

Initial Calibration Report for SequenceID : FG011425AL

AreaCount

Parameter Range	FG015065.D	FG015066.D	FG015067.D	FG015068.D	FG015069.D	
Aliphatic C9-C12	37338222.000	18885892.000	8024842.000	4337273.000	2036305.000	
Aliphatic C12-C16	26609204.000	13446955.000	5681659.000	3063045.000	1433400.000	
Aliphatic C16-C21	40794587.000	20648058.000	8740875.000	4708602.000	2194851.000	
Aliphatic C21-C28	51414694.000	26225278.000	11042694.000	5907986.000	2762843.000	
Aliphatic C28-C40	57555754.000	29937954.000	12725662.000	6876373.000	3347374.000	
Aliphatic EPH	213712461.000	109144137.000	46215732.000	24893279.000	11774773.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	132888.6973328	6.129				
Aliphatic C12-C16	141209.859	5.709				
Aliphatic C16-C21	144518.7453332	5.781				
Aliphatic C21-C28	136707.72	5.456				
Aliphatic C28-C40	105590.3939996	7.402				
Aliphatic EPH	127500.8494442	6.127				

Concentration

Parameter Range	FG015065.D	FG015066.D	FG015067.D	FG015068.D	FG015069.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	FG015065.D	FG015066.D	FG015067.D	FG015068.D	FG015069.D	
Aliphatic C9-C12	124460.740000	125905.946666	133747.366666	144575.766666	135753.666666	
Aliphatic C12-C16	133046.020000	134469.550000	142041.475000	153152.250000	143340.000000	
Aliphatic C16-C21	135981.956666	137653.720000	145681.250000	156953.400000	146323.400000	

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Aliphatic C21-C28	128536.735000	131126.390000	138033.675000	147699.650000	138142.150000	
Aliphatic C28-C40	95926.256666	99793.180000	106047.183333	114606.216666	111579.133333	
Aliphatic EPH	118729.145000	121271.263333	128377.033333	138295.994444	130830.811111	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
 Data File : FG015065.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2025 09:35
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jan 14 10:44:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 10:41:47 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.953	14721312	96.661 ug/ml
Spiked Amount 50.000		Recovery =	193.32%
12) S 1-chlorooctadecane (S...	13.395	11570552	96.881 ug/ml
Spiked Amount 50.000		Recovery =	193.76%
Target Compounds			
1) T n-Nonane (C9)	3.290	12126828	96.242 ug/ml
2) T n-Decane (C10)	4.551	12439608	96.345 ug/ml
3) T A~Naphthalene (C11.7)	6.262	13728908	96.588 ug/ml
4) T n-Dodecane (C12)	6.731	12771786	96.614 ug/ml
5) T A~2-methylnaphthalene...	7.366	13445797	96.700 ug/ml
6) T n-Tetradecane (C14)	8.569	12962485	96.793 ug/ml
7) T n-Hexadecane (C16)	10.185	13646719	96.670 ug/ml
8) T n-Octadecane (C18)	11.636	13955424	96.555 ug/ml
10) T n-Eicosane (C20)	12.950	13516213	96.558 ug/ml
11) T n-Heneicosane (C21)	13.565	13322950	96.557 ug/ml
13) T n-Docosane (C22)	14.154	13256898	96.548 ug/ml
14) T n-Tetracosane (C24)	15.261	13119448	96.535 ug/ml
15) T n-Hexacosane (C26)	16.286	12753771	96.471 ug/ml
16) T n-Octacosane (C28)	17.240	12284577	96.180 ug/ml
17) T n-Tricontane (C30)	18.130	12117295	95.265 ug/ml
18) T n-Dotriacontane (C32)	18.965	11357410	94.744 ug/ml
19) T n-Tetratriacontane (C34)	19.747	9848384	94.898 ug/ml
20) T n-Hexatriacontane (C36)	20.490	8488320	95.111 ug/ml
21) T n-Octatriacontane (C38)	21.241	8002059	95.042 ug/ml
22) T n-Tetracontane (C40)	22.182	7742286	94.845 ug/ml

(f)=RT Delta > 1/2 Window

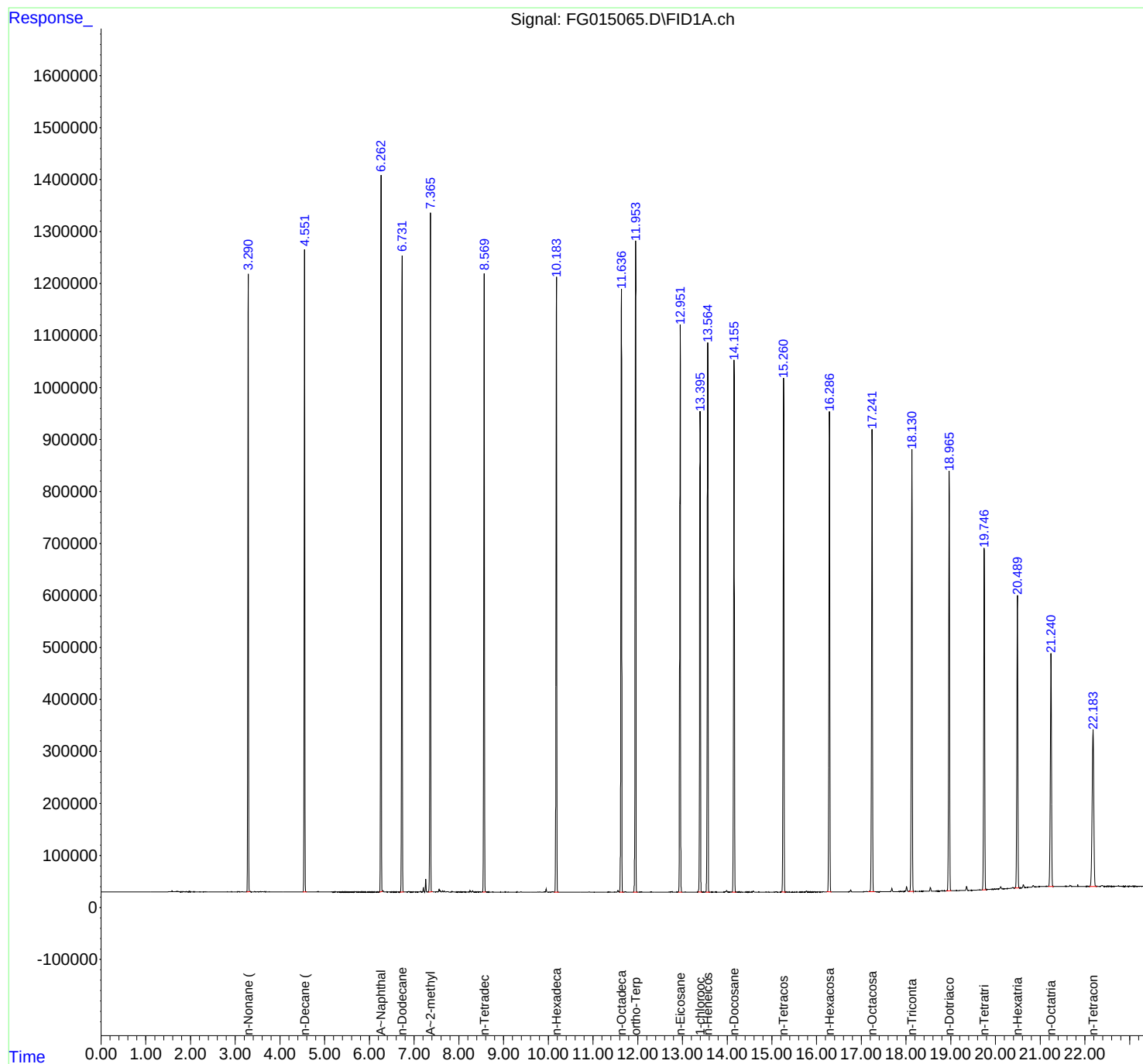
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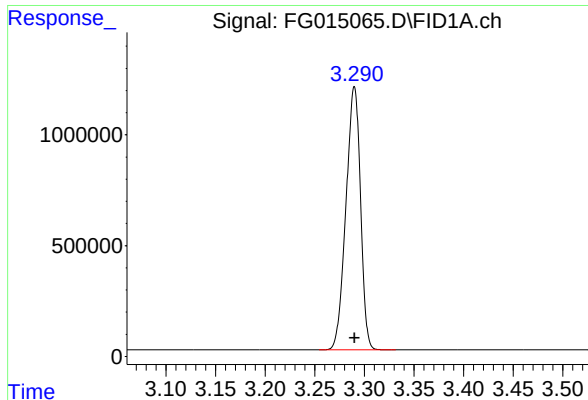
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Data File : FG015065.D
Signal(s) : FID1A.ch
Acq On : 14 Jan 2025 09:35
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Jan 14 10:44:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 10:41:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

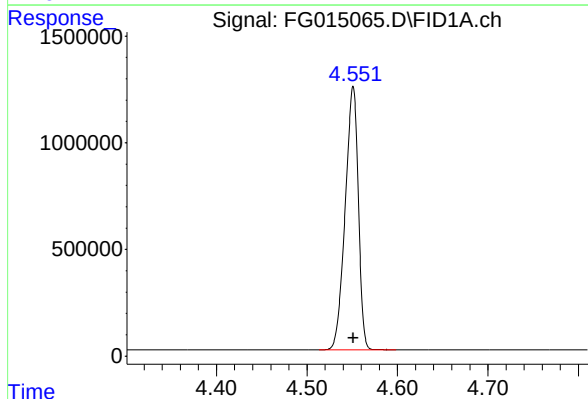




#1 n-Nonane (C9)

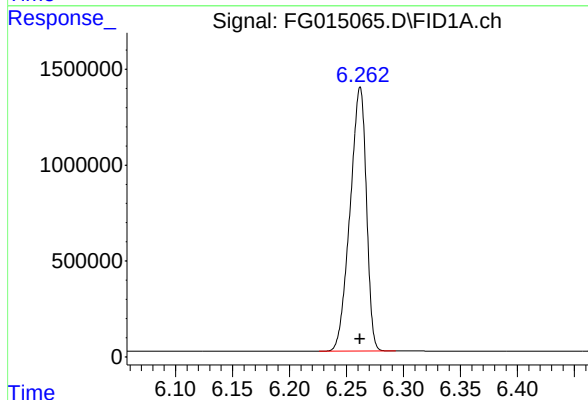
R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 12126828
Conc: 96.24 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



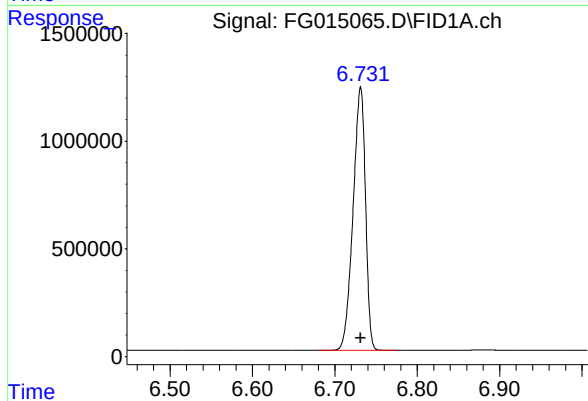
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 12439608
Conc: 96.34 ug/ml



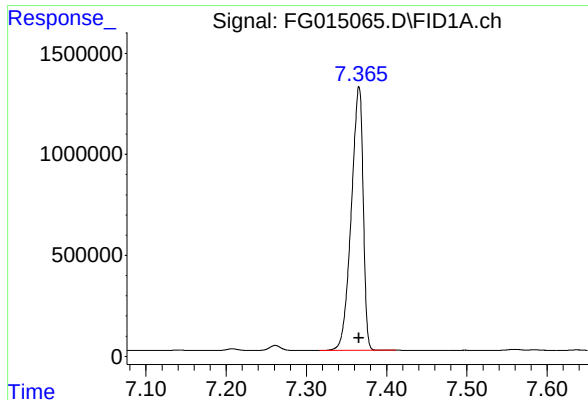
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 13728908
Conc: 96.59 ug/ml



#4 n-Dodecane (C12)

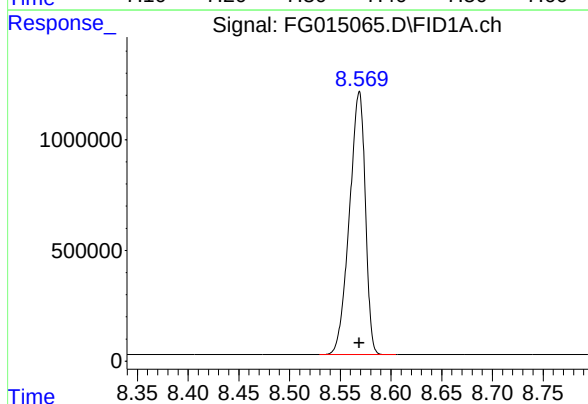
R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 12771786
Conc: 96.61 ug/ml



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

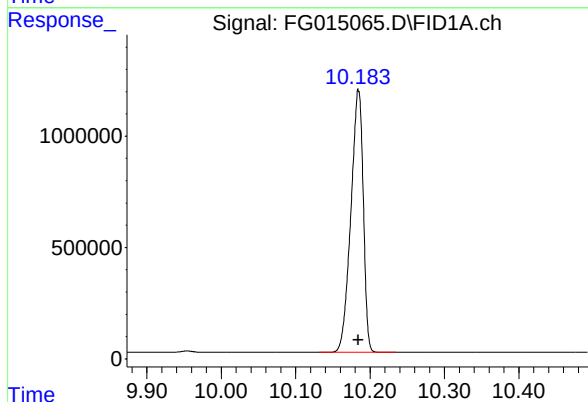
R.T.: 7.366 min
Delta R.T.: 0.000 min
Response: 13445797
Conc: 96.70 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



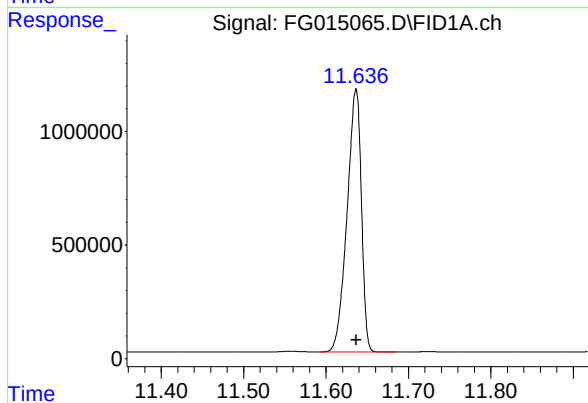
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 12962485
Conc: 96.79 ug/ml



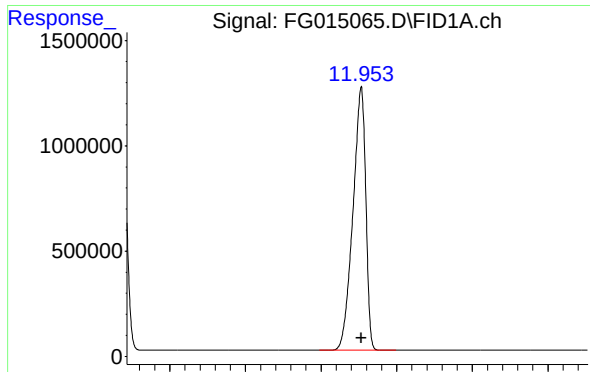
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: 0.000 min
Response: 13646719
Conc: 96.67 ug/ml



#8 n-Octadecane (C18)

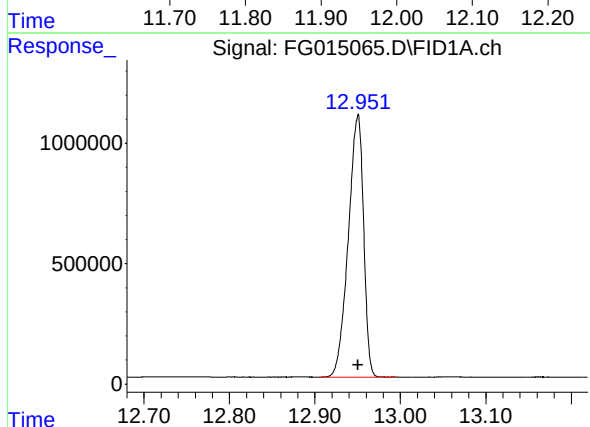
R.T.: 11.636 min
Delta R.T.: 0.000 min
Response: 13955424
Conc: 96.56 ug/ml



#9 ortho-Terphenyl (SURR)

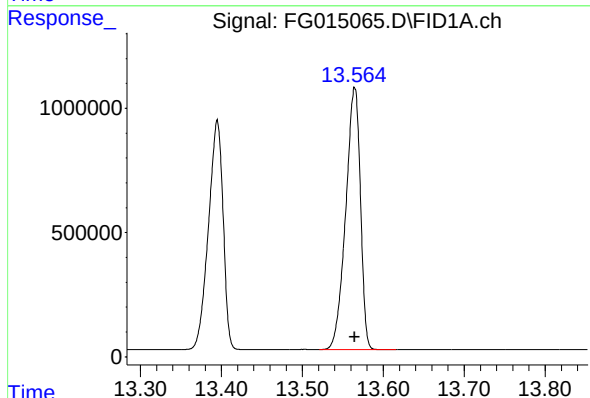
R.T.: 11.953 min
Delta R.T.: 0.000 min
Response: 14721312
Conc: 96.66 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



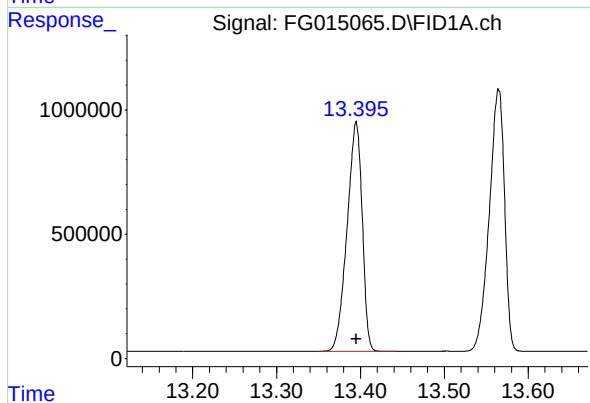
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: 0.000 min
Response: 13516213
Conc: 96.56 ug/ml



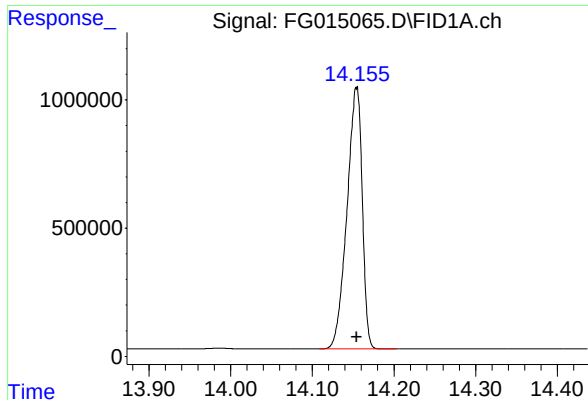
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: 0.000 min
Response: 13322950
Conc: 96.56 ug/ml



#12 1-chlorooctadecane (SURR)

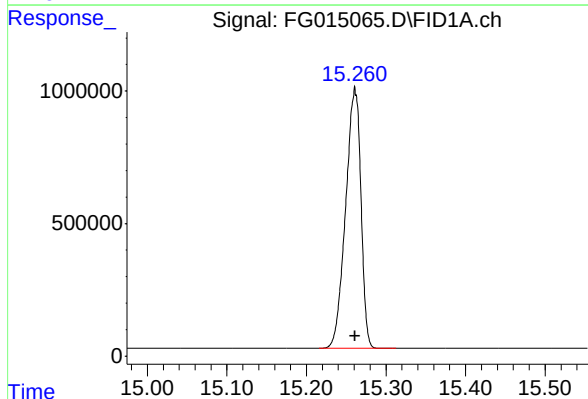
R.T.: 13.395 min
Delta R.T.: 0.000 min
Response: 11570552
Conc: 96.88 ug/ml



#13 n-Docosane (C22)

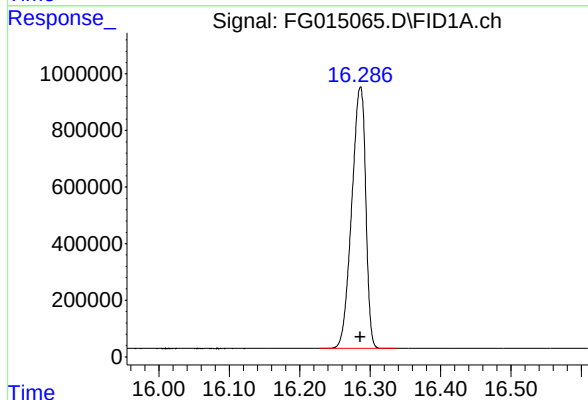
R.T.: 14.154 min
Delta R.T.: 0.000 min
Response: 13256898
Conc: 96.55 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



