

Initial Calibration Report for SequenceID : FG041725AL

AreaCount

Parameter Range	FG015681.D	FG015682.D	FG015683.D	FG015684.D	FG015685.D	
Aliphatic C9-C12	33857214.000	16456708.000	6899651.000	3425968.000	1679106.000	
Aliphatic C12-C16	23367762.000	11285559.000	4730252.000	2344772.000	1120248.000	
Aliphatic C16-C21	35762999.000	17140718.000	7258827.000	3657776.000	1776612.000	
Aliphatic C21-C28	45280898.000	21485644.000	9113022.000	4752581.000	2241995.000	
Aliphatic C28-C40	55838428.000	27464757.000	11914183.000	6217198.000	3173120.000	
Aliphatic EPH	194107301.000	93833386.000	39915935.000	20398295.000	9991081.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	112740.4566664	1.83				
Aliphatic C12-C16	115442.82	2.43				
Aliphatic C16-C21	118965.713333	2.493				
Aliphatic C21-C28	113091.503	3.605				
Aliphatic C28-C40	98657.7456662	6.359				
Aliphatic EPH	109462.035333	3.198				

Concentration

Parameter Range	FG015681.D	FG015682.D	FG015683.D	FG015684.D	FG015685.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	FG015681.D	FG015682.D	FG015683.D	FG015684.D	FG015685.D	
Aliphatic C9-C12	112857.380000	109711.386666	114994.183333	114198.933333	111940.400000	
Aliphatic C12-C16	116838.810000	112855.590000	118256.300000	117238.600000	112024.800000	
Aliphatic C16-C21	119209.996666	114271.453333	120980.450000	121925.866666	118440.800000	

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Aliphatic C21-C28	113202.245000	107428.220000	113912.775000	118814.525000	112099.750000	
Aliphatic C28-C40	93064.046666	91549.190000	99284.858333	103619.966666	105770.666666	
Aliphatic EPH	107837.389444	104259.317777	110877.597222	113323.861111	111012.011111	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015681.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 10:19
 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: Apr 17 11:31:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 17 11:27:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.912	14476535	99.183 ug/ml
Spiked Amount 50.000		Recovery =	198.37%
12) S 1-chlorooctadecane (S...	13.355	10854674	100.261 ug/ml
Spiked Amount 50.000		Recovery =	200.52%
Target Compounds			
1) T n-Nonane (C9)	3.255	11121165	98.931 ug/ml
2) T n-Decane (C10)	4.515	11235649	99.007 ug/ml
3) T A~Naphthalene (C11.7)	6.225	12188576	100.796 ug/ml
4) T n-Dodecane (C12)	6.695	11500400	99.244 ug/ml
5) T A~2-methylnaphthalene...	7.328	12095012	101.822 ug/ml
6) T n-Tetradecane (C14)	8.531	11559905	99.462 ug/ml
7) T n-Hexadecane (C16)	10.146	11807857	99.334 ug/ml
8) T n-Octadecane (C18)	11.596	12000754	99.178 ug/ml
10) T n-Eicosane (C20)	12.909	11910594	99.248 ug/ml
11) T n-Heneicosane (C21)	13.524	11851651	99.364 ug/ml
13) T n-Docosane (C22)	14.111	11741802	99.659 ug/ml
14) T n-Tetracosane (C24)	15.217	11538467	99.734 ug/ml
15) T n-Hexacosane (C26)	16.241	11206919	99.885 ug/ml
16) T n-Octacosane (C28)	17.193	10793710	99.464 ug/ml
17) T n-Tricontane (C30)	18.083	10598523	98.783 ug/ml
18) T n-Dotriacontane (C32)	18.916	10295134	97.805 ug/ml
19) T n-Tetratriacontane (C34)	19.702	9743201	97.566 ug/ml
20) T n-Hexatriacontane (C36)	20.441	9368678	97.395 ug/ml
21) T n-Octatriacontane (C38)	21.183	8480278	95.641 ug/ml
22) T n-Tetracontane (C40)	22.105	7352614	92.172 ug/ml

(f)=RT Delta > 1/2 Window

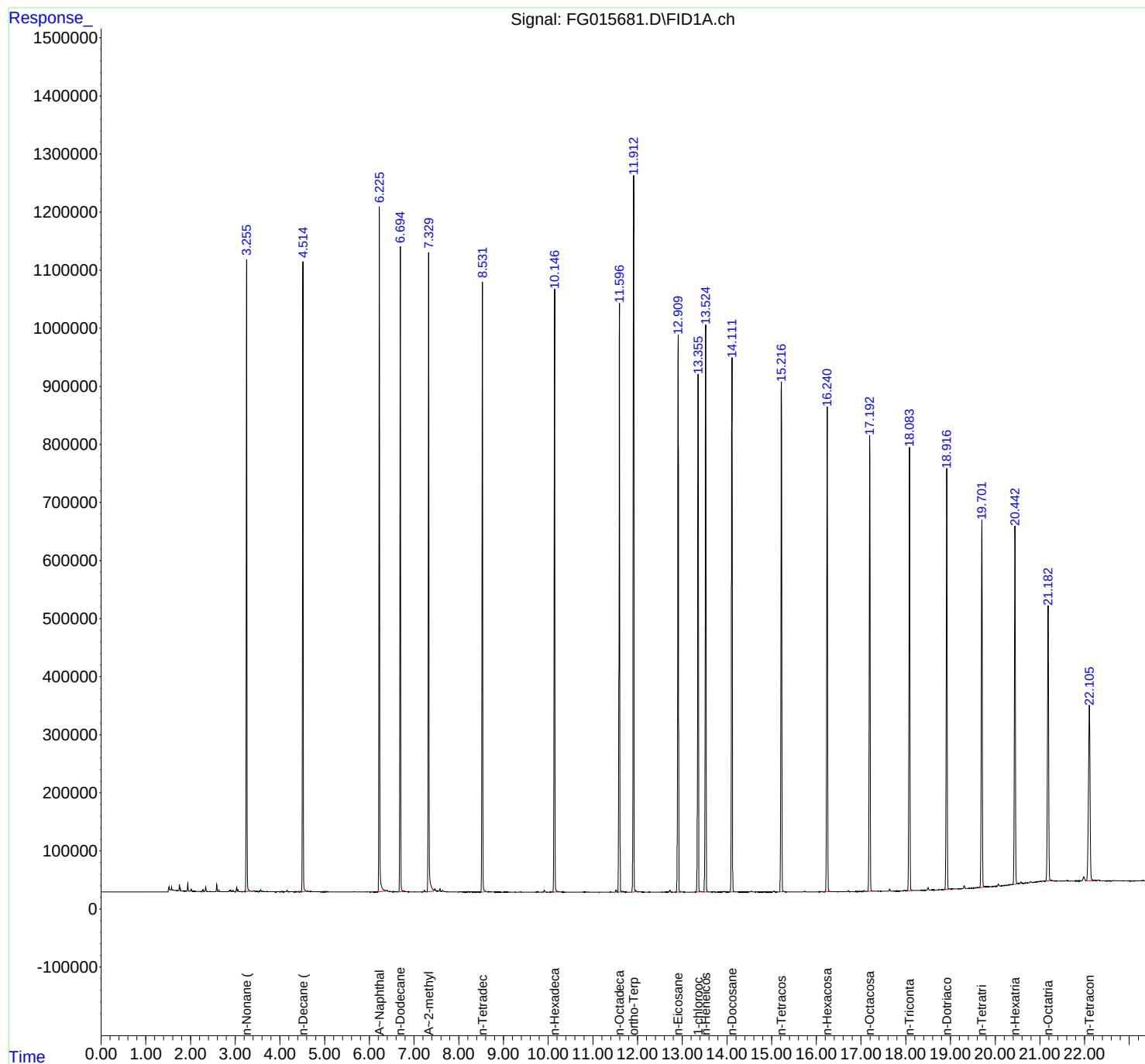
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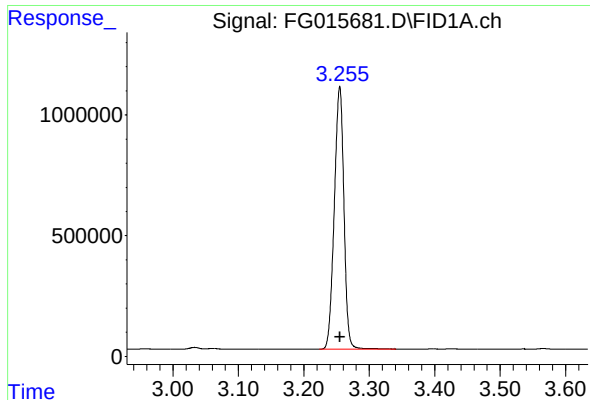
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
Data File : FG015681.D
Signal(s) : FID1A.ch
Acq On : 17 Apr 2025 10:19
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Apr 17 11:31:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
Quant Title : GC Extractables
QLast Update : Thu Apr 17 11:27:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

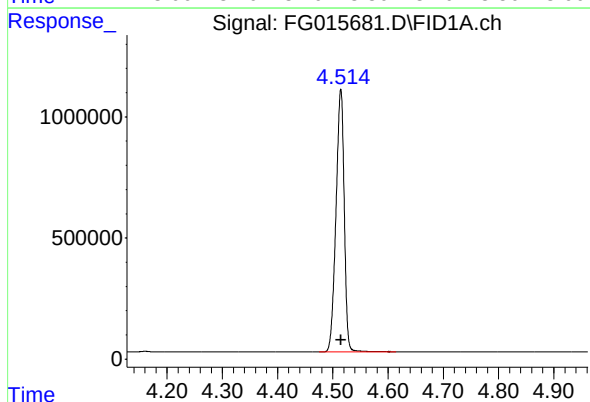
R.T.: 3.255 min
Delta R.T.: 0.000 min
Response: 11121165
Conc: 98.93 ug/ml

Instrument :

FID_G

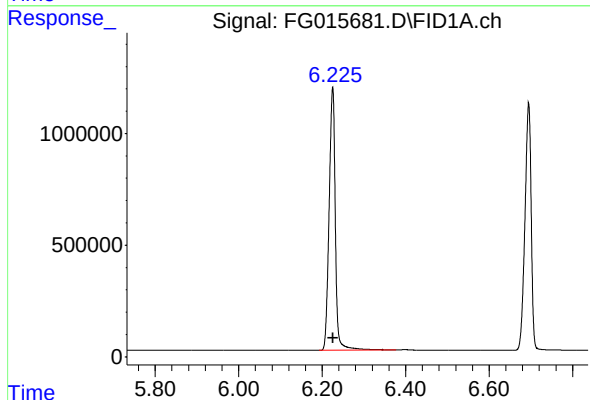
ClientSampleId :

100 PPM ALIPHATIC HC STD1



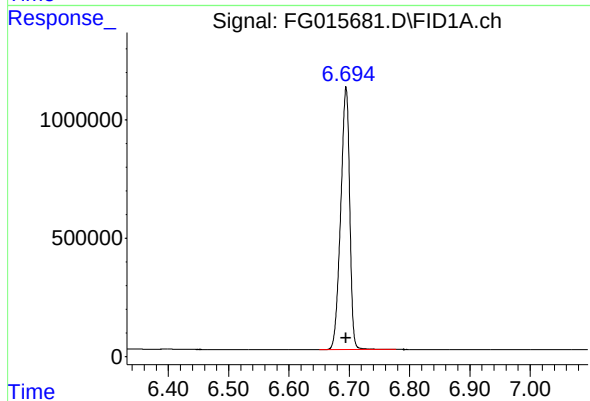
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 11235649
Conc: 99.01 ug/ml



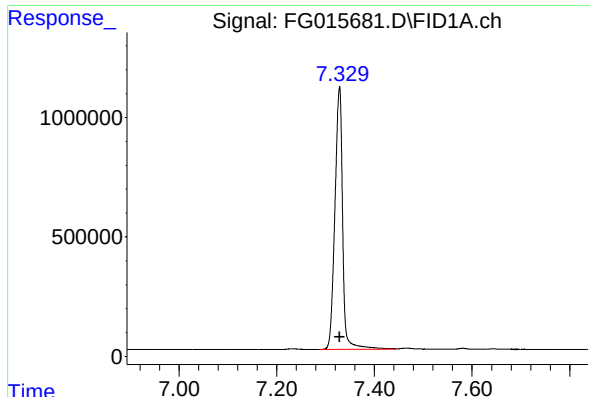
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 12188576
Conc: 100.80 ug/ml



#4 n-Dodecane (C12)

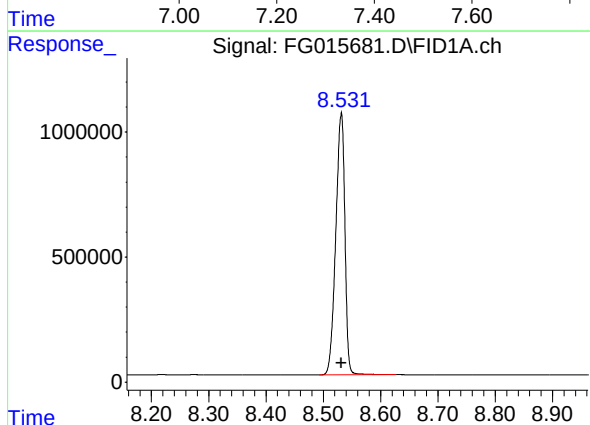
R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 11500400
Conc: 99.24 ug/ml



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

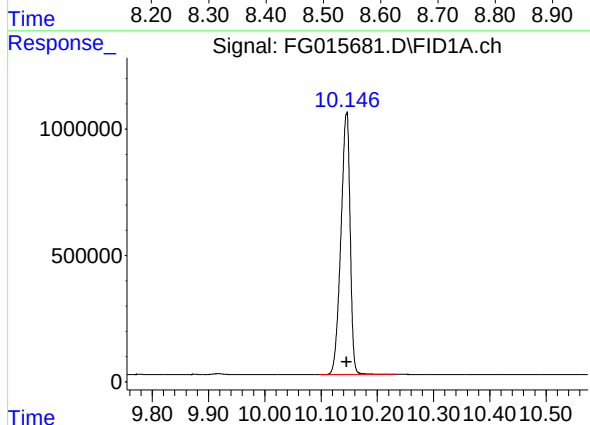
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 12095012
Conc: 101.82 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



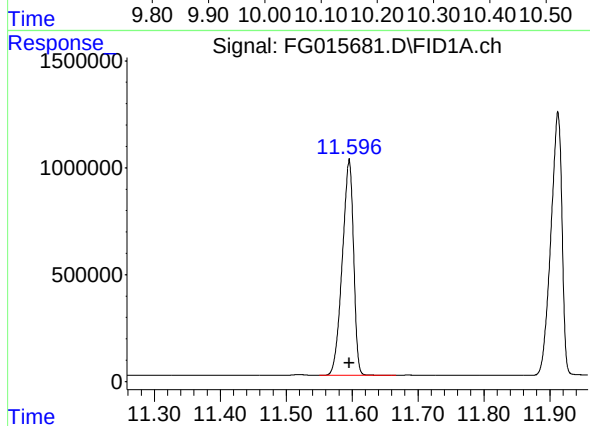
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 11559905
Conc: 99.46 ug/ml



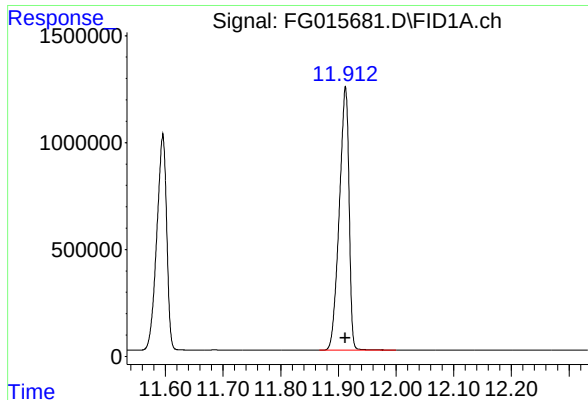
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: 0.000 min
Response: 11807857
Conc: 99.33 ug/ml



#8 n-Octadecane (C18)

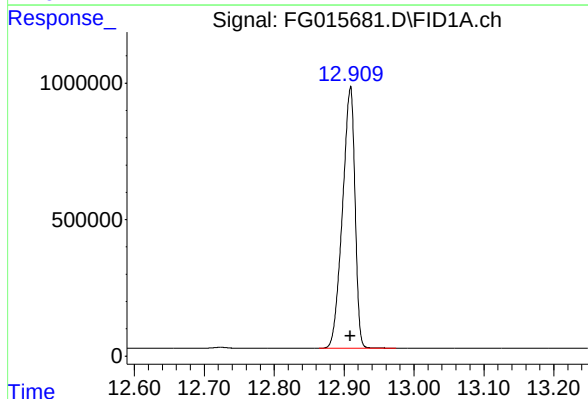
R.T.: 11.596 min
Delta R.T.: 0.000 min
Response: 12000754
Conc: 99.18 ug/ml



#9 ortho-Terphenyl (SURR)

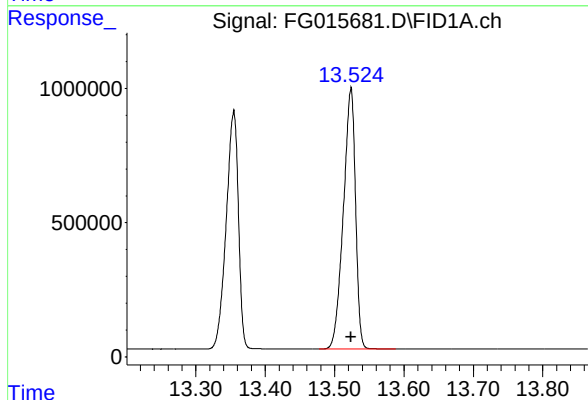
R.T.: 11.912 min
Delta R.T.: 0.000 min
Response: 14476535
Conc: 99.18 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



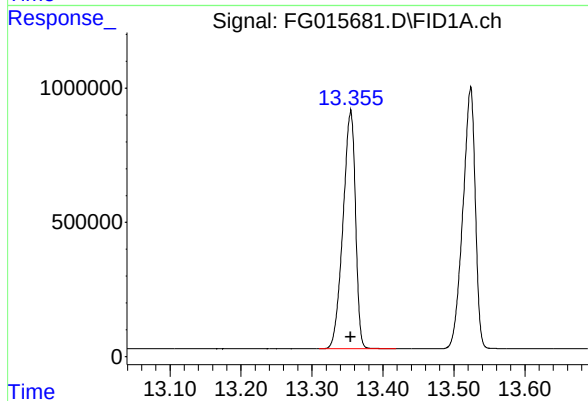
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 11910594
Conc: 99.25 ug/ml



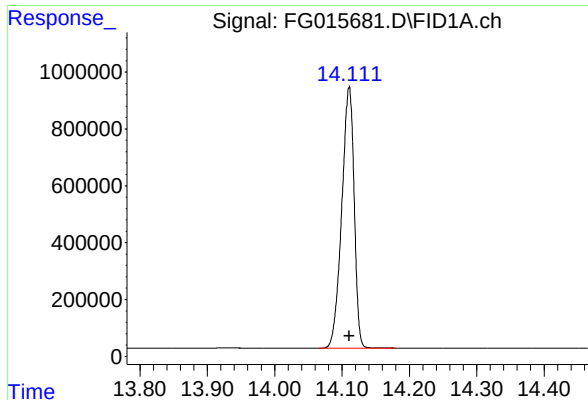
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.000 min
Response: 11851651
Conc: 99.36 ug/ml



#12 1-chlorooctadecane (SURR)

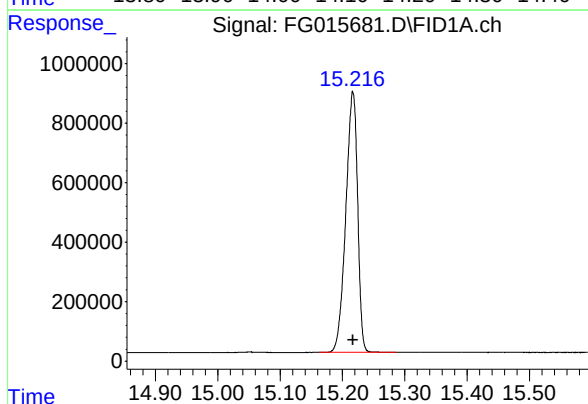
R.T.: 13.355 min
Delta R.T.: 0.000 min
Response: 10854674
Conc: 100.26 ug/ml



#13 n-Docosane (C22)

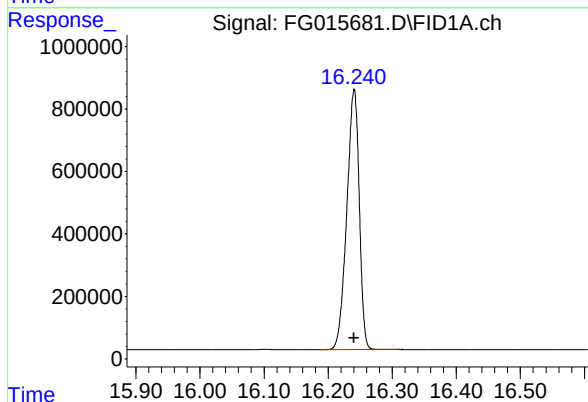
R.T.: 14.111 min
Delta R.T.: 0.000 min
Response: 11741802
Conc: 99.66 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



