

Initial Calibration Report for SequenceID : FG111424AL

AreaCount

Parameter Range	FG014781.D	FG014782.D	FG014783.D	FG014784.D	FG014785.D	
Aliphatic C9-C12	38805094.000	20087988.000	8323102.000	4325002.000	2172741.000	
Aliphatic C12-C16	26315857.000	13655201.000	5635513.000	2924710.000	1455701.000	
Aliphatic C16-C21	37884451.000	19728051.000	8108918.000	4211614.000	2081364.000	
Aliphatic C21-C28	46060625.000	23943174.000	9959110.000	5094088.000	2618725.000	
Aliphatic C28-C40	54036142.000	28551913.000	12655939.000	6548947.000	3558141.000	
Aliphatic EPH	203102169.000	105966327.000	44682582.000	23104361.000	11886672.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	138200.9466664	4.81				
Aliphatic C12-C16	140164.944	4.418				
Aliphatic C16-C21	134419.0419998	4.235				
Aliphatic C21-C28	123528.9515	5.041				
Aliphatic C28-C40	103690.6509996	10.929				
Aliphatic EPH	123024.9758886	6.339				

Concentration

Parameter Range	FG014781.D	FG014782.D	FG014783.D	FG014784.D	FG014785.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	FG014781.D	FG014782.D	FG014783.D	FG014784.D	FG014785.D	
Aliphatic C9-C12	129350.313333	133919.920000	138718.366666	144166.733333	144849.400000	
Aliphatic C12-C16	131579.285000	136552.010000	140887.825000	146235.500000	145570.100000	
Aliphatic C16-C21	126281.503333	131520.340000	135148.633333	140387.133333	138757.600000	

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Aliphatic C21-C28	115151.562500	119715.870000	124488.875000	127352.200000	130936.250000	
Aliphatic C28-C40	90060.236666	95173.043333	105466.158333	109149.116666	118604.700000	
Aliphatic EPH	112834.538333	117740.363333	124118.283333	128357.561111	132074.133333	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AL\
 Data File : FG014781.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 14:16
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Nov 14 16:27:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 16:25:39 2024
 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)	11.956	13891170	96.698 ug/ml
Spiked Amount 50.000		Recovery =	193.40%
12) S 1-chlorooctadecane (S...	13.393	10591812	97.306 ug/ml
Spiked Amount 50.000		Recovery =	194.61%
Target Compounds			
1) T n-Nonane (C9)	3.325	12687441	96.445 ug/ml
2) T n-Decane (C10)	4.576	12974818	96.476 ug/ml
3) T A~Naphthalene (C11.7)	6.280	13927909	96.697 ug/ml
4) T n-Dodecane (C12)	6.746	13142835	96.593 ug/ml
5) T A~2-methylnaphthalene...	7.379	13449166	96.781 ug/ml
6) T n-Tetradecane (C14)	8.578	13018939	96.611 ug/ml
7) T n-Hexadecane (C16)	10.190	13296918	96.556 ug/ml
8) T n-Octadecane (C18)	11.638	13210637	96.578 ug/ml
10) T n-Eicosane (C20)	12.949	12487559	96.650 ug/ml
11) T n-Heneicosane (C21)	13.561	12186255	96.598 ug/ml
13) T n-Docosane (C22)	14.149	12005437	96.599 ug/ml
14) T n-Tetracosane (C24)	15.252	11741065	96.536 ug/ml
15) T n-Hexacosane (C26)	16.275	11342932	96.126 ug/ml
16) T n-Octacosane (C28)	17.226	10971191	95.092 ug/ml
17) T n-Tricontane (C30)	18.114	10964719	92.375 ug/ml
18) T n-Dotriacontane (C32)	18.945	10483317	90.519 ug/ml
19) T n-Tetratriacontane (C34)	19.729	9216474	91.454 ug/ml
20) T n-Hexatriacontane (C36)	20.469	8076907	92.711 ug/ml
21) T n-Octatriacontane (C38)	21.218	7767545	93.348 ug/ml
22) T n-Tetracontane (C40)	22.154	7527180	92.974 ug/ml

(f)=RT Delta > 1/2 Window

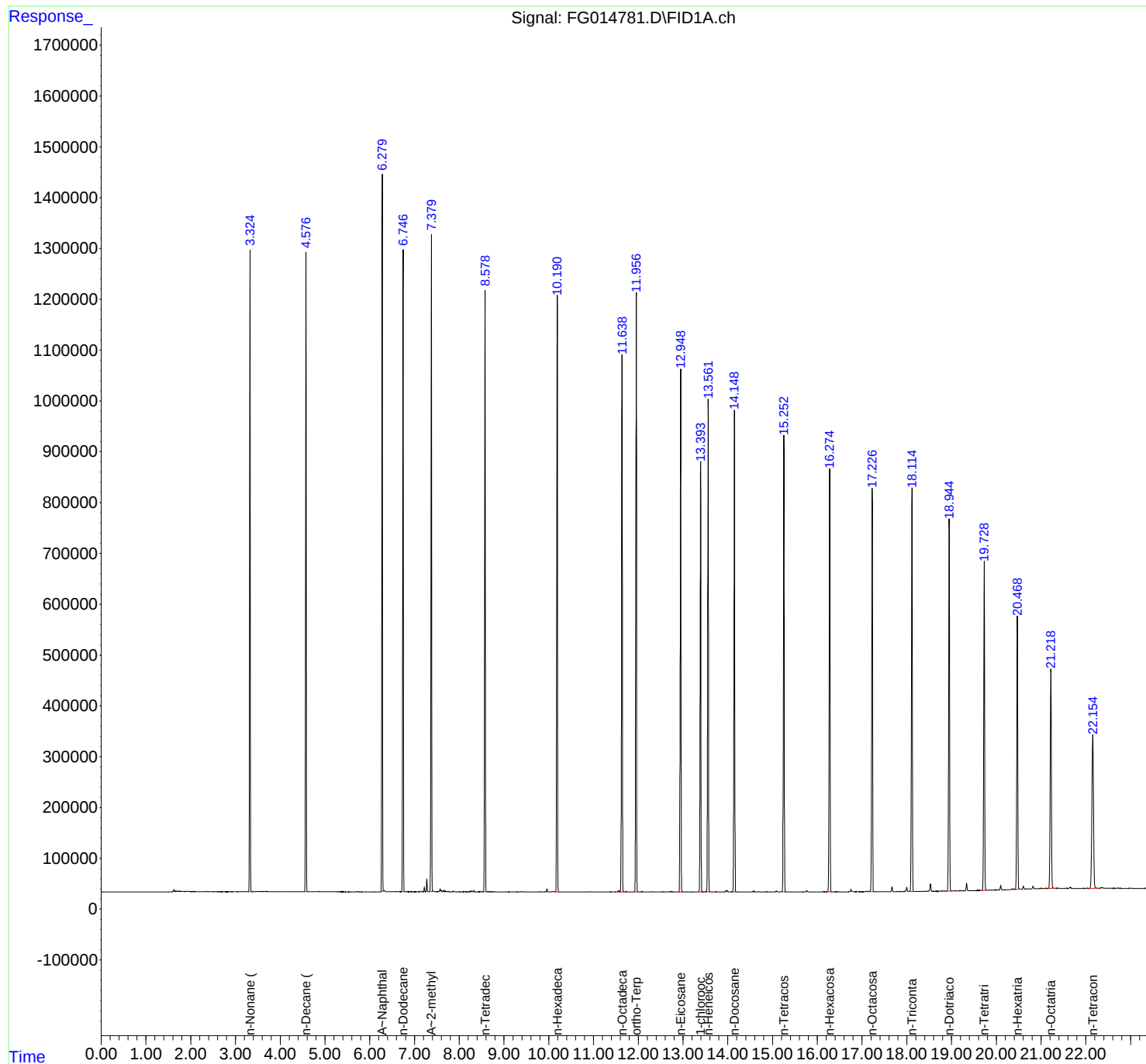
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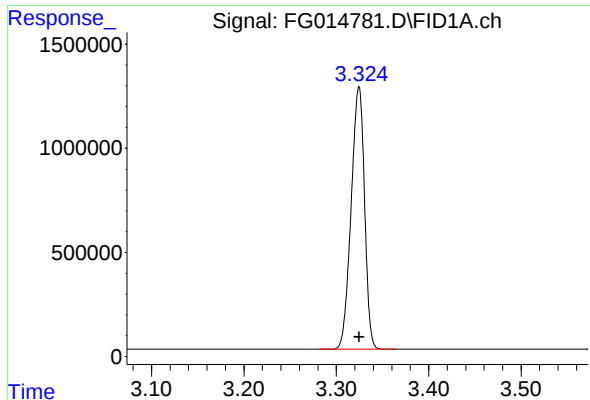
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Data File : FG014781.D
Signal(s) : FID1A.ch
Acq On : 14 Nov 2024 14:16
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 31 Sample Multiplier: 1

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ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Nov 14 16:27:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 16:25:39 2024
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)

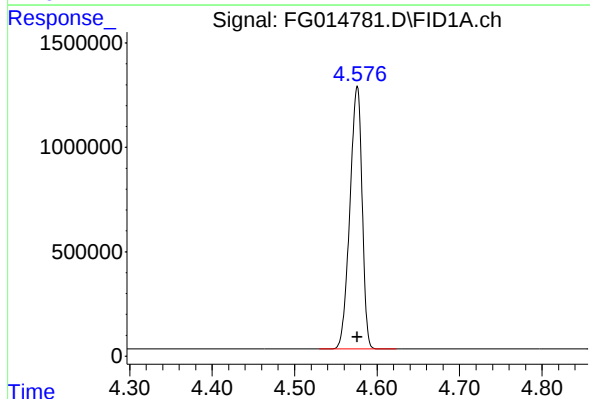
R.T.: 3.325 min
Delta R.T.: 0.000 min
Response: 12687441
Conc: 96.44 ug/ml

Instrument :

FID_G

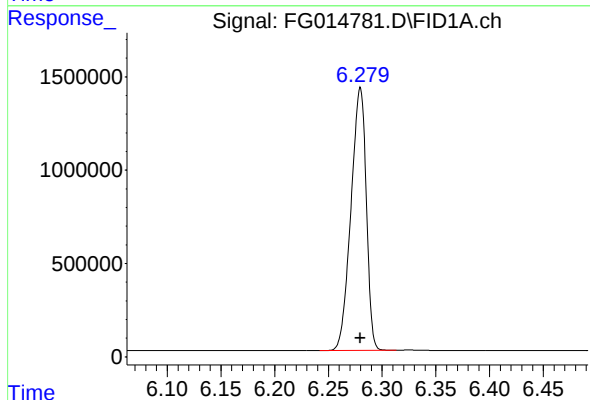
ClientSampleId :

100 PPM ALIPHATIC HC STD1



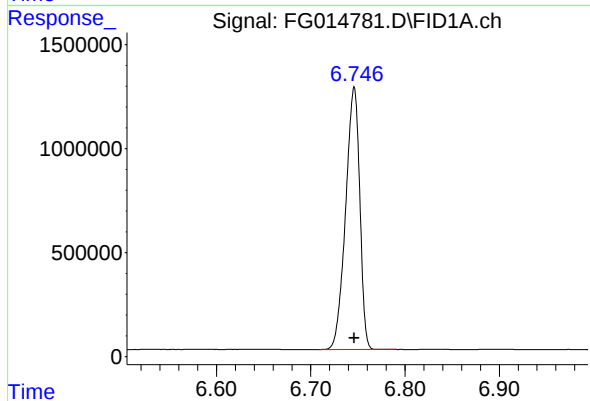
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: 0.000 min
Response: 12974818
Conc: 96.48 ug/ml



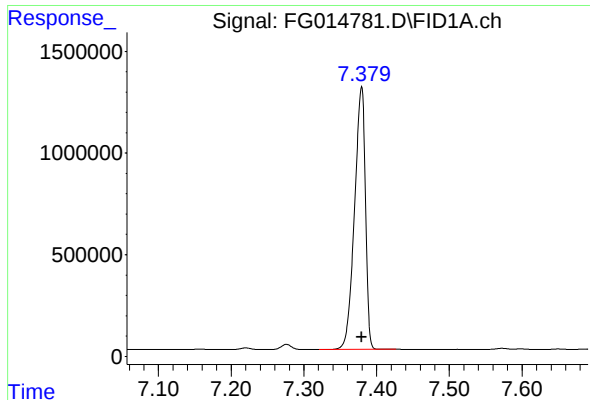
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 13927909
Conc: 96.70 ug/ml



#4 n-Dodecane (C12)

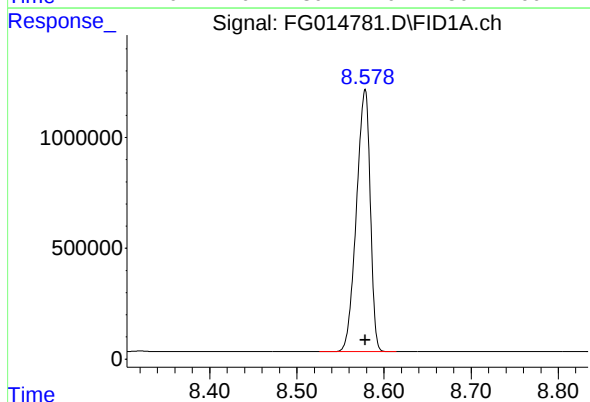
R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 13142835
Conc: 96.59 ug/ml



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

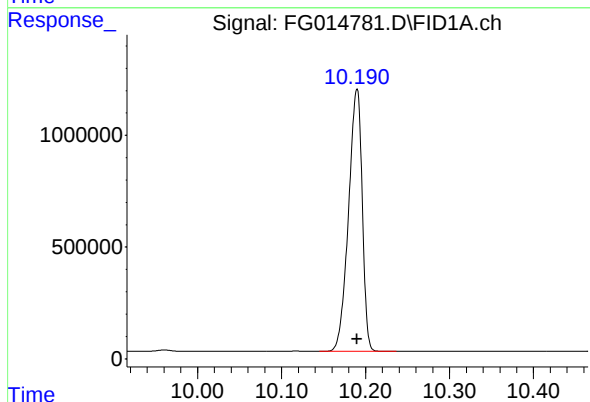
R.T.: 7.379 min
Delta R.T.: 0.000 min
Response: 13449166
Conc: 96.78 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



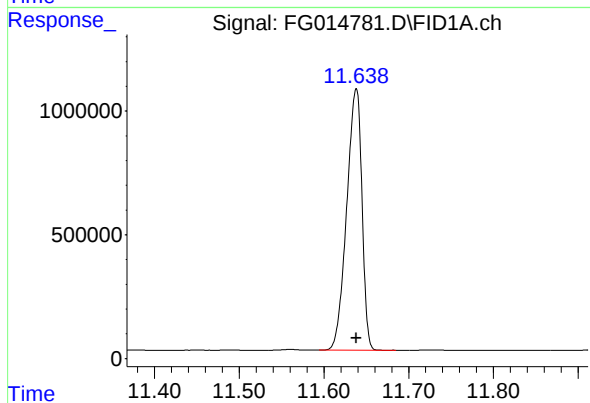
#6 n-Tetradecane (C14)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 13018939
Conc: 96.61 ug/ml



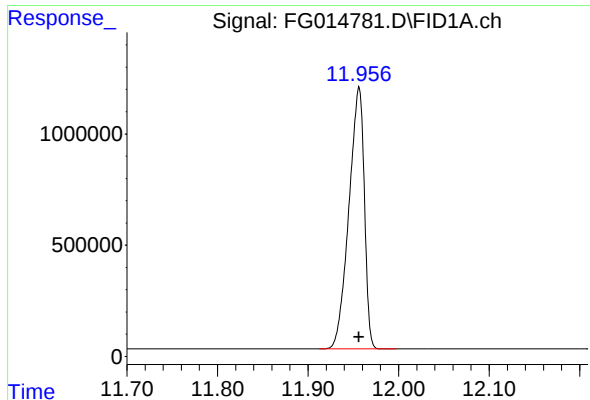
#7 n-Hexadecane (C16)

R.T.: 10.190 min
Delta R.T.: 0.000 min
Response: 13296918
Conc: 96.56 ug/ml



#8 n-Octadecane (C18)

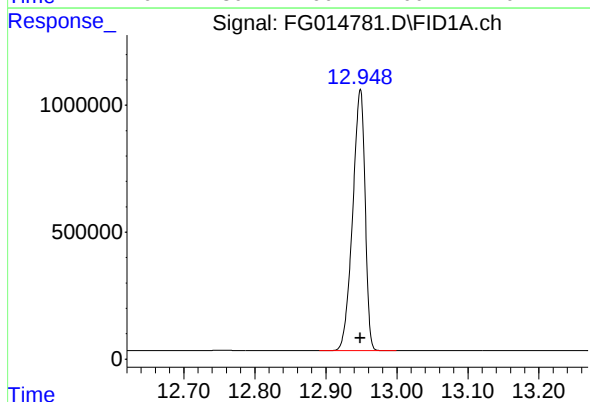
R.T.: 11.638 min
Delta R.T.: 0.000 min
Response: 13210637
Conc: 96.58 ug/ml



#9 ortho-Terphenyl (SURR)

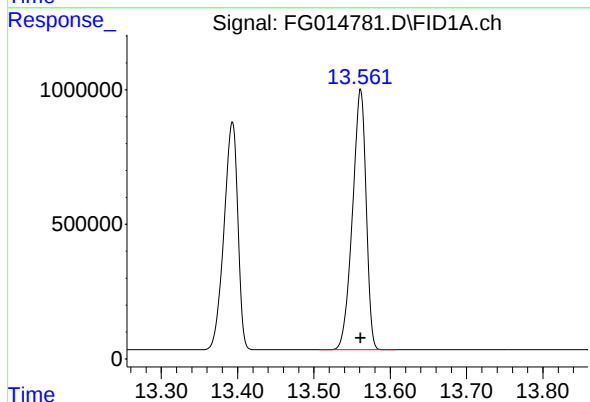
R.T.: 11.956 min
Delta R.T.: 0.000 min
Response: 13891170
Conc: 96.70 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



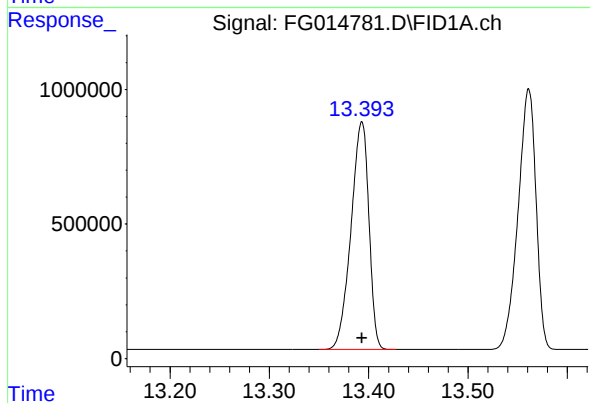
#10 n-Eicosane (C20)