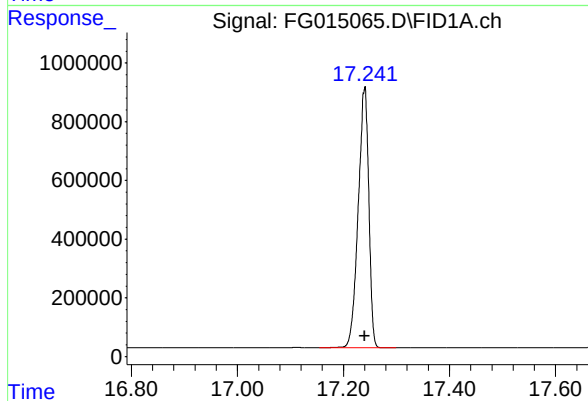
#14 n-Tetracosane (C24)

R.T.: 15.261 min
Delta R.T.: 0.000 min
Response: 13119448
Conc: 96.54 ug/ml



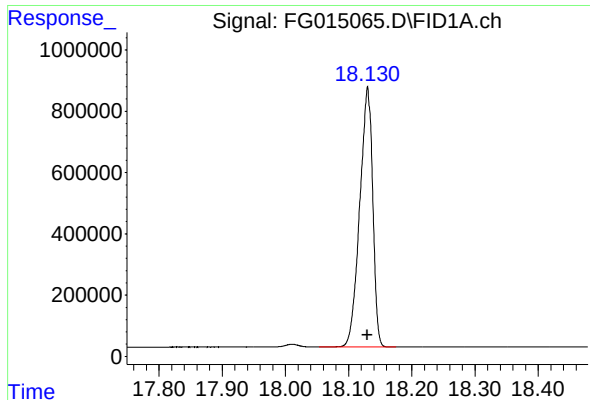
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.000 min
Response: 12753771
Conc: 96.47 ug/ml



#16 n-Octacosane (C28)

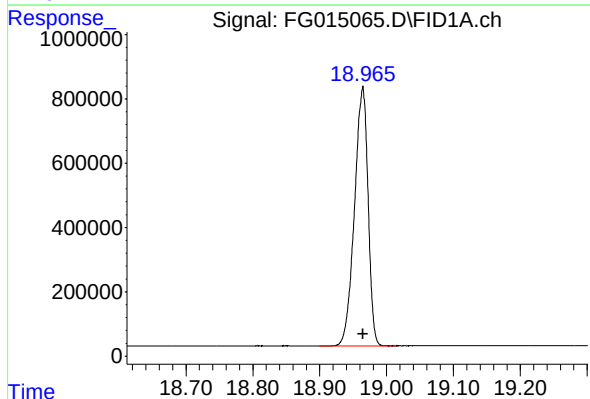
R.T.: 17.240 min
Delta R.T.: 0.000 min
Response: 12284577
Conc: 96.18 ug/ml



#17 n-Tricontane (C30)

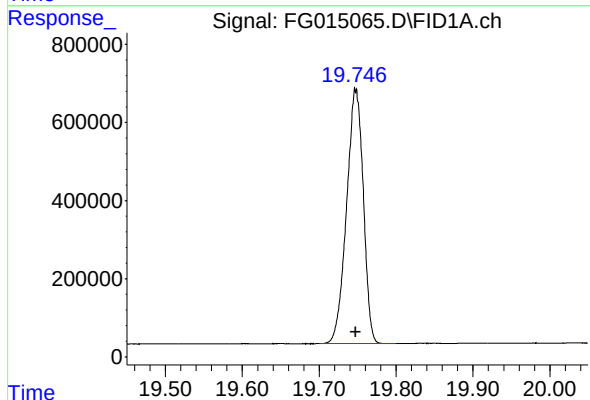
R.T.: 18.130 min
Delta R.T.: 0.000 min
Response: 12117295
Conc: 95.27 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



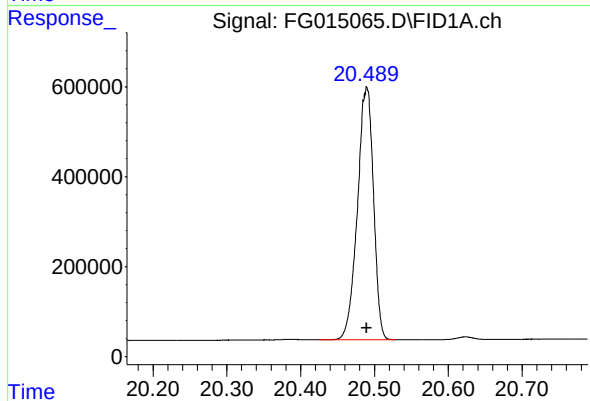
#18 n-Dotriacontane (C32)

R.T.: 18.965 min
Delta R.T.: 0.000 min
Response: 11357410
Conc: 94.74 ug/ml



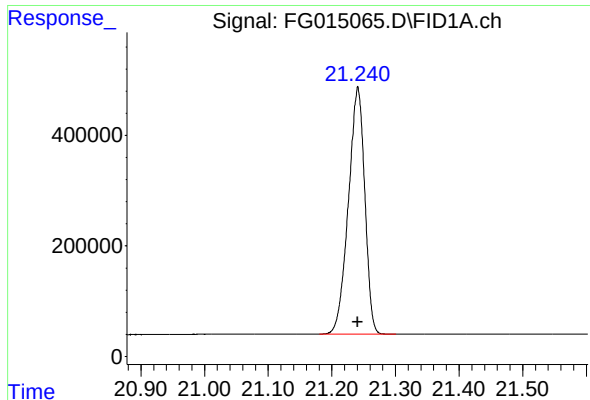
#19 n-Tetatriacontane (C34)

R.T.: 19.747 min
Delta R.T.: 0.000 min
Response: 9848384
Conc: 94.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.490 min
Delta R.T.: 0.000 min
Response: 8488320
Conc: 95.11 ug/ml



#21 n-Octatriacontane (C38)

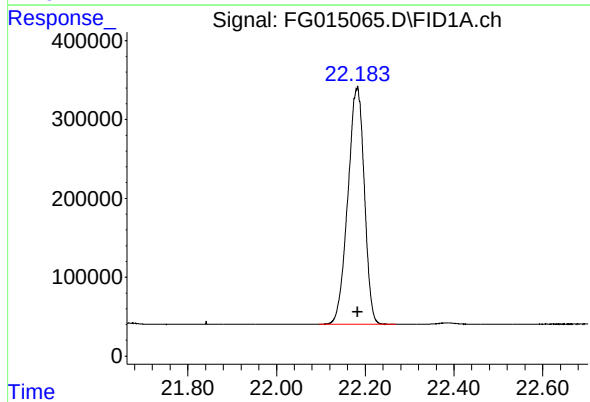
R.T.: 21.241 min
Delta R.T.: 0.000 min
Response: 8002059
Conc: 95.04 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.182 min
Delta R.T.: 0.000 min
Response: 7742286
Conc: 94.84 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
Data File : FG015065.D
Signal(s) : FID1A.ch
Acq On : 14 Jan 2025 09:35
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH
011425.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	3.290	3.254	3.332	BB	1188842	12126828	82.38%	4.539%
2	4.551	4.513	4.598	BB	1234741	12439608	84.50%	4.656%
3	6.262	6.226	6.293	BV	1376639	13728908	93.26%	5.138%
4	6.731	6.681	6.774	BB	1222412	12771786	86.76%	4.780%
5	7.366	7.316	7.412	BB	1303664	13445797	91.34%	5.033%
6	8.569	8.529	8.605	BB	1191150	12962485	88.05%	4.852%
7	10.185	10.132	10.235	BB	1178071	13646719	92.70%	5.108%
8	11.636	11.592	11.685	BB	1160372	13955424	94.80%	5.223%
9	11.953	11.898	11.999	BB	1253184	14721312	100.00%	5.510%
10	12.950	12.905	12.995	BB	1083884	13516213	91.81%	5.059%
11	13.395	13.351	13.443	BB	924316	11570552	78.60%	4.331%
12	13.565	13.521	13.616	BB	1050334	13322950	90.50%	4.987%
13	14.154	14.108	14.203	BB	1014780	13256898	90.05%	4.962%
14	15.261	15.216	15.313	BB	982738	13119448	89.12%	4.910%
15	16.286	16.227	16.337	BB	924037	12753771	86.63%	4.773%
16	17.240	17.154	17.299	BB	880957	12284577	83.45%	4.598%
17	18.130	18.053	18.175	BB	849105	12117295	82.31%	4.535%
18	18.965	18.899	19.014	BB	804627	11357410	77.15%	4.251%
19	19.747	19.700	19.800	BB	642564	9848384	66.90%	3.686%
20	20.490	20.425	20.529	BB	560861	8488320	57.66%	3.177%
21	21.241	21.180	21.301	BB	448281	8002059	54.36%	2.995%
22	22.182	22.096	22.269	BB	300990	7742286	52.59%	2.898%
Sum of corrected areas:						267179028		

Aliphatic EPH 011425.M Tue Jan 14 12:13:40 2025

Page 1

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
 Data File : FG015066.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2025 10:04
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jan 14 10:45:42 2025
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Volume Inj. : 1 ul
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Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.946	7437868	49.219 ug/ml
Spiked Amount 50.000		Recovery =	98.44%
12) S 1-chlorooctadecane (S...	13.391	5836752	49.242 ug/ml
Spiked Amount 50.000		Recovery =	98.48%
Target Compounds			
1) T n-Nonane (C9)	3.288	6139189	49.141 ug/ml
2) T n-Decane (C10)	4.548	6294140	49.158 ug/ml
3) T A~Naphthalene (C11.7)	6.258	6934772	49.186 ug/ml
4) T n-Dodecane (C12)	6.728	6452563	49.201 ug/ml
5) T A~2-methylnaphthalene...	7.360	6793040	49.230 ug/ml
6) T n-Tetradecane (C14)	8.564	6546492	49.250 ug/ml
7) T n-Hexadecane (C16)	10.179	6900463	49.248 ug/ml
8) T n-Octadecane (C18)	11.630	7063598	49.242 ug/ml
10) T n-Eicosane (C20)	12.945	6844759	49.260 ug/ml
11) T n-Heneicosane (C21)	13.560	6739701	49.224 ug/ml
13) T n-Docosane (C22)	14.149	6717972	49.279 ug/ml
14) T n-Tetracosane (C24)	15.256	6684115	49.452 ug/ml
15) T n-Hexacosane (C26)	16.282	6505634	49.470 ug/ml
16) T n-Octacosane (C28)	17.234	6317557	49.640 ug/ml
17) T n-Tricontane (C30)	18.125	6299830	49.685 ug/ml
18) T n-Dotriacontane (C32)	18.959	5948426	49.747 ug/ml
19) T n-Tetratriacontane (C34)	19.745	5130304	49.622 ug/ml
20) T n-Hexatriacontane (C36)	20.485	4387407	49.437 ug/ml
21) T n-Octatriacontane (C38)	21.235	4131630	49.378 ug/ml
22) T n-Tetracontane (C40)	22.175	4040357	49.662 ug/ml

(f)=RT Delta > 1/2 Window

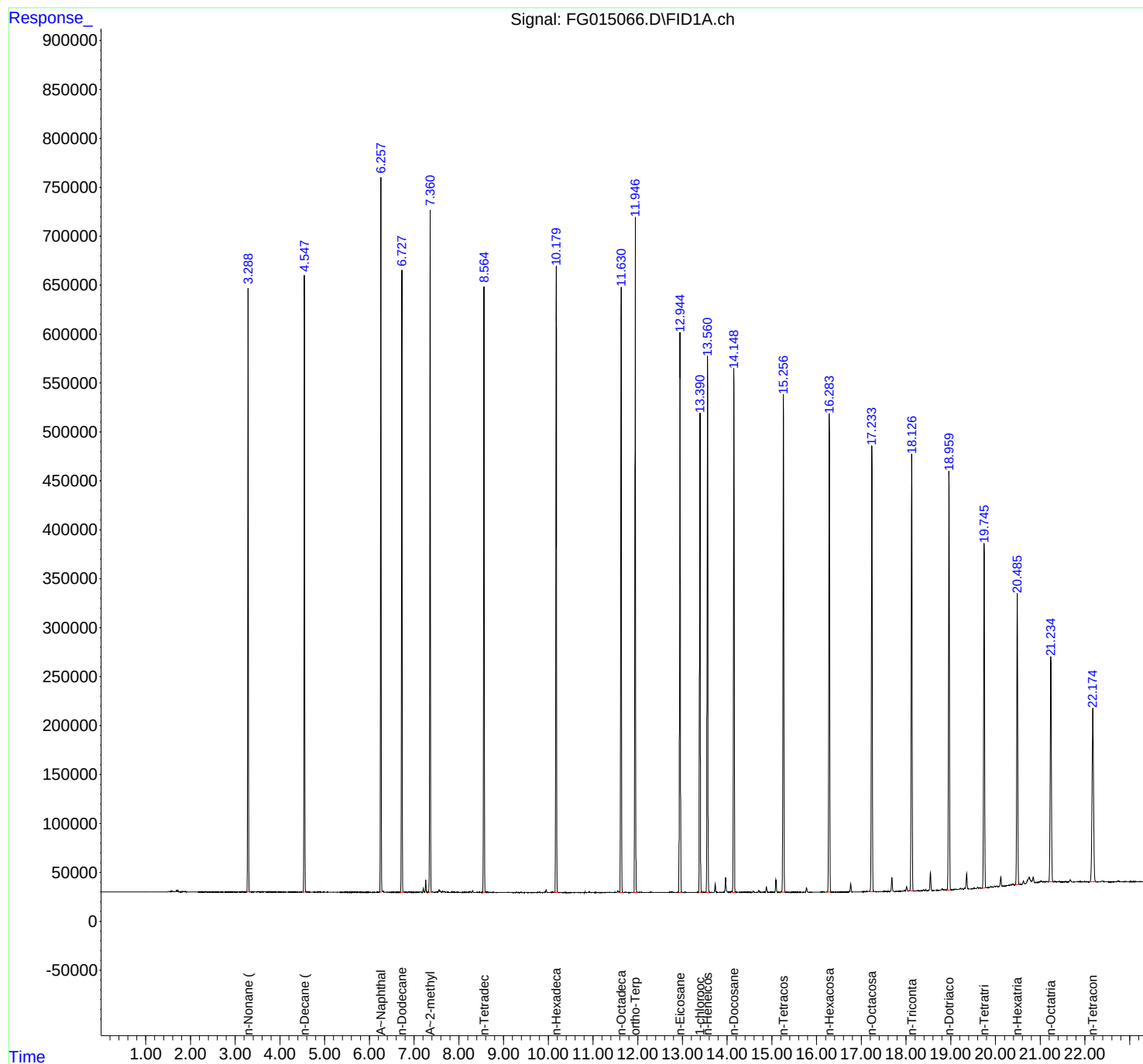
(m)=manual int.

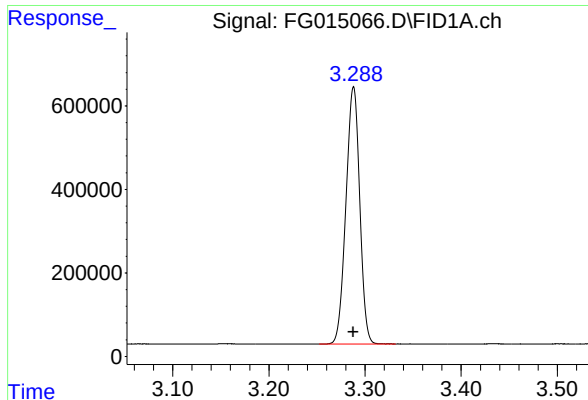
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
Data File : FG015066.D
Signal(s) : FID1A.ch
Acq On : 14 Jan 2025 10:04
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2

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Quant Time: Jan 14 10:45:42 2025
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Quant Title : GC Extractables
QLast Update : Tue Jan 14 10:41:47 2025
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Integrator: ChemStation

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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

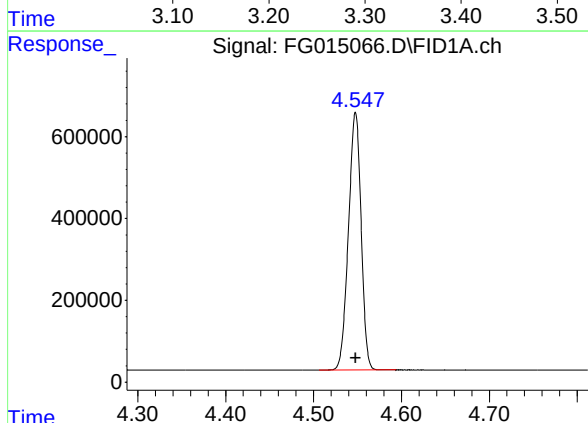




#1 n-Nonane (C9)

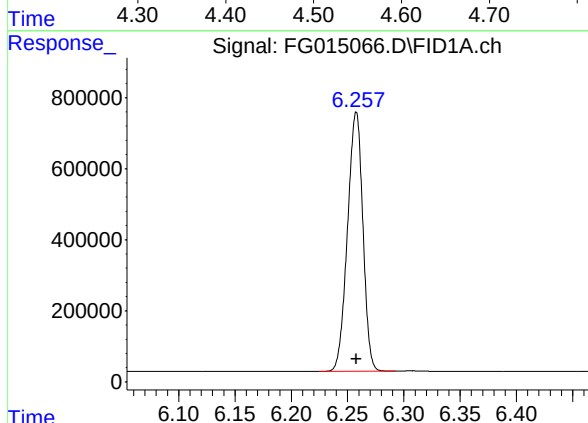
R.T.: 3.288 min
Delta R.T.: 0.000 min
Response: 6139189
Conc: 49.14 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



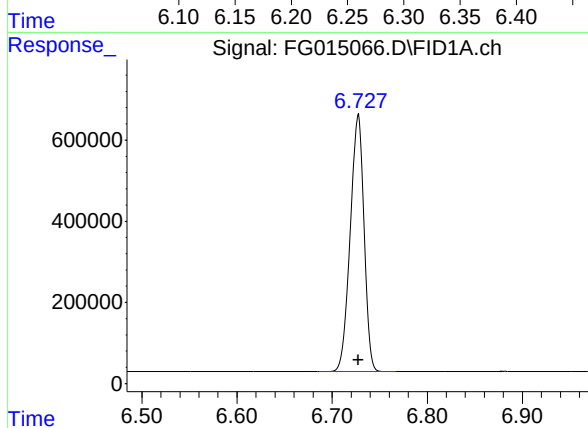
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 6294140
Conc: 49.16 ug/ml



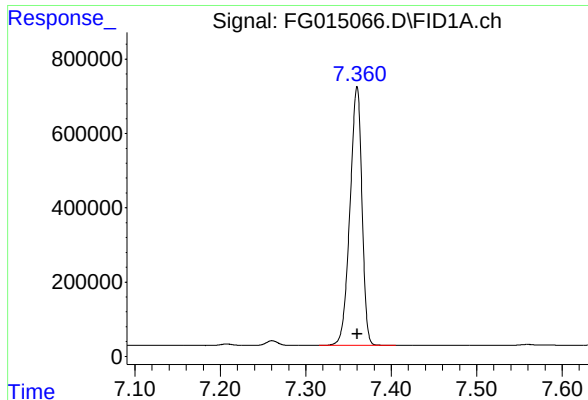
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 6934772
Conc: 49.19 ug/ml



#4 n-Dodecane (C12)

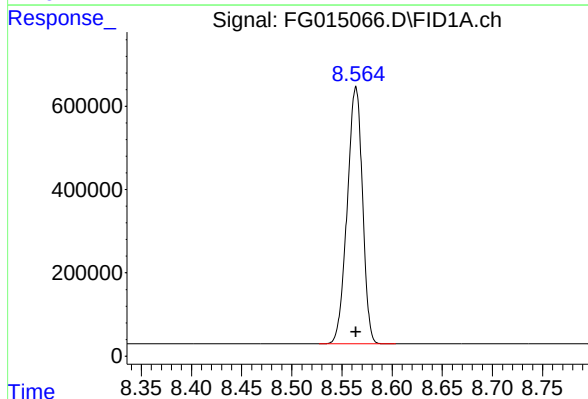
R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 6452563
Conc: 49.20 ug/ml



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

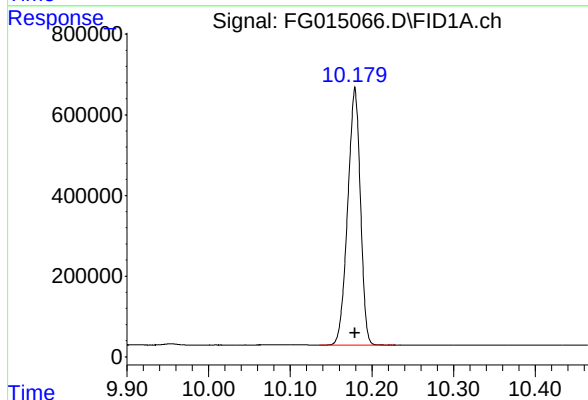
R.T.: 7.360 min
Delta R.T.: 0.000 min
Response: 6793040
Conc: 49.23 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



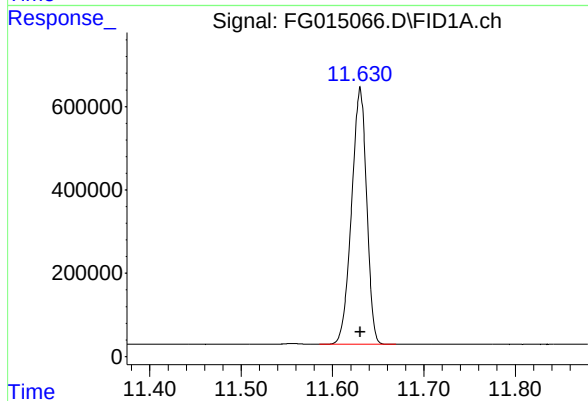
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 6546492
Conc: 49.25 ug/ml