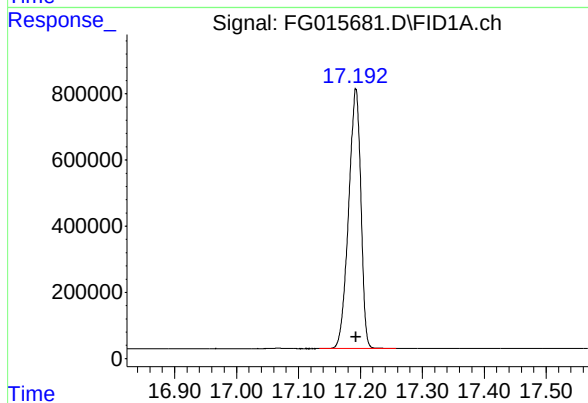
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: 0.000 min
Response: 11538467
Conc: 99.73 ug/ml



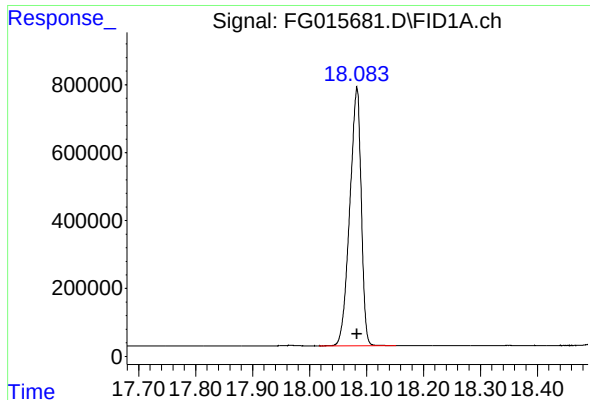
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 11206919
Conc: 99.88 ug/ml



#16 n-Octacosane (C28)

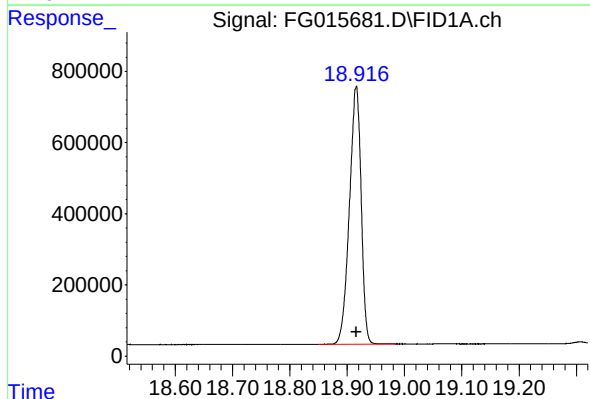
R.T.: 17.193 min
Delta R.T.: 0.000 min
Response: 10793710
Conc: 99.46 ug/ml



#17 n-Tricontane (C30)

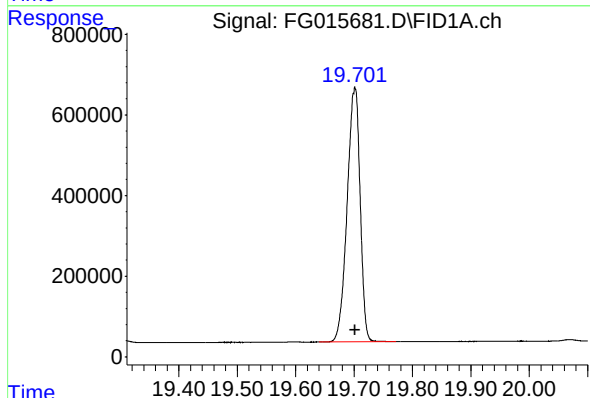
R.T.: 18.083 min
Delta R.T.: 0.000 min
Response: 10598523
Conc: 98.78 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



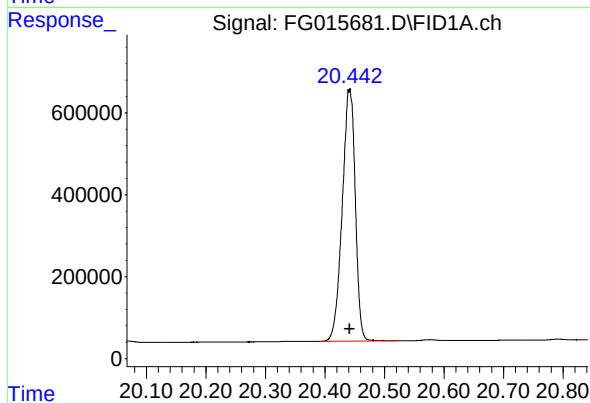
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: 0.000 min
Response: 10295134
Conc: 97.81 ug/ml



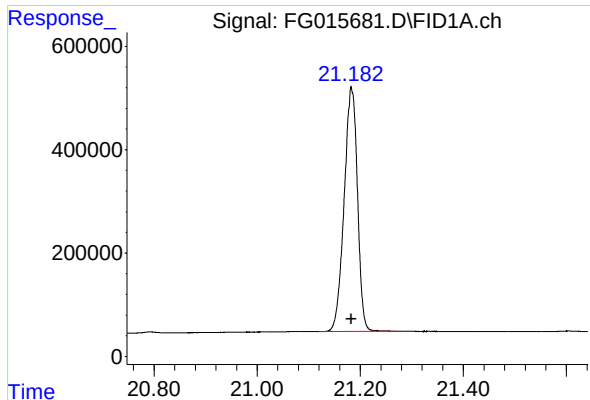
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: 0.000 min
Response: 9743201
Conc: 97.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.441 min
Delta R.T.: 0.000 min
Response: 9368678
Conc: 97.40 ug/ml



#21 n-Octatriacontane (C38)

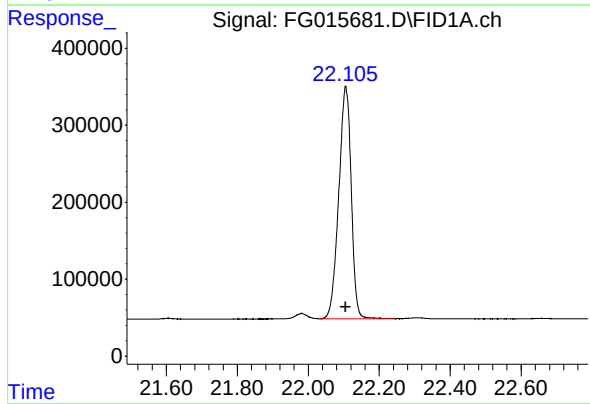
R.T.: 21.183 min
Delta R.T.: 0.000 min
Response: 8480278
Conc: 95.64 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: 0.000 min
Response: 7352614
Conc: 92.17 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
Data File : FG015681.D
Signal(s) : FID1A.ch
Acq On : 17 Apr 2025 10:19
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 041725.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	3.255	3.223	3.341	VB	1088070	11121165	76.82%	4.563%
2	4.515	4.475	4.614	BB	1084878	11235649	77.61%	4.610%
3	6.225	6.192	6.377	BV	1178917	12188576	84.20%	5.001%
4	6.695	6.650	6.778	BB	1107370	11500400	79.44%	4.719%
5	7.328	7.287	7.444	BV	1098500	12095012	83.55%	4.963%
6	8.531	8.492	8.627	BB	1050429	11559905	79.85%	4.743%
7	10.146	10.097	10.233	BB	1029369	11807857	81.57%	4.845%
8	11.596	11.550	11.667	PB	1013689	12000754	82.90%	4.924%
9	11.912	11.867	12.000	BB	1232534	14476535	100.00%	5.940%
10	12.909	12.864	12.974	BB	956059	11910594	82.28%	4.887%
11	13.355	13.310	13.418	BB	892148	10854674	74.98%	4.454%
12	13.524	13.478	13.588	BB	969473	11851651	81.87%	4.863%
13	14.111	14.066	14.180	BB	917691	11741802	81.11%	4.818%
14	15.217	15.163	15.286	BB	875229	11538467	79.70%	4.734%
15	16.241	16.186	16.306	BB	833526	11206919	77.41%	4.598%
16	17.193	17.133	17.258	BB	783350	10793710	74.56%	4.429%
17	18.083	18.017	18.152	BB	761541	10598523	73.21%	4.349%
18	18.916	18.851	18.985	BB	723416	10295134	71.12%	4.224%
19	19.702	19.640	19.772	BB	631000	9743201	67.30%	3.998%
20	20.441	20.390	20.519	BB	610351	9368678	64.72%	3.844%
21	21.183	21.120	21.269	BB	472410	8480278	58.58%	3.479%
22	22.105	22.030	22.247	VB	302277	7352614	50.79%	3.017%
Sum of corrected areas:						243722097		

Aliphatic EPH 041725.M Thu Apr 17 13:08:47 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015682.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 10:48
 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: Apr 17 11:32:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
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Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
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Spiked Amount 50.000		Recovery =	96.72%
12) S 1-chlorooctadecane (S...	13.349	5129455	48.222 ug/ml
Spiked Amount 50.000		Recovery =	96.44%
Target Compounds			
1) T n-Nonane (C9)	3.252	5417506	48.780 ug/ml
2) T n-Decane (C10)	4.511	5458297	48.716 ug/ml
3) T A~Naphthalene (C11.7)	6.222	5869529	49.017 ug/ml
4) T n-Dodecane (C12)	6.691	5580905	48.759 ug/ml
5) T A~2-methylnaphthalene...	7.324	5720586	48.757 ug/ml
6) T n-Tetradecane (C14)	8.527	5586051	48.691 ug/ml
7) T n-Hexadecane (C16)	10.141	5699508	48.613 ug/ml
8) T n-Octadecane (C18)	11.590	5777603	48.476 ug/ml
10) T n-Eicosane (C20)	12.904	5702097	48.315 ug/ml
11) T n-Heneicosane (C21)	13.517	5661018	48.279 ug/ml
13) T n-Docosane (C22)	14.105	5590457	48.270 ug/ml
14) T n-Tetracosane (C24)	15.212	5472034	48.166 ug/ml
15) T n-Hexacosane (C26)	16.236	5302439	48.139 ug/ml
16) T n-Octacosane (C28)	17.188	5120714	48.089 ug/ml
17) T n-Tricontane (C30)	18.077	5063434	48.093 ug/ml
18) T n-Dotriacontane (C32)	18.911	4965100	48.076 ug/ml
19) T n-Tetratriacontane (C34)	19.695	4732056	48.226 ug/ml
20) T n-Hexatriacontane (C36)	20.437	4596996	48.504 ug/ml
21) T n-Octatriacontane (C38)	21.179	4262251	48.696 ug/ml
22) T n-Tetracontane (C40)	22.100	3844920	48.785 ug/ml

(f)=RT Delta > 1/2 Window

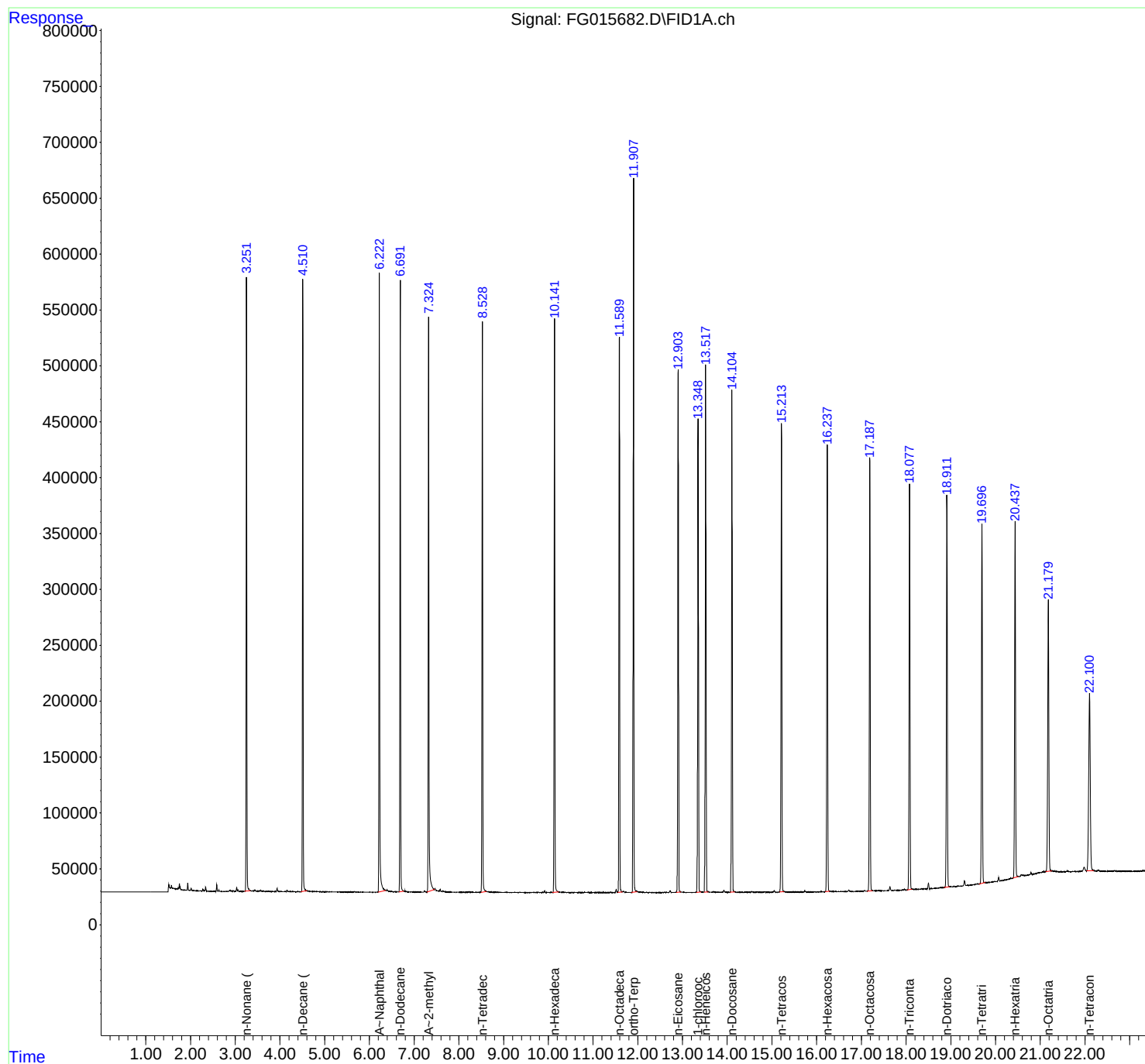
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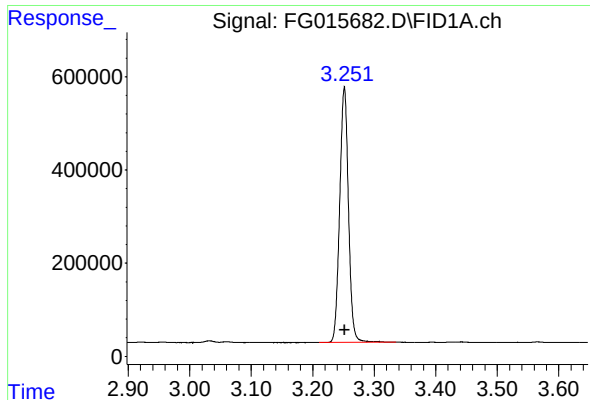
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
Data File : FG015682.D
Signal(s) : FID1A.ch
Acq On : 17 Apr 2025 10:48
Operator : YP\AJ
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Apr 17 11:32:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
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Signal Info : 20M x 0.18mm x 0.18um

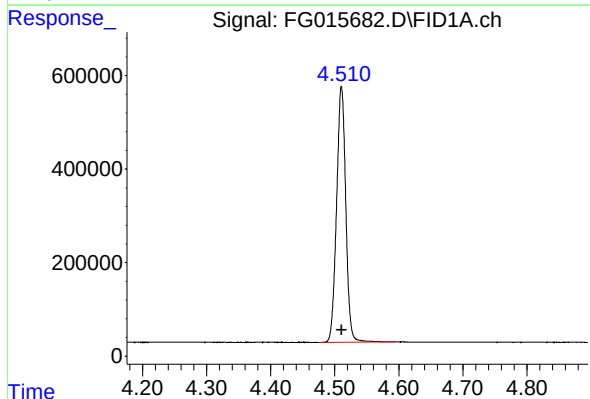




#1 n-Nonane (C9)

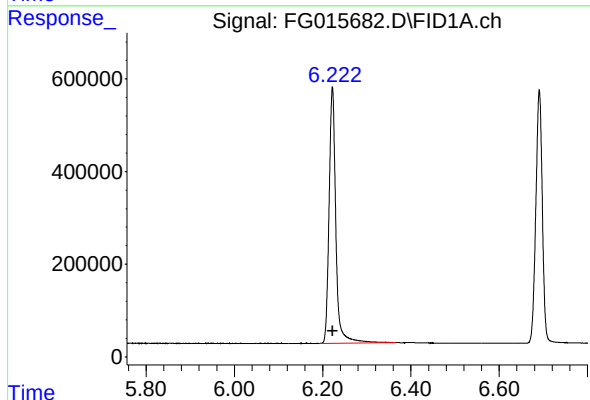
R.T.: 3.252 min
Delta R.T.: 0.000 min
Response: 5417506
Conc: 48.78 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



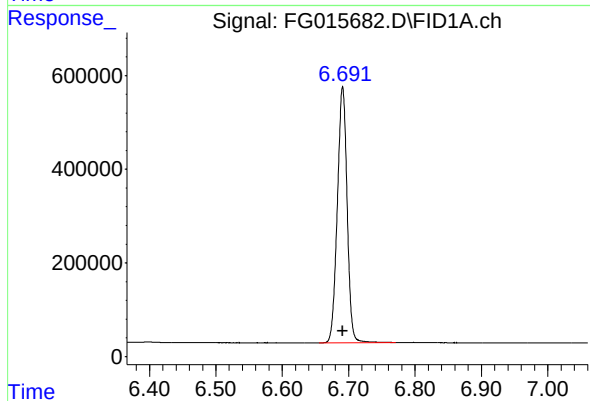
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 5458297
Conc: 48.72 ug/ml



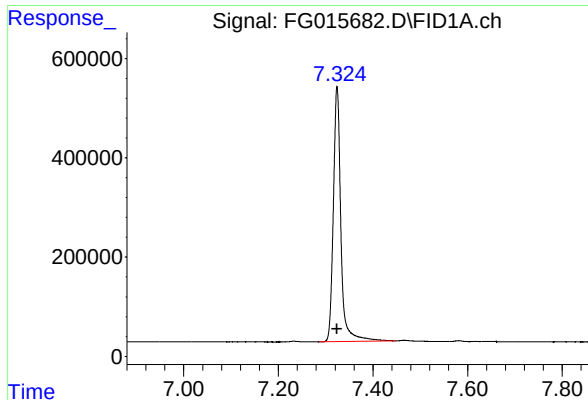
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: 0.000 min
Response: 5869529
Conc: 49.02 ug/ml



#4 n-Dodecane (C12)

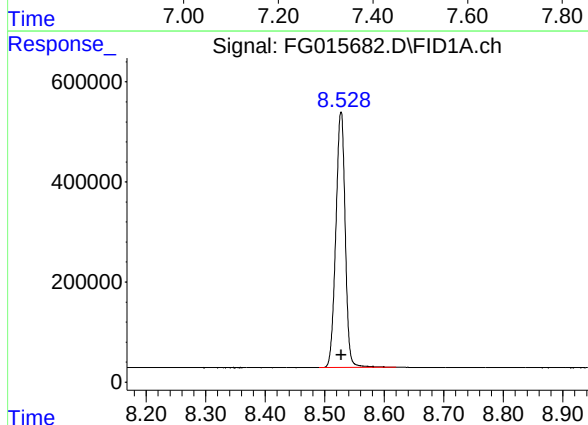
R.T.: 6.691 min
Delta R.T.: 0.000 min
Response: 5580905
Conc: 48.76 ug/ml



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

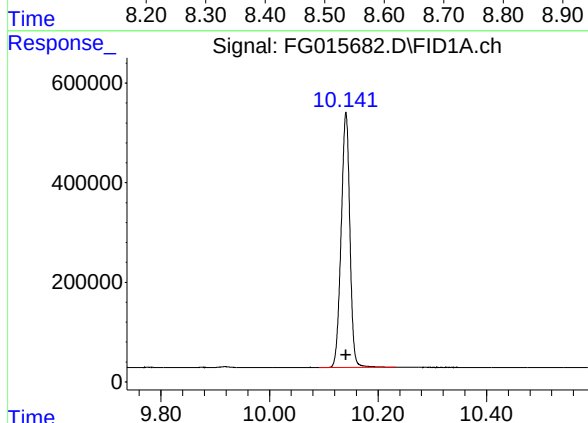
R.T.: 7.324 min
Delta R.T.: 0.000 min
Response: 5720586
Conc: 48.76 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



