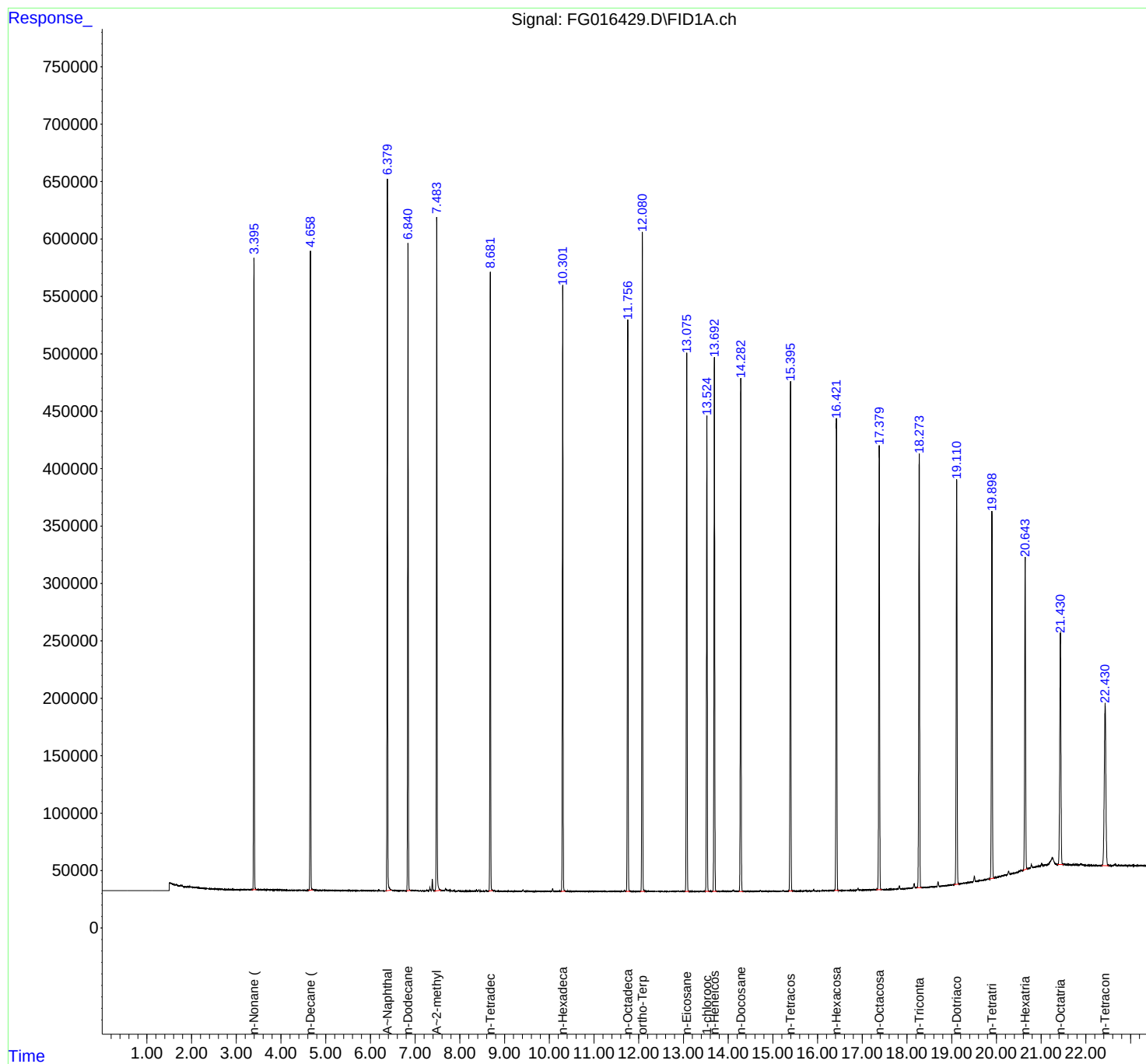
(m)=manual int.

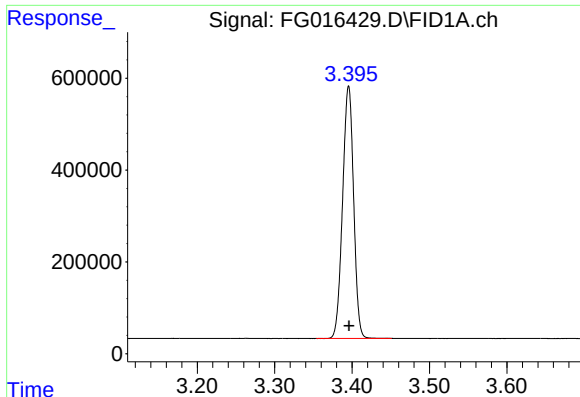
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
Data File : FG016429.D
Signal(s) : FID1A.ch
Acq On : 28 Aug 2025 10:02
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Aug 28 11:16:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Thu Aug 28 11:12:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

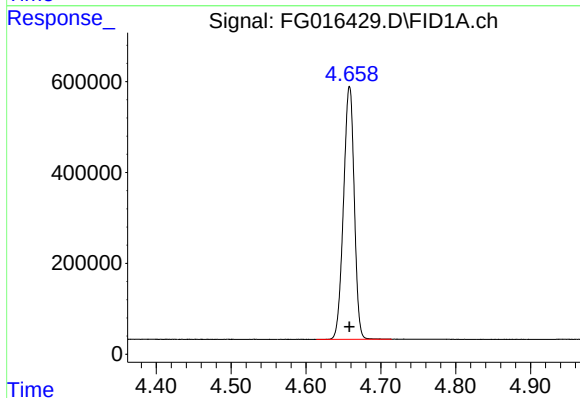




#1 n-Nonane (C9)

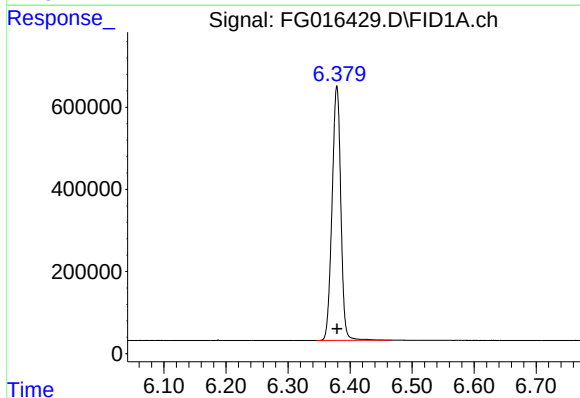
R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 5441270
Conc: 49.85 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



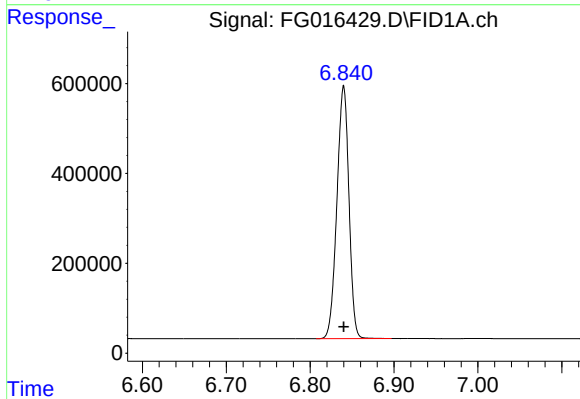
#2 n-Decane (C10)

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 5547230
Conc: 49.90 ug/ml



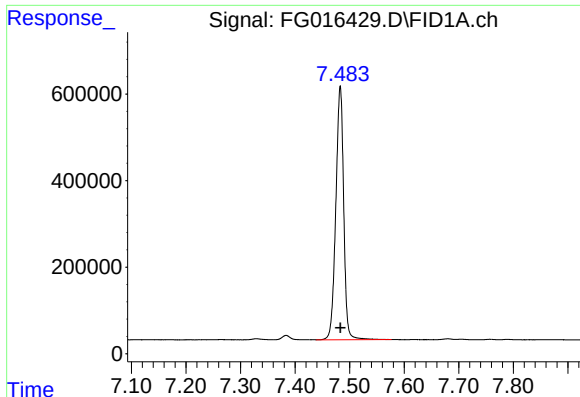
#3 A~Naphthalene (C11.7)

R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 6076964
Conc: 50.13 ug/ml



#4 n-Dodecane (C12)

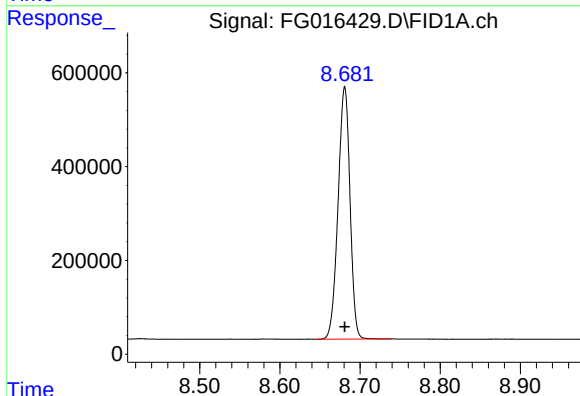
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 5606578
Conc: 49.94 ug/ml



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

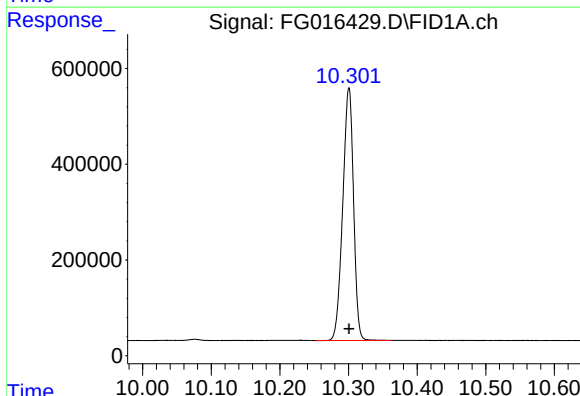
R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 5875988
Conc: 50.06 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



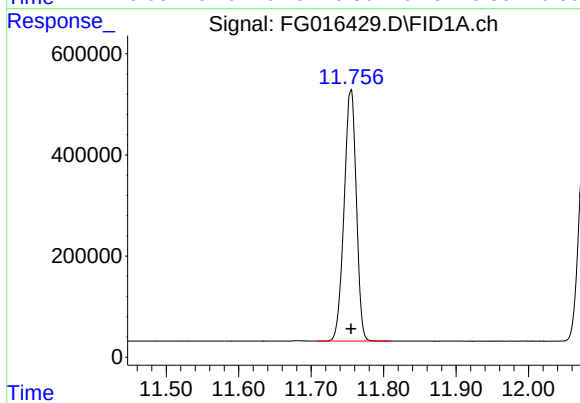
#6 n-Tetradecane (C14)

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 5566677
Conc: 49.93 ug/ml



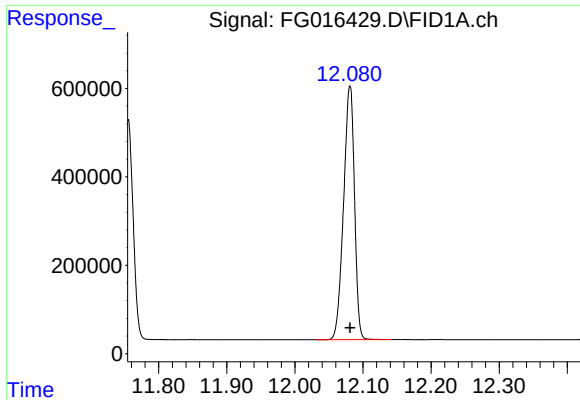
#7 n-Hexadecane (C16)

R.T.: 10.301 min
Delta R.T.: 0.000 min
Response: 5760957
Conc: 50.01 ug/ml



#8 n-Octadecane (C18)

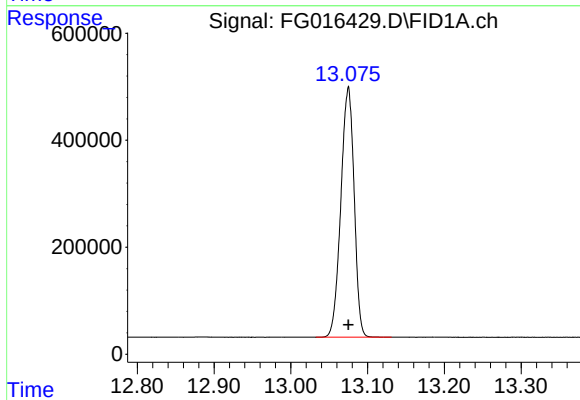
R.T.: 11.755 min
Delta R.T.: 0.000 min
Response: 5825525
Conc: 50.01 ug/ml



#9 ortho-Terphenyl (SURR)

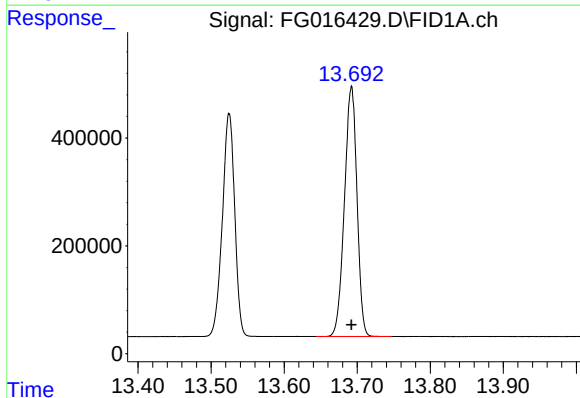
R.T.: 12.081 min
Delta R.T.: 0.000 min
Response: 6396961
Conc: 50.02 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



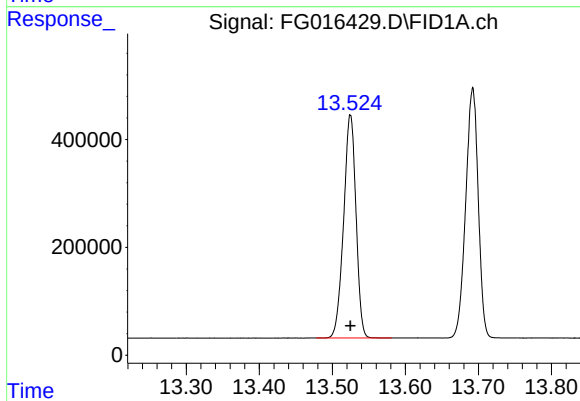
#10 n-Eicosane (C20)

R.T.: 13.075 min
Delta R.T.: 0.000 min
Response: 5620589
Conc: 50.01 ug/ml



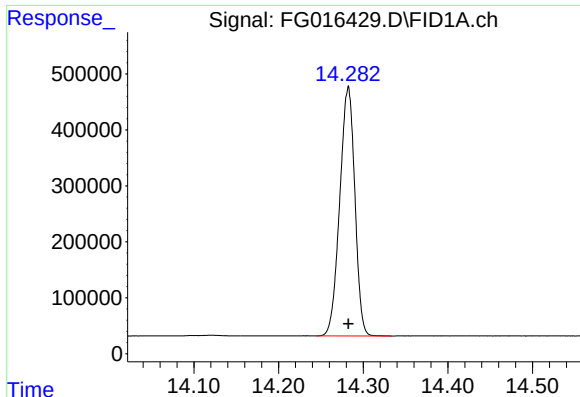
#11 n-Heneicosane (C21)

R.T.: 13.692 min
Delta R.T.: 0.000 min
Response: 5535080
Conc: 50.02 ug/ml



#12 1-chlorooctadecane (SURR)

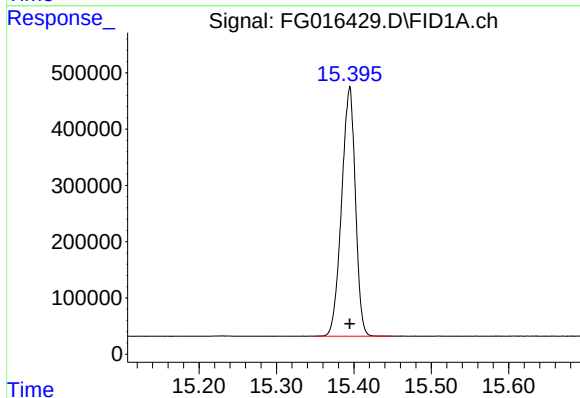
R.T.: 13.525 min
Delta R.T.: 0.000 min
Response: 4872054
Conc: 50.08 ug/ml



#13 n-Docosane (C22)

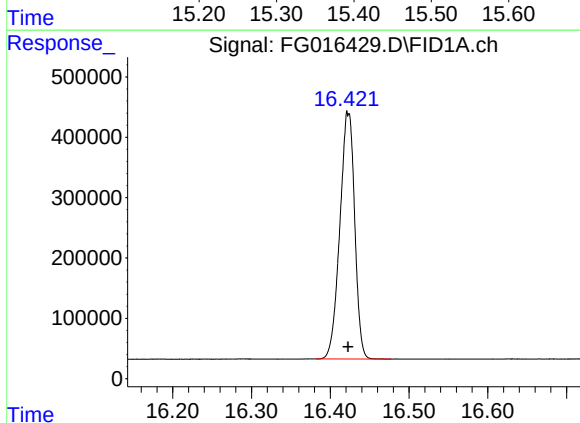
R.T.: 14.282 min
Delta R.T.: 0.000 min
Response: 5516812
Conc: 50.08 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



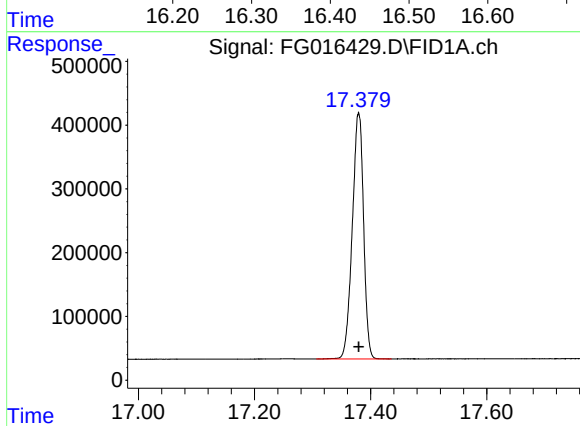
#14 n-Tetracosane (C24)

R.T.: 15.395 min
Delta R.T.: 0.000 min
Response: 5482557
Conc: 50.06 ug/ml



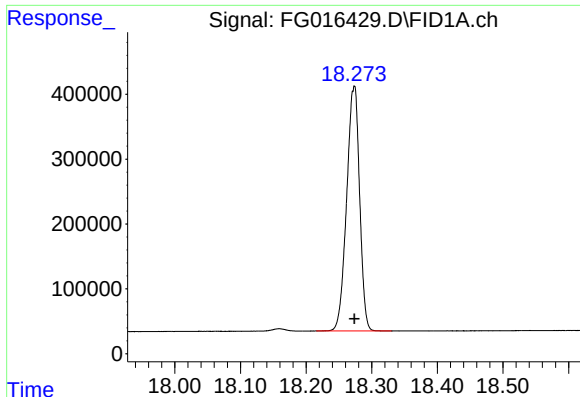
#15 n-Hexacosane (C26)

R.T.: 16.423 min
Delta R.T.: 0.000 min
Response: 5356075
Conc: 50.06 ug/ml



#16 n-Octacosane (C28)

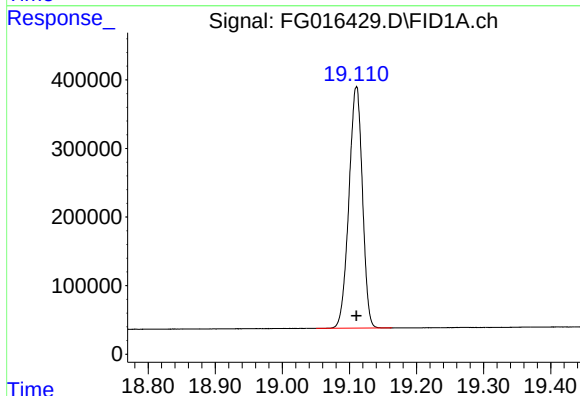
R.T.: 17.379 min
Delta R.T.: 0.000 min
Response: 5201394
Conc: 50.08 ug/ml



#17 n-Tricontane (C30)

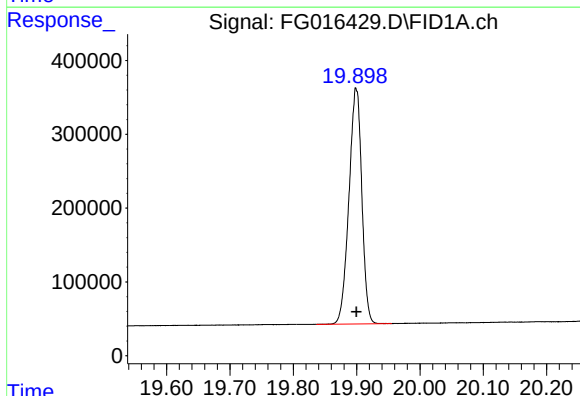
R.T.: 18.273 min
Delta R.T.: 0.000 min
Response: 5182510
Conc: 49.86 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



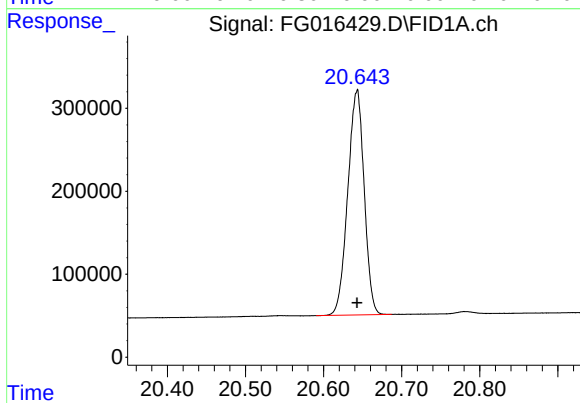
#18 n-Dotriacontane (C32)

R.T.: 19.110 min
Delta R.T.: 0.000 min
Response: 4921339
Conc: 49.67 ug/ml



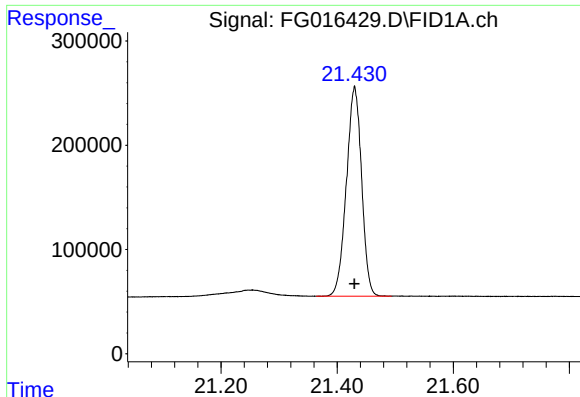
#19 n-Tetratriacontane (C34)

R.T.: 19.899 min
Delta R.T.: 0.000 min
Response: 4512847
Conc: 49.72 ug/ml



#20 n-Hexatriacontane (C36)

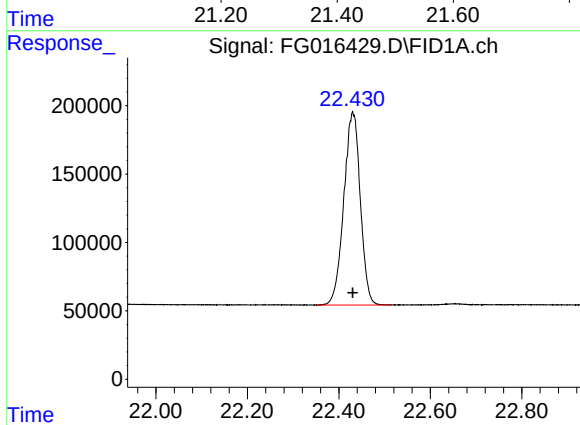
R.T.: 20.643 min
Delta R.T.: 0.000 min
Response: 3957606
Conc: 49.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.430 min
Delta R.T.: 0.000 min
Response: 3650560
Conc: 49.75 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.430 min
Delta R.T.: 0.000 min
Response: 3528320
Conc: 49.81 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
 Data File : FG016429.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 10:02
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.396	3.354	3.451	BB	549941	5441270	85.06%	4.714%
2	4.658	4.614	4.715	BB	556684	5547230	86.72%	4.805%
3	6.379	6.345	6.467	BB	619630	6076964	95.00%	5.264%
4	6.840	6.807	6.897	BB	563446	5606578	87.64%	4.857%
5	7.483	7.439	7.577	BB	586106	5875988	91.86%	5.090%
6	8.681	8.645	8.739	BB	538507	5566677	87.02%	4.822%
7	10.301	10.253	10.363	BB	527721	5760957	90.06%	4.991%
8	11.755	11.707	11.811	BB	496726	5825525	91.07%	5.047%
9	12.081	12.031	12.142	BB	573154	6396961	100.00%	5.542%
10	13.075	13.033	13.131	BB	469769	5620589	87.86%	4.869%
11	13.525	13.478	13.581	BB	413612	4872054	76.16%	4.221%
12	13.692	13.644	13.747	BB	464433	5535080	86.53%	4.795%
13	14.282	14.245	14.334	BB	444718	5516812	86.24%	4.779%
14	15.395	15.351	15.449	BB	442053	5482557	85.71%	4.749%
15	16.423	16.382	16.478	BB	403994	5356075	83.73%	4.640%
16	17.379	17.306	17.436	BB	386609	5201394	81.31%	4.506%
17	18.273	18.215	18.330	BB	377892	5182510	81.02%	4.490%
18	19.110	19.050	19.163	BB	351809	4921339	76.93%	4.263%
19	19.899	19.836	19.955	BB	317853	4512847	70.55%	3.909%
20	20.643	20.590	20.687	BB	270473	3957606	61.87%	3.428%
21	21.430	21.364	21.494	BB	201815	3650560	57.07%	3.162%
22	22.430	22.350	22.515	BB	141619	3528320	55.16%	3.057%
Sum of corrected areas:						115435892		

Aliphatic EPH 082825.M Thu Aug 28 12:38:59 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
 Data File : FG016430.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 10:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Aug 28 11:12:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 11:12:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.077	2623013	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.522	1990565	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.394	2240121	20.000 ug/ml
2) T n-Decane (C10)	4.656	2276035	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.377	2483410	20.000 ug/ml
4) T n-Dodecane (C12)	6.838	2298735	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.480	2387900	20.000 ug/ml
6) T n-Tetradecane (C14)	8.679	2282936	20.000 ug/ml
7) T n-Hexadecane (C16)	10.298	2359232	20.000 ug/ml
8) T n-Octadecane (C18)	11.753	2389351	20.000 ug/ml
10) T n-Eicosane (C20)	13.072	2306749	20.000 ug/ml
11) T n-Heneicosane (C21)	13.690	2269457	20.000 ug/ml
13) T n-Docosane (C22)	14.280	2258831	20.000 ug/ml
14) T n-Tetracosane (C24)	15.391	2248334	20.000 ug/ml
15) T n-Hexacosane (C26)	16.419	2198021	20.000 ug/ml
16) T n-Octacosane (C28)	17.377	2133405	20.000 ug/ml
17) T n-Tricontane (C30)	18.270	2155705	20.000 ug/ml
18) T n-Dotriacontane (C32)	19.107	2071329	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.897	1894010	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.641	1659320	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.429	1525669	20.000 ug/ml
22) T n-Tetracontane (C40)	22.426	1473511	20.000 ug/ml

(f)=RT Delta > 1/2 Window

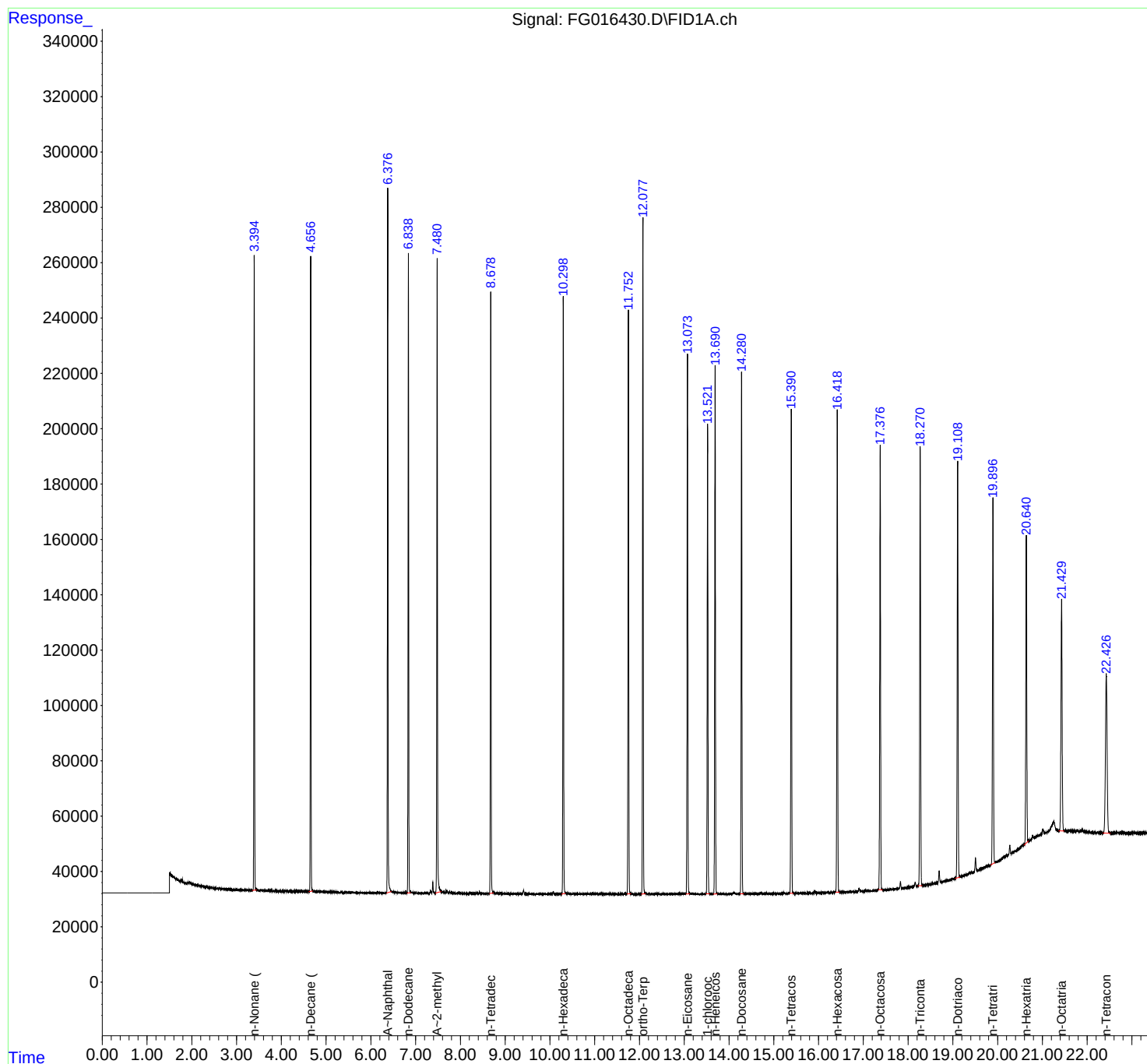
(m)=manual int.

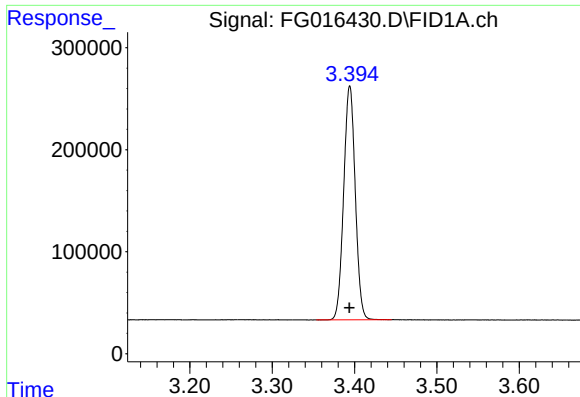
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
Data File : FG016430.D
Signal(s) : FID1A.ch
Acq On : 28 Aug 2025 10:32
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Aug 28 11:12:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Thu Aug 28 11:12:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

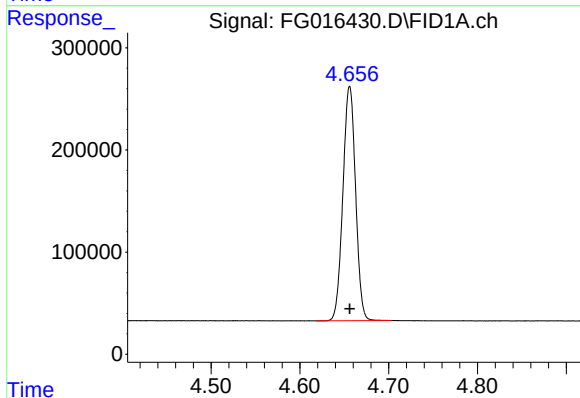




#1 n-Nonane (C9)

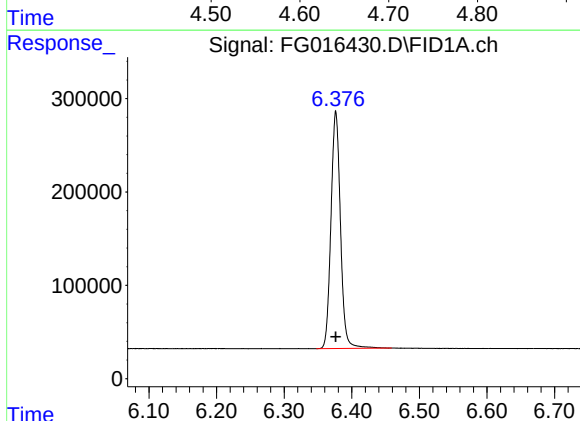
R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 2240121
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



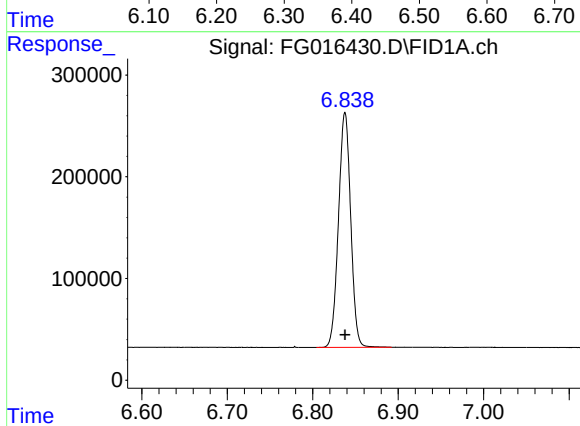
#2 n-Decane (C10)

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 2276035
Conc: 20.00 ug/ml



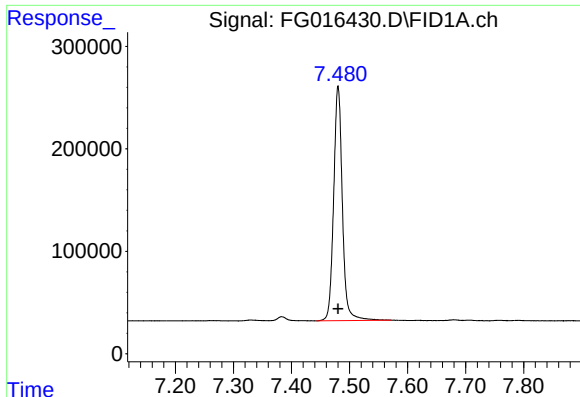
#3 A~Naphthalene (C11.7)

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 2483410
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

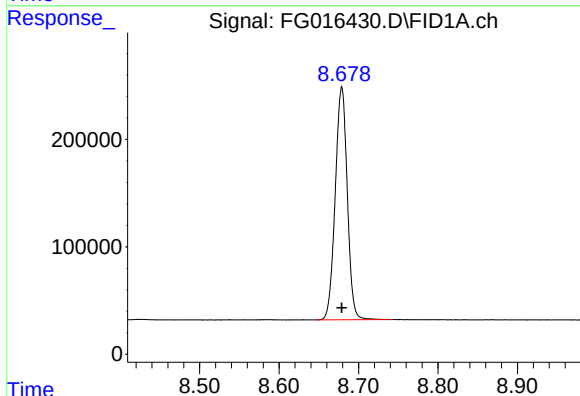
R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 2298735
Conc: 20.00 ug/ml



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

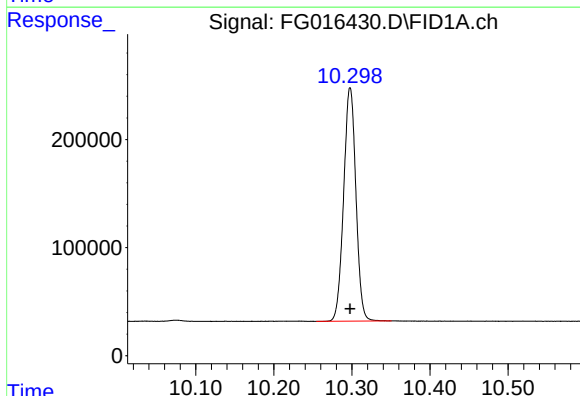
R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 2387900
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



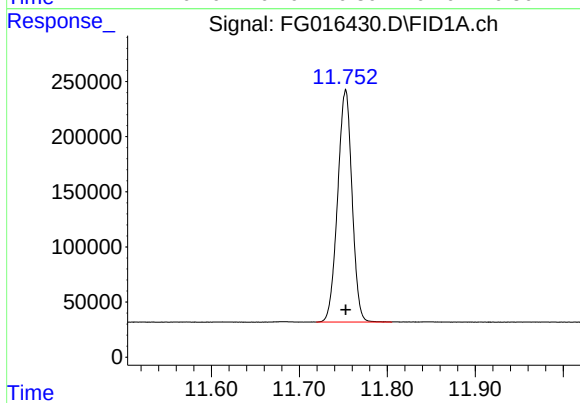
#6 n-Tetradecane (C14)

R.T.: 8.679 min
Delta R.T.: 0.000 min
Response: 2282936
Conc: 20.00 ug/ml



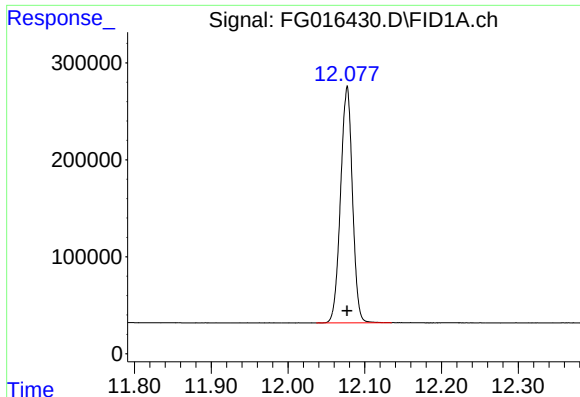
#7 n-Hexadecane (C16)

R.T.: 10.298 min
Delta R.T.: 0.000 min
Response: 2359232
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

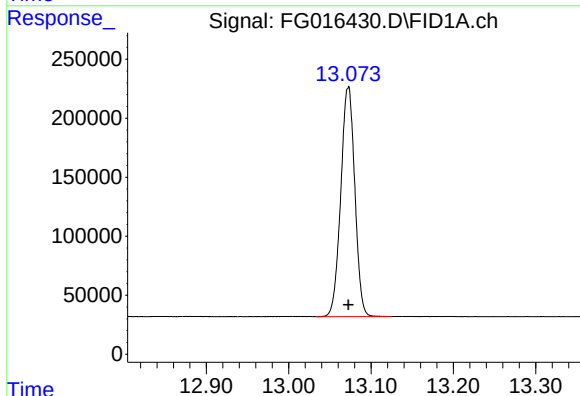
R.T.: 11.753 min
Delta R.T.: 0.000 min
Response: 2389351
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

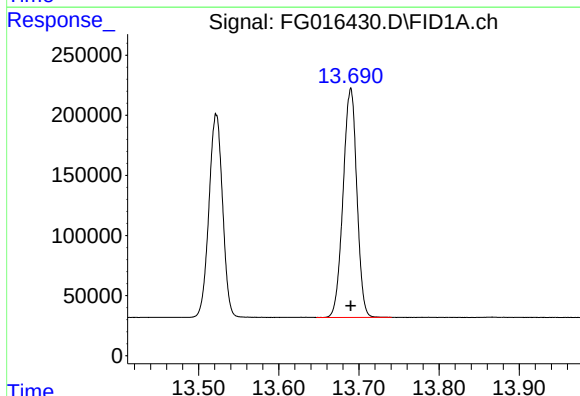
R.T.: 12.077 min
Delta R.T.: 0.000 min
Response: 2623013
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



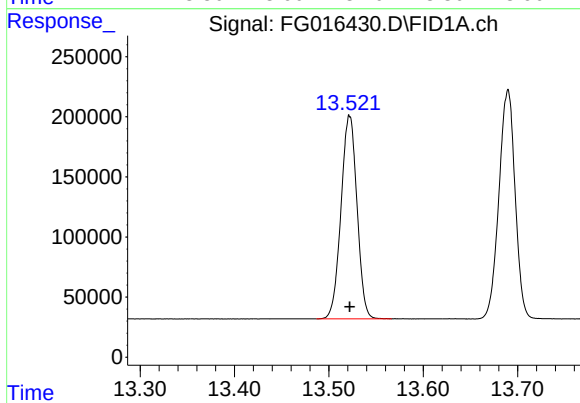
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 2306749
Conc: 20.00 ug/ml