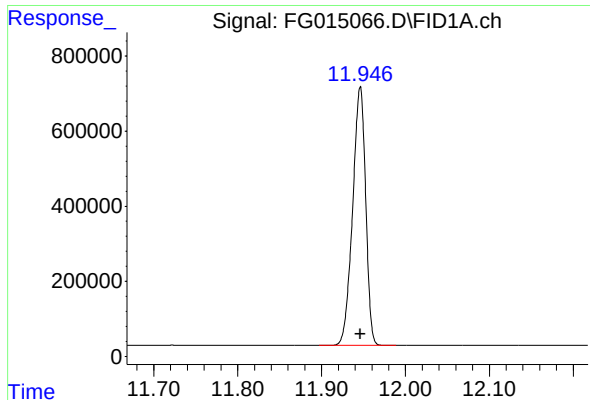
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: 0.000 min
Response: 6900463
Conc: 49.25 ug/ml



#8 n-Octadecane (C18)

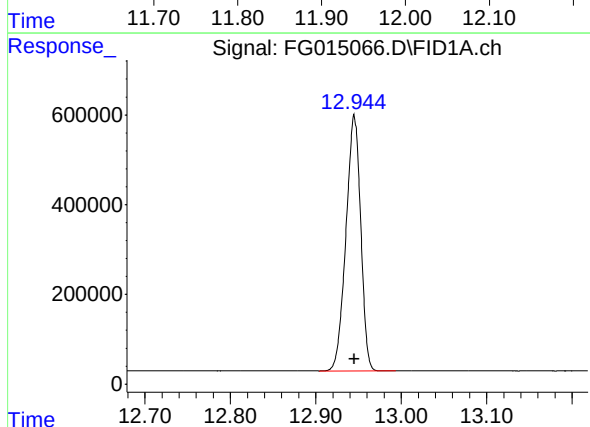
R.T.: 11.630 min
Delta R.T.: 0.000 min
Response: 7063598
Conc: 49.24 ug/ml



#9 ortho-Terphenyl (SURR)

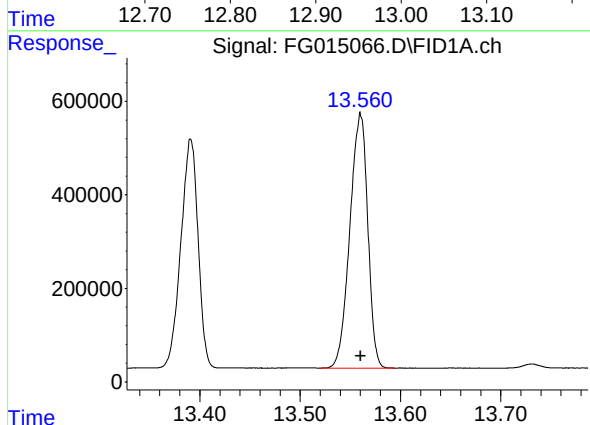
R.T.: 11.946 min
Delta R.T.: 0.000 min
Response: 7437868
Conc: 49.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



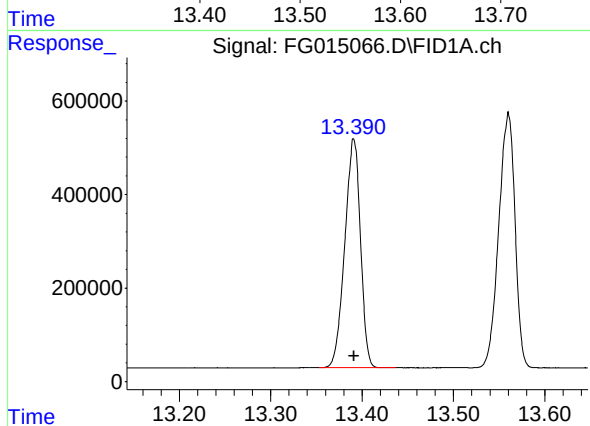
#10 n-Eicosane (C20)

R.T.: 12.945 min
Delta R.T.: 0.000 min
Response: 6844759
Conc: 49.26 ug/ml



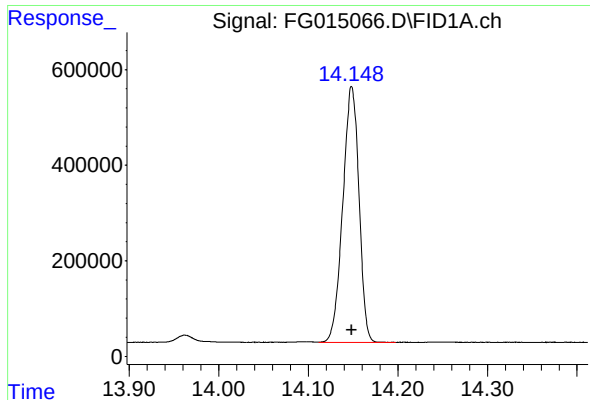
#11 n-Heneicosane (C21)

R.T.: 13.560 min
Delta R.T.: 0.000 min
Response: 6739701
Conc: 49.22 ug/ml



#12 1-chlorooctadecane (SURR)

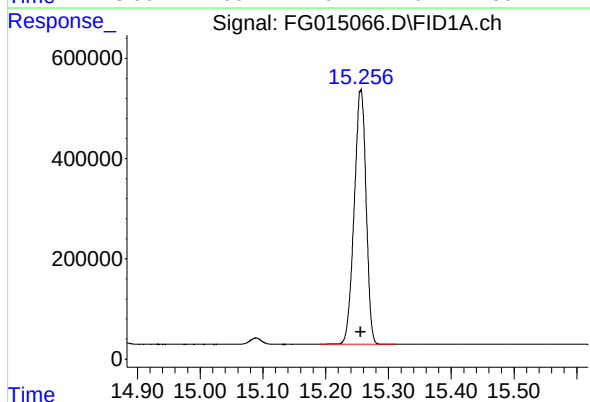
R.T.: 13.391 min
Delta R.T.: 0.000 min
Response: 5836752
Conc: 49.24 ug/ml



#13 n-Docosane (C22)

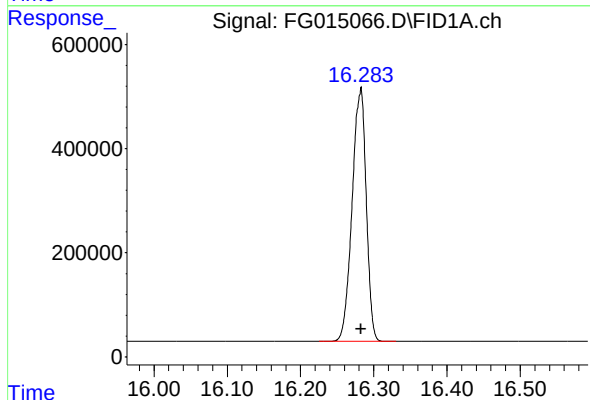
R.T.: 14.149 min
Delta R.T.: 0.000 min
Response: 6717972
Conc: 49.28 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



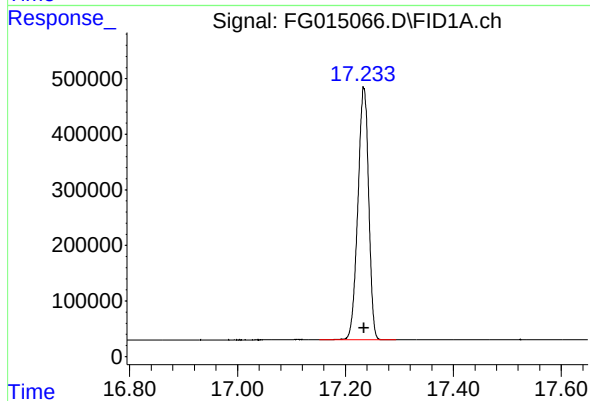
#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: 0.000 min
Response: 6684115
Conc: 49.45 ug/ml



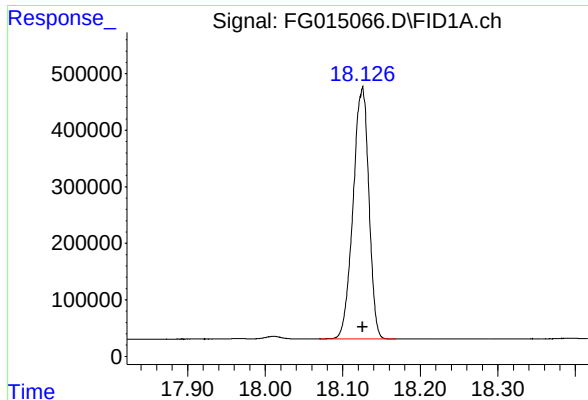
#15 n-Hexacosane (C26)

R.T.: 16.282 min
Delta R.T.: 0.000 min
Response: 6505634
Conc: 49.47 ug/ml



#16 n-Octacosane (C28)

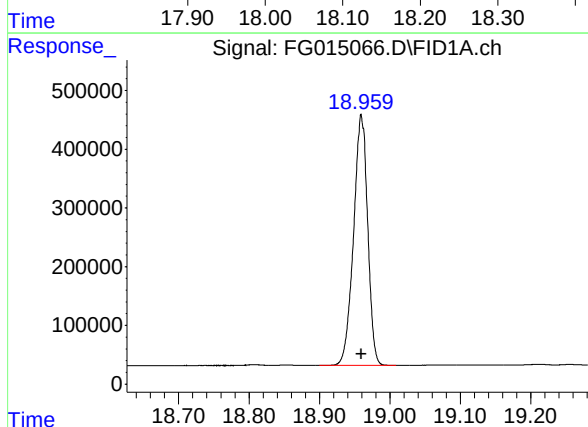
R.T.: 17.234 min
Delta R.T.: 0.000 min
Response: 6317557
Conc: 49.64 ug/ml



#17 n-Tricontane (C30)

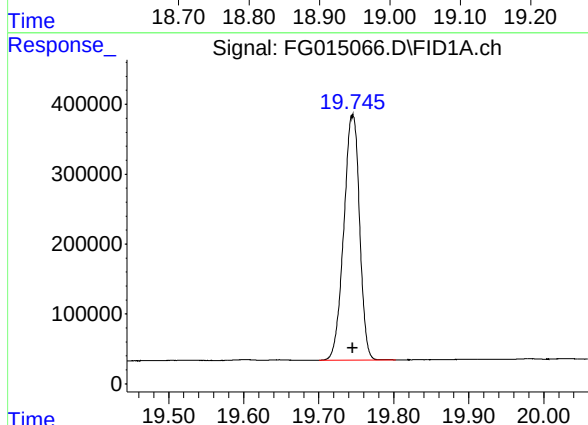
R.T.: 18.125 min
Delta R.T.: 0.000 min
Response: 6299830
Conc: 49.68 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



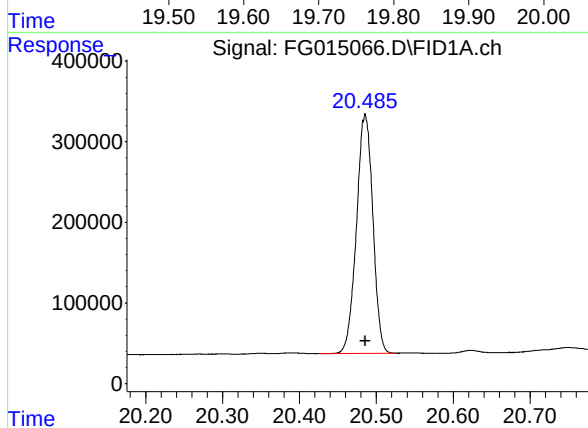
#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: 0.000 min
Response: 5948426
Conc: 49.75 ug/ml



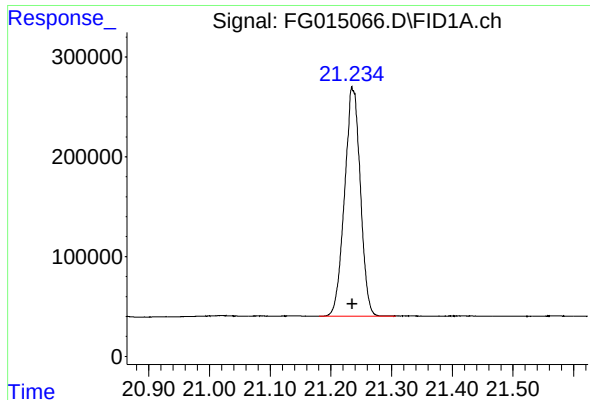
#19 n-Tetratriacontane (C34)

R.T.: 19.745 min
Delta R.T.: 0.000 min
Response: 5130304
Conc: 49.62 ug/ml



#20 n-Hexatriacontane (C36)

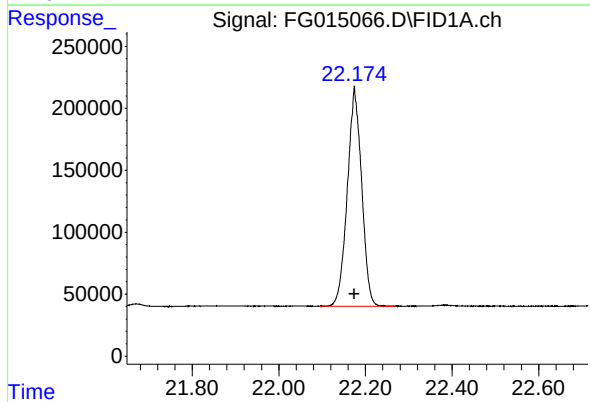
R.T.: 20.485 min
Delta R.T.: 0.000 min
Response: 4387407
Conc: 49.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.235 min
Delta R.T.: 0.000 min
Response: 4131630
Conc: 49.38 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.175 min
Delta R.T.: 0.000 min
Response: 4040357
Conc: 49.66 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
Data File : FG015066.D
Signal(s) : FID1A.ch
Acq On : 14 Jan 2025 10:04
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH
011425.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	3.288	3.252	3.332	BB	616013	6139189	82.54%	4.509%
2	4.548	4.506	4.594	BB	629575	6294140	84.62%	4.623%
3	6.258	6.224	6.293	BV	730177	6934772	93.24%	5.094%
4	6.728	6.686	6.767	BB	636307	6452563	86.75%	4.739%
5	7.360	7.315	7.405	BB	697829	6793040	91.33%	4.990%
6	8.564	8.527	8.604	BB	617739	6546492	88.02%	4.808%
7	10.179	10.135	10.230	BB	639140	6900463	92.77%	5.068%
8	11.630	11.585	11.670	BB	617730	7063598	94.97%	5.188%
9	11.946	11.897	11.989	BB	688793	7437868	100.00%	5.463%
10	12.945	12.904	12.994	BB	569289	6844759	92.03%	5.027%
11	13.391	13.353	13.437	BB	488496	5836752	78.47%	4.287%
12	13.560	13.519	13.595	BB	544182	6739701	90.61%	4.950%
13	14.149	14.112	14.198	VB	534750	6717972	90.32%	4.934%
14	15.256	15.190	15.312	BB	506422	6684115	89.87%	4.909%
15	16.283	16.225	16.330	BB	489330	6505634	87.47%	4.778%
16	17.234	17.151	17.294	BB	452365	6317557	84.94%	4.640%
17	18.125	18.070	18.169	BB	443869	6299830	84.70%	4.627%
18	18.959	18.900	19.009	BB	426588	5948426	79.97%	4.369%
19	19.745	19.700	19.803	BB	350457	5130304	68.98%	3.768%
20	20.485	20.425	20.525	BB	297477	4387407	58.99%	3.223%
21	21.235	21.180	21.307	BB	228329	4131630	55.55%	3.035%
22	22.175	22.093	22.270	BB	177364	4040357	54.32%	2.968%

Sum of corrected areas: 136146565

Aliphatic EPH 011425.M Tue Jan 14 12:14:34 2025

Page 1

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
 Data File : FG015067.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2025 10:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jan 14 10:42:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 10:41:47 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.942	3147685	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.388	2463128	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.286	2614767	20.000 ug/ml
2) T n-Decane (C10)	4.546	2676689	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.255	2939792	20.000 ug/ml
4) T n-Dodecane (C12)	6.725	2733386	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.357	2872724	20.000 ug/ml
6) T n-Tetradecane (C14)	8.562	2764267	20.000 ug/ml
7) T n-Hexadecane (C16)	10.177	2917392	20.000 ug/ml
8) T n-Octadecane (C18)	11.626	2990249	20.000 ug/ml
10) T n-Eicosane (C20)	12.942	2895988	20.000 ug/ml
11) T n-Heneicosane (C21)	13.556	2854638	20.000 ug/ml
13) T n-Docosane (C22)	14.146	2840997	20.000 ug/ml
14) T n-Tetracosane (C24)	15.253	2812228	20.000 ug/ml
15) T n-Hexacosane (C26)	16.278	2737370	20.000 ug/ml
16) T n-Octacosane (C28)	17.230	2652099	20.000 ug/ml
17) T n-Tricontane (C30)	18.120	2664360	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.958	2523491	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.742	2181450	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.483	1872181	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.233	1767390	20.000 ug/ml
22) T n-Tetracontane (C40)	22.172	1716790	20.000 ug/ml

(f)=RT Delta > 1/2 Window

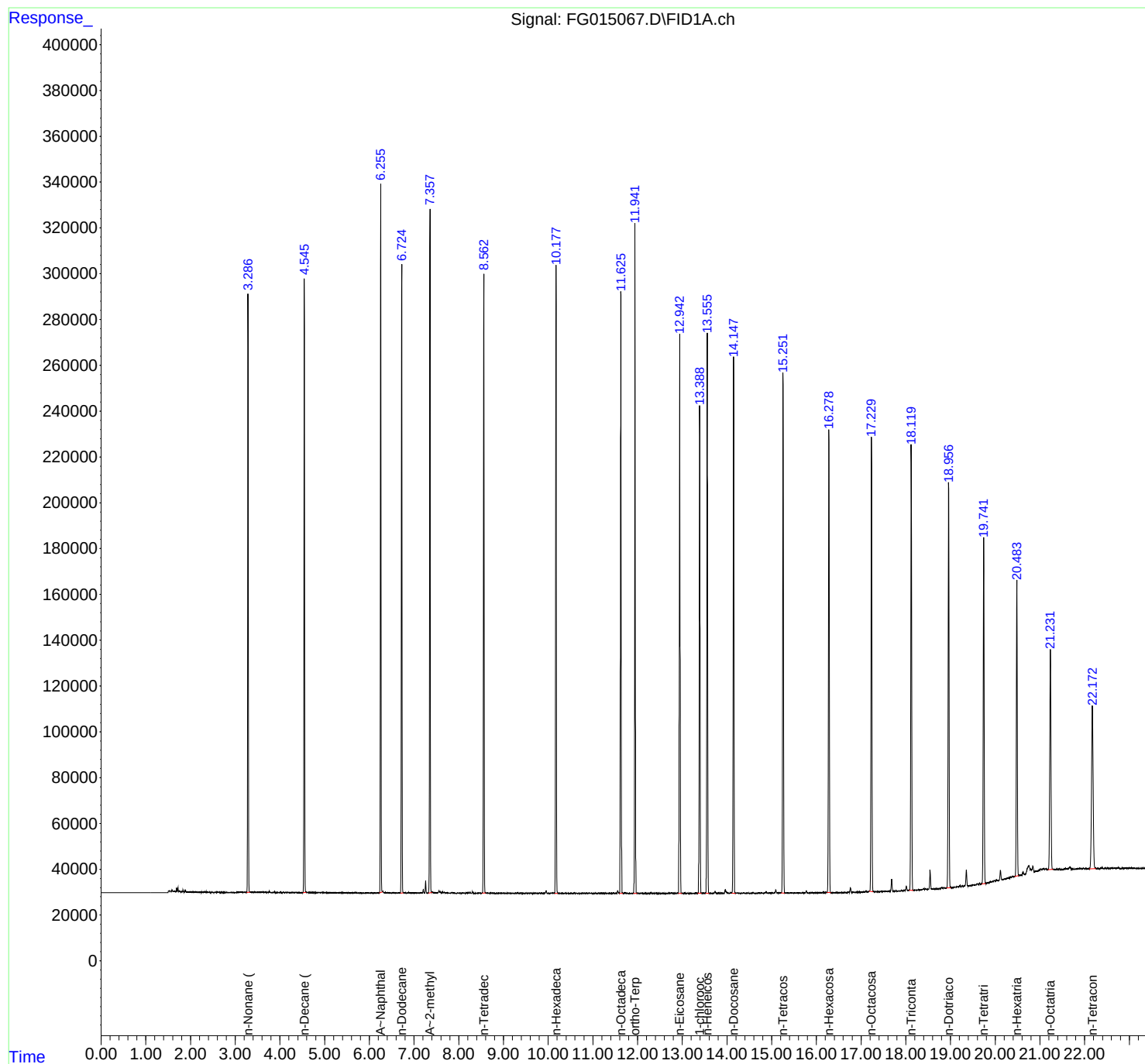
(m)=manual int.