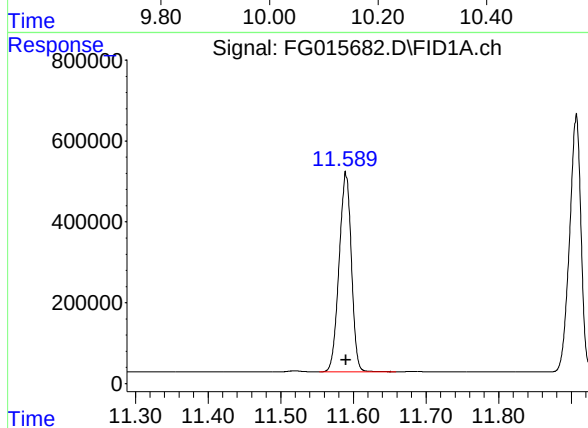
#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: 0.000 min
Response: 5586051
Conc: 48.69 ug/ml



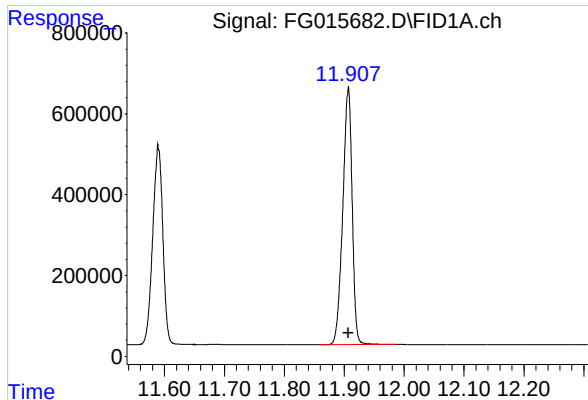
#7 n-Hexadecane (C16)

R.T.: 10.141 min
Delta R.T.: 0.000 min
Response: 5699508
Conc: 48.61 ug/ml



#8 n-Octadecane (C18)

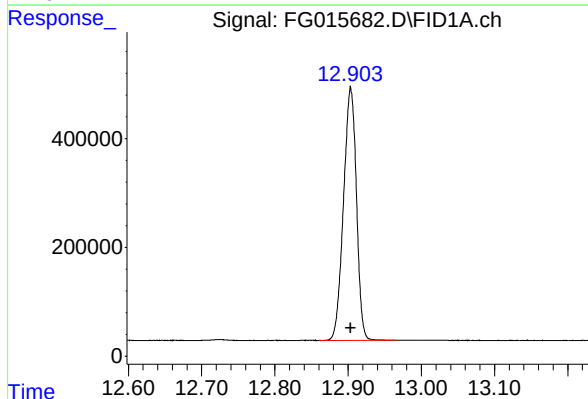
R.T.: 11.590 min
Delta R.T.: 0.000 min
Response: 5777603
Conc: 48.48 ug/ml



#9 ortho-Terphenyl (SURRE)

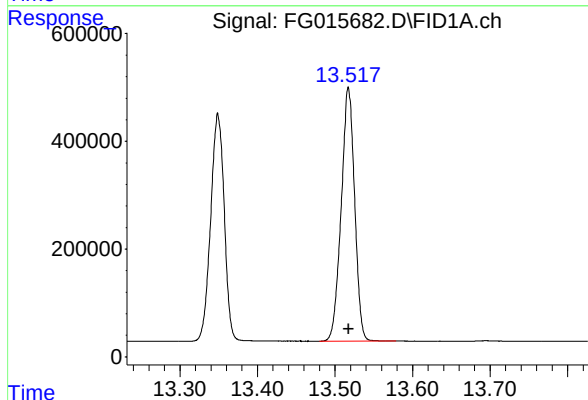
R.T.: 11.907 min
Delta R.T.: 0.000 min
Response: 6944637
Conc: 48.36 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



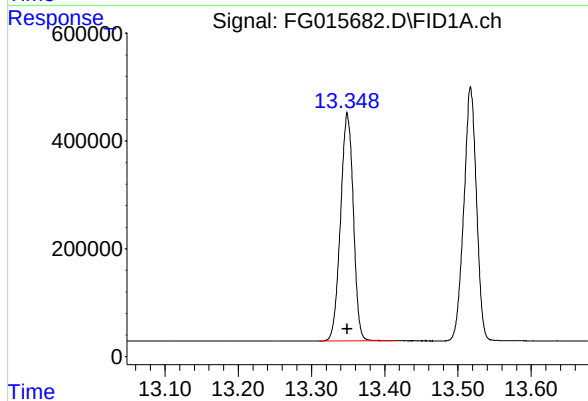
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: 0.000 min
Response: 5702097
Conc: 48.31 ug/ml



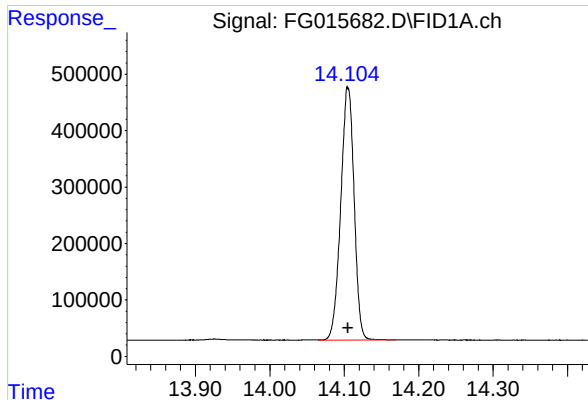
#11 n-Heneicosane (C21)

R.T.: 13.517 min
Delta R.T.: 0.000 min
Response: 5661018
Conc: 48.28 ug/ml



#12 1-chlorooctadecane (SURRE)

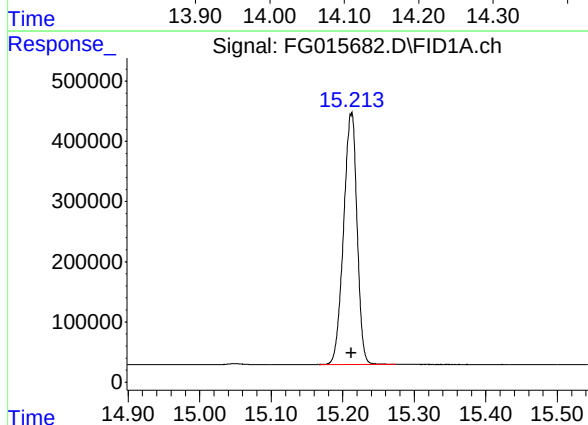
R.T.: 13.349 min
Delta R.T.: 0.000 min
Response: 5129455
Conc: 48.22 ug/ml



#13 n-Docosane (C22)

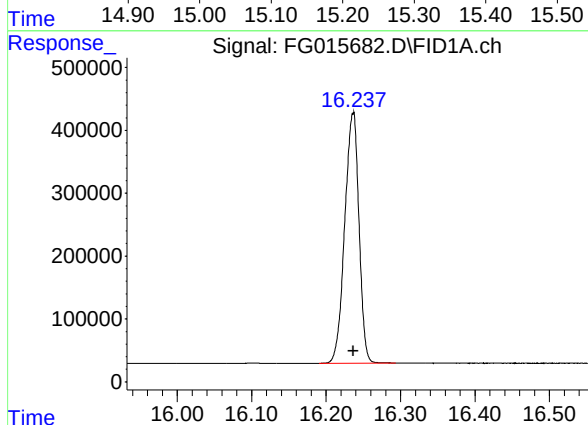
R.T.: 14.105 min
Delta R.T.: 0.000 min
Response: 5590457
Conc: 48.27 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



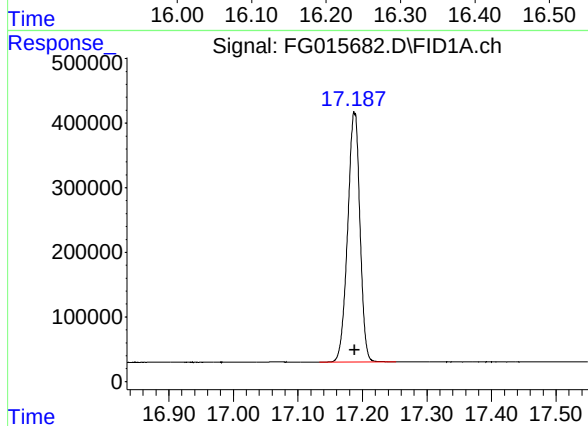
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: 0.000 min
Response: 5472034
Conc: 48.17 ug/ml



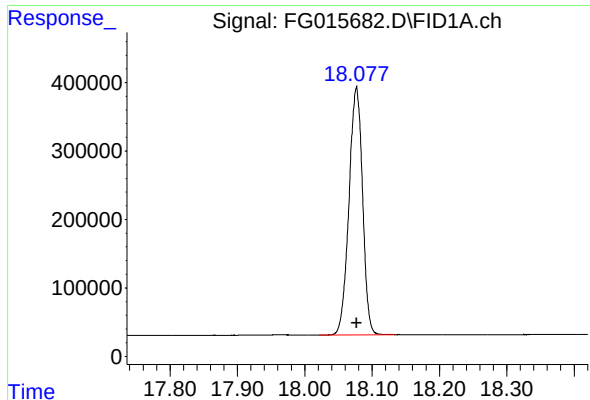
#15 n-Hexacosane (C26)

R.T.: 16.236 min
Delta R.T.: 0.000 min
Response: 5302439
Conc: 48.14 ug/ml



#16 n-Octacosane (C28)

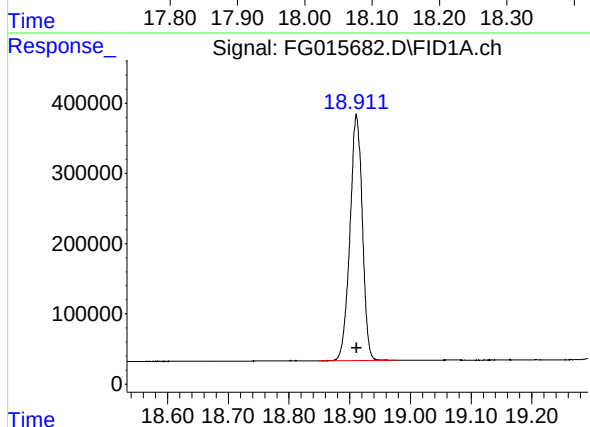
R.T.: 17.188 min
Delta R.T.: 0.000 min
Response: 5120714
Conc: 48.09 ug/ml



#17 n-Tricontane (C30)

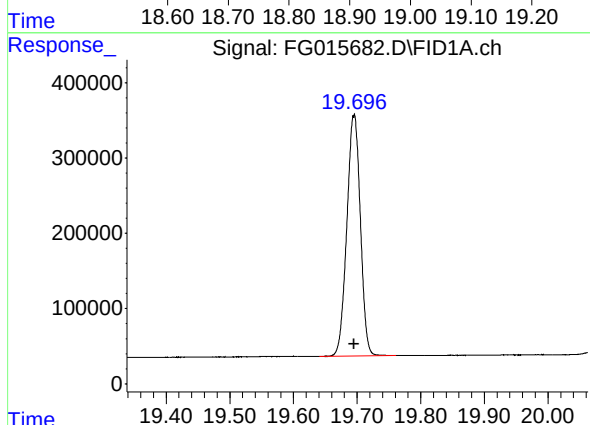
R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 5063434
Conc: 48.09 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



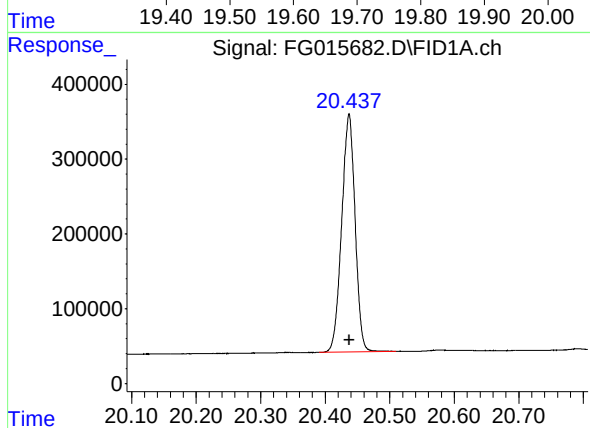
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: 0.000 min
Response: 4965100
Conc: 48.08 ug/ml



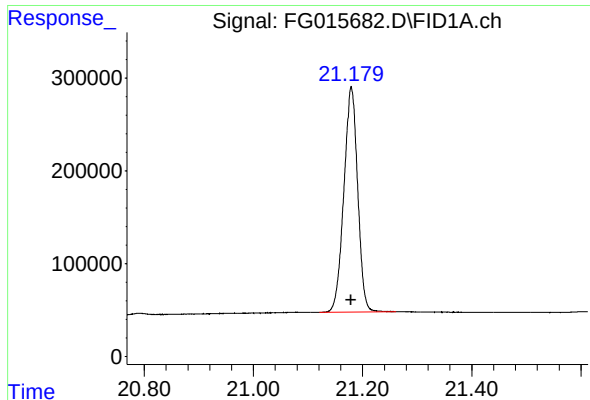
#19 n-Tetatriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.000 min
Response: 4732056
Conc: 48.23 ug/ml



#20 n-Hexatriacontane (C36)

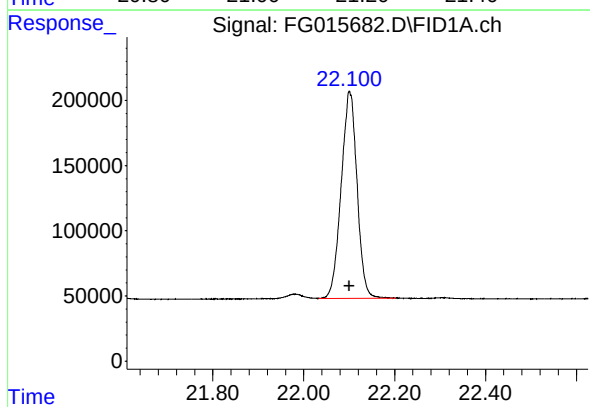
R.T.: 20.437 min
Delta R.T.: 0.000 min
Response: 4596996
Conc: 48.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: 0.000 min
Response: 4262251
Conc: 48.70 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: 0.000 min
Response: 3844920
Conc: 48.79 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015682.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 10:48
 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 041725.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	3.252	3.210	3.335	BB	550156	5417506	78.01%	4.611%
2	4.511	4.475	4.595	BB	547288	5458297	78.60%	4.645%
3	6.222	6.192	6.366	BB	553675	5869529	84.52%	4.995%
4	6.691	6.655	6.771	BB	546917	5580905	80.36%	4.750%
5	7.324	7.286	7.449	BV	513841	5720586	82.37%	4.869%
6	8.527	8.490	8.620	BB	510866	5586051	80.44%	4.754%
7	10.141	10.091	10.233	BB	512275	5699508	82.07%	4.851%
8	11.590	11.553	11.659	BB	489241	5777603	83.20%	4.917%
9	11.907	11.858	11.986	BB	638653	6944637	100.00%	5.910%
10	12.904	12.860	12.965	BB	464937	5702097	82.11%	4.853%
11	13.349	13.310	13.415	BB	422937	5129455	73.86%	4.366%
12	13.517	13.480	13.579	BB	471455	5661018	81.52%	4.818%
13	14.105	14.066	14.170	BB	444385	5590457	80.50%	4.758%
14	15.212	15.167	15.275	BB	414907	5472034	78.80%	4.657%
15	16.236	16.190	16.294	BB	396669	5302439	76.35%	4.513%
16	17.188	17.133	17.252	BB	384366	5120714	73.74%	4.358%
17	18.077	18.021	18.135	BB	361945	5063434	72.91%	4.309%
18	18.911	18.850	18.976	BB	350003	4965100	71.50%	4.226%
19	19.695	19.640	19.761	BB	318857	4732056	68.14%	4.027%
20	20.437	20.390	20.510	BB	318588	4596996	66.19%	3.912%
21	21.179	21.120	21.261	BB	242964	4262251	61.37%	3.628%
22	22.100	22.034	22.203	BB	158927	3844920	55.37%	3.272%
Sum of corrected areas:						117497592		

Aliphatic EPH 041725.M Thu Apr 17 13:09:11 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015683.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 11:17
 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: Apr 17 11:29:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 17 11:27:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.903	2943016	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.347	2159631	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.250	2272324	20.000 ug/ml
2) T n-Decane (C10)	4.509	2292204	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.221	2399222	20.000 ug/ml
4) T n-Dodecane (C12)	6.689	2335123	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.323	2332409	20.000 ug/ml
6) T n-Tetradecane (C14)	8.525	2337010	20.000 ug/ml
7) T n-Hexadecane (C16)	10.139	2393242	20.000 ug/ml
8) T n-Octadecane (C18)	11.586	2439955	20.000 ug/ml
10) T n-Eicosane (C20)	12.901	2418201	20.000 ug/ml
11) T n-Heneicosane (C21)	13.514	2400671	20.000 ug/ml
13) T n-Docosane (C22)	14.103	2364428	20.000 ug/ml
14) T n-Tetracosane (C24)	15.208	2320026	20.000 ug/ml
15) T n-Hexacosane (C26)	16.233	2246550	20.000 ug/ml
16) T n-Octacosane (C28)	17.185	2182018	20.000 ug/ml
17) T n-Tricontane (C30)	18.075	2171935	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.910	2151435	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.695	2045868	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.435	1973962	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.178	1850673	20.000 ug/ml
22) T n-Tetracontane (C40)	22.099	1720310	20.000 ug/ml

(f)=RT Delta > 1/2 Window

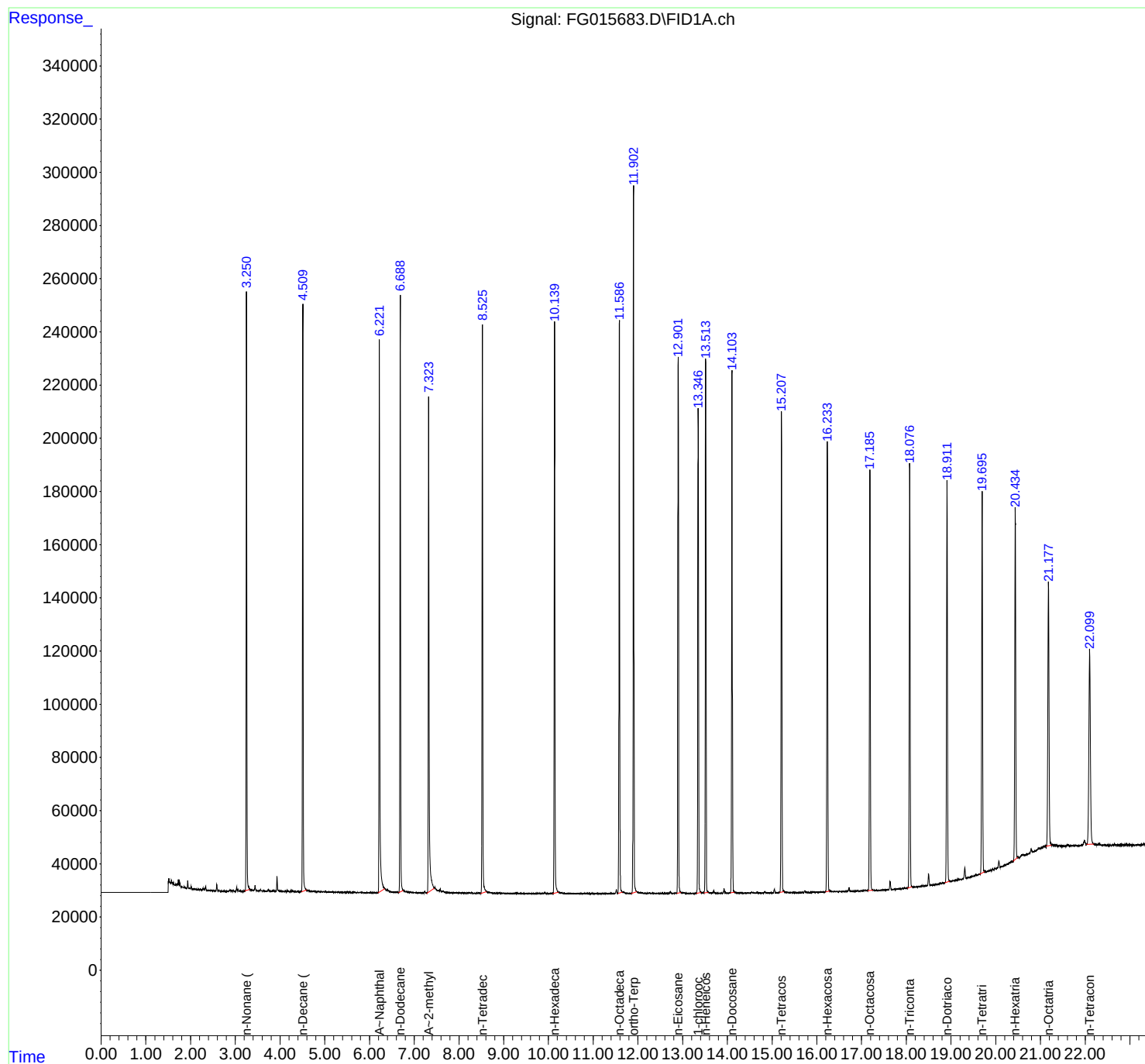
(m)=manual int.