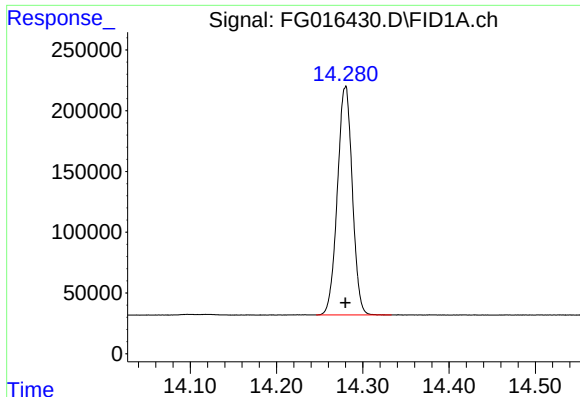
#11 n-Heneicosane (C21)

R.T.: 13.690 min
Delta R.T.: 0.000 min
Response: 2269457
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

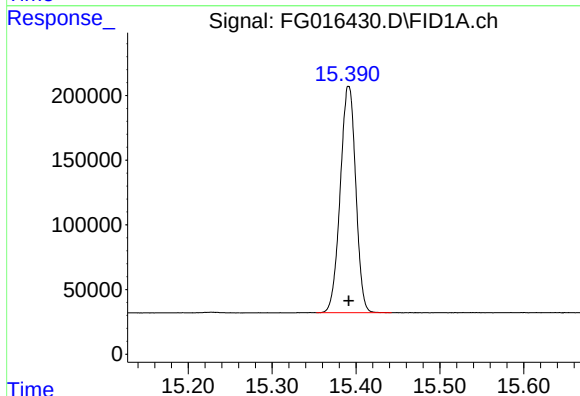
R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 1990565
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

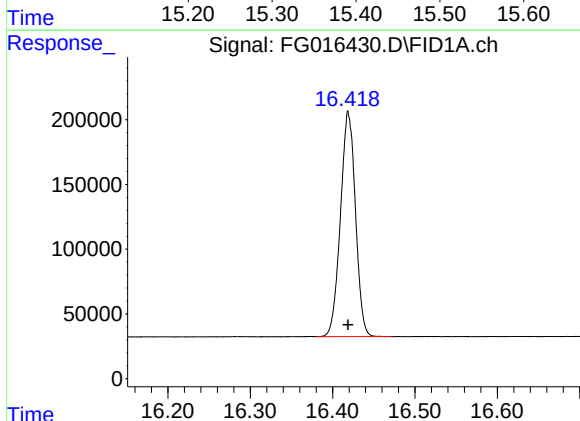
R.T.: 14.280 min
Delta R.T.: 0.000 min
Response: 2258831
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



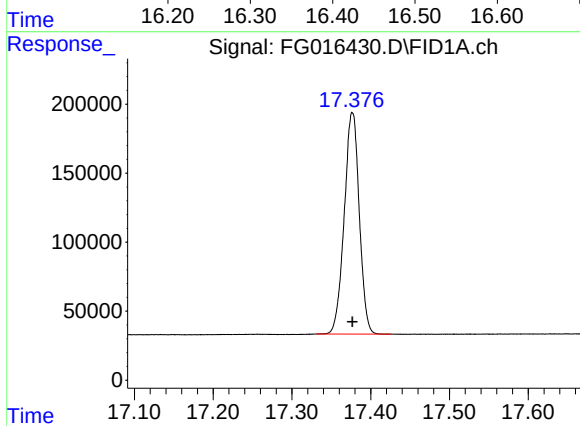
#14 n-Tetracosane (C24)

R.T.: 15.391 min
Delta R.T.: 0.000 min
Response: 2248334
Conc: 20.00 ug/ml



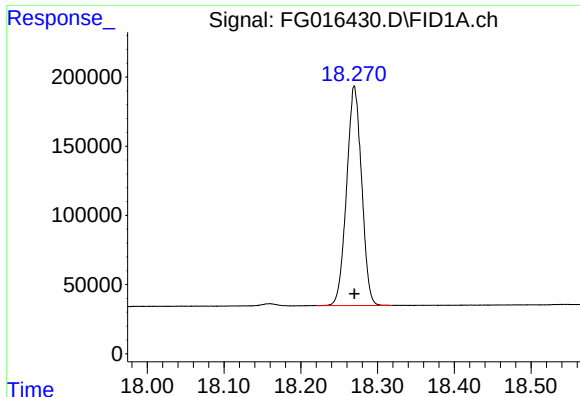
#15 n-Hexacosane (C26)

R.T.: 16.419 min
Delta R.T.: 0.000 min
Response: 2198021
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

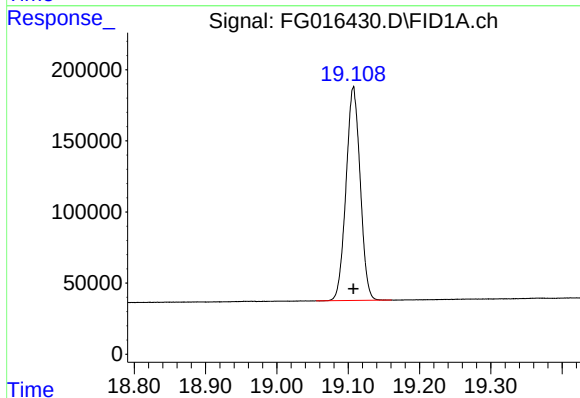
R.T.: 17.377 min
Delta R.T.: 0.000 min
Response: 2133405
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

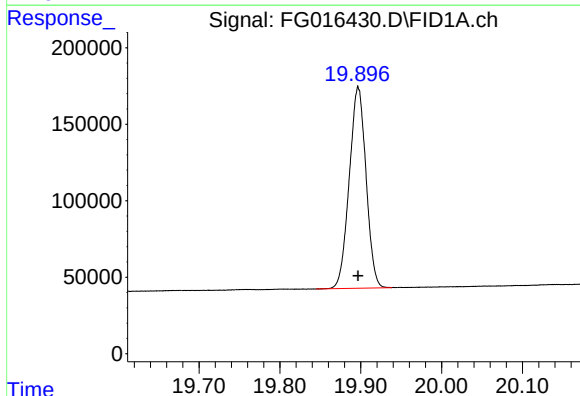
R.T.: 18.270 min
Delta R.T.: 0.000 min
Response: 2155705
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



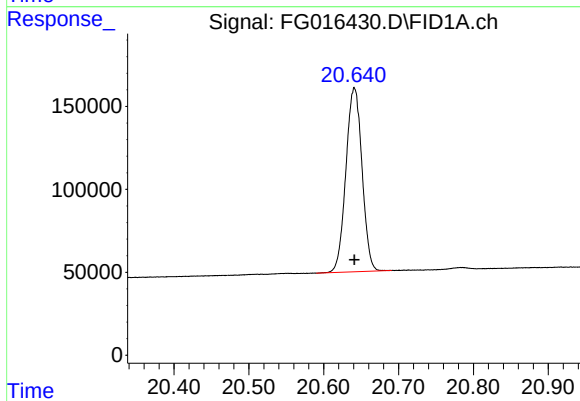
#18 n-Dotriacontane (C32)

R.T.: 19.107 min
Delta R.T.: 0.000 min
Response: 2071329
Conc: 20.00 ug/ml



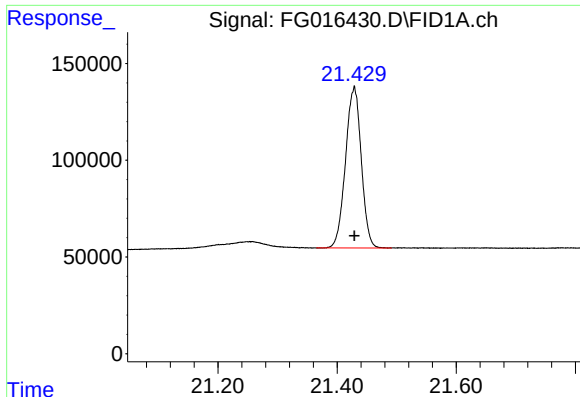
#19 n-Tetratriacontane (C34)

R.T.: 19.897 min
Delta R.T.: 0.000 min
Response: 1894010
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

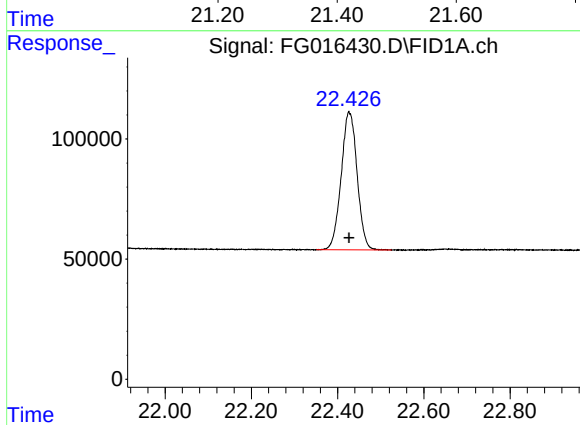
R.T.: 20.641 min
Delta R.T.: 0.000 min
Response: 1659320
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.429 min
Delta R.T.: 0.000 min
Response: 1525669
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.426 min
Delta R.T.: 0.000 min
Response: 1473511
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
 Data File : FG016430.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 10:32
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.394	3.353	3.445	BB	229446	2240121	85.40%	4.714%
2	4.656	4.618	4.703	BB	229498	2276035	86.77%	4.789%
3	6.377	6.348	6.459	BB	253949	2483410	94.68%	5.225%
4	6.838	6.804	6.893	BB	230995	2298735	87.64%	4.837%
5	7.480	7.443	7.573	BB	229083	2387900	91.04%	5.024%
6	8.679	8.647	8.742	BB	217126	2282936	87.03%	4.804%
7	10.298	10.254	10.351	BB	216051	2359232	89.94%	4.964%
8	11.753	11.719	11.805	BB	210692	2389351	91.09%	5.027%
9	12.077	12.037	12.135	BB	244659	2623013	100.00%	5.519%
10	13.072	13.033	13.125	BB	194091	2306749	87.94%	4.854%
11	13.522	13.487	13.567	BB	168925	1990565	75.89%	4.188%
12	13.690	13.647	13.741	BB	191161	2269457	86.52%	4.775%
13	14.280	14.246	14.333	BB	187795	2258831	86.12%	4.753%
14	15.391	15.353	15.443	BB	174871	2248334	85.72%	4.731%
15	16.419	16.380	16.472	BB	172854	2198021	83.80%	4.625%
16	17.377	17.331	17.427	BB	160457	2133405	81.33%	4.489%
17	18.270	18.220	18.318	BB	158832	2155705	82.18%	4.536%
18	19.107	19.055	19.161	BB	150147	2071329	78.97%	4.358%
19	19.897	19.845	19.938	BB	131908	1894010	72.21%	3.985%
20	20.641	20.590	20.691	BB	111066	1659320	63.26%	3.491%
21	21.429	21.365	21.492	BB	83848	1525669	58.16%	3.210%
22	22.426	22.350	22.525	BB	57455	1473511	56.18%	3.100%
Sum of corrected areas:							47525641	

Aliphatic EPH 082825.M Thu Aug 28 12:39:21 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
 Data File : FG016431.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 11:01
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 28 11:19:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 11:12:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.075	1358722	10.461 ug/ml
Spiked Amount 50.000		Recovery =	20.92%
12) S 1-chlorooctadecane (S...	13.521	1030441	10.437 ug/ml
Spiked Amount 50.000		Recovery =	20.87%
Target Compounds			
1) T n-Nonane (C9)	3.394	1160960	10.470 ug/ml
2) T n-Decane (C10)	4.656	1178133	10.442 ug/ml
3) T A~Naphthalene (C11.7)	6.377	1273830	10.377 ug/ml
4) T n-Dodecane (C12)	6.837	1187209	10.425 ug/ml
5) T A~2-methylnaphthalene...	7.480	1216851	10.273 ug/ml
6) T n-Tetradecane (C14)	8.678	1185844	10.470 ug/ml
7) T n-Hexadecane (C16)	10.297	1225955	10.474 ug/ml
8) T n-Octadecane (C18)	11.751	1241465	10.485 ug/ml
10) T n-Eicosane (C20)	13.071	1198604	10.491 ug/ml
11) T n-Heneicosane (C21)	13.688	1181643	10.500 ug/ml
13) T n-Docosane (C22)	14.279	1174116	10.485 ug/ml
14) T n-Tetracosane (C24)	15.390	1167745	10.489 ug/ml
15) T n-Hexacosane (C26)	16.418	1139703	10.481 ug/ml
16) T n-Octacosane (C28)	17.375	1110183	10.508 ug/ml
17) T n-Tricontane (C30)	18.268	1131301	10.649 ug/ml
18) T n-Dotriacontane (C32)	19.107	1103180	10.828 ug/ml
19) T n-Tetratriacontane (C34)	19.895	1001278	10.754 ug/ml
20) T n-Hexatriacontane (C36)	20.639	867482	10.656 ug/ml
21) T n-Octatriacontane (C38)	21.425	795746	10.620 ug/ml
22) T n-Tetracontane (C40)	22.425	764662	10.585 ug/ml

(f)=RT Delta > 1/2 Window

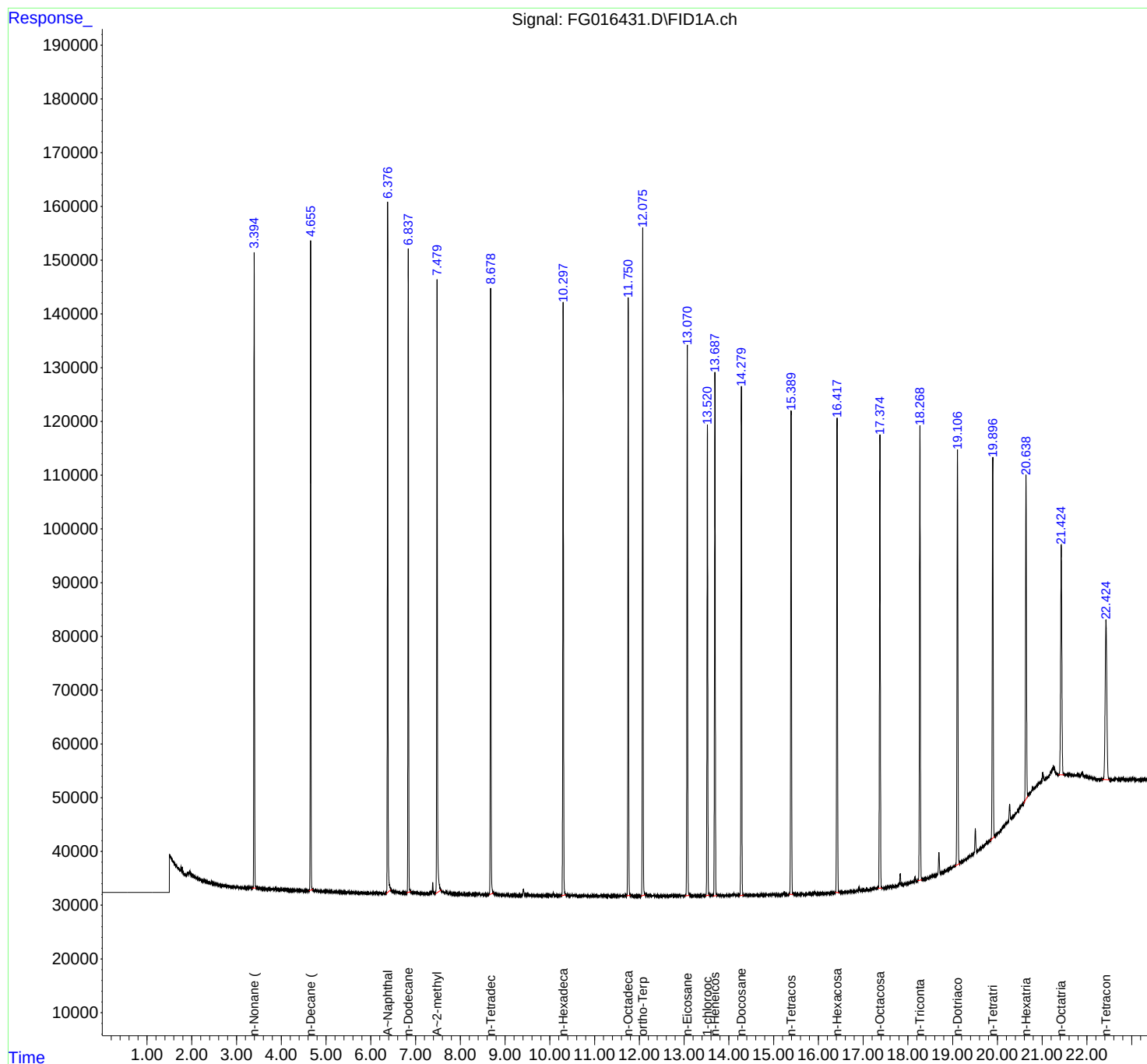
(m)=manual int.

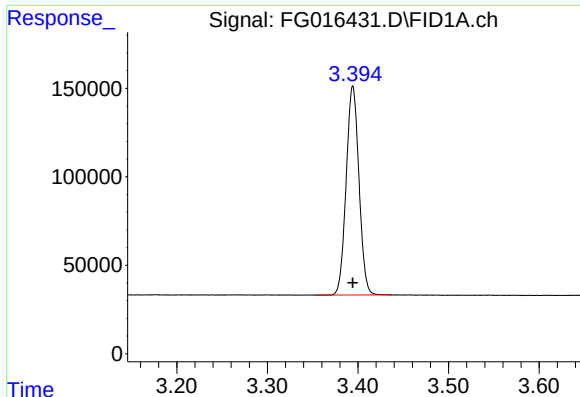
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
Data File : FG016431.D
Signal(s) : FID1A.ch
Acq On : 28 Aug 2025 11:01
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Aug 28 11:19:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Thu Aug 28 11:12:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

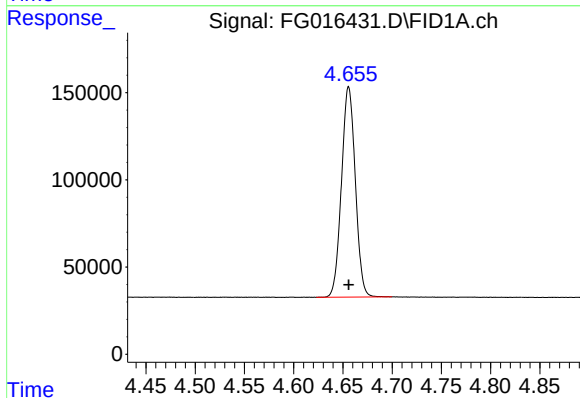




#1 n-Nonane (C9)

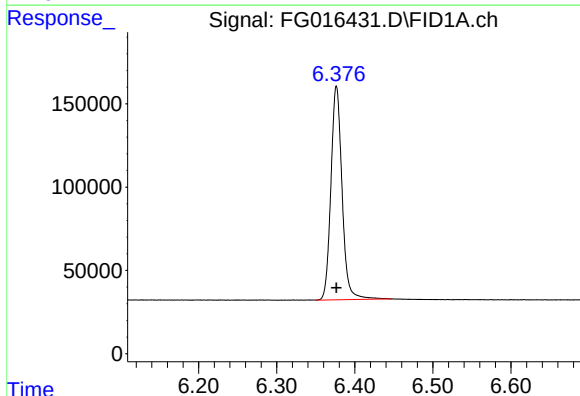
R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 1160960
Conc: 10.47 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



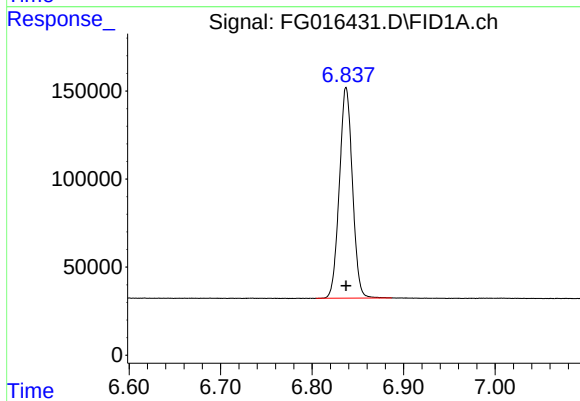
#2 n-Decane (C10)

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 1178133
Conc: 10.44 ug/ml



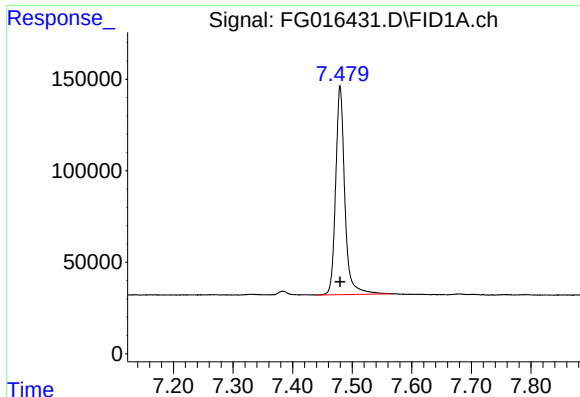
#3 A~Naphthalene (C11.7)

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 1273830
Conc: 10.38 ug/ml



#4 n-Dodecane (C12)

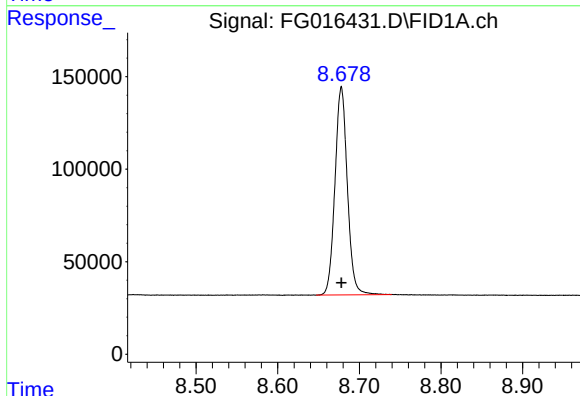
R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 1187209
Conc: 10.43 ug/ml



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

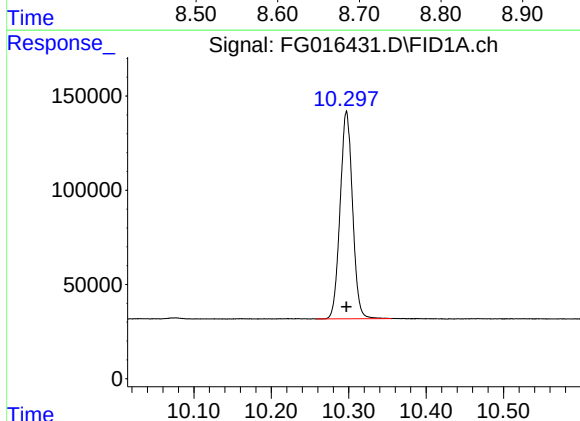
R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 1216851
Conc: 10.27 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



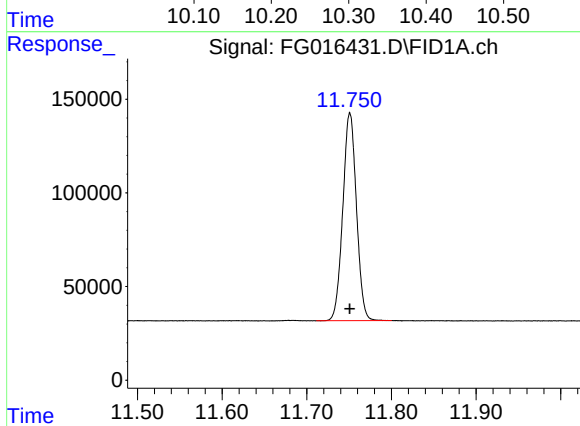
#6 n-Tetradecane (C14)

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 1185844
Conc: 10.47 ug/ml



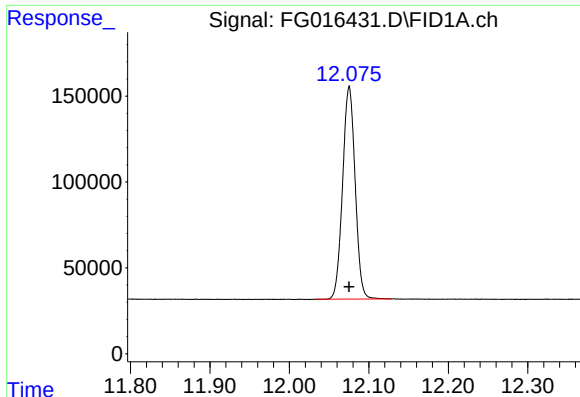
#7 n-Hexadecane (C16)

R.T.: 10.297 min
Delta R.T.: 0.000 min
Response: 1225955
Conc: 10.47 ug/ml



#8 n-Octadecane (C18)

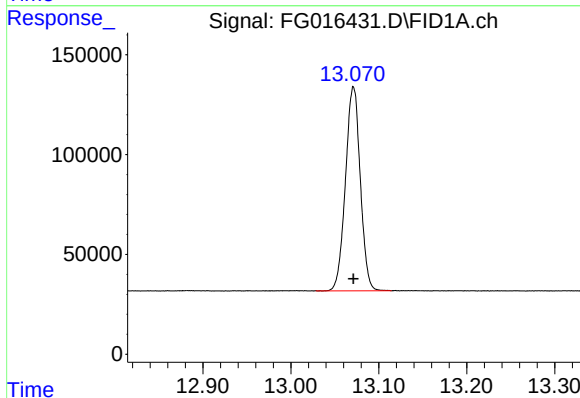
R.T.: 11.751 min
Delta R.T.: 0.000 min
Response: 1241465
Conc: 10.48 ug/ml



#9 ortho-Terphenyl (SURR)

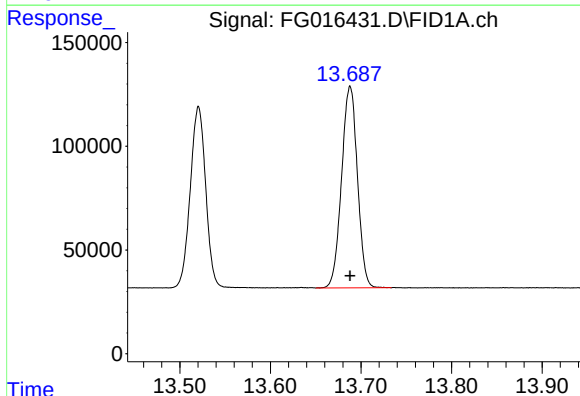
R.T.: 12.075 min
Delta R.T.: 0.000 min
Response: 1358722
Conc: 10.46 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



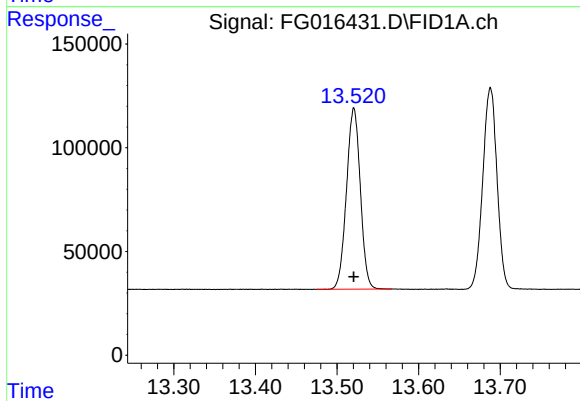
#10 n-Eicosane (C20)

R.T.: 13.071 min
Delta R.T.: 0.000 min
Response: 1198604
Conc: 10.49 ug/ml



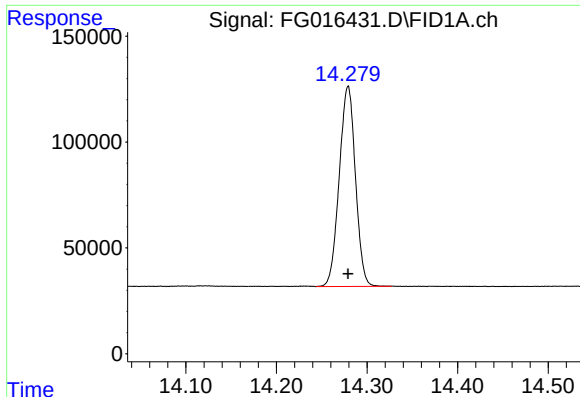
#11 n-Heneicosane (C21)

R.T.: 13.688 min
Delta R.T.: 0.000 min
Response: 1181643
Conc: 10.50 ug/ml



#12 1-chlorooctadecane (SURR)

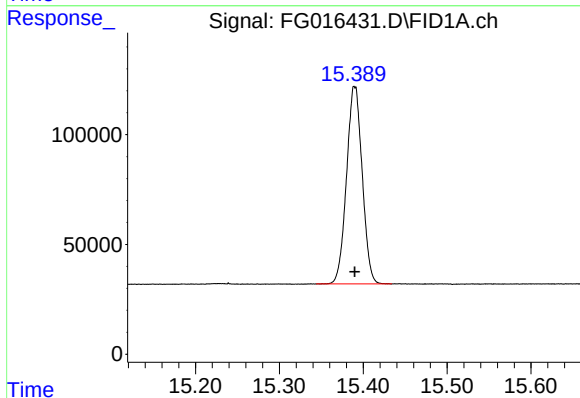
R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 1030441
Conc: 10.44 ug/ml



#13 n-Docosane (C22)

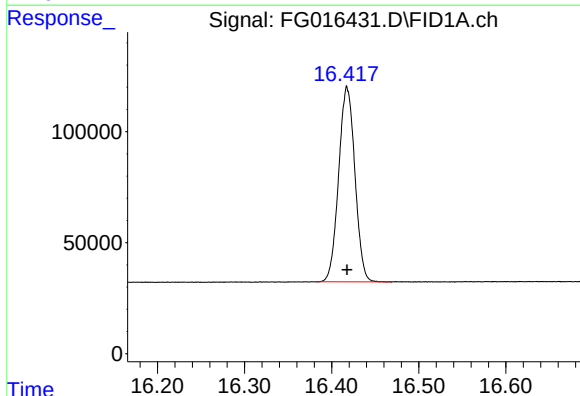
R.T.: 14.279 min
Delta R.T.: 0.000 min
Response: 1174116
Conc: 10.49 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



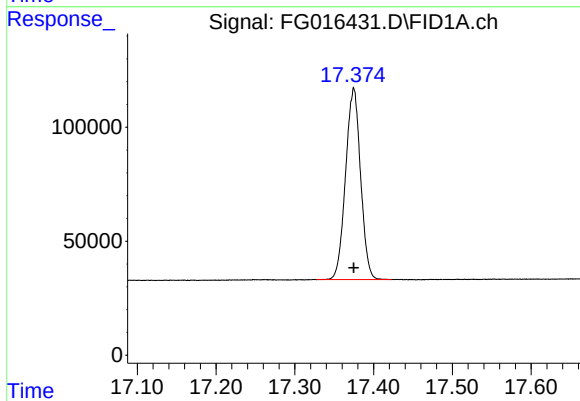
#14 n-Tetracosane (C24)

R.T.: 15.390 min
Delta R.T.: 0.000 min
Response: 1167745
Conc: 10.49 ug/ml



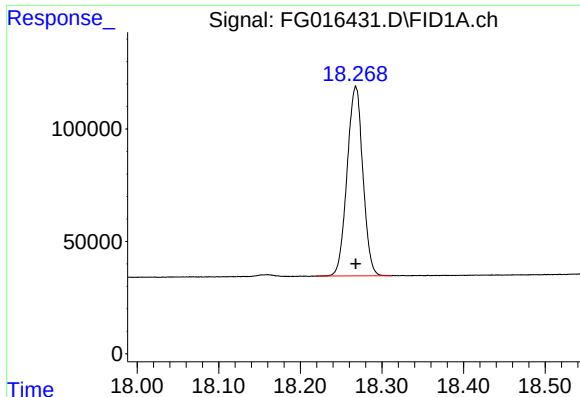
#15 n-Hexacosane (C26)

R.T.: 16.418 min
Delta R.T.: 0.000 min
Response: 1139703
Conc: 10.48 ug/ml



#16 n-Octacosane (C28)

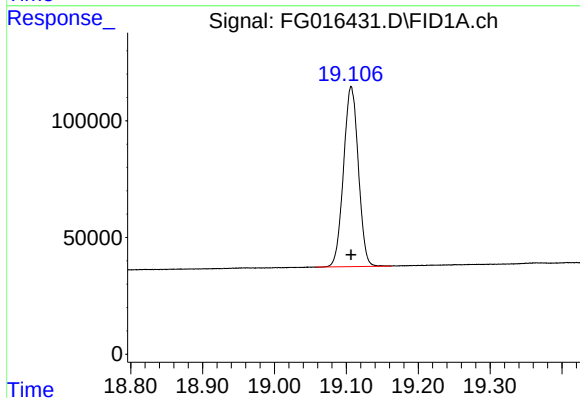
R.T.: 17.375 min
Delta R.T.: 0.000 min
Response: 1110183
Conc: 10.51 ug/ml



#17 n-Tricontane (C30)

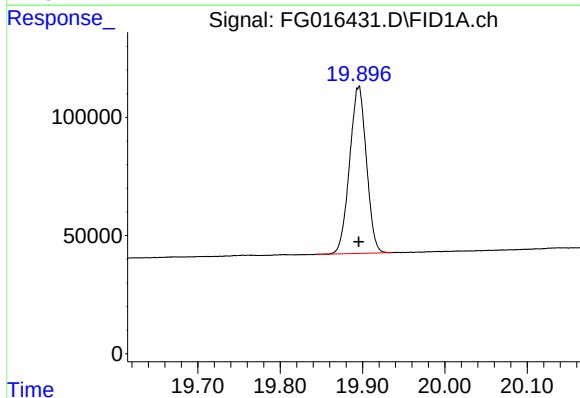
R.T.: 18.268 min
Delta R.T.: 0.000 min
Response: 1131301
Conc: 10.65 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



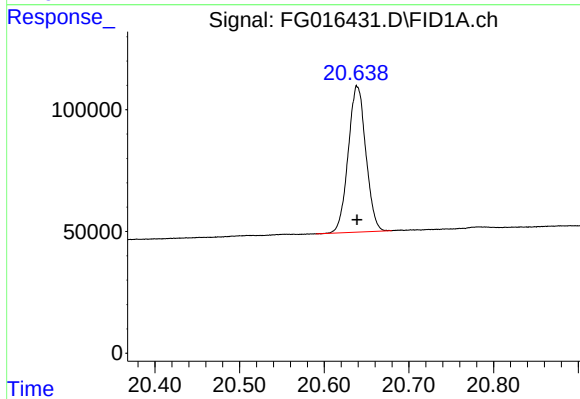
#18 n-Dotriacontane (C32)

R.T.: 19.107 min
Delta R.T.: 0.000 min
Response: 1103180
Conc: 10.83 ug/ml



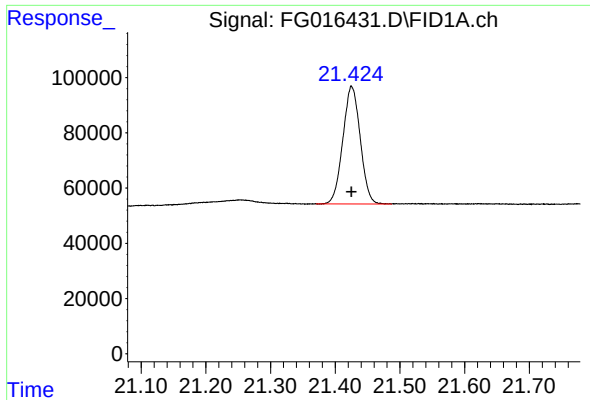
#19 n-Tetratriacontane (C34)

R.T.: 19.895 min
Delta R.T.: 0.000 min
Response: 1001278
Conc: 10.75 ug/ml



#20 n-Hexatriacontane (C36)

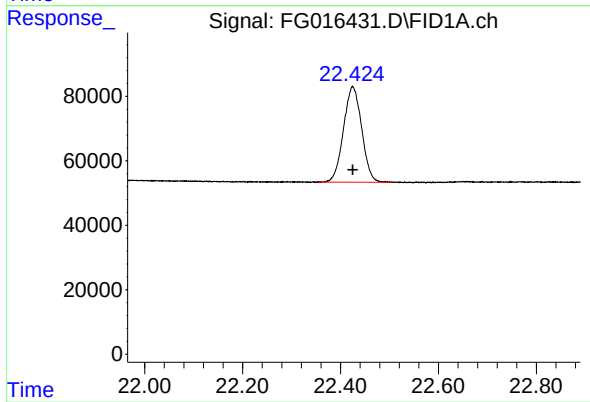
R.T.: 20.639 min
Delta R.T.: 0.000 min
Response: 867482
Conc: 10.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.425 min
Delta R.T.: 0.000 min
Response: 795746
Conc: 10.62 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.425 min
Delta R.T.: 0.000 min
Response: 764662
Conc: 10.58 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
 Data File : FG016431.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 11:01
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.394	3.354	3.437	BB	118238	1160960	85.45%	4.701%
2	4.656	4.623	4.700	BB	120520	1178133	86.71%	4.771%
3	6.377	6.350	6.447	BB	128389	1273830	93.75%	5.158%
4	6.837	6.805	6.887	BB	119586	1187209	87.38%	4.807%
5	7.480	7.440	7.566	BB	113837	1216851	89.56%	4.928%
6	8.678	8.647	8.739	BB	112593	1185844	87.28%	4.802%
7	10.297	10.258	10.355	BB	110074	1225955	90.23%	4.964%
8	11.751	11.711	11.800	BB	110858	1241465	91.37%	5.027%
9	12.075	12.034	12.129	BB	124153	1358722	100.00%	5.502%
10	13.071	13.029	13.115	BB	102194	1198604	88.22%	4.854%
11	13.521	13.475	13.567	BB	87576	1030441	75.84%	4.173%
12	13.688	13.650	13.734	BB	97316	1181643	86.97%	4.785%
13	14.279	14.244	14.327	BB	94840	1174116	86.41%	4.754%
14	15.390	15.344	15.434	BB	89670	1167745	85.94%	4.729%
15	16.418	16.382	16.469	BB	87587	1139703	83.88%	4.615%
16	17.375	17.327	17.423	BB	83721	1110183	81.71%	4.496%
17	18.268	18.220	18.312	BB	84423	1131301	83.26%	4.581%
18	19.107	19.058	19.163	BB	77131	1103180	81.19%	4.467%
19	19.895	19.844	19.935	BB	70327	1001278	73.69%	4.055%
20	20.639	20.590	20.680	BB	59741	867482	63.85%	3.513%
21	21.425	21.370	21.487	BB	42693	795746	58.57%	3.222%
22	22.425	22.350	22.505	BB	29697	764662	56.28%	3.096%
Sum of corrected areas:							24695053	

Aliphatic EPH 082825.M Thu Aug 28 12:39:40 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
 Data File : FG016432.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 11:31
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 28 12:00:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:00:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.075	712065	5.379 ug/ml
Spiked Amount 50.000		Recovery =	10.76%
12) S 1-chlorooctadecane (S...	13.521	541931	5.384 ug/ml
Spiked Amount 50.000		Recovery =	10.77%
Target Compounds			
1) T n-Nonane (C9)	3.394	610616	5.397 ug/ml
2) T n-Decane (C10)	4.656	621256	5.397 ug/ml
3) T A~Naphthalene (C11.7)	6.376	649272	5.229 ug/ml
4) T n-Dodecane (C12)	6.836	622609	5.367 ug/ml
5) T A~2-methylnaphthalene...	7.479	613133	5.140 ug/ml
6) T n-Tetradecane (C14)	8.678	619409	5.368 ug/ml
7) T n-Hexadecane (C16)	10.297	643145	5.388 ug/ml
8) T n-Octadecane (C18)	11.751	652468	5.400 ug/ml
10) T n-Eicosane (C20)	13.071	631371	5.412 ug/ml
11) T n-Heneicosane (C21)	13.687	622765	5.418 ug/ml
13) T n-Docosane (C22)	14.278	616913	5.399 ug/ml
14) T n-Tetracosane (C24)	15.390	617105	5.425 ug/ml
15) T n-Hexacosane (C26)	16.418	601150	5.414 ug/ml
16) T n-Octacosane (C28)	17.374	589630	5.454 ug/ml
17) T n-Tricontane (C30)	18.269	605824	5.547 ug/ml
18) T n-Dotriacontane (C32)	19.107	590774	5.619 ug/ml
19) T n-Tetratriacontane (C34)	19.894	538538	5.608 ug/ml
20) T n-Hexatriacontane (C36)	20.639	462523	5.531 ug/ml
21) T n-Octatriacontane (C38)	21.426	426356	5.537 ug/ml
22) T n-Tetracontane (C40)	22.427	412555	5.553 ug/ml

(f)=RT Delta > 1/2 Window

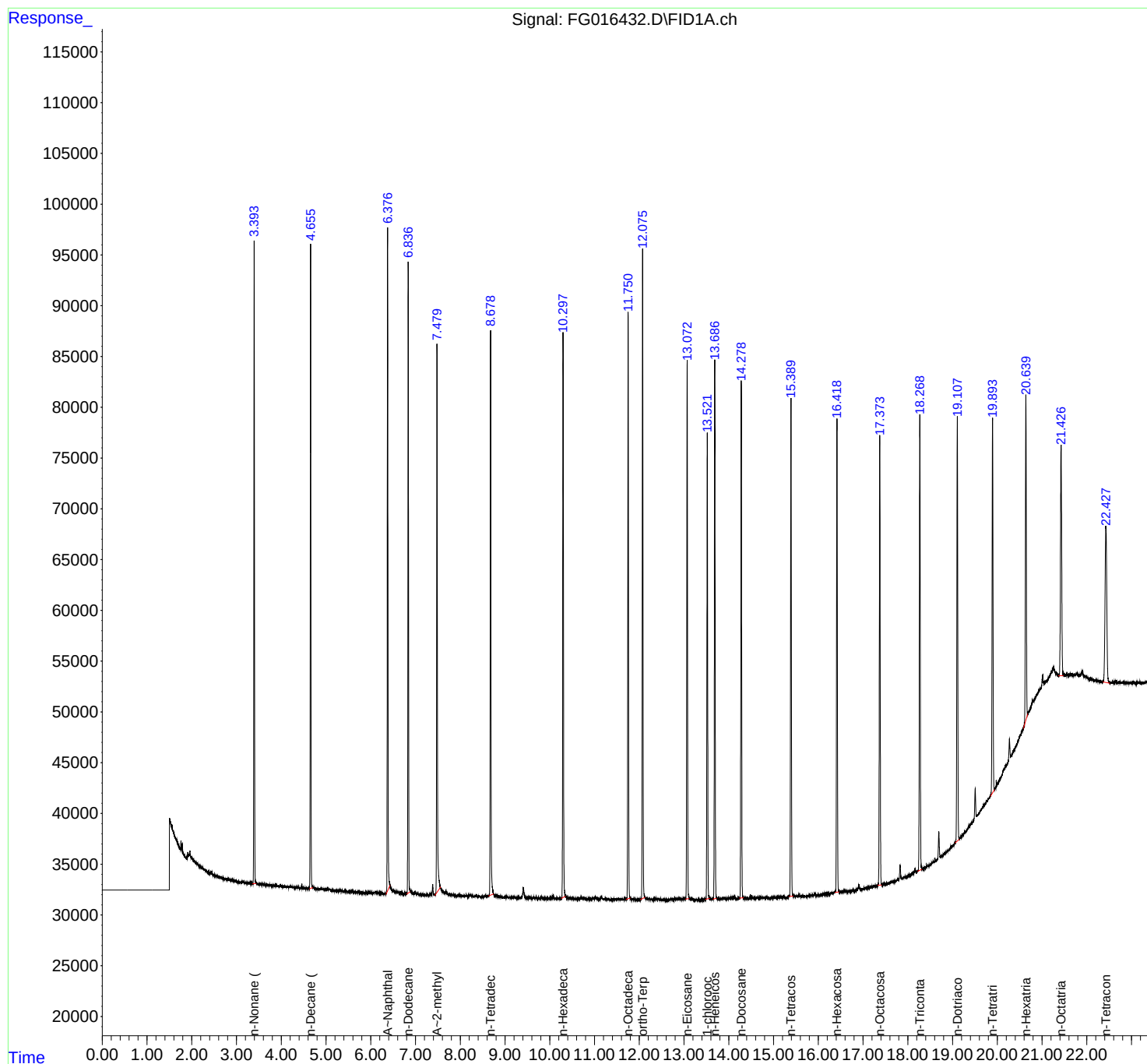
(m)=manual int.