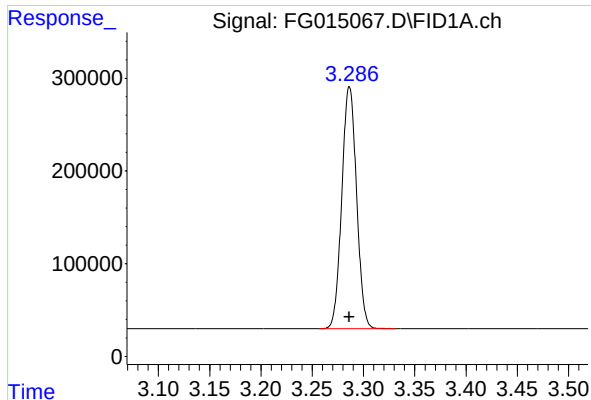
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
Data File : FG015067.D
Signal(s) : FID1A.ch
Acq On : 14 Jan 2025 10:32
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Jan 14 10:42:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 10:41:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

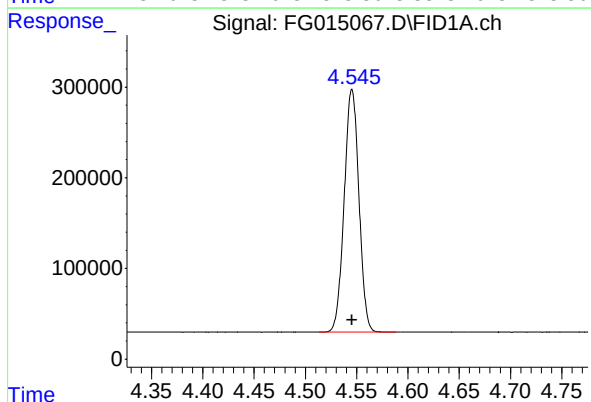




#1 n-Nonane (C9)

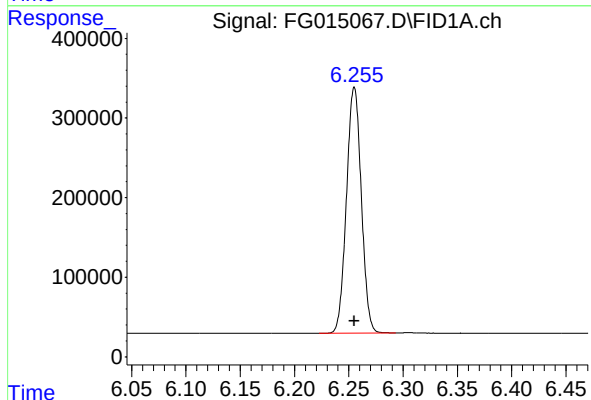
R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 2614767
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



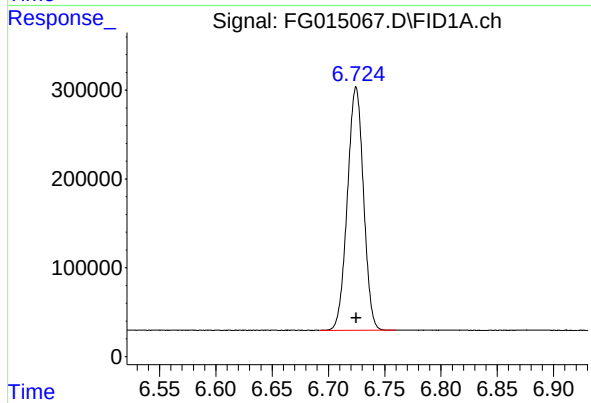
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 2676689
Conc: 20.00 ug/ml



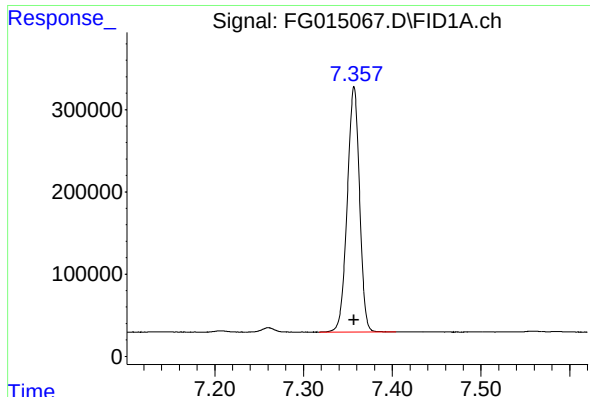
#3 A~Naphthalene (C11.7)

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 2939792
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

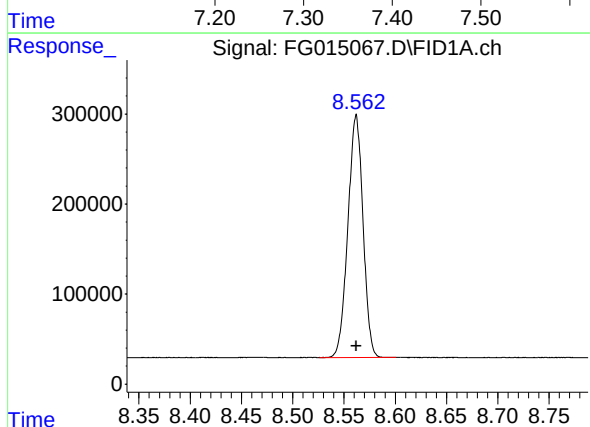
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 2733386
Conc: 20.00 ug/ml



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

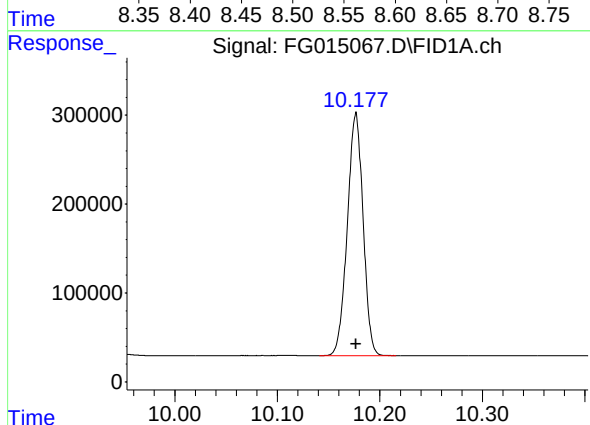
R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 2872724
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



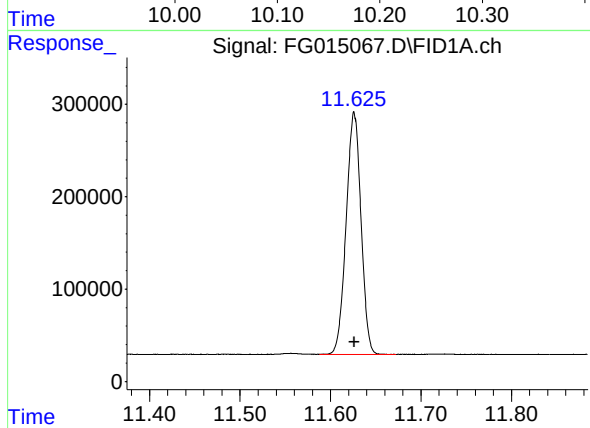
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 2764267
Conc: 20.00 ug/ml



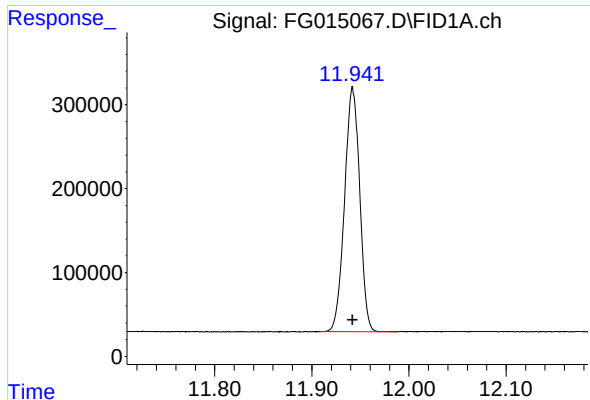
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: 0.000 min
Response: 2917392
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

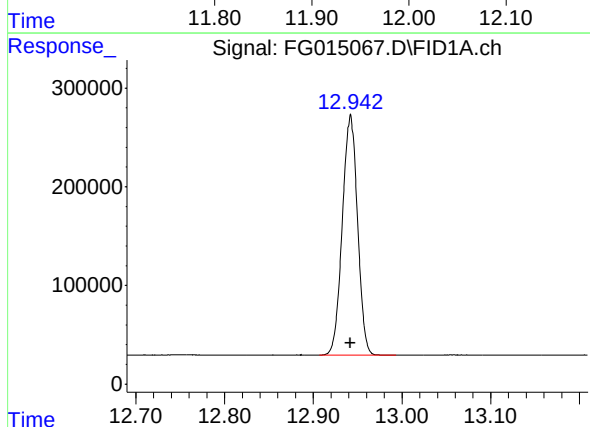
R.T.: 11.626 min
Delta R.T.: 0.000 min
Response: 2990249
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

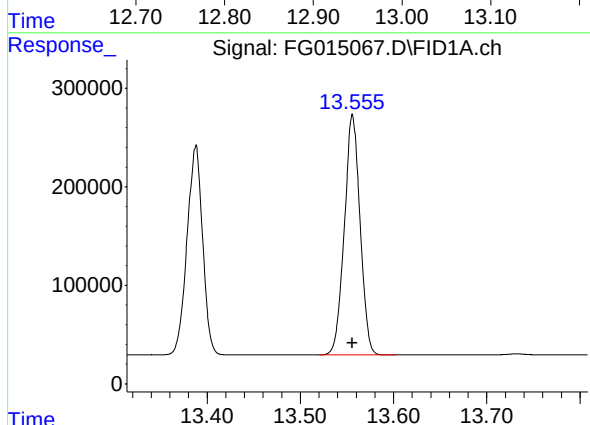
R.T.: 11.942 min
Delta R.T.: 0.000 min
Response: 3147685
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



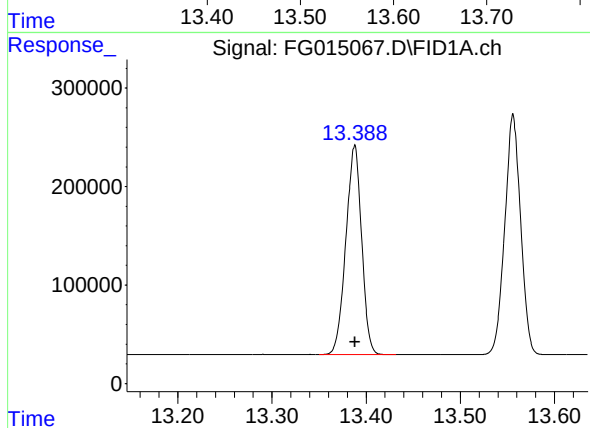
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.000 min
Response: 2895988
Conc: 20.00 ug/ml



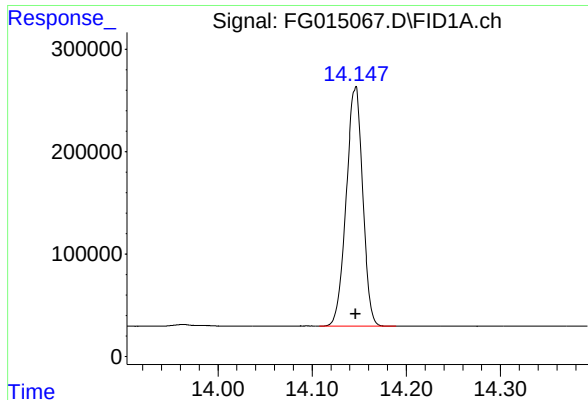
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.000 min
Response: 2854638
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

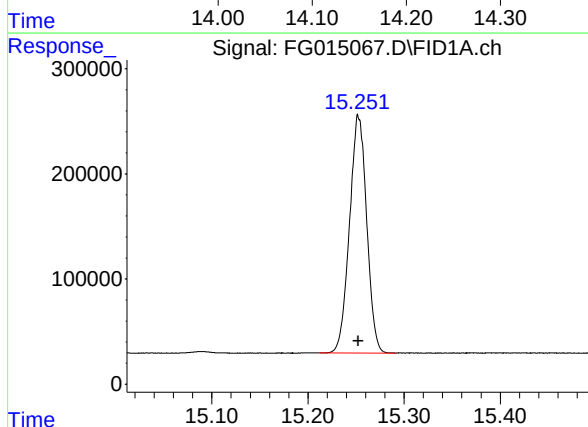
R.T.: 13.388 min
Delta R.T.: 0.000 min
Response: 2463128
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

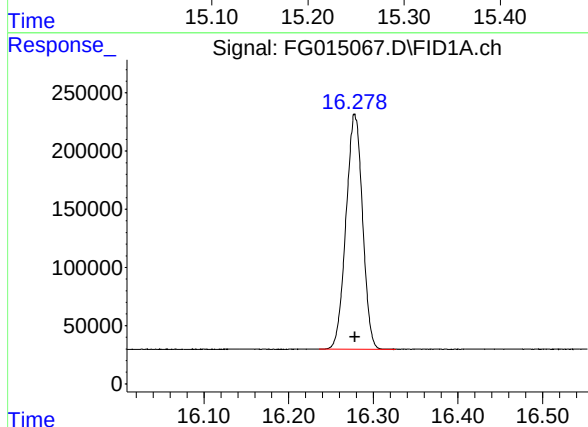
R.T.: 14.146 min
Delta R.T.: 0.000 min
Response: 2840997
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



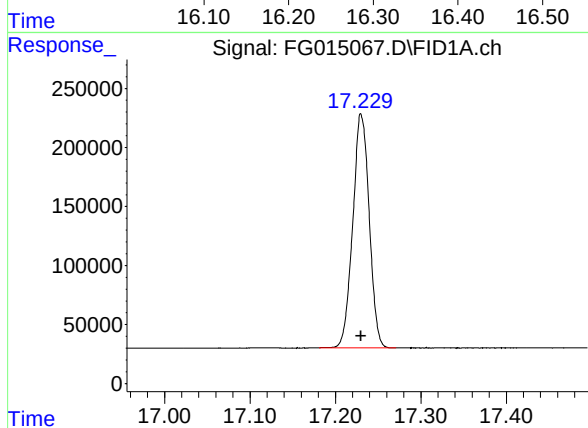
#14 n-Tetracosane (C24)

R.T.: 15.253 min
Delta R.T.: 0.000 min
Response: 2812228
Conc: 20.00 ug/ml



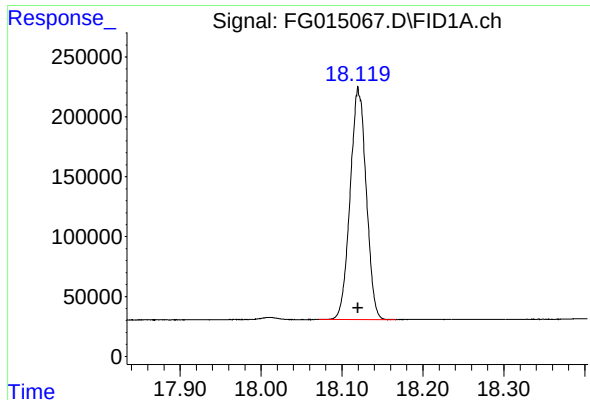
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: 0.000 min
Response: 2737370
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

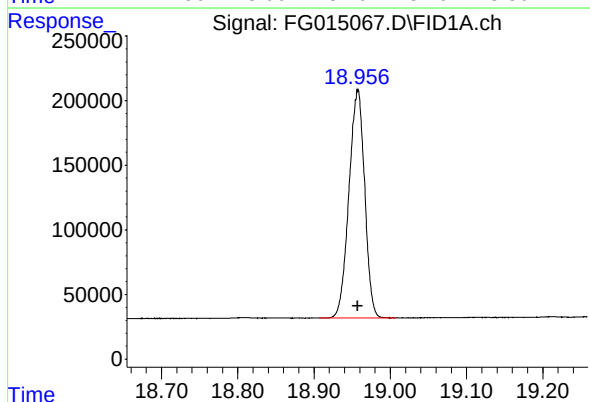
R.T.: 17.230 min
Delta R.T.: 0.000 min
Response: 2652099
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

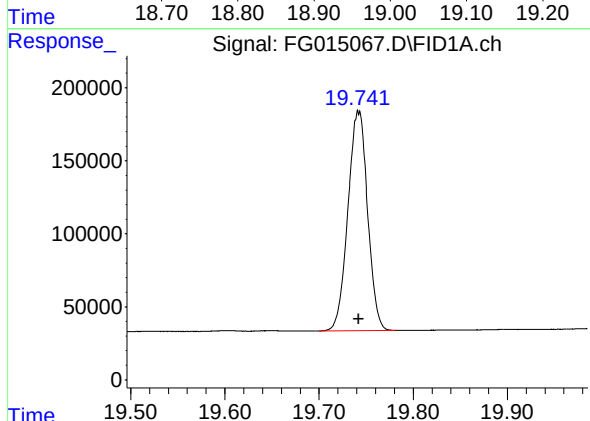
R.T.: 18.120 min
Delta R.T.: 0.000 min
Response: 2664360
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



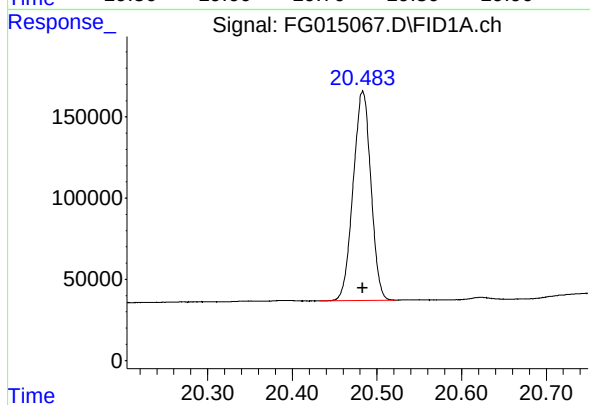
#18 n-Dotriacontane (C32)

R.T.: 18.958 min
Delta R.T.: 0.000 min
Response: 2523491
Conc: 20.00 ug/ml



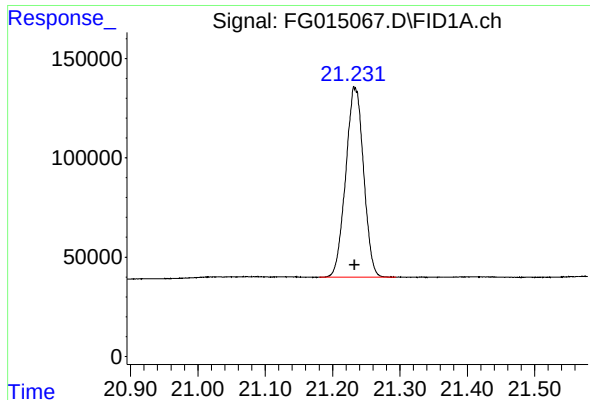
#19 n-Tetatriacontane (C34)

R.T.: 19.742 min
Delta R.T.: 0.000 min
Response: 2181450
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

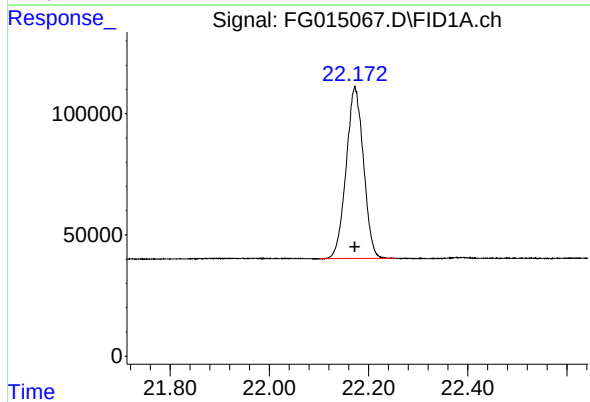
R.T.: 20.483 min
Delta R.T.: 0.000 min
Response: 1872181
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.233 min
Delta R.T.: 0.000 min
Response: 1767390
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.172 min
Delta R.T.: 0.000 min
Response: 1716790
Conc: 20.00 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
Data File : FG015067.D
Signal(s) : FID1A.ch
Acq On : 14 Jan 2025 10:32
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH
011425.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	3.286	3.257	3.332	BB	261204	2614767	83.07%	4.536%
2	4.546	4.513	4.588	BB	267662	2676689	85.04%	4.644%
3	6.255	6.223	6.293	BB	309206	2939792	93.40%	5.100%
4	6.725	6.692	6.760	BB	274221	2733386	86.84%	4.742%
5	7.357	7.318	7.404	BB	298379	2872724	91.26%	4.984%
6	8.562	8.526	8.601	BB	269719	2764267	87.82%	4.796%
7	10.177	10.141	10.216	BB	274082	2917392	92.68%	5.061%
8	11.626	11.588	11.673	BB	259504	2990249	95.00%	5.188%
9	11.942	11.908	11.987	BB	289602	3147685	100.00%	5.461%
10	12.942	12.907	12.993	BB	243555	2895988	92.00%	5.024%
11	13.388	13.350	13.432	BB	213103	2463128	78.25%	4.273%
12	13.556	13.520	13.603	BB	244258	2854638	90.69%	4.953%
13	14.146	14.108	14.189	BB	232509	2840997	90.26%	4.929%
14	15.253	15.212	15.292	BB	224027	2812228	89.34%	4.879%
15	16.278	16.236	16.327	BB	201932	2737370	86.96%	4.749%
16	17.230	17.181	17.271	BB	198008	2652099	84.26%	4.601%
17	18.120	18.072	18.167	BB	193745	2664360	84.65%	4.622%
18	18.958	18.907	19.008	BB	175466	2523491	80.17%	4.378%
19	19.742	19.700	19.782	BB	147879	2181450	69.30%	3.785%
20	20.483	20.432	20.523	BB	129158	1872181	59.48%	3.248%
21	21.233	21.180	21.294	BB	94746	1767390	56.15%	3.066%
22	22.172	22.100	22.255	BB	71138	1716790	54.54%	2.979%
Sum of corrected areas:						57639058		