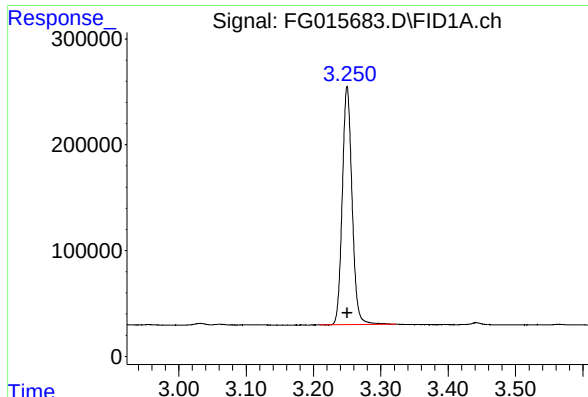
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
Data File : FG015683.D
Signal(s) : FID1A.ch
Acq On : 17 Apr 2025 11:17
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Apr 17 11:29:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
Quant Title : GC Extractables
QLast Update : Thu Apr 17 11:27:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

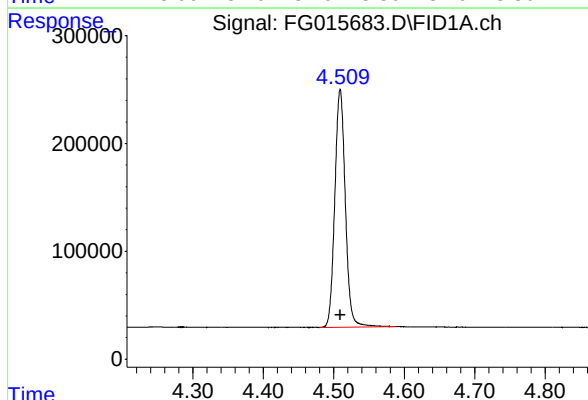




#1 n-Nonane (C9)

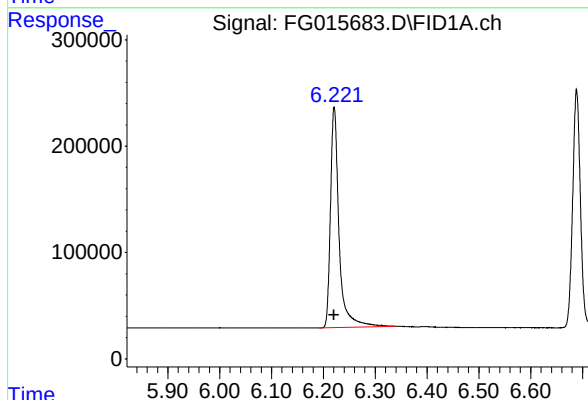
R.T.: 3.250 min
Delta R.T.: 0.000 min
Response: 2272324
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



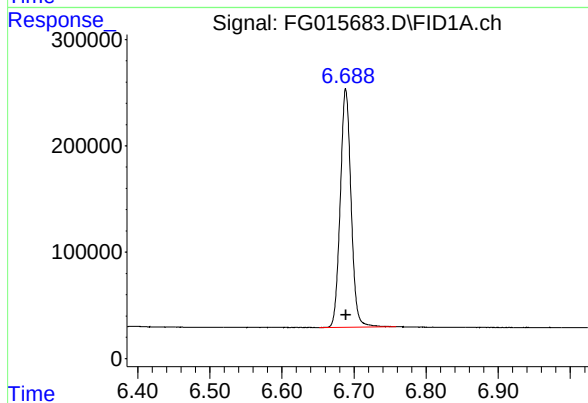
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.000 min
Response: 2292204
Conc: 20.00 ug/ml



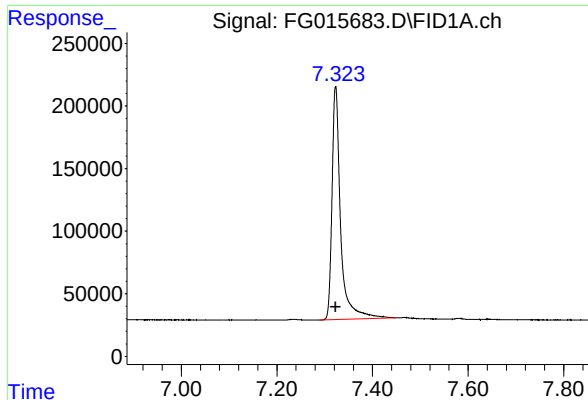
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 2399222
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

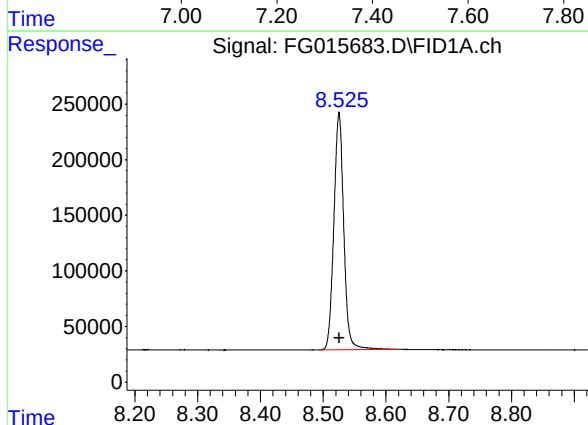
R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 2335123
Conc: 20.00 ug/ml



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

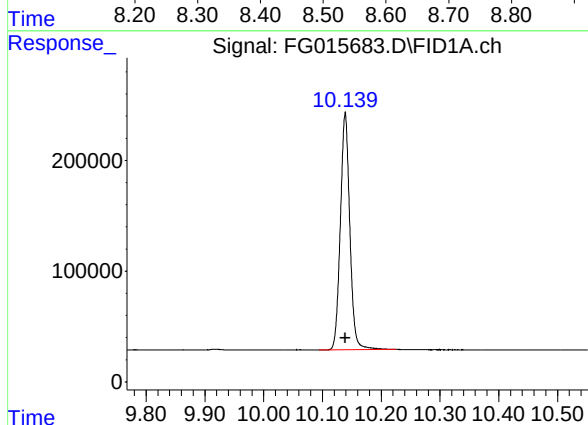
R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 2332409
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



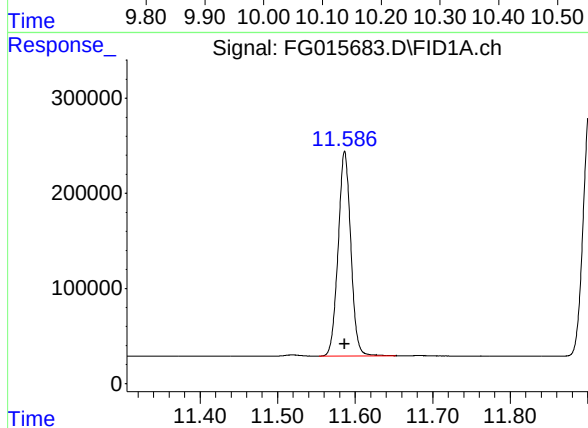
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 2337010
Conc: 20.00 ug/ml



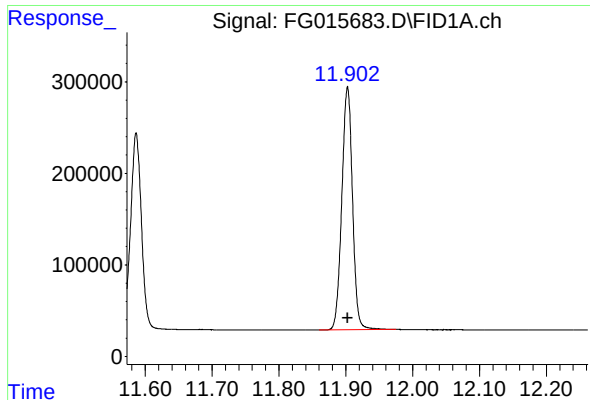
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 2393242
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

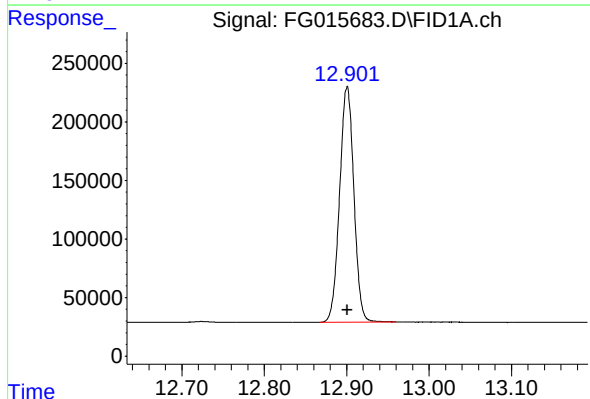
R.T.: 11.586 min
Delta R.T.: 0.000 min
Response: 2439955
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

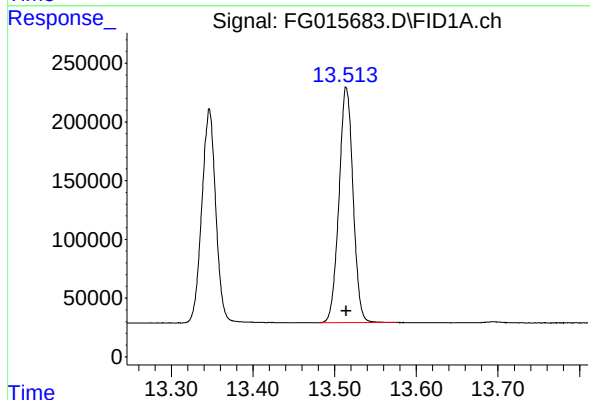
R.T.: 11.903 min
Delta R.T.: 0.000 min
Response: 2943016
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



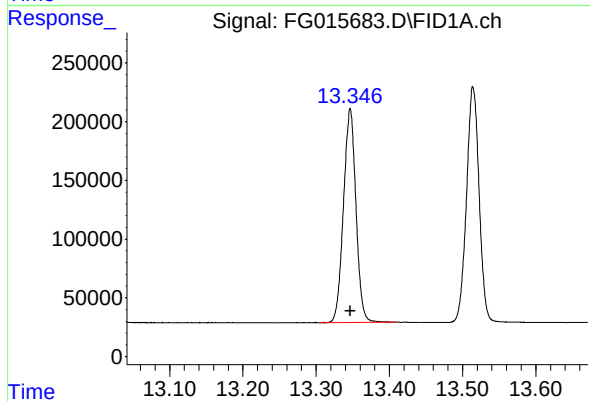
#10 n-Eicosane (C20)

R.T.: 12.901 min
Delta R.T.: 0.000 min
Response: 2418201
Conc: 20.00 ug/ml



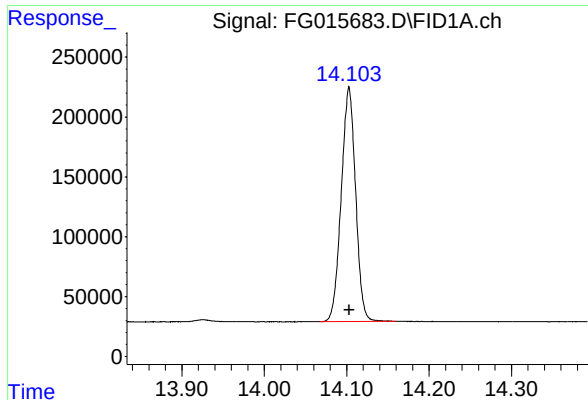
#11 n-Heneicosane (C21)

R.T.: 13.514 min
Delta R.T.: 0.000 min
Response: 2400671
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

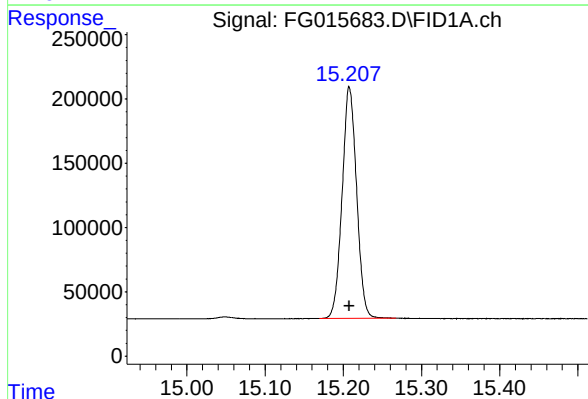
R.T.: 13.347 min
Delta R.T.: 0.000 min
Response: 2159631
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

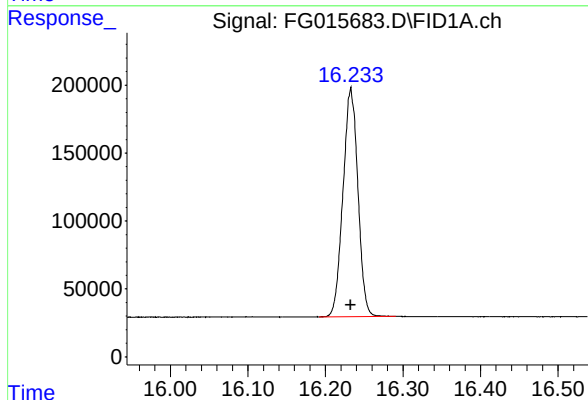
R.T.: 14.103 min
Delta R.T.: 0.000 min
Response: 2364428
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



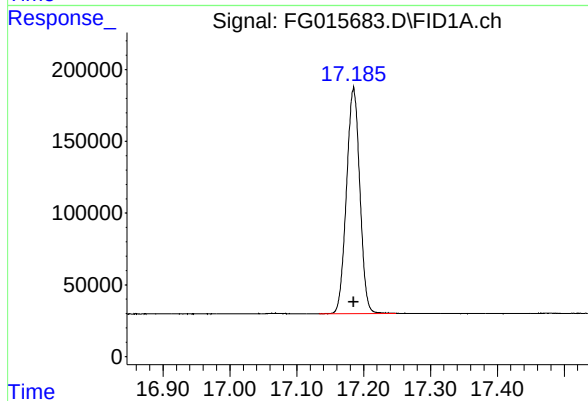
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: 0.000 min
Response: 2320026
Conc: 20.00 ug/ml



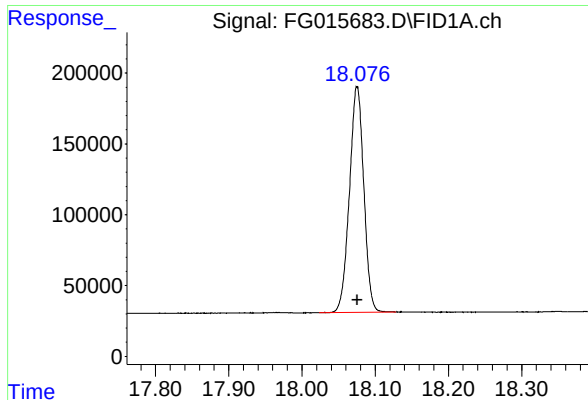
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: 0.000 min
Response: 2246550
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

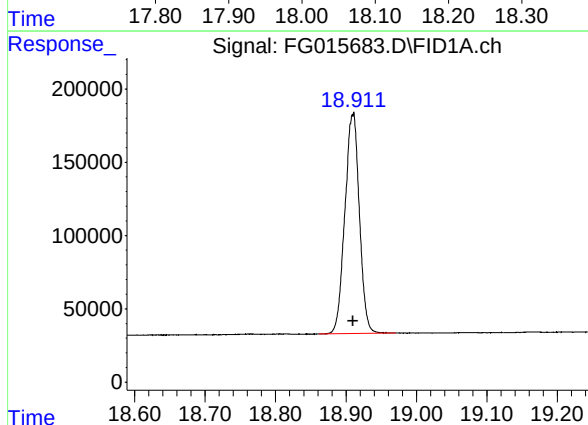
R.T.: 17.185 min
Delta R.T.: 0.000 min
Response: 2182018
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

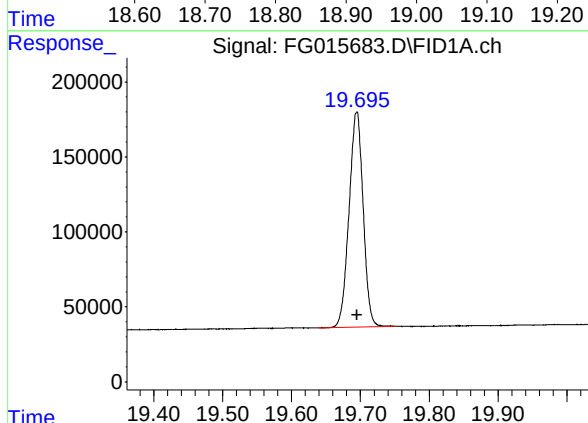
R.T.: 18.075 min
Delta R.T.: 0.000 min
Response: 2171935
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



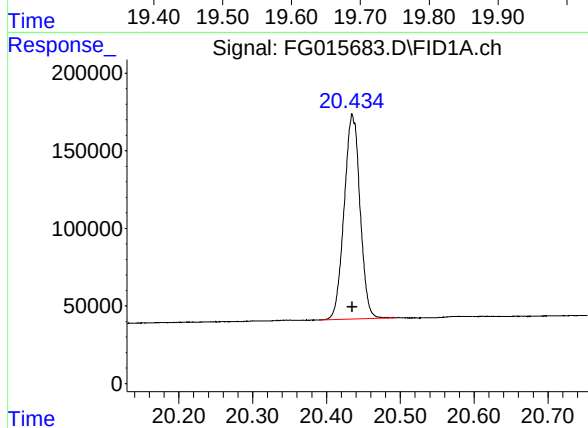
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.000 min
Response: 2151435
Conc: 20.00 ug/ml



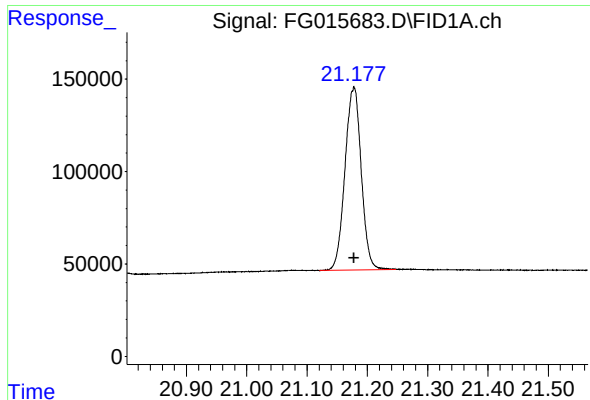
#19 n-Tetatriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.000 min
Response: 2045868
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

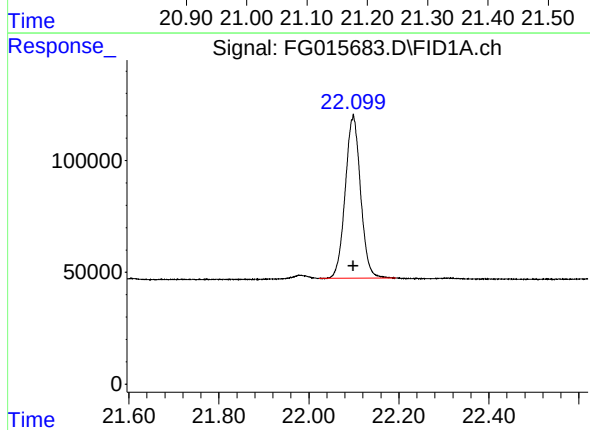
R.T.: 20.435 min
Delta R.T.: 0.000 min
Response: 1973962
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: 0.000 min
Response: 1850673
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: 0.000 min
Response: 1720310
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015683.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 11:17
 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 041725.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	3.250	3.208	3.323	BB	225105	2272324	77.21%	4.567%
2	4.509	4.479	4.588	BB	220686	2292204	77.89%	4.607%
3	6.221	6.192	6.340	BB	207510	2399222	81.52%	4.823%
4	6.689	6.652	6.758	BB	224227	2335123	79.34%	4.694%
5	7.323	7.288	7.449	BB	186368	2332409	79.25%	4.688%
6	8.525	8.493	8.616	BB	213193	2337010	79.41%	4.697%
7	10.139	10.094	10.225	BB	214861	2393242	81.32%	4.811%
8	11.587	11.553	11.653	BB	215381	2439955	82.91%	4.904%
9	11.903	11.860	11.975	BB	265409	2943016	100.00%	5.916%
10	12.901	12.867	12.960	BB	201399	2418201	82.17%	4.861%
11	13.347	13.304	13.409	BB	182043	2159631	73.38%	4.341%
12	13.514	13.481	13.575	BB	200127	2400671	81.57%	4.825%
13	14.103	14.067	14.160	BB	196448	2364428	80.34%	4.753%
14	15.208	15.169	15.268	BB	180149	2320026	78.83%	4.663%
15	16.233	16.192	16.291	BB	168157	2246550	76.33%	4.516%
16	17.185	17.133	17.248	BB	157575	2182018	74.14%	4.386%
17	18.075	18.023	18.128	BB	159007	2171935	73.80%	4.366%
18	18.910	18.862	18.971	BB	148629	2151435	73.10%	4.324%
19	19.695	19.640	19.752	BB	143165	2045868	69.52%	4.112%
20	20.435	20.390	20.494	BB	131807	1973962	67.07%	3.968%
21	21.178	21.120	21.248	BB	98877	1850673	62.88%	3.720%
22	22.099	22.023	22.193	BB	73359	1720310	58.45%	3.458%
Sum of corrected areas:						49750214		