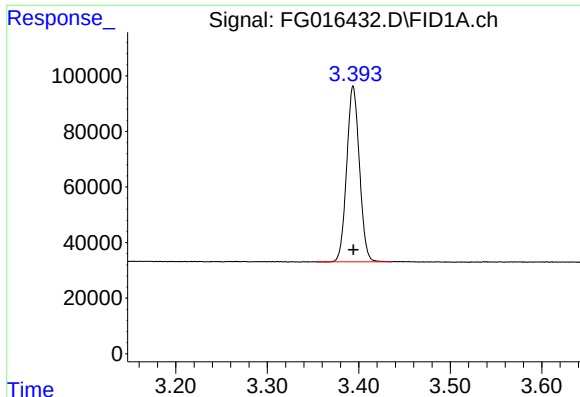
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
Data File : FG016432.D
Signal(s) : FID1A.ch
Acq On : 28 Aug 2025 11:31
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Aug 28 12:00:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Thu Aug 28 12:00:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

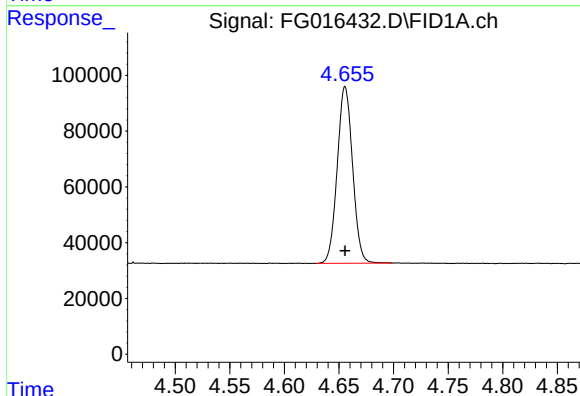




#1 n-Nonane (C9)

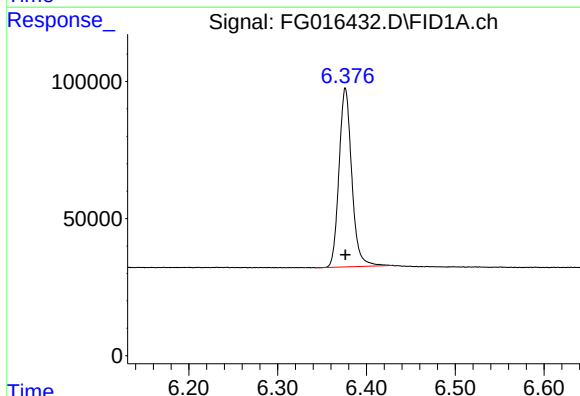
R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 610616
Conc: 5.40 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



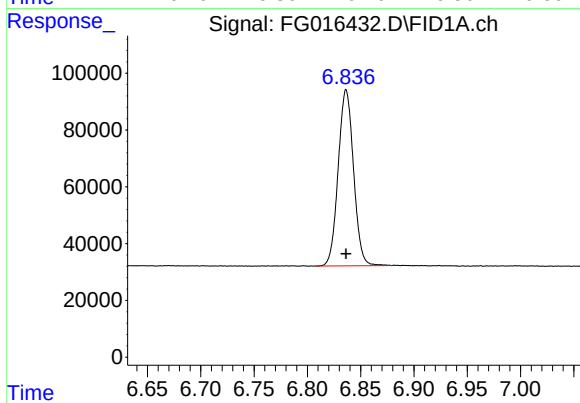
#2 n-Decane (C10)

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 621256
Conc: 5.40 ug/ml



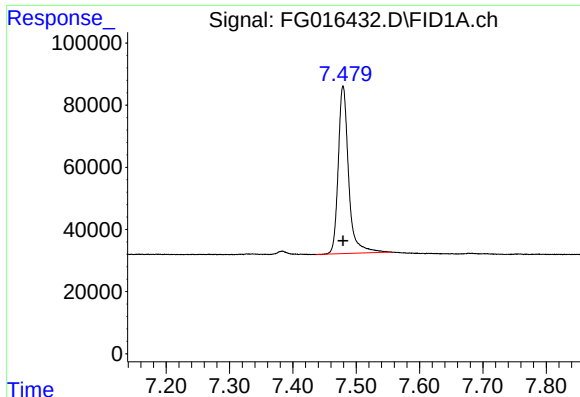
#3 A~Naphthalene (C11.7)

R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 649272
Conc: 5.23 ug/ml



#4 n-Dodecane (C12)

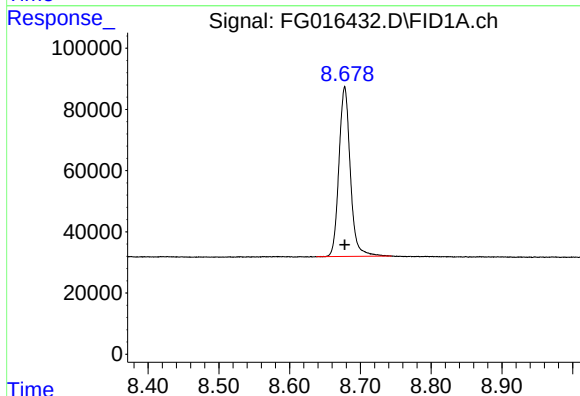
R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 622609
Conc: 5.37 ug/ml



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

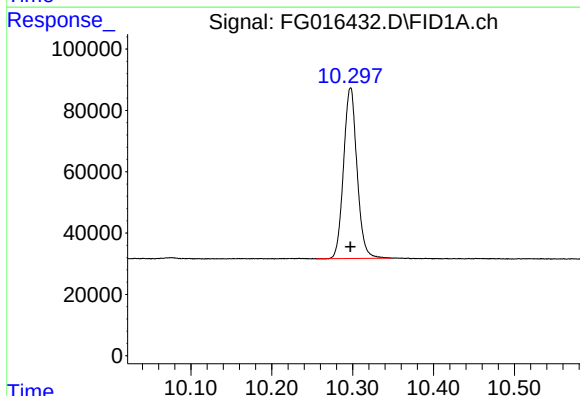
R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 613133
Conc: 5.14 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



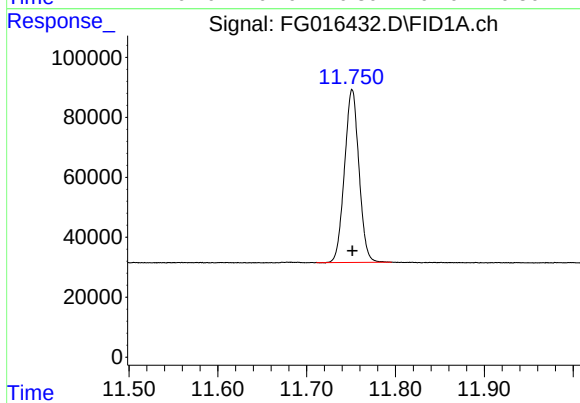
#6 n-Tetradecane (C14)

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 619409
Conc: 5.37 ug/ml



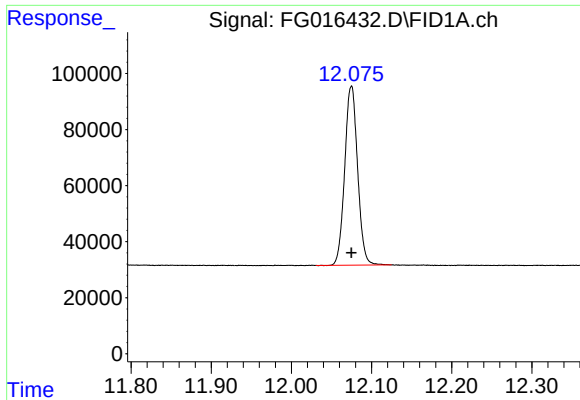
#7 n-Hexadecane (C16)

R.T.: 10.297 min
Delta R.T.: 0.000 min
Response: 643145
Conc: 5.39 ug/ml



#8 n-Octadecane (C18)

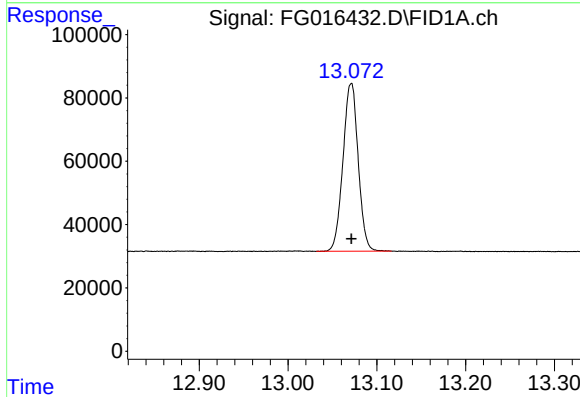
R.T.: 11.751 min
Delta R.T.: 0.000 min
Response: 652468
Conc: 5.40 ug/ml



#9 ortho-Terphenyl (SURR)

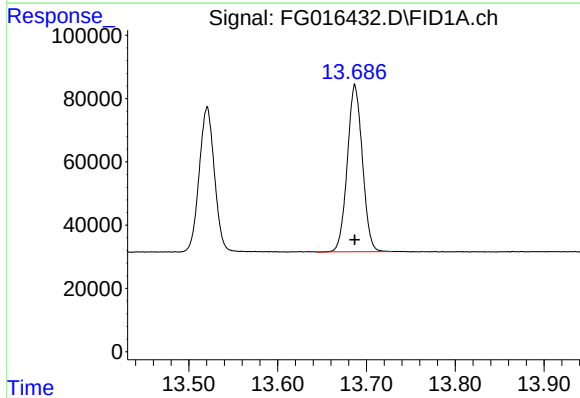
R.T.: 12.075 min
Delta R.T.: 0.000 min
Response: 712065
Conc: 5.38 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



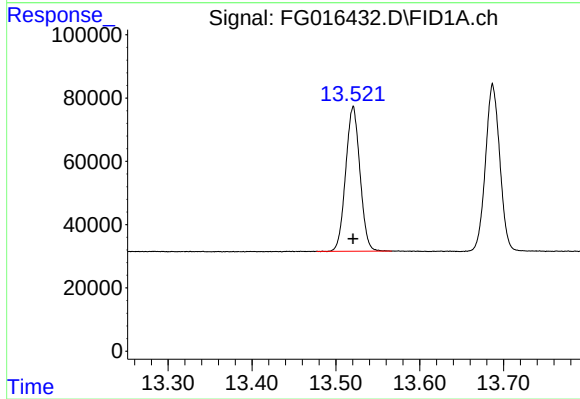
#10 n-Eicosane (C20)

R.T.: 13.071 min
Delta R.T.: 0.000 min
Response: 631371
Conc: 5.41 ug/ml



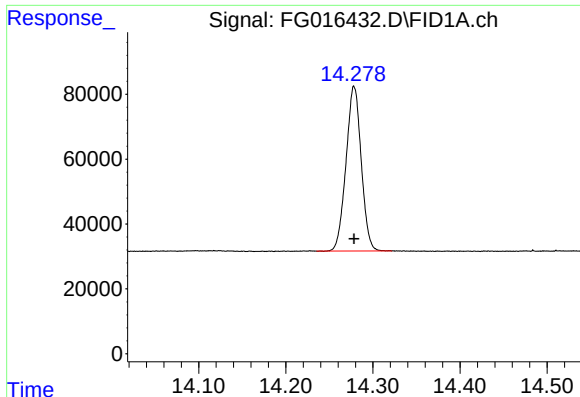
#11 n-Heneicosane (C21)

R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 622765
Conc: 5.42 ug/ml



#12 1-chlorooctadecane (SURR)

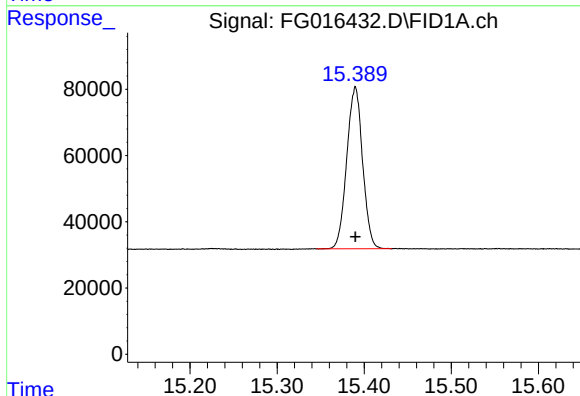
R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 541931
Conc: 5.38 ug/ml



#13 n-Docosane (C22)

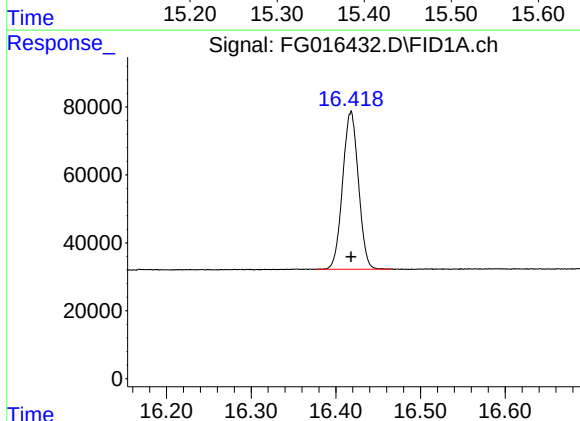
R.T.: 14.278 min
Delta R.T.: 0.000 min
Response: 616913
Conc: 5.40 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



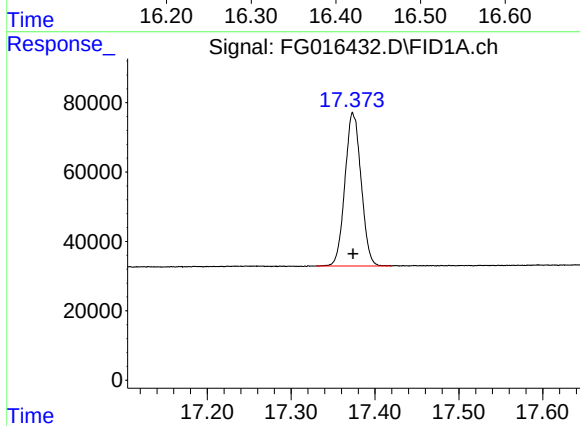
#14 n-Tetracosane (C24)

R.T.: 15.390 min
Delta R.T.: 0.000 min
Response: 617105
Conc: 5.43 ug/ml



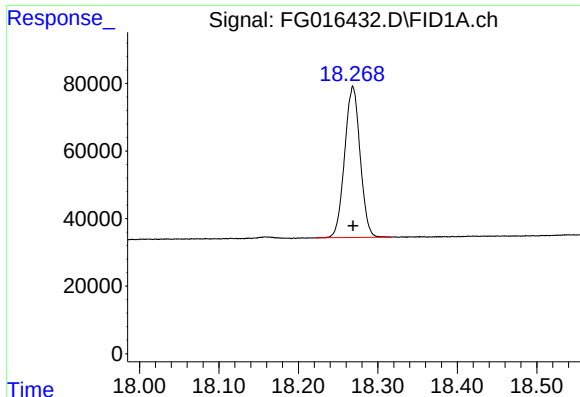
#15 n-Hexacosane (C26)

R.T.: 16.418 min
Delta R.T.: 0.000 min
Response: 601150
Conc: 5.41 ug/ml



#16 n-Octacosane (C28)

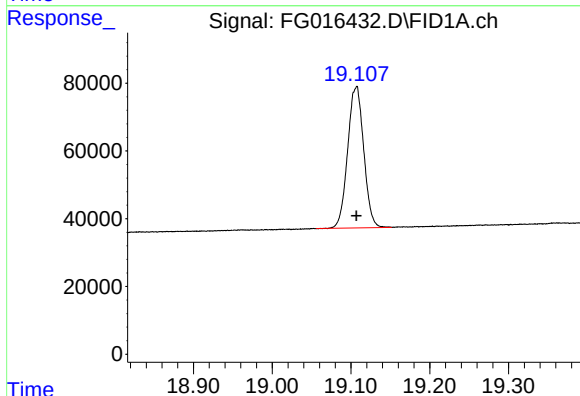
R.T.: 17.374 min
Delta R.T.: 0.000 min
Response: 589630
Conc: 5.45 ug/ml



#17 n-Tricontane (C30)

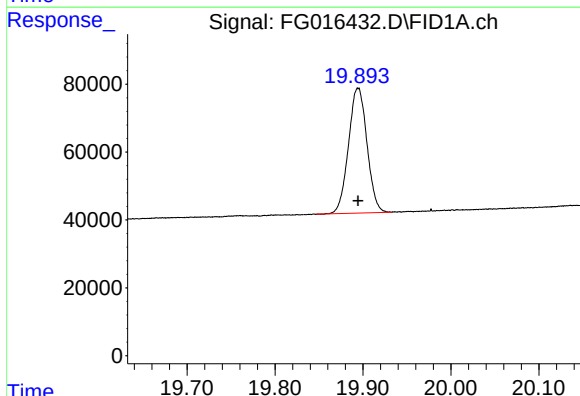
R.T.: 18.269 min
Delta R.T.: 0.000 min
Response: 605824
Conc: 5.55 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



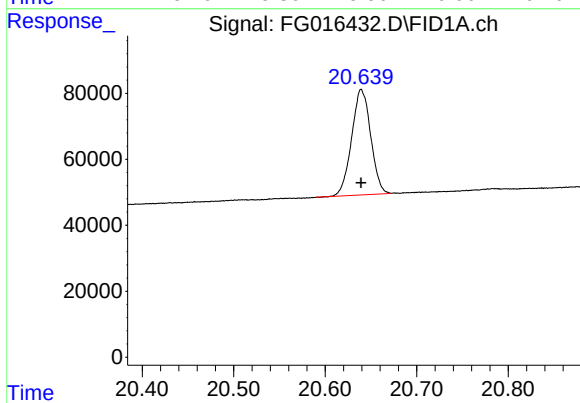
#18 n-Dotriacontane (C32)

R.T.: 19.107 min
Delta R.T.: 0.000 min
Response: 590774
Conc: 5.62 ug/ml



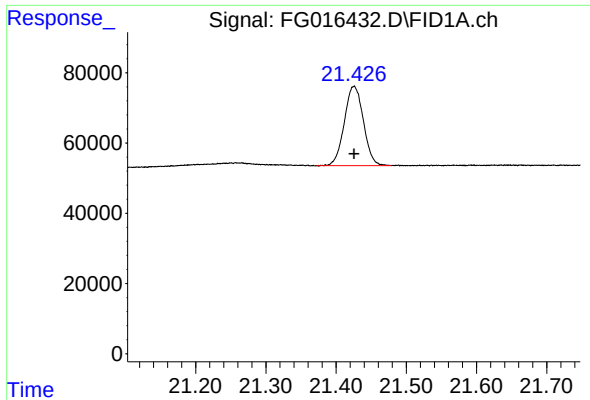
#19 n-Tetratriacontane (C34)

R.T.: 19.894 min
Delta R.T.: 0.000 min
Response: 538538
Conc: 5.61 ug/ml



#20 n-Hexatriacontane (C36)

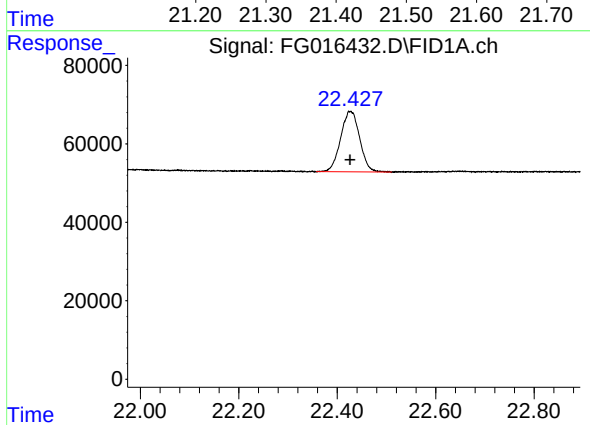
R.T.: 20.639 min
Delta R.T.: 0.000 min
Response: 462523
Conc: 5.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.426 min
Delta R.T.: 0.000 min
Response: 426356
Conc: 5.54 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.427 min
Delta R.T.: 0.000 min
Response: 412555
Conc: 5.55 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
 Data File : FG016432.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 11:31
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.394	3.353	3.436	BB	63189	610616	85.75%	4.697%
2	4.656	4.629	4.698	BB	63426	621256	87.25%	4.778%
3	6.376	6.343	6.428	BB	65099	649272	91.18%	4.994%
4	6.836	6.808	6.879	BB	62060	622609	87.44%	4.789%
5	7.479	7.437	7.556	BB	53979	613133	86.11%	4.716%
6	8.678	8.638	8.744	BB	55638	619409	86.99%	4.764%
7	10.297	10.255	10.348	BB	55640	643145	90.32%	4.947%
8	11.751	11.711	11.796	BB	57548	652468	91.63%	5.018%
9	12.075	12.031	12.125	BB	63938	712065	100.00%	5.477%
10	13.071	13.032	13.117	BB	52896	631371	88.67%	4.856%
11	13.521	13.477	13.567	BB	45912	541931	76.11%	4.168%
12	13.687	13.643	13.728	BB	52949	622765	87.46%	4.790%
13	14.278	14.235	14.322	BB	50764	616913	86.64%	4.745%
14	15.390	15.345	15.432	BB	48972	617105	86.66%	4.746%
15	16.418	16.377	16.466	BB	46208	601150	84.42%	4.624%
16	17.374	17.330	17.420	BB	44184	589630	82.81%	4.535%
17	18.269	18.223	18.318	BB	44846	605824	85.08%	4.660%
18	19.107	19.056	19.152	BB	41601	590774	82.97%	4.544%
19	19.894	19.847	19.933	BB	36751	538538	75.63%	4.142%
20	20.639	20.590	20.672	BB	32024	462523	64.96%	3.557%
21	21.426	21.372	21.479	BB	22643	426356	59.88%	3.279%
22	22.427	22.357	22.510	BB	15385	412555	57.94%	3.173%
Sum of corrected areas:							13001407	

Aliphatic EPH 082825.M Thu Aug 28 12:39:56 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
 Data File : FG016433.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 12:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 28 12:19:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 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)	12.077	2636946	19.918 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
12) S 1-chlorooctadecane (S...	13.522	2007356	19.942 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
Target Compounds			
1) T n-Nonane (C9)	3.394	2250558	19.894 ug/ml
2) T n-Decane (C10)	4.656	2288873	19.884 ug/ml
3) T A~Naphthalene (C11.7)	6.376	2487775	20.034 ug/ml
4) T n-Dodecane (C12)	6.838	2309255	19.906 ug/ml
5) T A~2-methylnaphthalene...	7.480	2394760	20.076 ug/ml
6) T n-Tetradecane (C14)	8.678	2297738	19.914 ug/ml
7) T n-Hexadecane (C16)	10.298	2374028	19.889 ug/ml
8) T n-Octadecane (C18)	11.752	2404253	19.898 ug/ml
10) T n-Eicosane (C20)	13.072	2318928	19.878 ug/ml
11) T n-Heneicosane (C21)	13.688	2286955	19.897 ug/ml
13) T n-Docosane (C22)	14.280	2275641	19.917 ug/ml
14) T n-Tetracosane (C24)	15.391	2266968	19.930 ug/ml
15) T n-Hexacosane (C26)	16.420	2213541	19.935 ug/ml
16) T n-Octacosane (C28)	17.377	2152761	19.913 ug/ml
17) T n-Tricontane (C30)	18.270	2177192	19.934 ug/ml
18) T n-Dotriacontane (C32)	19.109	2097050	19.946 ug/ml
19) T n-Tetratriacontane (C34)	19.897	1916299	19.955 ug/ml
20) T n-Hexatriacontane (C36)	20.642	1666053	19.923 ug/ml
21) T n-Octatriacontane (C38)	21.427	1525368	19.811 ug/ml
22) T n-Tetracontane (C40)	22.429	1460690	19.661 ug/ml

(f)=RT Delta > 1/2 Window

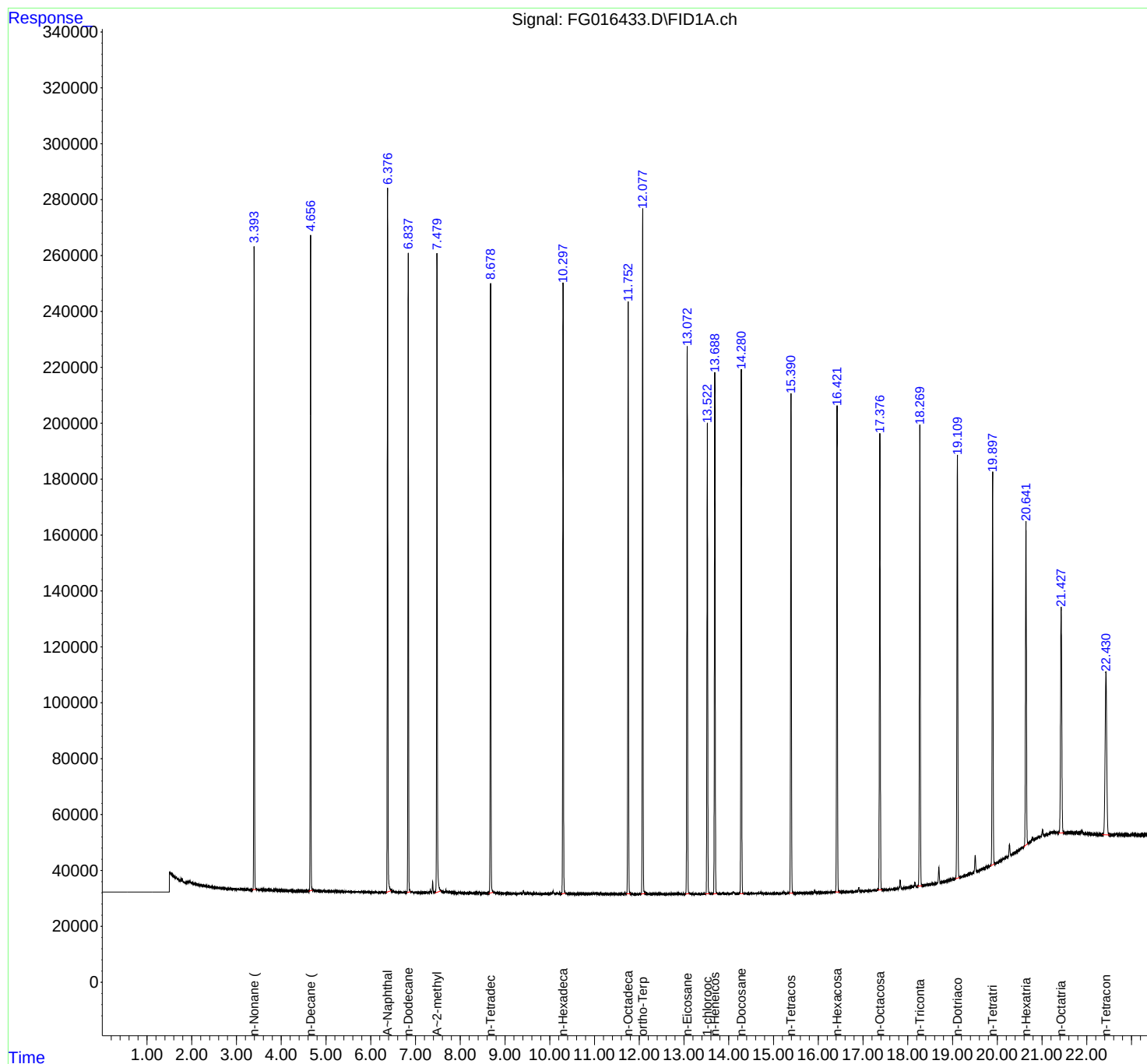
(m)=manual int.

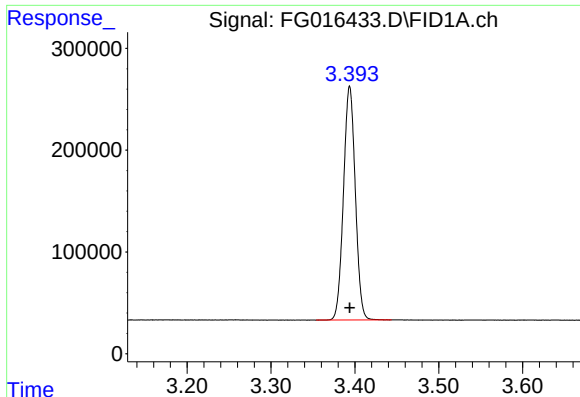
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
Data File : FG016433.D
Signal(s) : FID1A.ch
Acq On : 28 Aug 2025 12:00
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Aug 28 12:19:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Thu Aug 28 12:01:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

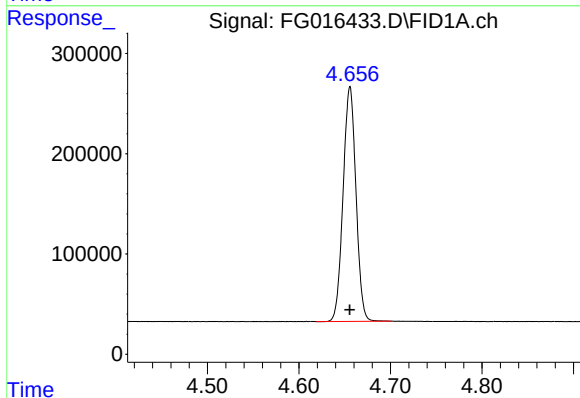
R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 2250558
Conc: 19.89 ug/ml

Instrument :

FID_G

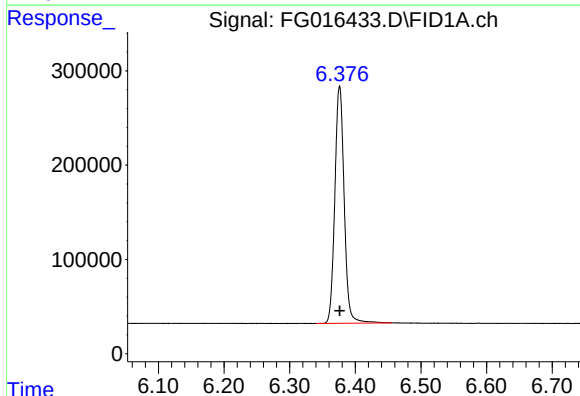
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



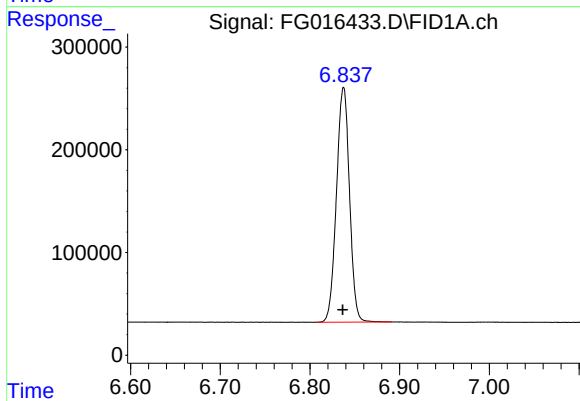
#2 n-Decane (C10)

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 2288873
Conc: 19.88 ug/ml



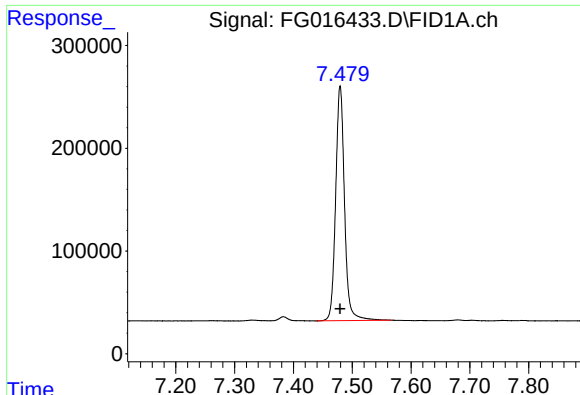
#3 A~Naphthalene (C11.7)

R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 2487775
Conc: 20.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.838 min
Delta R.T.: 0.001 min
Response: 2309255
Conc: 19.91 ug/ml



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

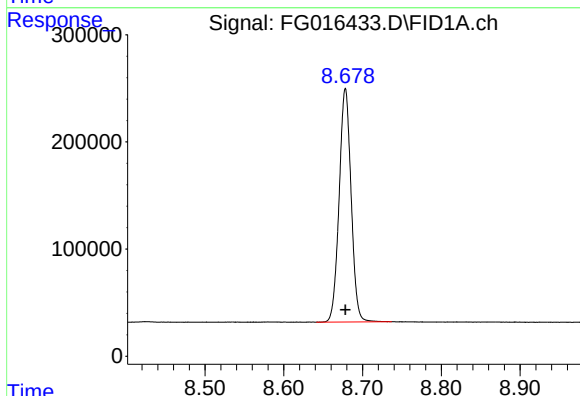
R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 2394760
Conc: 20.08 ug/ml

Instrument :

FID_G

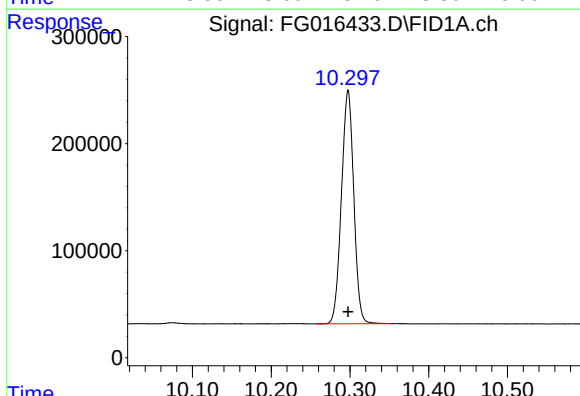
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



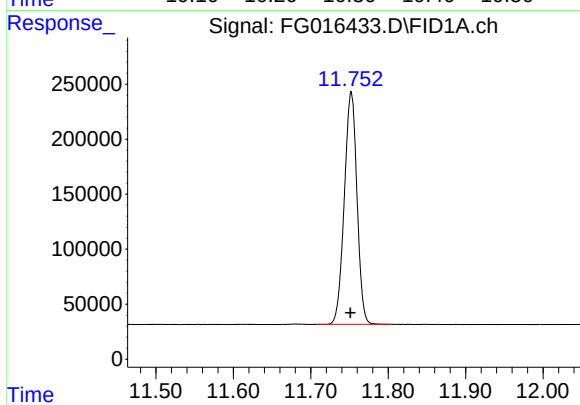
#6 n-Tetradecane (C14)

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 2297738
Conc: 19.91 ug/ml



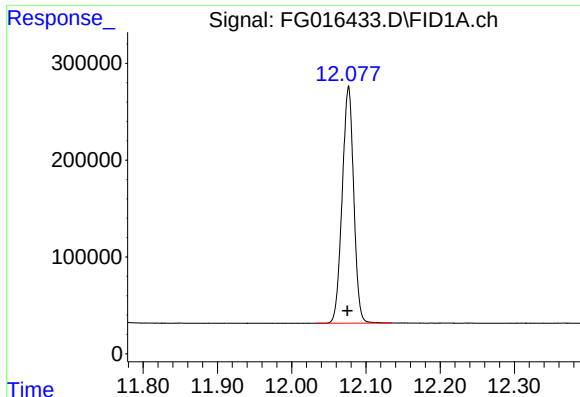
#7 n-Hexadecane (C16)

R.T.: 10.298 min
Delta R.T.: 0.000 min
Response: 2374028
Conc: 19.89 ug/ml



#8 n-Octadecane (C18)

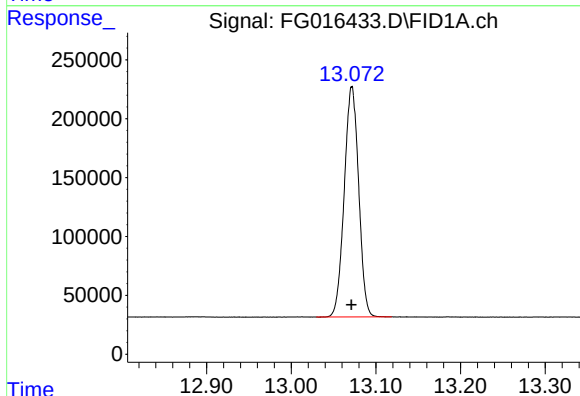
R.T.: 11.752 min
Delta R.T.: 0.000 min
Response: 2404253
Conc: 19.90 ug/ml



#9 ortho-Terphenyl (SURR)

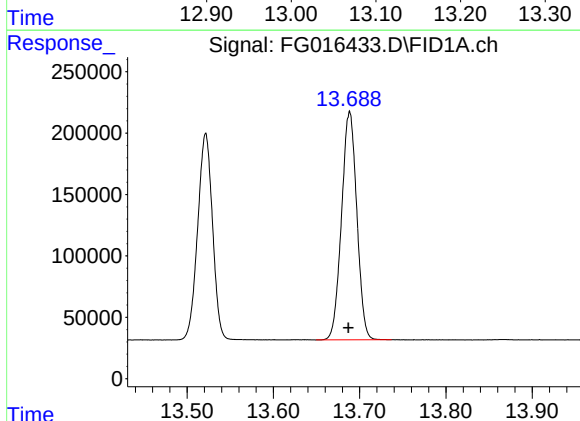
R.T.: 12.077 min
Delta R.T.: 0.002 min
Response: 2636946
Conc: 19.92 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



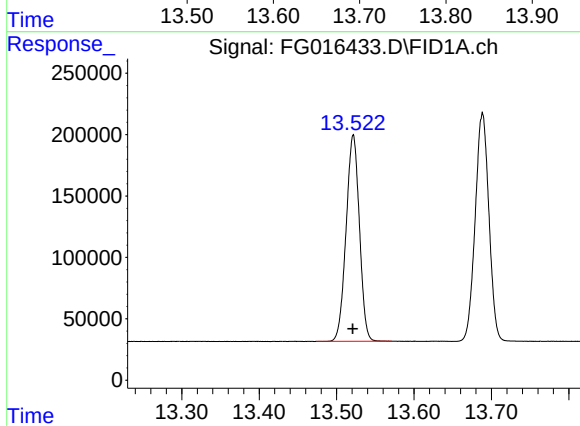
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 2318928
Conc: 19.88 ug/ml



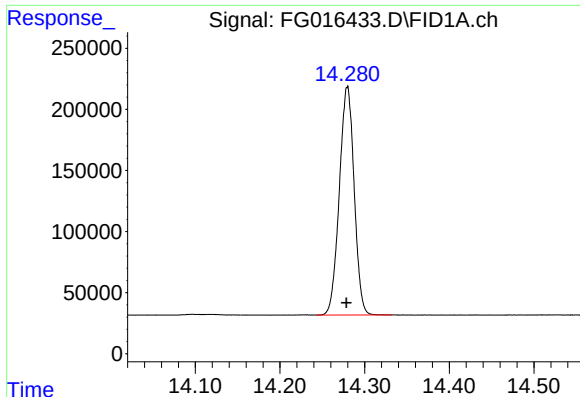
#11 n-Heneicosane (C21)

R.T.: 13.688 min
Delta R.T.: 0.001 min
Response: 2286955
Conc: 19.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 2007356
Conc: 19.94 ug/ml



#13 n-Docosane (C22)