R.T.: 12.949 min
Delta R.T.: 0.000 min
Response: 12487559
Conc: 96.65 ug/ml



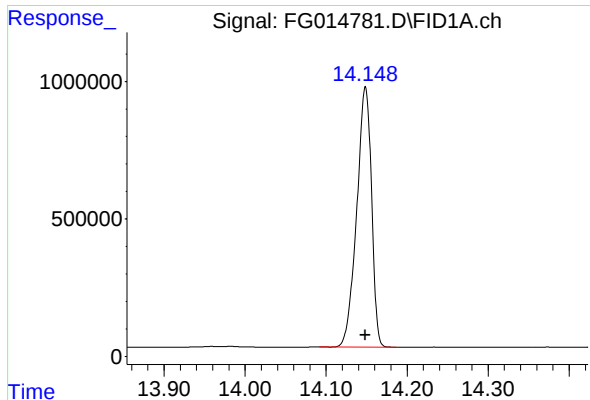
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: 0.000 min
Response: 12186255
Conc: 96.60 ug/ml



#12 1-chlorooctadecane (SURR)

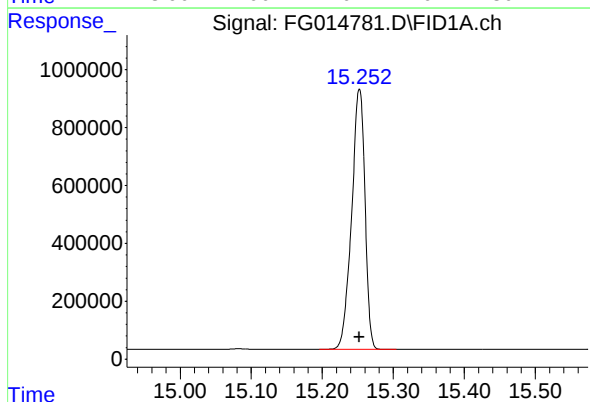
R.T.: 13.393 min
Delta R.T.: 0.000 min
Response: 10591812
Conc: 97.31 ug/ml



#13 n-Docosane (C22)

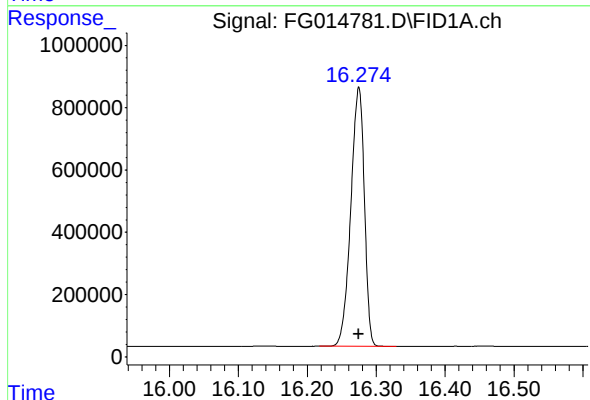
R.T.: 14.149 min
Delta R.T.: 0.000 min
Response: 12005437
Conc: 96.60 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



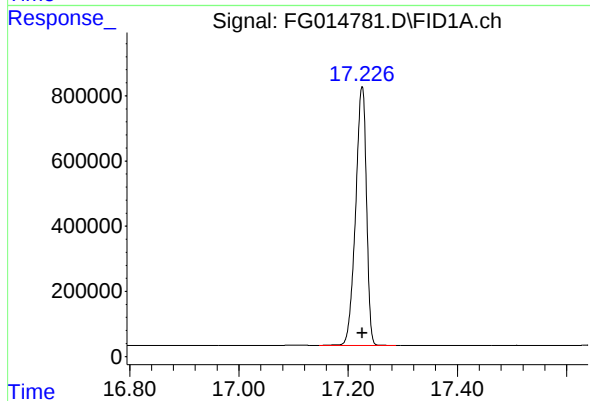
#14 n-Tetracosane (C24)

R.T.: 15.252 min
Delta R.T.: 0.000 min
Response: 11741065
Conc: 96.54 ug/ml



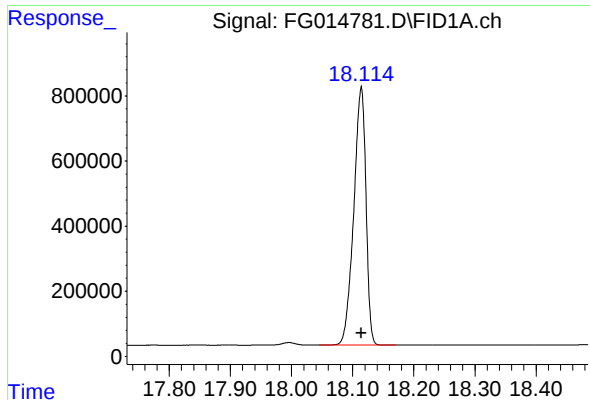
#15 n-Hexacosane (C26)

R.T.: 16.275 min
Delta R.T.: 0.000 min
Response: 11342932
Conc: 96.13 ug/ml



#16 n-Octacosane (C28)

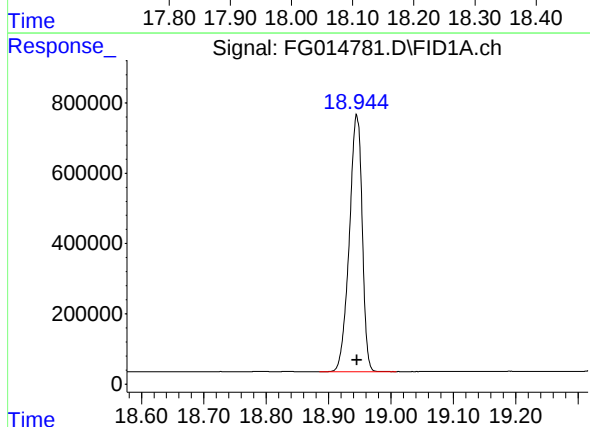
R.T.: 17.226 min
Delta R.T.: 0.000 min
Response: 10971191
Conc: 95.09 ug/ml



#17 n-Tricontane (C30)

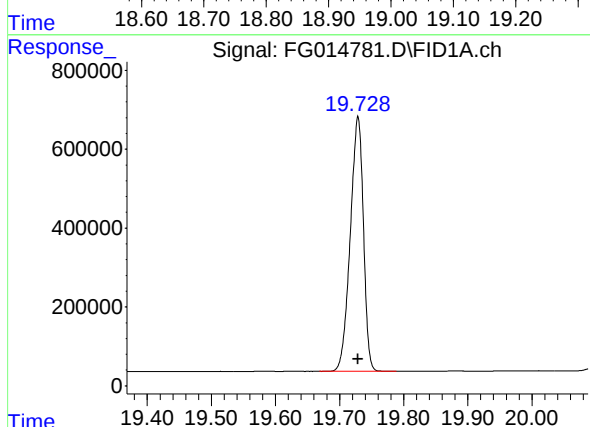
R.T.: 18.114 min
Delta R.T.: 0.000 min
Response: 10964719
Conc: 92.38 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



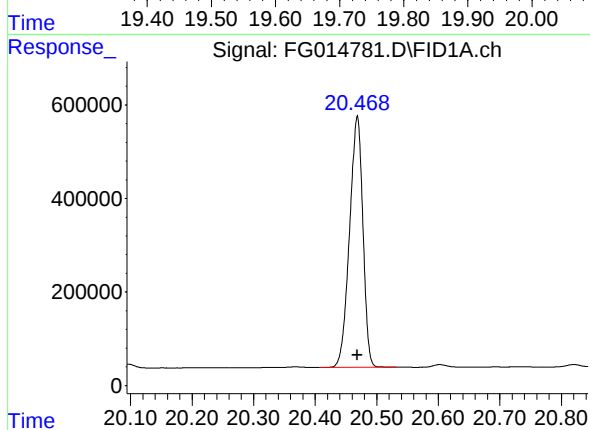
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: 0.000 min
Response: 10483317
Conc: 90.52 ug/ml



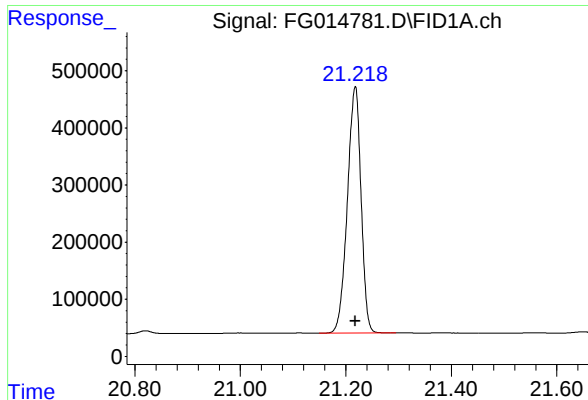
#19 n-Tetatriacontane (C34)

R.T.: 19.729 min
Delta R.T.: 0.000 min
Response: 9216474
Conc: 91.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.469 min
Delta R.T.: 0.000 min
Response: 8076907
Conc: 92.71 ug/ml



#21 n-Octatriacontane (C38)

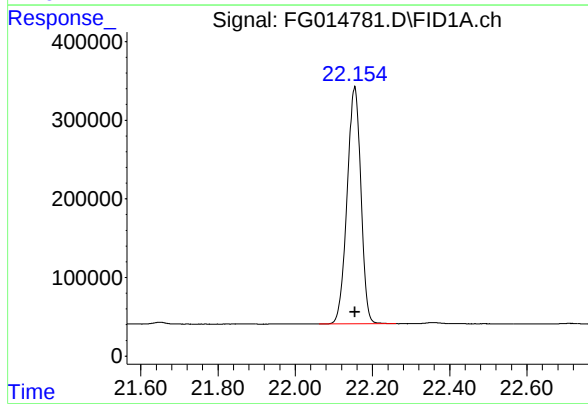
R.T.: 21.218 min
Delta R.T.: 0.000 min
Response: 7767545
Conc: 93.35 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.154 min
Delta R.T.: 0.000 min
Response: 7527180
Conc: 92.97 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AL\
Data File : FG014781.D
Signal(s) : FID1A.ch
Acq On : 14 Nov 2024 14:16
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.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	3.325	3.282	3.365	BB	1261500	12687441	91.09%	4.976%
2	4.576	4.530	4.623	BB	1256738	12974818	93.16%	5.089%
3	6.280	6.242	6.313	BV	1409981	13927909	100.00%	5.463%
4	6.746	6.709	6.791	BB	1262266	13142835	94.36%	5.155%
5	7.379	7.321	7.427	BB	1290960	13449166	96.56%	5.275%
6	8.578	8.526	8.614	BB	1183015	13018939	93.47%	5.106%
7	10.190	10.145	10.237	BB	1173787	13296918	95.47%	5.215%
8	11.638	11.594	11.685	BB	1057663	13210637	94.85%	5.181%
9	11.956	11.913	11.998	BB	1178949	13891170	99.74%	5.448%
10	12.949	12.891	12.999	BB	1028918	12487559	89.66%	4.898%
11	13.393	13.350	13.428	BB	847148	10591812	76.05%	4.154%
12	13.561	13.507	13.608	BB	969740	12186255	87.50%	4.780%
13	14.149	14.092	14.187	BB	947911	12005437	86.20%	4.709%
14	15.252	15.196	15.304	BB	899451	11741065	84.30%	4.605%
15	16.275	16.218	16.329	BB	832466	11342932	81.44%	4.449%
16	17.226	17.147	17.288	BB	794239	10971191	78.77%	4.303%
17	18.114	18.045	18.171	BB	793438	10964719	78.72%	4.301%
18	18.945	18.885	19.008	BB	730495	10483317	75.27%	4.112%
19	19.729	19.668	19.788	BB	647123	9216474	66.17%	3.615%
20	20.469	20.407	20.532	BB	537451	8076907	57.99%	3.168%
21	21.218	21.149	21.295	BB	431862	7767545	55.77%	3.047%
22	22.154	22.062	22.261	BB	301999	7527180	54.04%	2.952%
Sum of corrected areas:						254962224		

Aliphatic EPH 111424.M Fri Nov 15 02:20:49 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AL\
 Data File : FG014782.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 14:44
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Nov 14 16:29:21 2024
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12) S 1-chlorooctadecane (S...	13.389	5489508	50.287 ug/ml
Spiked Amount 50.000		Recovery =	100.57%
Target Compounds			
1) T n-Nonane (C9)	3.322	6570826	49.966 ug/ml
2) T n-Decane (C10)	4.573	6717685	49.967 ug/ml
3) T A~Naphthalene (C11.7)	6.276	7212186	50.048 ug/ml
4) T n-Dodecane (C12)	6.742	6799477	49.982 ug/ml
5) T A~2-methylnaphthalene...	7.374	6961926	50.066 ug/ml
6) T n-Tetradecane (C14)	8.574	6747097	50.046 ug/ml
7) T n-Hexadecane (C16)	10.185	6908104	50.109 ug/ml
8) T n-Octadecane (C18)	11.633	6878882	50.192 ug/ml
10) T n-Eicosane (C20)	12.944	6500189	50.206 ug/ml
11) T n-Heneicosane (C21)	13.557	6348980	50.217 ug/ml
13) T n-Docosane (C22)	14.144	6248068	50.182 ug/ml
14) T n-Tetracosane (C24)	15.248	6099239	50.099 ug/ml
15) T n-Hexacosane (C26)	16.270	5886485	49.923 ug/ml
16) T n-Octacosane (C28)	17.221	5709382	49.656 ug/ml
17) T n-Tricontane (C30)	18.108	5747616	48.937 ug/ml
18) T n-Dotriacontane (C32)	18.941	5537417	48.520 ug/ml
19) T n-Tetratriacontane (C34)	19.725	4863654	48.827 ug/ml
20) T n-Hexatriacontane (C36)	20.466	4255608	49.226 ug/ml
21) T n-Octatriacontane (C38)	21.214	4116484	49.646 ug/ml
22) T n-Tetracontane (C40)	22.149	4031134	49.861 ug/ml

(f)=RT Delta > 1/2 Window

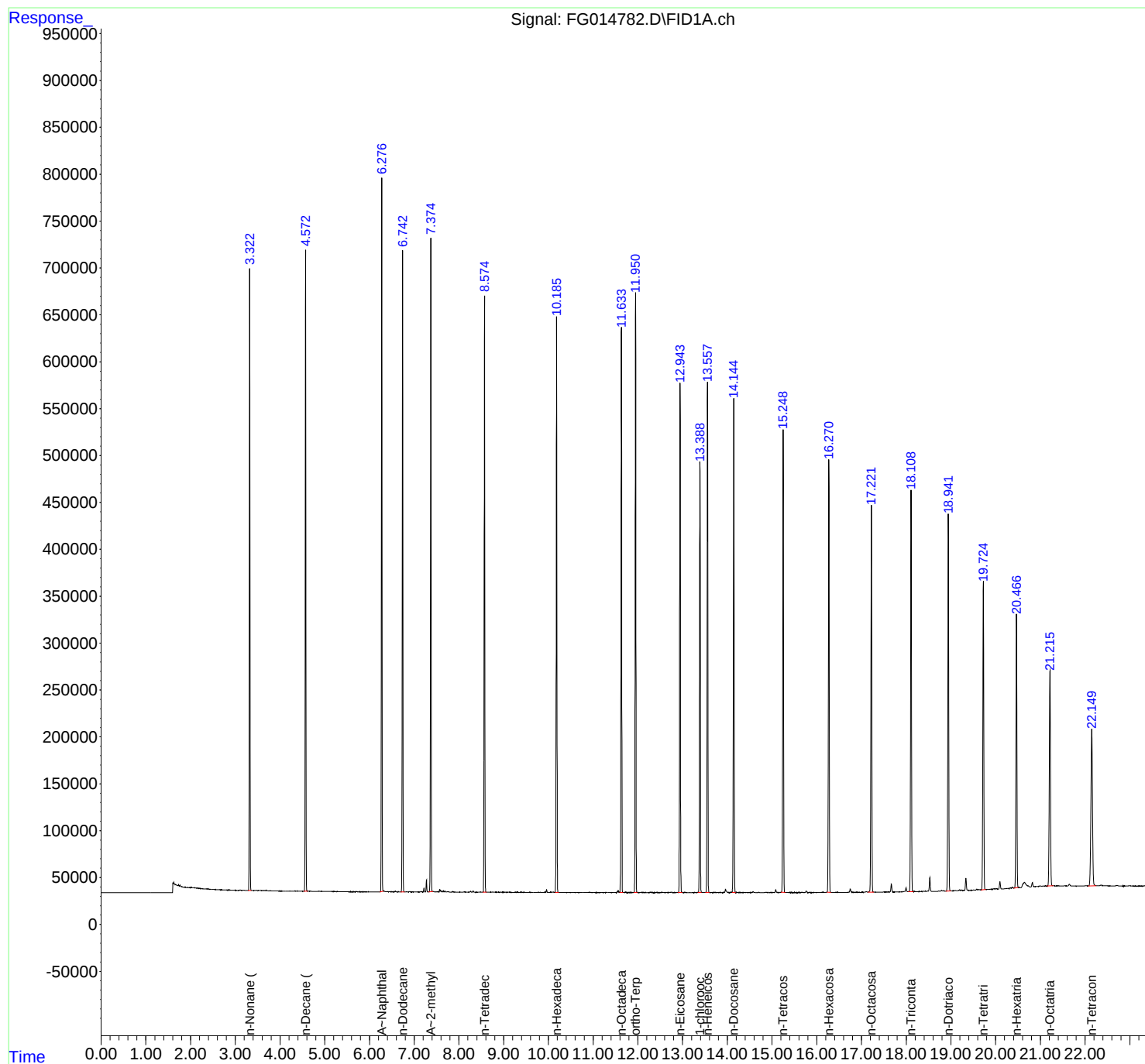
(m)=manual int.