Aliphatic EPH 011425.M Tue Jan 14 12:14:59 2025

Page 1

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
 Data File : FG015068.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2025 11:00
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jan 14 11:29:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:29:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.941	1696095	10.890 ug/ml
Spiked Amount 50.000		Recovery =	21.78%
12) S 1-chlorooctadecane (S...	13.386	1316129	10.805 ug/ml
Spiked Amount 50.000		Recovery =	21.61%
Target Compounds			
1) T n-Nonane (C9)	3.286	1414022	10.957 ug/ml
2) T n-Decane (C10)	4.546	1445560	10.937 ug/ml
3) T A~Naphthalene (C11.7)	6.256	1588241	10.920 ug/ml
4) T n-Dodecane (C12)	6.725	1477691	10.921 ug/ml
5) T A~2-methylnaphthalene...	7.357	1548912	10.892 ug/ml
6) T n-Tetradecane (C14)	8.561	1492489	10.894 ug/ml
7) T n-Hexadecane (C16)	10.176	1570556	10.880 ug/ml
8) T n-Octadecane (C18)	11.625	1621142	10.945 ug/ml
10) T n-Eicosane (C20)	12.941	1555013	10.867 ug/ml
11) T n-Heneicosane (C21)	13.555	1532447	10.868 ug/ml
13) T n-Docosane (C22)	14.144	1520670	10.842 ug/ml
14) T n-Tetracosane (C24)	15.251	1504153	10.823 ug/ml
15) T n-Hexacosane (C26)	16.276	1464425	10.828 ug/ml
16) T n-Octacosane (C28)	17.229	1418738	10.837 ug/ml
17) T n-Tricontane (C30)	18.120	1429882	10.928 ug/ml
18) T n-Dotriacontane (C32)	18.956	1361904	11.007 ug/ml
19) T n-Tetratriacontane (C34)	19.741	1178833	11.016 ug/ml
20) T n-Hexatriacontane (C36)	20.483	1017042	11.056 ug/ml
21) T n-Octatriacontane (C38)	21.233	958741	11.055 ug/ml
22) T n-Tetracontane (C40)	22.171	929971	11.036 ug/ml

(f)=RT Delta > 1/2 Window

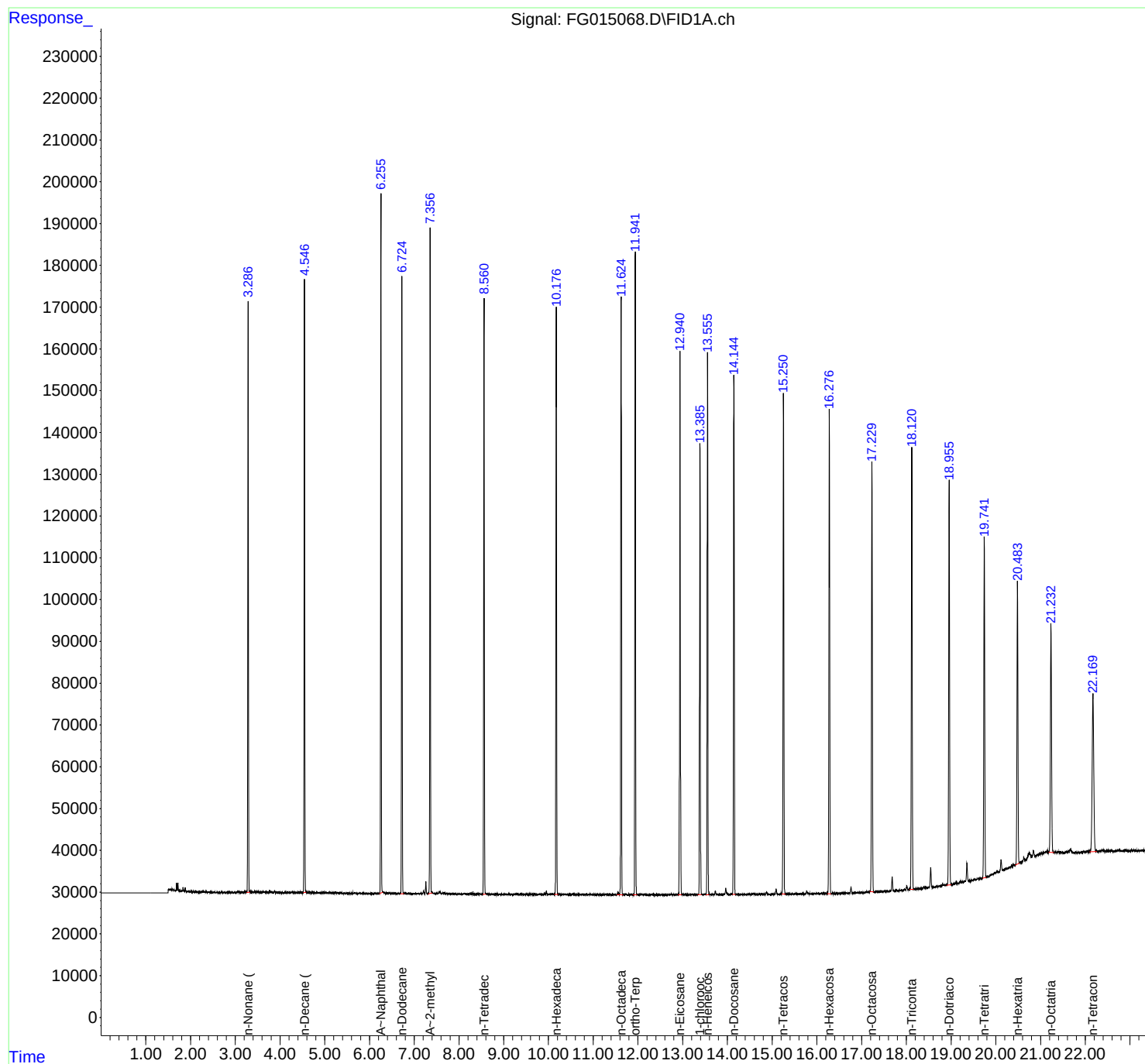
(m)=manual int.

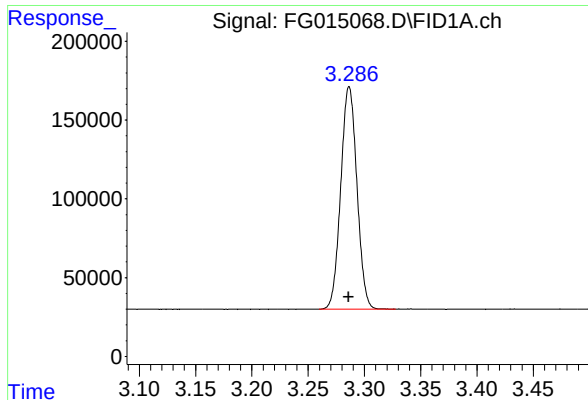
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
Data File : FG015068.D
Signal(s) : FID1A.ch
Acq On : 14 Jan 2025 11:00
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Jan 14 11:29:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 11:29:05 2025
Response via : Initial Calibration
Integrator: ChemStation

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

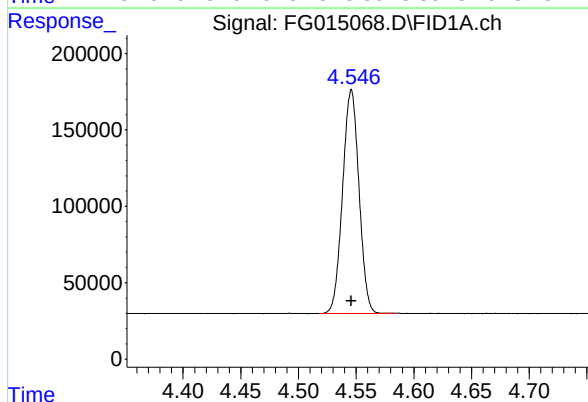




#1 n-Nonane (C9)

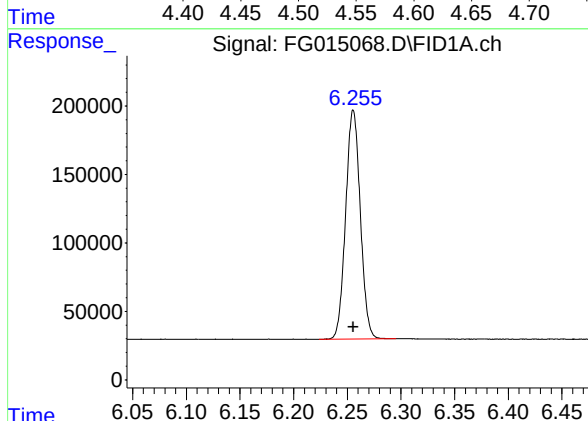
R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 1414022
Conc: 10.96 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



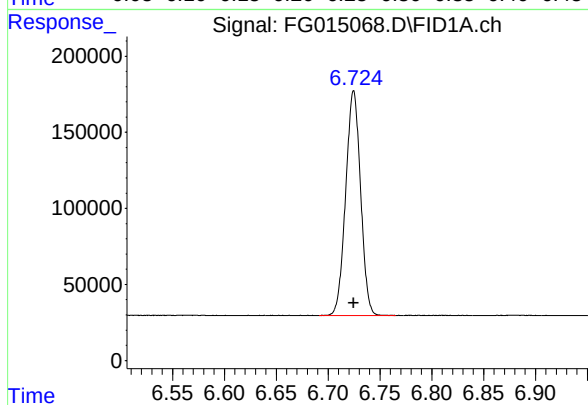
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 1445560
Conc: 10.94 ug/ml



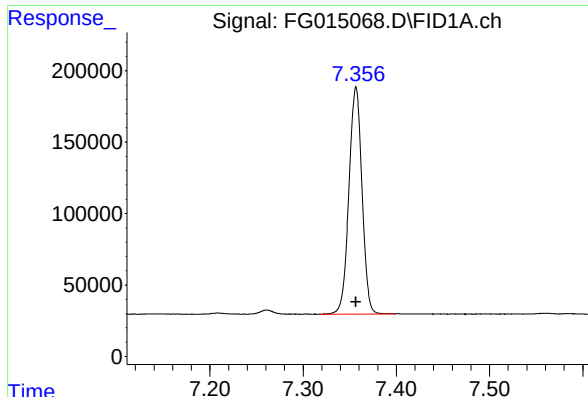
#3 A~Naphthalene (C11.7)

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 1588241
Conc: 10.92 ug/ml



#4 n-Dodecane (C12)

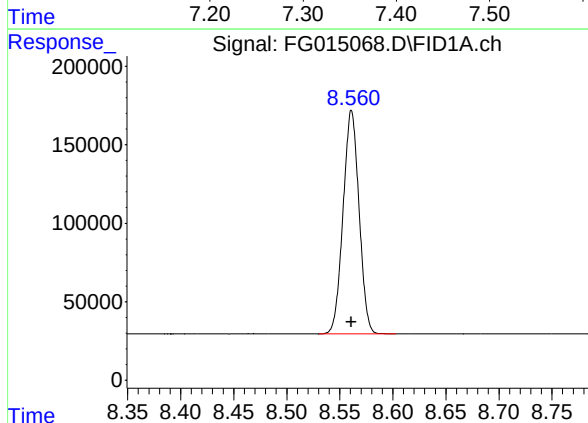
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 1477691
Conc: 10.92 ug/ml



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

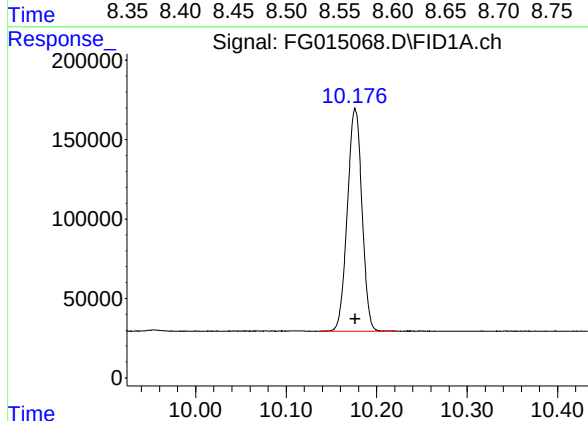
R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 1548912
Conc: 10.89 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



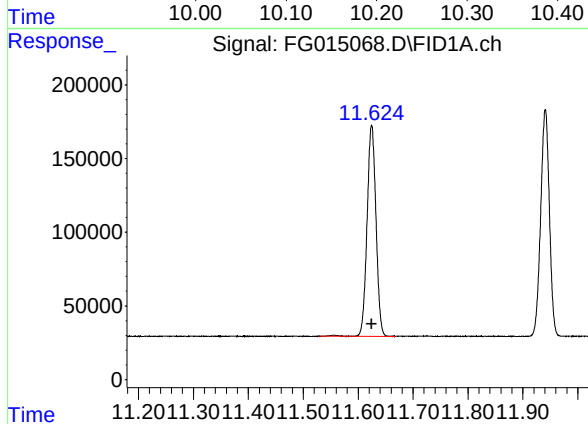
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 1492489
Conc: 10.89 ug/ml



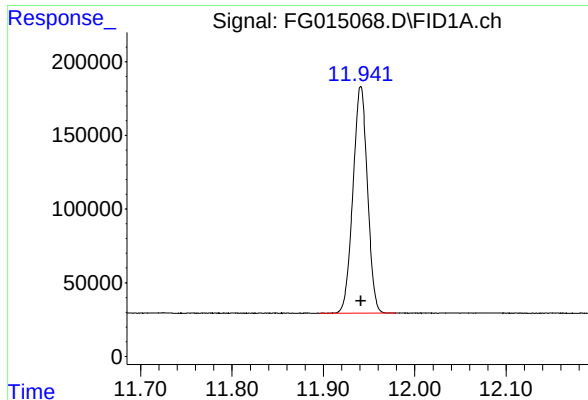
#7 n-Hexadecane (C16)

R.T.: 10.176 min
Delta R.T.: 0.000 min
Response: 1570556
Conc: 10.88 ug/ml



#8 n-Octadecane (C18)

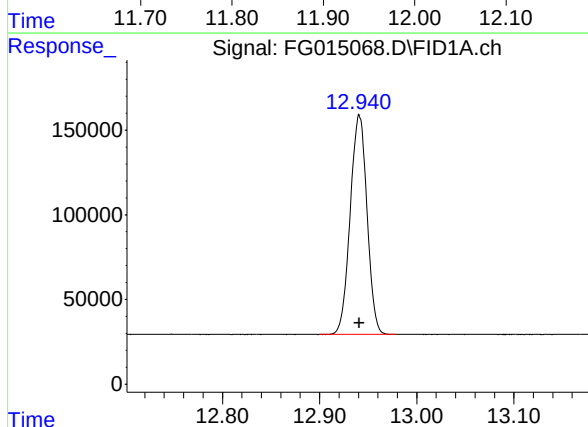
R.T.: 11.625 min
Delta R.T.: 0.000 min
Response: 1621142
Conc: 10.95 ug/ml



#9 ortho-Terphenyl (SURR)

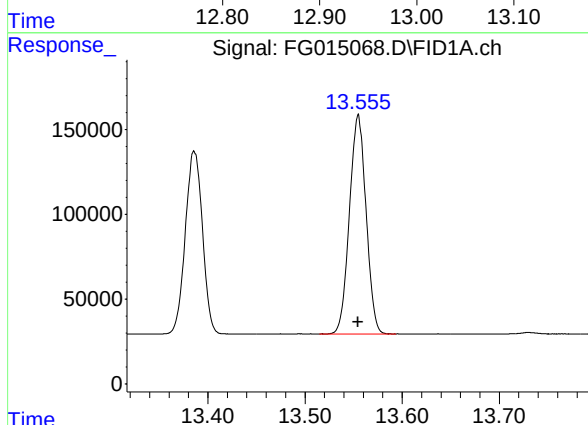
R.T.: 11.941 min
Delta R.T.: 0.000 min
Response: 1696095
Conc: 10.89 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



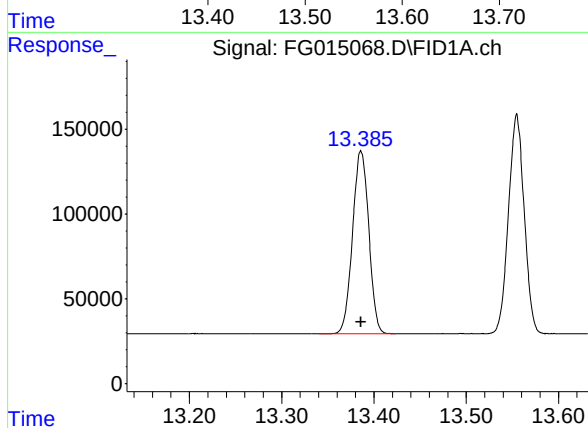
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: 0.000 min
Response: 1555013
Conc: 10.87 ug/ml



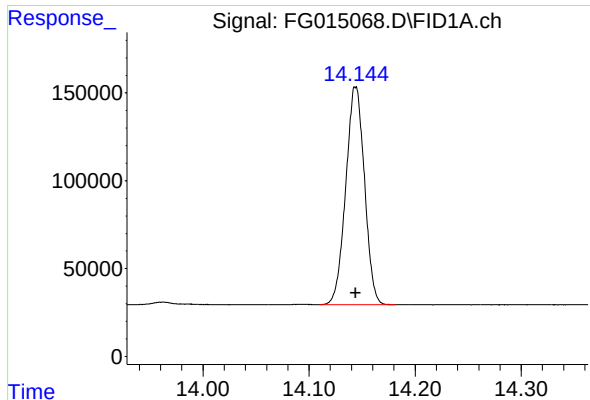
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.000 min
Response: 1532447
Conc: 10.87 ug/ml



#12 1-chlorooctadecane (SURR)

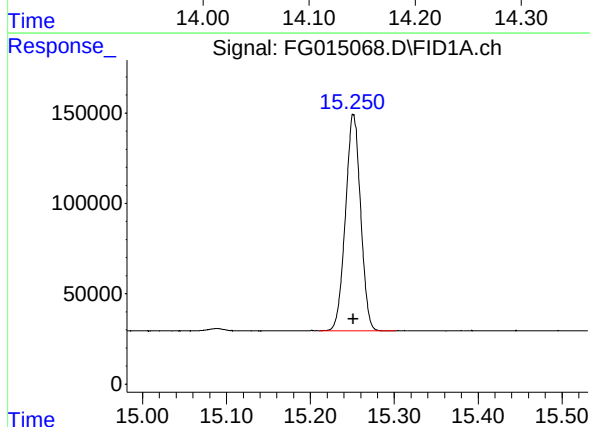
R.T.: 13.386 min
Delta R.T.: 0.000 min
Response: 1316129
Conc: 10.81 ug/ml



#13 n-Docosane (C22)

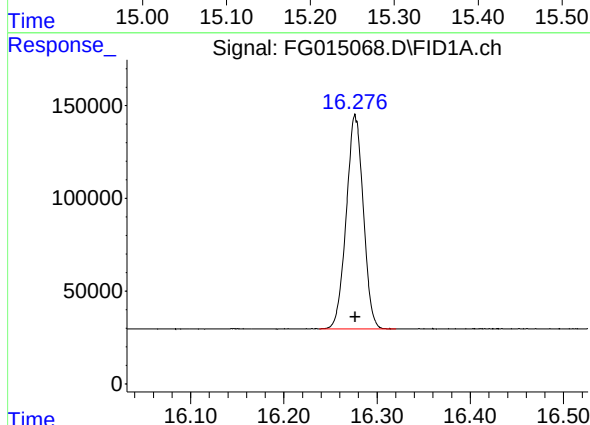
R.T.: 14.144 min
Delta R.T.: 0.000 min
Response: 1520670
Conc: 10.84 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



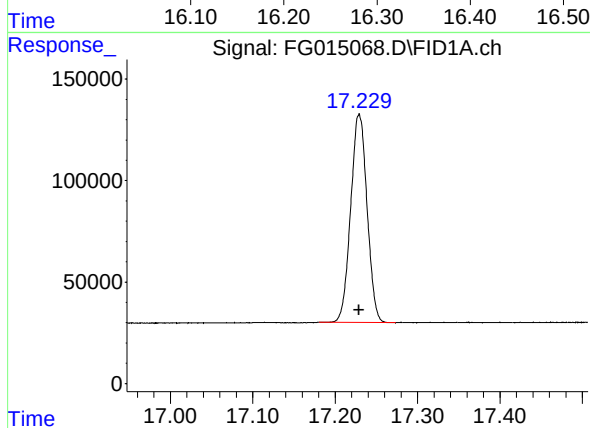
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: 0.000 min
Response: 1504153
Conc: 10.82 ug/ml