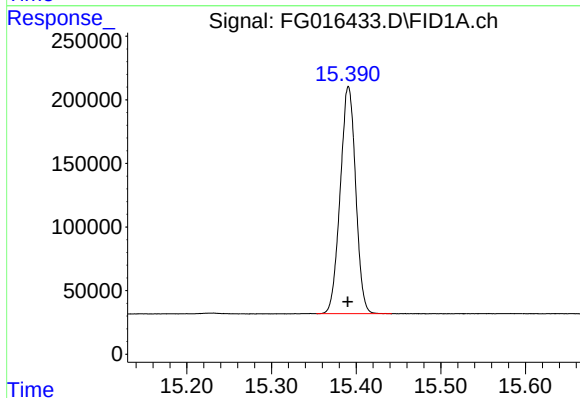
R.T.: 14.280 min
Delta R.T.: 0.001 min
Response: 2275641
Conc: 19.92 ug/ml

Instrument :

FID_G

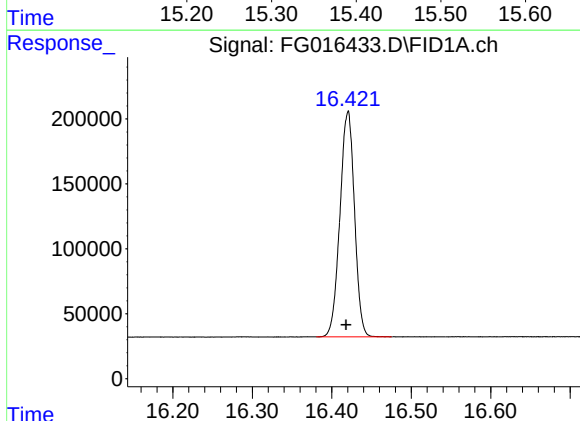
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



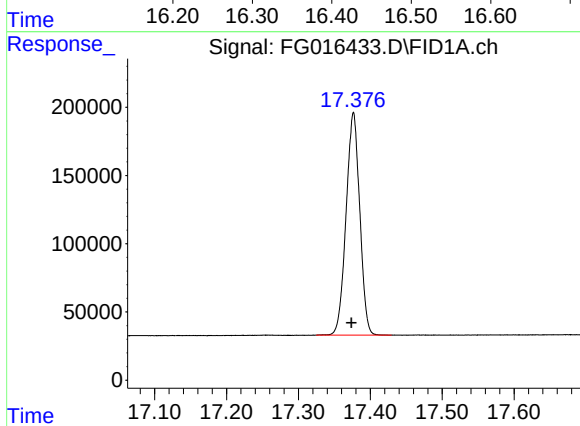
#14 n-Tetracosane (C24)

R.T.: 15.391 min
Delta R.T.: 0.000 min
Response: 2266968
Conc: 19.93 ug/ml



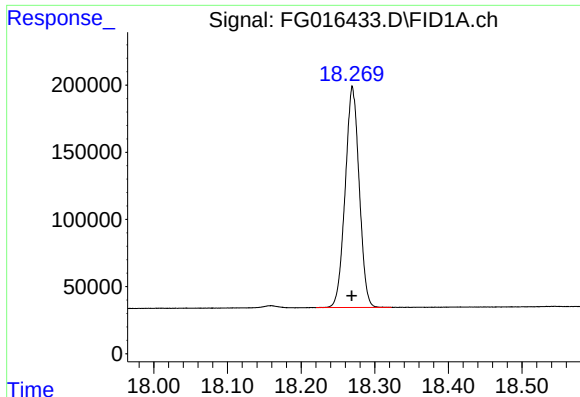
#15 n-Hexacosane (C26)

R.T.: 16.420 min
Delta R.T.: 0.003 min
Response: 2213541
Conc: 19.93 ug/ml



#16 n-Octacosane (C28)

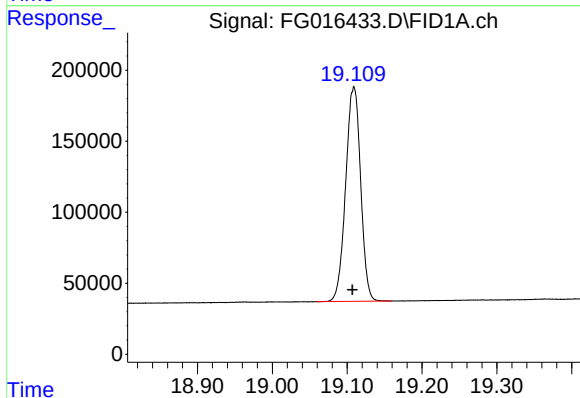
R.T.: 17.377 min
Delta R.T.: 0.003 min
Response: 2152761
Conc: 19.91 ug/ml



#17 n-Tricontane (C30)

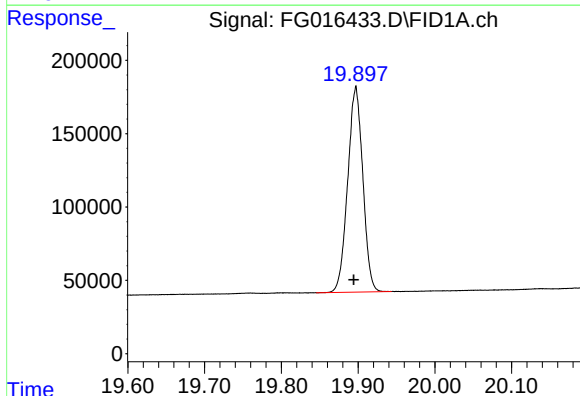
R.T.: 18.270 min
Delta R.T.: 0.000 min
Response: 2177192
Conc: 19.93 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



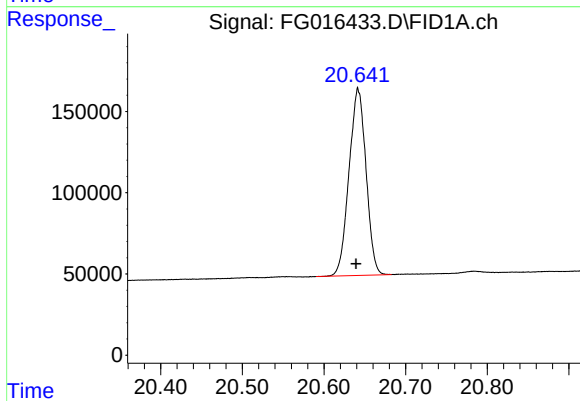
#18 n-Dotriacontane (C32)

R.T.: 19.109 min
Delta R.T.: 0.002 min
Response: 2097050
Conc: 19.95 ug/ml



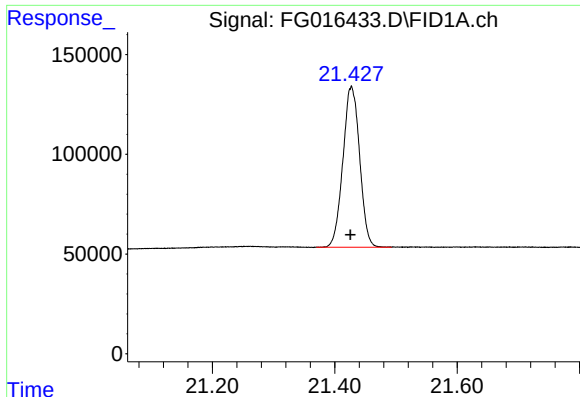
#19 n-Tetratriacontane (C34)

R.T.: 19.897 min
Delta R.T.: 0.003 min
Response: 1916299
Conc: 19.96 ug/ml



#20 n-Hexatriacontane (C36)

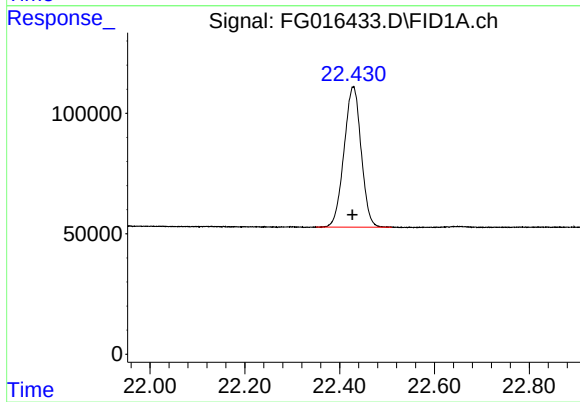
R.T.: 20.642 min
Delta R.T.: 0.003 min
Response: 1666053
Conc: 19.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.427 min
Delta R.T.: 0.002 min
Response: 1525368
Conc: 19.81 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.429 min
Delta R.T.: 0.002 min
Response: 1460690
Conc: 19.66 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
 Data File : FG016433.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 12:00
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.394	3.354	3.444	BB	230011	2250558	85.35%	4.707%
2	4.656	4.619	4.701	BB	234691	2288873	86.80%	4.788%
3	6.376	6.340	6.455	BB	251756	2487775	94.34%	5.204%
4	6.838	6.807	6.891	BB	228722	2309255	87.57%	4.830%
5	7.480	7.439	7.567	BB	228271	2394760	90.82%	5.009%
6	8.678	8.641	8.737	BB	218357	2297738	87.14%	4.806%
7	10.298	10.257	10.353	BB	218425	2374028	90.03%	4.966%
8	11.752	11.707	11.805	BB	211708	2404253	91.18%	5.029%
9	12.077	12.033	12.135	BB	245472	2636946	100.00%	5.516%
10	13.072	13.030	13.119	BB	195831	2318928	87.94%	4.850%
11	13.522	13.474	13.571	BB	168753	2007356	76.12%	4.199%
12	13.688	13.650	13.737	BB	186336	2286955	86.73%	4.784%
13	14.280	14.243	14.332	BB	186322	2275641	86.30%	4.760%
14	15.391	15.353	15.442	BB	178728	2266968	85.97%	4.742%
15	16.420	16.380	16.475	BB	173473	2213541	83.94%	4.630%
16	17.377	17.325	17.430	BB	163391	2152761	81.64%	4.503%
17	18.270	18.220	18.323	BB	164681	2177192	82.56%	4.554%
18	19.109	19.059	19.160	BB	151335	2097050	79.53%	4.386%
19	19.897	19.845	19.944	BB	140326	1916299	72.67%	4.008%
20	20.642	20.590	20.683	BB	114637	1666053	63.18%	3.485%
21	21.427	21.370	21.493	BB	80862	1525368	57.85%	3.191%
22	22.429	22.350	22.510	BB	58105	1460690	55.39%	3.055%
Sum of corrected areas:							47808986	

Aliphatic EPH 082825.M Thu Aug 28 12:40:21 2025

Continuing Calibration Report for SequenceID : FE090325AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FE055628.D

Aliphatic C9-C12	8892473.000	60.000	3.314	6.948	148207.883	128403.808	-15.423
Aliphatic C12-C16	6318729.000	40.000	6.949	10.401	157968.225	135095.243	-16.931
Aliphatic C16-C21	10097541.000	60.000	10.402	13.781	168292.350	144217.196	-16.694
Aliphatic C21-C28	13419436.000	80.000	13.782	17.452	167742.950	143235.734	-17.110
Aliphatic C28-C40	19922783.000	120.000	17.453	22.470	166023.192	137719.667	-20.552
Aliphatic EPH	58650962.000	360.000	3.314	22.470	162919.339	138184.135	-17.900

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	03 Sep 2025 09:15
Client Sample ID:		Operator:	YP\AJ
Data file:	FE055628.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.314	6.948	8892473.000	60.000	ug/ml
Aliphatic C12-C16	6.949	10.401	6318729.000	40.000	ug/ml
Aliphatic C16-C21	10.402	13.781	10097541.000	60.000	ug/ml
Aliphatic C21-C28	13.782	17.452	13419436.000	80.000	ug/ml
Aliphatic C28-C40	17.453	22.470	19922783.000	120.000	ug/ml
Aliphatic EPH	3.314	22.470	58650962.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090325AL\
 Data File : FE055628.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2025 09:15
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 03 10:48:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.078	3828963	23.307 ug/ml
Spiked Amount 50.000		Recovery =	46.61%
12) S 1-chlorooctadecane (S...	13.515	2870096	22.953 ug/ml
Spiked Amount 50.000		Recovery =	45.91%
Target Compounds			
1) T n-Nonane (C9)	3.414	2872387	22.635 ug/ml
2) T n-Decane (C10)	4.672	2975535	23.229 ug/ml
3) T A~Naphthalene (C11.7)	6.392	3382779	23.283 ug/ml
4) T n-Dodecane (C12)	6.848	3044551	23.381 ug/ml
5) T A~2-methylnaphthalene...	7.494	3275903	23.291 ug/ml
6) T n-Tetradecane (C14)	8.687	3075370	23.353 ug/ml
7) T n-Hexadecane (C16)	10.301	3243359	23.418 ug/ml
8) T n-Octadecane (C18)	11.752	3410281	23.380 ug/ml
10) T n-Eicosane (C20)	13.066	3361105	23.350 ug/ml
11) T n-Heneicosane (C21)	13.681	3326155	23.285 ug/ml
13) T n-Docosane (C22)	14.269	3352627	23.421 ug/ml
14) T n-Tetracosane (C24)	15.376	3389507	23.425 ug/ml
15) T n-Hexacosane (C26)	16.400	3339288	23.374 ug/ml
16) T n-Octacosane (C28)	17.352	3338014	23.468 ug/ml
17) T n-Tricontane (C30)	18.242	3526551	23.857 ug/ml
18) T n-Dotriacontane (C32)	19.076	3630355	24.734 ug/ml
19) T n-Tetratriacontane (C34)	19.861	3519950	24.914 ug/ml
20) T n-Hexatriacontane (C36)	20.603	3257441	24.686 ug/ml
21) T n-Octatriacontane (C38)	21.380	3129443	24.028 ug/ml
22) T n-Tetracontane (C40)	22.370	2859043	22.294 ug/ml

(f)=RT Delta > 1/2 Window

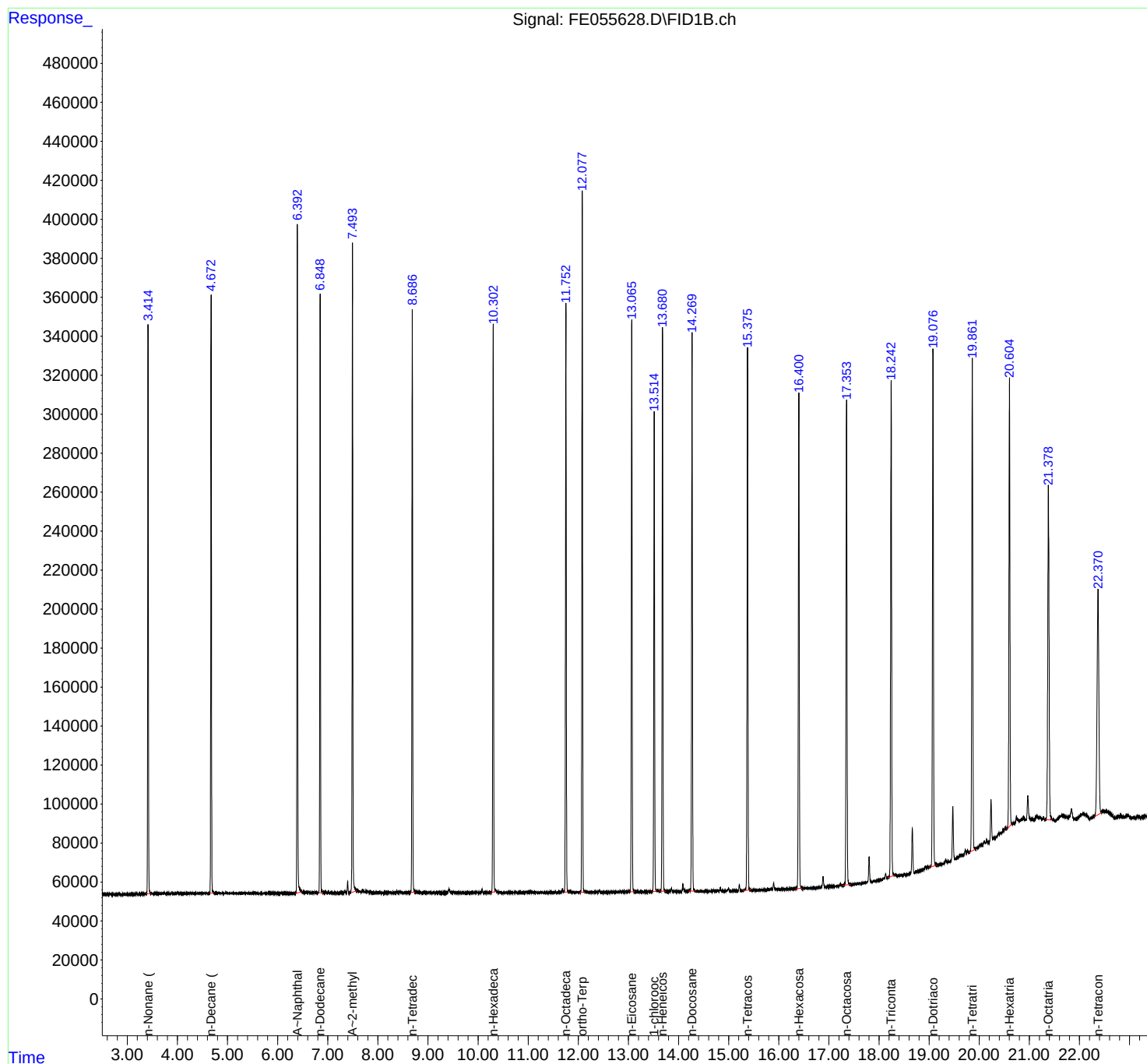
(m)=manual int.

```
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090325AL\  
Data File : FE055628.D  
Signal(s) : FID1B.ch  
Acq On    : 03 Sep 2025  09:15  
Operator  : YP\AJ  
Sample    : 20 PPM ALIPHATIC HC STD  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
```

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Sep 03 10:48:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 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\FE090325AL\
 Data File : FE055628.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2025 09:15
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	3.414	3.379	3.470	BB	292011	2872387	75.02%	3.989%
2	4.672	4.642	4.725	BB	306932	2975535	77.71%	4.132%
3	6.392	6.360	6.485	BB	342626	3382779	88.35%	4.698%
4	6.848	6.815	6.900	BB	307027	3044551	79.51%	4.228%
5	7.494	7.454	7.580	BB	333377	3275903	85.56%	4.549%
6	8.687	8.645	8.749	BB	298693	3075370	80.32%	4.271%
7	10.301	10.259	10.360	BB	292341	3243359	84.71%	4.504%
8	11.752	11.709	11.809	BB	302349	3410281	89.07%	4.736%
9	12.078	12.029	12.134	BB	358874	3828963	100.00%	5.317%
10	13.066	13.029	13.120	BB	293127	3361105	87.78%	4.668%
11	13.515	13.474	13.572	BB	244404	2870096	74.96%	3.986%
12	13.681	13.625	13.739	BB	288837	3326155	86.87%	4.619%
13	14.269	14.197	14.337	BB	286237	3352627	87.56%	4.656%
14	15.376	15.284	15.435	BB	278156	3389507	88.52%	4.707%
15	16.400	16.335	16.462	BB	254876	3339288	87.21%	4.637%
16	17.352	17.275	17.424	BB	248041	3338014	87.18%	4.636%
17	18.242	18.180	18.309	BB	254296	3526551	92.10%	4.897%
18	19.076	19.000	19.149	BB	265295	3630355	94.81%	5.042%
19	19.861	19.800	19.925	BB	253283	3519950	91.93%	4.888%
20	20.603	20.550	20.647	BB	229758	3257441	85.07%	4.524%
21	21.380	21.330	21.454	BB	169387	3129443	81.73%	4.346%
22	22.370	22.300	22.447	BB	115861	2859043	74.67%	3.970%
Sum of corrected areas:						72008702		

Aliphatic EPH 082925.M Wed Sep 03 10:51:17 2025

Continuing Calibration Report for SequenceID : FE090325AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FE055638.D

Aliphatic C9-C12	7526897.000	60.000	3.314	6.948	125448.283	128403.808	2.302
Aliphatic C12-C16	5379583.000	40.000	6.949	10.401	134489.575	135095.243	0.448
Aliphatic C16-C21	8682377.000	60.000	10.402	13.781	144706.283	144217.196	-0.339
Aliphatic C21-C28	11698379.000	80.000	13.782	17.452	146229.738	143235.734	-2.090
Aliphatic C28-C40	16925194.000	120.000	17.453	22.470	141043.283	137719.667	-2.413
Aliphatic EPH	50212430.000	360.000	3.314	22.470	139478.972	138184.135	-0.937

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	03 Sep 2025 14:55
Client Sample ID:		Operator:	YPVAJ
Data file:	FE055638.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.314	6.948	7526897.000	60.000	ug/ml
Aliphatic C12-C16	6.949	10.401	5379583.000	40.000	ug/ml
Aliphatic C16-C21	10.402	13.781	8682377.000	60.000	ug/ml
Aliphatic C21-C28	13.782	17.452	11698379.000	80.000	ug/ml
Aliphatic C28-C40	17.453	22.470	16925194.000	120.000	ug/ml
Aliphatic EPH	3.314	22.470	50212430.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090325AL\
 Data File : FE055638.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2025 14:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 04 05:10:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.075	3294566	20.054 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
12) S 1-chlorooctadecane (S...	13.512	2508221	20.059 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
Target Compounds			
1) T n-Nonane (C9)	3.412	2439288	19.222 ug/ml
2) T n-Decane (C10)	4.671	2512564	19.614 ug/ml
3) T A~Naphthalene (C11.7)	6.390	2860775	19.690 ug/ml
4) T n-Dodecane (C12)	6.847	2575045	19.776 ug/ml
5) T A~2-methylnaphthalene...	7.491	2784907	19.800 ug/ml
6) T n-Tetradecane (C14)	8.684	2615981	19.864 ug/ml
7) T n-Hexadecane (C16)	10.299	2763602	19.954 ug/ml
8) T n-Octadecane (C18)	11.749	2918964	20.012 ug/ml
10) T n-Eicosane (C20)	13.064	2893630	20.102 ug/ml
11) T n-Heneicosane (C21)	13.678	2869783	20.090 ug/ml
13) T n-Docosane (C22)	14.266	2893649	20.215 ug/ml
14) T n-Tetracosane (C24)	15.373	2984722	20.627 ug/ml
15) T n-Hexacosane (C26)	16.397	2899718	20.297 ug/ml
16) T n-Octacosane (C28)	17.349	2920290	20.531 ug/ml
17) T n-Tricontane (C30)	18.240	3021191	20.438 ug/ml
18) T n-Dotriacontane (C32)	19.074	3022911	20.595 ug/ml
19) T n-Tetratriacontane (C34)	19.860	2908058	20.583 ug/ml
20) T n-Hexatriacontane (C36)	20.601	2712778	20.558 ug/ml
21) T n-Octatriacontane (C38)	21.379	2670905	20.508 ug/ml
22) T n-Tetracontane (C40)	22.366	2589351	20.191 ug/ml

(f)=RT Delta > 1/2 Window

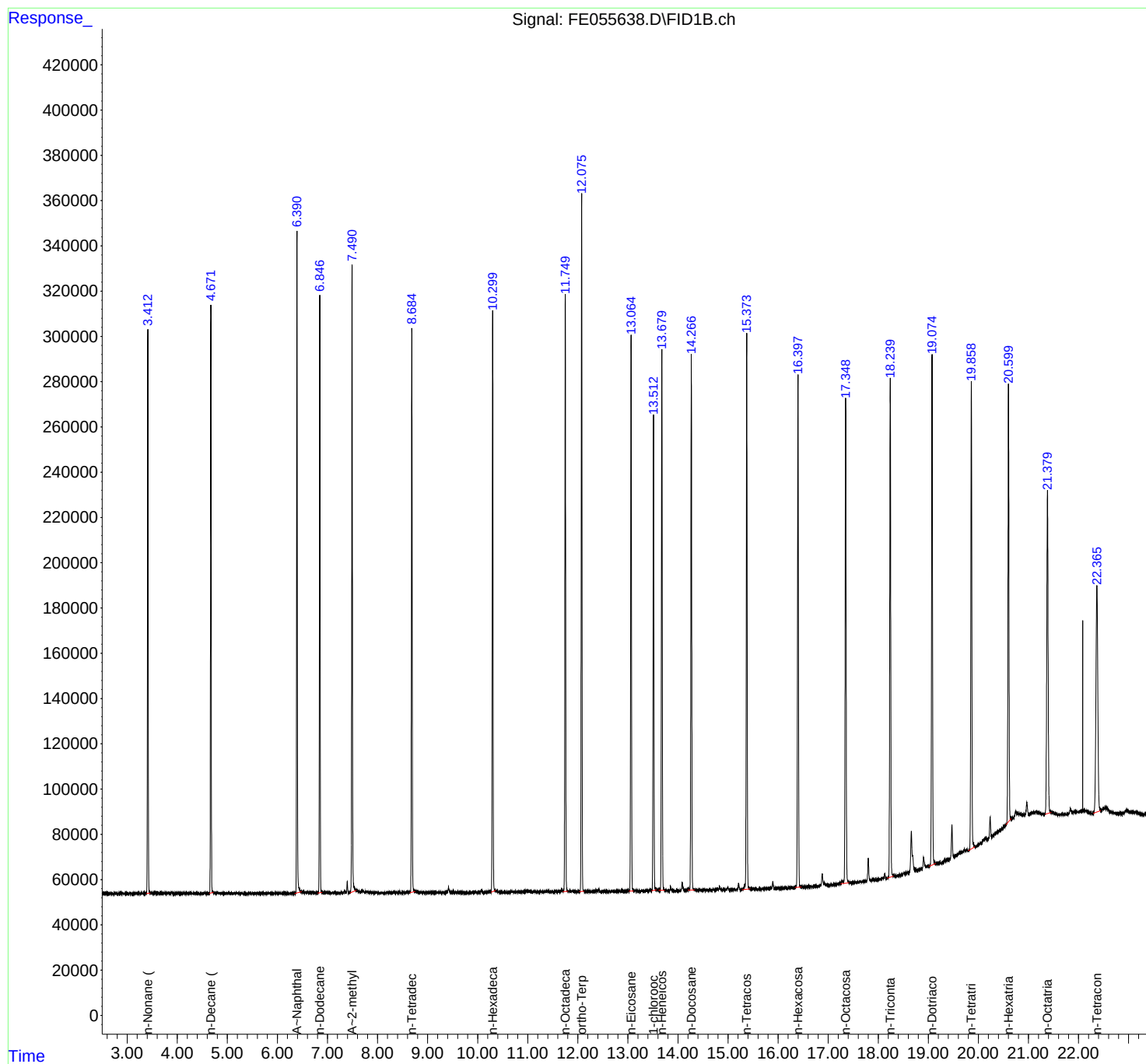
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090325AL\
Data File : FE055638.D
Signal(s) : FID1B.ch
Acq On : 03 Sep 2025 14:55
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Sep 04 05:10:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 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\FE090325AL\
 Data File : FE055638.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2025 14:55
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	3.412	3.382	3.464	BB	248970	2439288	74.04%	3.956%
2	4.671	4.639	4.717	BB	258997	2512564	76.26%	4.075%
3	6.390	6.350	6.479	BB	292041	2860775	86.83%	4.640%
4	6.847	6.804	6.895	BB	262735	2575045	78.16%	4.176%
5	7.491	7.447	7.572	BB	276849	2784907	84.53%	4.516%
6	8.684	8.649	8.747	BB	249066	2615981	79.40%	4.243%
7	10.299	10.264	10.354	BB	255201	2763602	83.88%	4.482%
8	11.749	11.707	11.805	BB	264146	2918964	88.60%	4.734%
9	12.075	12.027	12.129	BB	307877	3294566	100.00%	5.343%
10	13.064	13.025	13.115	BB	246006	2893630	87.83%	4.693%
11	13.512	13.474	13.569	BB	210505	2508221	76.13%	4.068%
12	13.678	13.614	13.737	BB	238692	2869783	87.11%	4.654%
13	14.266	14.197	14.330	BB	235240	2893649	87.83%	4.693%
14	15.373	15.282	15.437	BB	244827	2984722	90.60%	4.841%
15	16.397	16.335	16.460	BB	225351	2899718	88.02%	4.703%
16	17.349	17.250	17.420	BB	214654	2920290	88.64%	4.736%
17	18.240	18.177	18.309	BB	220030	3021191	91.70%	4.900%
18	19.074	19.012	19.147	BB	224988	3022911	91.75%	4.902%
19	19.860	19.800	19.934	BB	203108	2908058	88.27%	4.716%
20	20.601	20.550	20.649	BB	191293	2712778	82.34%	4.400%
21	21.379	21.330	21.457	BB	142153	2670905	81.07%	4.332%
22	22.366	22.300	22.445	BB	99849	2589351	78.59%	4.199%
Sum of corrected areas:							61660897	

Aliphatic EPH 082925.M Thu Sep 04 05:46:25 2025

Continuing Calibration Report for SequenceID : fF090225al

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FF016298.D

Aliphatic C9-C12	7594242.000	60.000	3.221	6.863	126570.700	118465.299	-6.842
Aliphatic C12-C16	5249179.000	40.000	6.864	10.308	131229.475	122693.653	-6.957
Aliphatic C16-C21	8146821.000	60.000	10.304	13.681	135780.350	128123.078	-5.976
Aliphatic C21-C28	10722331.000	80.000	13.682	17.352	134029.138	125602.733	-6.709
Aliphatic C28-C40	12554888.000	120.000	17.353	22.315	104624.067	101676.216	-2.899
Aliphatic EPH	44267461.000	360.000	3.221	22.315	122965.169	116534.481	-5.518

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	02 Sep 2025 11:50
Client Sample ID:		Operator:	YP\AJ
Data file:	FF016298.D	Misc:	
Instrument:	FID_F	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.221	6.863	7594242.000	60.000	ug/ml
Aliphatic C12-C16	6.864	10.308	5249179.000	40.000	ug/ml
Aliphatic C16-C21	10.304	13.681	8146821.000	60.000	ug/ml
Aliphatic C21-C28	13.682	17.352	10722331.000	80.000	ug/ml
Aliphatic C28-C40	17.353	22.315	12554888.000	120.000	ug/ml
Aliphatic EPH	3.221	22.315	44267461.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090225AL\
 Data File : FF016298.D
 Signal(s) : FID2B.ch
 Acq On : 02 Sep 2025 11:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 03 02:15:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 03:35:42 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)	11.972	3074430	21.257 ug/ml
Spiked Amount 50.000		Recovery =	42.51%
12) S 1-chlorooctadecane (S...	13.414	2339718	20.976 ug/mlm
Spiked Amount 50.000		Recovery =	41.95%
Target Compounds			
1) T n-Nonane (C9)	3.321	2472591	21.149 ug/ml
2) T n-Decane (C10)	4.584	2542724	21.467 ug/ml
3) T A~Naphthalene (C11.7)	6.295	2817999	21.576 ug/ml
4) T n-Dodecane (C12)	6.763	2578927	21.485 ug/ml
5) T A~2-methylnaphthalene...	7.395	2739952	21.520 ug/ml
6) T n-Tetradecane (C14)	8.598	2572822	21.351 ug/ml
7) T n-Hexadecane (C16)	10.208	2676357	21.430 ug/mlm
8) T n-Octadecane (C18)	11.655	2744718	21.189 ug/mlm
10) T n-Eicosane (C20)	12.968	2712193	21.211 ug/ml
11) T n-Heneicosane (C21)	13.581	2689910	21.186 ug/ml
13) T n-Docosane (C22)	14.169	2704437	21.301 ug/ml
14) T n-Tetracosane (C24)	15.276	2728898	21.333 ug/ml
15) T n-Hexacosane (C26)	16.298	2678769	21.429 ug/mlm
16) T n-Octacosane (C28)	17.252	2610227	21.304 ug/ml
17) T n-Tricontane (C30)	18.142	2621860	21.052 ug/ml
18) T n-Dotriacontane (C32)	18.978	2498350	20.728 ug/ml
19) T n-Tetratriacontane (C34)	19.764	2255582	20.684 ug/ml
20) T n-Hexatriacontane (C36)	20.507	1945121	20.841 ug/ml
21) T n-Octatriacontane (C38)	21.267	1716111	20.406 ug/ml
22) T n-Tetracontane (C40)	22.215	1517864	19.334 ug/ml

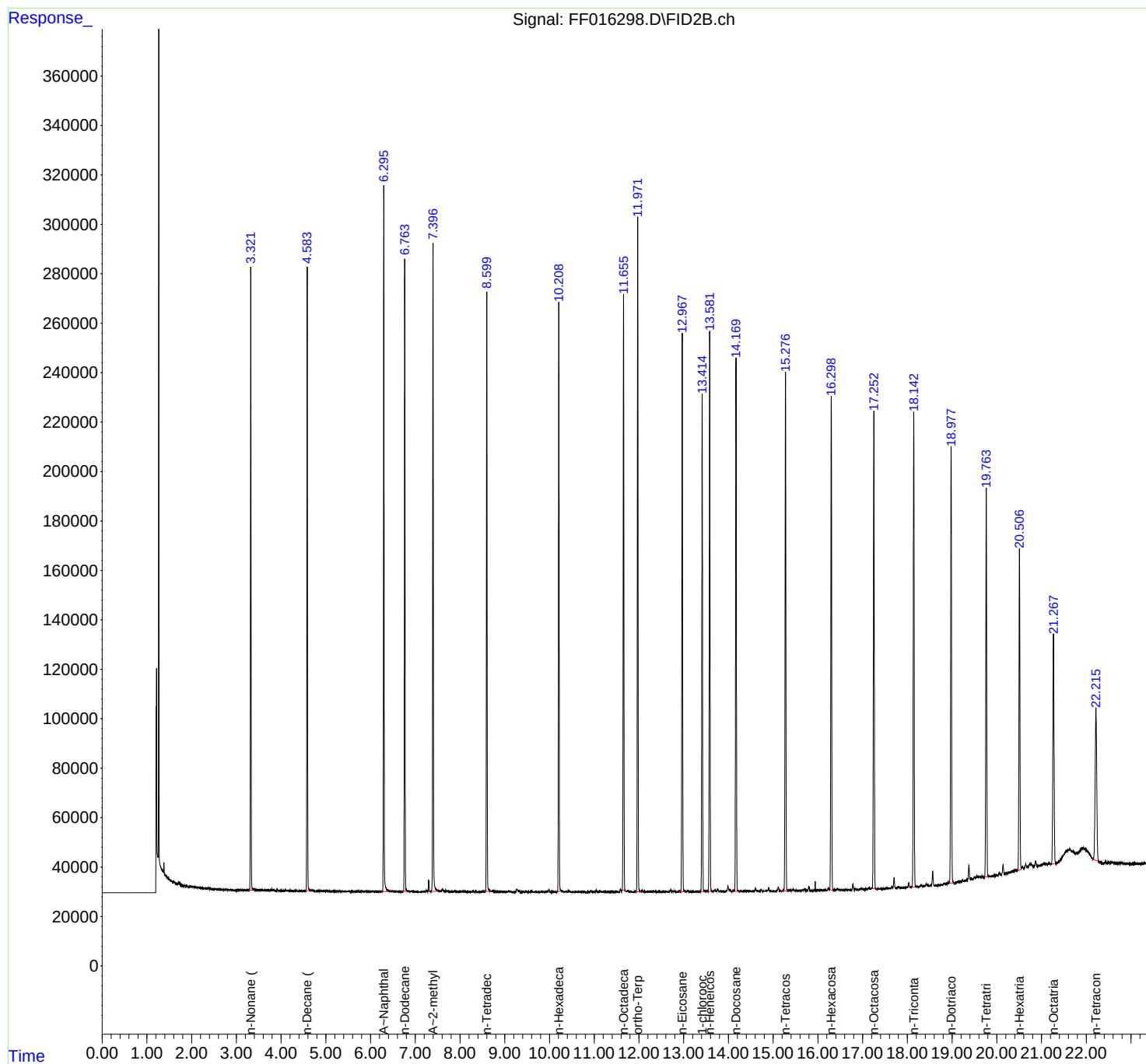
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090225AL\
Data File : FF016298.D
Signal(s) : FID2B.ch
Acq On : 02 Sep 2025 11:50
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E
Quant Time: Sep 03 02:15:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 03:35:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090225AL\
 Data File : FF016298.D
 Signal(s) : FID2B.ch
 Acq On : 02 Sep 2025 11:50
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.321	3.264	3.402	BB	252162	2472591	80.42%	4.476%
2	4.584	4.524	4.667	BB	252565	2542724	82.71%	4.603%
3	6.295	6.244	6.427	BB	285816	2817999	91.66%	5.102%
4	6.763	6.697	6.839	BB	255356	2578927	83.88%	4.669%
5	7.395	7.345	7.522	BB	262299	2739952	89.12%	4.960%
6	8.598	8.544	8.690	BB	242943	2572822	83.68%	4.658%
7	10.208	10.174	10.248	M	238422	2670863	86.87%	4.835%
8	11.655	11.611	11.693	M	241330	2757431	89.69%	4.992%
9	11.972	11.919	12.049	BB	272623	3074430	100.00%	5.566%
10	12.968	12.899	13.045	BB	225901	2712193	88.22%	4.910%
11	13.414	13.375	13.452	M	201306	2335669	75.97%	4.228%
12	13.581	13.520	13.647	BB	227371	2689910	87.49%	4.870%
13	14.169	14.077	14.242	BB	216192	2704437	87.97%	4.896%
14	15.276	15.184	15.334	BB	209091	2728898	88.76%	4.940%
15	16.298	16.256	16.351	M	199683	2674272	86.98%	4.841%
16	17.252	17.200	17.315	BB	192794	2610227	84.90%	4.725%
17	18.142	18.079	18.184	BB	191747	2621860	85.28%	4.746%
18	18.978	18.940	19.057	BB	176379	2498350	81.26%	4.523%
19	19.764	19.720	19.820	BB	157333	2255582	73.37%	4.083%
20	20.507	20.460	20.545	BV	130174	1945121	63.27%	3.521%
21	21.267	21.220	21.322	BV	93271	1716111	55.82%	3.107%
22	22.215	22.140	22.300	BBA	61877	1517864	49.37%	2.748%
Sum of corrected areas:							55238233	

Aliphatic EPH 082825.M Wed Sep 03 04:20:36 2025

Continuing Calibration Report for SequenceID : fF090225al

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FF016310.D

Aliphatic C9-C12	8001465.000	60.000	3.221	6.863	133357.750	118465.299	-12.571
Aliphatic C12-C16	5545827.000	40.000	6.864	10.308	138645.675	122693.653	-13.002
Aliphatic C16-C21	8616371.000	60.000	10.304	13.681	143606.183	128123.078	-12.085
Aliphatic C21-C28	11411717.000	80.000	13.682	17.352	142646.463	125602.733	-13.570
Aliphatic C28-C40	13694562.000	120.000	17.353	22.315	114121.350	101676.216	-12.240
Aliphatic EPH	47269942.000	360.000	3.221	22.315	131305.394	116534.481	-12.675

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	03 Sep 2025 03:09
Client Sample ID:		Operator:	YPVAJ
Data file:	FF016310.D	Misc:	
Instrument:	FID_F	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.221	6.863	8001465.000	60.000	ug/ml
Aliphatic C12-C16	6.864	10.308	5545827.000	40.000	ug/ml
Aliphatic C16-C21	10.304	13.681	8616371.000	60.000	ug/ml
Aliphatic C21-C28	13.682	17.352	11411717.000	80.000	ug/ml
Aliphatic C28-C40	17.353	22.315	13694562.000	120.000	ug/ml
Aliphatic EPH	3.221	22.315	47269942.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090225AL\
 Data File : FF016310.D
 Signal(s) : FID2B.ch
 Acq On : 03 Sep 2025 03:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 03 04:13:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 03:35:42 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)	11.975	3246882	22.449 ug/ml
Spiked Amount 50.000		Recovery =	44.90%
12) S 1-chlorooctadecane (S...	13.415	2506793	22.474 ug/mlm
Spiked Amount 50.000		Recovery =	44.95%
Target Compounds			
1) T n-Nonane (C9)	3.331	2601542	22.252 ug/ml
2) T n-Decane (C10)	4.593	2681999	22.643 ug/ml
3) T A~Naphthalene (C11.7)	6.302	2956008	22.633 ug/ml
4) T n-Dodecane (C12)	6.770	2717924	22.643 ug/ml
5) T A~2-methylnaphthalene...	7.401	2880799	22.626 ug/ml
6) T n-Tetradecane (C14)	8.602	2715648	22.536 ug/ml
7) T n-Hexadecane (C16)	10.212	2830179	22.662 ug/mlm
8) T n-Octadecane (C18)	11.658	2897284	22.367 ug/ml
10) T n-Eicosane (C20)	12.970	2872860	22.467 ug/ml
11) T n-Heneicosane (C21)	13.583	2846227	22.417 ug/ml
13) T n-Docosane (C22)	14.171	2864662	22.563 ug/ml
14) T n-Tetracosane (C24)	15.276	2895959	22.639 ug/ml
15) T n-Hexacosane (C26)	16.300	2855944	22.846 ug/mlm
16) T n-Octacosane (C28)	17.253	2795152	22.813 ug/ml
17) T n-Tricontane (C30)	18.143	2821016	22.651 ug/ml
18) T n-Dotriacontane (C32)	18.978	2690644	22.324 ug/ml
19) T n-Tetratriacontane (C34)	19.763	2440312	22.378 ug/ml
20) T n-Hexatriacontane (C36)	20.506	2098077	22.480 ug/ml
21) T n-Octatriacontane (C38)	21.265	1879656	22.350 ug/ml
22) T n-Tetracontane (C40)	22.212	1764857	22.480 ug/ml