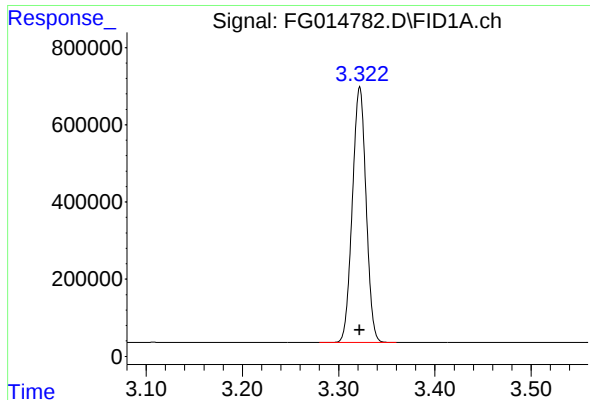
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

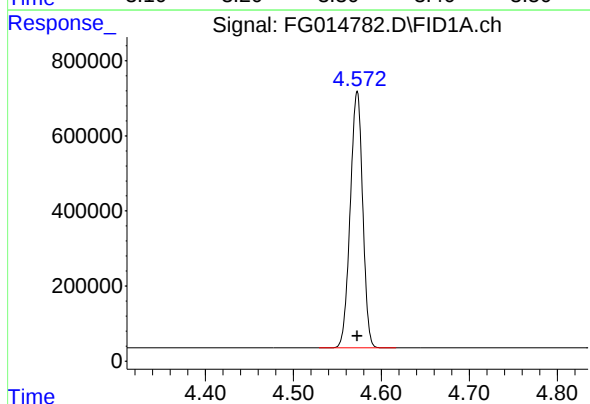




#1 n-Nonane (C9)

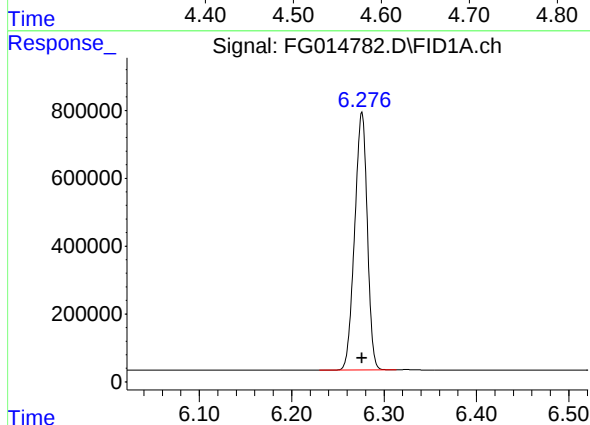
R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 6570826
Conc: 49.97 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



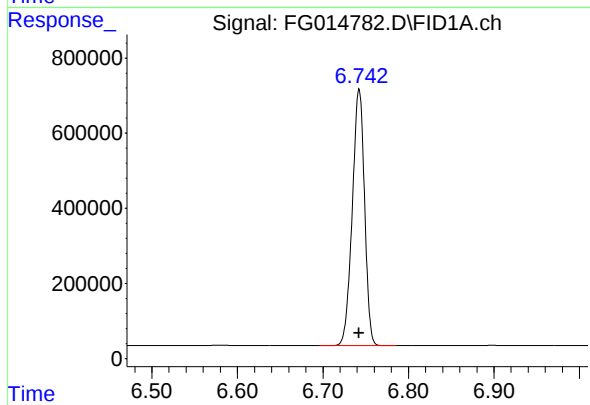
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 6717685
Conc: 49.97 ug/ml



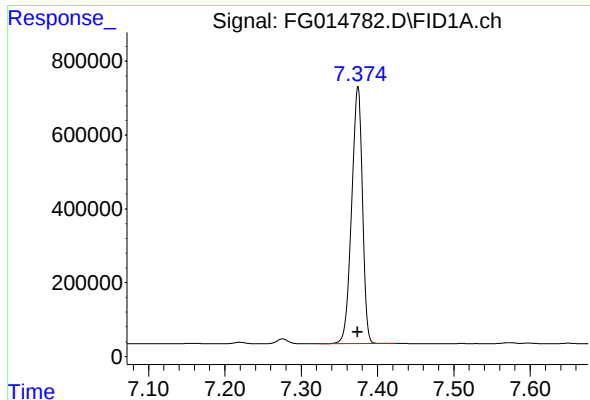
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 7212186
Conc: 50.05 ug/ml



#4 n-Dodecane (C12)

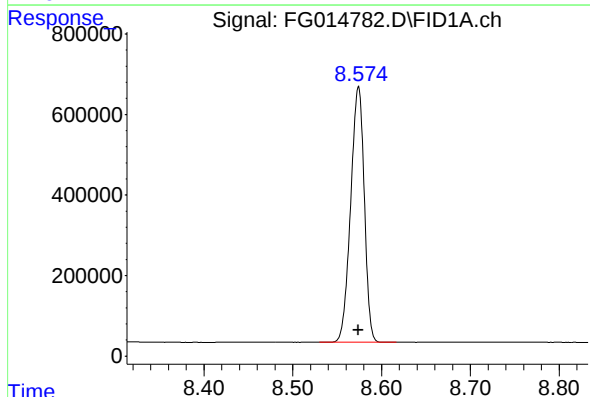
R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 6799477
Conc: 49.98 ug/ml



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

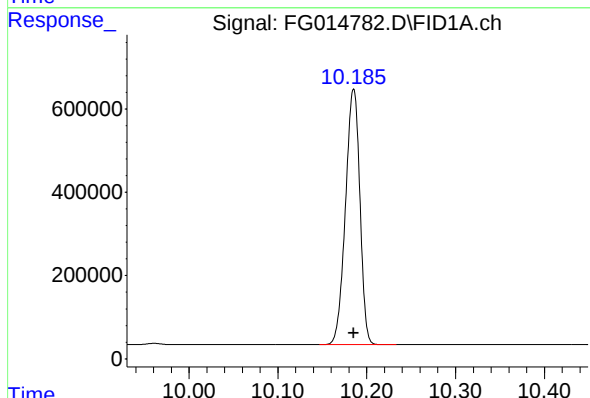
R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 6961926
Conc: 50.07 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



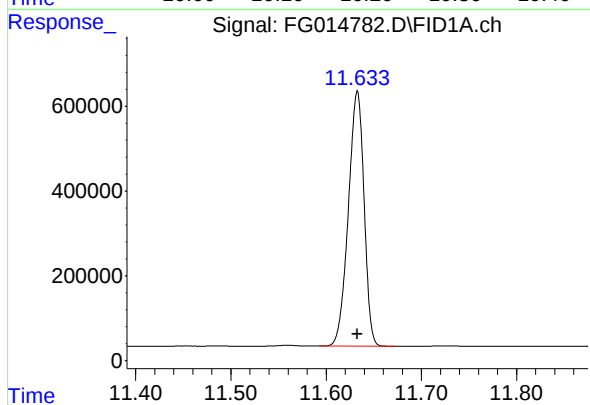
#6 n-Tetradecane (C14)

R.T.: 8.574 min
Delta R.T.: 0.000 min
Response: 6747097
Conc: 50.05 ug/ml



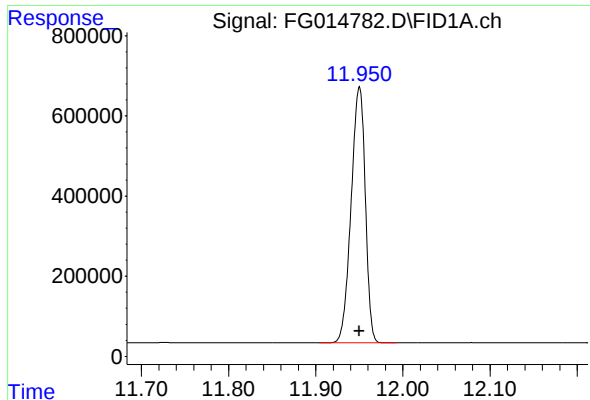
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: 0.000 min
Response: 6908104
Conc: 50.11 ug/ml



#8 n-Octadecane (C18)

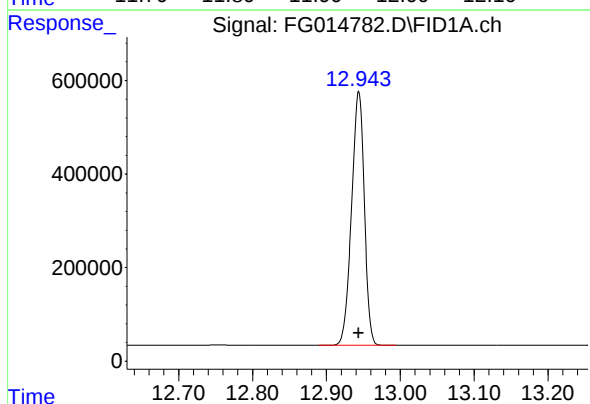
R.T.: 11.633 min
Delta R.T.: 0.000 min
Response: 6878882
Conc: 50.19 ug/ml



#9 ortho-Terphenyl (SURR)

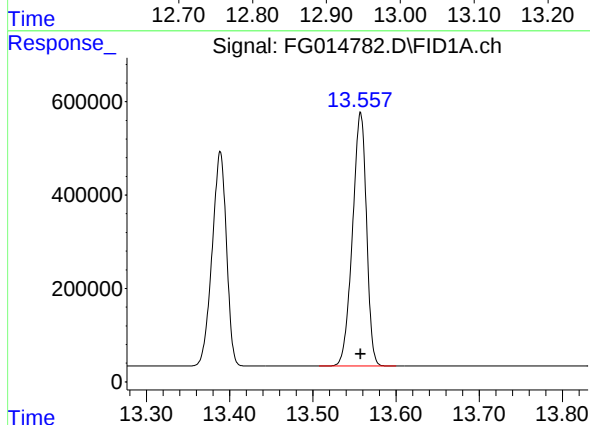
R.T.: 11.950 min
Delta R.T.: 0.000 min
Response: 7214550
Conc: 50.15 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



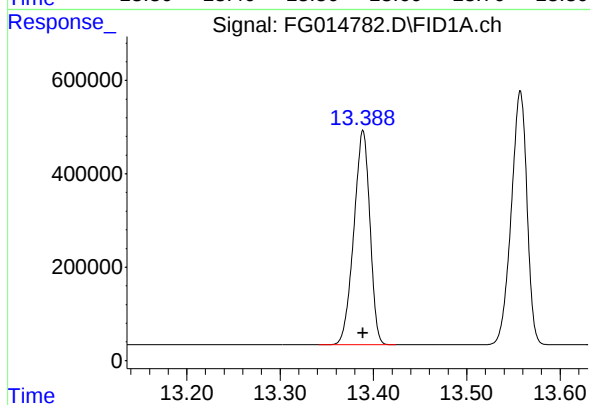
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: 0.000 min
Response: 6500189
Conc: 50.21 ug/ml



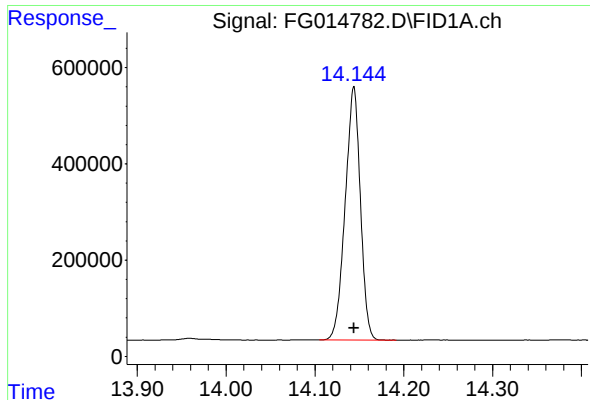
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: 0.000 min
Response: 6348980
Conc: 50.22 ug/ml



#12 1-chlorooctadecane (SURR)

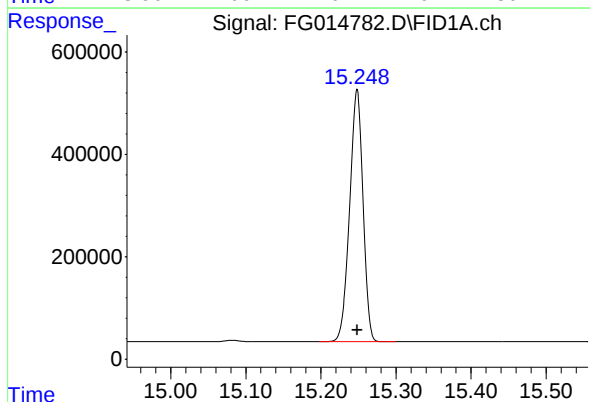
R.T.: 13.389 min
Delta R.T.: 0.000 min
Response: 5489508
Conc: 50.29 ug/ml



#13 n-Docosane (C22)

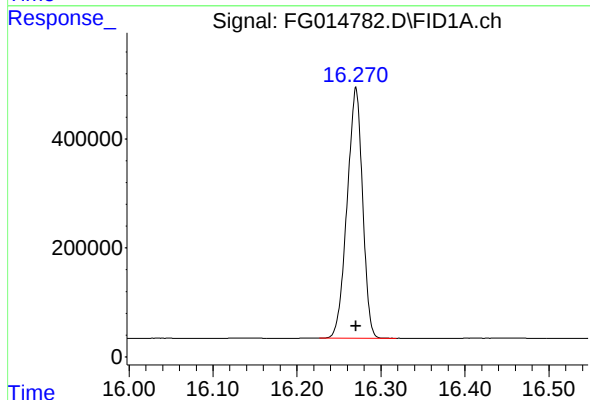
R.T.: 14.144 min
Delta R.T.: 0.000 min
Response: 6248068
Conc: 50.18 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



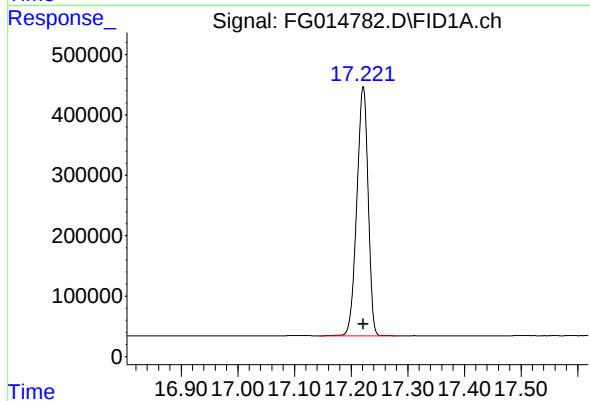
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: 0.000 min
Response: 6099239
Conc: 50.10 ug/ml



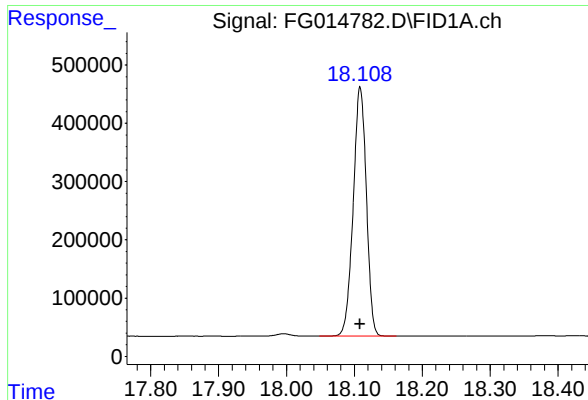
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: 0.000 min
Response: 5886485
Conc: 49.92 ug/ml



#16 n-Octacosane (C28)

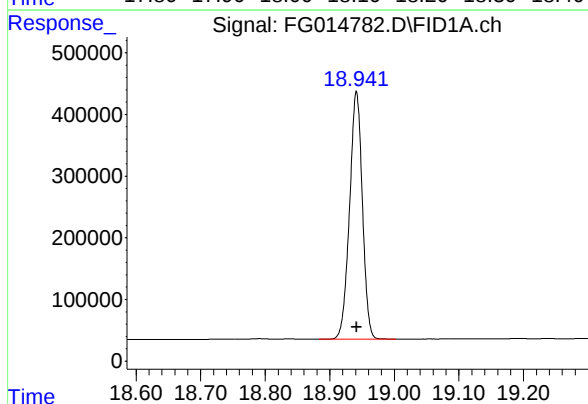
R.T.: 17.221 min
Delta R.T.: 0.000 min
Response: 5709382
Conc: 49.66 ug/ml



#17 n-Tricontane (C30)

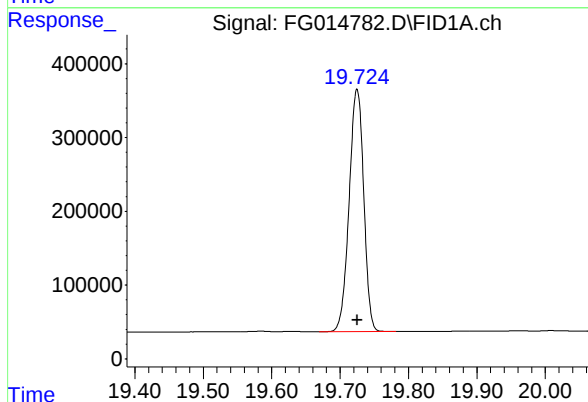
R.T.: 18.108 min
Delta R.T.: 0.000 min
Response: 5747616
Conc: 48.94 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



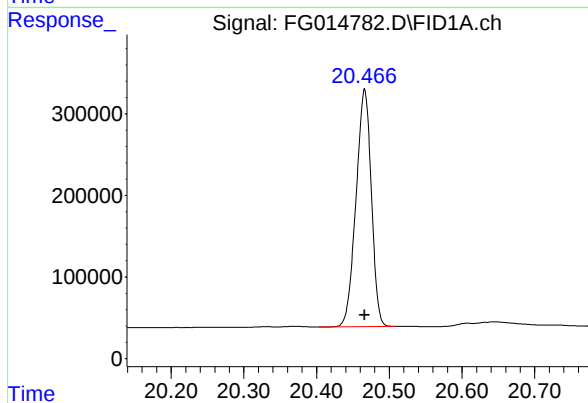
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: 0.000 min
Response: 5537417
Conc: 48.52 ug/ml



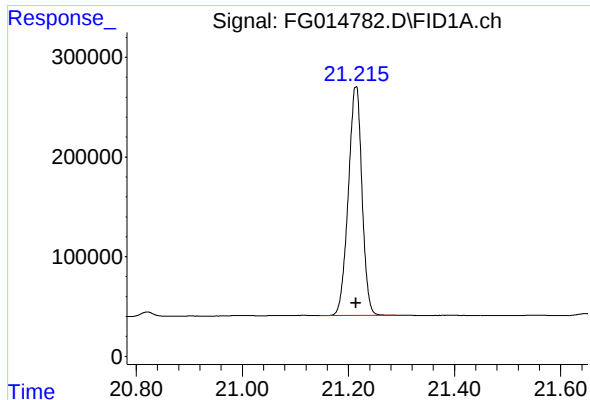
#19 n-Tetatriacontane (C34)

R.T.: 19.725 min
Delta R.T.: 0.000 min
Response: 4863654
Conc: 48.83 ug/ml



#20 n-Hexatriacontane (C36)

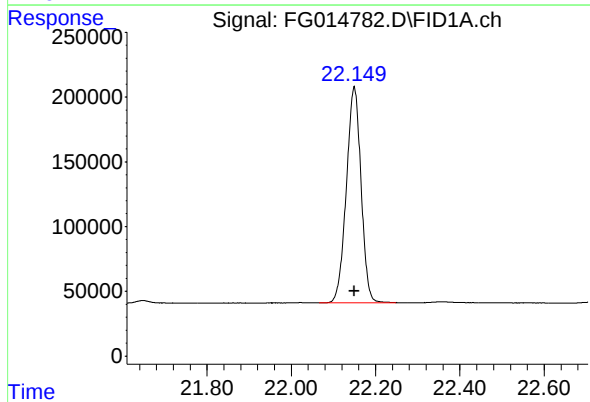
R.T.: 20.466 min
Delta R.T.: 0.000 min
Response: 4255608
Conc: 49.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: 0.000 min
Response: 4116484
Conc: 49.65 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.149 min
Delta R.T.: 0.000 min
Response: 4031134
Conc: 49.86 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AL\
Data File : FG014782.D
Signal(s) : FID1A.ch
Acq On : 14 Nov 2024 14:44
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.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	3.322	3.280	3.360	BB	662240	6570826	91.08%	4.946%
2	4.573	4.529	4.617	BB	682974	6717685	93.11%	5.057%
3	6.276	6.230	6.313	BV	759835	7212186	99.97%	5.429%
4	6.742	6.696	6.786	BB	683297	6799477	94.25%	5.118%
5	7.374	7.323	7.424	BB	696792	6961926	96.50%	5.241%
6	8.574	8.530	8.617	BB	635912	6747097	93.52%	5.079%
7	10.185	10.147	10.233	BB	613790	6908104	95.75%	5.200%
8	11.633	11.593	11.673	BB	601646	6878882	95.35%	5.178%
9	11.950	11.904	11.993	BB	639312	7214550	100.00%	5.431%
10	12.944	12.890	12.994	BB	542933	6500189	90.10%	4.893%
11	13.389	13.342	13.424	BB	459122	5489508	76.09%	4.132%
12	13.558	13.508	13.600	BB	544034	6348980	88.00%	4.779%
13	14.144	14.105	14.192	BB	527890	6248068	86.60%	4.703%
14	15.248	15.198	15.300	BB	493693	6099239	84.54%	4.591%
15	16.270	16.227	16.318	BB	461317	5886485	81.59%	4.431%
16	17.221	17.143	17.279	BB	412480	5709382	79.14%	4.298%
17	18.108	18.048	18.162	BB	428140	5747616	79.67%	4.327%
18	18.941	18.883	19.003	BB	401769	5537417	76.75%	4.168%
19	19.725	19.669	19.782	BB	328734	4863654	67.41%	3.661%
20	20.466	20.403	20.509	BB	291660	4255608	58.99%	3.203%
21	21.214	21.145	21.290	BB	229196	4116484	57.06%	3.099%
22	22.149	22.066	22.248	BB	167193	4031134	55.88%	3.034%
Sum of corrected areas:						132844496		