Aliphatic EPH 041725.M Thu Apr 17 13:09:33 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015684.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 11:47
 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: Apr 17 12:03:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 17 12:02:51 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)	11.901	1487271	10.265 ug/ml
Spiked Amount 50.000		Recovery =	20.53%
12) S 1-chlorooctadecane (S...	13.346	1069588	10.041 ug/ml
Spiked Amount 50.000		Recovery =	20.08%
Target Compounds			
1) T n-Nonane (C9)	3.249	1135762	10.169 ug/ml
2) T n-Decane (C10)	4.509	1131960	10.077 ug/ml
3) T A~Naphthalene (C11.7)	6.223	1155525	9.735 ug/ml
4) T n-Dodecane (C12)	6.689	1158246	10.089 ug/ml
5) T A~2-methylnaphthalene...	7.325	1105453	9.560 ug/ml
6) T n-Tetradecane (C14)	8.524	1154694	10.049 ug/ml
7) T n-Hexadecane (C16)	10.139	1190078	10.112 ug/ml
8) T n-Octadecane (C18)	11.586	1224437	10.204 ug/ml
10) T n-Eicosane (C20)	12.900	1220512	10.254 ug/ml
11) T n-Heneicosane (C21)	13.514	1212827	10.255 ug/ml
13) T n-Docosane (C22)	14.102	1199272	10.264 ug/ml
14) T n-Tetracosane (C24)	15.208	1211987	10.493 ug/ml
15) T n-Hexacosane (C26)	16.233	1183059	10.545 ug/ml
16) T n-Octacosane (C28)	17.184	1158263	10.644 ug/ml
17) T n-Tricontane (C30)	18.074	1164012	10.772 ug/ml
18) T n-Dotriacontane (C32)	18.908	1146962	10.807 ug/ml
19) T n-Tetratriacontane (C34)	19.694	1068003	10.649 ug/ml
20) T n-Hexatriacontane (C36)	20.434	1002181	10.425 ug/ml
21) T n-Octatriacontane (C38)	21.176	940463	10.548 ug/ml
22) T n-Tetracontane (C40)	22.098	895577	10.989 ug/ml

(f)=RT Delta > 1/2 Window

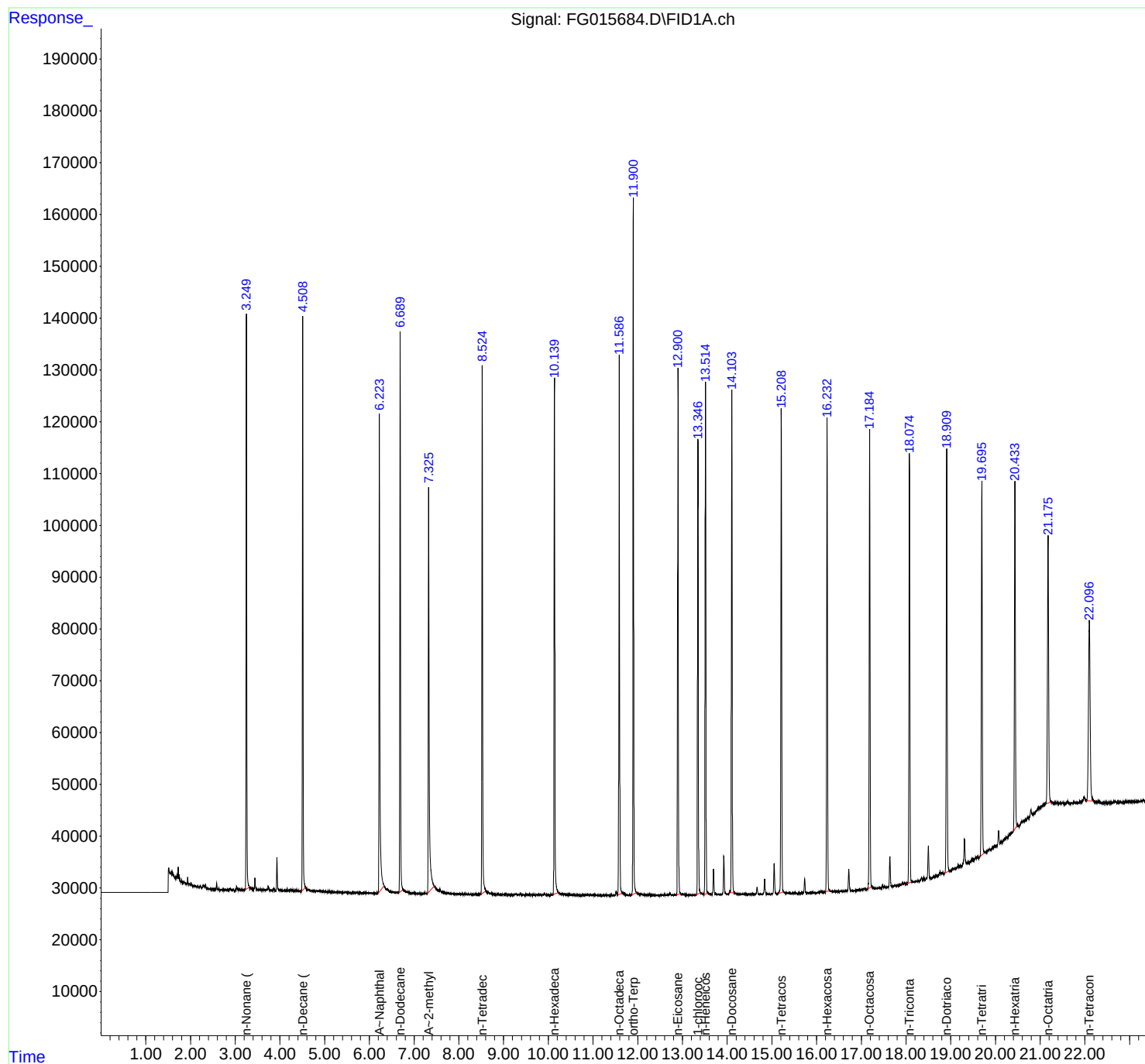
(m)=manual int.

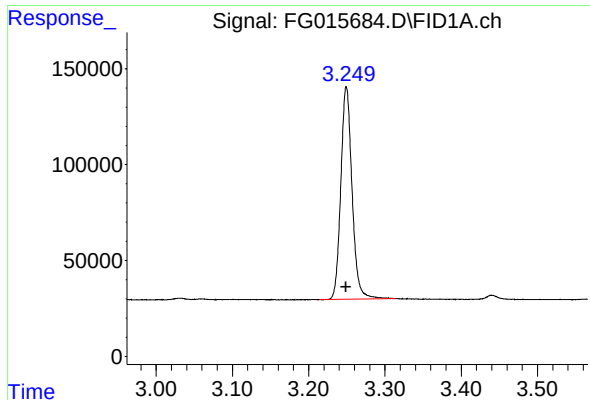
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
Data File : FG015684.D
Signal(s) : FID1A.ch
Acq On : 17 Apr 2025 11:47
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Apr 17 12:03:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
Quant Title : GC Extractables
QLast Update : Thu Apr 17 12:02:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

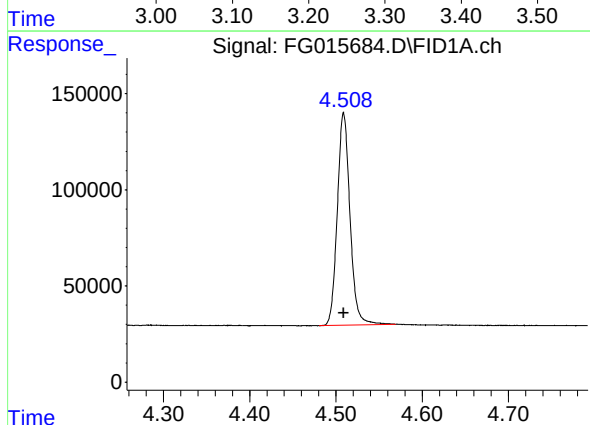




#1 n-Nonane (C9)

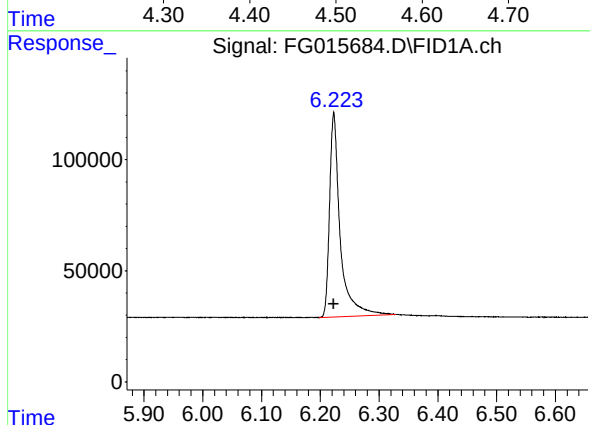
R.T.: 3.249 min
Delta R.T.: 0.000 min
Response: 1135762
Conc: 10.17 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



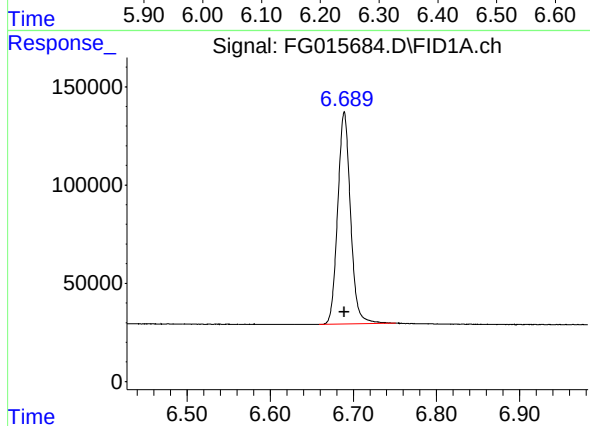
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 1131960
Conc: 10.08 ug/ml



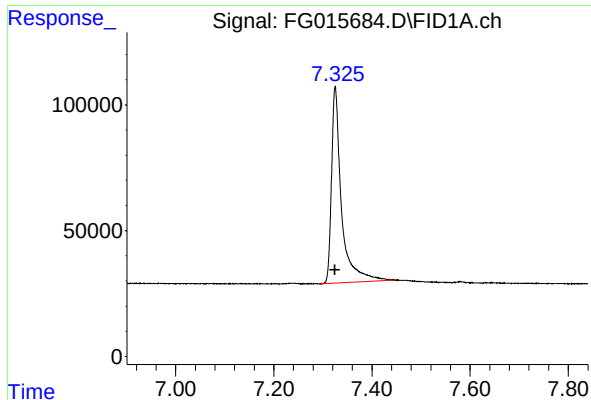
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 1155525
Conc: 9.74 ug/ml



#4 n-Dodecane (C12)

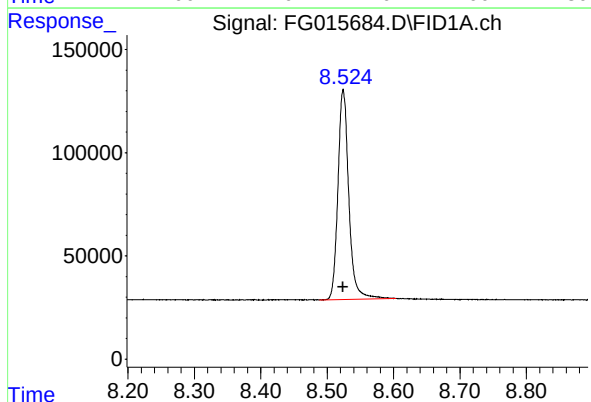
R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 1158246
Conc: 10.09 ug/ml



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

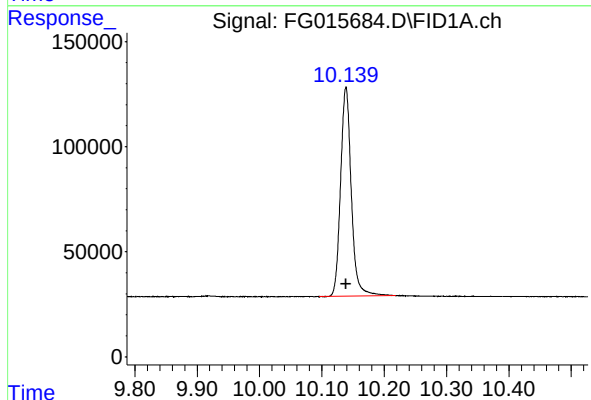
R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 1105453
Conc: 9.56 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



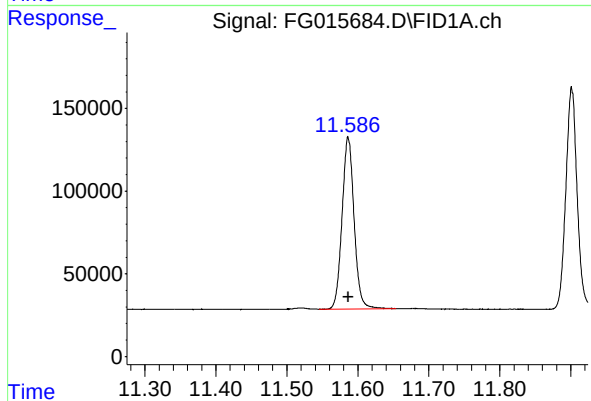
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: 0.000 min
Response: 1154694
Conc: 10.05 ug/ml



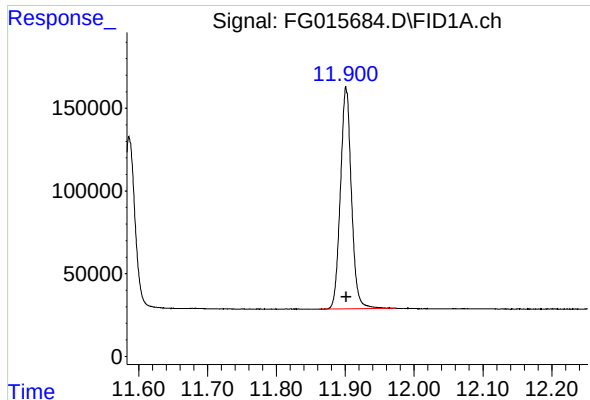
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 1190078
Conc: 10.11 ug/ml



#8 n-Octadecane (C18)

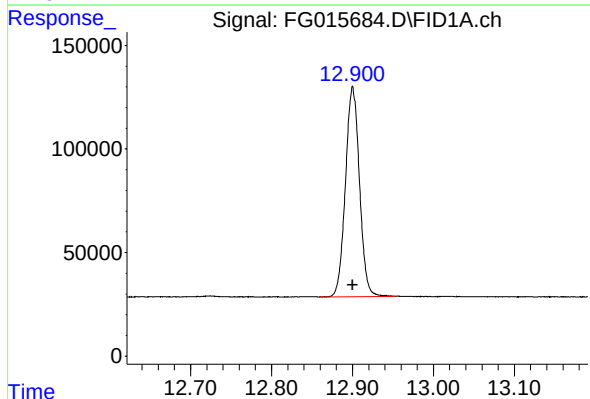
R.T.: 11.586 min
Delta R.T.: 0.000 min
Response: 1224437
Conc: 10.20 ug/ml



#9 ortho-Terphenyl (SURR)

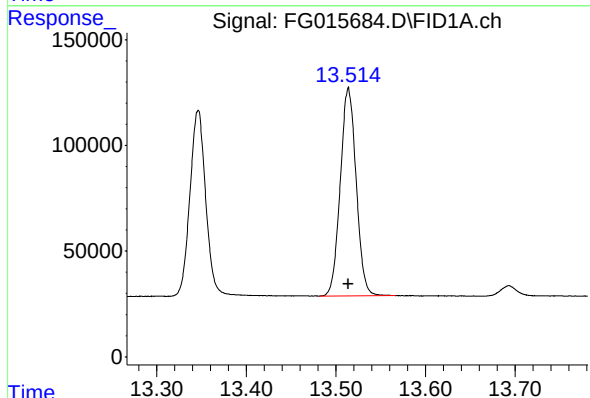
R.T.: 11.901 min
Delta R.T.: 0.000 min
Response: 1487271
Conc: 10.27 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



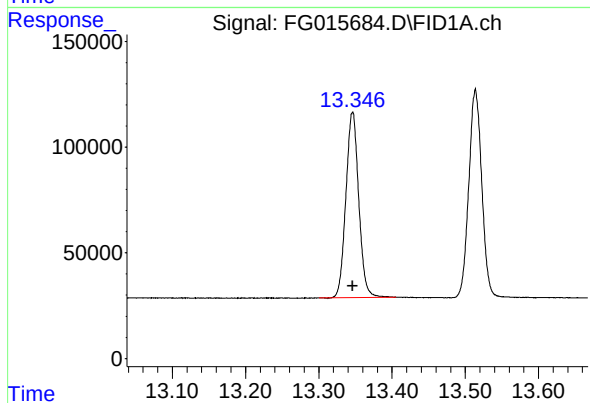
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: 0.000 min
Response: 1220512
Conc: 10.25 ug/ml



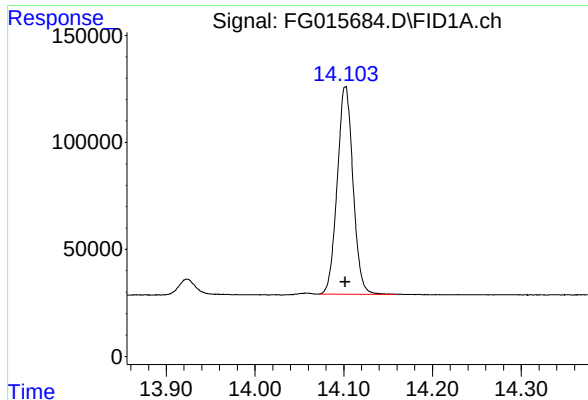
#11 n-Heneicosane (C21)

R.T.: 13.514 min
Delta R.T.: 0.000 min
Response: 1212827
Conc: 10.26 ug/ml



#12 1-chlorooctadecane (SURR)

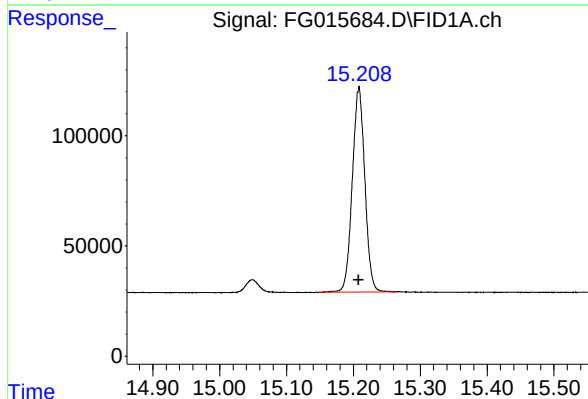
R.T.: 13.346 min
Delta R.T.: 0.000 min
Response: 1069588
Conc: 10.04 ug/ml



#13 n-Docosane (C22)

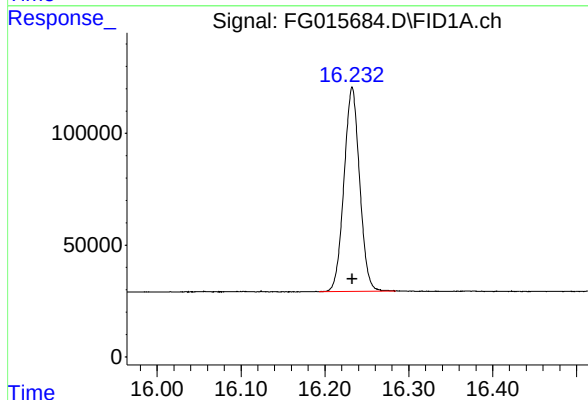
R.T.: 14.102 min
Delta R.T.: 0.000 min
Response: 1199272
Conc: 10.26 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



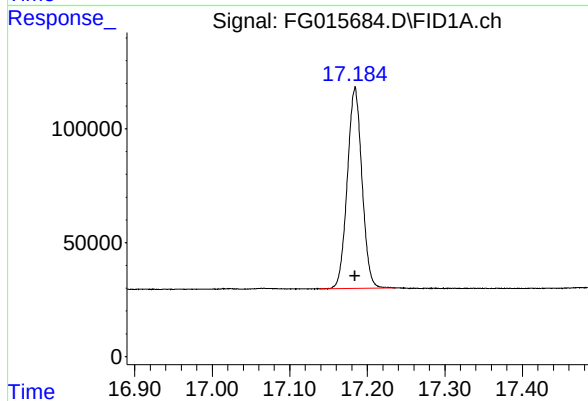
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: 0.000 min
Response: 1211987
Conc: 10.49 ug/ml



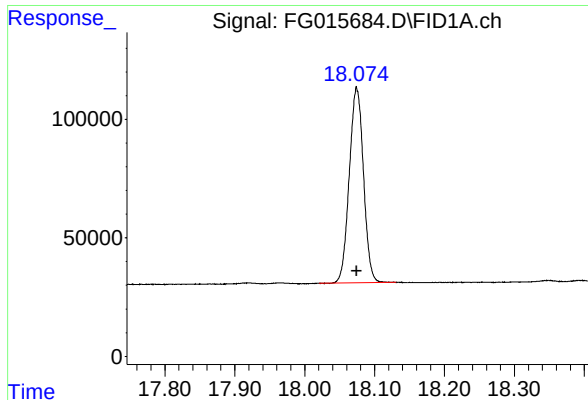
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: 0.000 min
Response: 1183059
Conc: 10.55 ug/ml