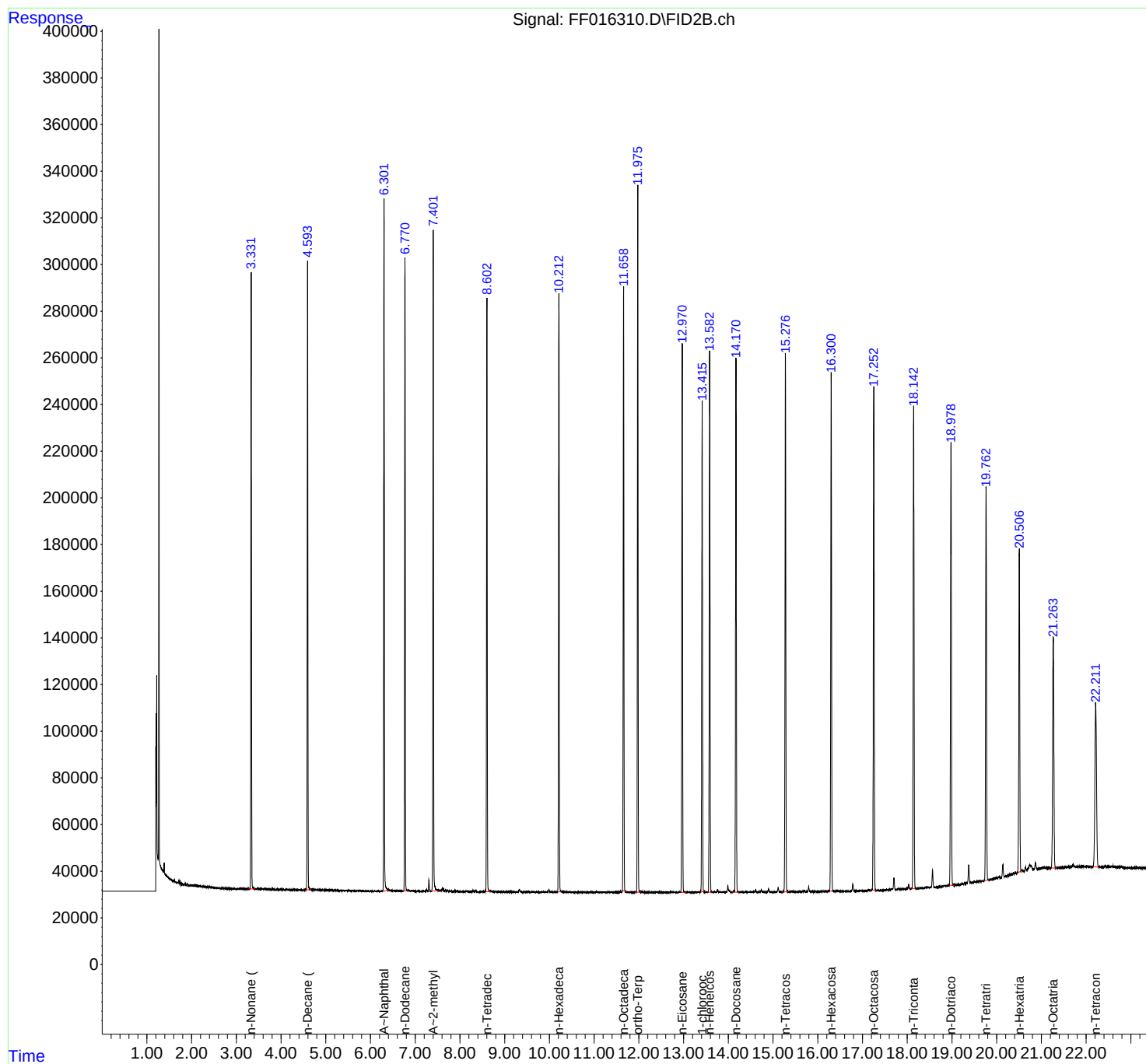
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090225AL\
Data File : FF016310.D
Signal(s) : FID2B.ch
Acq On : 03 Sep 2025 03:09
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E
Quant Time: Sep 03 04:13:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 03:35:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090225AL\
 Data File : FF016310.D
 Signal(s) : FID2B.ch
 Acq On : 03 Sep 2025 03:09
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.331	3.274	3.419	BB	263786	2601542	80.12%	4.420%
2	4.593	4.534	4.679	BB	268996	2681999	82.60%	4.556%
3	6.302	6.269	6.416	BB	296499	2956008	91.04%	5.022%
4	6.770	6.734	6.846	BB	270636	2717924	83.71%	4.617%
5	7.401	7.356	7.522	BB	282872	2880799	88.73%	4.894%
6	8.603	8.567	8.687	BB	253994	2715648	83.64%	4.613%
7	10.212	10.176	10.266	M	256519	2832923	87.25%	4.813%
8	11.658	11.631	11.722	BB	259089	2897284	89.23%	4.922%
9	11.975	11.917	12.049	BB	303694	3246882	100.00%	5.516%
10	12.970	12.929	13.046	BB	234343	2872860	88.48%	4.881%
11	13.415	13.377	13.473	M	210623	2509698	77.30%	4.264%
12	13.583	13.519	13.642	BB	231125	2846227	87.66%	4.835%
13	14.171	14.082	14.239	BB	229093	2864662	88.23%	4.867%
14	15.276	15.214	15.339	BB	230534	2895959	89.19%	4.920%
15	16.300	16.264	16.338	M	222345	2853832	87.89%	4.848%
16	17.253	17.201	17.312	BB	215626	2795152	86.09%	4.748%
17	18.143	18.082	18.184	BB	206562	2821016	86.88%	4.792%
18	18.978	18.941	19.049	BB	189075	2690644	82.87%	4.571%
19	19.763	19.721	19.816	BB	168939	2440312	75.16%	4.146%
20	20.506	20.461	20.544	BV	137270	2098077	64.62%	3.564%
21	21.265	21.221	21.346	BB	99236	1879656	57.89%	3.193%
22	22.213	22.141	22.300	BBA	69783	1764857	54.36%	2.998%
Sum of corrected areas:							58863961	

Aliphatic EPH 082825.M Wed Sep 03 04:34:25 2025

Continuing Calibration Report for SequenceID : fg090225al

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FG016497.D

Aliphatic C9-C12	7775936.000	60.000	3.289	6.931	129598.933	114749.036	-12.941
Aliphatic C12-C16	5309679.000	40.000	6.932	10.390	132741.975	117373.513	-13.094
Aliphatic C16-C21	7959932.000	60.000	10.391	13.780	132665.533	117474.265	-12.932
Aliphatic C21-C28	10027641.000	80.000	13.781	17.465	125345.513	111788.212	-12.128
Aliphatic C28-C40	10884921.000	120.000	17.466	22.506	90707.675	90884.371	0.194
Aliphatic EPH	41958109.000	360.000	3.289	22.506	116550.303	106882.000	-9.046

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	02 Sep 2025 11:05
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016497.D	Misc:	
Instrument:	FID_G	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.289	6.931	7775936.000	60.000	ug/ml
Aliphatic C12-C16	6.932	10.390	5309679.000	40.000	ug/ml
Aliphatic C16-C21	10.391	13.780	7959932.000	60.000	ug/ml
Aliphatic C21-C28	13.781	17.465	10027641.000	80.000	ug/ml
Aliphatic C28-C40	17.466	22.506	10884921.000	120.000	ug/ml
Aliphatic EPH	3.289	22.506	41958109.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090225AL\
 Data File : FG016497.D
 Signal(s) : FID1A.ch
 Acq On : 02 Sep 2025 11:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 03 05:09:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 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)	12.069	3013870	22.765 ug/ml
Spiked Amount 50.000		Recovery =	45.53%
12) S 1-chlorooctadecane (S...	13.512	2186038	21.717 ug/ml
Spiked Amount 50.000		Recovery =	43.43%
Target Compounds			
1) T n-Nonane (C9)	3.389	2529224	22.357 ug/ml
2) T n-Decane (C10)	4.650	2609197	22.667 ug/ml
3) T A~Naphthalene (C11.7)	6.369	2815819	22.676 ug/ml
4) T n-Dodecane (C12)	6.831	2637515	22.736 ug/ml
5) T A~2-methylnaphthalene...	7.472	2692649	22.573 ug/ml
6) T n-Tetradecane (C14)	8.672	2612303	22.640 ug/ml
7) T n-Hexadecane (C16)	10.290	2697376	22.598 ug/ml
8) T n-Octadecane (C18)	11.745	2733591	22.624 ug/ml
10) T n-Eicosane (C20)	13.064	2633579	22.576 ug/ml
11) T n-Heneicosane (C21)	13.680	2592762	22.557 ug/ml
13) T n-Docosane (C22)	14.271	2569622	22.490 ug/ml
14) T n-Tetracosane (C24)	15.382	2558915	22.496 ug/ml
15) T n-Hexacosane (C26)	16.409	2494735	22.467 ug/ml
16) T n-Octacosane (C28)	17.365	2404369	22.241 ug/ml
17) T n-Tricontane (C30)	18.260	2396345	21.940 ug/ml
18) T n-Dotriacontane (C32)	19.097	2267253	21.565 ug/ml
19) T n-Tetratriacontane (C34)	19.885	2016804	21.002 ug/ml
20) T n-Hexatriacontane (C36)	20.630	1666084	19.923 ug/ml
21) T n-Octatriacontane (C38)	21.414	1394373	18.109 ug/ml
22) T n-Tetracontane (C40)	22.406	1144062	15.399 ug/mlm

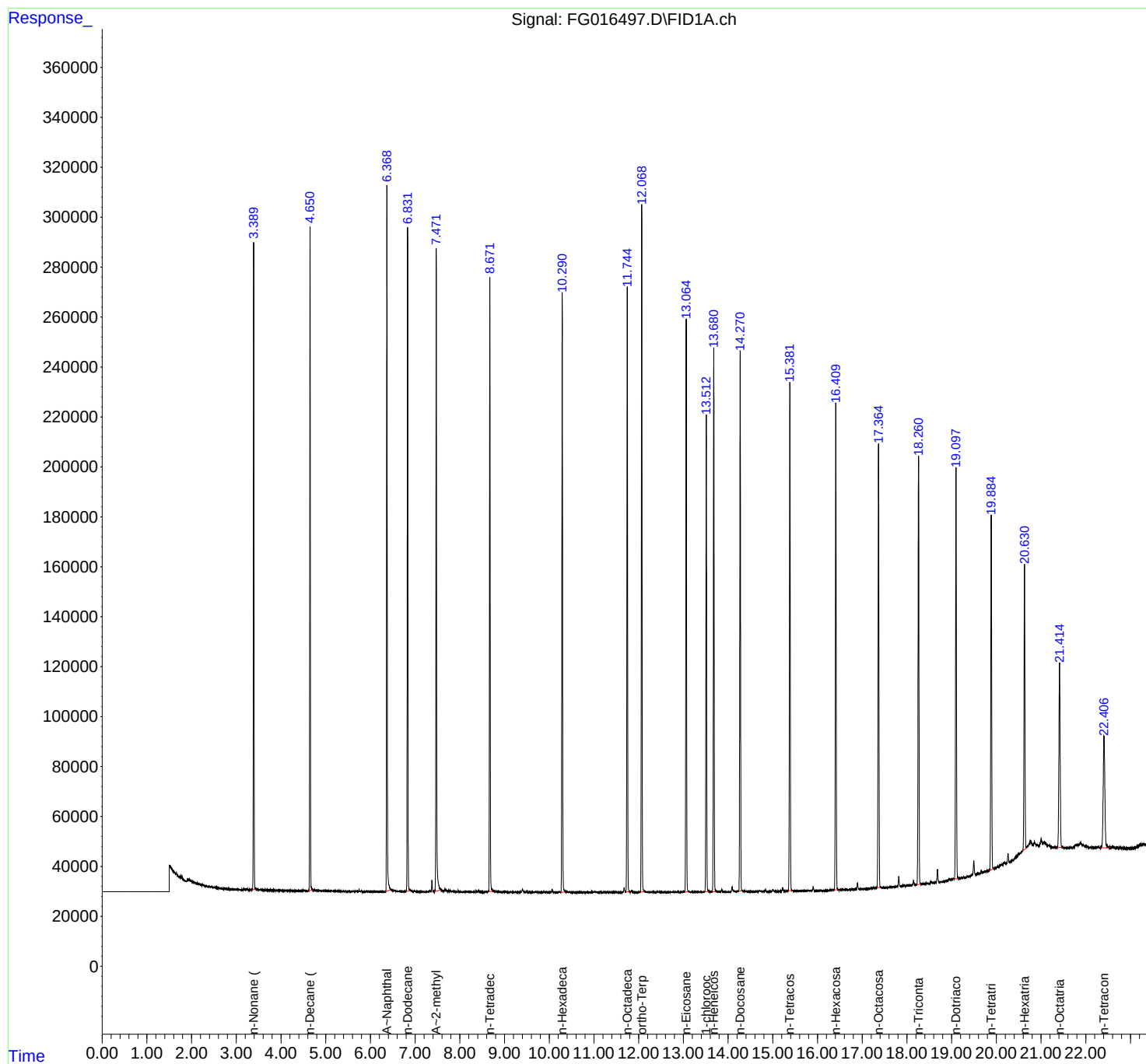
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090225AL\
Data File : FG016497.D
Signal(s) : FID1A.ch
Acq On : 02 Sep 2025 11:05
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 03 05:09:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Thu Aug 28 12:01:28 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_G\Data\FG090225AL\
Data File : FG016497.D
Signal(s) : FID1A.ch
Acq On : 02 Sep 2025 11:05
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.389	3.347	3.439	BB	259201	2529224	83.92%	4.805%
2	4.650	4.621	4.708	BB	265654	2609197	86.57%	4.957%
3	6.369	6.336	6.459	BB	282255	2815819	93.43%	5.350%
4	6.831	6.798	6.888	BB	265295	2637515	87.51%	5.011%
5	7.472	7.433	7.577	BB	257164	2692649	89.34%	5.116%
6	8.672	8.639	8.741	BB	245807	2612303	86.68%	4.963%
7	10.290	10.258	10.359	BB	239650	2697376	89.50%	5.125%
8	11.745	11.708	11.801	BB	241675	2733591	90.70%	5.194%
9	12.069	12.035	12.128	BB	274544	3013870	100.00%	5.726%
10	13.064	13.028	13.115	BB	229739	2633579	87.38%	5.004%
11	13.512	13.475	13.566	BB	190687	2186038	72.53%	4.153%
12	13.680	13.645	13.736	BB	217500	2592762	86.03%	4.926%
13	14.271	14.223	14.320	BB	216432	2569622	85.26%	4.882%
14	15.382	15.343	15.437	BB	203710	2558915	84.90%	4.862%
15	16.409	16.363	16.463	BB	194739	2494735	82.78%	4.740%
16	17.365	17.318	17.421	BB	177237	2404369	79.78%	4.568%
17	18.260	18.207	18.316	BB	170681	2396345	79.51%	4.553%
18	19.097	19.041	19.153	BB	164559	2267253	75.23%	4.308%
19	19.885	19.833	19.942	BB	142031	2016804	66.92%	3.832%
20	20.630	20.590	20.663	BV	114188	1666084	55.28%	3.165%
21	21.414	21.355	21.483	BB	73993	1394373	46.27%	2.649%
22	22.407	22.350	22.498	BB	44425	1111966	36.89%	2.113%
Sum of corrected areas:						52634390		

Aliphatic EPH 082825.M Wed Sep 03 06:09:37 2025

Continuing Calibration Report for SequenceID : fg090225al

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FG016509.D

Aliphatic C9-C12	7967193.000	60.000	3.289	6.931	132786.550	114749.036	-15.719
Aliphatic C12-C16	5473726.000	40.000	6.932	10.390	136843.150	117373.513	-16.588
Aliphatic C16-C21	8300359.000	60.000	10.391	13.780	138339.317	117474.265	-17.761
Aliphatic C21-C28	10630887.000	80.000	13.781	17.465	132886.088	111788.212	-18.873
Aliphatic C28-C40	12512758.000	120.000	17.466	22.506	104272.983	90884.371	-14.731
Aliphatic EPH	44884923.000	360.000	3.289	22.506	124680.342	106882.000	-16.652

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	03 Sep 2025 02:40
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016509.D	Misc:	
Instrument:	FID_G	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.289	6.931	7967193.000	60.000	ug/ml
Aliphatic C12-C16	6.932	10.390	5473726.000	40.000	ug/ml
Aliphatic C16-C21	10.391	13.780	8300359.000	60.000	ug/ml
Aliphatic C21-C28	13.781	17.465	10630887.000	80.000	ug/ml
Aliphatic C28-C40	17.466	22.506	12512758.000	120.000	ug/ml
Aliphatic EPH	3.289	22.506	44884923.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090225AL\
 Data File : FG016509.D
 Signal(s) : FID1A.ch
 Acq On : 03 Sep 2025 02:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 03 05:15:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 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)	12.071	3114523	23.526 ug/ml
Spiked Amount 50.000		Recovery =	47.05%
12) S 1-chlorooctadecane (S...	13.515	2369112	23.536 ug/ml
Spiked Amount 50.000		Recovery =	47.07%
Target Compounds			
1) T n-Nonane (C9)	3.389	2588457	22.880 ug/ml
2) T n-Decane (C10)	4.651	2673700	23.228 ug/ml
3) T A~Naphthalene (C11.7)	6.371	2890742	23.279 ug/ml
4) T n-Dodecane (C12)	6.833	2705036	23.318 ug/ml
5) T A~2-methylnaphthalene...	7.474	2773704	23.253 ug/ml
6) T n-Tetradecane (C14)	8.673	2688903	23.304 ug/ml
7) T n-Hexadecane (C16)	10.292	2784823	23.330 ug/ml
8) T n-Octadecane (C18)	11.747	2834241	23.457 ug/ml
10) T n-Eicosane (C20)	13.066	2750017	23.574 ug/ml
11) T n-Heneicosane (C21)	13.683	2716101	23.630 ug/ml
13) T n-Docosane (C22)	14.273	2702154	23.650 ug/ml
14) T n-Tetracosane (C24)	15.385	2704787	23.779 ug/ml
15) T n-Hexacosane (C26)	16.414	2653191	23.894 ug/ml
16) T n-Octacosane (C28)	17.369	2570755	23.780 ug/ml
17) T n-Tricontane (C30)	18.263	2569270	23.524 ug/ml
18) T n-Dotriacontane (C32)	19.100	2449546	23.298 ug/ml
19) T n-Tetratriacontane (C34)	19.888	2241931	23.346 ug/ml
20) T n-Hexatriacontane (C36)	20.632	1917525	22.930 ug/ml
21) T n-Octatriacontane (C38)	21.417	1679086	21.807 ug/ml
22) T n-Tetracontane (C40)	22.415	1655400	22.282 ug/ml

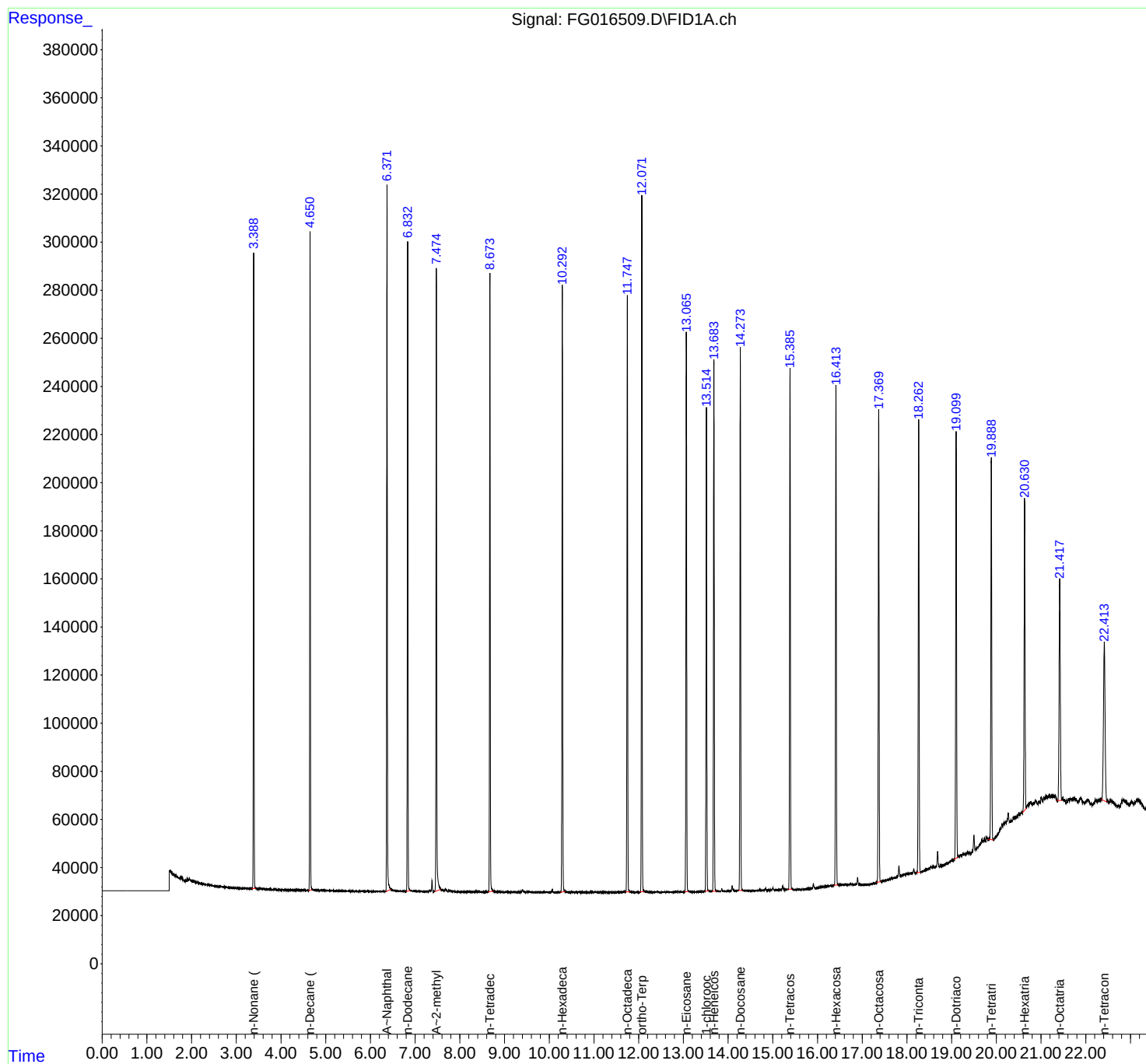
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090225AL\
Data File : FG016509.D
Signal(s) : FID1A.ch
Acq On : 03 Sep 2025 02:40
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 03 05:15:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Thu Aug 28 12:01:28 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_G\Data\FG090225AL\
Data File : FG016509.D
Signal(s) : FID1A.ch
Acq On : 03 Sep 2025 02:40
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.389	3.347	3.441	BB	264271	2588457	83.11%	4.620%
2	4.651	4.619	4.702	BB	273250	2673700	85.85%	4.772%
3	6.371	6.342	6.463	BB	293679	2890742	92.81%	5.159%
4	6.833	6.797	6.891	BB	269948	2705036	86.85%	4.828%
5	7.474	7.437	7.578	BB	258740	2773704	89.06%	4.950%
6	8.673	8.631	8.746	BB	256768	2688903	86.33%	4.799%
7	10.292	10.248	10.356	BB	251534	2784823	89.41%	4.970%
8	11.747	11.703	11.803	BB	247787	2834241	91.00%	5.058%
9	12.071	12.022	12.128	BB	289756	3114523	100.00%	5.558%
10	13.066	13.024	13.117	BB	232411	2750017	88.30%	4.908%
11	13.515	13.478	13.568	BB	201093	2369112	76.07%	4.228%
12	13.683	13.647	13.737	BB	219683	2716101	87.21%	4.847%
13	14.273	14.230	14.328	BB	225228	2702154	86.76%	4.822%
14	15.385	15.337	15.434	BB	216337	2704787	86.84%	4.827%
15	16.414	16.364	16.458	BB	207889	2653191	85.19%	4.735%
16	17.369	17.320	17.422	BB	196464	2570755	82.54%	4.588%
17	18.263	18.213	18.302	BB	187730	2569270	82.49%	4.585%
18	19.100	19.053	19.143	BB	174905	2449546	78.65%	4.372%
19	19.888	19.815	19.941	BB	158926	2241931	71.98%	4.001%
20	20.632	20.590	20.673	BV	129193	1917525	61.57%	3.422%
21	21.417	21.350	21.468	BV	91756	1679086	53.91%	2.997%
22	22.415	22.350	22.473	BV	65239	1655400	53.15%	2.954%
Sum of corrected areas:						56033003		

Aliphatic EPH 082825.M Wed Sep 03 06:11:19 2025



QC SAMPLE DATA

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	Bayshore Soil BSM Management		Date Received:	
Client Sample ID:	PB169491BL		SDG No.:	Q2994
Lab Sample ID:	PB169491BL		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH_NF
Prep Method :				

Prep Date :	Date Analyzed :	Prep Batch ID
09/02/25 10:30	09/03/25 11:22	PB169491

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FE055631.D
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	FE055631.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg	
Total EPH	Total EPH	2.09	U		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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	Bayshore Soil BSM Management		Date Received:	
Client Sample ID:	PB169491BL		SDG No.:	Q2994
Lab Sample ID:	PB169491BL		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH_NF
Prep Method :				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055631.D	1	09/02/25	09/03/25	PB169491

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.3		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.8		40 - 140	84%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169491BL	Acq On:	03 Sep 2025 11:22
Client Sample ID:	PB169491BL	Operator:	YP\AJ
Data file:	FE055631.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.314	6.948	0	0	300	ug/ml
Aliphatic C12-C16	6.949	10.401	0	0	200	ug/ml
Aliphatic C16-C21	10.402	13.781	0	0	300	ug/ml
Aliphatic C21-C28	13.782	17.452	0	0	400	ug/ml
Aliphatic C28-C40	17.453	22.470	0	0	600	ug/ml
Aliphatic EPH	3.314	22.470	0	0		ug/ml
ortho-Terphenyl (SURR)	12.078	12.078	6862362	41.77		ug/ml
1-chlorooctadecane (SURR)	13.514	13.514	5413604	43.29		ug/ml
Aliphatic C9-C28	3.314	17.452	0	0	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090325AL\
 Data File : FE055631.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2025 11:22
 Operator : YP\AJ
 Sample : PB169491BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169491BL

Integration File: autoint1.e
 Quant Time: Sep 04 05:07:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.078	6862362	41.771 ug/ml
Spiked Amount 50.000		Recovery =	83.54%
12) S 1-chlorooctadecane (S...	13.514	5413604	43.293 ug/ml
Spiked Amount 50.000		Recovery =	86.59%

Target Compounds

(f)=RT Delta > 1/2 Window

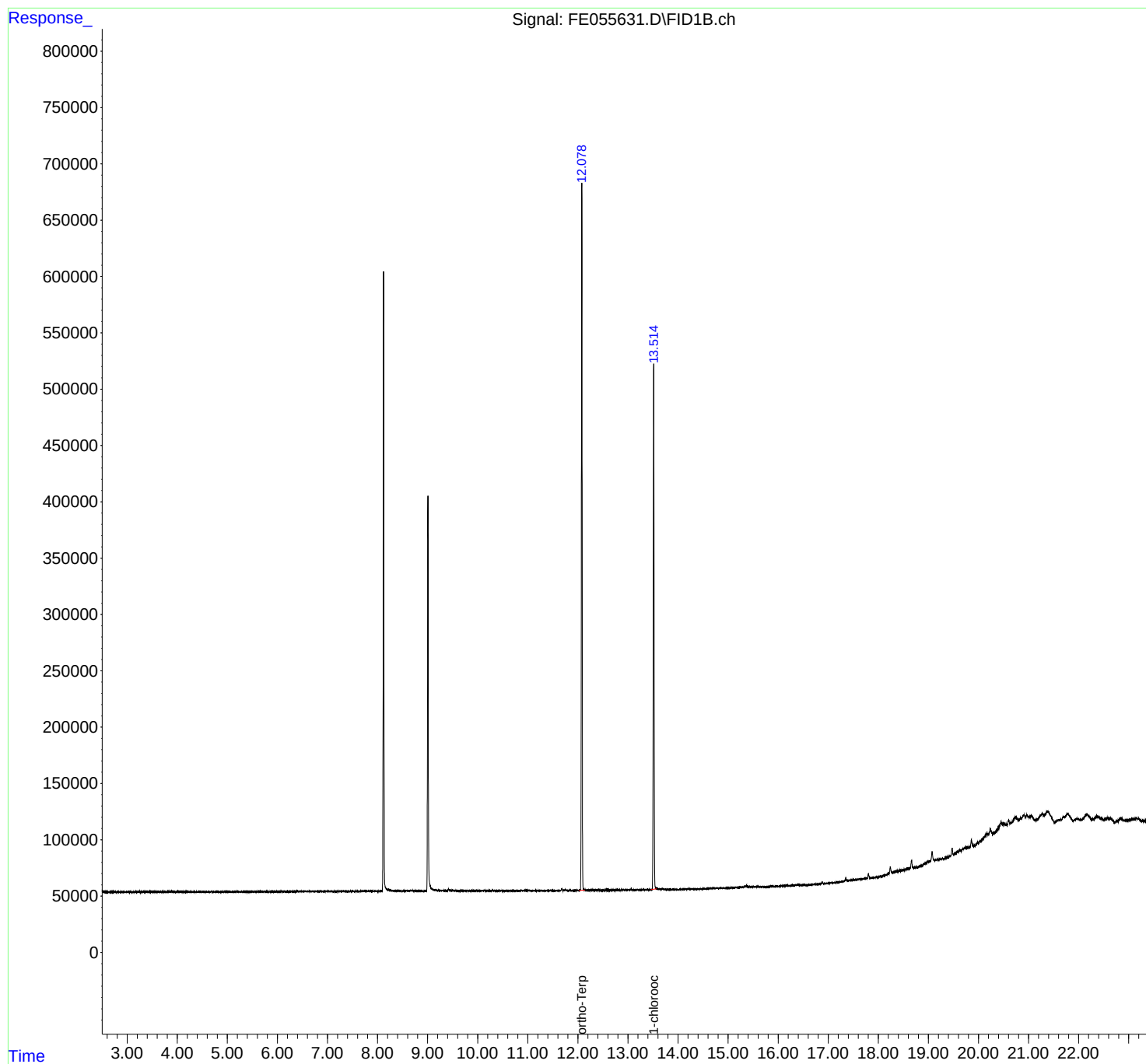
(m)=manual int.

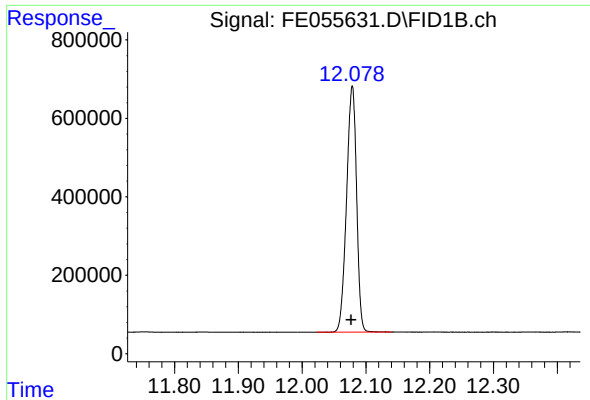
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090325AL\
Data File : FE055631.D
Signal(s) : FID1B.ch
Acq On : 03 Sep 2025 11:22
Operator : YP\AJ
Sample : PB169491BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB169491BL

Integration File: autoint1.e
Quant Time: Sep 04 05:07:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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

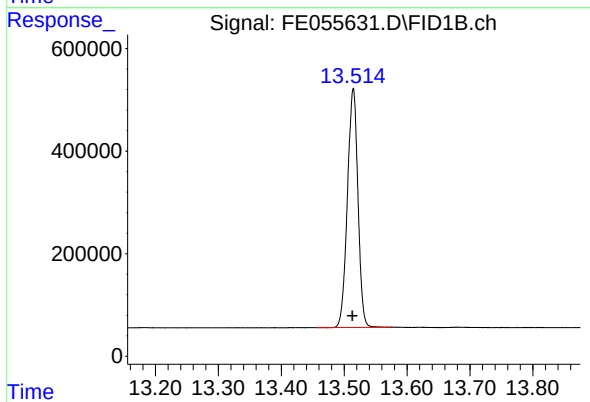




#9 ortho-Terphenyl (SURR)

R.T.: 12.078 min
Delta R.T.: 0.002 min
Response: 6862362
Conc: 41.77 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169491BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.514 min
Delta R.T.: 0.002 min
Response: 5413604
Conc: 43.29 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090325AL\
Data File : FE055631.D
Signal(s) : FID1B.ch
Acq On : 03 Sep 2025 11:22
Sample : PB169491BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	12.078	12.022	12.140	BB	629607	6862362	100.00%	55.901%
2	13.514	13.455	13.575	BB	465948	5413604	78.89%	44.099%
Sum of corrected areas:							12275966	

Aliphatic EPH 082925.M Thu Sep 04 05:41:49 2025

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	Bayshore Soil BSM Management		Date Received:	
Client Sample ID:	PB169491BS		SDG No.:	Q2994
Lab Sample ID:	PB169491BS		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH_NF
Prep Method :				

Prep Date :	Date Analyzed :	Prep Batch ID
09/02/25 10:30	09/03/25 11:52	PB169491

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	26.1		1	1.18	2.00	mg/kg	FE055632.D
Aliphatic C9-C28	Aliphatic C9-C28	77.0		1	0.91	4.00	mg/kg	FE055632.D
Total AliphaticEPH	Total AliphaticEPH	103			2.09	6.00	mg/kg	
Total EPH	Total EPH	103			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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	Bayshore Soil BSM Management		Date Received:	
Client Sample ID:	PB169491BS		SDG No.:	Q2994
Lab Sample ID:	PB169491BS		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH_NF
Prep Method :				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055632.D	1	09/02/25	09/03/25	PB169491

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	77.0		0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.1		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.1		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.7		40 - 140	59%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169491BS	Acq On:	03 Sep 2025 11:52
Client Sample ID:	PB169491BS	Operator:	YP\AJ
Data file:	FE055632.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.314	6.948	26157605	203.714	300	ug/ml
Aliphatic C12-C16	6.949	10.401	35570089	263.296	200	ug/ml
Aliphatic C16-C21	10.402	13.781	42426409	294.184	300	ug/ml
Aliphatic C21-C28	13.782	17.452	56473311	394.268	400	ug/ml
Aliphatic C28-C40	17.453	22.470	53991346	392.038	600	ug/ml
Aliphatic EPH	3.314	22.470	214618760	1550		ug/ml
ortho-Terphenyl (SURR)	12.078	12.078	4882495	29.72		ug/ml
1-chlorooctadecane (SURR)	13.514	13.514	3882401	31.05		ug/ml
Aliphatic C9-C28	3.314	17.452	160627414	1160	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090325AL\
 Data File : FE055632.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2025 11:52
 Operator : YP\AJ
 Sample : PB169491BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169491BS

Integration File: autoint1.e
 Quant Time: Sep 04 05:07:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.078	4882495	29.720 ug/ml
Spiked Amount 50.000		Recovery =	59.44%
12) S 1-chlorooctadecane (S...	13.514	3882401	31.048 ug/ml
Spiked Amount 50.000		Recovery =	62.10%
Target Compounds			
1) T n-Nonane (C9)	3.421	4542863	35.798 ug/ml
2) T n-Decane (C10)	4.676	4889032	38.166 ug/ml
3) T A~Naphthalene (C11.7)	6.394	6016141	41.408 ug/ml
4) T n-Dodecane (C12)	6.850	5206437	39.984 ug/ml
5) T A~2-methylnaphthalene...	7.494	5643532	40.125 ug/ml
6) T n-Tetradecane (C14)	8.688	5338349	40.536 ug/ml
7) T n-Hexadecane (C16)	10.302	5582329	40.306 ug/ml
8) T n-Octadecane (C18)	11.752	5743282	39.375 ug/ml
10) T n-Eicosane (C20)	13.068	6027530	41.873 ug/ml
11) T n-Heneicosane (C21)	13.682	5867553	41.076 ug/ml
13) T n-Docosane (C22)	14.270	5834268	40.758 ug/ml
14) T n-Tetracosane (C24)	15.378	12151339	83.977 ug/ml
15) T n-Hexacosane (C26)	16.401	5727807	40.093 ug/ml
16) T n-Octacosane (C28)	17.353	5737551	40.338 ug/ml
17) T n-Tricontane (C30)	18.245	5843383	39.531 ug/ml
18) T n-Dotriacontane (C32)	19.078	5936050	40.443 ug/ml
19) T n-Tetratriacontane (C34)	19.863	6191705	43.824 ug/ml
20) T n-Hexatriacontane (C36)	20.604	6265121	47.479 ug/ml
21) T n-Octatriacontane (C38)	21.383	6633423	50.932 ug/ml
22) T n-Tetracontane (C40)	22.372	6382390	49.769 ug/ml

(f)=RT Delta > 1/2 Window

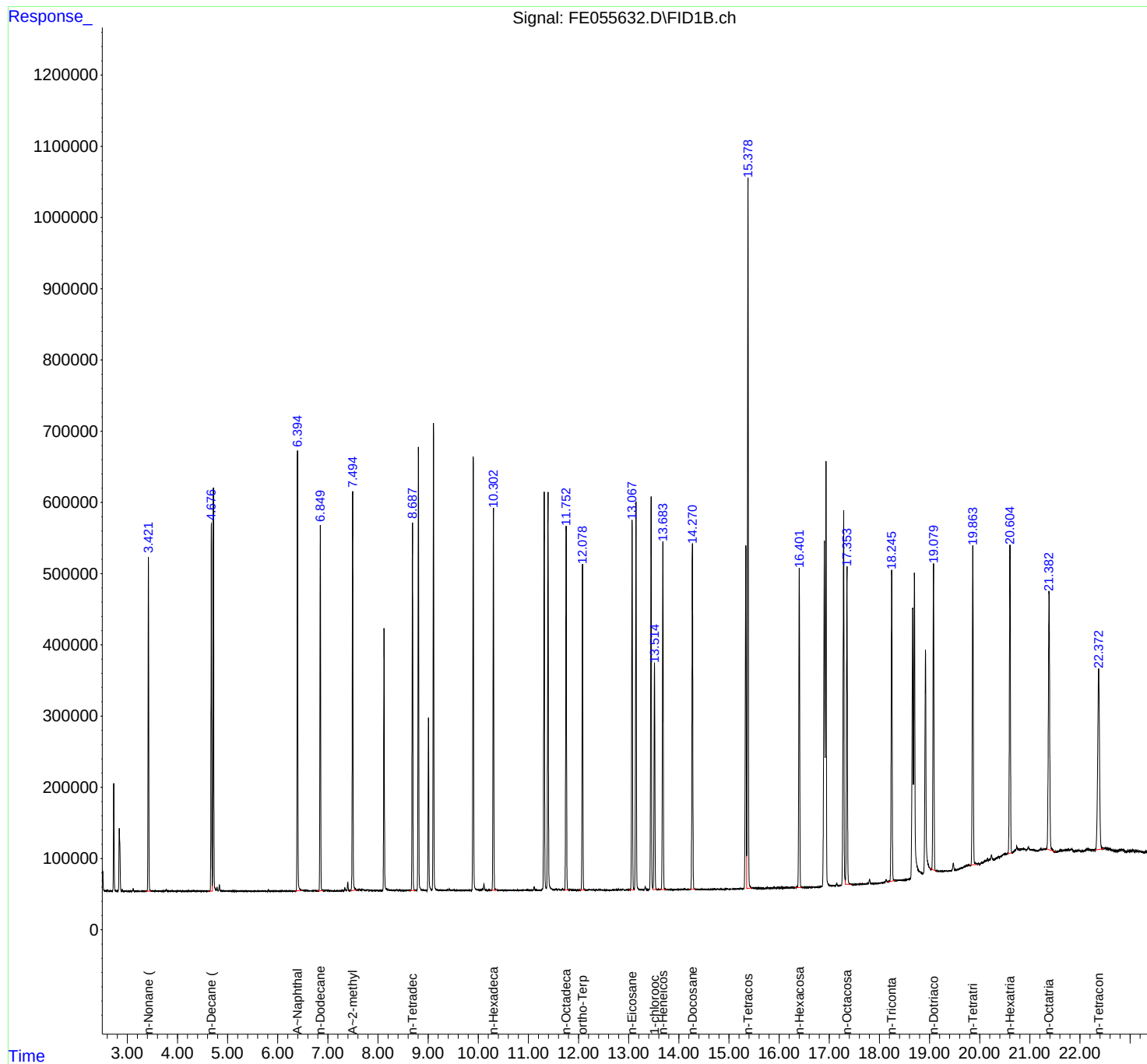
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090325AL\
Data File : FE055632.D
Signal(s) : FID1B.ch
Acq On : 03 Sep 2025 11:52
Operator : YP\AJ
Sample : PB169491BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB169491BS