Aliphatic EPH 111424.M Fri Nov 15 02:21:33 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AL\
 Data File : FG014783.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 15:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Nov 14 16:25:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 16:25:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.946	2967987	20.000 ug/ml
Spiked Amount	50.000	Recovery	= 40.00%
12) S 1-chlorooctadecane (S...	13.385	2235676	20.000 ug/ml
Spiked Amount	50.000	Recovery	= 40.00%
Target Compounds			
1) T n-Nonane (C9)	3.321	2724556	20.000 ug/ml
2) T n-Decane (C10)	4.571	2784544	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.274	2975901	20.000 ug/ml
4) T n-Dodecane (C12)	6.740	2814002	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.372	2868763	20.000 ug/ml
6) T n-Tetradecane (C14)	8.571	2786444	20.000 ug/ml
7) T n-Hexadecane (C16)	10.183	2849069	20.000 ug/ml
8) T n-Octadecane (C18)	11.629	2829344	20.000 ug/ml
10) T n-Eicosane (C20)	12.940	2670632	20.000 ug/ml
11) T n-Heneicosane (C21)	13.554	2608942	20.000 ug/ml
13) T n-Docosane (C22)	14.141	2570175	20.000 ug/ml
14) T n-Tetracosane (C24)	15.245	2516756	20.000 ug/ml
15) T n-Hexacosane (C26)	16.267	2451433	20.000 ug/ml
16) T n-Octacosane (C28)	17.219	2420746	20.000 ug/ml
17) T n-Tricontane (C30)	18.106	2554968	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.940	2535899	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.724	2187786	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.463	1869394	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.212	1774909	20.000 ug/ml
22) T n-Tetracontane (C40)	22.148	1732983	20.000 ug/ml

(f)=RT Delta > 1/2 Window

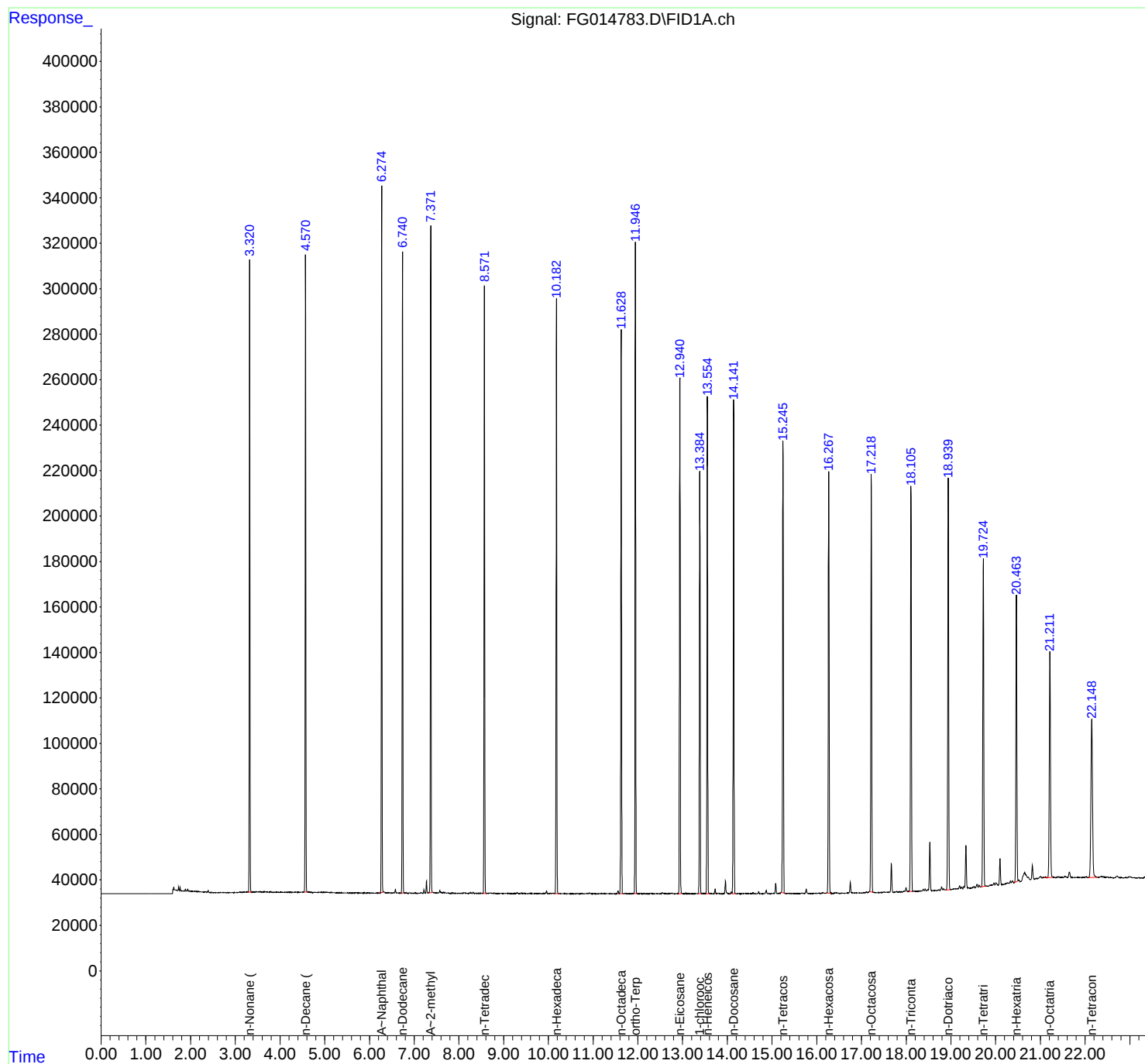
(m)=manual int.

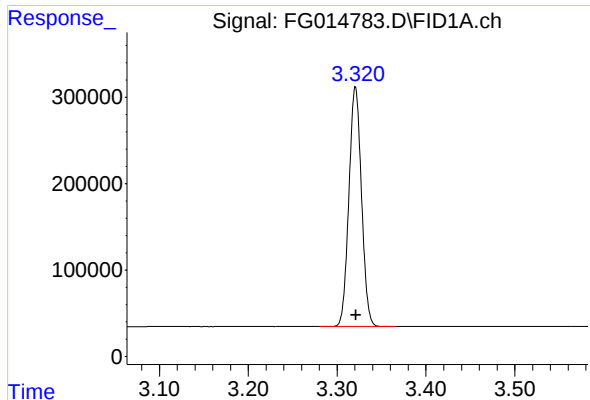
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AL\
Data File : FG014783.D
Signal(s) : FID1A.ch
Acq On : 14 Nov 2024 15:12
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Nov 14 16:25:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 16:25:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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

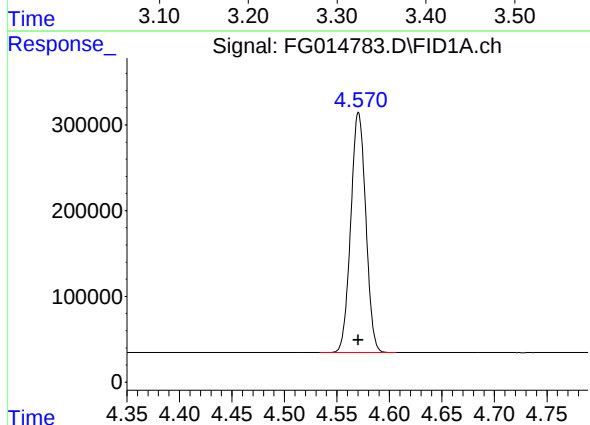




#1 n-Nonane (C9)

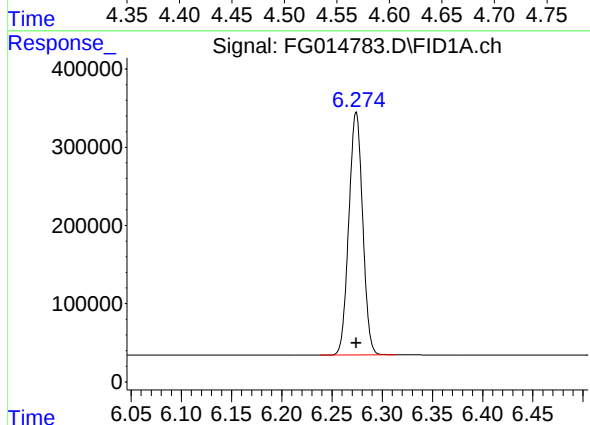
R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 2724556
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



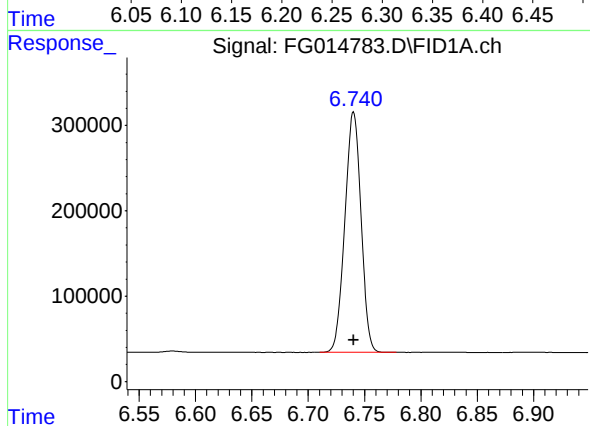
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 2784544
Conc: 20.00 ug/ml



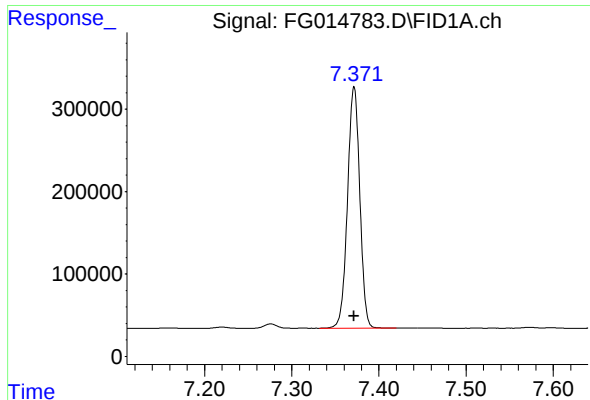
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 2975901
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

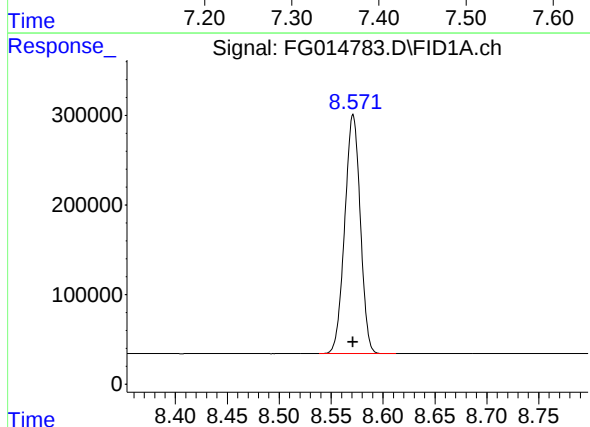
R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 2814002
Conc: 20.00 ug/ml



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

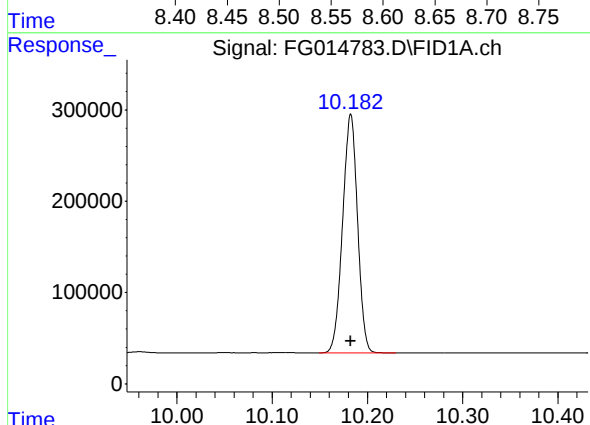
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 2868763
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



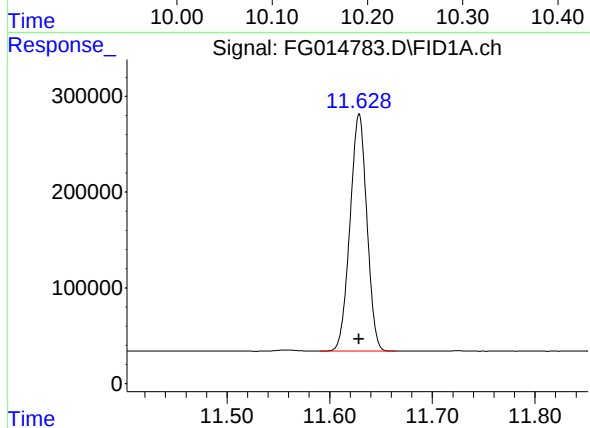
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 2786444
Conc: 20.00 ug/ml



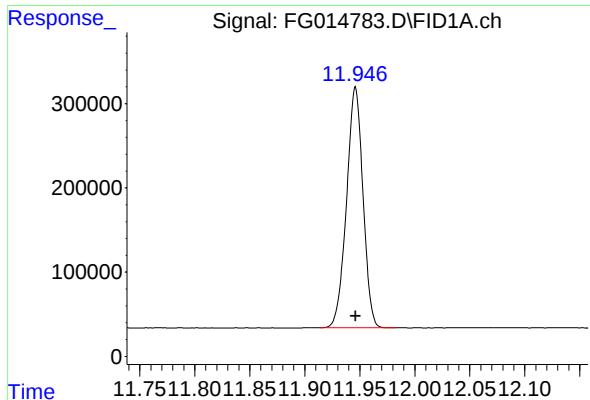
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: 0.000 min
Response: 2849069
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

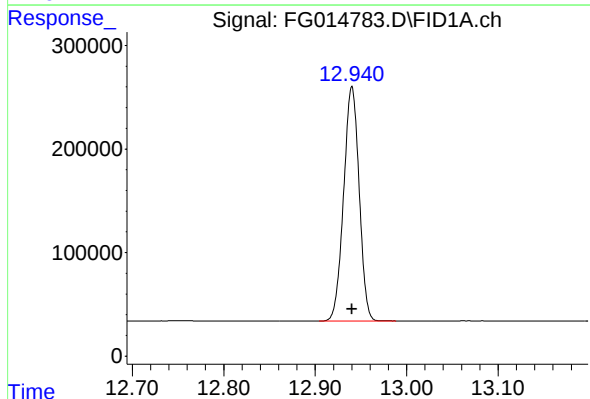
R.T.: 11.629 min
Delta R.T.: 0.000 min
Response: 2829344
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

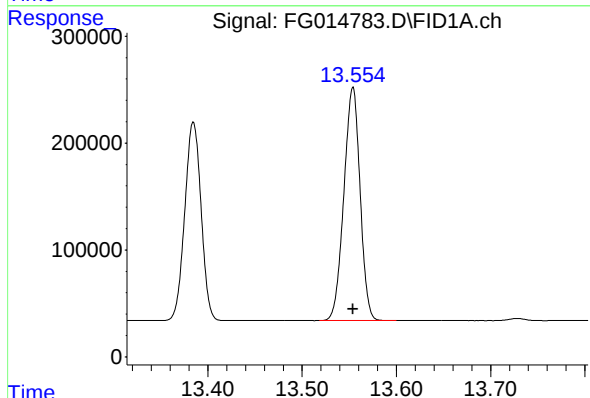
R.T.: 11.946 min
Delta R.T.: 0.000 min
Response: 2967987
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



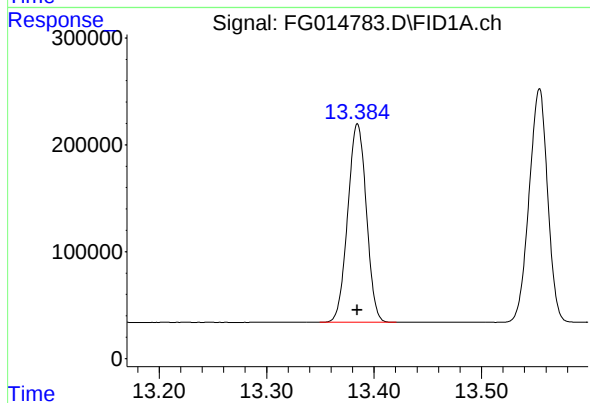
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: 0.000 min
Response: 2670632
Conc: 20.00 ug/ml



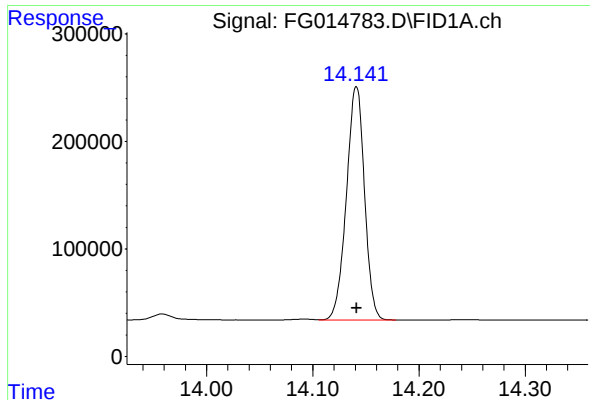
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.000 min
Response: 2608942
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

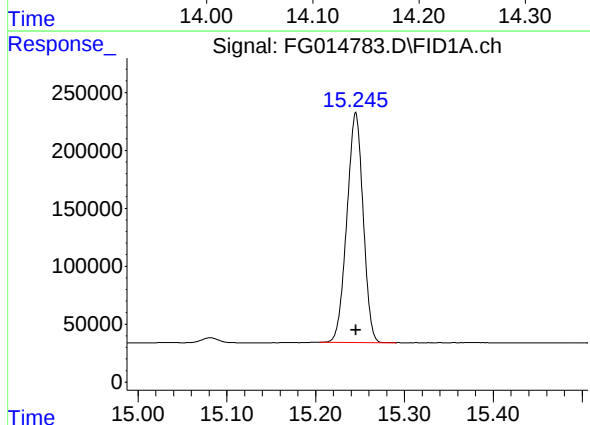
R.T.: 13.385 min
Delta R.T.: 0.000 min
Response: 2235676
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