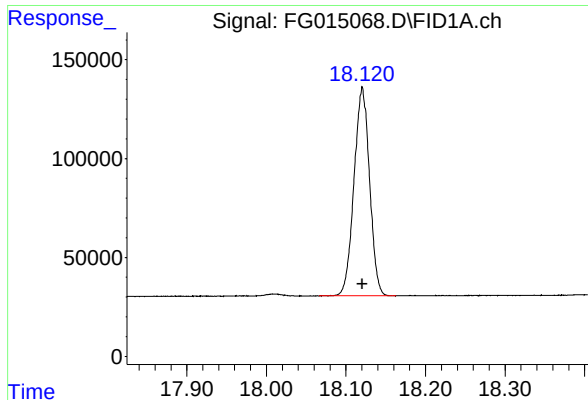
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: 0.000 min
Response: 1464425
Conc: 10.83 ug/ml



#16 n-Octacosane (C28)

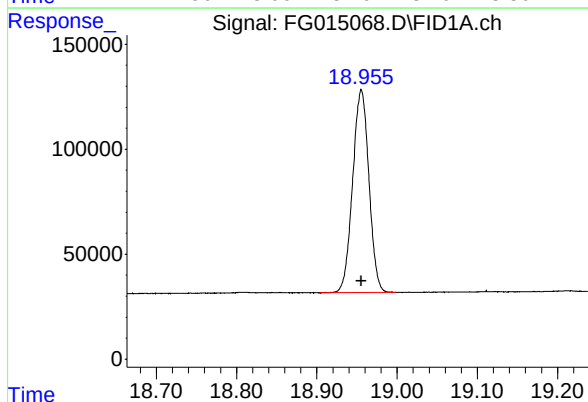
R.T.: 17.229 min
Delta R.T.: 0.000 min
Response: 1418738
Conc: 10.84 ug/ml



#17 n-Tricontane (C30)

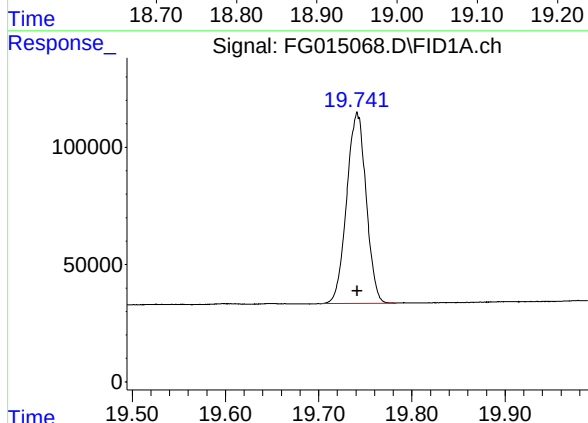
R.T.: 18.120 min
Delta R.T.: 0.000 min
Response: 1429882
Conc: 10.93 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



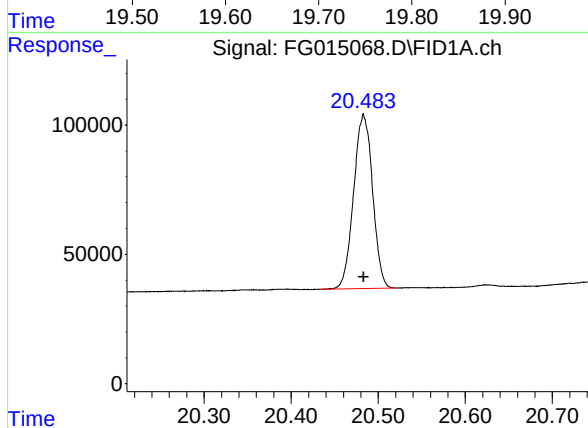
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.000 min
Response: 1361904
Conc: 11.01 ug/ml



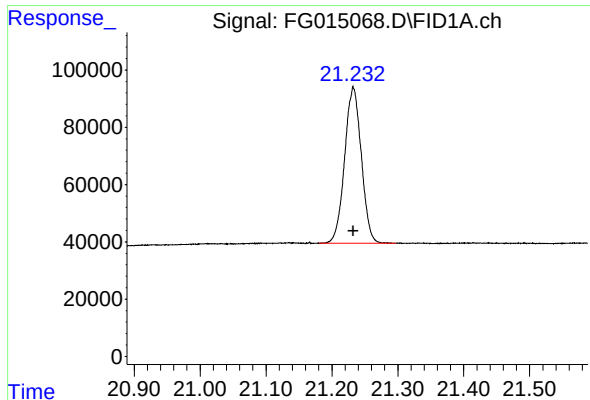
#19 n-Tetratriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.000 min
Response: 1178833
Conc: 11.02 ug/ml



#20 n-Hexatriacontane (C36)

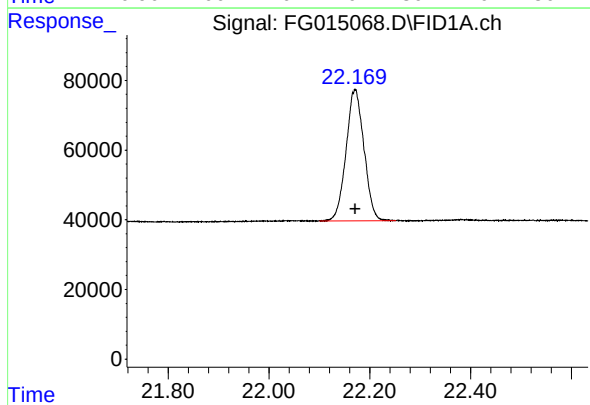
R.T.: 20.483 min
Delta R.T.: 0.000 min
Response: 1017042
Conc: 11.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.233 min
Delta R.T.: 0.000 min
Response: 958741
Conc: 11.06 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.171 min
Delta R.T.: 0.000 min
Response: 929971
Conc: 11.04 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
Data File : FG015068.D
Signal(s) : FID1A.ch
Acq On : 14 Jan 2025 11:00
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH
011425.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	3.286	3.260	3.328	BB	141436	1414022	83.37%	4.555%
2	4.546	4.518	4.585	BB	146827	1445560	85.23%	4.657%
3	6.256	6.224	6.295	BB	167372	1588241	93.64%	5.116%
4	6.725	6.691	6.765	BB	147707	1477691	87.12%	4.760%
5	7.357	7.317	7.400	BB	158941	1548912	91.32%	4.990%
6	8.561	8.530	8.603	BB	142365	1492489	88.00%	4.808%
7	10.176	10.136	10.221	BB	140145	1570556	92.60%	5.059%
8	11.625	11.529	11.669	BB	143066	1621142	95.58%	5.222%
9	11.941	11.895	11.980	BB	153791	1696095	100.00%	5.464%
10	12.941	12.900	12.979	BB	128917	1555013	91.68%	5.009%
11	13.386	13.340	13.424	BB	107509	1316129	77.60%	4.240%
12	13.555	13.515	13.594	BB	129564	1532447	90.35%	4.937%
13	14.144	14.110	14.182	BB	123484	1520670	89.66%	4.899%
14	15.251	15.210	15.302	BB	119455	1504153	88.68%	4.845%
15	16.276	16.238	16.320	BB	115417	1464425	86.34%	4.717%
16	17.229	17.180	17.274	BB	102975	1418738	83.65%	4.570%
17	18.120	18.066	18.163	BB	105834	1429882	84.30%	4.606%
18	18.956	18.903	18.999	BB	96848	1361904	80.30%	4.387%
19	19.741	19.700	19.783	BB	81334	1178833	69.50%	3.797%
20	20.483	20.432	20.520	BB	67427	1017042	59.96%	3.276%
21	21.233	21.180	21.297	BB	54180	958741	56.53%	3.088%
22	22.171	22.100	22.252	BB	37517	929971	54.83%	2.996%
Sum of corrected areas:						31042656		

Aliphatic EPH 011425.M Tue Jan 14 12:15:22 2025

Page 1

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
 Data File : FG015069.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2025 11:29
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jan 14 11:44:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:44:36 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.940	793826	5.077 ug/ml
Spiked Amount 50.000		Recovery =	10.15%
12) S 1-chlorooctadecane (S...	13.387	608003	4.993 ug/ml
Spiked Amount 50.000		Recovery =	9.99%
Target Compounds			
1) T n-Nonane (C9)	3.287	664889	5.121 ug/ml
2) T n-Decane (C10)	4.546	678916	5.109 ug/ml
3) T A~Naphthalene (C11.7)	6.256	741908	5.080 ug/ml
4) T n-Dodecane (C12)	6.724	692500	5.094 ug/ml
5) T A~2-methylnaphthalene...	7.356	724639	5.076 ug/ml
6) T n-Tetradecane (C14)	8.560	698008	5.076 ug/ml
7) T n-Hexadecane (C16)	10.175	735392	5.075 ug/ml
8) T n-Octadecane (C18)	11.625	753432	5.069 ug/ml
10) T n-Eicosane (C20)	12.940	726588	5.062 ug/ml
11) T n-Heneicosane (C21)	13.555	714831	5.056 ug/ml
13) T n-Docosane (C22)	14.143	709791	5.048 ug/ml
14) T n-Tetracosane (C24)	15.251	700082	5.030 ug/ml
15) T n-Hexacosane (C26)	16.276	681420	5.031 ug/ml
16) T n-Octacosane (C28)	17.229	671550	5.103 ug/ml
17) T n-Tricontane (C30)	18.120	699551	5.273 ug/ml
18) T n-Dotriacontane (C32)	18.955	678547	5.380 ug/ml
19) T n-Tetratriacontane (C34)	19.741	581837	5.344 ug/ml
20) T n-Hexatriacontane (C36)	20.482	494323	5.295 ug/ml
21) T n-Octatriacontane (C38)	21.233	459379	5.235 ug/ml
22) T n-Tetracontane (C40)	22.172	433737	5.117 ug/ml

(f)=RT Delta > 1/2 Window

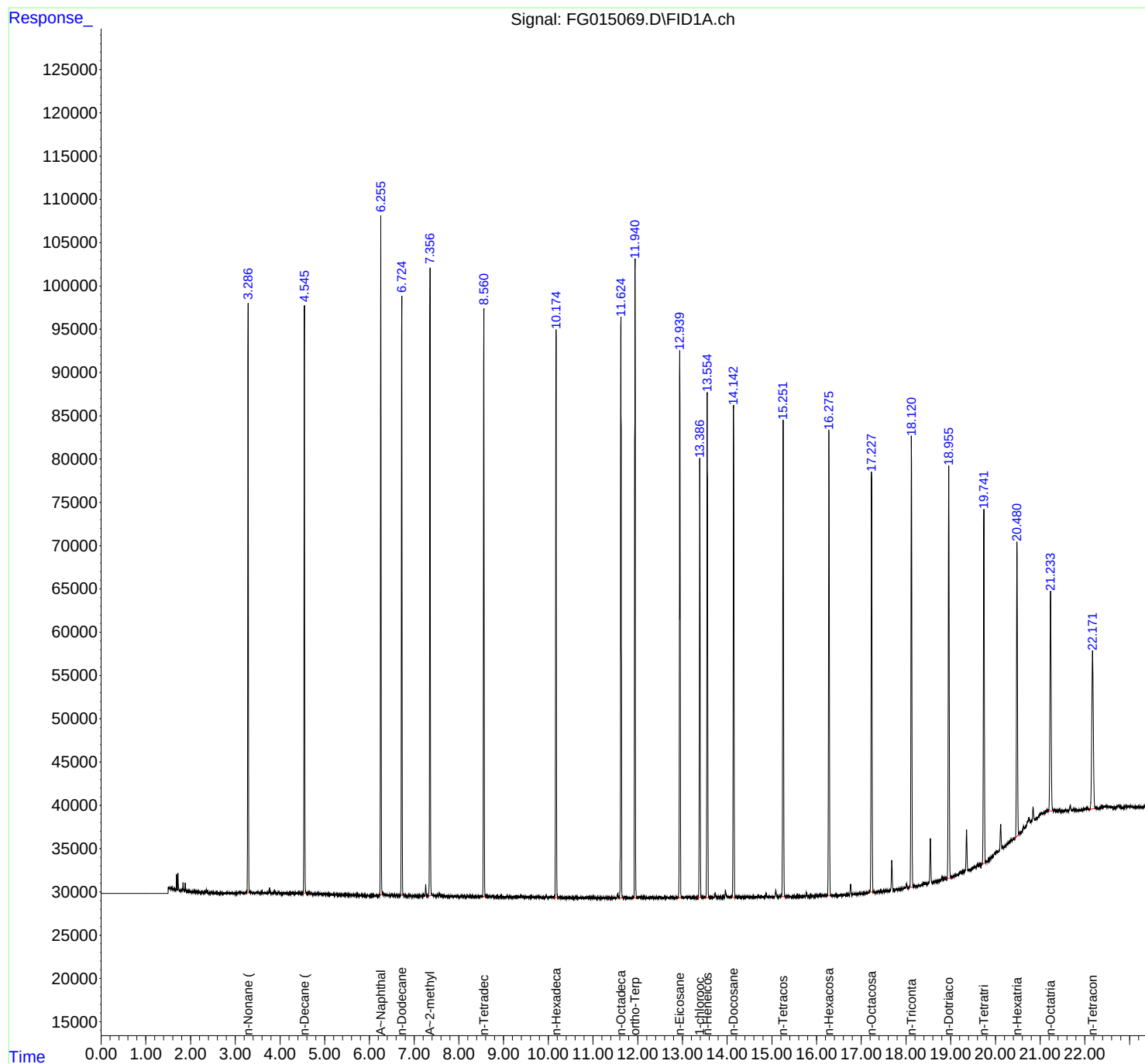
(m)=manual int.

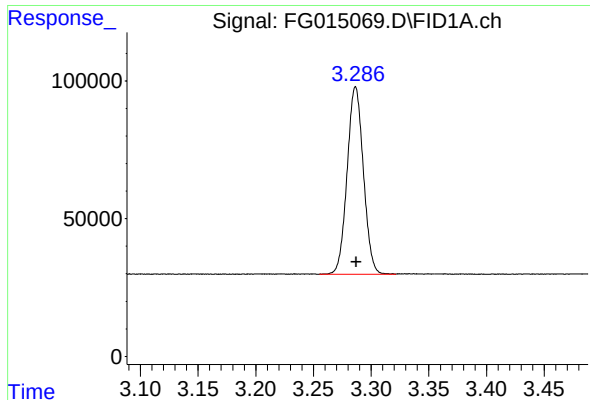
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
Data File : FG015069.D
Signal(s) : FID1A.ch
Acq On : 14 Jan 2025 11:29
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Jan 14 11:44:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 11:44:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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

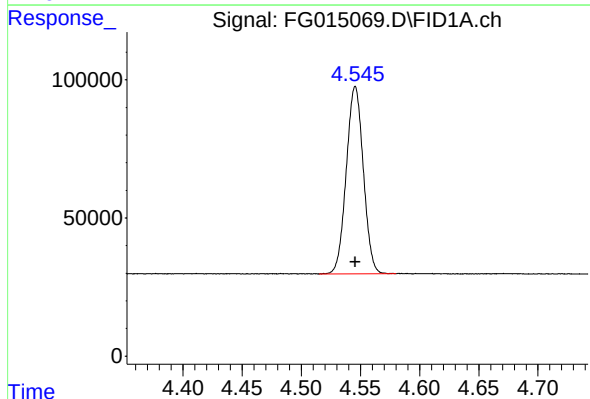




#1 n-Nonane (C9)

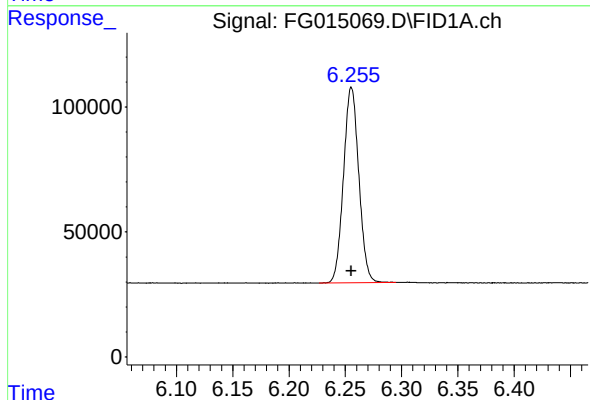
R.T.: 3.287 min
Delta R.T.: 0.000 min
Response: 664889
Conc: 5.12 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



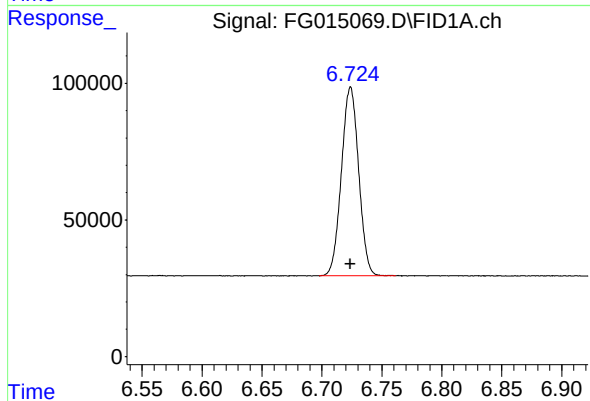
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 678916
Conc: 5.11 ug/ml



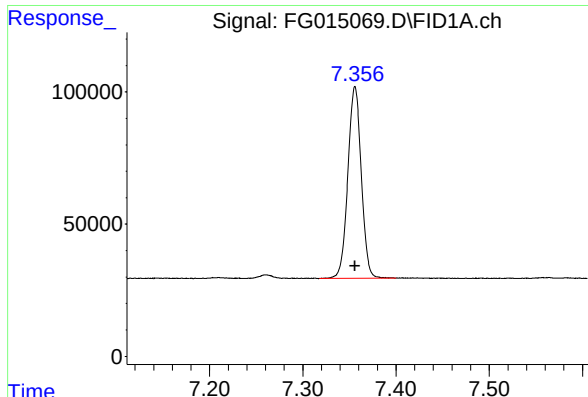
#3 A~Naphthalene (C11.7)

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 741908
Conc: 5.08 ug/ml



#4 n-Dodecane (C12)

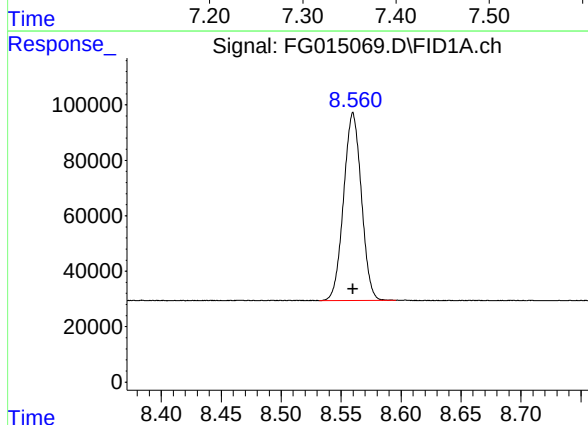
R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 692500
Conc: 5.09 ug/ml



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

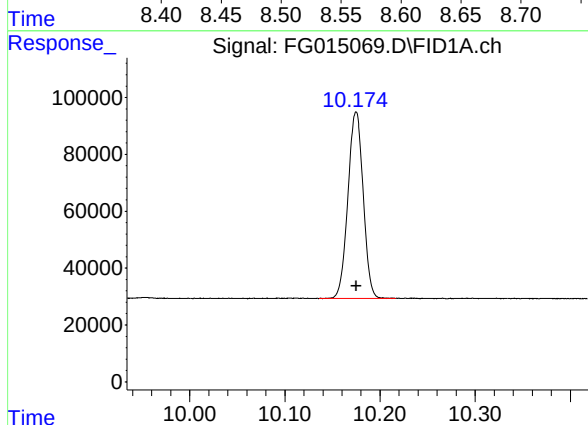
R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 724639
Conc: 5.08 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



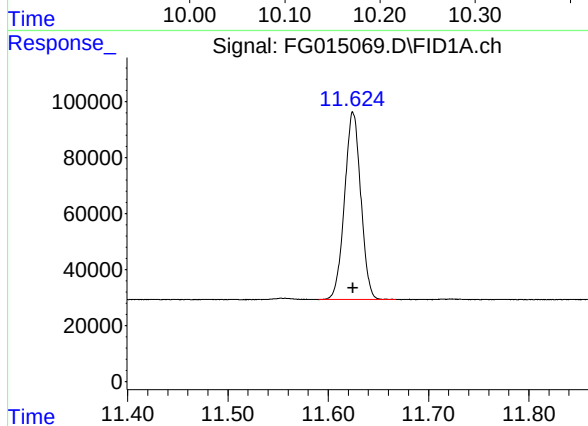
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: 0.000 min
Response: 698008
Conc: 5.08 ug/ml



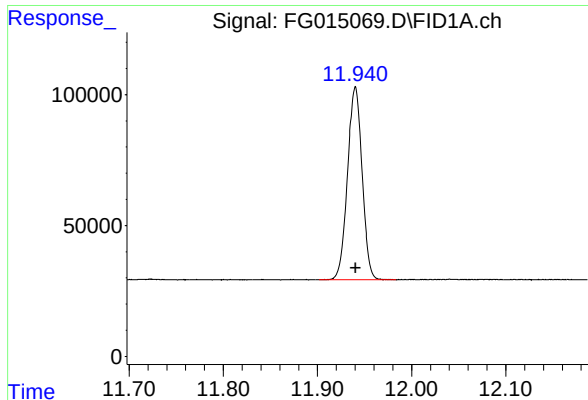
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: 0.000 min
Response: 735392
Conc: 5.08 ug/ml