Integration File: autoint1.e
Quant Time: Sep 04 05:07:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 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\FE090325AL\
Data File : FE055632.D
Signal(s) : FID1B.ch
Acq On : 03 Sep 2025 11:52
Sample : PB169491BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.421	3.360	3.477	BB	468869	4542863	37.39%	2.034%
2	4.676	4.620	4.697	BV	514615	4889032	40.23%	2.189%
3	4.717	4.697	4.772	VV	564890	5503132	45.29%	2.464%
4	6.394	6.334	6.494	BB	617012	6016141	49.51%	2.693%
5	6.850	6.787	6.919	BB	515130	5206437	42.85%	2.331%
6	7.494	7.444	7.587	BB	559013	5643532	46.44%	2.526%
7	8.688	8.627	8.752	BB	515502	5338349	43.93%	2.390%
8	8.805	8.752	8.887	BB	620803	6305455	51.89%	2.823%
9	9.106	9.074	9.184	VB	659682	6329124	52.09%	2.833%
10	9.899	9.832	9.982	BB	607227	6371300	52.43%	2.852%
11	10.302	10.239	10.380	BB	535870	5582329	45.94%	2.499%
12	11.315	11.227	11.357	BV	559693	6230656	51.28%	2.789%
13	11.390	11.357	11.470	VBA	555861	6144156	50.56%	2.750%
14	11.752	11.707	11.814	BB	511475	5743282	47.26%	2.571%
15	12.078	12.017	12.135	BB	459233	4882495	40.18%	2.186%
16	13.068	13.007	13.110	BV	517416	6027530	49.60%	2.698%
17	13.146	13.110	13.230	VBA	545785	6178802	50.85%	2.766%
18	13.447	13.379	13.482	BV	552507	6234430	51.31%	2.791%
19	13.514	13.482	13.575	VB	317035	3882401	31.95%	1.738%
20	13.682	13.615	13.754	BB	489193	5867553	48.29%	2.627%
21	14.270	14.212	14.334	BB	485603	5834268	48.01%	2.612%
22	15.335	15.265	15.353	BV	483713	6106422	50.25%	2.734%
23	15.378	15.353	15.464	VB	1001434	12151339	100.00%	5.440%
24	16.401	16.322	16.454	BB	448924	5727807	47.14%	2.564%
25	16.902	16.830	16.918	BV	483965	7037890	57.92%	3.151%
26	16.936	16.918	17.020	VB	596297	7011527	57.70%	3.139%
27	17.287	17.250	17.320	BV	514429	6866507	56.51%	3.074%
28	17.353	17.320	17.437	VB	446986	5737551	47.22%	2.568%
29	18.245	18.170	18.315	BB	437814	5843383	48.09%	2.616%
30	18.663	18.590	18.677	BV	379832	5435684	44.73%	2.433%
31	18.698	18.677	18.849	VB	425142	6622657	54.50%	2.965%
32	18.919	18.852	18.999	BBA	310108	4680933	38.52%	2.095%
33	19.078	19.012	19.134	BB	427796	5936050	48.85%	2.657%
34	19.863	19.800	19.954	BB	445194	6191705	50.95%	2.772%
35	20.604	20.550	20.644	BV	432446	6265121	51.56%	2.805%
36	21.383	21.330	21.524	BB	360695	6633423	54.59%	2.970%

37 22.372 22.300 22.480 BB 253869 6382390 52.52% 2.857%
Sum of corrected areas: 223383654

Aliphatic EPH 082925.M Thu Sep 04 05:42:44 2025

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	Bayshore Soil BSM Management		Date Received:	
Client Sample ID:	PB169491BSD		SDG No.:	Q2994
Lab Sample ID:	PB169491BSD		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH_NF
Prep Method :				

Prep Date :	Date Analyzed :	Prep Batch ID
09/02/25 10:30	09/03/25 12:23	PB169491

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	26.8		1	1.18	2.00	mg/kg	FE055633.D
Aliphatic C9-C28	Aliphatic C9-C28	76.5		1	0.91	3.99	mg/kg	FE055633.D
Total AliphaticEPH	Total AliphaticEPH	103			2.09	5.99	mg/kg	
Total EPH	Total EPH	103			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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	Bayshore Soil BSM Management		Date Received:	
Client Sample ID:	PB169491BSD		SDG No.:	Q2994
Lab Sample ID:	PB169491BSD		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH_NF
Prep Method :				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055633.D	1	09/02/25	09/03/25	PB169491

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	76.5		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.8		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.9		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.4		40 - 140	59%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169491BSD	Acq On:	03 Sep 2025 12:23
Client Sample ID:	PB169491BSD	Operator:	YP\AJ
Data file:	FE055633.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.314	6.948	25838740	201.23	300	ug/ml
Aliphatic C12-C16	6.949	10.401	35225963	260.749	200	ug/ml
Aliphatic C16-C21	10.402	13.781	42236972	292.871	300	ug/ml
Aliphatic C21-C28	13.782	17.452	56379057	393.61	400	ug/ml
Aliphatic C28-C40	17.453	22.470	55446338	402.603	600	ug/ml
Aliphatic EPH	3.314	22.470	215127070	1550		ug/ml
ortho-Terphenyl (SURR)	12.078	12.078	4838548	29.45		ug/ml
1-chlorooctadecane (SURR)	13.514	13.514	3857056	30.85		ug/ml
Aliphatic C9-C28	3.314	17.452	159680732	1150	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090325AL\
 Data File : FE055633.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2025 12:23
 Operator : YP\AJ
 Sample : PB169491BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169491BSD

Integration File: autoint1.e
 Quant Time: Sep 04 05:07:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.078	4838548	29.452 ug/ml
Spiked Amount 50.000		Recovery =	58.90%
12) S 1-chlorooctadecane (S...	13.514	3857056	30.845 ug/ml
Spiked Amount 50.000		Recovery =	61.69%
Target Compounds			
1) T n-Nonane (C9)	3.420	4502874	35.483 ug/ml
2) T n-Decane (C10)	4.676	4827579	37.687 ug/ml
3) T A~Naphthalene (C11.7)	6.393	5940097	40.885 ug/ml
4) T n-Dodecane (C12)	6.849	5147718	39.533 ug/ml
5) T A~2-methylnaphthalene...	7.494	5583501	39.698 ug/ml
6) T n-Tetradecane (C14)	8.687	5279488	40.089 ug/ml
7) T n-Hexadecane (C16)	10.301	5519670	39.854 ug/ml
8) T n-Octadecane (C18)	11.752	5686036	38.983 ug/ml
10) T n-Eicosane (C20)	13.067	5972422	41.491 ug/ml
11) T n-Heneicosane (C21)	13.681	5819679	40.741 ug/ml
13) T n-Docosane (C22)	14.269	5794102	40.477 ug/ml
14) T n-Tetracosane (C24)	15.377	12154564	83.999 ug/ml
15) T n-Hexacosane (C26)	16.402	5707366	39.950 ug/ml
16) T n-Octacosane (C28)	17.352	5684339	39.964 ug/ml
17) T n-Tricontane (C30)	18.244	5811854	39.317 ug/ml
18) T n-Dotriacontane (C32)	19.077	5885763	40.100 ug/ml
19) T n-Tetratriacontane (C34)	19.862	6278745	44.440 ug/ml
20) T n-Hexatriacontane (C36)	20.603	6290845	47.673 ug/ml
21) T n-Octatriacontane (C38)	21.383	6554472	50.326 ug/ml
22) T n-Tetracontane (C40)	22.372	6321864	49.297 ug/ml

(f)=RT Delta > 1/2 Window

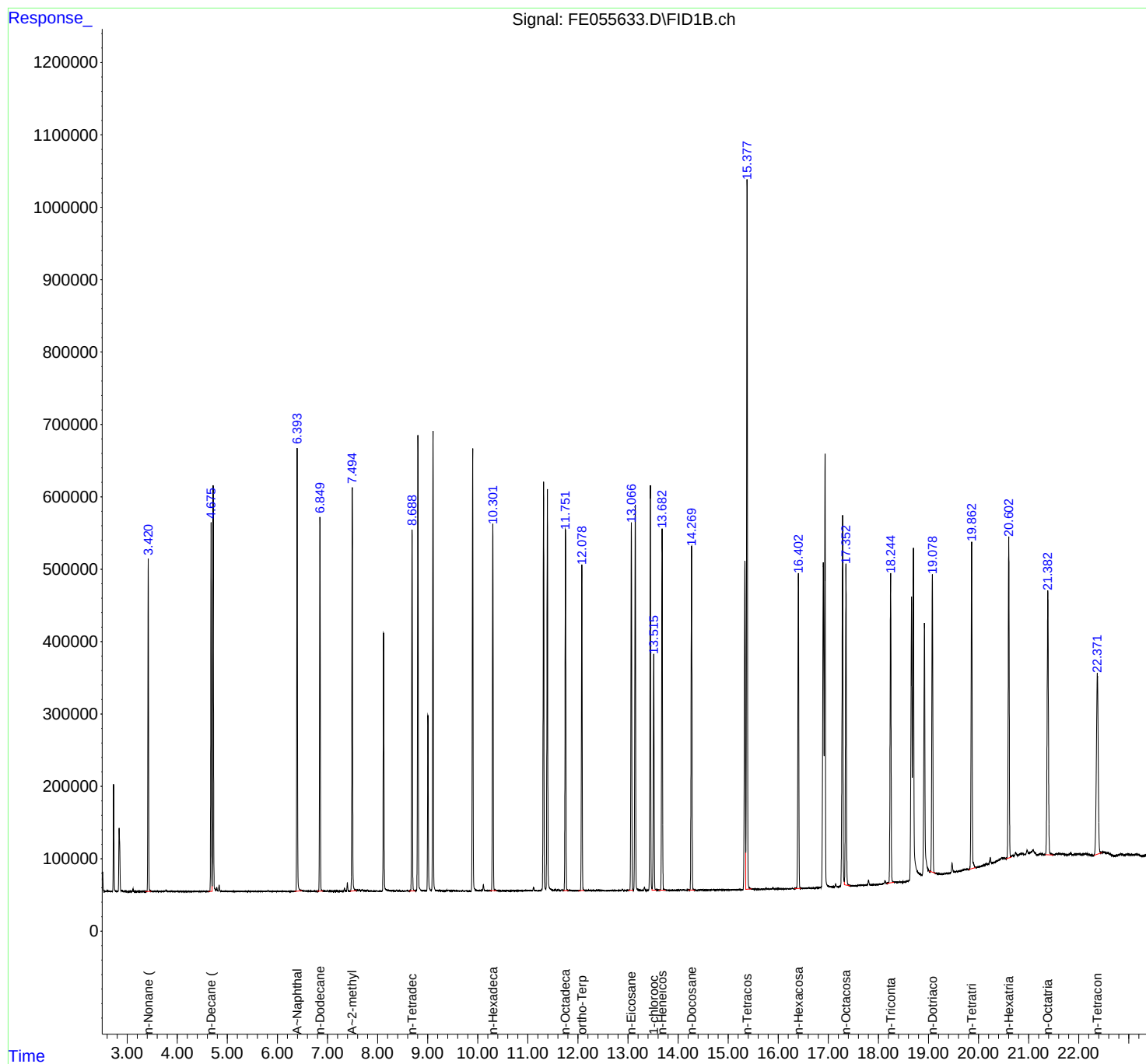
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090325AL\
Data File : FE055633.D
Signal(s) : FID1B.ch
Acq On : 03 Sep 2025 12:23
Operator : YP\AJ
Sample : PB169491BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB169491BSD

Integration File: autoint1.e
Quant Time: Sep 04 05:07:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 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\FE090325AL\
 Data File : FE055633.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2025 12:23
 Sample : PB169491BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	3.420	3.360	3.479	BB	459745	4502874	37.05%	2.012%
2	4.676	4.620	4.696	BV	508714	4827579	39.72%	2.157%
3	4.716	4.696	4.772	VV	561808	5420472	44.60%	2.422%
4	6.393	6.342	6.487	BB	614052	5940097	48.87%	2.654%
5	6.849	6.795	6.912	BB	516775	5147718	42.35%	2.300%
6	7.494	7.449	7.582	BB	557693	5583501	45.94%	2.495%
7	8.687	8.629	8.750	BB	497596	5279488	43.44%	2.359%
8	8.804	8.752	8.884	BB	625993	6240182	51.34%	2.788%
9	9.106	9.075	9.180	VB	636815	6266365	51.56%	2.800%
10	9.899	9.832	9.987	BB	609702	6336757	52.13%	2.831%
11	10.301	10.240	10.377	BB	506852	5519670	45.41%	2.466%
12	11.314	11.239	11.359	BV	564118	6225372	51.22%	2.781%
13	11.390	11.359	11.470	VBA	553029	6157155	50.66%	2.751%
14	11.752	11.704	11.812	BB	497990	5686036	46.78%	2.540%
15	12.078	12.012	12.129	BB	449243	4838548	39.81%	2.162%
16	13.067	13.005	13.105	BV	507049	5972422	49.14%	2.668%
17	13.145	13.105	13.222	PB	532589	6160560	50.69%	2.752%
18	13.447	13.377	13.480	BV	557309	6215748	51.14%	2.777%
19	13.514	13.480	13.570	VB	321136	3857056	31.73%	1.723%
20	13.681	13.614	13.754	BB	501958	5819679	47.88%	2.600%
21	14.269	14.207	14.334	BB	475131	5794102	47.67%	2.589%
22	15.334	15.265	15.352	BV	453119	6165900	50.73%	2.755%
23	15.377	15.352	15.465	VB	980576	12154564	100.00%	5.430%
24	16.402	16.322	16.452	BB	435322	5707366	46.96%	2.550%
25	16.901	16.825	16.917	BV	445894	7007189	57.65%	3.131%
26	16.935	16.917	17.010	VB	599454	7024690	57.79%	3.139%
27	17.286	17.250	17.319	BV	510970	6840907	56.28%	3.056%
28	17.352	17.319	17.432	VB	442963	5684339	46.77%	2.540%
29	18.244	18.167	18.312	BB	425785	5811854	47.82%	2.597%
30	18.662	18.590	18.677	BV	386713	5907424	48.60%	2.639%
31	18.698	18.677	18.869	VB	457046	7048985	57.99%	3.149%
32	18.919	18.869	19.000	BBA	343578	5346386	43.99%	2.389%
33	19.077	19.012	19.140	BB	409040	5885763	48.42%	2.630%
34	19.862	19.800	19.939	BB	451507	6278745	51.66%	2.805%
35	20.603	20.550	20.645	BV	441193	6290845	51.76%	2.811%
36	21.383	21.330	21.495	BB	364247	6554472	53.93%	2.928%

37 22.372 22.300 22.464 BB 247575 6321864 52.01% 2.824%
Sum of corrected areas: 223822674

Aliphatic EPH 082925.M Thu Sep 04 05:43:29 2025

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	Bayshore Soil BSM Management		Date Received:	
Client Sample ID:	RT5427MS		SDG No.:	Q2994
Lab Sample ID:	Q2995-01MS		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	91.4
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH_NF
Prep Method :				

Prep Date :	Date Analyzed :	Prep Batch ID
09/02/25 10:30	09/02/25 17:10	PB169491

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	46.3	E	1	1.29	2.18	mg/kg	FF016304.D
Aliphatic C9-C28	Aliphatic C9-C28	111	E	1	0.99	4.37	mg/kg	FF016304.D
Total AliphaticEPH	Total AliphaticEPH	158			2.28	6.55	mg/kg	
Total EPH	Total EPH	158			2.28	6.55	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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	Bayshore Soil BSM Management		Date Received:	
Client Sample ID:	RT5427MS		SDG No.:	Q2994
Lab Sample ID:	Q2995-01MS		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	91.4
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH_NF
Prep Method :				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF016304.D	1	09/02/25	09/02/25	PB169491

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	111	E	0.99	4.37	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	46.3	E	1.29	2.18	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.2		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.5		40 - 140	59%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2995-01MS	Acq On:	02 Sep 2025 17:10
Client Sample ID:	RT5427MS	Operator:	YP\AJ
Data file:	FF016304.D	Misc:	
Instrument:	FID_F	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.221	6.863	27503332	232.164	300	ug/ml
Aliphatic C12-C16	6.864	10.308	41878540	341.326	200	ug/ml
Aliphatic C16-C21	10.304	13.681	53969290	421.23	300	ug/ml
Aliphatic C21-C28	13.682	17.352	67346840	536.189	400	ug/ml
Aliphatic C28-C40	17.353	22.315	64717173	636.503	600	ug/ml
Aliphatic EPH	3.221	22.315	255415175	2170		ug/ml
ortho-Terphenyl (SURR)	11.978	11.978	4270677	29.53		ug/ml
1-chlorooctadecane (SURR)	13.418	13.418	3476128	31.16		ug/ml
Aliphatic C9-C28	3.221	17.352	190698002	1530	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090225AL\
 Data File : FF016304.D
 Signal(s) : FID2B.ch
 Acq On : 02 Sep 2025 17:10
 Operator : YP\AJ
 Sample : Q2995-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 03 02:18:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 03:35:42 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)	11.978	4270677	29.528 ug/ml
Spiked Amount 50.000		Recovery =	59.06%
12) S 1-chlorooctadecane (S...	13.418	3476128	31.164 ug/mlm
Spiked Amount 50.000		Recovery =	62.33%
Target Compounds			
1) T n-Nonane (C9)	3.335	4441548	37.990 ug/ml
2) T n-Decane (C10)	4.596	5031412	42.478 ug/ml
3) T A~Naphthalene (C11.7)	6.304	6203115	47.495 ug/ml
4) T n-Dodecane (C12)	6.772	5690686	47.409 ug/ml
5) T A~2-methylnaphthalene...	7.404	6145456	48.267 ug/ml
6) T n-Tetradecane (C14)	8.608	6149099	51.030 ug/ml
7) T n-Hexadecane (C16)	10.215	6671835	53.423 ug/mlm
8) T n-Octadecane (C18)	11.662	6829711	52.726 ug/ml
10) T n-Eicosane (C20)	12.975	7209955	56.385 ug/ml
11) T n-Heneicosane (C21)	13.587	7025274	55.332 ug/ml
13) T n-Docosane (C22)	14.175	7032296	55.388 ug/ml
14) T n-Tetracosane (C24)	15.265	14699266	114.913 ug/ml
15) T n-Hexacosane (C26)	16.306	6892627	55.138 ug/ml
16) T n-Octacosane (C28)	17.257	6812378	55.600 ug/ml
17) T n-Tricontane (C30)	18.149	6703938	53.829 ug/ml
18) T n-Dotriacontane (C32)	18.982	6554362	54.380 ug/ml
19) T n-Tetratriacontane (C34)	19.769	6592088	60.451 ug/ml
20) T n-Hexatriacontane (C36)	20.510	6054602	64.872 ug/ml
21) T n-Octatriacontane (C38)	21.272	5933169	70.549 ug/ml
22) T n-Tetracontane (C40)	22.223	5677451	72.317 ug/ml

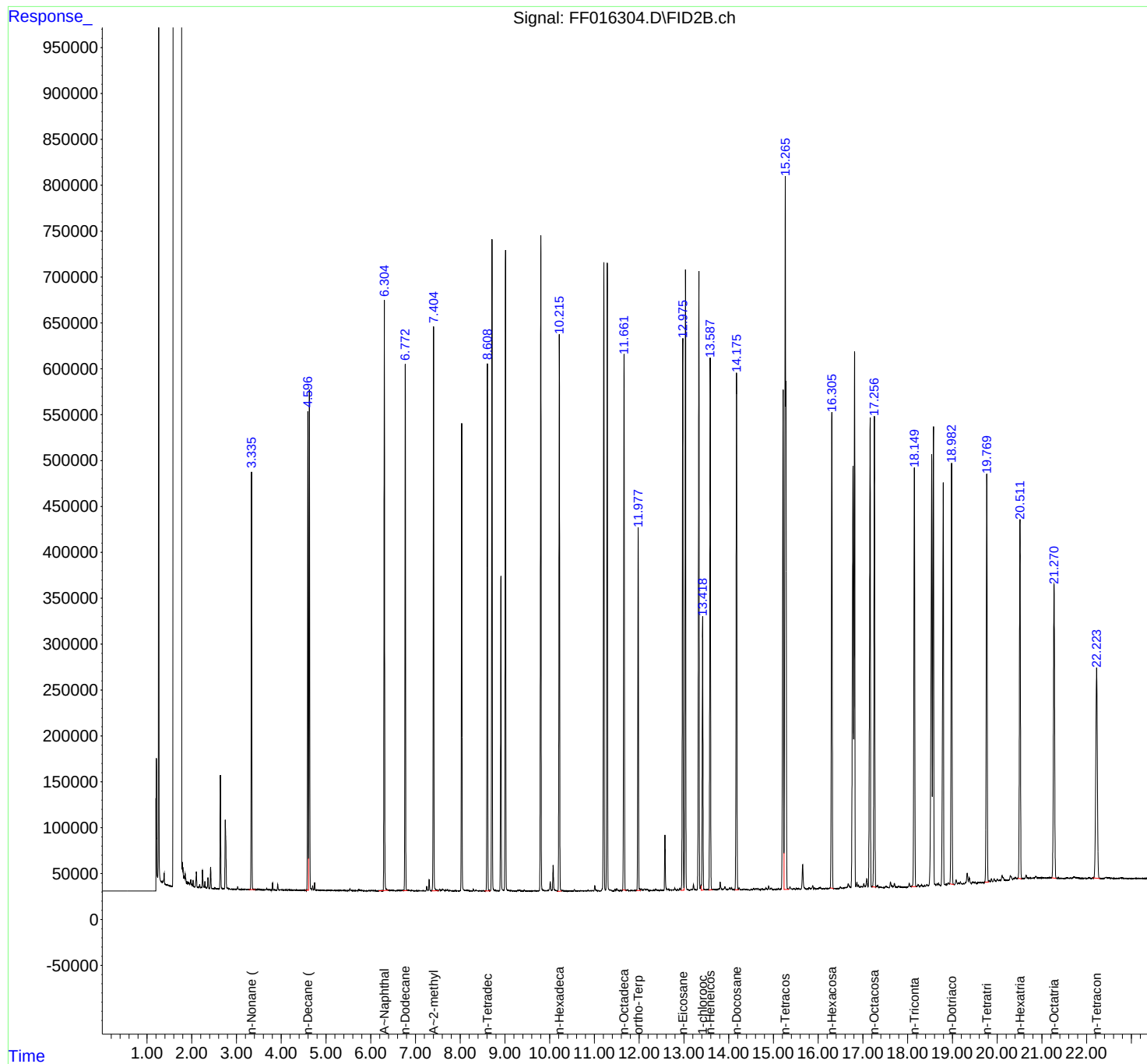
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090225AL\
Data File : FF016304.D
Signal(s) : FID2B.ch
Acq On : 02 Sep 2025 17:10
Operator : YP\AJ
Sample : Q2995-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File: sample.E
Quant Time: Sep 03 02:18:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 03:35:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090225AL\
 Data File : FF016304.D
 Signal(s) : FID2B.ch
 Acq On : 02 Sep 2025 17:10
 Sample : Q2995-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.875	2.818	2.900	BV	-140	-7183	-0.05%	-0.003%
2	2.912	2.900	2.948	PV	101	1404	0.01%	0.001%
3	2.971	2.948	2.999	VV	330	4857	0.03%	0.002%
4	3.027	2.999	3.088	VV	3222	33771	0.23%	0.013%
5	3.120	3.088	3.133	PV	237	3666	0.02%	0.001%
6	3.148	3.133	3.159	VV	259	2886	0.02%	0.001%
7	3.165	3.159	3.175	VV	208	1826	0.01%	0.001%
8	3.194	3.175	3.257	VV	308	7143	0.05%	0.003%
9	3.267	3.257	3.296	VV	105	909	0.01%	0.000%
10	3.335	3.296	3.442	VV	453502	4450815	30.26%	1.690%
11	3.453	3.442	3.464	VV	178	2172	0.01%	0.001%
12	3.478	3.464	3.504	VV	388	5560	0.04%	0.002%
13	3.518	3.504	3.534	VV	284	3942	0.03%	0.001%
14	3.548	3.534	3.566	VV	231	2884	0.02%	0.001%
15	3.578	3.566	3.605	VV	204	2401	0.02%	0.001%
16	3.616	3.605	3.634	PV	167	1876	0.01%	0.001%
17	3.674	3.634	3.698	VV	1484	20108	0.14%	0.008%
18	3.707	3.698	3.723	VV	484	4948	0.03%	0.002%
19	3.750	3.723	3.775	VV	496	7919	0.05%	0.003%
20	3.806	3.775	3.856	VV	7880	76450	0.52%	0.029%
21	3.865	3.856	3.897	VV	81	781	0.01%	0.000%
22	3.922	3.897	3.959	PV	6260	61551	0.42%	0.023%
23	3.976	3.959	3.993	VV	275	4183	0.03%	0.002%
24	4.015	3.993	4.084	VV	443	10511	0.07%	0.004%
25	4.099	4.084	4.111	PV	238	2512	0.02%	0.001%
26	4.127	4.111	4.147	VV	385	4824	0.03%	0.002%
27	4.163	4.147	4.195	VV	313	5193	0.04%	0.002%
28	4.201	4.195	4.229	VV	134	2163	0.01%	0.001%
29	4.240	4.229	4.265	VV	176	2451	0.02%	0.001%
30	4.313	4.265	4.344	VV	439	10391	0.07%	0.004%
31	4.356	4.344	4.387	VV	262	4471	0.03%	0.002%
32	4.404	4.387	4.436	VV	157	3344	0.02%	0.001%
33	4.440	4.436	4.464	VV	85	1014	0.01%	0.000%
34	4.481	4.464	4.501	VV	199	2762	0.02%	0.001%
35	4.510	4.501	4.525	VV	88	1114	0.01%	0.000%
36	4.529	4.525	4.565	VV	131	2088	0.01%	0.001%

rteres.txt								
37	4.596	4.565	4.612	VV	518256	5033084	34.22%	1.911%
38	4.629	4.612	4.684	VV	543679	5436229	36.96%	2.064%
39	4.702	4.684	4.726	VV	5134	57533	0.39%	0.022%
40	4.747	4.726	4.795	VV	8500	89934	0.61%	0.034%
41	4.819	4.795	4.859	VV	420	8853	0.06%	0.003%
42	4.879	4.859	4.895	VV	337	4482	0.03%	0.002%
43	4.903	4.895	4.930	VV	222	3223	0.02%	0.001%
44	4.958	4.930	4.995	VV	215	6043	0.04%	0.002%
45	4.998	4.995	5.006	VV	141	850	0.01%	0.000%
46	5.016	5.006	5.045	VV	128	2294	0.02%	0.001%
47	5.051	5.045	5.077	VV	161	2093	0.01%	0.001%
48	5.092	5.077	5.165	VV	190	5164	0.04%	0.002%
49	5.174	5.165	5.213	VV	72	1688	0.01%	0.001%
50	5.227	5.213	5.242	VV	86	1157	0.01%	0.000%
51	5.248	5.242	5.273	VV	125	1255	0.01%	0.000%
52	5.297	5.273	5.337	VV	146	2522	0.02%	0.001%
53	5.348	5.337	5.370	VV	95	911	0.01%	0.000%
54	5.380	5.370	5.401	VV	99	1254	0.01%	0.000%
55	5.416	5.401	5.450	VV	121	1362	0.01%	0.001%
56	5.479	5.450	5.492	PV	86	1087	0.01%	0.000%
57	5.502	5.492	5.511	PV	107	741	0.01%	0.000%
58	5.536	5.511	5.600	VV	2146	27359	0.19%	0.010%
59	5.609	5.600	5.626	VV	100	1061	0.01%	0.000%
60	5.636	5.626	5.671	VV	79	959	0.01%	0.000%
61	5.683	5.671	5.694	VV	80	471	0.00%	0.000%
62	5.735	5.694	5.758	VV	1579	17531	0.12%	0.007%
63	5.784	5.758	5.832	VV	477	10902	0.07%	0.004%
64	5.844	5.832	5.909	VV	160	2902	0.02%	0.001%
65	5.915	5.909	5.922	VV	75	327	0.00%	0.000%
66	5.936	5.922	5.958	VV	81	1317	0.01%	0.001%
67	5.978	5.958	6.017	VV	223	4321	0.03%	0.002%
68	6.049	6.017	6.081	VV	327	5693	0.04%	0.002%
69	6.101	6.081	6.175	VV	270	5655	0.04%	0.002%
70	6.190	6.175	6.202	PV	198	2001	0.01%	0.001%
71	6.204	6.202	6.219	VV	170	1383	0.01%	0.001%
72	6.224	6.219	6.237	VV	120	1114	0.01%	0.000%
73	6.304	6.237	6.401	VV	646073	6245604	42.46%	2.372%
74	6.412	6.401	6.465	VV	871	22013	0.15%	0.008%
75	6.481	6.465	6.548	VV	615	19372	0.13%	0.007%
76	6.561	6.548	6.585	VV	314	6217	0.04%	0.002%
77	6.607	6.585	6.652	VV	912	18909	0.13%	0.007%
78	6.655	6.652	6.686	VV	375	7045	0.05%	0.003%
79	6.694	6.686	6.730	VV	382	7431	0.05%	0.003%
80	6.772	6.730	6.832	VV	572343	5713392	38.84%	2.170%
81	6.847	6.832	6.896	VV	867	19257	0.13%	0.007%
82	6.923	6.896	6.949	VV	524	10547	0.07%	0.004%
83	6.959	6.949	7.006	VV	221	4938	0.03%	0.002%
84	7.055	7.006	7.075	VV	226	6487	0.04%	0.002%
85	7.095	7.075	7.116	VV	245	3278	0.02%	0.001%
86	7.153	7.116	7.168	VV	356	5226	0.04%	0.002%
87	7.186	7.168	7.226	VV	297	5628	0.04%	0.002%
88	7.252	7.226	7.285	VV	4957	60928	0.41%	0.023%
89	7.305	7.285	7.358	VV	12545	136824	0.93%	0.052%

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90	7.404	7.358	7.521	VV	618249	6165140	41.91%	2.341%
91	7.541	7.521	7.582	VV	2144	34968	0.24%	0.013%
92	7.605	7.582	7.620	VV	2280	31666	0.22%	0.012%
93	7.628	7.620	7.662	VV	1385	19855	0.13%	0.008%
94	7.681	7.662	7.700	VV	1158	15100	0.10%	0.006%
95	7.720	7.700	7.743	VV	1829	21894	0.15%	0.008%
96	7.774	7.743	7.832	VV	562	14523	0.10%	0.006%
97	7.846	7.832	7.865	VV	121	1249	0.01%	0.000%
98	7.892	7.865	7.917	VV	638	7868	0.05%	0.003%
99	7.937	7.917	7.980	VV	207	4273	0.03%	0.002%
100	8.146	8.114	8.164	VV	766	19868	0.14%	0.008%
101	8.176	8.164	8.234	VV	784	16423	0.11%	0.006%
102	8.254	8.234	8.270	VV	269	3501	0.02%	0.001%
103	8.296	8.270	8.320	VV	1808	21794	0.15%	0.008%
104	8.352	8.320	8.413	VV	1084	20084	0.14%	0.008%
105	8.427	8.413	8.444	VV	284	3012	0.02%	0.001%
106	8.460	8.444	8.477	VV	241	3371	0.02%	0.001%
107	8.512	8.477	8.539	VV	420	9910	0.07%	0.004%
108	8.608	8.539	8.675	VV	577412	6161922	41.89%	2.340%
109	8.711	8.675	8.778	VV	712366	7098154	48.26%	2.695%
110	8.787	8.778	8.822	VV	662	13796	0.09%	0.005%
111	8.834	8.822	8.872	VV	599	9874	0.07%	0.004%
112	9.013	8.978	9.125	VV	689788	7171539	48.75%	2.723%
113	9.139	9.125	9.186	VV	587	11459	0.08%	0.004%
114	9.198	9.186	9.218	VV	253	3343	0.02%	0.001%
115	9.233	9.218	9.265	VV	265	5321	0.04%	0.002%
116	9.286	9.265	9.305	VV	1019	14157	0.10%	0.005%
117	9.327	9.305	9.365	VV	1364	25406	0.17%	0.010%
118	9.370	9.365	9.408	VV	204	3389	0.02%	0.001%
119	9.430	9.408	9.453	VV	1184	14610	0.10%	0.006%
120	9.462	9.453	9.504	VV	266	4713	0.03%	0.002%
121	9.523	9.504	9.554	VV	288	4296	0.03%	0.002%
122	9.575	9.554	9.595	VV	245	3157	0.02%	0.001%
123	9.619	9.595	9.637	PV	299	4896	0.03%	0.002%
124	9.663	9.637	9.705	VV	540	10414	0.07%	0.004%
125	9.723	9.705	9.740	VV	186	3288	0.02%	0.001%
126	9.801	9.740	9.918	VV	710256	7464676	50.75%	2.835%
127	9.948	9.918	9.967	VV	776	14930	0.10%	0.006%
128	10.012	9.967	10.040	VV	10139	143937	0.98%	0.055%
129	10.077	10.040	10.138	VV	28115	345561	2.35%	0.131%
130	10.145	10.138	10.177	VV	651	9381	0.06%	0.004%
131	10.215	10.177	10.278	VV	607619	6671296	45.35%	2.533%
132	10.296	10.278	10.369	VV	641	16670	0.11%	0.006%
133	10.384	10.369	10.411	VV	250	2310	0.02%	0.001%
134	10.439	10.411	10.469	PV	508	6836	0.05%	0.003%
135	10.489	10.469	10.522	VV	496	5651	0.04%	0.002%
136	10.551	10.522	10.584	VV	2036	24627	0.17%	0.009%
137	10.599	10.584	10.617	VV	263	3060	0.02%	0.001%
138	10.653	10.617	10.671	VV	437	8004	0.05%	0.003%
139	10.683	10.671	10.705	VV	307	4250	0.03%	0.002%
140	10.722	10.705	10.762	VV	231	4649	0.03%	0.002%
141	10.799	10.762	10.833	VV	264	5932	0.04%	0.002%

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142	10.856	10.833	10.896	VV	523	10697	0.07%	0.004%
143	10.953	10.896	10.981	VV	587	15295	0.10%	0.006%
144	11.008	10.981	11.039	VV	5891	74455	0.51%	0.028%
145	11.052	11.039	11.116	VV	678	13107	0.09%	0.005%
146	11.210	11.116	11.248	PV	677859	7685539	52.25%	2.918%
147	11.286	11.248	11.346	VV	672800	7651591	52.02%	2.906%
148	11.360	11.346	11.436	VV	1163	28430	0.19%	0.011%
149	11.461	11.436	11.480	VV	2011	25295	0.17%	0.010%
150	11.498	11.480	11.540	VV	2552	40940	0.28%	0.016%
151	11.548	11.540	11.568	VV	294	4036	0.03%	0.002%
152	11.590	11.568	11.612	VV	468	8188	0.06%	0.003%
153	11.662	11.612	11.718	VV	584540	6878972	46.77%	2.612%
154	11.738	11.718	11.785	VV	922	19526	0.13%	0.007%
155	11.814	11.785	11.833	VV	321	6074	0.04%	0.002%
156	11.857	11.833	11.878	VV	333	5460	0.04%	0.002%
157	11.902	11.878	11.916	VV	451	5484	0.04%	0.002%
158	11.978	11.916	12.026	VV	396150	4290104	29.17%	1.629%
159	12.042	12.026	12.062	VV	1887	26981	0.18%	0.010%
160	12.075	12.062	12.091	VV	1041	14096	0.10%	0.005%
161	12.121	12.091	12.142	VV	2057	40572	0.28%	0.015%
162	12.158	12.142	12.172	VV	1567	20484	0.14%	0.008%
163	12.189	12.172	12.234	VV	1755	23630	0.16%	0.009%
164	12.265	12.234	12.291	PV	371	6807	0.05%	0.003%
165	12.332	12.291	12.352	VV	639	12442	0.08%	0.005%
166	12.371	12.352	12.408	VV	1701	30387	0.21%	0.012%
167	12.418	12.408	12.456	VV	682	10086	0.07%	0.004%
168	12.485	12.456	12.526	VV	764	15445	0.11%	0.006%
169	12.576	12.526	12.641	VV	60255	718775	4.89%	0.273%
170	12.663	12.641	12.695	VV	1075	28777	0.20%	0.011%
171	12.710	12.695	12.742	VV	771	17618	0.12%	0.007%
172	12.756	12.742	12.772	VV	736	10839	0.07%	0.004%
173	12.797	12.772	12.842	VV	2239	38537	0.26%	0.015%
174	12.861	12.842	12.885	VV	1182	17471	0.12%	0.007%
175	12.911	12.885	12.931	VV	2571	36865	0.25%	0.014%
176	12.975	12.931	13.000	VV	601501	7218069	49.07%	2.741%
177	13.035	13.000	13.118	VV	673540	7956370	54.09%	3.021%
178	13.128	13.118	13.139	VV	434	4684	0.03%	0.002%
179	13.164	13.139	13.181	VV	1160	18149	0.12%	0.007%
180	13.214	13.181	13.261	VV	6448	99131	0.67%	0.038%
181	13.270	13.261	13.292	VV	685	9984	0.07%	0.004%
182	13.334	13.292	13.362	VV	676912	7954319	54.08%	3.020%
183	13.418	13.362	13.457	VV	297259	3552139	24.15%	1.349%
184	13.465	13.457	13.484	VV	537	7969	0.05%	0.003%
185	13.501	13.484	13.516	VV	816	12393	0.08%	0.005%
186	13.531	13.516	13.547	VV	824	11144	0.08%	0.004%
187	13.587	13.547	13.641	VV	584005	7044080	47.89%	2.675%
188	13.661	13.641	13.692	VV	1200	24778	0.17%	0.009%
189	13.724	13.692	13.741	VV	1193	22951	0.16%	0.009%
190	13.785	13.741	13.793	VV	1975	37150	0.25%	0.014%
191	13.809	13.793	13.875	VV	9036	138702	0.94%	0.053%
192	13.916	13.875	13.946	VV	3773	79169	0.54%	0.030%
193	13.964	13.946	13.995	VV	973	23493	0.16%	0.009%
194	14.021	13.995	14.044	VV	2311	44140	0.30%	0.017%

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195	14.063	14.044	14.091	VV	2753	40859	0.28%	0.016%
196	14.105	14.091	14.135	VV	813	16213	0.11%	0.006%
197	14.175	14.135	14.215	VV	562859	7047468	47.91%	2.676%
198	14.233	14.215	14.279	VV	2342	35962	0.24%	0.014%
199	14.303	14.279	14.321	VV	481	8420	0.06%	0.003%
200	14.341	14.321	14.378	VV	1297	20901	0.14%	0.008%
201	14.391	14.378	14.407	VV	338	5550	0.04%	0.002%
202	14.417	14.407	14.465	VV	329	5925	0.04%	0.002%
203	14.502	14.465	14.513	VV	220	3598	0.02%	0.001%
204	14.560	14.513	14.582	VV	1585	28669	0.19%	0.011%
205	14.610	14.582	14.634	VV	1704	32933	0.22%	0.013%
206	14.652	14.634	14.712	VV	1720	33637	0.23%	0.013%
207	14.738	14.712	14.786	VV	965	27066	0.18%	0.010%
208	14.833	14.786	14.871	VV	2026	45683	0.31%	0.017%
209	14.893	14.871	14.919	VV	3976	55841	0.38%	0.021%
210	14.957	14.919	14.990	VV	1890	39057	0.27%	0.015%
211	15.018	14.990	15.037	PV	636	7881	0.05%	0.003%
212	15.082	15.037	15.096	VV	723	16874	0.11%	0.006%
213	15.115	15.096	15.144	VV	896	16111	0.11%	0.006%
214	15.160	15.144	15.171	VV	680	7261	0.05%	0.003%
215	15.217	15.171	15.236	VV	552636	7653101	52.03%	2.906%
216	15.265	15.236	15.344	VV	776437	14709581	100.00%	5.586%
217	15.370	15.344	15.428	VV	3055	58351	0.40%	0.022%
218	15.458	15.428	15.489	VV	751	17932	0.12%	0.007%
219	15.517	15.489	15.542	VV	1059	21617	0.15%	0.008%
220	15.547	15.542	15.600	VV	770	16798	0.11%	0.006%
221	15.654	15.600	15.736	VV	27175	444729	3.02%	0.169%
222	15.754	15.736	15.765	VV	248	3322	0.02%	0.001%
223	15.799	15.765	15.829	VV	1777	34989	0.24%	0.013%
224	15.879	15.829	15.903	VV	3561	66420	0.45%	0.025%
225	15.920	15.903	15.948	VV	1473	20638	0.14%	0.008%
226	15.963	15.948	15.978	VV	498	5338	0.04%	0.002%
227	16.046	15.978	16.086	VV	1530	50603	0.34%	0.019%
228	16.121	16.086	16.147	VV	750	12209	0.08%	0.005%
229	16.174	16.147	16.194	VV	865	13195	0.09%	0.005%
230	16.205	16.194	16.222	VV	472	6296	0.04%	0.002%
231	16.249	16.222	16.260	VV	747	12267	0.08%	0.005%
232	16.306	16.260	16.346	VV	517853	6926542	47.09%	2.630%
233	16.366	16.346	16.391	VV	392	6135	0.04%	0.002%
234	16.413	16.391	16.422	PV	65	1059	0.01%	0.000%
235	16.444	16.422	16.459	PV	305	3672	0.02%	0.001%
236	16.495	16.459	16.533	VV	1974	36953	0.25%	0.014%
237	16.553	16.533	16.570	VV	893	13527	0.09%	0.005%
238	16.603	16.570	16.618	VV	1123	25689	0.17%	0.010%
239	16.672	16.618	16.727	VV	5021	146284	0.99%	0.056%
240	16.779	16.727	16.794	VV	459014	7463872	50.74%	2.834%
241	16.814	16.794	16.842	VV	584976	7168683	48.73%	2.722%
242	16.865	16.842	16.886	VV	6523	107147	0.73%	0.041%
243	16.901	16.886	16.925	VV	3792	58642	0.40%	0.022%
244	16.955	16.925	16.968	VV	1832	42489	0.29%	0.016%
245	16.981	16.968	16.999	VV	1935	31815	0.22%	0.012%
246	17.020	16.999	17.050	VV	4773	84994	0.58%	0.032%