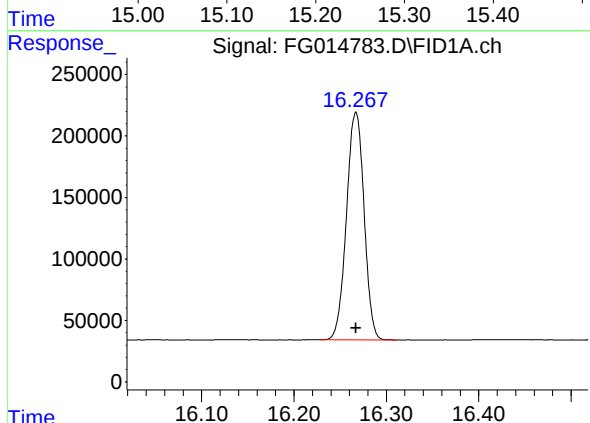
R.T.: 14.141 min
Delta R.T.: 0.000 min
Response: 2570175
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



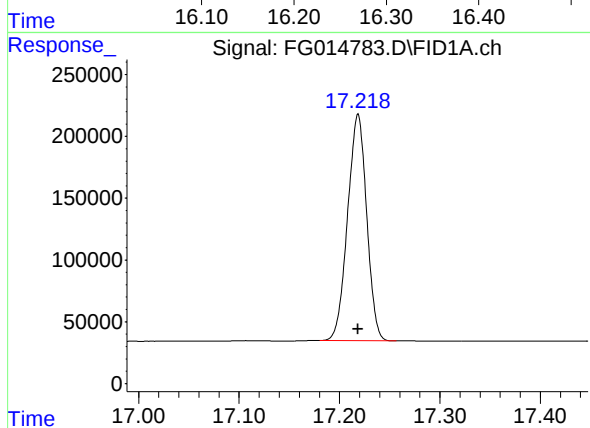
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: 0.000 min
Response: 2516756
Conc: 20.00 ug/ml



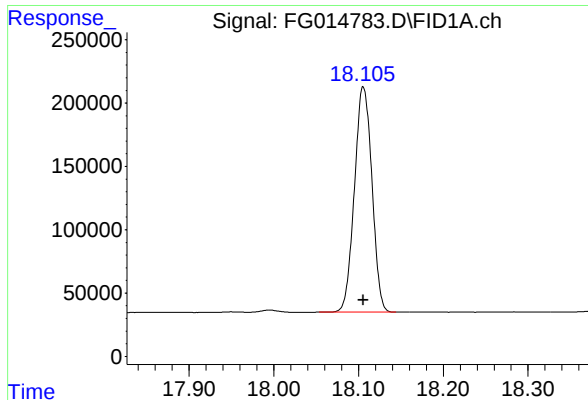
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: 0.000 min
Response: 2451433
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

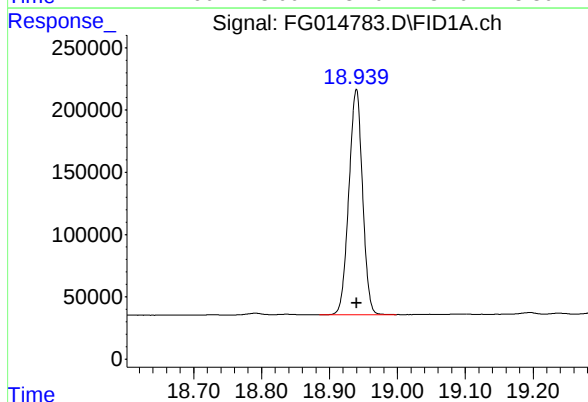
R.T.: 17.219 min
Delta R.T.: 0.000 min
Response: 2420746
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

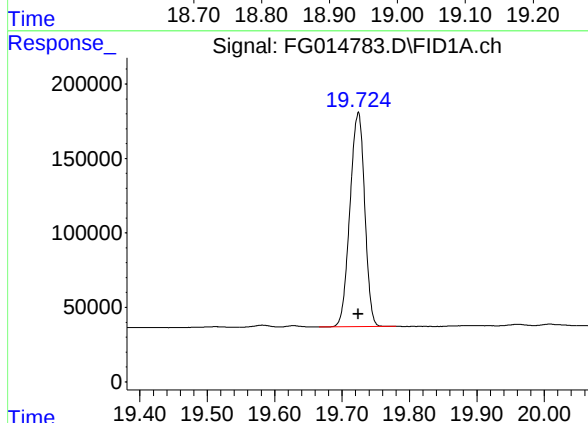
R.T.: 18.106 min
Delta R.T.: 0.000 min
Response: 2554968
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



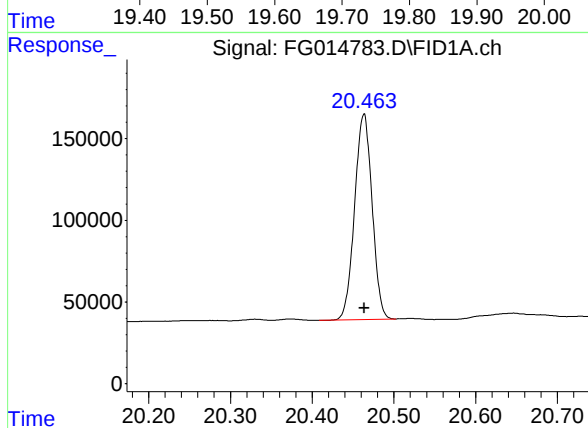
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: 0.000 min
Response: 2535899
Conc: 20.00 ug/ml



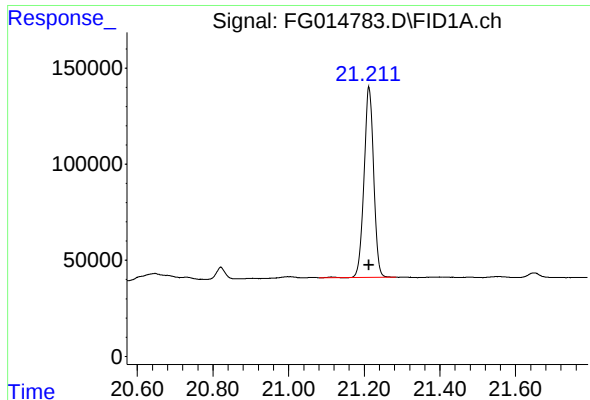
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: 0.000 min
Response: 2187786
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

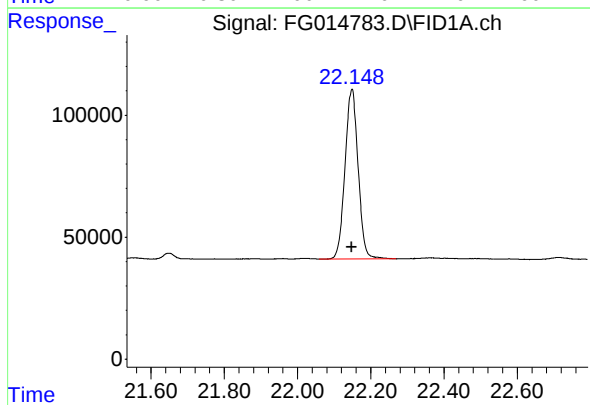
R.T.: 20.463 min
Delta R.T.: 0.000 min
Response: 1869394
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: 0.000 min
Response: 1774909
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.148 min
Delta R.T.: 0.000 min
Response: 1732983
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AL\
Data File : FG014783.D
Signal(s) : FID1A.ch
Acq On : 14 Nov 2024 15:12
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 33 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.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	3.321	3.280	3.367	BB	277805	2724556	91.55%	4.889%
2	4.571	4.533	4.607	BB	279977	2784544	93.57%	4.996%
3	6.274	6.238	6.314	BB	310817	2975901	100.00%	5.340%
4	6.740	6.710	6.778	BB	281821	2814002	94.56%	5.049%
5	7.372	7.332	7.420	BB	293533	2868763	96.40%	5.148%
6	8.571	8.538	8.613	BB	266970	2786444	93.63%	5.000%
7	10.183	10.149	10.230	BB	261670	2849069	95.74%	5.112%
8	11.629	11.590	11.665	BB	247842	2829344	95.08%	5.077%
9	11.946	11.913	11.983	BB	286305	2967987	99.73%	5.326%
10	12.940	12.904	12.988	BB	226575	2670632	89.74%	4.792%
11	13.385	13.349	13.421	BB	185780	2235676	75.13%	4.012%
12	13.554	13.518	13.600	BB	218772	2608942	87.67%	4.681%
13	14.141	14.106	14.178	VB	217263	2570175	86.37%	4.612%
14	15.245	15.204	15.291	BB	198582	2516756	84.57%	4.516%
15	16.267	16.227	16.311	BB	185299	2451433	82.38%	4.399%
16	17.219	17.180	17.257	BB	183568	2420746	81.35%	4.344%
17	18.106	18.053	18.144	BB	177925	2554968	85.86%	4.584%
18	18.940	18.885	18.998	BB	181135	2535899	85.21%	4.550%
19	19.724	19.666	19.780	BB	144009	2187786	73.52%	3.926%
20	20.463	20.408	20.503	BB	125997	1869394	62.82%	3.354%
21	21.212	21.080	21.284	BB	99004	1774909	59.64%	3.185%
22	22.148	22.059	22.269	BB	69685	1732983	58.23%	3.110%
Sum of corrected areas:							55730909	

Aliphatic EPH 111424.M Fri Nov 15 02:22:03 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AL\
 Data File : FG014784.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 15:41
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Nov 14 16:30:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 16:25:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.945	1539960	10.519 ug/ml
Spiked Amount 50.000		Recovery =	21.04%
12) S 1-chlorooctadecane (S...	13.384	1152530	10.413 ug/ml
Spiked Amount 50.000		Recovery =	20.83%
Target Compounds			
1) T n-Nonane (C9)	3.320	1417556	10.573 ug/ml
2) T n-Decane (C10)	4.570	1446466	10.559 ug/ml
3) T A~Naphthalene (C11.7)	6.274	1547727	10.545 ug/ml
4) T n-Dodecane (C12)	6.740	1460980	10.544 ug/ml
5) T A~2-methylnaphthalene...	7.371	1485875	10.505 ug/ml
6) T n-Tetradecane (C14)	8.570	1444303	10.525 ug/ml
7) T n-Hexadecane (C16)	10.182	1480407	10.544 ug/ml
8) T n-Octadecane (C18)	11.627	1470337	10.537 ug/ml
10) T n-Eicosane (C20)	12.939	1384214	10.510 ug/ml
11) T n-Heneicosane (C21)	13.553	1357063	10.540 ug/ml
13) T n-Docosane (C22)	14.140	1325753	10.478 ug/ml
14) T n-Tetracosane (C24)	15.244	1293487	10.461 ug/ml
15) T n-Hexacosane (C26)	16.265	1247151	10.427 ug/ml
16) T n-Octacosane (C28)	17.217	1227697	10.500 ug/ml
17) T n-Tricontane (C30)	18.105	1296881	10.762 ug/ml
18) T n-Dotriacontane (C32)	18.938	1309185	11.064 ug/ml
19) T n-Tetratriacontane (C34)	19.721	1142200	11.061 ug/ml
20) T n-Hexatriacontane (C36)	20.463	978340	10.956 ug/ml
21) T n-Octatriacontane (C38)	21.210	926201	10.853 ug/ml
22) T n-Tetracontane (C40)	22.147	896140	10.792 ug/ml

(f)=RT Delta > 1/2 Window

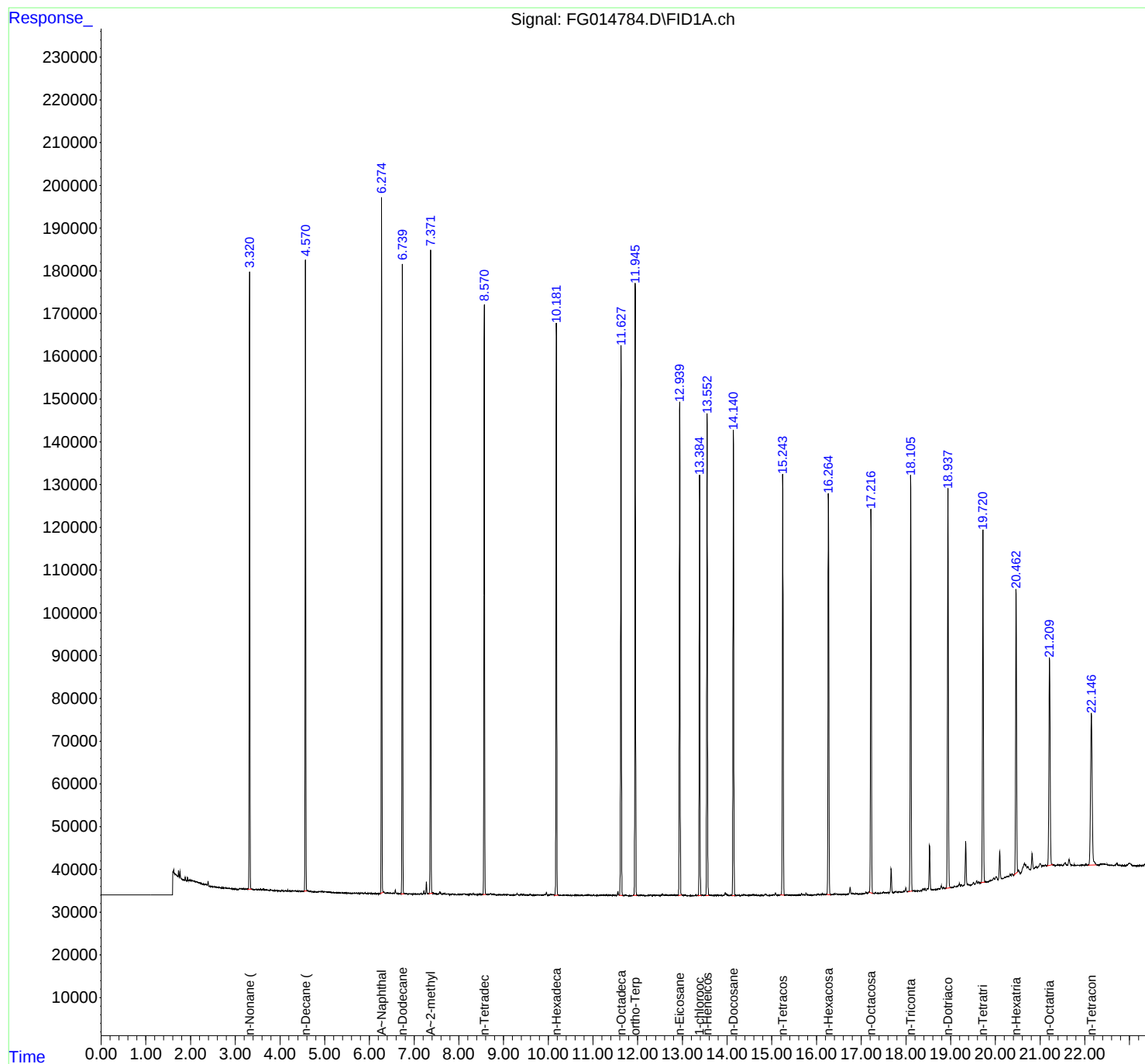
(m)=manual int.

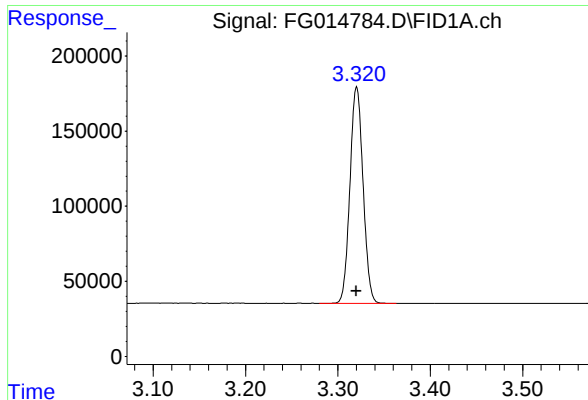
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG11424AL\
Data File : FG014784.D
Signal(s) : FID1A.ch
Acq On : 14 Nov 2024 15:41
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Nov 14 16:30:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 16:25:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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

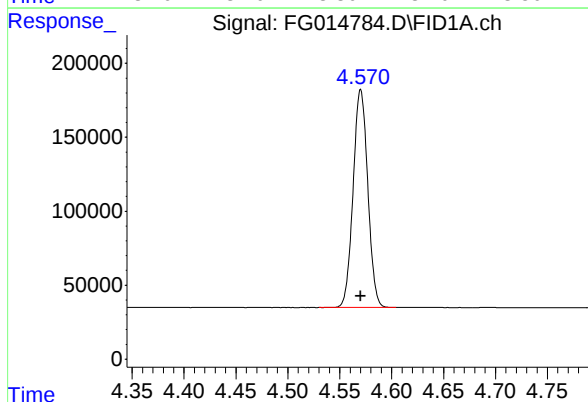




#1 n-Nonane (C9)

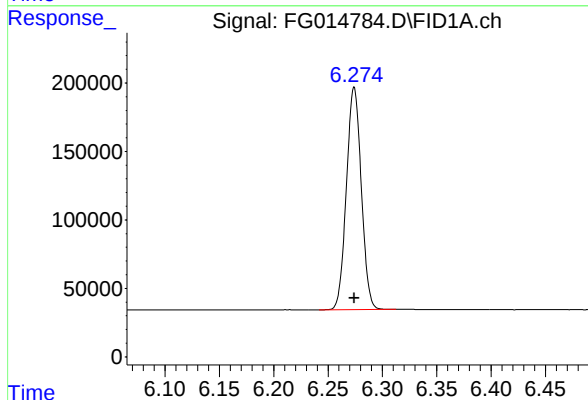
R.T.: 3.320 min
Delta R.T.: 0.000 min
Response: 1417556
Conc: 10.57 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



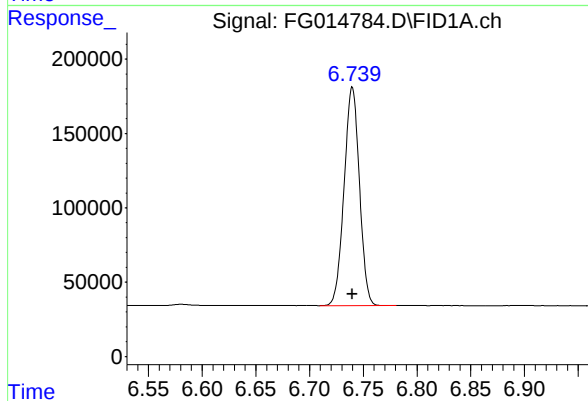
#2 n-Decane (C10)

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 1446466
Conc: 10.56 ug/ml



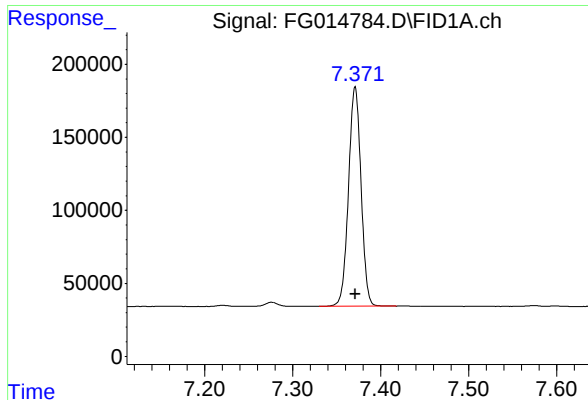
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 1547727
Conc: 10.55 ug/ml