#16 n-Octacosane (C28)

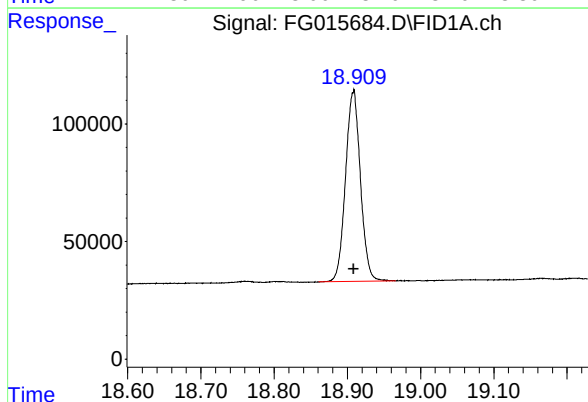
R.T.: 17.184 min
Delta R.T.: 0.000 min
Response: 1158263
Conc: 10.64 ug/ml



#17 n-Tricontane (C30)

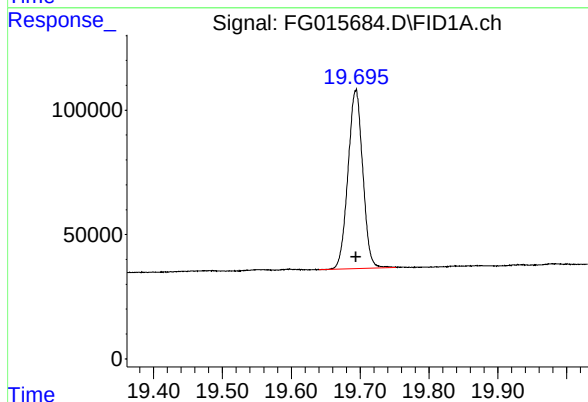
R.T.: 18.074 min
Delta R.T.: 0.000 min
Response: 1164012
Conc: 10.77 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



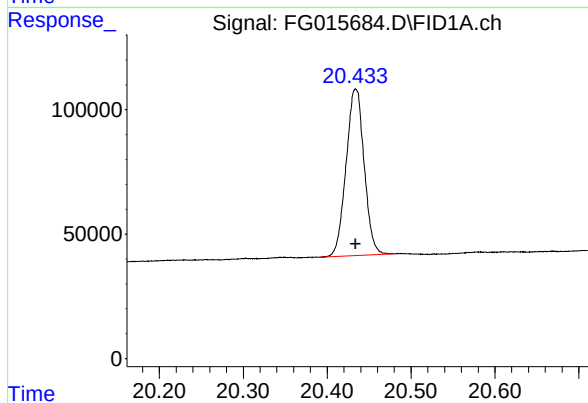
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: 0.000 min
Response: 1146962
Conc: 10.81 ug/ml



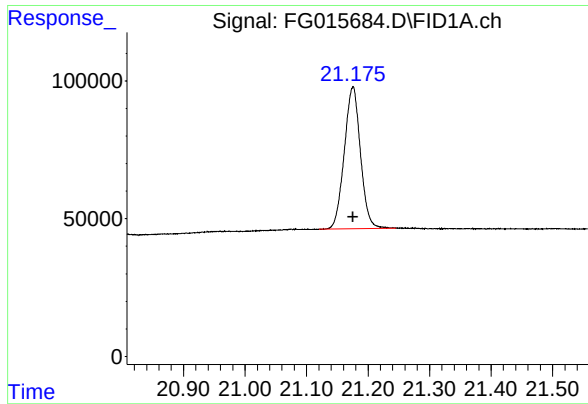
#19 n-Tetatriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.000 min
Response: 1068003
Conc: 10.65 ug/ml



#20 n-Hexatriacontane (C36)

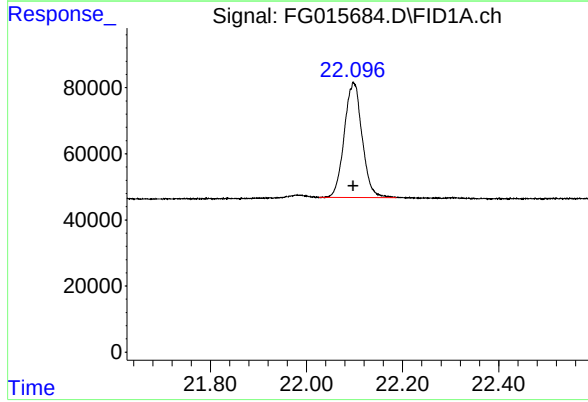
R.T.: 20.434 min
Delta R.T.: 0.000 min
Response: 1002181
Conc: 10.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.176 min
Delta R.T.: 0.000 min
Response: 940463
Conc: 10.55 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: 0.000 min
Response: 895577
Conc: 10.99 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
Data File : FG015684.D
Signal(s) : FID1A.ch
Acq On : 17 Apr 2025 11:47
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 041725.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	3.249	3.214	3.315	BB	110807	1135762	76.37%	4.504%
2	4.509	4.480	4.570	BB	110678	1131960	76.11%	4.489%
3	6.223	6.198	6.329	BB	92078	1155525	77.69%	4.582%
4	6.689	6.659	6.751	BB	108169	1158246	77.88%	4.593%
5	7.325	7.292	7.449	BB	78176	1105453	74.33%	4.384%
6	8.524	8.488	8.604	BB	101748	1154694	77.64%	4.579%
7	10.139	10.095	10.219	BB	99500	1190078	80.02%	4.720%
8	11.586	11.545	11.654	BB	103849	1224437	82.33%	4.856%
9	11.901	11.862	11.974	BB	133588	1487271	100.00%	5.898%
10	12.900	12.859	12.954	BB	101554	1220512	82.06%	4.840%
11	13.346	13.300	13.405	BB	87673	1069588	71.92%	4.242%
12	13.514	13.481	13.567	BB	98705	1212827	81.55%	4.810%
13	14.102	14.072	14.159	BB	96820	1199272	80.64%	4.756%
14	15.208	15.149	15.264	BB	93517	1211987	81.49%	4.806%
15	16.233	16.193	16.285	BB	91438	1183059	79.55%	4.692%
16	17.184	17.138	17.237	BB	88658	1158263	77.88%	4.593%
17	18.074	18.020	18.130	BB	82307	1164012	78.26%	4.616%
18	18.908	18.861	18.966	BB	80708	1146962	77.12%	4.549%
19	19.694	19.640	19.752	BB	71556	1068003	71.81%	4.235%
20	20.434	20.390	20.482	BB	67045	1002181	67.38%	3.974%
21	21.176	21.120	21.245	BB	51571	940463	63.23%	3.730%
22	22.098	22.026	22.186	BB	34805	895577	60.22%	3.552%
Sum of corrected areas:							25216129	

Aliphatic EPH 041725.M Thu Apr 17 13:10:04 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015685.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 12:16
 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: Apr 17 12:26:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 17 12:26:46 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)	11.901	726678	5.012 ug/ml
Spiked Amount 50.000		Recovery =	10.02%
12) S 1-chlorooctadecane (S...	13.347	513369	4.855 ug/ml
Spiked Amount 50.000		Recovery =	9.71%
Target Compounds			
1) T n-Nonane (C9)	3.251	559987	5.011 ug/ml
2) T n-Decane (C10)	4.510	556726	4.965 ug/ml
3) T A~Naphthalene (C11.7)	6.226	526545	4.538 ug/ml
4) T n-Dodecane (C12)	6.689	562393	4.919 ug/ml
5) T A~2-methylnaphthalene...	7.329	470534	4.227 ug/ml
6) T n-Tetradecane (C14)	8.525	550704	4.833 ug/ml
7) T n-Hexadecane (C16)	10.139	569544	4.871 ug/ml
8) T n-Octadecane (C18)	11.586	590472	4.936 ug/ml
10) T n-Eicosane (C20)	12.900	594358	4.995 ug/ml
11) T n-Heneicosane (C21)	13.514	591782	5.003 ug/ml
13) T n-Docosane (C22)	14.102	578526	4.961 ug/ml
14) T n-Tetracosane (C24)	15.209	571063	4.955 ug/ml
15) T n-Hexacosane (C26)	16.233	548030	4.908 ug/ml
16) T n-Octacosane (C28)	17.185	544376	5.002 ug/ml
17) T n-Tricontane (C30)	18.074	561801	5.158 ug/ml
18) T n-Dotriacontane (C32)	18.908	566968	5.270 ug/ml
19) T n-Tetratriacontane (C34)	19.694	541448	5.314 ug/ml
20) T n-Hexatriacontane (C36)	20.434	522794	5.344 ug/ml
21) T n-Octatriacontane (C38)	21.176	498766	5.464 ug/ml
22) T n-Tetracontane (C40)	22.097	481343	5.700 ug/ml

(f)=RT Delta > 1/2 Window

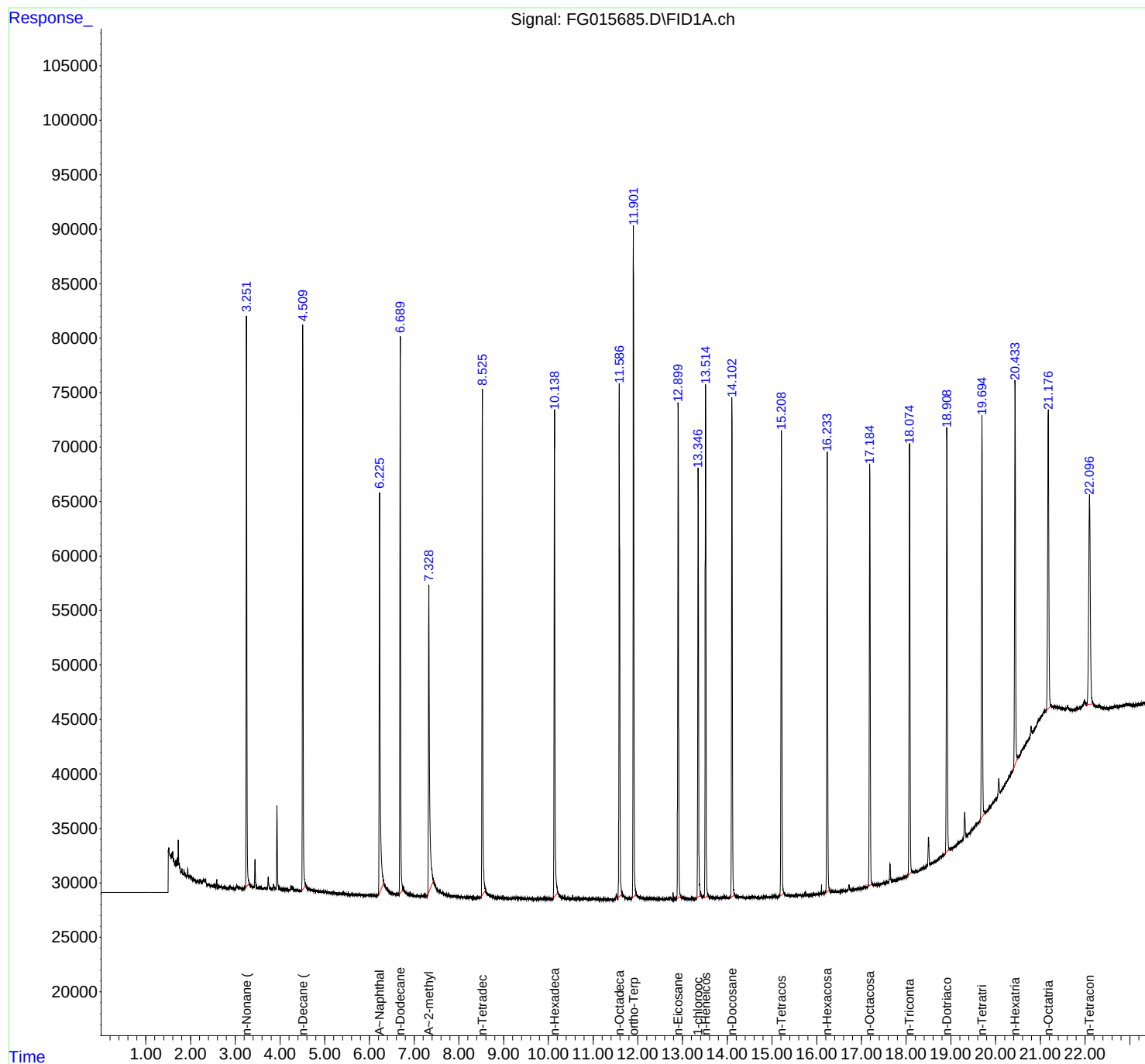
(m)=manual int.

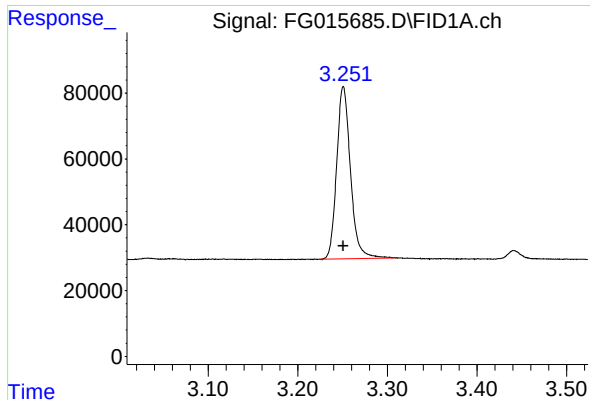
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
Data File : FG015685.D
Signal(s) : FID1A.ch
Acq On : 17 Apr 2025 12:16
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Apr 17 12:26:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
Quant Title : GC Extractables
QLast Update : Thu Apr 17 12:26:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

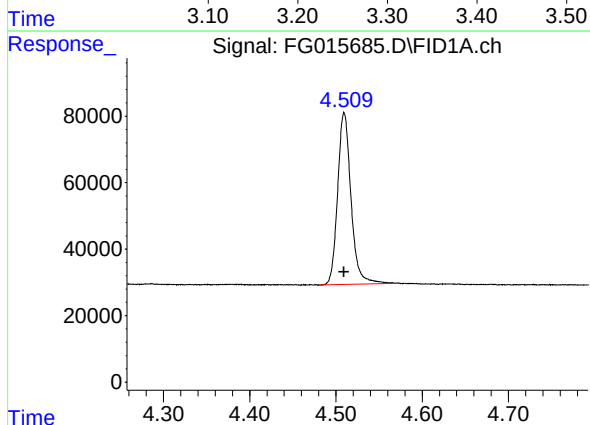




#1 n-Nonane (C9)

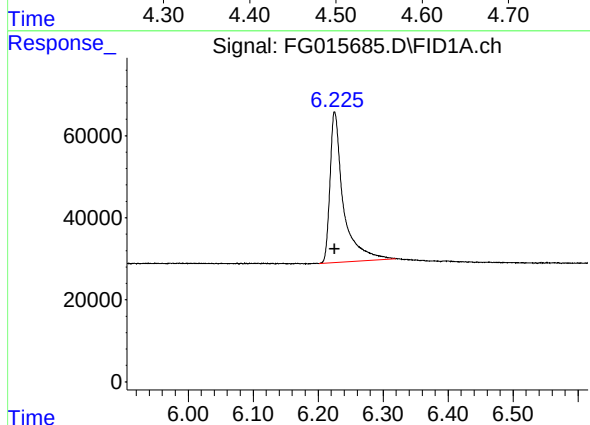
R.T.: 3.251 min
Delta R.T.: 0.000 min
Response: 559987
Conc: 5.01 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



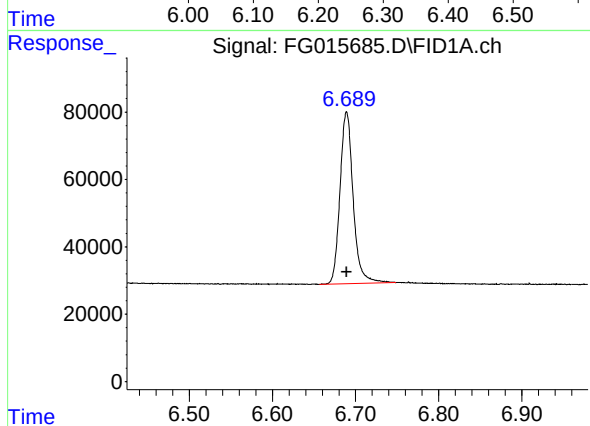
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 556726
Conc: 4.96 ug/ml



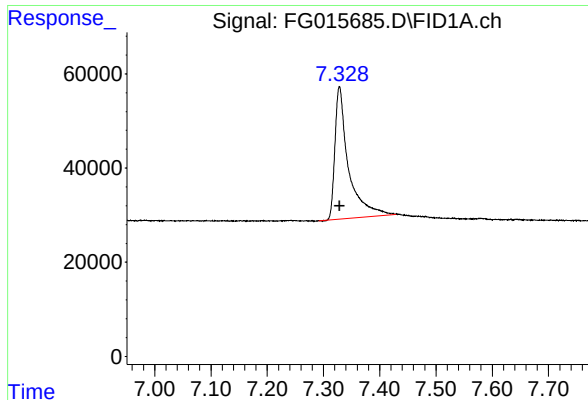
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 526545
Conc: 4.54 ug/ml



#4 n-Dodecane (C12)

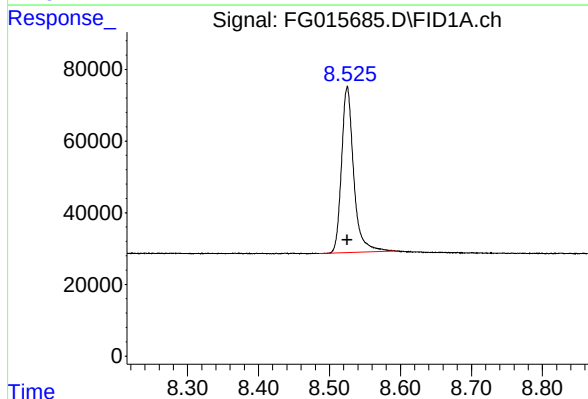
R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 562393
Conc: 4.92 ug/ml



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

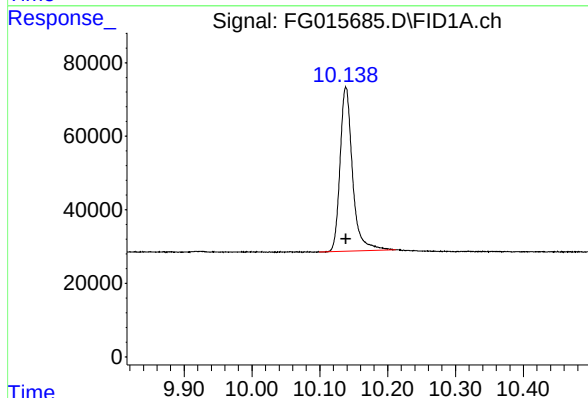
R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 470534
Conc: 4.23 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



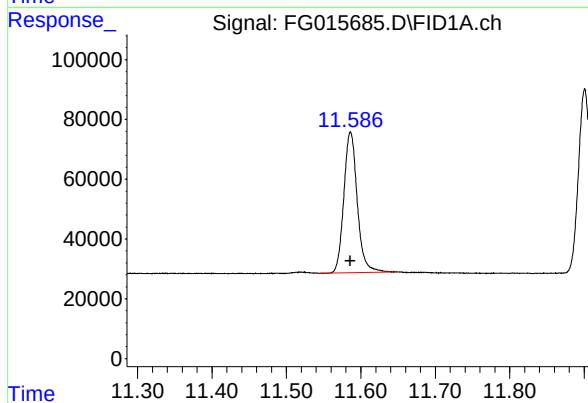
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 550704
Conc: 4.83 ug/ml



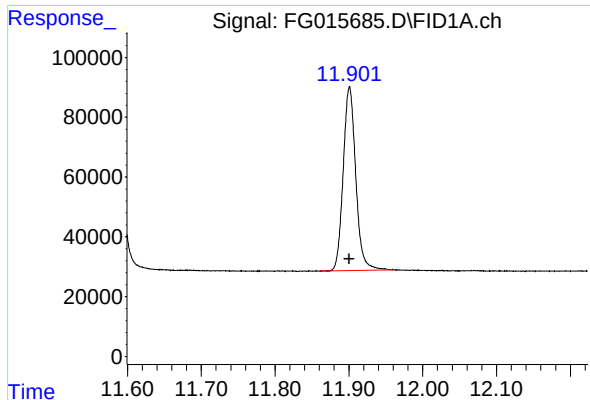
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 569544
Conc: 4.87 ug/ml



#8 n-Octadecane (C18)