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247	17.088	17.050	17.114	VV	10306	192968	1.31%	0.073%
248	17.161	17.114	17.198	VV	513636	7099318	48.26%	2.696%
249	17.257	17.198	17.292	VV	514728	6878540	46.76%	2.612%
250	17.329	17.292	17.365	VV	3160	69611	0.47%	0.026%
251	17.389	17.365	17.439	VV	1122	31054	0.21%	0.012%
252	17.452	17.439	17.472	VV	426	4347	0.03%	0.002%
253	17.518	17.472	17.576	PV	1545	45778	0.31%	0.017%
254	17.616	17.576	17.663	VV	5998	118810	0.81%	0.045%
255	17.704	17.663	17.755	VV	4678	92655	0.63%	0.035%
256	17.804	17.755	17.835	VV	1338	35258	0.24%	0.013%
257	17.851	17.835	17.895	VV	611	11751	0.08%	0.004%
258	17.929	17.895	17.968	PV	395	8147	0.06%	0.003%
259	18.035	17.968	18.081	PV	4411	77246	0.53%	0.029%
260	18.149	18.081	18.188	VV	456895	6733119	45.77%	2.557%
261	18.234	18.188	18.268	VV	2463	49091	0.33%	0.019%
262	18.313	18.268	18.339	VV	1642	37905	0.26%	0.014%
263	18.376	18.339	18.399	VV	1245	21272	0.14%	0.008%
264	18.428	18.399	18.458	VV	2200	39297	0.27%	0.015%
265	18.537	18.458	18.552	VV	475077	7512107	51.07%	2.853%
266	18.575	18.552	18.634	VV	492753	6672782	45.36%	2.534%
267	18.658	18.634	18.675	VV	2812	43204	0.29%	0.016%
268	18.693	18.675	18.738	VV	2272	48975	0.33%	0.019%
269	18.795	18.738	18.839	VV	438306	6481945	44.07%	2.461%
270	18.859	18.839	18.880	VV	1523	30372	0.21%	0.012%
271	18.910	18.880	18.933	VV	3161	62949	0.43%	0.024%
272	18.982	18.933	19.037	VV	459497	6632798	45.09%	2.519%
273	19.083	19.037	19.115	VV	5605	122156	0.83%	0.046%
274	19.136	19.115	19.156	VV	2632	47104	0.32%	0.018%
275	19.177	19.156	19.202	VV	3361	58121	0.40%	0.022%
276	19.212	19.202	19.230	VV	1311	18870	0.13%	0.007%
277	19.252	19.230	19.268	VV	1377	27130	0.18%	0.010%
278	19.331	19.268	19.358	VV	12538	279179	1.90%	0.106%
279	19.377	19.358	19.425	VV	7218	151483	1.03%	0.058%
280	19.455	19.425	19.498	VV	2702	90658	0.62%	0.034%
281	19.506	19.498	19.536	VV	2003	35280	0.24%	0.013%
282	19.583	19.536	19.599	VV	1749	52574	0.36%	0.020%
283	19.622	19.599	19.652	VV	1786	50928	0.35%	0.019%
284	19.669	19.652	19.694	VV	1578	35171	0.24%	0.013%
285	19.769	19.694	19.808	VV	445269	6704807	45.58%	2.546%
286	19.826	19.808	19.848	VV	3215	66373	0.45%	0.025%
287	19.872	19.848	19.901	VV	5296	108818	0.74%	0.041%
288	19.934	19.901	19.965	VV	5186	127503	0.87%	0.048%
289	20.003	19.965	20.029	VV	4443	125901	0.86%	0.048%
290	20.051	20.029	20.074	VV	3561	85382	0.58%	0.032%
291	20.110	20.074	20.199	VV	8441	349510	2.38%	0.133%
292	20.219	20.199	20.250	VV	2986	85463	0.58%	0.032%
293	20.297	20.250	20.345	VV	7779	281305	1.91%	0.107%
294	20.412	20.345	20.440	VV	5606	258527	1.76%	0.098%
295	20.510	20.440	20.552	VV	396349	6328801	43.03%	2.403%
296	20.591	20.552	20.603	VV	4075	120509	0.82%	0.046%
297	20.648	20.603	20.708	VV	7364	313046	2.13%	0.119%
298	20.735	20.708	20.759	VV	4339	125544	0.85%	0.048%
299	20.778	20.759	20.792	VV	4054	76972	0.52%	0.029%

					rteres.txt			
300	20.801	20.792	20.813	VV	3901	49617	0.34%	0.019%
301	20.867	20.813	20.895	VV	5672	222913	1.52%	0.085%
302	20.911	20.895	20.939	VV	4139	103386	0.70%	0.039%
303	20.981	20.939	21.020	VV	3938	181568	1.23%	0.069%
304	21.037	21.020	21.048	VV	3565	58950	0.40%	0.022%
305	21.055	21.048	21.082	VV	3442	68372	0.46%	0.026%
306	21.115	21.082	21.140	VV	3538	121119	0.82%	0.046%
307	21.168	21.140	21.208	VV	3727	143859	0.98%	0.055%
308	21.272	21.208	21.334	VV	323276	6159265	41.87%	2.339%
309	21.352	21.334	21.365	VV	2809	50743	0.34%	0.019%
310	21.373	21.365	21.420	VV	2775	83344	0.57%	0.032%
311	21.456	21.420	21.486	VV	2404	91138	0.62%	0.035%
312	21.574	21.486	21.642	VV	2382	206227	1.40%	0.078%
313	21.649	21.642	21.675	VV	2158	41252	0.28%	0.016%
314	21.715	21.675	21.810	VV	3152	197871	1.35%	0.075%
315	21.824	21.810	21.888	VV	1811	70120	0.48%	0.027%
316	21.906	21.888	21.935	VV	1428	37327	0.25%	0.014%
317	21.962	21.935	22.002	VV	1477	49805	0.34%	0.019%
318	22.061	22.002	22.112	VV	1687	79074	0.54%	0.030%
319	22.143	22.112	22.155	VV	1282	28190	0.19%	0.011%
320	22.223	22.155	22.372	VV	228759	5755056	39.12%	2.185%
321	22.430	22.372	22.502	PBA	984	42118	0.29%	0.016%
					Sum of corrected areas:	263347911		

Aliphatic EPH 082825.M Wed Sep 03 04:36:22 2025

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	Bayshore Soil BSM Management		Date Received:	
Client Sample ID:	RT5427MSD		SDG No.:	Q2994
Lab Sample ID:	Q2995-01MSD		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	91.4
Sample Wt/Vol:	30.09	Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH_NF
Prep Method :				

Prep Date :	Date Analyzed :	Prep Batch ID
09/02/25 10:30	09/02/25 17:40	PB169491

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	46.9	E	1	1.29	2.18	mg/kg	FF016305.D
Aliphatic C9-C28	Aliphatic C9-C28	110	E	1	0.99	4.36	mg/kg	FF016305.D
Total AliphaticEPH	Total AliphaticEPH	157			2.28	6.54	mg/kg	
Total EPH	Total EPH	157			2.28	6.54	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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	Bayshore Soil BSM Management		Date Received:	
Client Sample ID:	RT5427MSD		SDG No.:	Q2994
Lab Sample ID:	Q2995-01MSD		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	91.4
Sample Wt/Vol:	30.09	Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH_NF
Prep Method :				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF016305.D	1	09/02/25	09/02/25	PB169491

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	110	E	0.99	4.36	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	46.9	E	1.29	2.18	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.8		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.3		40 - 140	59%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2995-01MSD	Acq On:	02 Sep 2025 17:40
Client Sample ID:	RT5427MSD	Operator:	YP\AJ
Data file:	FF016305.D	Misc:	
Instrument:	FID_F	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.221	6.863	27249038	230.017	300	ug/ml
Aliphatic C12-C16	6.864	10.308	41526094	338.453	200	ug/ml
Aliphatic C16-C21	10.304	13.681	53499266	417.562	300	ug/ml
Aliphatic C21-C28	13.682	17.352	66816740	531.969	400	ug/ml
Aliphatic C28-C40	17.353	22.315	65606496	645.249	600	ug/ml
Aliphatic EPH	3.221	22.315	254697634	2160		ug/ml
ortho-Terphenyl (SURR)	11.977	11.977	4239887	29.32		ug/ml
1-chlorooctadecane (SURR)	13.417	13.417	3440527	30.84		ug/ml
Aliphatic C9-C28	3.221	17.352	189091138	1520	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090225AL\
 Data File : FF016305.D
 Signal(s) : FID2B.ch
 Acq On : 02 Sep 2025 17:40
 Operator : YP\AJ
 Sample : Q2995-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 03 02:18:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 03:35:42 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)	11.977	4239887	29.315 ug/ml
Spiked Amount 50.000		Recovery =	58.63%
12) S 1-chlorooctadecane (S...	13.417	3440527	30.845 ug/mlm
Spiked Amount 50.000		Recovery =	61.69%
Target Compounds			
1) T n-Nonane (C9)	3.335	4406114	37.687 ug/ml
2) T n-Decane (C10)	4.596	4987261	42.105 ug/ml
3) T A~Naphthalene (C11.7)	6.304	6188243	47.381 ug/ml
4) T n-Dodecane (C12)	6.772	5645585	47.034 ug/ml
5) T A~2-methylnaphthalene...	7.404	6108296	47.976 ug/ml
6) T n-Tetradecane (C14)	8.607	6088707	50.529 ug/ml
7) T n-Hexadecane (C16)	10.215	6581188	52.697 ug/mlm
8) T n-Octadecane (C18)	11.662	6757395	52.167 ug/ml
10) T n-Eicosane (C20)	12.974	7132056	55.776 ug/ml
11) T n-Heneicosane (C21)	13.587	6936199	54.630 ug/ml
13) T n-Docosane (C22)	14.175	6968342	54.885 ug/ml
14) T n-Tetracosane (C24)	15.264	14562639	113.845 ug/ml
15) T n-Hexacosane (C26)	16.307	6820427	54.561 ug/ml
16) T n-Octacosane (C28)	17.256	6742711	55.032 ug/ml
17) T n-Tricontane (C30)	18.149	6657584	53.457 ug/ml
18) T n-Dotriacontane (C32)	18.982	6477248	53.741 ug/ml
19) T n-Tetratriacontane (C34)	19.769	6537871	59.954 ug/ml
20) T n-Hexatriacontane (C36)	20.511	6015400	64.452 ug/ml
21) T n-Octatriacontane (C38)	21.271	5930324	70.515 ug/ml
22) T n-Tetracontane (C40)	22.224	5704081	72.656 ug/ml

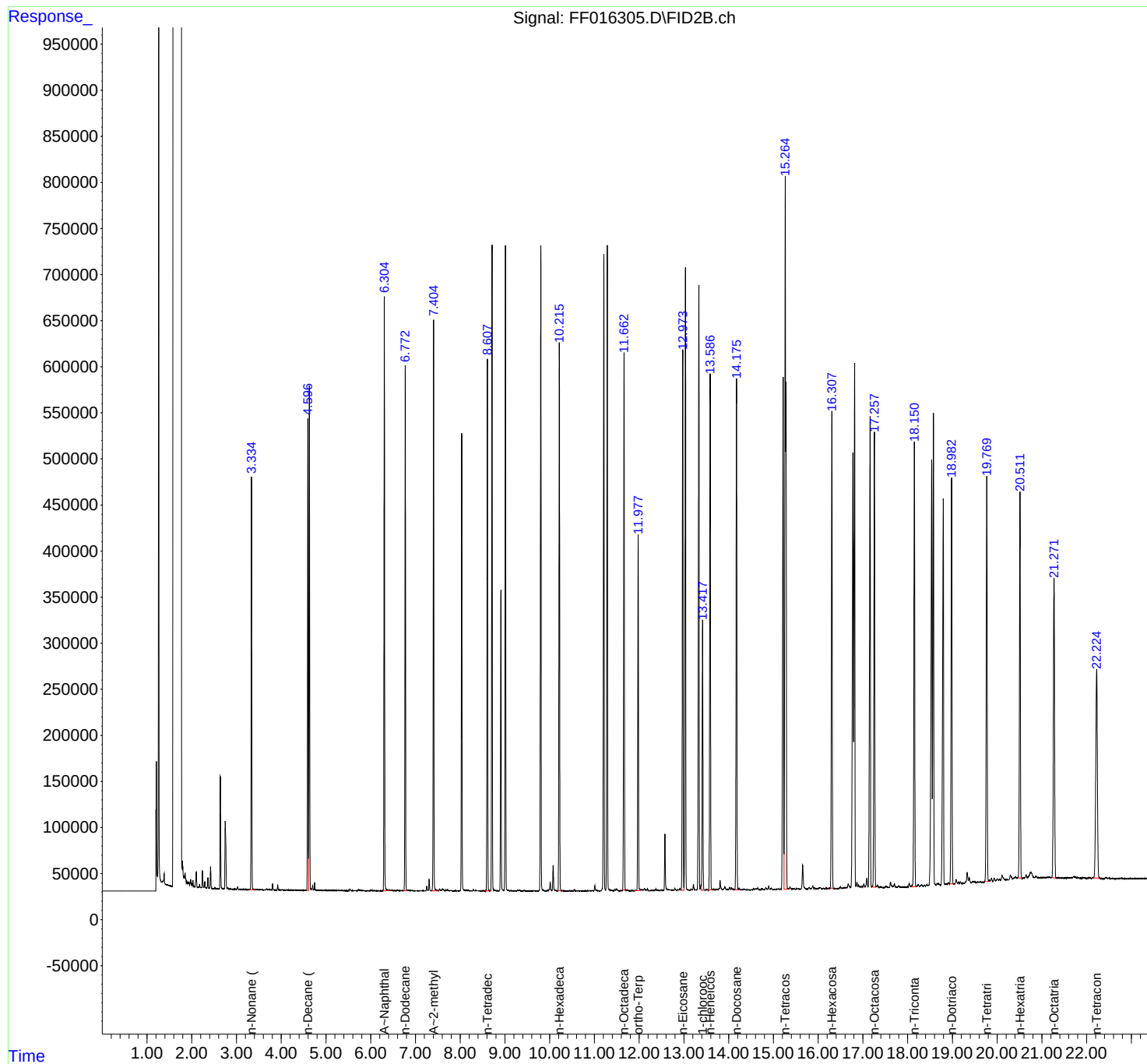
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090225AL\
Data File : FF016305.D
Signal(s) : FID2B.ch
Acq On : 02 Sep 2025 17:40
Operator : YP\AJ
Sample : Q2995-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File: sample.E
Quant Time: Sep 03 02:18:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 03:35:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090225AL\
 Data File : FF016305.D
 Signal(s) : FID2B.ch
 Acq On : 02 Sep 2025 17:40
 Sample : Q2995-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.874	2.818	2.955	BV	-252	-15292	-0.10%	-0.006%
2	2.971	2.955	2.998	PV	307	3672	0.03%	0.001%
3	3.026	2.998	3.051	VV	3190	31215	0.21%	0.012%
4	3.060	3.051	3.092	VV	157	1302	0.01%	0.000%
5	3.116	3.092	3.135	PV	180	2771	0.02%	0.001%
6	3.146	3.135	3.171	VV	276	3615	0.02%	0.001%
7	3.184	3.171	3.282	VV	333	8941	0.06%	0.003%
8	3.335	3.282	3.465	PV	448107	4415050	30.29%	1.682%
9	3.481	3.465	3.500	VV	333	4473	0.03%	0.002%
10	3.515	3.500	3.529	VV	284	3105	0.02%	0.001%
11	3.546	3.529	3.612	VV	199	4704	0.03%	0.002%
12	3.620	3.612	3.632	VV	98	837	0.01%	0.000%
13	3.674	3.632	3.722	VV	1510	24590	0.17%	0.009%
14	3.748	3.722	3.769	VV	456	6953	0.05%	0.003%
15	3.806	3.769	3.897	VV	6814	68567	0.47%	0.026%
16	3.922	3.897	3.962	PV	5369	54070	0.37%	0.021%
17	3.974	3.962	3.995	VV	290	4133	0.03%	0.002%
18	4.020	3.995	4.084	VV	474	10911	0.07%	0.004%
19	4.097	4.084	4.108	PV	235	1846	0.01%	0.001%
20	4.127	4.108	4.145	VV	353	4802	0.03%	0.002%
21	4.162	4.145	4.225	VV	337	7529	0.05%	0.003%
22	4.243	4.225	4.274	VV	243	3781	0.03%	0.001%
23	4.290	4.274	4.298	VV	210	1957	0.01%	0.001%
24	4.312	4.298	4.345	VV	347	6033	0.04%	0.002%
25	4.358	4.345	4.395	VV	185	3498	0.02%	0.001%
26	4.401	4.395	4.465	VV	101	1615	0.01%	0.001%
27	4.482	4.465	4.520	VV	159	2358	0.02%	0.001%
28	4.532	4.520	4.560	PV	85	1265	0.01%	0.000%
29	4.596	4.560	4.612	PV	509001	4987356	34.21%	1.900%
30	4.629	4.612	4.660	VV	543996	5368558	36.83%	2.045%
31	4.667	4.660	4.684	VV	1971	21165	0.15%	0.008%
32	4.702	4.684	4.725	VV	5307	57348	0.39%	0.022%
33	4.747	4.725	4.798	VV	8226	90149	0.62%	0.034%
34	4.819	4.798	4.863	VV	451	8848	0.06%	0.003%
35	4.878	4.863	4.892	VV	300	3884	0.03%	0.001%
36	4.904	4.892	4.925	VV	300	3421	0.02%	0.001%

rteres.txt								
37	4.961	4.925	5.022	VV	271	9818	0.07%	0.004%
38	5.057	5.022	5.076	VV	252	5780	0.04%	0.002%
39	5.095	5.076	5.142	VV	219	5624	0.04%	0.002%
40	5.176	5.142	5.259	VV	138	6258	0.04%	0.002%
41	5.299	5.259	5.316	VV	198	3704	0.03%	0.001%
42	5.321	5.316	5.342	VV	173	1893	0.01%	0.001%
43	5.352	5.342	5.364	VV	141	1334	0.01%	0.001%
44	5.385	5.364	5.398	VV	133	1894	0.01%	0.001%
45	5.414	5.398	5.454	VV	138	2671	0.02%	0.001%
46	5.466	5.454	5.512	VV	85	2323	0.02%	0.001%
47	5.536	5.512	5.658	VV	2248	30830	0.21%	0.012%
48	5.674	5.658	5.685	VV	64	717	0.00%	0.000%
49	5.692	5.685	5.704	PV	59	252	0.00%	0.000%
50	5.735	5.704	5.757	VV	1607	17468	0.12%	0.007%
51	5.783	5.757	5.825	VV	468	9867	0.07%	0.004%
52	5.831	5.825	5.905	VV	151	4142	0.03%	0.002%
53	5.924	5.905	5.957	VV	142	2049	0.01%	0.001%
54	5.977	5.957	5.986	VV	232	2482	0.02%	0.001%
55	5.992	5.986	6.027	VV	201	3042	0.02%	0.001%
56	6.048	6.027	6.087	VV	339	5848	0.04%	0.002%
57	6.100	6.087	6.165	VV	262	4152	0.03%	0.002%
58	6.190	6.165	6.215	PV	141	2906	0.02%	0.001%
59	6.224	6.215	6.266	VV	129	2479	0.02%	0.001%
60	6.304	6.266	6.446	VV	647072	6207304	42.58%	2.365%
61	6.483	6.446	6.528	VV	574	18956	0.13%	0.007%
62	6.536	6.528	6.545	VV	253	2299	0.02%	0.001%
63	6.558	6.545	6.583	VV	299	5995	0.04%	0.002%
64	6.606	6.583	6.642	VV	845	15018	0.10%	0.006%
65	6.652	6.642	6.674	VV	342	5708	0.04%	0.002%
66	6.686	6.674	6.738	VV	333	9859	0.07%	0.004%
67	6.772	6.738	6.832	VV	566588	5664032	38.85%	2.158%
68	6.846	6.832	6.892	VV	921	19528	0.13%	0.007%
69	6.922	6.892	6.951	VV	543	11909	0.08%	0.005%
70	6.960	6.951	7.014	VV	254	5444	0.04%	0.002%
71	7.037	7.014	7.048	VV	133	2308	0.02%	0.001%
72	7.060	7.048	7.075	VV	202	2451	0.02%	0.001%
73	7.097	7.075	7.123	VV	191	3575	0.02%	0.001%
74	7.153	7.123	7.169	VV	345	5518	0.04%	0.002%
75	7.186	7.169	7.227	VV	301	6406	0.04%	0.002%
76	7.252	7.227	7.282	PV	5029	61458	0.42%	0.023%
77	7.306	7.282	7.358	VV	12498	137867	0.95%	0.053%
78	7.404	7.358	7.520	VV	620291	6121258	41.99%	2.332%
79	7.541	7.520	7.581	VV	2210	37986	0.26%	0.014%
80	7.605	7.581	7.620	VV	2351	34022	0.23%	0.013%
81	7.628	7.620	7.662	VV	1474	20170	0.14%	0.008%
82	7.681	7.662	7.700	VV	1164	15519	0.11%	0.006%
83	7.720	7.700	7.743	VV	1891	22489	0.15%	0.009%
84	7.773	7.743	7.793	VV	597	11151	0.08%	0.004%
85	7.807	7.793	7.874	VV	393	8052	0.06%	0.003%
86	7.894	7.874	7.921	VV	638	8894	0.06%	0.003%
87	7.937	7.921	7.982	VV	257	5347	0.04%	0.002%
88	8.146	8.116	8.163	VV	827	19006	0.13%	0.007%
89	8.176	8.163	8.208	VV	830	13905	0.10%	0.005%

					rteres.txt			
90	8.220	8.208	8.236	VV	343	4316	0.03%	0.002%
91	8.250	8.236	8.268	VV	253	3792	0.03%	0.001%
92	8.296	8.268	8.328	VV	1908	24465	0.17%	0.009%
93	8.353	8.328	8.413	VV	1125	20744	0.14%	0.008%
94	8.426	8.413	8.452	VV	234	4077	0.03%	0.002%
95	8.461	8.452	8.482	VV	280	3464	0.02%	0.001%
96	8.513	8.482	8.548	VV	460	11372	0.08%	0.004%
97	8.607	8.548	8.673	VV	577705	6103392	41.87%	2.325%
98	8.712	8.673	8.778	VV	700157	7039170	48.29%	2.681%
99	8.788	8.778	8.822	VV	694	12745	0.09%	0.005%
100	8.832	8.822	8.874	VV	489	8337	0.06%	0.003%
101	9.012	8.977	9.107	VV	697529	7103928	48.73%	2.706%
102	9.138	9.107	9.173	VV	524	14188	0.10%	0.005%
103	9.196	9.173	9.211	VV	260	4215	0.03%	0.002%
104	9.230	9.211	9.259	VV	287	5771	0.04%	0.002%
105	9.286	9.259	9.305	VV	1057	15709	0.11%	0.006%
106	9.327	9.305	9.408	VV	1175	27894	0.19%	0.011%
107	9.431	9.408	9.455	VV	1199	14582	0.10%	0.006%
108	9.462	9.455	9.499	VV	235	4304	0.03%	0.002%
109	9.519	9.499	9.552	VV	202	3265	0.02%	0.001%
110	9.577	9.552	9.590	VV	230	2770	0.02%	0.001%
111	9.617	9.590	9.641	PV	320	4918	0.03%	0.002%
112	9.662	9.641	9.704	VV	480	8695	0.06%	0.003%
113	9.730	9.704	9.741	VV	194	3192	0.02%	0.001%
114	9.801	9.741	9.918	VV	702672	7398173	50.75%	2.818%
115	9.943	9.918	9.966	VV	1139	14874	0.10%	0.006%
116	10.012	9.966	10.043	VV	9958	142780	0.98%	0.054%
117	10.077	10.043	10.138	VV	27448	338829	2.32%	0.129%
118	10.144	10.138	10.172	VV	666	8786	0.06%	0.003%
119	10.215	10.172	10.278	VV	596106	6603015	45.30%	2.515%
120	10.296	10.278	10.349	VV	648	15597	0.11%	0.006%
121	10.358	10.349	10.367	VV	110	986	0.01%	0.000%
122	10.383	10.367	10.411	VV	151	2750	0.02%	0.001%
123	10.440	10.411	10.469	VV	531	8070	0.06%	0.003%
124	10.489	10.469	10.518	VV	522	6738	0.05%	0.003%
125	10.551	10.518	10.582	PV	1973	24418	0.17%	0.009%
126	10.597	10.582	10.615	VV	208	3236	0.02%	0.001%
127	10.651	10.615	10.670	VV	425	8913	0.06%	0.003%
128	10.683	10.670	10.705	VV	282	4299	0.03%	0.002%
129	10.725	10.705	10.756	VV	339	5598	0.04%	0.002%
130	10.802	10.756	10.832	PV	345	8517	0.06%	0.003%
131	10.856	10.832	10.897	VV	551	12476	0.09%	0.005%
132	10.910	10.897	10.917	VV	296	2876	0.02%	0.001%
133	10.954	10.917	10.981	VV	609	14345	0.10%	0.005%
134	11.008	10.981	11.040	VV	5853	75567	0.52%	0.029%
135	11.052	11.040	11.125	VV	712	12885	0.09%	0.005%
136	11.209	11.125	11.252	VV	687870	7627310	52.32%	2.905%
137	11.286	11.252	11.344	VV	686793	7588999	52.06%	2.891%
138	11.358	11.344	11.434	VV	1040	28689	0.20%	0.011%
139	11.461	11.434	11.478	VV	2024	25396	0.17%	0.010%
140	11.497	11.478	11.542	VV	2451	40326	0.28%	0.015%
141	11.549	11.542	11.568	VV	223	2900	0.02%	0.001%

					rteres.txt				
142	11.589	11.568	11.612	VV	419	6677	0.05%	0.003%	
143	11.662	11.612	11.715	VV	582241	6804274	46.68%	2.592%	
144	11.737	11.715	11.778	VV	865	19374	0.13%	0.007%	
145	11.813	11.778	11.832	VV	365	6115	0.04%	0.002%	
146	11.854	11.832	11.881	VV	372	6608	0.05%	0.003%	
147	11.901	11.881	11.918	VV	433	5456	0.04%	0.002%	
148	11.977	11.918	12.025	VV	386882	4248592	29.14%	1.618%	
149	12.041	12.025	12.061	VV	1730	25468	0.17%	0.010%	
150	12.074	12.061	12.090	VV	929	12829	0.09%	0.005%	
151	12.119	12.090	12.141	VV	2026	39350	0.27%	0.015%	
152	12.157	12.141	12.172	VV	1540	19641	0.13%	0.007%	
153	12.188	12.172	12.235	VV	1736	22935	0.16%	0.009%	
154	12.262	12.235	12.295	PV	452	6873	0.05%	0.003%	
155	12.332	12.295	12.349	VV	602	10312	0.07%	0.004%	
156	12.370	12.349	12.405	VV	1712	28176	0.19%	0.011%	
157	12.416	12.405	12.455	VV	645	9935	0.07%	0.004%	
158	12.485	12.455	12.532	VV	713	15268	0.10%	0.006%	
159	12.576	12.532	12.642	VV	61153	727778	4.99%	0.277%	
160	12.659	12.642	12.702	VV	1103	31873	0.22%	0.012%	
161	12.710	12.702	12.731	VV	752	11659	0.08%	0.004%	
162	12.756	12.731	12.771	VV	726	14357	0.10%	0.005%	
163	12.796	12.771	12.838	VV	2282	39450	0.27%	0.015%	
164	12.859	12.838	12.882	VV	1233	17257	0.12%	0.007%	
165	12.910	12.882	12.931	VV	2470	36550	0.25%	0.014%	
166	12.974	12.931	13.000	VV	587676	7141000	48.99%	2.720%	
167	13.034	13.000	13.115	VV	684050	7890112	54.12%	3.006%	
168	13.126	13.115	13.139	VV	450	5293	0.04%	0.002%	
169	13.163	13.139	13.180	VV	1060	17501	0.12%	0.007%	
170	13.213	13.180	13.262	VV	6511	98255	0.67%	0.037%	
171	13.268	13.262	13.292	VV	652	9831	0.07%	0.004%	
172	13.334	13.292	13.361	VV	662262	7887813	54.11%	3.005%	
173	13.417	13.361	13.455	VV	291812	3514075	24.11%	1.339%	
174	13.467	13.455	13.485	VV	565	8653	0.06%	0.003%	
175	13.500	13.485	13.514	VV	856	11286	0.08%	0.004%	
176	13.529	13.514	13.547	VV	828	12112	0.08%	0.005%	
177	13.587	13.547	13.640	VV	562422	6968626	47.80%	2.655%	
178	13.661	13.640	13.692	VV	1165	25275	0.17%	0.010%	
179	13.724	13.692	13.741	VV	1157	22930	0.16%	0.009%	
180	13.808	13.741	13.866	VV	10427	188828	1.30%	0.072%	
181	13.915	13.866	13.947	VV	3704	84547	0.58%	0.032%	
182	13.962	13.947	13.976	VV	990	14108	0.10%	0.005%	
183	13.985	13.976	13.998	VV	844	10268	0.07%	0.004%	
184	14.021	13.998	14.044	VV	2286	42155	0.29%	0.016%	
185	14.063	14.044	14.088	VV	2753	39912	0.27%	0.015%	
186	14.107	14.088	14.131	VV	872	18106	0.12%	0.007%	
187	14.175	14.131	14.214	VV	555562	6977274	47.86%	2.658%	
188	14.232	14.214	14.273	VV	2248	34634	0.24%	0.013%	
189	14.305	14.273	14.319	VV	462	8845	0.06%	0.003%	
190	14.341	14.319	14.395	VV	1284	25238	0.17%	0.010%	
191	14.418	14.395	14.460	VV	379	7961	0.05%	0.003%	
192	14.504	14.460	14.518	PV	268	3760	0.03%	0.001%	
193	14.560	14.518	14.584	VV	1627	28432	0.20%	0.011%	
194	14.610	14.584	14.633	VV	1730	32779	0.22%	0.012%	

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195	14.653	14.633	14.708	VV	1700	32854	0.23%	0.013%
196	14.739	14.708	14.788	VV	927	25835	0.18%	0.010%
197	14.833	14.788	14.871	VV	1875	43469	0.30%	0.017%
198	14.894	14.871	14.919	VV	4066	53760	0.37%	0.020%
199	14.956	14.919	14.995	VV	2019	38127	0.26%	0.015%
200	15.018	14.995	15.036	PV	561	8011	0.05%	0.003%
201	15.080	15.036	15.098	VV	742	17913	0.12%	0.007%
202	15.116	15.098	15.143	VV	960	15928	0.11%	0.006%
203	15.160	15.143	15.172	VV	700	7920	0.05%	0.003%
204	15.217	15.172	15.236	VV	562071	7599796	52.13%	2.895%
205	15.264	15.236	15.343	VV	773450	14577586	100.00%	5.553%
206	15.370	15.343	15.428	VV	2934	57840	0.40%	0.022%
207	15.456	15.428	15.488	VV	793	18640	0.13%	0.007%
208	15.517	15.488	15.605	VV	1129	38066	0.26%	0.015%
209	15.654	15.605	15.765	VV	26625	443325	3.04%	0.169%
210	15.798	15.765	15.832	VV	1839	37594	0.26%	0.014%
211	15.880	15.832	15.903	VV	3635	67311	0.46%	0.026%
212	15.920	15.903	15.945	VV	1459	20594	0.14%	0.008%
213	15.963	15.945	15.978	VV	495	6097	0.04%	0.002%
214	16.043	15.978	16.092	VV	1631	53821	0.37%	0.021%
215	16.121	16.092	16.150	VV	785	12869	0.09%	0.005%
216	16.176	16.150	16.194	PV	890	12929	0.09%	0.005%
217	16.206	16.194	16.222	VV	553	7163	0.05%	0.003%
218	16.307	16.222	16.349	VV	521534	6864918	47.09%	2.615%
219	16.366	16.349	16.384	VV	373	4562	0.03%	0.002%
220	16.416	16.384	16.423	VV	142	1962	0.01%	0.001%
221	16.440	16.423	16.456	VV	279	3269	0.02%	0.001%
222	16.495	16.456	16.535	VV	1913	37714	0.26%	0.014%
223	16.555	16.535	16.571	VV	863	13586	0.09%	0.005%
224	16.603	16.571	16.618	VV	1066	23829	0.16%	0.009%
225	16.635	16.618	16.645	VV	1097	16086	0.11%	0.006%
226	16.672	16.645	16.718	VV	5151	117844	0.81%	0.045%
227	16.777	16.718	16.794	VV	473178	7416487	50.88%	2.825%
228	16.815	16.794	16.842	VV	570277	7136119	48.95%	2.718%
229	16.865	16.842	16.886	VV	6396	105300	0.72%	0.040%
230	16.901	16.886	16.925	VV	3759	57808	0.40%	0.022%
231	16.951	16.925	16.968	VV	1751	41632	0.29%	0.016%
232	16.981	16.968	16.998	VV	1865	30025	0.21%	0.011%
233	17.021	16.998	17.051	VV	4713	84978	0.58%	0.032%
234	17.088	17.051	17.114	VV	10625	189463	1.30%	0.072%
235	17.161	17.114	17.197	VV	515913	7065577	48.47%	2.691%
236	17.256	17.197	17.311	VV	491158	6820796	46.79%	2.598%
237	17.329	17.311	17.355	VV	3035	47560	0.33%	0.018%
238	17.390	17.355	17.441	VV	1040	34719	0.24%	0.013%
239	17.452	17.441	17.474	VV	414	5071	0.03%	0.002%
240	17.517	17.474	17.578	PV	1562	44168	0.30%	0.017%
241	17.617	17.578	17.662	VV	5738	114043	0.78%	0.043%
242	17.704	17.662	17.751	VV	4064	87609	0.60%	0.033%
243	17.804	17.751	17.834	VV	1412	35926	0.25%	0.014%
244	17.852	17.834	17.893	VV	642	12605	0.09%	0.005%
245	17.924	17.893	17.965	VV	501	9475	0.06%	0.004%
246	18.035	17.965	18.078	PV	4329	80113	0.55%	0.031%

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247	18.149	18.078	18.195	VV	482849	6669505	45.75%	2.541%
248	18.235	18.195	18.268	VV	2522	52465	0.36%	0.020%
249	18.312	18.268	18.342	VV	1758	46436	0.32%	0.018%
250	18.375	18.342	18.400	VV	1377	28435	0.20%	0.011%
251	18.427	18.400	18.455	VV	2359	44099	0.30%	0.017%
252	18.536	18.455	18.552	VV	462338	7500225	51.45%	2.857%
253	18.575	18.552	18.632	VV	511472	6693510	45.92%	2.550%
254	18.658	18.632	18.675	VV	2862	50779	0.35%	0.019%
255	18.692	18.675	18.742	VV	2472	59580	0.41%	0.023%
256	18.795	18.742	18.832	VV	417720	6492859	44.54%	2.473%
257	18.861	18.832	18.882	VV	1646	43118	0.30%	0.016%
258	18.909	18.882	18.933	VV	3321	68420	0.47%	0.026%
259	18.982	18.933	19.040	VV	442781	6572349	45.09%	2.504%
260	19.083	19.040	19.114	VV	5714	131865	0.90%	0.050%
261	19.136	19.114	19.155	VV	3148	55470	0.38%	0.021%
262	19.176	19.155	19.200	VV	3443	64719	0.44%	0.025%
263	19.210	19.200	19.225	VV	1588	22260	0.15%	0.008%
264	19.251	19.225	19.267	VV	1874	39874	0.27%	0.015%
265	19.330	19.267	19.357	VV	13055	304558	2.09%	0.116%
266	19.377	19.357	19.420	VV	7148	157884	1.08%	0.060%
267	19.453	19.420	19.495	VV	3111	110812	0.76%	0.042%
268	19.504	19.495	19.534	VV	2575	51345	0.35%	0.020%
269	19.582	19.534	19.597	VV	2300	75916	0.52%	0.029%
270	19.624	19.597	19.653	VV	2359	72872	0.50%	0.028%
271	19.666	19.653	19.682	VV	2098	34883	0.24%	0.013%
272	19.768	19.682	19.807	VV	440772	6705358	46.00%	2.554%
273	19.826	19.807	19.845	VV	3853	76582	0.53%	0.029%
274	19.873	19.845	19.901	VV	5883	133801	0.92%	0.051%
275	19.934	19.901	19.962	VV	5675	142945	0.98%	0.054%
276	20.003	19.962	20.029	VV	4989	152931	1.05%	0.058%
277	20.051	20.029	20.075	VV	4035	102037	0.70%	0.039%
278	20.110	20.075	20.163	VV	8780	298641	2.05%	0.114%
279	20.175	20.163	20.198	VV	3815	75674	0.52%	0.029%
280	20.217	20.198	20.244	VV	3567	93167	0.64%	0.035%
281	20.296	20.244	20.348	VV	8007	319935	2.19%	0.122%
282	20.375	20.348	20.384	VV	4993	99729	0.68%	0.038%
283	20.410	20.384	20.442	VV	6309	186263	1.28%	0.071%
284	20.511	20.442	20.555	VV	423336	6336380	43.47%	2.414%
285	20.577	20.555	20.598	VV	4475	113201	0.78%	0.043%
286	20.647	20.598	20.676	VV	7787	258769	1.78%	0.099%
287	20.753	20.676	20.832	VV	10383	659346	4.52%	0.251%
288	20.868	20.832	20.897	VV	5858	192523	1.32%	0.073%
289	20.903	20.897	20.942	VV	4370	114250	0.78%	0.044%
290	20.975	20.942	20.986	VV	4246	111251	0.76%	0.042%
291	20.992	20.986	21.002	VV	4164	38488	0.26%	0.015%
292	21.042	21.002	21.081	VV	4151	193006	1.32%	0.074%
293	21.124	21.081	21.147	VV	4185	159974	1.10%	0.061%
294	21.168	21.147	21.212	VV	4170	151737	1.04%	0.058%
295	21.271	21.212	21.322	VV	327868	6145377	42.16%	2.341%
296	21.354	21.322	21.415	VV	2999	157995	1.08%	0.060%
297	21.424	21.415	21.442	VV	2642	41584	0.29%	0.016%
298	21.462	21.442	21.498	VV	2605	83382	0.57%	0.032%
299	21.572	21.498	21.606	VV	2622	158210	1.09%	0.060%

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300	21.644	21.606	21.672	VV	2516	95305	0.65%	0.036%
301	21.717	21.672	21.878	VV	3602	302467	2.07%	0.115%
302	21.908	21.878	21.928	VV	1753	49039	0.34%	0.019%
303	21.958	21.928	22.002	VV	1646	64677	0.44%	0.025%
304	22.054	22.002	22.105	VV	1865	87781	0.60%	0.033%
305	22.143	22.105	22.151	VV	1463	34512	0.24%	0.013%
306	22.224	22.151	22.372	VV	227921	5802212	39.80%	2.210%
307	22.433	22.372	22.474	PV	938	23757	0.16%	0.009%
					Sum of corrected areas:		262520289	

Aliphatic EPH 082825.M Wed Sep 03 04:37:36 2025

Manual Integration Report

Sequence:

FE082925AL

Instrument

FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
5 PPM ALIPHATIC HC	FE055549.D	n-Octadecane (C18)	yogesh	8/29/2025 10:36:53 AM	mohammad	8/30/2025 12:45:13	Peak Integrated by Software
Q2970-19	FE055558.D	1-chlorooctadecane (SURR)	yogesh	8/29/2025 10:36:54 AM	mohammad	8/30/2025 12:45:13	Peak Integrated by Software
Q2970-31	FE055560.D	1-chlorooctadecane (SURR)	yogesh	8/29/2025 10:36:56 AM	mohammad	8/30/2025 12:45:13	Peak Integrated by Software



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

Manual Integration Report

Sequence:

fe090325al

Instrument

FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3001-06	FE055650.D	ortho-Terphenyl (SURR)	yogesh	9/4/2025 7:41:10 AM	 	 	Peak Integrated by Software



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Manual Integration Report

Sequence:

FF082825AL

Instrument

FID_f

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	FF090225AL	Instrument	FID_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FF016298.D	1-chlorooctadecane (SURRE)	yogesh	9/3/2025 7:58:54 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF016298.D	n-Hexacosane (C26)	yogesh	9/3/2025 7:58:54 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF016298.D	n-Hexadecane (C16)	yogesh	9/3/2025 7:58:54 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF016298.D	n-Octadecane (C18)	yogesh	9/3/2025 7:58:54 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software
PB169491BL	FF016299.D	1-chlorooctadecane (SURRE)	yogesh	9/3/2025 7:58:55 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software
PB169491BS	FF016300.D	1-chlorooctadecane (SURRE)	yogesh	9/3/2025 7:58:57 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software
PB169491BS	FF016300.D	n-Hexadecane (C16)	yogesh	9/3/2025 7:58:57 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software
PB169491BSD	FF016301.D	1-chlorooctadecane (SURRE)	yogesh	9/3/2025 7:58:59 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software
PB169491BSD	FF016301.D	n-Hexadecane (C16)	yogesh	9/3/2025 7:58:59 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software
Q2995-01	FF016302.D	1-chlorooctadecane (SURRE)	yogesh	9/3/2025 7:59:02 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software
Q2995-01D	FF016303.D	1-chlorooctadecane (SURRE)	yogesh	9/3/2025 7:59:05 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software
Q2995-01MS	FF016304.D	1-chlorooctadecane (SURRE)	yogesh	9/3/2025 7:59:06 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software
Q2995-01MS	FF016304.D	n-Hexadecane (C16)	yogesh	9/3/2025 7:59:06 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software

Manual Integration Report

Sequence:

FF090225AL

Instrument

FID_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2995-01MSD	FF016305.D	1-chlorooctadecane (SURRE)	yogesh	9/3/2025 7:59:08 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software
Q2995-01MSD	FF016305.D	n-Hexadecane (C16)	yogesh	9/3/2025 7:59:08 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software
Q2989-02	FF016306.D	1-chlorooctadecane (SURRE)	yogesh	9/3/2025 7:59:10 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software
Q2989-03	FF016307.D	1-chlorooctadecane (SURRE)	yogesh	9/3/2025 7:59:14 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software
Q2989-04	FF016308.D	1-chlorooctadecane (SURRE)	yogesh	9/3/2025 7:59:15 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF016310.D	1-chlorooctadecane (SURRE)	yogesh	9/3/2025 7:59:17 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF016310.D	n-Hexacosane (C26)	yogesh	9/3/2025 7:59:17 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software
20 PPM ALIPHATIC HC	FF016310.D	n-Hexadecane (C16)	yogesh	9/3/2025 7:59:17 AM	mohammad	9/4/2025 1:46:45	Peak Integrated by Software