#4 n-Dodecane (C12)

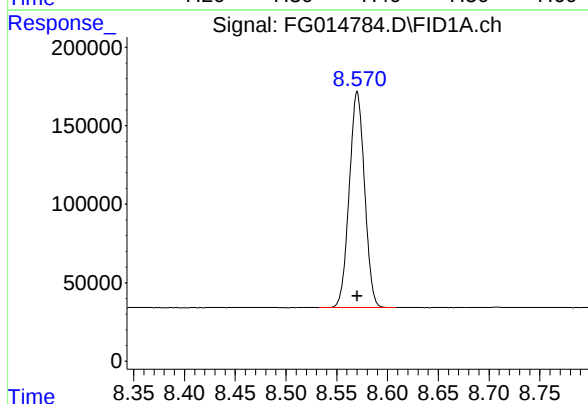
R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 1460980
Conc: 10.54 ug/ml



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

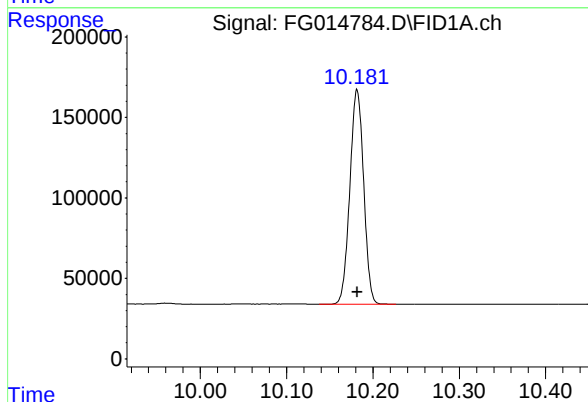
R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 1485875
Conc: 10.51 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



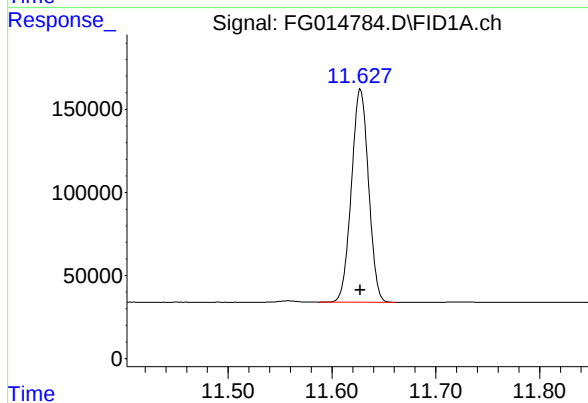
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 1444303
Conc: 10.53 ug/ml



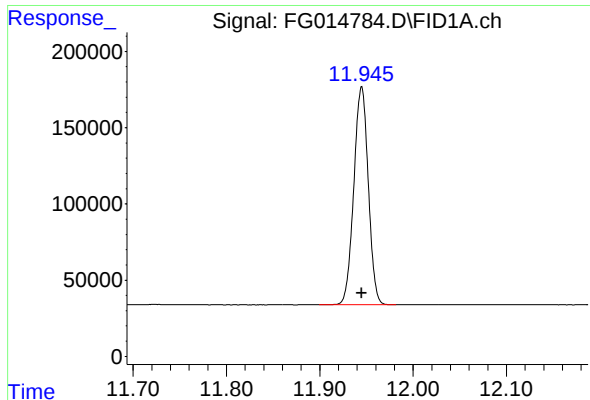
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: 0.000 min
Response: 1480407
Conc: 10.54 ug/ml



#8 n-Octadecane (C18)

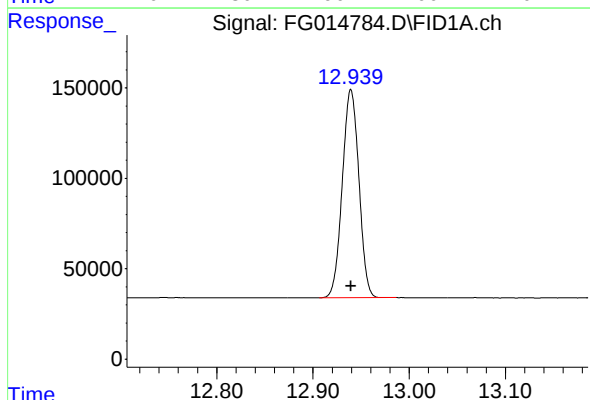
R.T.: 11.627 min
Delta R.T.: 0.000 min
Response: 1470337
Conc: 10.54 ug/ml



#9 ortho-Terphenyl (SURR)

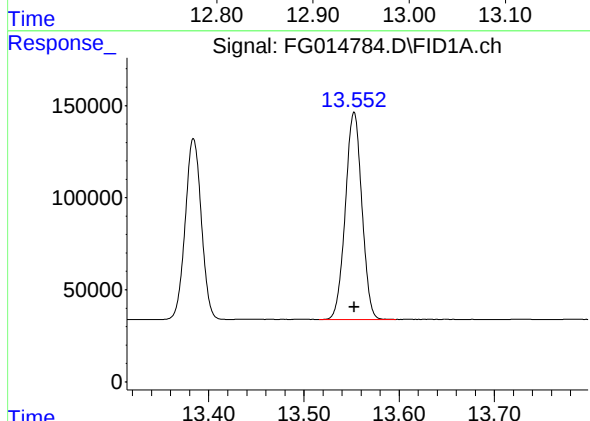
R.T.: 11.945 min
Delta R.T.: 0.000 min
Response: 1539960
Conc: 10.52 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



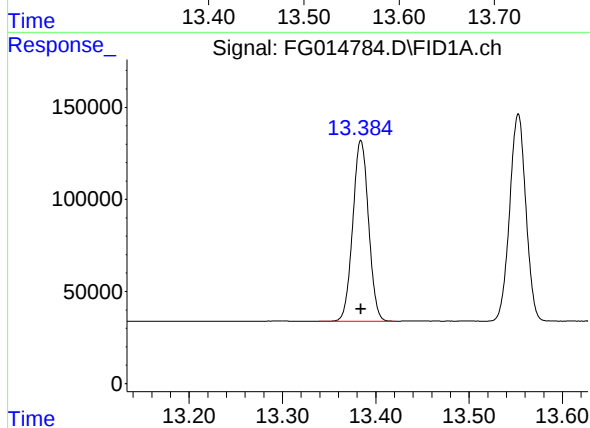
#10 n-Eicosane (C20)

R.T.: 12.939 min
Delta R.T.: 0.000 min
Response: 1384214
Conc: 10.51 ug/ml



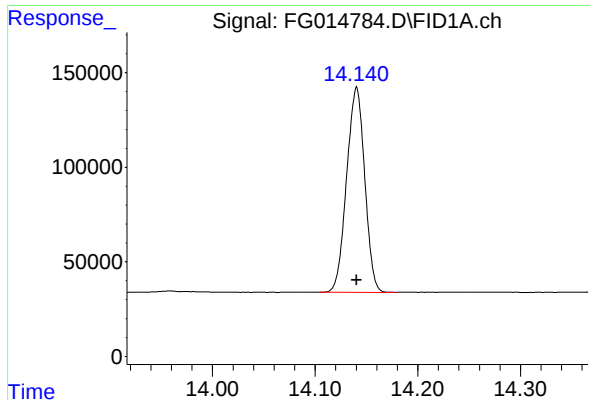
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: 0.000 min
Response: 1357063
Conc: 10.54 ug/ml



#12 1-chlorooctadecane (SURR)

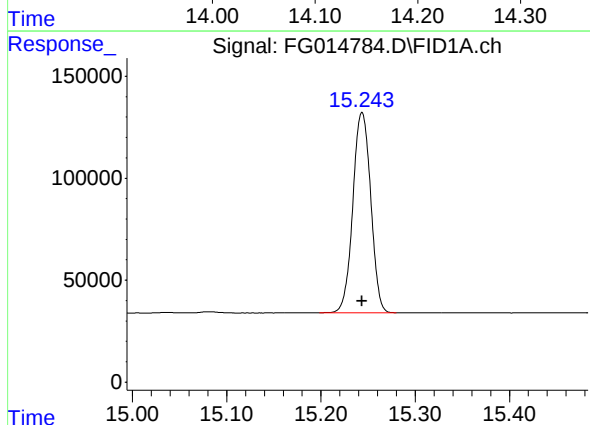
R.T.: 13.384 min
Delta R.T.: 0.000 min
Response: 1152530
Conc: 10.41 ug/ml



#13 n-Docosane (C22)

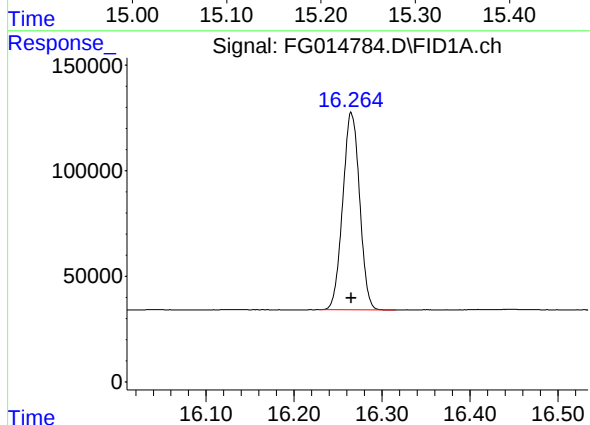
R.T.: 14.140 min
Delta R.T.: 0.000 min
Response: 1325753
Conc: 10.48 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



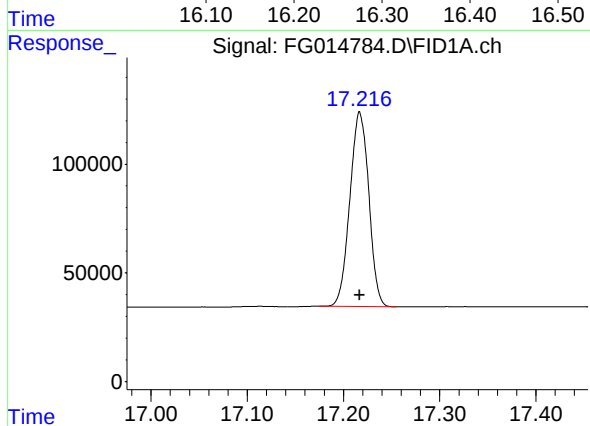
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: 0.000 min
Response: 1293487
Conc: 10.46 ug/ml



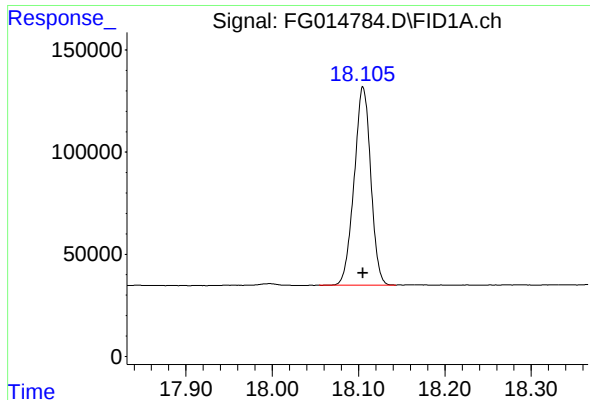
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: 0.000 min
Response: 1247151
Conc: 10.43 ug/ml



#16 n-Octacosane (C28)

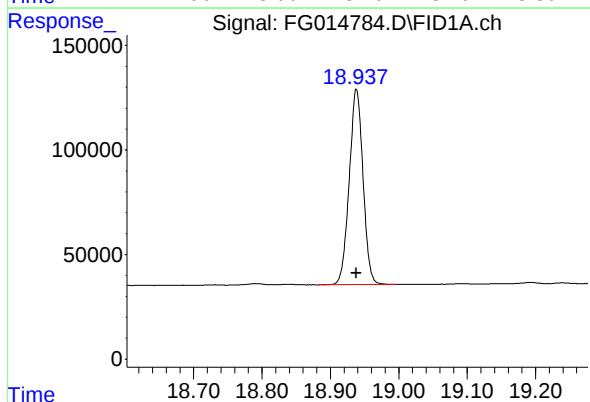
R.T.: 17.217 min
Delta R.T.: 0.000 min
Response: 1227697
Conc: 10.50 ug/ml



#17 n-Tricontane (C30)

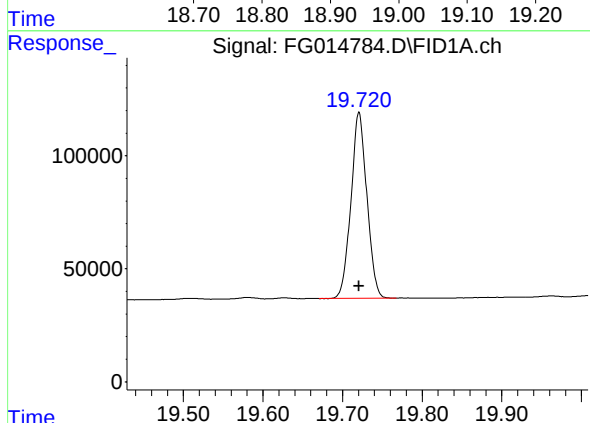
R.T.: 18.105 min
Delta R.T.: 0.000 min
Response: 1296881
Conc: 10.76 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



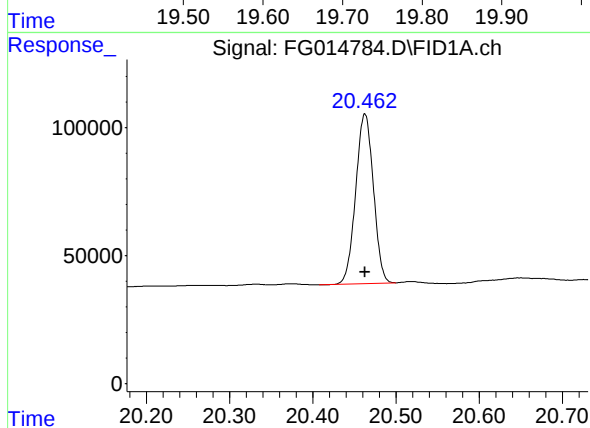
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: 0.000 min
Response: 1309185
Conc: 11.06 ug/ml



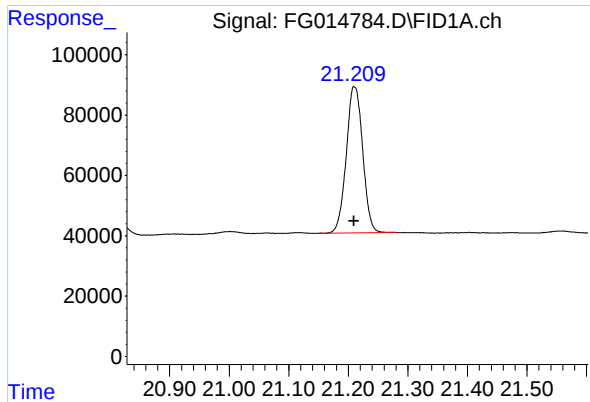
#19 n-Tetatriacontane (C34)

R.T.: 19.721 min
Delta R.T.: 0.000 min
Response: 1142200
Conc: 11.06 ug/ml



#20 n-Hexatriacontane (C36)

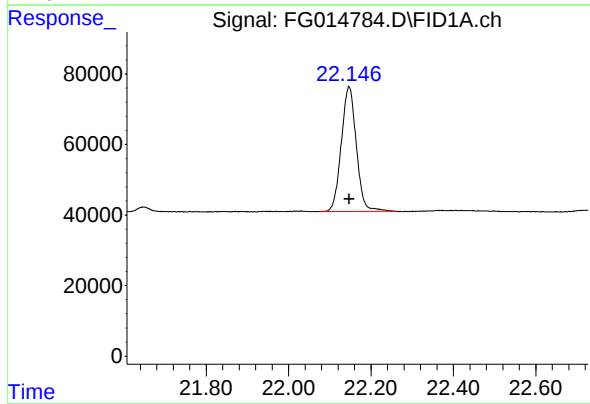
R.T.: 20.463 min
Delta R.T.: 0.000 min
Response: 978340
Conc: 10.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.210 min
Delta R.T.: 0.000 min
Response: 926201
Conc: 10.85 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.147 min
Delta R.T.: 0.000 min
Response: 896140
Conc: 10.79 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AL\
 Data File : FG014785.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 16:09
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Nov 14 16:32:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 16:25:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.944	760995	5.157 ug/ml
Spiked Amount 50.000		Recovery =	10.31%
12) S 1-chlorooctadecane (S...	13.384	564494	5.080 ug/ml
Spiked Amount 50.000		Recovery =	10.16%
Target Compounds			
1) T n-Nonane (C9)	3.321	712930	5.251 ug/ml
2) T n-Decane (C10)	4.570	726917	5.242 ug/ml
3) T A~Naphthalene (C11.7)	6.274	773521	5.214 ug/ml
4) T n-Dodecane (C12)	6.739	732894	5.229 ug/ml
5) T A~2-methylnaphthalene...	7.371	739819	5.183 ug/ml
6) T n-Tetradecane (C14)	8.571	721550	5.205 ug/ml
7) T n-Hexadecane (C16)	10.181	734151	5.181 ug/ml
8) T n-Octadecane (C18)	11.627	727935	5.172 ug/ml
10) T n-Eicosane (C20)	12.939	682898	5.147 ug/ml
11) T n-Heneicosane (C21)	13.552	670531	5.165 ug/ml
13) T n-Docosane (C22)	14.140	657075	5.153 ug/ml
14) T n-Tetracosane (C24)	15.244	651417	5.212 ug/ml
15) T n-Hexacosane (C26)	16.265	649397	5.338 ug/ml
16) T n-Octacosane (C28)	17.216	660836	5.508 ug/ml
17) T n-Tricontane (C30)	18.104	724645	5.779 ug/ml
18) T n-Dotriacontane (C32)	18.936	747307	6.000 ug/ml
19) T n-Tetratriacontane (C34)	19.722	635279	5.881 ug/ml
20) T n-Hexatriacontane (C36)	20.461	528474	5.709 ug/ml
21) T n-Octatriacontane (C38)	21.209	483395	5.518 ug/ml
22) T n-Tetracontane (C40)	22.146	439041	5.227 ug/ml