#8 n-Octadecane (C18)

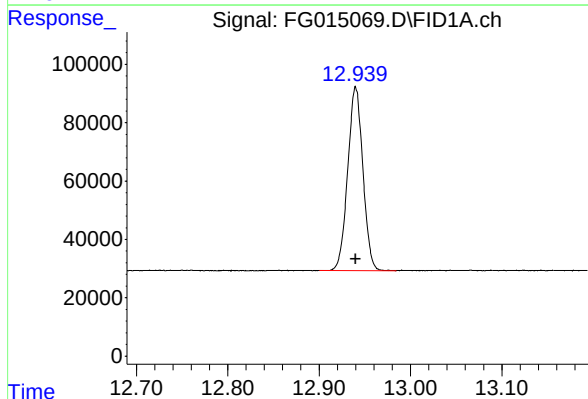
R.T.: 11.625 min
Delta R.T.: 0.000 min
Response: 753432
Conc: 5.07 ug/ml



#9 ortho-Terphenyl (SURR)

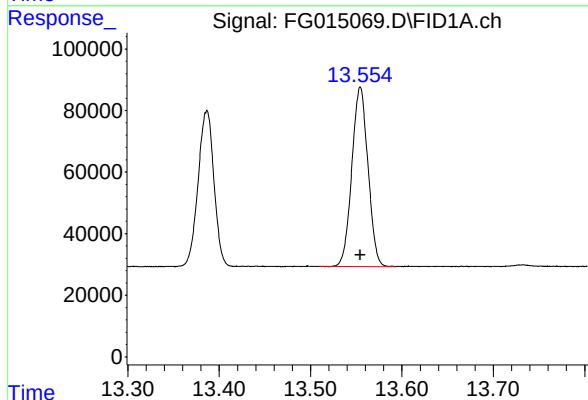
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 793826
Conc: 5.08 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



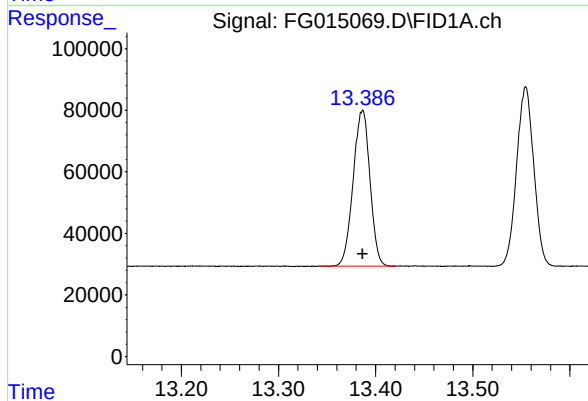
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: 0.000 min
Response: 726588
Conc: 5.06 ug/ml



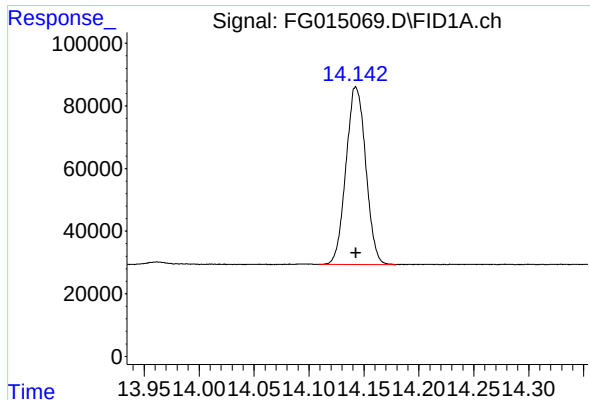
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.000 min
Response: 714831
Conc: 5.06 ug/ml



#12 1-chlorooctadecane (SURR)

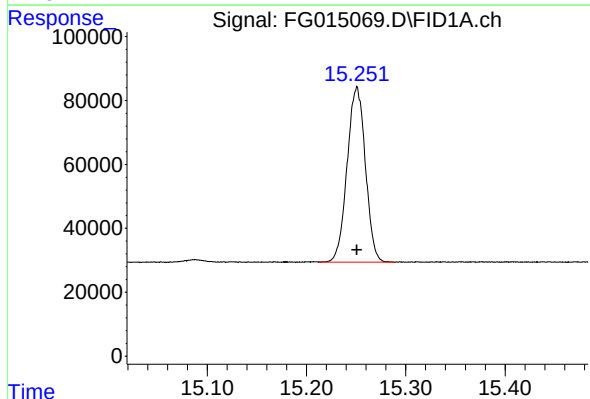
R.T.: 13.387 min
Delta R.T.: 0.000 min
Response: 608003
Conc: 4.99 ug/ml



#13 n-Docosane (C22)

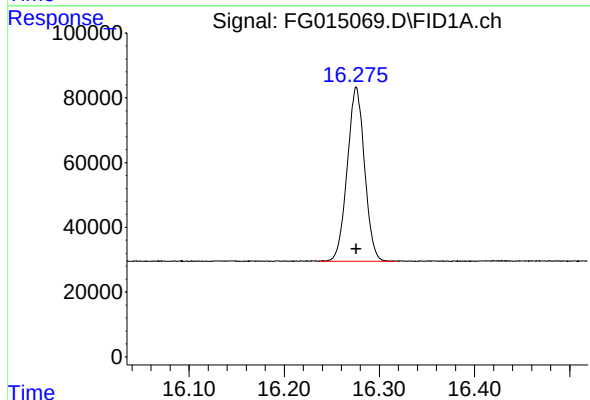
R.T.: 14.143 min
Delta R.T.: 0.000 min
Response: 709791
Conc: 5.05 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



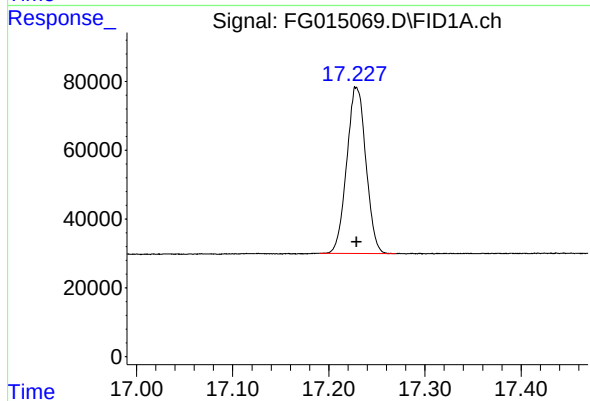
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: 0.000 min
Response: 700082
Conc: 5.03 ug/ml



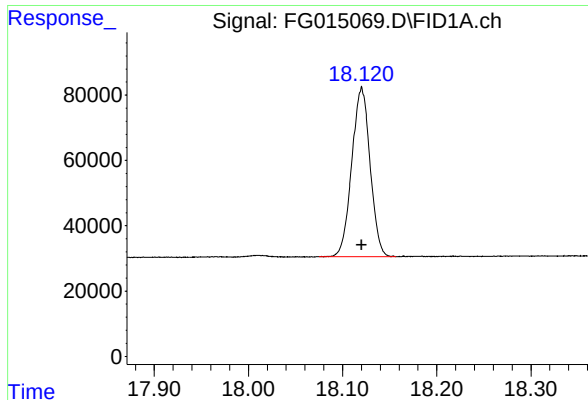
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: 0.000 min
Response: 681420
Conc: 5.03 ug/ml



#16 n-Octacosane (C28)

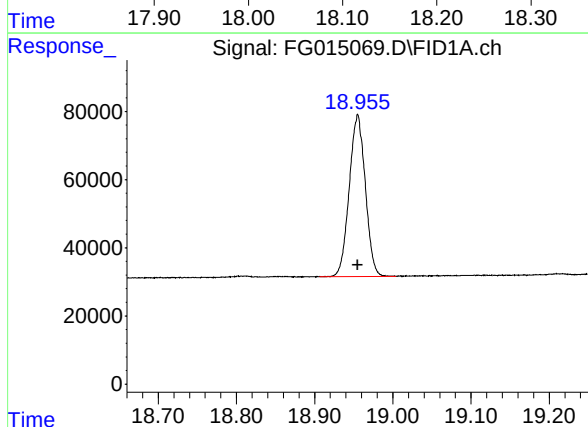
R.T.: 17.229 min
Delta R.T.: 0.000 min
Response: 671550
Conc: 5.10 ug/ml



#17 n-Tricontane (C30)

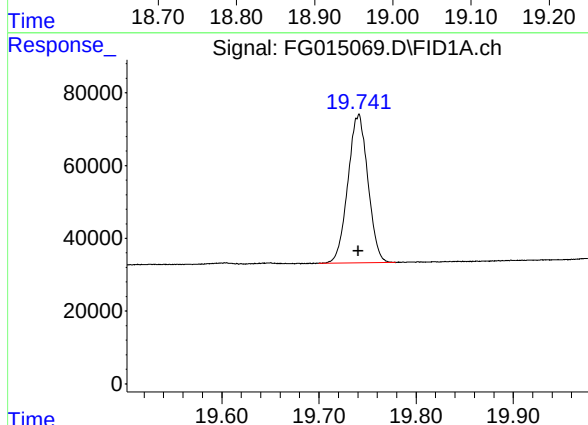
R.T.: 18.120 min
Delta R.T.: 0.000 min
Response: 699551
Conc: 5.27 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



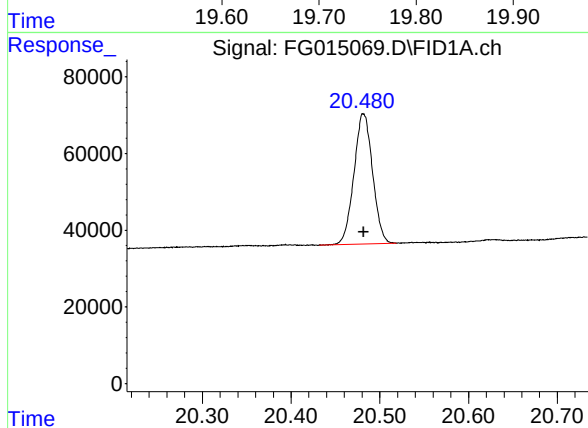
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.000 min
Response: 678547
Conc: 5.38 ug/ml



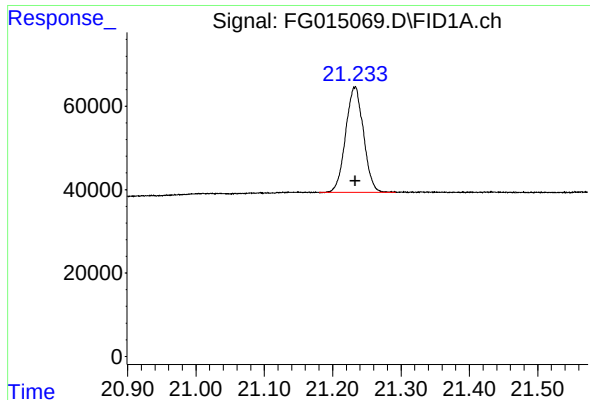
#19 n-Tetatriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.000 min
Response: 581837
Conc: 5.34 ug/ml



#20 n-Hexatriacontane (C36)

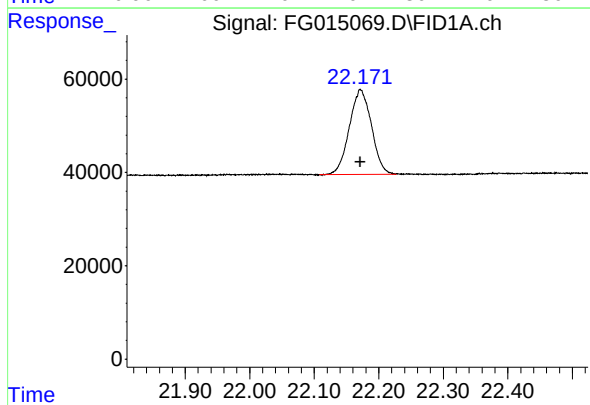
R.T.: 20.482 min
Delta R.T.: 0.000 min
Response: 494323
Conc: 5.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.233 min
Delta R.T.: 0.000 min
Response: 459379
Conc: 5.23 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.172 min
Delta R.T.: 0.000 min
Response: 433737
Conc: 5.12 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
 Data File : FG015069.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2025 11:29
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.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	3.287	3.255	3.322	BB	68164	664889	83.76%	4.541%
2	4.546	4.515	4.580	BB	67882	678916	85.52%	4.636%
3	6.256	6.227	6.295	BB	78166	741908	93.46%	5.067%
4	6.724	6.698	6.762	BB	69332	692500	87.24%	4.729%
5	7.356	7.318	7.400	BB	72530	724639	91.28%	4.949%
6	8.560	8.532	8.596	BB	67907	698008	87.93%	4.767%
7	10.175	10.136	10.217	BB	65609	735392	92.64%	5.022%
8	11.625	11.591	11.668	BB	66742	753432	94.91%	5.145%
9	11.940	11.902	11.983	BB	73689	793826	100.00%	5.421%
10	12.940	12.900	12.984	BB	62917	726588	91.53%	4.962%
11	13.387	13.342	13.421	BB	50709	608003	76.59%	4.152%
12	13.555	13.509	13.593	BB	58343	714831	90.05%	4.882%
13	14.143	14.109	14.179	BB	56758	709791	89.41%	4.847%
14	15.251	15.213	15.290	BB	54917	700082	88.19%	4.781%
15	16.276	16.237	16.318	BB	53686	681420	85.84%	4.654%
16	17.229	17.190	17.270	BB	48183	671550	84.60%	4.586%
17	18.120	18.075	18.157	BB	51943	699551	88.12%	4.777%
18	18.955	18.906	19.004	BB	47643	678547	85.48%	4.634%
19	19.741	19.700	19.779	BB	40829	581837	73.30%	3.973%
20	20.482	20.432	20.518	BB	33791	494323	62.27%	3.376%
21	21.233	21.180	21.293	BB	25439	459379	57.87%	3.137%
22	22.172	22.108	22.227	BB	18260	433737	54.64%	2.962%
Sum of corrected areas:							14643147	

Aliphatic EPH 011425.M Tue Jan 14 12:15:47 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
 Data File : FG015070.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2025 11:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jan 14 12:09:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.942	3157928	20.198 ug/ml
Spiked Amount 50.000		Recovery =	40.40%
12) S 1-chlorooctadecane (S...	13.388	2467859	20.268 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
Target Compounds			
1) T n-Nonane (C9)	3.287	2614988	20.141 ug/ml
2) T n-Decane (C10)	4.546	2679348	20.162 ug/ml
3) T A~Naphthalene (C11.7)	6.256	2948919	20.193 ug/ml
4) T n-Dodecane (C12)	6.725	2738909	20.148 ug/ml
5) T A~2-methylnaphthalene...	7.358	2882199	20.190 ug/ml
6) T n-Tetradecane (C14)	8.562	2774707	20.176 ug/ml
7) T n-Hexadecane (C16)	10.177	2926379	20.196 ug/ml
8) T n-Octadecane (C18)	11.626	2998960	20.178 ug/ml
10) T n-Eicosane (C20)	12.942	2901830	20.217 ug/ml
11) T n-Heneicosane (C21)	13.556	2861156	20.235 ug/ml
13) T n-Docosane (C22)	14.145	2843115	20.221 ug/ml
14) T n-Tetracosane (C24)	15.253	2810799	20.195 ug/ml
15) T n-Hexacosane (C26)	16.278	2733964	20.184 ug/ml
16) T n-Octacosane (C28)	17.231	2647191	20.116 ug/ml
17) T n-Tricontane (C30)	18.122	2666884	20.104 ug/ml
18) T n-Dotriacontane (C32)	18.957	2526757	20.034 ug/ml
19) T n-Tetratriacontane (C34)	19.742	2182601	20.045 ug/ml
20) T n-Hexatriacontane (C36)	20.485	1874043	20.073 ug/ml
21) T n-Octatriacontane (C38)	21.235	1767727	20.144 ug/ml
22) T n-Tetracontane (C40)	22.171	1714051	20.222 ug/ml

(f)=RT Delta > 1/2 Window

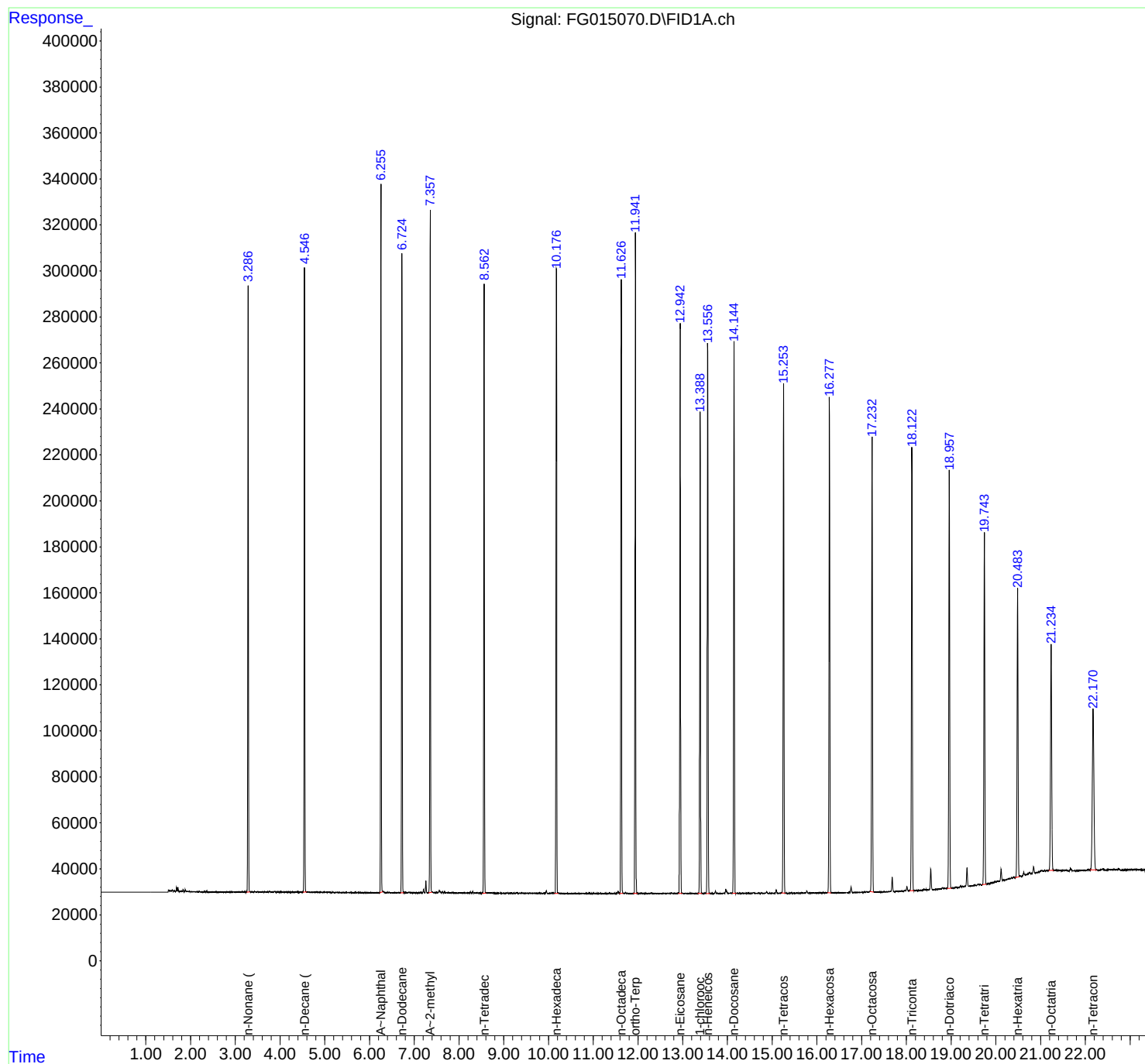
(m)=manual int.