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

Manual Integration Report

Sequence:

FG082825AL

Instrument

FID_g

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:

fg090225a1

Instrument

FID_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FG016497.D	n-Tetracontane (C40)	yogesh	9/3/2025 7:57:06 AM	mohammad	9/4/2025 1:46:52	Peak Integrated by Software
Q2991-01	FG016498.D	1-chlorooctadecane (SURRE)	yogesh	9/3/2025 7:57:08 AM	mohammad	9/4/2025 1:46:52	Peak Integrated by Software
Q2991-01	FG016498.D	ortho-Terphenyl (SURRE)	yogesh	9/3/2025 7:57:08 AM	mohammad	9/4/2025 1:46:52	Peak Integrated by Software
Q2996-01	FG016504.D	1-chlorooctadecane (SURRE)	yogesh	9/3/2025 7:57:09 AM	mohammad	9/4/2025 1:46:52	Peak Integrated by Software
Q2996-01	FG016504.D	ortho-Terphenyl (SURRE)	yogesh	9/3/2025 7:57:09 AM	mohammad	9/4/2025 1:46:52	Peak Integrated by Software
Q2996-03	FG016505.D	1-chlorooctadecane (SURRE)	yogesh	9/3/2025 7:57:11 AM	mohammad	9/4/2025 1:46:52	Peak Integrated by Software
Q2996-03	FG016505.D	ortho-Terphenyl (SURRE)	yogesh	9/3/2025 7:57:11 AM	mohammad	9/4/2025 1:46:52	Peak Integrated by Software
Q2996-05	FG016506.D	1-chlorooctadecane (SURRE)	yogesh	9/3/2025 7:57:12 AM	mohammad	9/4/2025 1:46:52	Peak Integrated by Software
Q2996-05	FG016506.D	ortho-Terphenyl (SURRE)	yogesh	9/3/2025 7:57:12 AM	mohammad	9/4/2025 1:46:52	Peak Integrated by Software

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE082925AL

Review By	yogesh	Review On	8/29/2025 10:37:13 AM
Supervise By	mohammad	Supervise On	8/30/2025 12:45:13 AM
SubDirectory	FE082925AL	HP Acquire Method	HP Processing Method FE082925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24771 PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE055543.D	28 Aug 2025 08:33	YP\AJ	Ok
2	I.BLK	FE055544.D	28 Aug 2025 09:03	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE055545.D	28 Aug 2025 09:34	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE055546.D	28 Aug 2025 10:04	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FE055547.D	28 Aug 2025 10:34	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE055548.D	28 Aug 2025 11:04	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FE055549.D	28 Aug 2025 11:35	YP\AJ	Ok,M
8	20 PPM ALIPHATIC HC STD ICV	FE055550.D	28 Aug 2025 12:05	YP\AJ	Ok
9	I.BLK	FE055551.D	28 Aug 2025 12:35	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE055552.D	28 Aug 2025 13:06	YP\AJ	Ok
11	Q2969-01	FE055553.D	28 Aug 2025 14:35	YP\AJ	Ok
12	Q2969-02	FE055554.D	28 Aug 2025 15:05	YP\AJ	Ok
13	Q2970-01	FE055555.D	28 Aug 2025 15:36	YP\AJ	Ok
14	Q2970-07	FE055556.D	28 Aug 2025 16:06	YP\AJ	Ok
15	Q2970-13	FE055557.D	28 Aug 2025 16:36	YP\AJ	Ok
16	Q2970-19	FE055558.D	28 Aug 2025 17:07	YP\AJ	Ok,M
17	Q2970-25	FE055559.D	28 Aug 2025 17:37	YP\AJ	Ok
18	Q2970-31	FE055560.D	28 Aug 2025 18:08	YP\AJ	Ok,M
19	Q2970-32	FE055561.D	28 Aug 2025 18:38	YP\AJ	Ok
20	Q2970-33	FE055562.D	28 Aug 2025 19:09	YP\AJ	Ok
21	Q2970-34	FE055563.D	28 Aug 2025 19:39	YP\AJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE082925AL

Review By	yogesh	Review On	8/29/2025 10:37:13 AM
Supervise By	mohammad	Supervise On	8/30/2025 12:45:13 AM
SubDirectory	FE082925AL	HP Acquire Method	HP Processing Method FE082925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24771 PP24769,PP24774		

22	Q2970-35	FE055564.D	28 Aug 2025 20:10	YPIAJ	Ok
23	Q2971-01	FE055565.D	28 Aug 2025 20:40	YPIAJ	Ok
24	Q2971-07	FE055566.D	28 Aug 2025 21:10	YPIAJ	Ok
25	Q2971-13	FE055567.D	28 Aug 2025 21:41	YPIAJ	Ok
26	Q2971-19	FE055568.D	28 Aug 2025 22:11	YPIAJ	Ok
27	Q2971-25	FE055569.D	28 Aug 2025 22:41	YPIAJ	Ok
28	Q2971-31	FE055570.D	28 Aug 2025 23:12	YPIAJ	Ok
29	I.BLK	FE055571.D	29 Aug 2025 00:12	YPIAJ	Ok
30	20 PPM ALIPHATIC HC STD	FE055572.D	29 Aug 2025 00:42	YPIAJ	Ok
31	PB169440BL	FE055573.D	29 Aug 2025 01:43	YPIAJ	Ok
32	PB169440BS	FE055574.D	29 Aug 2025 02:13	YPIAJ	Ok
33	PB169440BSD	FE055575.D	29 Aug 2025 02:43	YPIAJ	Ok
34	PB169430BL	FE055576.D	29 Aug 2025 03:14	YPIAJ	Ok
35	PB169430BS	FE055577.D	29 Aug 2025 03:44	YPIAJ	Ok
36	PB169430BSD	FE055578.D	29 Aug 2025 04:14	YPIAJ	Ok
37	Q2970-08	FE055579.D	29 Aug 2025 04:45	YPIAJ	Ok
38	Q2970-08D	FE055580.D	29 Aug 2025 05:15	YPIAJ	Ok
39	Q2970-08MS	FE055581.D	29 Aug 2025 05:45	YPIAJ	Ok
40	Q2970-08MSD	FE055582.D	29 Aug 2025 06:15	YPIAJ	Ok
41	Q2970-09	FE055583.D	29 Aug 2025 06:45	YPIAJ	Ok
42	Q2970-23	FE055584.D	29 Aug 2025 07:16	YPIAJ	Ok
43	I.BLK	FE055585.D	29 Aug 2025 07:46	YPIAJ	Ok
44	20 PPM ALIPHATIC HC STD	FE055586.D	29 Aug 2025 08:16	YPIAJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE082925AL

Review By	yogesh	Review On	8/29/2025 10:37:13 AM
Supervise By	mohammad	Supervise On	8/30/2025 12:45:13 AM
SubDirectory	FE082925AL	HP Acquire Method	HP Processing Method FE082925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE090325AL

Review By	yogesh	Review On	9/3/2025 11:16:06 AM
Supervise By		Supervise On	
SubDirectory	FE090325AL	HP Acquire Method	HP Processing Method FE082925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24771 PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE055626.D	03 Sep 2025 08:14	YP\AJ	Ok
2	I.BLK	FE055627.D	03 Sep 2025 08:45	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE055628.D	03 Sep 2025 09:15	YP\AJ	Ok
4	Q2997-02	FE055629.D	03 Sep 2025 09:50	YP\AJ	Dilution
5	Q2997-02DL	FE055630.D	03 Sep 2025 10:21	YP\AJ	Ok
6	PB169491BL	FE055631.D	03 Sep 2025 11:22	YP\AJ	Ok
7	PB169491BS	FE055632.D	03 Sep 2025 11:52	YP\AJ	Ok
8	PB169491BSD	FE055633.D	03 Sep 2025 12:23	YP\AJ	Ok
9	PB169462BL	FE055634.D	03 Sep 2025 12:53	YP\AJ	Ok
10	PB169462BS	FE055635.D	03 Sep 2025 13:23	YP\AJ	Ok
11	PB169462BSD	FE055636.D	03 Sep 2025 13:54	YP\AJ	Ok
12	I.BLK	FE055637.D	03 Sep 2025 14:24	YP\AJ	Ok
13	20 PPM ALIPHATIC HC STD	FE055638.D	03 Sep 2025 14:55	YP\AJ	Ok
14	PB169516BL	FE055639.D	03 Sep 2025 15:25	YP\AJ	Ok
15	PB169516BS	FE055640.D	03 Sep 2025 15:56	YP\AJ	Ok
16	PB169516BSD	FE055641.D	03 Sep 2025 16:26	YP\AJ	Ok
17	Q3001-01	FE055642.D	03 Sep 2025 16:57	YP\AJ	Ok
18	Q3001-01D	FE055643.D	03 Sep 2025 17:27	YP\AJ	Ok
19	Q3001-01MS	FE055644.D	03 Sep 2025 17:58	YP\AJ	Ok
20	Q3001-01MSD	FE055645.D	03 Sep 2025 18:28	YP\AJ	Ok
21	Q3001-02	FE055646.D	03 Sep 2025 18:59	YP\AJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE090325AL

Review By	yogesh	Review On	9/3/2025 11:16:06 AM
Supervise By		Supervise On	
SubDirectory	FE090325AL	HP Acquire Method	HP Processing Method FE082925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24771 PP24769,PP24774		

22	Q3001-03	FE055647.D	03 Sep 2025 19:29	YP\AJ	Ok
23	Q3001-04	FE055648.D	03 Sep 2025 20:00	YP\AJ	Ok
24	Q3001-05	FE055649.D	03 Sep 2025 20:30	YP\AJ	Ok
25	Q3001-06	FE055650.D	03 Sep 2025 21:00	YP\AJ	Dilution
26	Q3003-01	FE055651.D	03 Sep 2025 21:31	YP\AJ	Ok
27	I.BLK	FE055652.D	03 Sep 2025 22:31	YP\AJ	Ok
28	20 PPM ALIPHATIC HC STD	FE055653.D	03 Sep 2025 23:02	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF082825AL

Review By	yogesh	Review On	8/28/2025 12:15:49 PM
Supervise By	mohammad	Supervise On	8/30/2025 12:49:40 AM
SubDirectory	FF082825AL	HP Acquire Method	HP Processing Method FF082825AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016260.D	28 Aug 2025 13:29	YP\AJ	Ok
2	I.BLK	FF016261.D	28 Aug 2025 13:58	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FF016262.D	28 Aug 2025 14:28	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FF016263.D	28 Aug 2025 14:57	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FF016264.D	28 Aug 2025 15:27	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FF016265.D	28 Aug 2025 15:56	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FF016266.D	28 Aug 2025 16:26	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FF016267.D	28 Aug 2025 17:25	YP\AJ	Ok
9	I.BLK	FF016268.D	28 Aug 2025 17:55	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FF016269.D	28 Aug 2025 18:54	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF090225AL

Review By		Review On	
Supervise By		Supervise On	
SubDirectory	FF090225AL	HP Acquire Method	HP Processing Method FF082825AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016296.D	02 Sep 2025 10:06	YP\AJ	Ok
2	I.BLK	FF016297.D	02 Sep 2025 10:35	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FF016298.D	02 Sep 2025 11:50	YP\AJ	Ok,M
4	PB169491BL	FF016299.D	02 Sep 2025 14:43	YP\AJ	Ok,M
5	PB169491BS	FF016300.D	02 Sep 2025 15:12	YP\AJ	Not Ok
6	PB169491BSD	FF016301.D	02 Sep 2025 15:41	YP\AJ	Not Ok
7	Q2995-01	FF016302.D	02 Sep 2025 16:11	YP\AJ	Ok,M
8	Q2995-01D	FF016303.D	02 Sep 2025 16:41	YP\AJ	Ok,M
9	Q2995-01MS	FF016304.D	02 Sep 2025 17:10	YP\AJ	Ok,M
10	Q2995-01MSD	FF016305.D	02 Sep 2025 17:40	YP\AJ	Ok,M
11	Q2989-02	FF016306.D	02 Sep 2025 18:10	YP\AJ	Ok,M
12	Q2989-03	FF016307.D	02 Sep 2025 18:39	YP\AJ	Ok,M
13	Q2989-04	FF016308.D	02 Sep 2025 19:09	YP\AJ	Ok,M
14	I.BLK	FF016309.D	03 Sep 2025 02:11	YP\AJ	Ok
15	20 PPM ALIPHATIC HC STD	FF016310.D	03 Sep 2025 03:09	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG082825AL

Review By	yogesh	Review On	8/28/2025 10:29:18 AM
Supervise By	mohammad	Supervise On	8/30/2025 12:49:25 AM
SubDirectory	FG082825AL	HP Acquire Method	HP Processing Method FG082825AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016426.D	28 Aug 2025 08:34	YP\AJ	Ok
2	I.BLK	FG016427.D	28 Aug 2025 09:04	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FG016428.D	28 Aug 2025 09:33	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FG016429.D	28 Aug 2025 10:02	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FG016430.D	28 Aug 2025 10:32	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FG016431.D	28 Aug 2025 11:01	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FG016432.D	28 Aug 2025 11:31	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FG016433.D	28 Aug 2025 12:00	YP\AJ	Ok
9	I.BLK	FG016434.D	28 Aug 2025 12:30	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FG016435.D	28 Aug 2025 12:59	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG090225AL

Review By		Review On	
Supervise By		Supervise On	
SubDirectory	FG090225AL	HP Acquire Method	HP Processing Method FG082825AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016495.D	02 Sep 2025 10:06	YP\AJ	Ok
2	I.BLK	FG016496.D	02 Sep 2025 10:35	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FG016497.D	02 Sep 2025 11:05	YP\AJ	Ok,M
4	Q2991-01	FG016498.D	02 Sep 2025 14:43	YP\AJ	Dilution
5	Q2994-01	FG016499.D	02 Sep 2025 15:12	YP\AJ	Ok
6	Q2982-01	FG016500.D	02 Sep 2025 15:41	YP\AJ	Dilution
7	Q2982-03	FG016501.D	02 Sep 2025 16:11	YP\AJ	Ok
8	Q2982-05	FG016502.D	02 Sep 2025 16:41	YP\AJ	Dilution
9	Q2989-01	FG016503.D	02 Sep 2025 17:10	YP\AJ	Ok
10	Q2996-01	FG016504.D	02 Sep 2025 17:40	YP\AJ	Dilution
11	Q2996-03	FG016505.D	02 Sep 2025 18:10	YP\AJ	Dilution
12	Q2996-05	FG016506.D	02 Sep 2025 18:39	YP\AJ	Dilution
13	Q2997-01	FG016507.D	02 Sep 2025 19:09	YP\AJ	Dilution
14	I.BLK	FG016508.D	03 Sep 2025 02:11	YP\AJ	Ok
15	20 PPM ALIPHATIC HC STD	FG016509.D	03 Sep 2025 02:40	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE082925AL

Review By	yogesh	Review On	8/29/2025 10:37:13 AM
Supervise By	mohammad	Supervise On	8/30/2025 12:45:13 AM
SubDirectory	FE082925AL	HP Acquire Method	HP Processing Method FE082925AL
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	FE055543.D	28 Aug 2025 08:33		YPIAJ	Ok
2	I.BLK	I.BLK	FE055544.D	28 Aug 2025 09:03		YPIAJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FE055545.D	28 Aug 2025 09:34		YPIAJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE055546.D	28 Aug 2025 10:04		YPIAJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055547.D	28 Aug 2025 10:34		YPIAJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE055548.D	28 Aug 2025 11:04		YPIAJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE055549.D	28 Aug 2025 11:35		YPIAJ	Ok,M
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055550.D	28 Aug 2025 12:05		YPIAJ	Ok
9	I.BLK	I.BLK	FE055551.D	28 Aug 2025 12:35		YPIAJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055552.D	28 Aug 2025 13:06		YPIAJ	Ok
11	Q2969-01	TR-05-08272025	FE055553.D	28 Aug 2025 14:35		YPIAJ	Ok
12	Q2969-02	TR-05-08272025-E2	FE055554.D	28 Aug 2025 15:05		YPIAJ	Ok
13	Q2970-01	TP10	FE055555.D	28 Aug 2025 15:36		YPIAJ	Ok
14	Q2970-07	TP11	FE055556.D	28 Aug 2025 16:06		YPIAJ	Ok
15	Q2970-13	TP12	FE055557.D	28 Aug 2025 16:36		YPIAJ	Ok
16	Q2970-19	TP9	FE055558.D	28 Aug 2025 17:07		YPIAJ	Ok,M
17	Q2970-25	TP6	FE055559.D	28 Aug 2025 17:37		YPIAJ	Ok
18	Q2970-31	TP3	FE055560.D	28 Aug 2025 18:08		YPIAJ	Ok,M

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE082925AL

Review By	yogesh	Review On	8/29/2025 10:37:13 AM
Supervise By	mohammad	Supervise On	8/30/2025 12:45:13 AM
SubDirectory	FE082925AL	HP Acquire Method	HP Processing Method
			FE082925AL
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	Q2970-32	TP3-A	FE055561.D	28 Aug 2025 18:38		YPIAJ	Ok
20	Q2970-33	TP3-B	FE055562.D	28 Aug 2025 19:09		YPIAJ	Ok
21	Q2970-34	TP3-C	FE055563.D	28 Aug 2025 19:39		YPIAJ	Ok
22	Q2970-35	TP3-D	FE055564.D	28 Aug 2025 20:10		YPIAJ	Ok
23	Q2971-01	TP2	FE055565.D	28 Aug 2025 20:40		YPIAJ	Ok
24	Q2971-07	TP1	FE055566.D	28 Aug 2025 21:10		YPIAJ	Ok
25	Q2971-13	TP5	FE055567.D	28 Aug 2025 21:41		YPIAJ	Ok
26	Q2971-19	TP8	FE055568.D	28 Aug 2025 22:11		YPIAJ	Ok
27	Q2971-25	TP7	FE055569.D	28 Aug 2025 22:41		YPIAJ	Ok
28	Q2971-31	TP4	FE055570.D	28 Aug 2025 23:12		YPIAJ	Ok
29	I.BLK	I.BLK	FE055571.D	29 Aug 2025 00:12		YPIAJ	Ok
30	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055572.D	29 Aug 2025 00:42		YPIAJ	Ok
31	PB169440BL	PB169440BL	FE055573.D	29 Aug 2025 01:43		YPIAJ	Ok
32	PB169440BS	PB169440BS	FE055574.D	29 Aug 2025 02:13		YPIAJ	Ok
33	PB169440BSD	PB169440BSD	FE055575.D	29 Aug 2025 02:43		YPIAJ	Ok
34	PB169430BL	PB169430BL	FE055576.D	29 Aug 2025 03:14		YPIAJ	Ok
35	PB169430BS	PB169430BS	FE055577.D	29 Aug 2025 03:44		YPIAJ	Ok
36	PB169430BSD	PB169430BSD	FE055578.D	29 Aug 2025 04:14		YPIAJ	Ok
37	Q2970-08	TP11-A	FE055579.D	29 Aug 2025 04:45		YPIAJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE082925AL

Review By	yogesh	Review On	8/29/2025 10:37:13 AM
Supervise By	mohammad	Supervise On	8/30/2025 12:45:13 AM
SubDirectory	FE082925AL	HP Acquire Method	HP Processing Method FE082925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

38	Q2970-08D	Q2970-08D	FE055580.D	29 Aug 2025 05:15		YP\AJ	Ok
39	Q2970-08MS	TP11-AMS	FE055581.D	29 Aug 2025 05:45	FE055579.D	YP\AJ	Ok
40	Q2970-08MSD	TP11-AMSD	FE055582.D	29 Aug 2025 06:15	FE055579.D!FE055581.D	YP\AJ	Ok
41	Q2970-09	TP11-B	FE055583.D	29 Aug 2025 06:45		YP\AJ	Ok
42	Q2970-23	TP9-D	FE055584.D	29 Aug 2025 07:16		YP\AJ	Ok
43	I.BLK	I.BLK	FE055585.D	29 Aug 2025 07:46		YP\AJ	Ok
44	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055586.D	29 Aug 2025 08:16		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE090325AL

Review By	yogesh	Review On	9/3/2025 11:16:06 AM
Supervise By		Supervise On	
SubDirectory	FE090325AL	HP Acquire Method	HP Processing Method FE082925AL
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	FE055626.D	03 Sep 2025 08:14		YPIAJ	Ok
2	I.BLK	I.BLK	FE055627.D	03 Sep 2025 08:45		YPIAJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055628.D	03 Sep 2025 09:15		YPIAJ	Ok
4	Q2997-02	EO-01-082925-E2	FE055629.D	03 Sep 2025 09:50	Need 10X	YPIAJ	Dilution
5	Q2997-02DL	EO-01-082925-E2DL	FE055630.D	03 Sep 2025 10:21		YPIAJ	Ok
6	PB169491BL	PB169491BL	FE055631.D	03 Sep 2025 11:22		YPIAJ	Ok
7	PB169491BS	PB169491BS	FE055632.D	03 Sep 2025 11:52		YPIAJ	Ok
8	PB169491BSD	PB169491BSD	FE055633.D	03 Sep 2025 12:23		YPIAJ	Ok
9	PB169462BL	PB169462BL	FE055634.D	03 Sep 2025 12:53		YPIAJ	Ok
10	PB169462BS	PB169462BS	FE055635.D	03 Sep 2025 13:23		YPIAJ	Ok
11	PB169462BSD	PB169462BSD	FE055636.D	03 Sep 2025 13:54		YPIAJ	Ok
12	I.BLK	I.BLK	FE055637.D	03 Sep 2025 14:24		YPIAJ	Ok
13	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055638.D	03 Sep 2025 14:55		YPIAJ	Ok
14	PB169516BL	PB169516BL	FE055639.D	03 Sep 2025 15:25		YPIAJ	Ok
15	PB169516BS	PB169516BS	FE055640.D	03 Sep 2025 15:56		YPIAJ	Ok
16	PB169516BSD	PB169516BSD	FE055641.D	03 Sep 2025 16:26		YPIAJ	Ok
17	Q3001-01	S-1	FE055642.D	03 Sep 2025 16:57		YPIAJ	Ok
18	Q3001-01D	Q3001-01D	FE055643.D	03 Sep 2025 17:27		YPIAJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE090325AL

Review By	yogesh	Review On	9/3/2025 11:16:06 AM
Supervise By		Supervise On	
SubDirectory	FE090325AL	HP Acquire Method	HP Processing Method FE082925AL
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	Q3001-01MS	S-1MS	FE055644.D	03 Sep 2025 17:58	FE055642.D	YP\AJ	Ok
20	Q3001-01MSD	S-1MSD	FE055645.D	03 Sep 2025 18:28	FE055642.D!FE055644.D	YP\AJ	Ok
21	Q3001-02	S-2	FE055646.D	03 Sep 2025 18:59		YP\AJ	Ok
22	Q3001-03	S-3	FE055647.D	03 Sep 2025 19:29		YP\AJ	Ok
23	Q3001-04	S-4	FE055648.D	03 Sep 2025 20:00		YP\AJ	Ok
24	Q3001-05	S-5	FE055649.D	03 Sep 2025 20:30		YP\AJ	Ok
25	Q3001-06	S-6	FE055650.D	03 Sep 2025 21:00	Need 2X	YP\AJ	Dilution
26	Q3003-01	VNJ-231	FE055651.D	03 Sep 2025 21:31		YP\AJ	Ok
27	I.BLK	I.BLK	FE055652.D	03 Sep 2025 22:31		YP\AJ	Ok
28	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055653.D	03 Sep 2025 23:02		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF082825AL

Review By	yogesh	Review On	8/28/2025 12:15:49 PM
Supervise By	mohammad	Supervise On	8/30/2025 12:49:40 AM
SubDirectory	FF082825AL	HP Acquire Method	HP Processing Method FF082825AL

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

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FF016260.D	28 Aug 2025 13:29		YP\AJ	Ok
2	I.BLK	I.BLK	FF016261.D	28 Aug 2025 13:58		YP\AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FF016262.D	28 Aug 2025 14:28		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FF016263.D	28 Aug 2025 14:57		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FF016264.D	28 Aug 2025 15:27		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FF016265.D	28 Aug 2025 15:56		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FF016266.D	28 Aug 2025 16:26		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FF016267.D	28 Aug 2025 17:25		YP\AJ	Ok
9	I.BLK	I.BLK	FF016268.D	28 Aug 2025 17:55		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FF016269.D	28 Aug 2025 18:54		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF090225AL

Review By		Review On		
Supervise By		Supervise On		
SubDirectory	FF090225AL	HP Acquire Method	HP Processing Method	FF082825AL
STD. NAME	STD REF.#			
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773			
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24771 PP24769,PP24774			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FF016296.D	02 Sep 2025 10:06		YP\AJ	Ok
2	I.BLK	I.BLK	FF016297.D	02 Sep 2025 10:35		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FF016298.D	02 Sep 2025 11:50		YP\AJ	Ok,M
4	PB169491BL	PB169491BL	FF016299.D	02 Sep 2025 14:43		YP\AJ	Ok,M
5	PB169491BS	PB169491BS	FF016300.D	02 Sep 2025 15:12	Recovery fail	YP\AJ	Not Ok
6	PB169491BSD	PB169491BSD	FF016301.D	02 Sep 2025 15:41	Recovery fail	YP\AJ	Not Ok
7	Q2995-01	RT5427	FF016302.D	02 Sep 2025 16:11		YP\AJ	Ok,M
8	Q2995-01D	Q2995-01D	FF016303.D	02 Sep 2025 16:41		YP\AJ	Ok,M
9	Q2995-01MS	RT5427MS	FF016304.D	02 Sep 2025 17:10	FF016302.D	YP\AJ	Ok,M
10	Q2995-01MSD	RT5427MSD	FF016305.D	02 Sep 2025 17:40	FF016302.D!FF016304.D	YP\AJ	Ok,M
11	Q2989-02	SOUTH-TP-5-E2	FF016306.D	02 Sep 2025 18:10		YP\AJ	Ok,M
12	Q2989-03	SOUTH-TP-6	FF016307.D	02 Sep 2025 18:39		YP\AJ	Ok,M
13	Q2989-04	SOUTH-TP-6-E2	FF016308.D	02 Sep 2025 19:09		YP\AJ	Ok,M
14	I.BLK	I.BLK	FF016309.D	03 Sep 2025 02:11		YP\AJ	Ok
15	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FF016310.D	03 Sep 2025 03:09		YP\AJ	Ok,M

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG082825AL

Review By	yogesh	Review On	8/28/2025 10:29:18 AM
Supervise By	mohammad	Supervise On	8/30/2025 12:49:25 AM
SubDirectory	FG082825AL	HP Acquire Method	HP Processing Method FG082825AL
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	FG016426.D	28 Aug 2025 08:34		YP\AJ	Ok
2	I.BLK	I.BLK	FG016427.D	28 Aug 2025 09:04		YP\AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FG016428.D	28 Aug 2025 09:33		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FG016429.D	28 Aug 2025 10:02		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016430.D	28 Aug 2025 10:32		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FG016431.D	28 Aug 2025 11:01		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FG016432.D	28 Aug 2025 11:31		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016433.D	28 Aug 2025 12:00		YP\AJ	Ok
9	I.BLK	I.BLK	FG016434.D	28 Aug 2025 12:30		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016435.D	28 Aug 2025 12:59		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG090225AL

Review By		Review On		
Supervise By		Supervise On		
SubDirectory	FG090225AL	HP Acquire Method	HP Processing Method	FG082825AL
STD. NAME	STD REF.#			
Tune/Reschk	PP24768,PP24770,PP24771,PP24772,PP24773			
Initial Calibration Stds				
CCC				
Internal Standard/PEM				
ICV/I.BLK				
Surrogate Standard	PP24771			
MS/MSD Standard	PP24769,PP24774			
LCS Standard				

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FG016495.D	02 Sep 2025 10:06		YP\AJ	Ok
2	I.BLK	I.BLK	FG016496.D	02 Sep 2025 10:35		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016497.D	02 Sep 2025 11:05		YP\AJ	Ok,M
4	Q2991-01	309	FG016498.D	02 Sep 2025 14:43	Need further 5X	YP\AJ	Dilution
5	Q2994-01	PAULDING-WC1	FG016499.D	02 Sep 2025 15:12		YP\AJ	Ok
6	Q2982-01	MOO-25-0237	FG016500.D	02 Sep 2025 15:41	Need further 5X,100X	YP\AJ	Dilution
7	Q2982-03	MOO-25-0244-0248	FG016501.D	02 Sep 2025 16:11		YP\AJ	Ok
8	Q2982-05	MOO-25-0249-0253	FG016502.D	02 Sep 2025 16:41	Need 100X	YP\AJ	Dilution
9	Q2989-01	SOUTH-TP-5	FG016503.D	02 Sep 2025 17:10		YP\AJ	Ok
10	Q2996-01	CONTAINMENT-A	FG016504.D	02 Sep 2025 17:40	Need 2X,50X	YP\AJ	Dilution
11	Q2996-03	CONTAINMENT-B	FG016505.D	02 Sep 2025 18:10	Need 25X	YP\AJ	Dilution
12	Q2996-05	CONTAINMENT-C	FG016506.D	02 Sep 2025 18:39	Need 5X	YP\AJ	Dilution
13	Q2997-01	EO-01-082925	FG016507.D	02 Sep 2025 19:09	Need 2X	YP\AJ	Dilution
14	I.BLK	I.BLK	FG016508.D	03 Sep 2025 02:11		YP\AJ	Ok
15	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016509.D	03 Sep 2025 02:40		YP\AJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 9/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 08/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:33
Out Date: 08/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137021

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
Q2987-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q2987-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q2987-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q2987-08	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q2987-09	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q2987-10	PEST-GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q2989-01	SOUTH-TP-5	7	1.15	11.15	12.3	10.9	87.4	
Q2989-02	SOUTH-TP-5-E2	8	1.16	10.65	11.81	10.23	85.2	
Q2989-03	SOUTH-TP-6	9	1.18	10.81	11.99	10.74	88.4	
Q2989-04	SOUTH-TP-6-E2	10	1.17	10.22	11.39	10.31	89.4	
Q2991-01	309	11	1.00	1.00	2.00	2.00	100.0	debris
Q2991-02	309	12	1.00	1.00	2.00	2.00	100.0	debris
Q2991-03	303-304-305-COMP	13	1.15	10.50	11.65	11.22	95.9	
Q2991-04	303	14	1.19	10.15	11.34	10.93	96.0	
Q2991-05	304	15	1.19	10.48	11.67	11.27	96.2	
Q2991-06	305	16	1.14	10.47	11.61	11.21	96.2	
Q2992-01	BC274767-A	17	1.00	1.00	2.00	2.00	100.0	PILC
Q2992-02	BC274767-B	18	1.00	1.00	2.00	2.00	100.0	PILC
Q2994-01	PAULDING-WC1	19	1.15	10.74	11.89	10.92	91.0	
Q2995-01	RT5427	20	1.19	10.76	11.95	11.03	91.4	
Q2996-01	CONTAINMENT-A	21	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2996-03	CONTAINMENT-B	22	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2996-05	CONTAINMENT-C	23	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2997-01	EO-01-082925	24	1.15	10.53	11.68	10.88	92.4	
Q2997-02	EO-01-082925-E2	25	1.12	10.87	11.99	11.05	91.4	
Q2998-01	AU-05-082925	26	1.19	10.93	12.12	11.52	94.5	

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

WORKLIST(Hardcopy Internal Chain)

137021

WorkList Name : %1-082925 WorkList ID : 191576 Department : Wet-Chemistry Date : 08-29-2025 08:22:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2987-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2989-01	SOUTH-TP-5	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2989-02	SOUTH-TP-5-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/22/2025	Chemtech -SO
Q2989-03	SOUTH-TP-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/29/2025	Chemtech -SO
Q2989-04	SOUTH-TP-6-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/29/2025	Chemtech -SO
Q2991-01	309	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/29/2025	Chemtech -SO
Q2991-02	309	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2991-03	303-304-305-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2991-04	303	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2991-05	304	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2991-06	305	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2992-01	BC274767-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2992-02	BC274767-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2994-01	PAULDING-WC1	Solid	Percent Solids	Cool 4 deg C	CORE02	D31	08/29/2025	Chemtech -SO
Q2995-01	RT5427	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/29/2025	Chemtech -SO
Q2996-01	CONTAINMENT-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/29/2025	Chemtech -SO

Date/Time 08/29/25 16:15
 Raw Sample Received by: SP CWC
 Raw Sample Relinquished by: SP (SPM) 17:35
 Date/Time 08/29/25
 Raw Sample Received by: SP CSM1
 Raw Sample Relinquished by: SP CWC

WORKLIST(Hardcopy Internal Chain)

132021

WorkList Name : %1-082925 WorkList ID : 191576 Department : Wet-Chemistry Date : 08-29-2025 08:22:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2996-03	CONTAINMENT-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/29/2025	Chemtech -SO
Q2996-05	CONTAINMENT-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/29/2025	Chemtech -SO
Q2997-01	EO-01-082925	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/29/2025	Chemtech -SO
Q2997-02	EO-01-082925-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/29/2025	Chemtech -SO
Q2998-01	AU-05-082925	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	08/29/2025	Chemtech -SO

Date/Time 08/29/25 16:15
 Raw Sample Received by: SP CSM
 Raw Sample Relinquished by: SP CSM

Date/Time 08/29/25 17:35
 Raw Sample Received by: SP CSM
 Raw Sample Relinquished by: SP CSM

SOP ID: MNJDEP-EPH-8

Clean Up SOP #: N/A

Matrix: Solid

Wegh By: EH

Balance check: RJ

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: 09/02/2025

Extraction Start Time: 10:30

Extraction End Date: 09/02/2025

Extraction End Time: 14:20

Concentration By: EH

Supervisor By: RUPESH

Extraction Method: ☐ Seperatory Funnel

☐ Continious Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP24767
Surrogate	1.0ML	100 PPM	PP24866
Fractionation Surrogate	1.0ML	100 PPM	PP24801
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	EP2626
Baked Na2SO4	N/A	EP2636
Sand	N/A	E3951
Hexane	N/A	E3966
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:

Q2982-01 & Q2991-01 used Limited volume as samples are Oily Debris.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/2/25	RS (Ex-lab)	Per-PEB Lab
14:25	Preparation Group	Analysis Group

Analytical Method: MNJDEP-EPH-8

Concentration Date: 09/02/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169491BL	PB169491BL	EPH_NF	30.02	N/A	ritesh	Evelyn	2			U2-1
PB169491BS	PB169491BS	EPH_NF	30.01	N/A	ritesh	Evelyn	2			2
PB169491BSD	PB169491BSD	EPH_NF	30.03	N/A	ritesh	Evelyn	2			3
Q2982-01	MOO-25-0237	EPH_NF	5.07	N/A	ritesh	Evelyn	2	E	Oily Debris	4
Q2982-03	MOO-25-0244-0248	EPH_NF	30.04	N/A	ritesh	Evelyn	2	E		5
Q2982-05	MOO-25-0249-0253	EPH_NF	30.08	N/A	ritesh	Evelyn	2	E		6
Q2989-01	SOUTH-TP-5	EPH_NF	30.07	N/A	ritesh	Evelyn	2	E		U3-1
Q2989-02	SOUTH-TP-5-E2	EPH_NF	30.02	N/A	ritesh	Evelyn	2			2
Q2989-03	SOUTH-TP-6	EPH_NF	30.05	N/A	ritesh	Evelyn	2	E		3
Q2989-04	SOUTH-TP-6-E2	EPH_NF	30.08	N/A	ritesh	Evelyn	2			4
Q2991-01	309	EPH_NF	5.01	N/A	ritesh	Evelyn	2	D	Oily Debris	5
Q2994-01	PAULDING-WC1	EPH_NF	30.03	N/A	ritesh	Evelyn	2	H		6
Q2995-01	RT5427	EPH_NF	30.07	N/A	ritesh	Evelyn	2	E		U4-1
Q2995-01DUP	RT5427DUP	EPH_NF	30.04	N/A	ritesh	Evelyn	2	E		2
Q2995-01MS	RT5427MS	EPH_NF	30.07	N/A	ritesh	Evelyn	2	E		3
Q2995-01MSD	RT5427MSD	EPH_NF	30.09	N/A	ritesh	Evelyn	2	E		4
Q2996-01	CONTAINMENT-A	EPH_NF	30.02	N/A	ritesh	Evelyn	2	E	Stone	5
Q2996-03	CONTAINMENT-B	EPH_NF	30.05	N/A	ritesh	Evelyn	2	E	Stone	6
Q2996-05	CONTAINMENT-C	EPH_NF	30.04	N/A	ritesh	Evelyn	2	E	Stone	U6-1
Q2997-01	EO-01-082925	EPH_NF	30.06	N/A	ritesh	Evelyn	2	E		2
Q2997-02	EO-01-082925-E2	EPH_NF	30.01	N/A	ritesh	Evelyn	2			3

* Extracts relinquished on the same date as received.

RS
9/2

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2994 WorkList ID : 191614 Department : Extraction Date : 09-02-2025 09:11:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2982-01	MOO-25-0237	Solid	EPH_NF	Cool 4 deg C	PSEG03	D21	08/28/2025	NJEPH
Q2982-03	MOO-25-0244-0248	Solid	EPH_NF	Cool 4 deg C	PSEG03	D21	08/28/2025	NJEPH
Q2982-05	MOO-25-0249-0253	Solid	EPH_NF	Cool 4 deg C	PSEG03	D21	08/28/2025	NJEPH
Q2989-01	SOUTH-TP-5	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	08/29/2025	NJEPH
Q2989-02	SOUTH-TP-5-E2	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	08/29/2025	NJEPH
Q2989-03	SOUTH-TP-6	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	08/29/2025	NJEPH
Q2989-04	SOUTH-TP-6-E2	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	08/29/2025	NJEPH
Q2991-01	309	Solid	EPH_NF	Cool 4 deg C	PSEG03	D21	08/29/2025	NJEPH
Q2994-01	PAULDING-WC1	Solid	EPH_NF	Cool 4 deg C	CORE02	D31	08/29/2025	NJEPH
Q2995-01	RT5427	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/29/2025	NJEPH
Q2996-01	CONTAINMENT-A	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/29/2025	NJEPH
Q2996-03	CONTAINMENT-B	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/29/2025	NJEPH
Q2996-05	CONTAINMENT-C	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/29/2025	NJEPH
Q2997-01	EO-01-082925	Solid	EPH_NF	Cool 4 deg C	PSEG05	D31	08/29/2025	NJEPH
Q2997-02	EO-01-082925-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	D31	08/29/2025	NJEPH

Date/Time 09/02/25 10:25
 Raw Sample Received by: RJ (ext-1006)
 Raw Sample Relinquished by: JD (SM)

Date/Time 09/02/25 10:50
 Raw Sample Received by: JD (SM)
 Raw Sample Relinquished by: RJ (ext-1006)



SHIPPING DOCUMENTS

CLIENT INFORMATION

COMPANY: Core Environmental Consultants
ADDRESS: 22-48 119th Street
CITY: Queens STATE: NY ZIP: 11356
ATTENTION: Roland Scardino
PHONE: 609-781-8074 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: BNY - Paelding street WC
PROJECT NO.: 0829258 LOCATION: Brooklyn, NY
PROJECT MANAGER: Roland Scardino
e-mail: RScardino@COREENV.COM
PHONE: 609-781-8074 FAX:

CLIENT BILLING INFORMATION

BILL TO: Core Env PO#:
ADDRESS: 23412 Wehrle Dr.
CITY: Buffalo STATE: NY ZIP: 14221
ATTENTION: Joe Zaher PHONE: (716) 204-8054

ANALYSIS

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

1. EPH-NF 2. Percent Solids 3. Residuals-TCL 4. SVOC-TCL 5. Mercury Methods 6. RCRA-8 methods 7. PCB 8. Point Filter 9. VOC-TCL/VA-10

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1. <u>Paelding</u>	<u>Paelding-WC I</u>																
2.	<u>Paelding-WC I</u>	Soil	✓		8/29/25	09:00	7	X	X	X	X	X	X	X	X	X	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. <u>Michael Bayar</u>	DATE/TIME: <u>8/29/25 9am</u>	RECEIVED BY: <u>Roland Scardino</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.2</u> °C
RELINQUISHED BY SAMPLER: 2. <u>Roland Scardino</u>	DATE/TIME: <u>8-29-25</u>	RECEIVED BY: <u>1306</u>	Comments:
RELINQUISHED BY SAMPLER: 3. <u></u>	DATE/TIME: <u>8-29-25</u>	RECEIVED BY: <u></u>	

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

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312



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

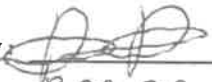
LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2994 **CORE02**
Client Name : Core Environmental Consul
Client Contact : Ronald Trampusch
Invoice Name : Core Environmental Consul
Invoice Contact : Ronald Trampusch

Order Date : 8/29/2025 1:47:15 PM
Project Name : Bayshore Soil BSM Manag
Receive DateTime : 8/29/2025 ~~12:00:00 AM~~ 3:47 PM
Purchase Order :

Project Mgr :
Report Type : Level 2
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2994-01	PAULDING-WC1	Solid	08/29/2025	09:00	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By: 

Date / Time : 8-29-25 1610

Received By: 

Date / Time : 8/29/25 1610

Storage Area : VOA Refridgerator Room