(f)=RT Delta > 1/2 Window

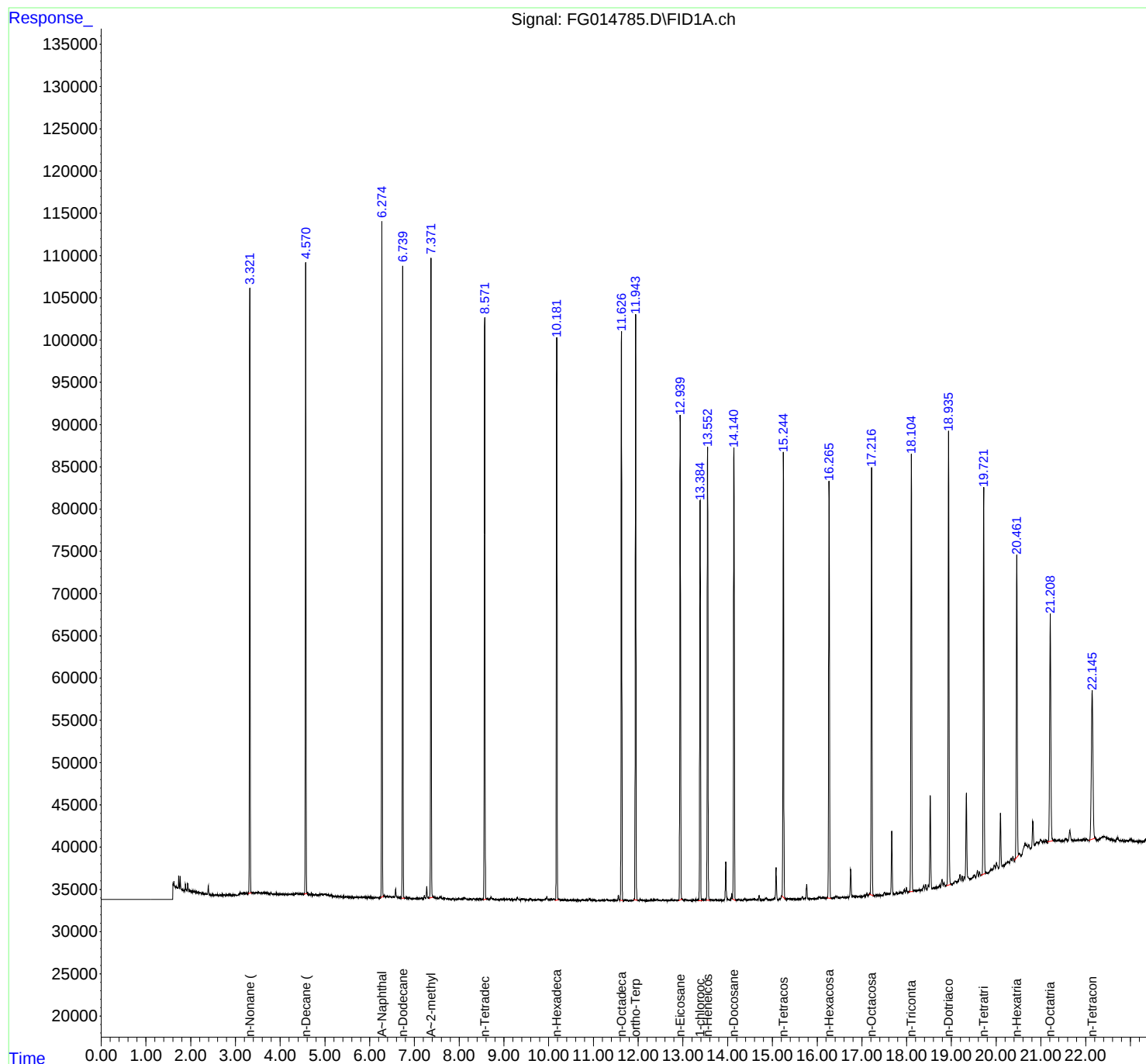
(m)=manual int.

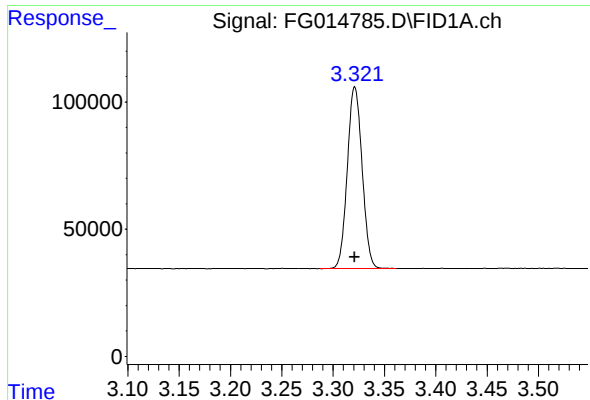
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG11424AL\
Data File : FG014785.D
Signal(s) : FID1A.ch
Acq On : 14 Nov 2024 16:09
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Nov 14 16:32:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 16:25:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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

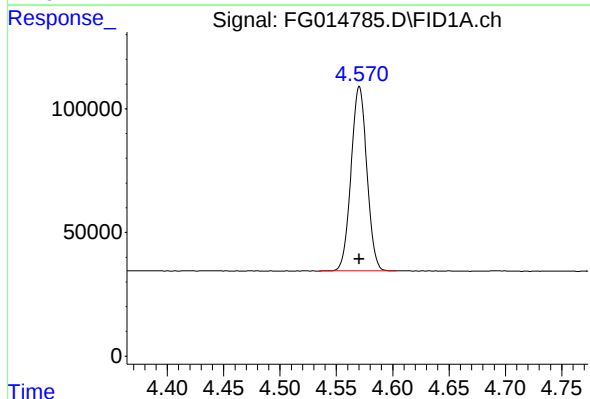




#1 n-Nonane (C9)

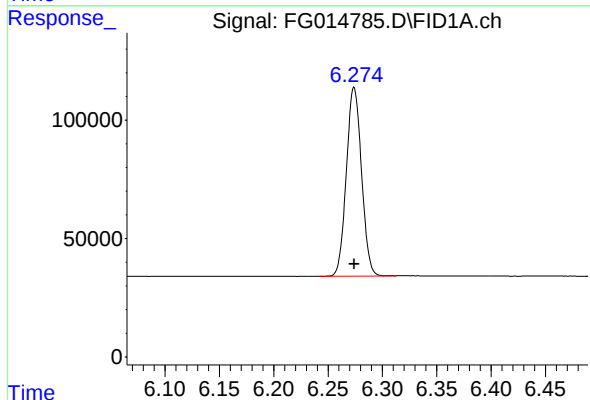
R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 712930
Conc: 5.25 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



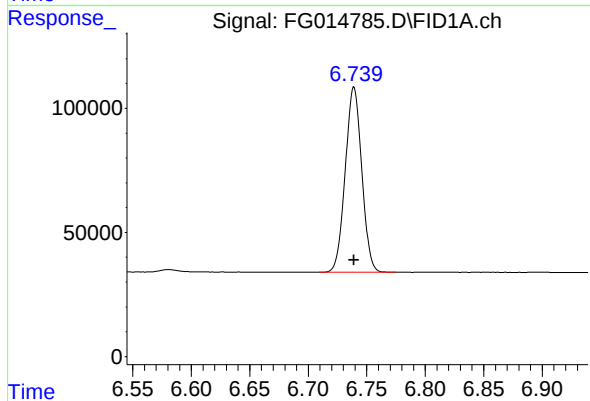
#2 n-Decane (C10)

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 726917
Conc: 5.24 ug/ml



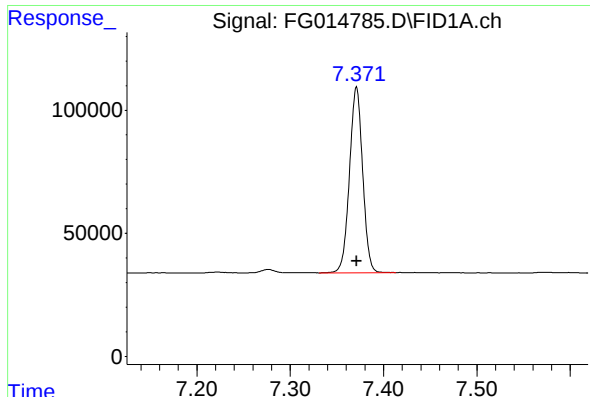
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 773521
Conc: 5.21 ug/ml



#4 n-Dodecane (C12)

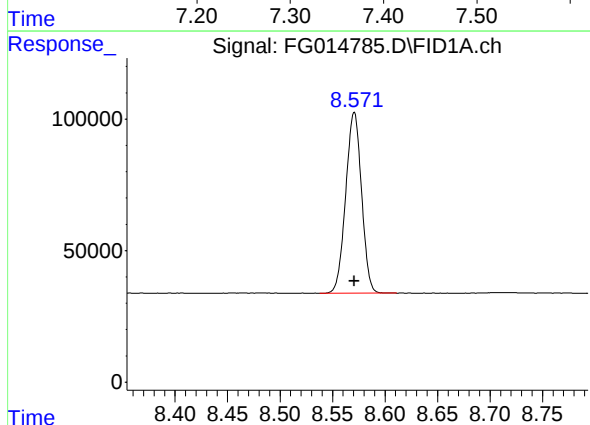
R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 732894
Conc: 5.23 ug/ml



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

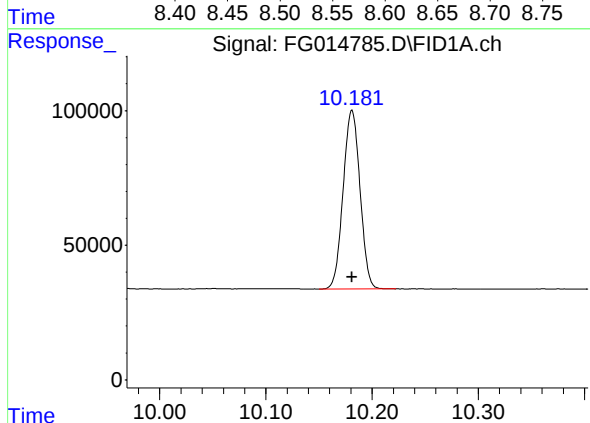
R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 739819
Conc: 5.18 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



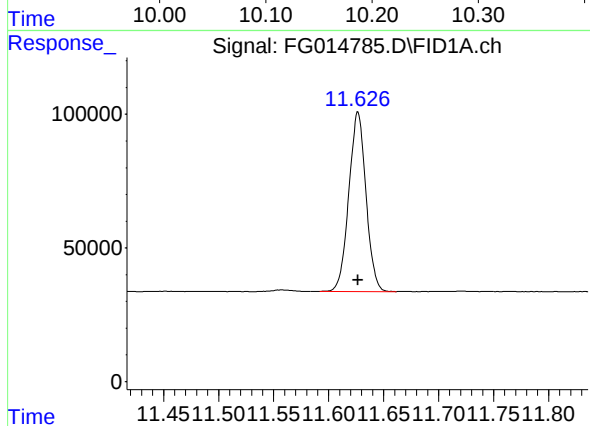
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 721550
Conc: 5.20 ug/ml



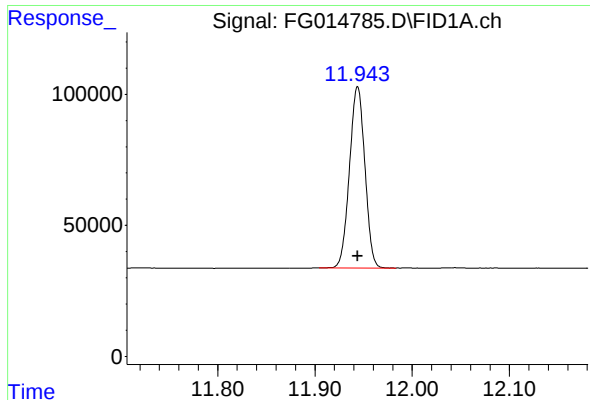
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: 0.000 min
Response: 734151
Conc: 5.18 ug/ml



#8 n-Octadecane (C18)

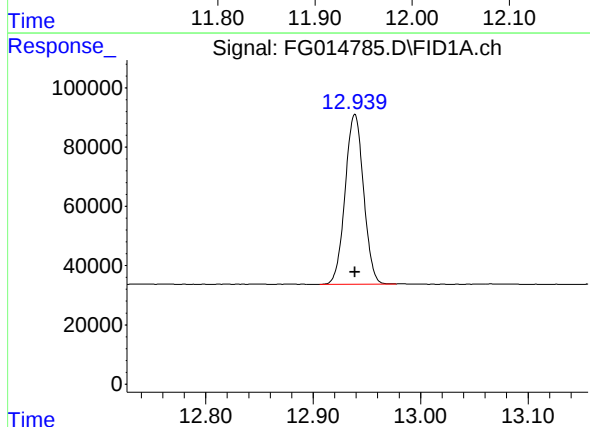
R.T.: 11.627 min
Delta R.T.: 0.000 min
Response: 727935
Conc: 5.17 ug/ml



#9 ortho-Terphenyl (SURR)

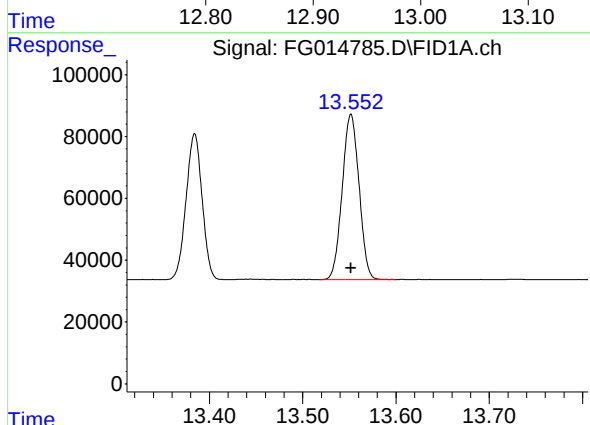
R.T.: 11.944 min
Delta R.T.: 0.000 min
Response: 760995
Conc: 5.16 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



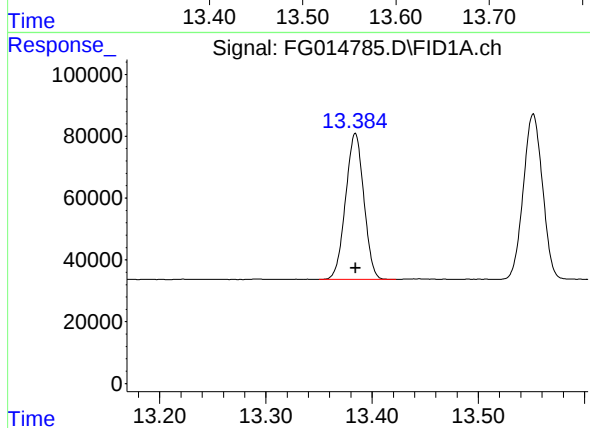
#10 n-Eicosane (C20)

R.T.: 12.939 min
Delta R.T.: 0.000 min
Response: 682898
Conc: 5.15 ug/ml



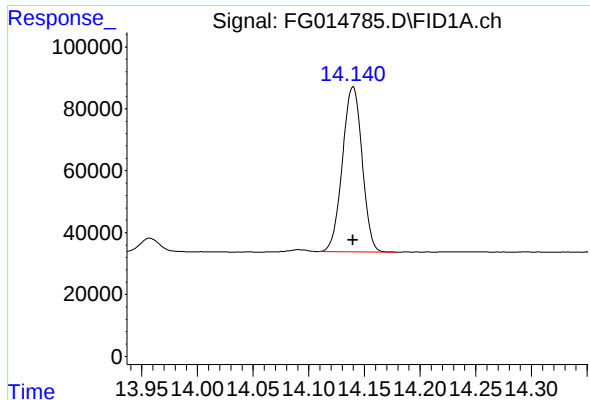
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: 0.000 min
Response: 670531
Conc: 5.17 ug/ml



#12 1-chlorooctadecane (SURR)

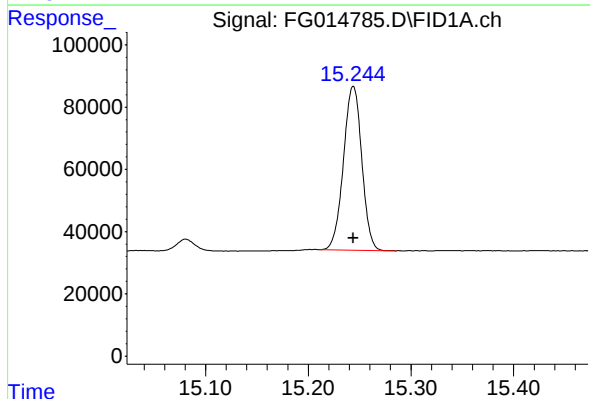
R.T.: 13.384 min
Delta R.T.: 0.000 min
Response: 564494
Conc: 5.08 ug/ml



#13 n-Docosane (C22)

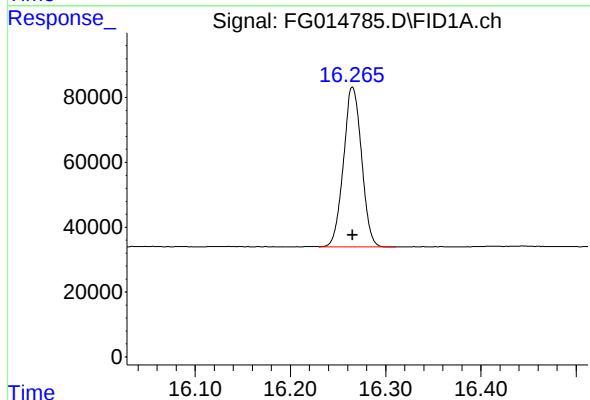
R.T.: 14.140 min
Delta R.T.: 0.000 min
Response: 657075
Conc: 5.15 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



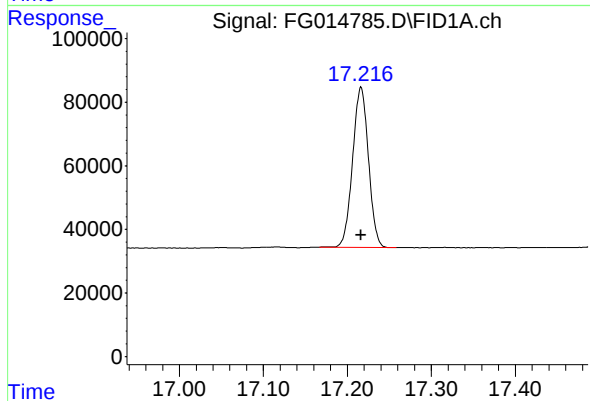
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: 0.000 min
Response: 651417
Conc: 5.21 ug/ml



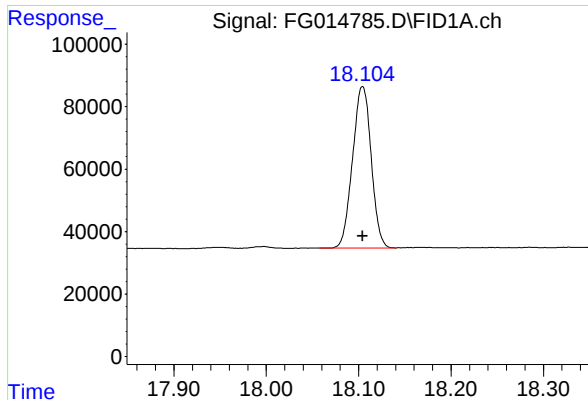
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: 0.000 min
Response: 649397
Conc: 5.34 ug/ml



#16 n-Octacosane (C28)