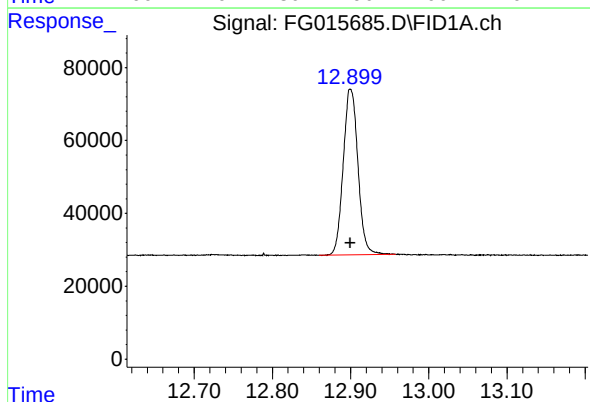
R.T.: 11.586 min
Delta R.T.: 0.000 min
Response: 590472
Conc: 4.94 ug/ml



#9 ortho-Terphenyl (SURR)

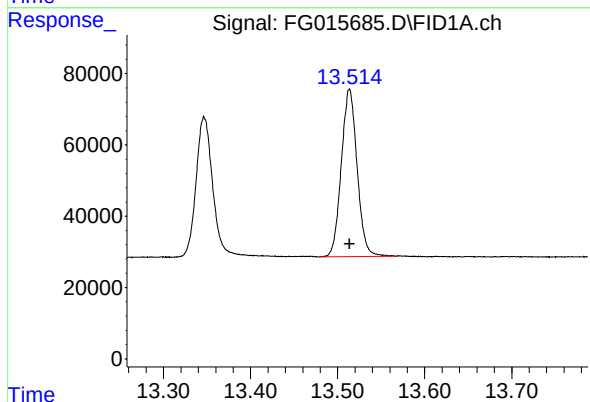
R.T.: 11.901 min
Delta R.T.: 0.000 min
Response: 726678
Conc: 5.01 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



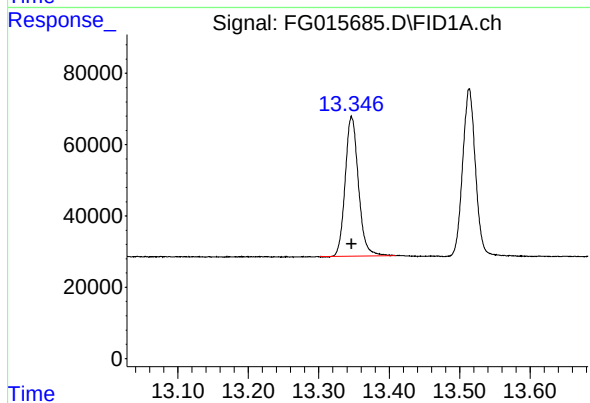
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: 0.000 min
Response: 594358
Conc: 4.99 ug/ml



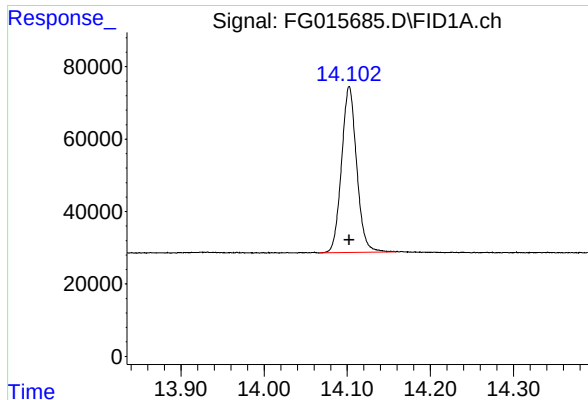
#11 n-Heneicosane (C21)

R.T.: 13.514 min
Delta R.T.: 0.000 min
Response: 591782
Conc: 5.00 ug/ml



#12 1-chlorooctadecane (SURR)

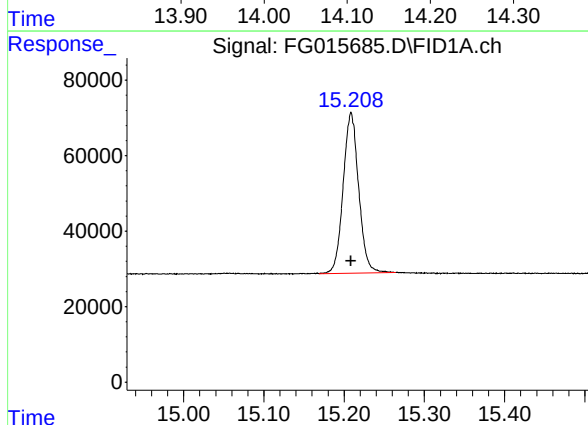
R.T.: 13.347 min
Delta R.T.: 0.000 min
Response: 513369
Conc: 4.85 ug/ml



#13 n-Docosane (C22)

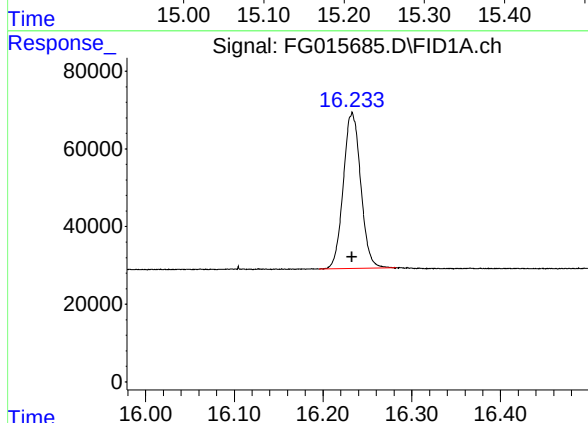
R.T.: 14.102 min
Delta R.T.: 0.000 min
Response: 578526
Conc: 4.96 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



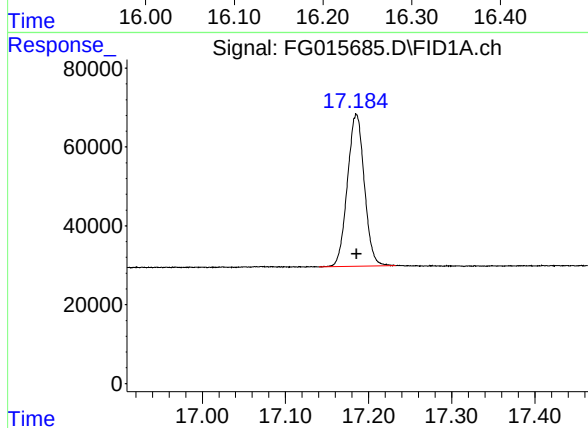
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: 0.000 min
Response: 571063
Conc: 4.96 ug/ml



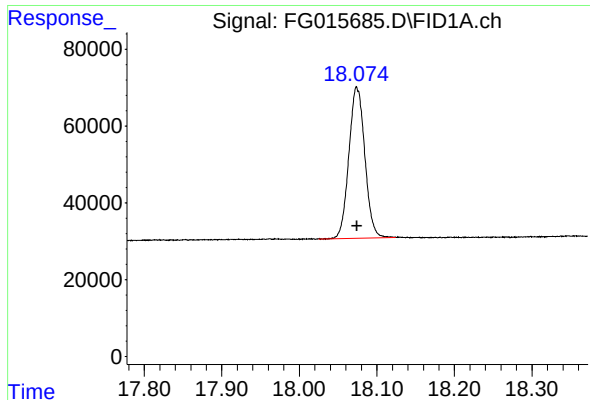
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: 0.000 min
Response: 548030
Conc: 4.91 ug/ml



#16 n-Octacosane (C28)

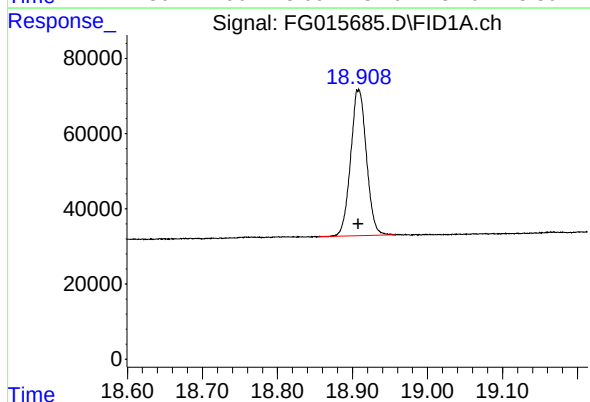
R.T.: 17.185 min
Delta R.T.: 0.000 min
Response: 544376
Conc: 5.00 ug/ml



#17 n-Tricontane (C30)

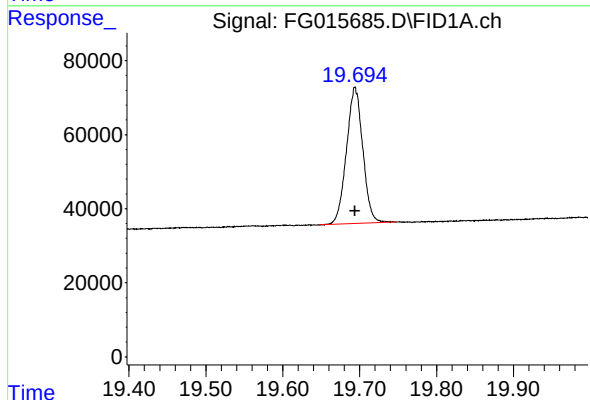
R.T.: 18.074 min
Delta R.T.: 0.000 min
Response: 561801
Conc: 5.16 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



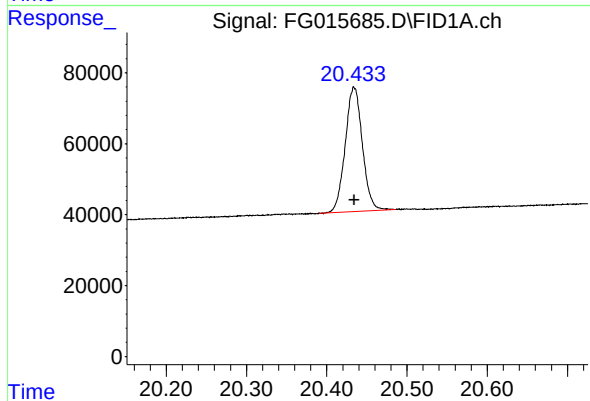
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: 0.000 min
Response: 566968
Conc: 5.27 ug/ml



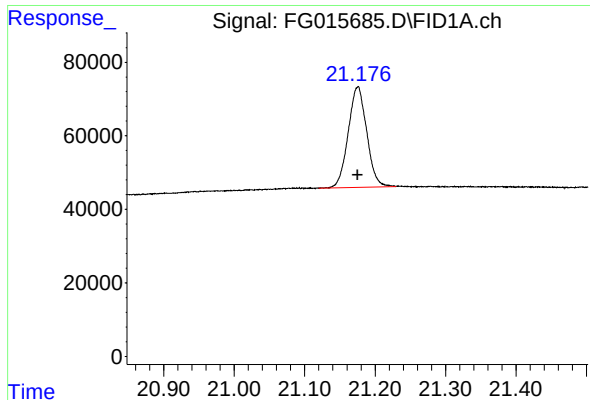
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.000 min
Response: 541448
Conc: 5.31 ug/ml



#20 n-Hexatriacontane (C36)

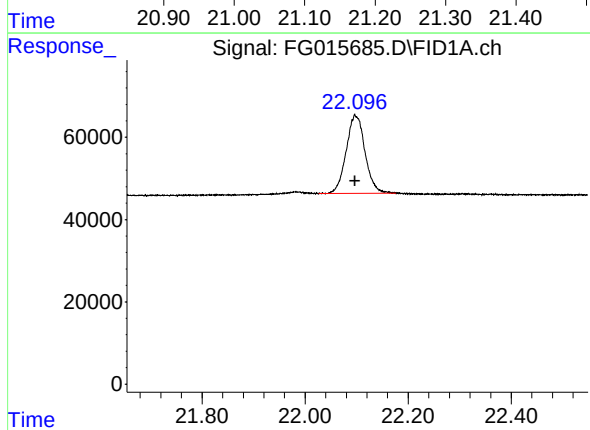
R.T.: 20.434 min
Delta R.T.: 0.000 min
Response: 522794
Conc: 5.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.176 min
Delta R.T.: 0.000 min
Response: 498766
Conc: 5.46 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.097 min
Delta R.T.: 0.000 min
Response: 481343
Conc: 5.70 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
Data File : FG015685.D
Signal(s) : FID1A.ch
Acq On : 17 Apr 2025 12:16
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 041725.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	3.251	3.224	3.310	BB	52373	559987	77.06%	4.579%
2	4.510	4.480	4.570	BB	51705	556726	76.61%	4.553%
3	6.226	6.201	6.320	BB	36720	526545	72.46%	4.306%
4	6.689	6.656	6.749	BB	51021	562393	77.39%	4.599%
5	7.329	7.292	7.429	BB	28173	470534	64.75%	3.848%
6	8.525	8.485	8.594	BB	46452	550704	75.78%	4.504%
7	10.139	10.099	10.212	BB	44571	569544	78.38%	4.658%
8	11.586	11.544	11.647	BB	47078	590472	81.26%	4.829%
9	11.901	11.860	11.964	BB	61590	726678	100.00%	5.943%
10	12.900	12.860	12.958	BB	45438	594358	81.79%	4.861%
11	13.347	13.300	13.410	BB	39081	513369	70.65%	4.198%
12	13.514	13.479	13.567	BB	46998	591782	81.44%	4.839%
13	14.103	14.066	14.159	BB	45887	578526	79.61%	4.731%
14	15.209	15.169	15.265	BB	42666	571063	78.59%	4.670%
15	16.233	16.195	16.282	BB	40315	548030	75.42%	4.482%
16	17.185	17.140	17.233	BB	38552	544376	74.91%	4.452%
17	18.074	18.025	18.125	BB	39434	561801	77.31%	4.594%
18	18.908	18.855	18.958	BB	38544	566968	78.02%	4.637%
19	19.694	19.647	19.747	BB	36791	541448	74.51%	4.428%
20	20.434	20.390	20.486	BB	34782	522794	71.94%	4.275%
21	21.176	21.120	21.230	BB	27352	498766	68.64%	4.079%
22	22.097	22.027	22.176	BB	19118	481343	66.24%	3.936%
Sum of corrected areas:							12228206	

Aliphatic EPH 041725.M Thu Apr 17 13:10:23 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015686.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 12:45
 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: Apr 17 12:57:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 17 12:40:13 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)	11.902	2897428	19.986 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
12) S 1-chlorooctadecane (S...	13.347	2133704	20.177 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
Target Compounds			
1) T n-Nonane (C9)	3.251	2242094	20.063 ug/ml
2) T n-Decane (C10)	4.509	2255615	20.115 ug/ml
3) T A~Naphthalene (C11.7)	6.221	2367752	20.408 ug/ml
4) T n-Dodecane (C12)	6.689	2300601	20.121 ug/ml
5) T A~2-methylnaphthalene...	7.323	2288489	20.556 ug/ml
6) T n-Tetradecane (C14)	8.525	2292779	20.120 ug/ml
7) T n-Hexadecane (C16)	10.138	2348678	20.086 ug/ml
8) T n-Octadecane (C18)	11.587	2400058	20.064 ug/ml
10) T n-Eicosane (C20)	12.901	2387350	20.062 ug/ml
11) T n-Heneicosane (C21)	13.515	2367737	20.018 ug/ml
13) T n-Docosane (C22)	14.103	2360668	20.243 ug/ml
14) T n-Tetracosane (C24)	15.209	2376829	20.624 ug/ml
15) T n-Hexacosane (C26)	16.233	2315034	20.731 ug/ml
16) T n-Octacosane (C28)	17.185	2254448	20.715 ug/ml
17) T n-Tricontane (C30)	18.074	2234772	20.517 ug/ml
18) T n-Dotriacontane (C32)	18.909	2199394	20.444 ug/ml
19) T n-Tetratriacontane (C34)	19.694	2041836	20.039 ug/ml
20) T n-Hexatriacontane (C36)	20.434	1944278	19.876 ug/ml
21) T n-Octatriacontane (C38)	21.175	1772364	19.418 ug/ml
22) T n-Tetracontane (C40)	22.096	1587059	18.792 ug/ml

(f)=RT Delta > 1/2 Window

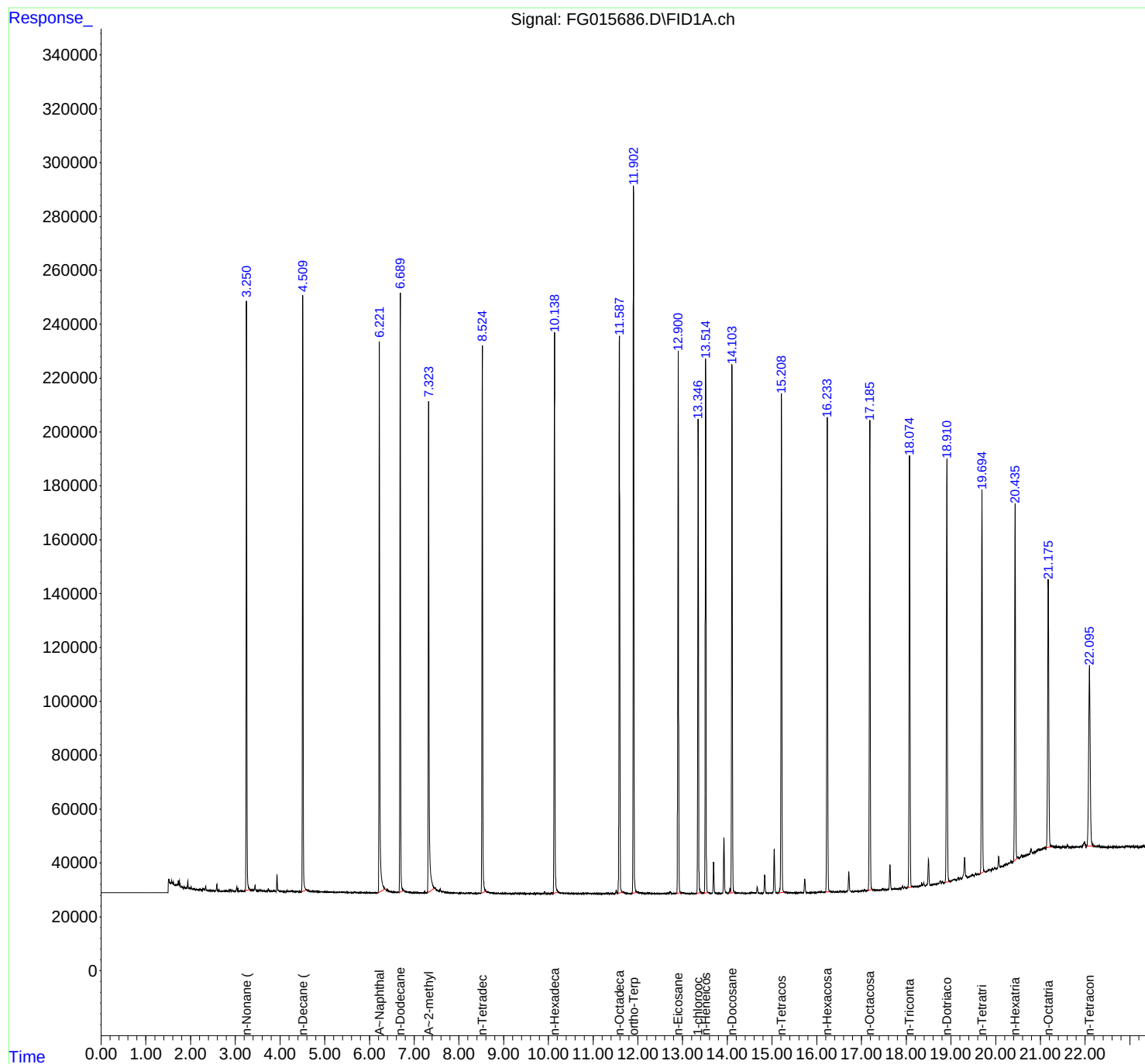
(m)=manual int.