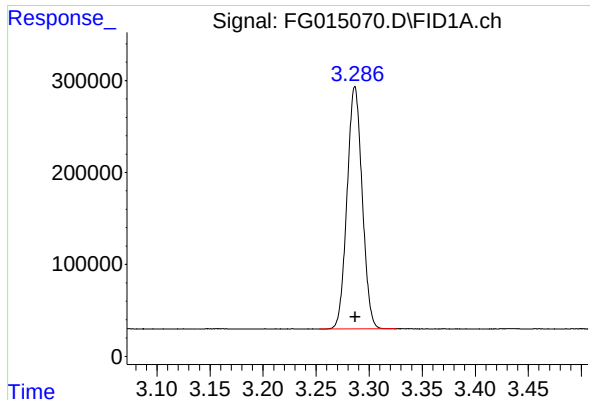
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
Data File : FG015070.D
Signal(s) : FID1A.ch
Acq On : 14 Jan 2025 11:57
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Jan 14 12:09:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 11:45:29 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)

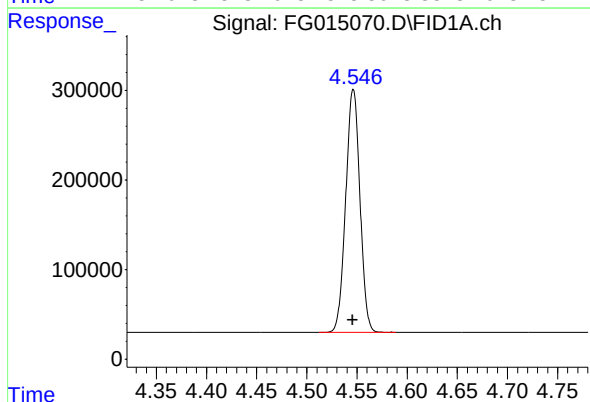
R.T.: 3.287 min
Delta R.T.: 0.000 min
Response: 2614988
Conc: 20.14 ug/ml

Instrument :

FID_G

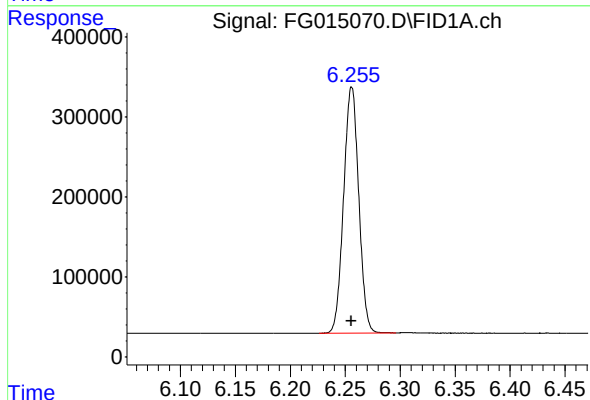
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



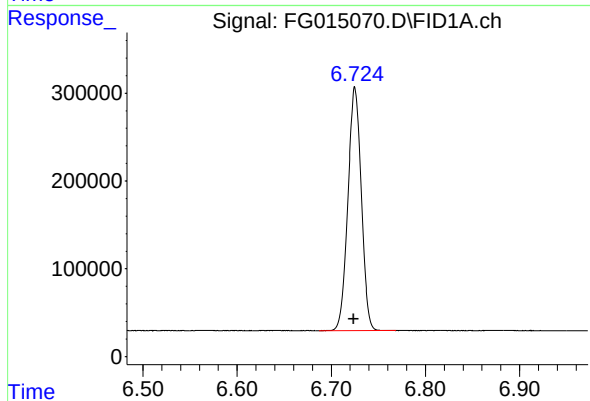
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 2679348
Conc: 20.16 ug/ml



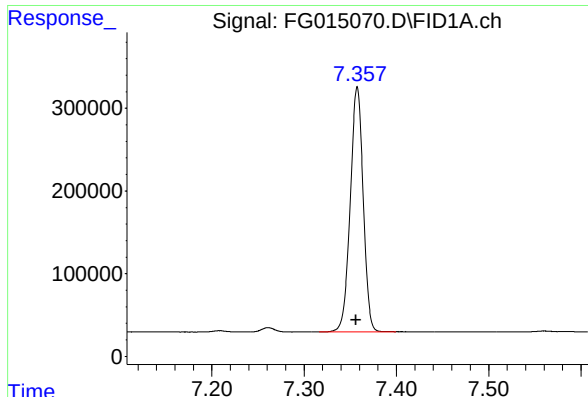
#3 A~Naphthalene (C11.7)

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 2948919
Conc: 20.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.725 min
Delta R.T.: 0.001 min
Response: 2738909
Conc: 20.15 ug/ml



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

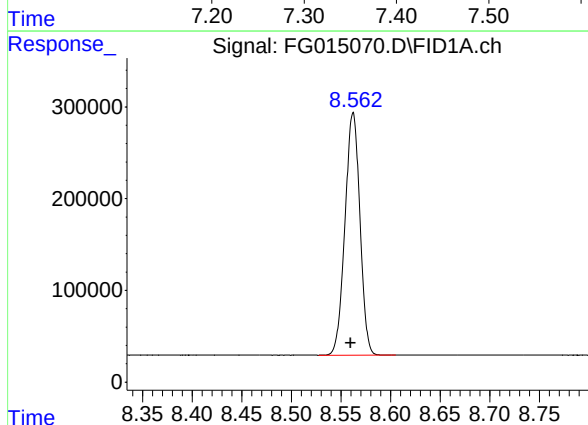
R.T.: 7.358 min
Delta R.T.: 0.002 min
Response: 2882199
Conc: 20.19 ug/ml

Instrument :

FID_G

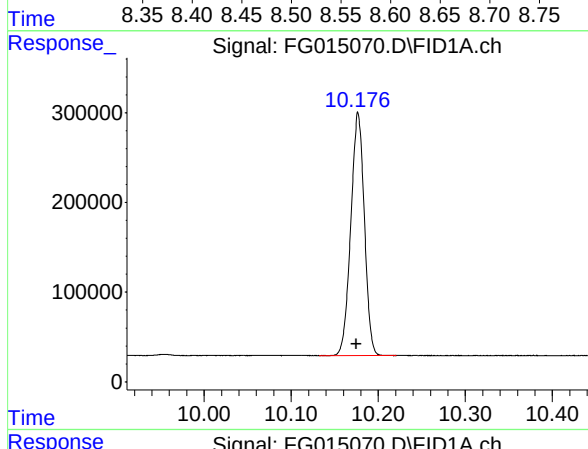
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



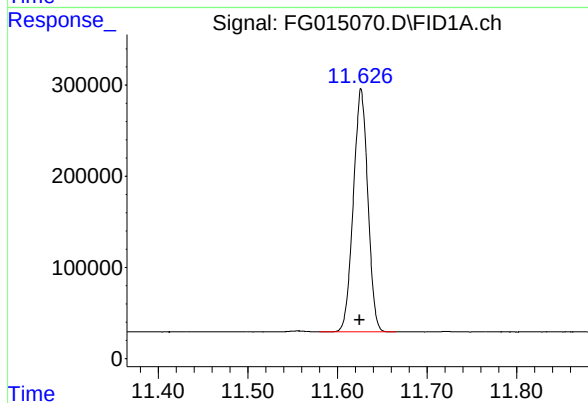
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.002 min
Response: 2774707
Conc: 20.18 ug/ml



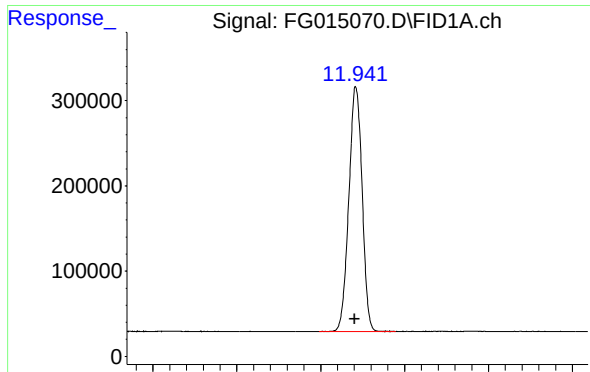
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: 0.002 min
Response: 2926379
Conc: 20.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.626 min
Delta R.T.: 0.002 min
Response: 2998960
Conc: 20.18 ug/ml



#9 ortho-Terphenyl (SURR)

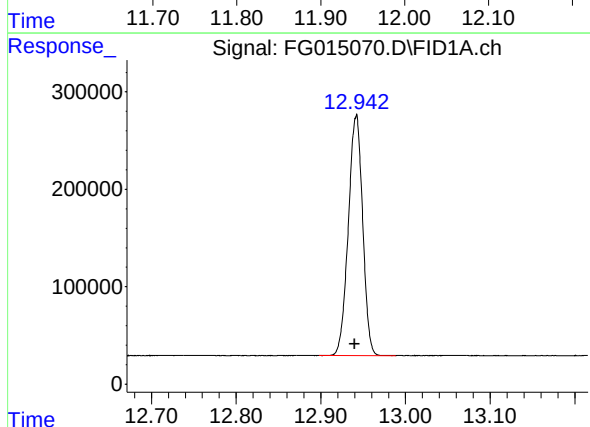
R.T.: 11.942 min
Delta R.T.: 0.002 min
Response: 3157928
Conc: 20.20 ug/ml

Instrument :

FID_G

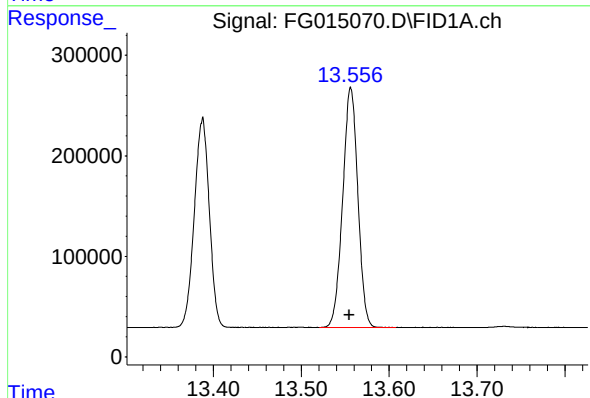
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



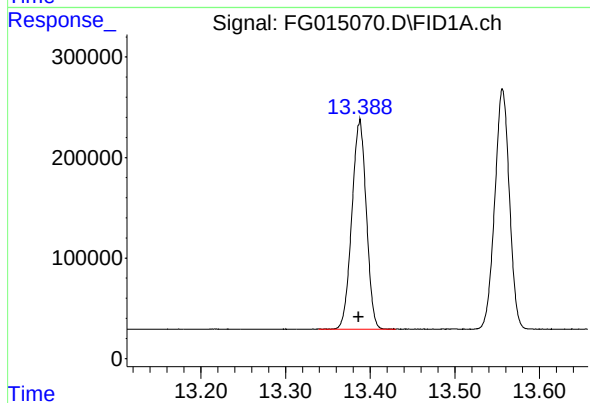
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.002 min
Response: 2901830
Conc: 20.22 ug/ml



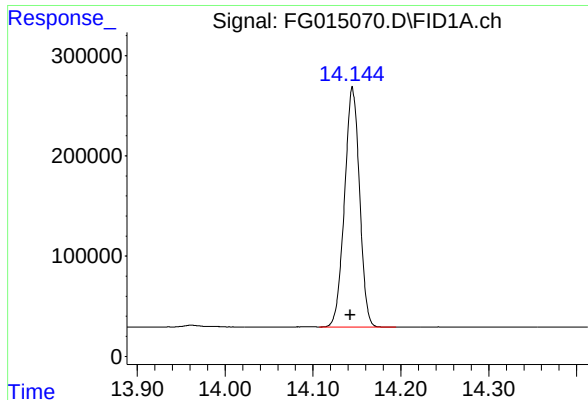
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.002 min
Response: 2861156
Conc: 20.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.388 min
Delta R.T.: 0.001 min
Response: 2467859
Conc: 20.27 ug/ml



#13 n-Docosane (C22)

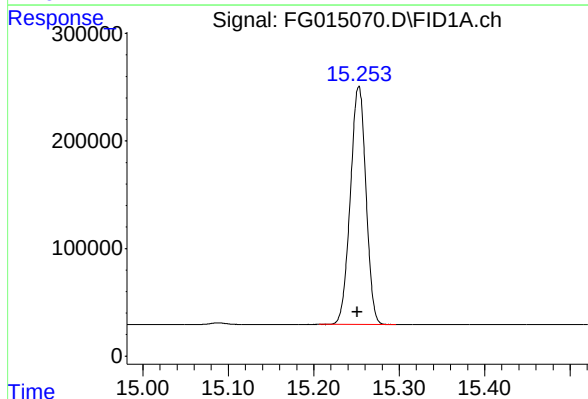
R.T.: 14.145 min
Delta R.T.: 0.002 min
Response: 2843115
Conc: 20.22 ug/ml

Instrument :

FID_G

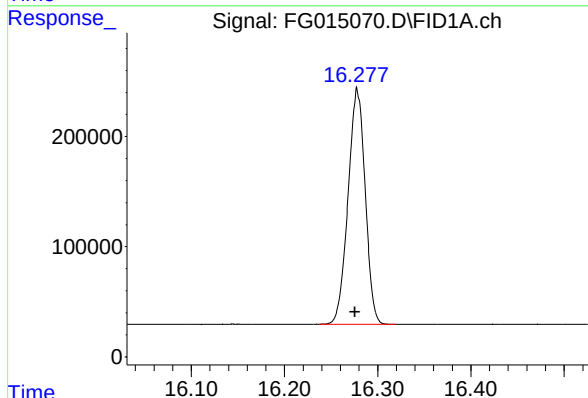
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



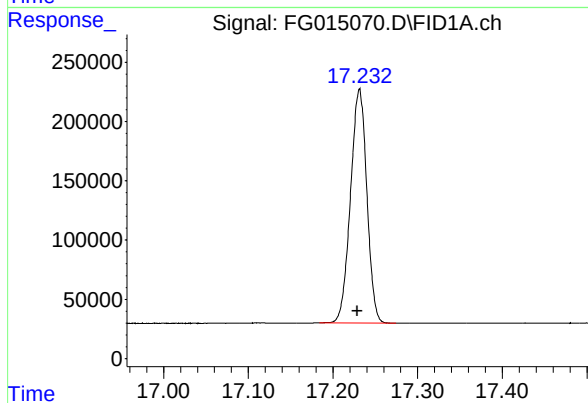
#14 n-Tetracosane (C24)

R.T.: 15.253 min
Delta R.T.: 0.002 min
Response: 2810799
Conc: 20.19 ug/ml



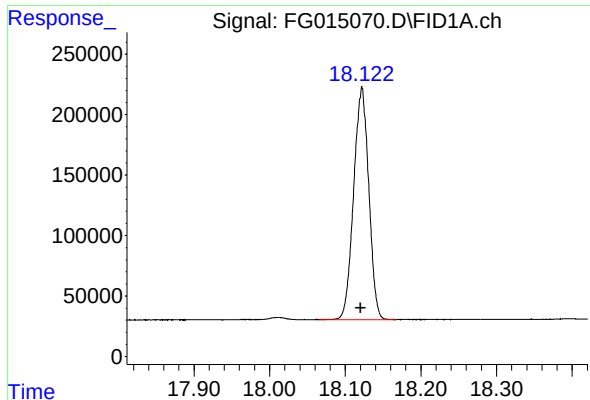
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: 0.002 min
Response: 2733964
Conc: 20.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: 0.003 min
Response: 2647191
Conc: 20.12 ug/ml



#17 n-Tricontane (C30)

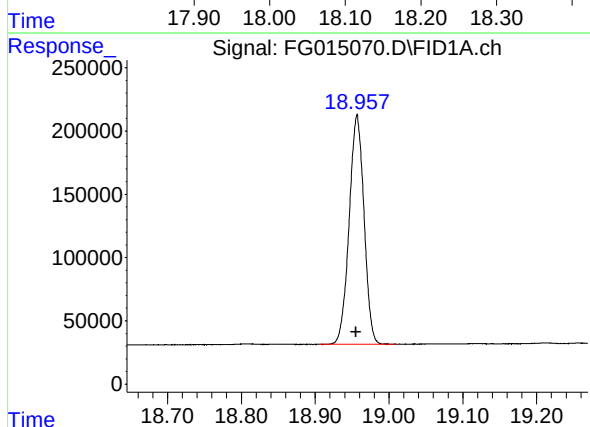
R.T.: 18.122 min
Delta R.T.: 0.002 min
Response: 2666884
Conc: 20.10 ug/ml

Instrument :

FID_G

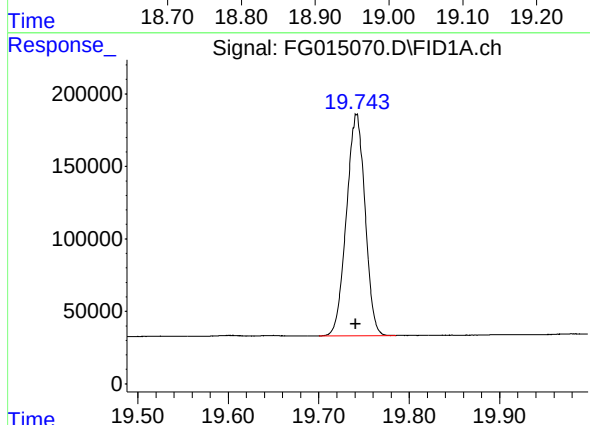
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



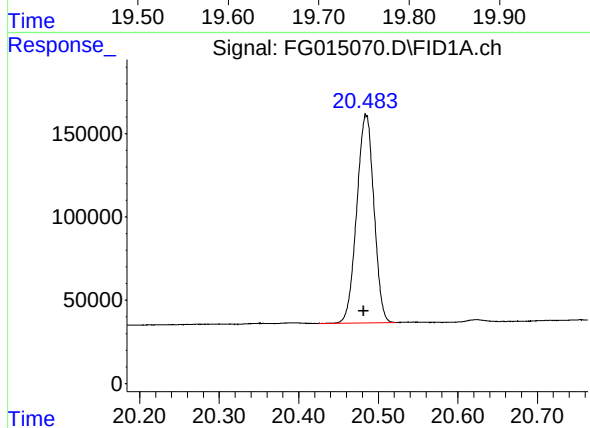
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.002 min
Response: 2526757
Conc: 20.03 ug/ml



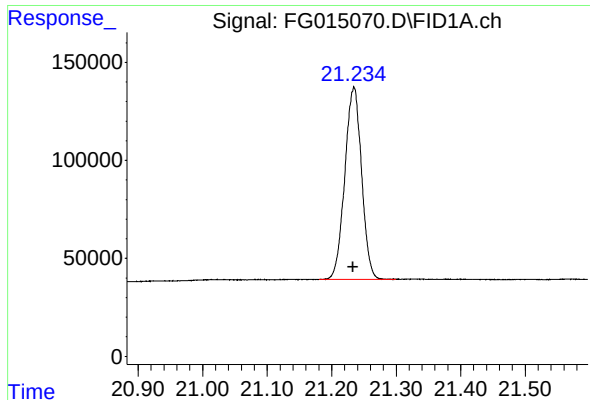
#19 n-Tetatriacontane (C34)

R.T.: 19.742 min
Delta R.T.: 0.001 min
Response: 2182601
Conc: 20.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.485 min
Delta R.T.: 0.003 min
Response: 1874043
Conc: 20.07 ug/ml



#21 n-Octatriacontane (C38)

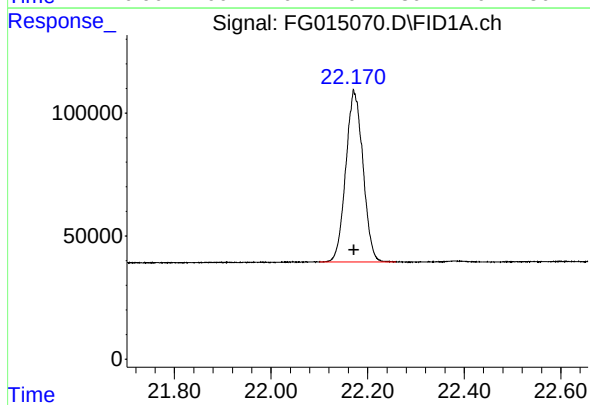
R.T.: 21.235 min
Delta R.T.: 0.002 min
Response: 1767727
Conc: 20.14 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.171 min
Delta R.T.: 0.000 min
Response: 1714051
Conc: 20.22 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
 Data File : FG015070.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2025 11:57
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH
 011425.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	3.287	3.253	3.325	BB	264052	2614988	82.81%	4.530%
2	4.546	4.512	4.589	BB	271232	2679348	84.85%	4.642%
3	6.256	6.226	6.296	BB	307237	2948919	93.38%	5.109%
4	6.725	6.687	6.769	BB	276692	2738909	86.73%	4.745%
5	7.358	7.316	7.400	BB	296603	2882199	91.27%	4.993%
6	8.562	8.528	8.605	BB	264206	2774707	87.86%	4.807%
7	10.177	10.132	10.220	BB	270071	2926379	92.67%	5.070%
8	11.626	11.580	11.665	BB	266781	2998960	94.97%	5.196%
9	11.942	11.898	11.990	BB	286466	3157928	100.00%	5.471%
10	12.942	12.898	12.989	BB	245622	2901830	91.89%	5.027%
11	13.388	13.340	13.430	BB	208162	2467859	78.15%	4.276%
12	13.556	13.520	13.608	BB	238945	2861156	90.60%	4.957%
13	14.145	14.107	14.195	BB	238962	2843115	90.03%	4.926%
14	15.253	15.206	15.296	BB	221104	2810799	89.01%	4.870%
15	16.278	16.237	16.320	BB	213031	2733964	86.57%	4.737%
16	17.231	17.184	17.275	BB	197399	2647191	83.83%	4.586%
17	18.122	18.065	18.167	BB	192875	2666884	84.45%	4.620%
18	18.957	18.905	19.009	BB	181968	2526757	80.01%	4.378%
19	19.742	19.700	19.785	BB	152284	2182601	69.11%	3.781%
20	20.485	20.425	20.522	BB	124336	1874043	59.34%	3.247%
21	21.235	21.180	21.300	BB	98260	1767727	55.98%	3.063%
22	22.171	22.100	22.259	BB	69882	1714051	54.28%	2.970%
Sum of corrected areas:						57720314		

Aliphatic EPH 011425.M Tue Jan 14 12:16:24 2025

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