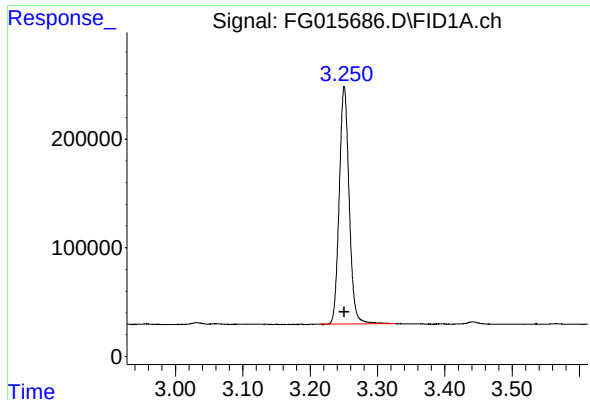
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
Data File : FG015686.D
Signal(s) : FID1A.ch
Acq On : 17 Apr 2025 12:45
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Apr 17 12:57:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
Quant Title : GC Extractables
QLast Update : Thu Apr 17 12:40:13 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)

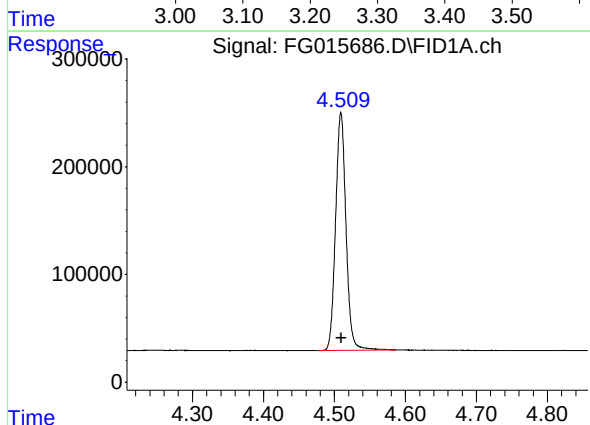
R.T.: 3.251 min
Delta R.T.: 0.000 min
Response: 2242094
Conc: 20.06 ug/ml

Instrument :

FID_G

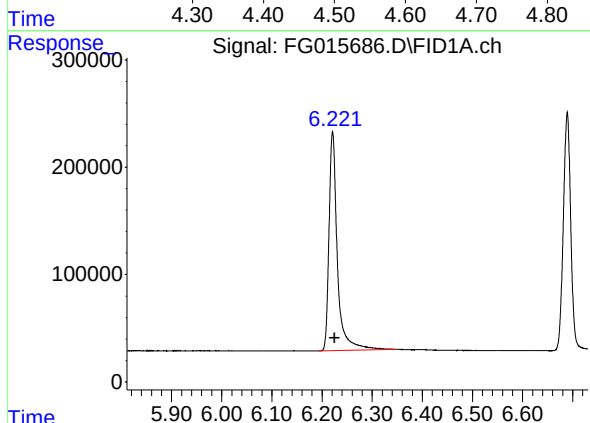
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



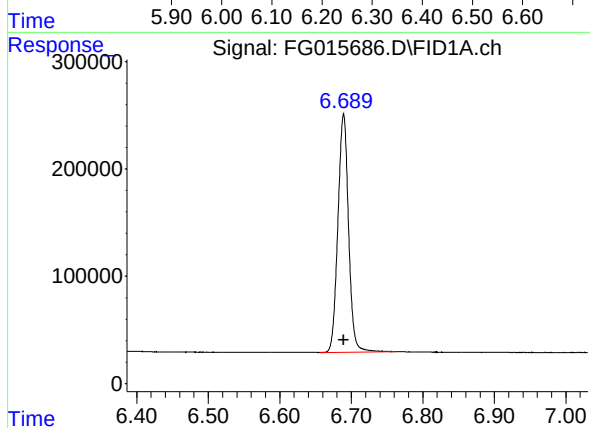
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.000 min
Response: 2255615
Conc: 20.12 ug/ml



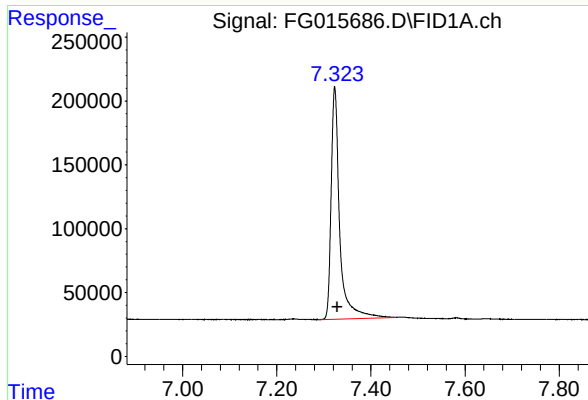
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: -0.004 min
Response: 2367752
Conc: 20.41 ug/ml



#4 n-Dodecane (C12)

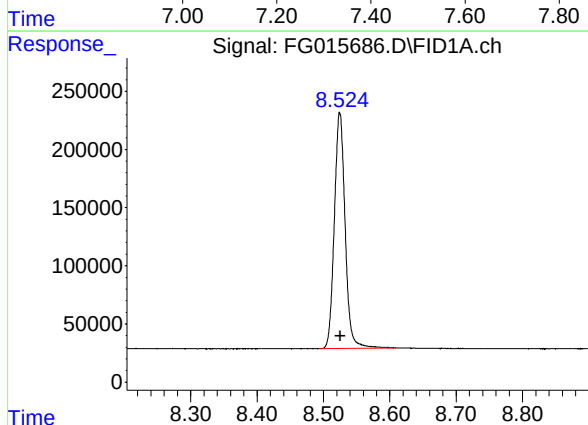
R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 2300601
Conc: 20.12 ug/ml



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

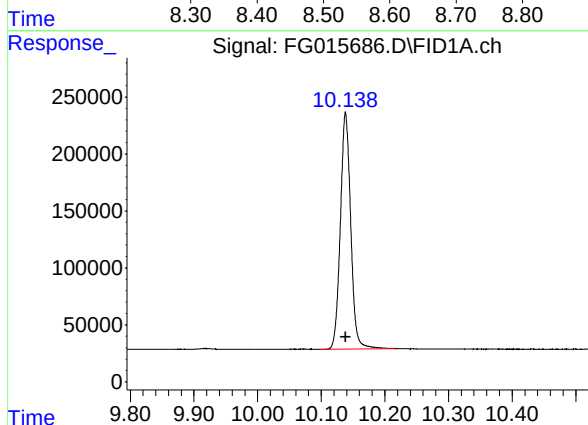
R.T.: 7.323 min
Delta R.T.: -0.005 min
Response: 2288489
Conc: 20.56 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



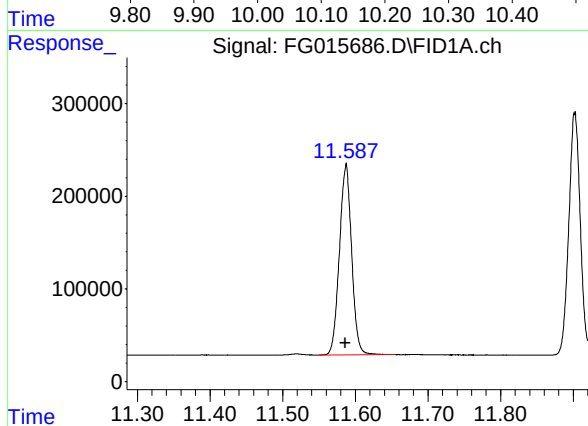
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 2292779
Conc: 20.12 ug/ml



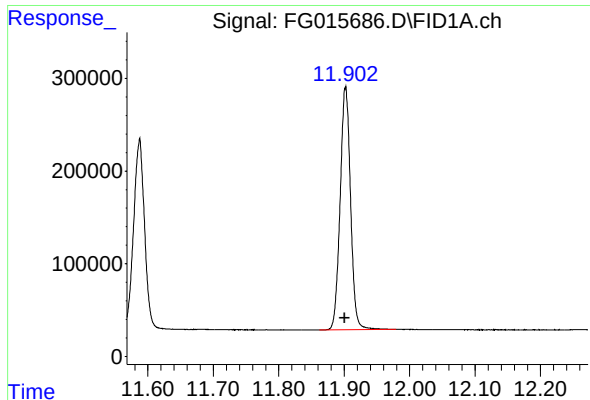
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: 0.000 min
Response: 2348678
Conc: 20.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.587 min
Delta R.T.: 0.001 min
Response: 2400058
Conc: 20.06 ug/ml



#9 ortho-Terphenyl (SURR)

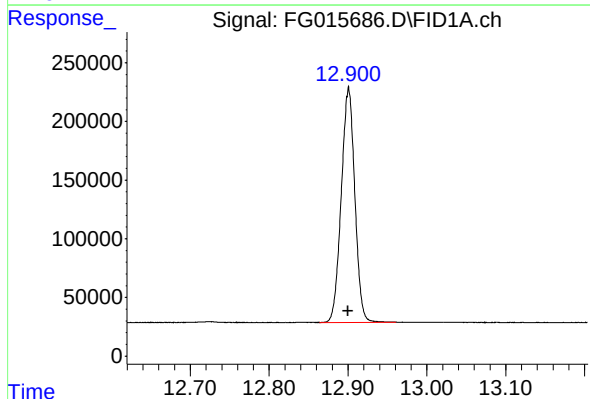
R.T.: 11.902 min
Delta R.T.: 0.001 min
Response: 2897428
Conc: 19.99 ug/ml

Instrument :

FID_G

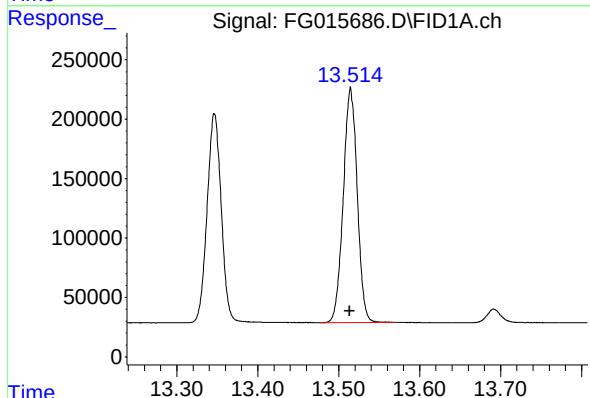
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



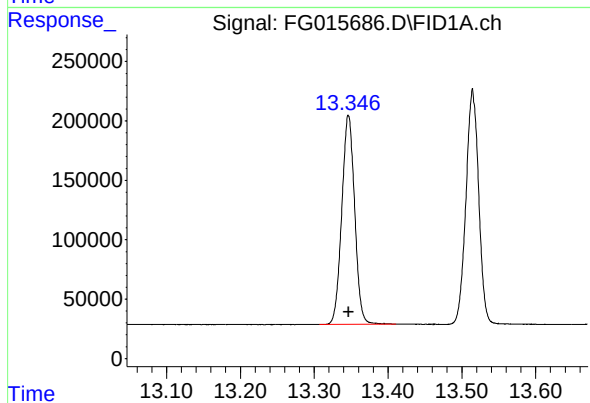
#10 n-Eicosane (C20)

R.T.: 12.901 min
Delta R.T.: 0.000 min
Response: 2387350
Conc: 20.06 ug/ml



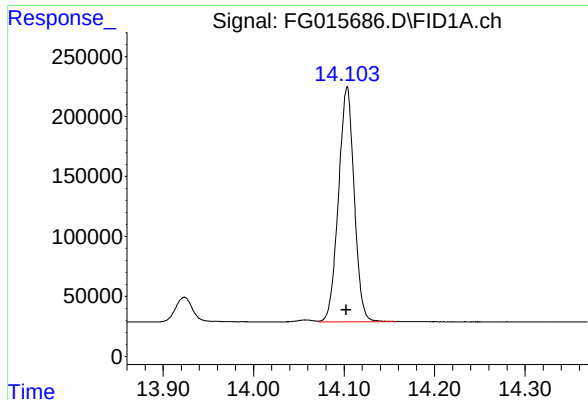
#11 n-Heneicosane (C21)

R.T.: 13.515 min
Delta R.T.: 0.000 min
Response: 2367737
Conc: 20.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.347 min
Delta R.T.: 0.000 min
Response: 2133704
Conc: 20.18 ug/ml



#13 n-Docosane (C22)

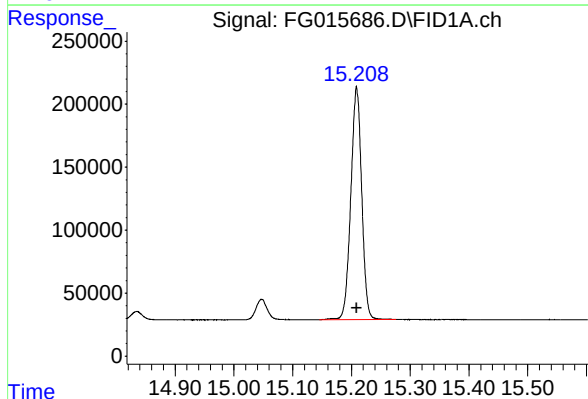
R.T.: 14.103 min
Delta R.T.: 0.000 min
Response: 2360668
Conc: 20.24 ug/ml

Instrument :

FID_G

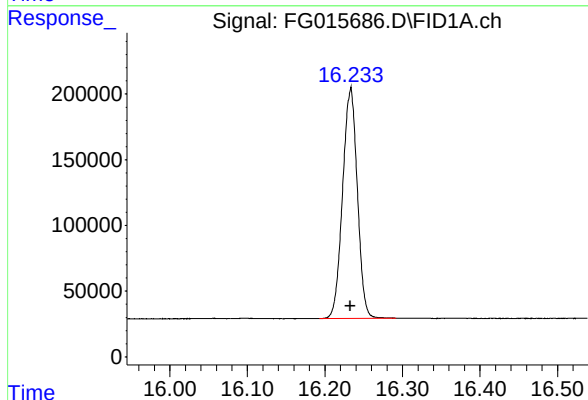
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



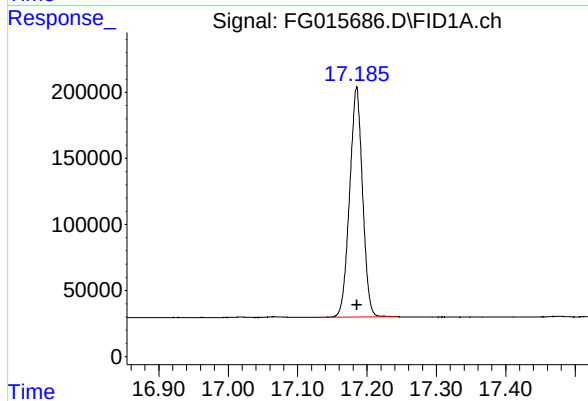
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: 0.000 min
Response: 2376829
Conc: 20.62 ug/ml



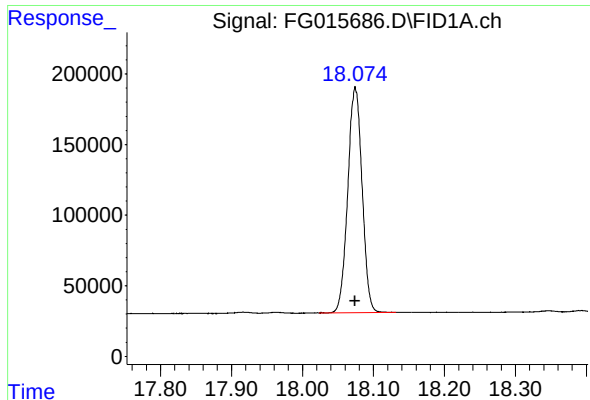
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: 0.000 min
Response: 2315034
Conc: 20.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.185 min
Delta R.T.: 0.000 min
Response: 2254448
Conc: 20.72 ug/ml



#17 n-Tricontane (C30)

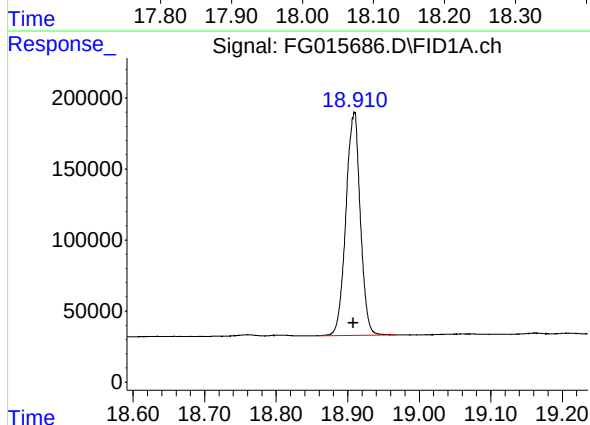
R.T.: 18.074 min
Delta R.T.: 0.000 min
Response: 2234772
Conc: 20.52 ug/ml

Instrument :

FID_G

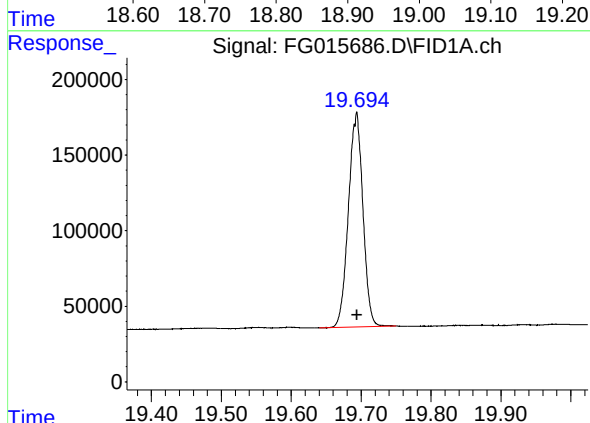
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



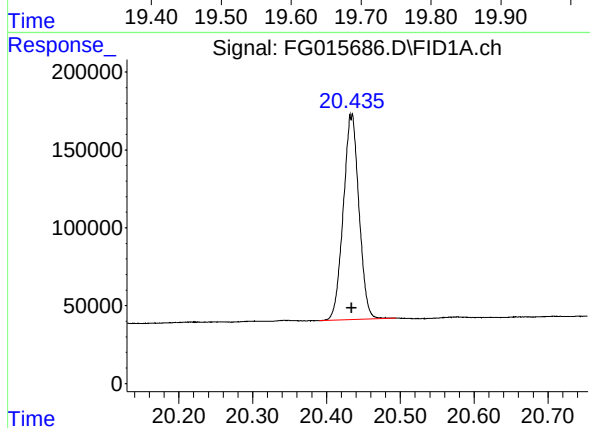
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: 0.001 min
Response: 2199394
Conc: 20.44 ug/ml



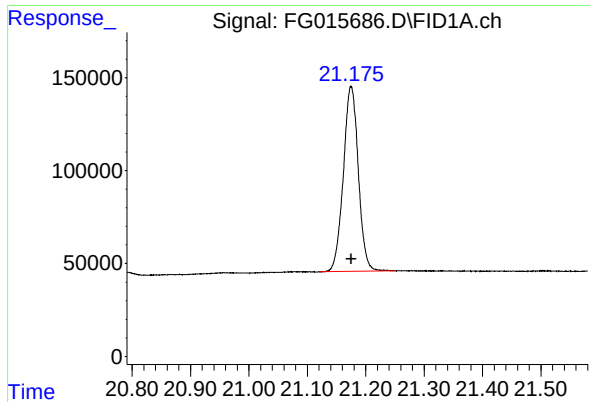
#19 n-Tetatriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.000 min
Response: 2041836
Conc: 20.04 ug/ml



#20 n-Hexatriacontane (C36)

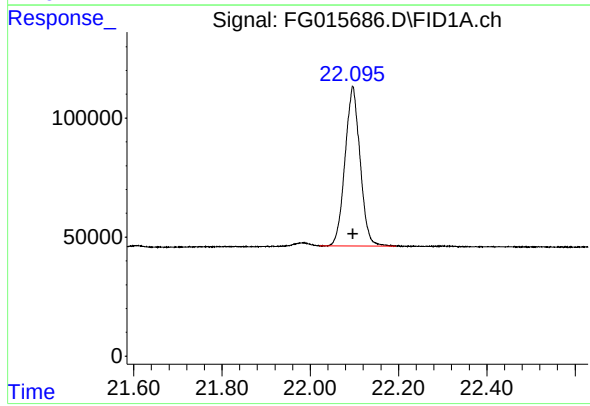
R.T.: 20.434 min
Delta R.T.: 0.000 min
Response: 1944278
Conc: 19.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.175 min
Delta R.T.: 0.000 min
Response: 1772364
Conc: 19.42 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: 0.000 min
Response: 1587059
Conc: 18.79 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
Data File : FG015686.D
Signal(s) : FID1A.ch
Acq On : 17 Apr 2025 12:45
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 041725.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	3.251	3.213	3.328	BB	218503	2242094	77.38%	4.542%
2	4.509	4.478	4.587	BB	221040	2255615	77.85%	4.569%
3	6.221	6.194	6.348	BB	204592	2367752	81.72%	4.796%
4	6.689	6.655	6.763	BB	222043	2300601	79.40%	4.660%
5	7.323	7.290	7.453	BB	181806	2288489	78.98%	4.635%
6	8.525	8.493	8.609	BB	201727	2292779	79.13%	4.644%
7	10.138	10.097	10.218	BB	207860	2348678	81.06%	4.757%
8	11.587	11.550	11.656	BB	206604	2400058	82.83%	4.861%
9	11.902	11.862	11.979	BB	261923	2897428	100.00%	5.869%
10	12.901	12.863	12.961	BB	200801	2387350	82.40%	4.836%
11	13.347	13.307	13.411	BB	175434	2133704	73.64%	4.322%
12	13.515	13.476	13.571	BB	198307	2367737	81.72%	4.796%
13	14.103	14.073	14.158	VB	196039	2360668	81.47%	4.782%
14	15.209	15.145	15.276	BB	184375	2376829	82.03%	4.814%
15	16.233	16.192	16.292	BB	175341	2315034	79.90%	4.689%
16	17.185	17.131	17.242	BB	173430	2254448	77.81%	4.567%
17	18.074	18.023	18.132	BB	159737	2234772	77.13%	4.527%
18	18.909	18.860	18.968	BB	156809	2199394	75.91%	4.455%
19	19.694	19.640	19.750	BB	142097	2041836	70.47%	4.136%
20	20.434	20.390	20.494	BB	129957	1944278	67.10%	3.938%
21	21.175	21.120	21.252	BB	99353	1772364	61.17%	3.590%
22	22.096	22.020	22.194	BB	67000	1587059	54.77%	3.215%
Sum of corrected areas:							49368965	

Aliphatic EPH 041725.M Thu Apr 17 13:10:57 2025