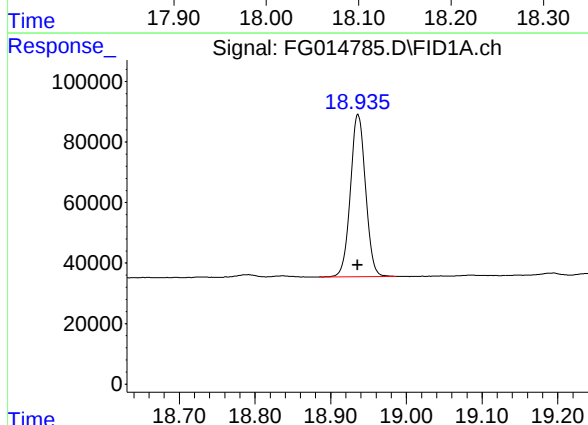
R.T.: 17.216 min
Delta R.T.: 0.000 min
Response: 660836
Conc: 5.51 ug/ml



#17 n-Tricontane (C30)

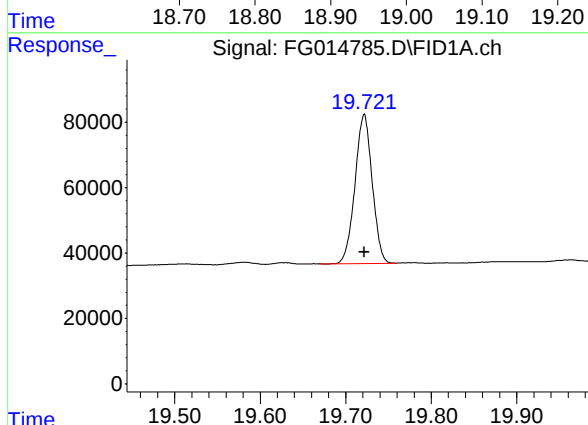
R.T.: 18.104 min
Delta R.T.: 0.000 min
Response: 724645
Conc: 5.78 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



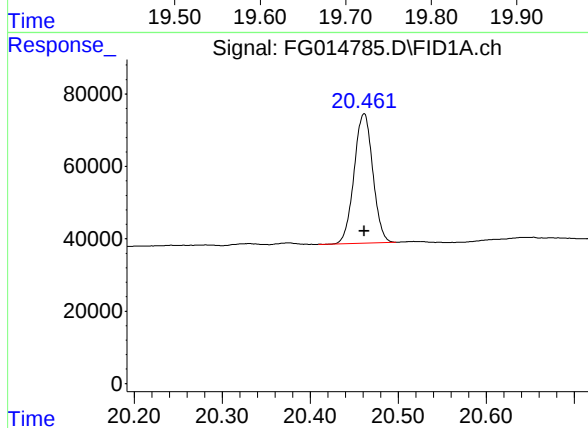
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: 0.000 min
Response: 747307
Conc: 6.00 ug/ml



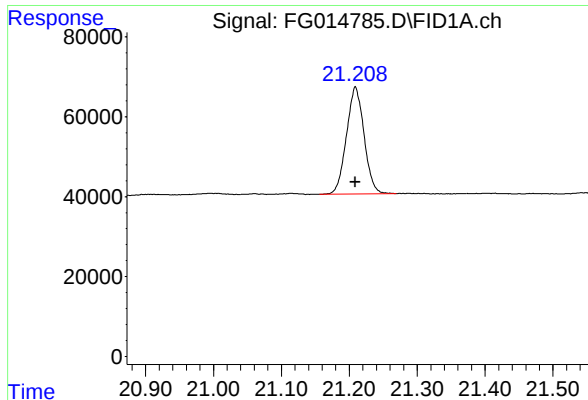
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: 0.000 min
Response: 635279
Conc: 5.88 ug/ml



#20 n-Hexatriacontane (C36)

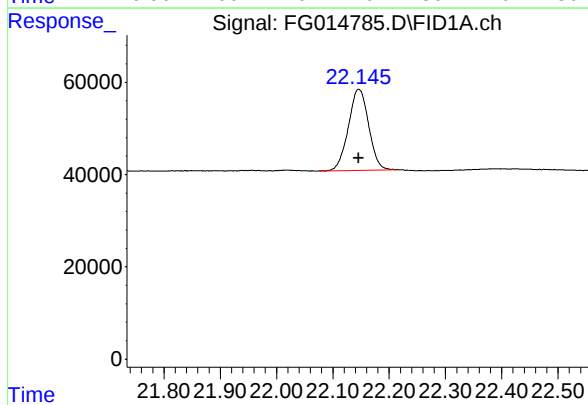
R.T.: 20.461 min
Delta R.T.: 0.000 min
Response: 528474
Conc: 5.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: 0.000 min
Response: 483395
Conc: 5.52 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.146 min
Delta R.T.: 0.000 min
Response: 439041
Conc: 5.23 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AL\
 Data File : FG014785.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 16:09
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.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	3.321	3.287	3.362	BB	71541	712930	92.17%	4.841%
2	4.570	4.535	4.603	BB	74604	726917	93.98%	4.936%
3	6.274	6.242	6.313	BB	79822	773521	100.00%	5.253%
4	6.739	6.709	6.775	BB	74757	732894	94.75%	4.977%
5	7.371	7.331	7.413	BB	75546	739819	95.64%	5.024%
6	8.571	8.537	8.611	BB	68887	721550	93.28%	4.900%
7	10.181	10.150	10.223	BB	66523	734151	94.91%	4.986%
8	11.627	11.592	11.662	BB	67304	727935	94.11%	4.943%
9	11.944	11.904	11.983	BB	69219	760995	98.38%	5.168%
10	12.939	12.906	12.978	BB	57411	682898	88.28%	4.638%
11	13.384	13.350	13.423	BB	47348	564494	72.98%	3.833%
12	13.552	13.518	13.600	BB	53579	670531	86.69%	4.554%
13	14.140	14.109	14.178	BB	53482	657075	84.95%	4.462%
14	15.244	15.211	15.286	BB	52694	651417	84.21%	4.424%
15	16.265	16.230	16.311	BB	49334	649397	83.95%	4.410%
16	17.216	17.167	17.258	BB	50511	660836	85.43%	4.488%
17	18.104	18.058	18.141	BB	51747	724645	93.68%	4.921%
18	18.936	18.885	18.987	BB	53683	747307	96.61%	5.075%
19	19.722	19.669	19.759	BB	45734	635279	82.13%	4.314%
20	20.461	20.410	20.498	BB	35824	528474	68.32%	3.589%
21	21.209	21.156	21.269	BB	26908	483395	62.49%	3.283%
22	22.146	22.076	22.213	BB	17611	439041	56.76%	2.982%
Sum of corrected areas:							14725497	

Aliphatic EPH 111424.M Fri Nov 15 02:23:21 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AL\
 Data File : FG014786.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 16:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Nov 14 16:59:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 16:33:02 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.946	2955748	20.031 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
12) S 1-chlorooctadecane (S...	13.386	2232608	20.090 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
Target Compounds			
1) T n-Nonane (C9)	3.321	2698835	19.878 ug/ml
2) T n-Decane (C10)	4.571	2778669	20.038 ug/ml
3) T A~Naphthalene (C11.7)	6.274	2957643	19.936 ug/ml
4) T n-Dodecane (C12)	6.740	2805464	20.016 ug/ml
5) T A~2-methylnaphthalene...	7.371	2848929	19.958 ug/ml
6) T n-Tetradecane (C14)	8.572	2776560	20.027 ug/ml
7) T n-Hexadecane (C16)	10.182	2839858	20.043 ug/ml
8) T n-Octadecane (C18)	11.629	2825604	20.075 ug/ml
10) T n-Eicosane (C20)	12.942	2672790	20.144 ug/ml
11) T n-Heneicosane (C21)	13.554	2608049	20.090 ug/ml
13) T n-Docosane (C22)	14.141	2588986	20.305 ug/ml
14) T n-Tetracosane (C24)	15.245	2588683	20.714 ug/ml
15) T n-Hexacosane (C26)	16.266	2535077	20.837 ug/ml
16) T n-Octacosane (C28)	17.217	2535934	21.137 ug/ml
17) T n-Tricontane (C30)	18.106	2683094	21.397 ug/ml
18) T n-Dotriacontane (C32)	18.938	2651917	21.292 ug/ml
19) T n-Tetratriacontane (C34)	19.723	2271212	21.026 ug/ml
20) T n-Hexatriacontane (C36)	20.463	1940132	20.957 ug/ml
21) T n-Octatriacontane (C38)	21.212	1805135	20.604 ug/ml
22) T n-Tetracontane (C40)	22.146	1706028	20.312 ug/ml

(f)=RT Delta > 1/2 Window

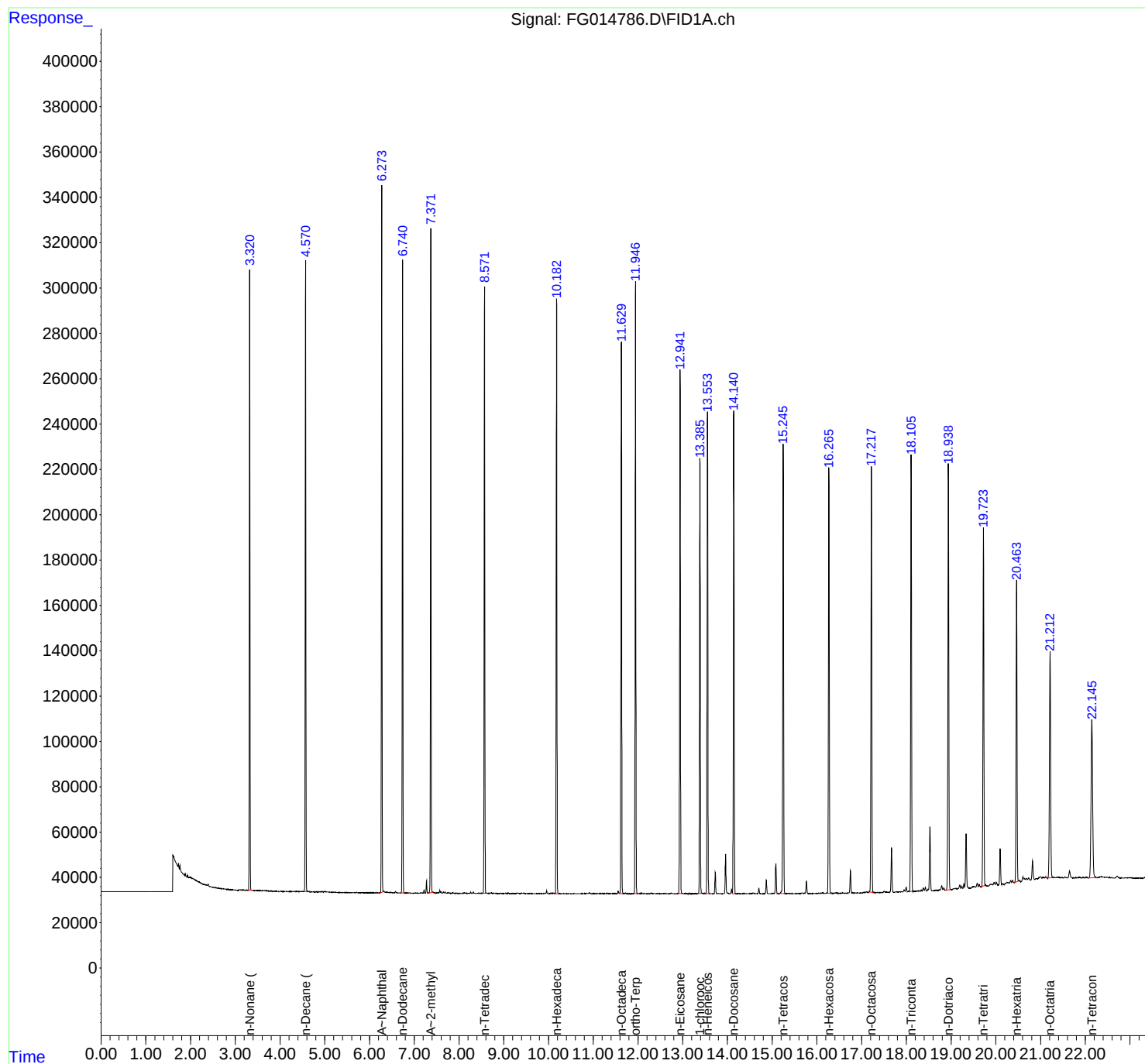
(m)=manual int.

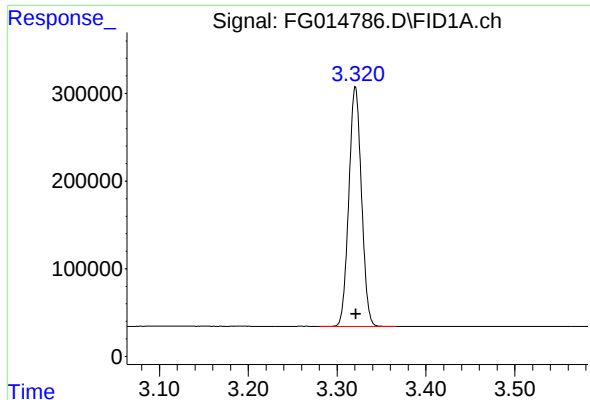
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AL\
Data File : FG014786.D
Signal(s) : FID1A.ch
Acq On : 14 Nov 2024 16:37
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Nov 14 16:59:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 16:33:02 2024
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)

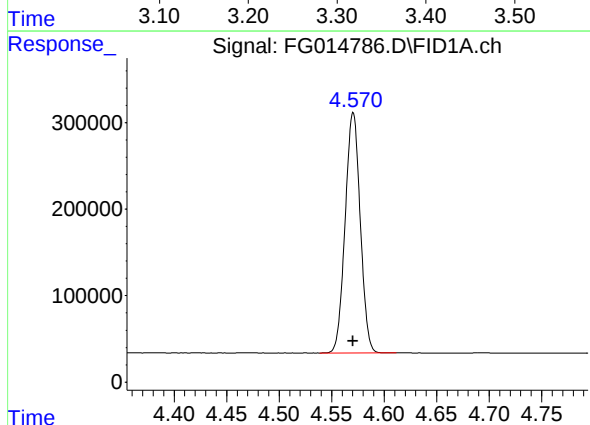
R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 2698835
Conc: 19.88 ug/ml

Instrument :

FID_G

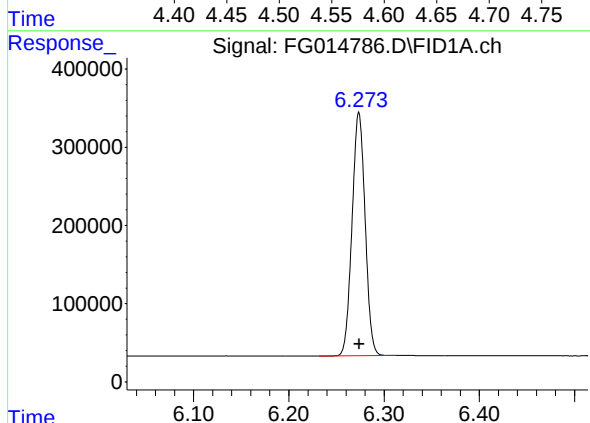
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



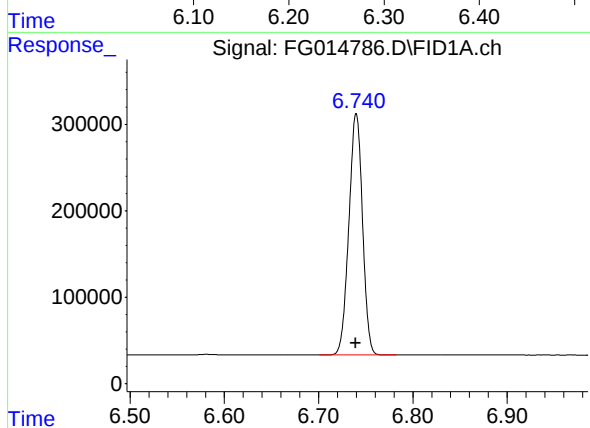
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 2778669
Conc: 20.04 ug/ml



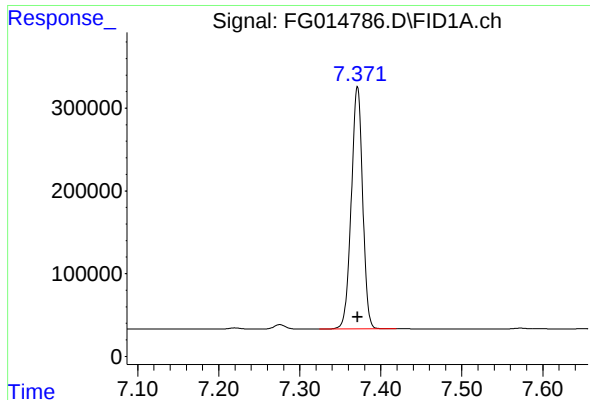
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 2957643
Conc: 19.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 2805464
Conc: 20.02 ug/ml



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

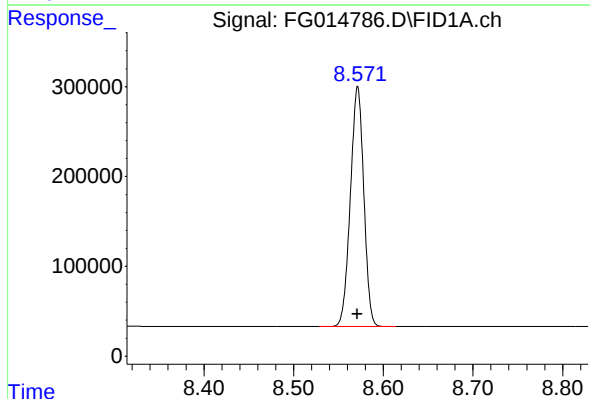
R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 2848929
Conc: 19.96 ug/ml

Instrument :

FID_G

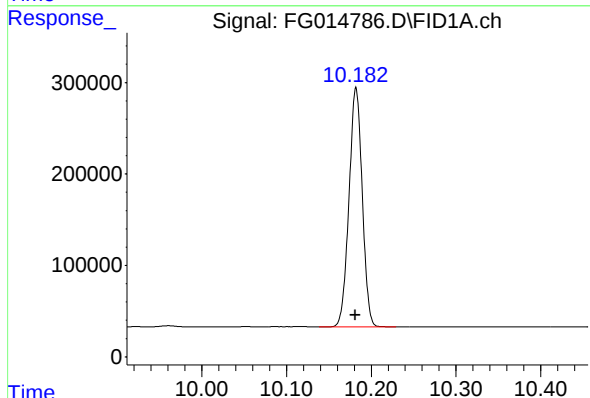
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



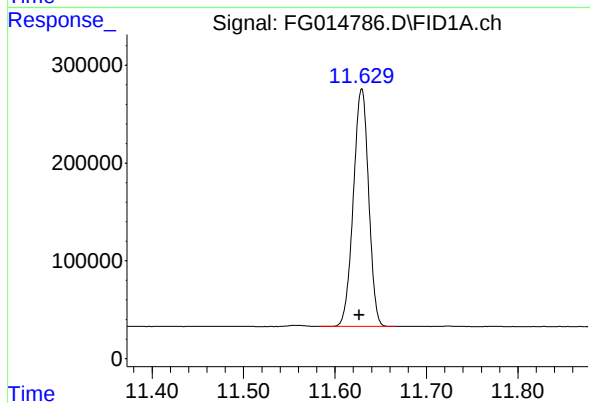
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 2776560
Conc: 20.03 ug/ml



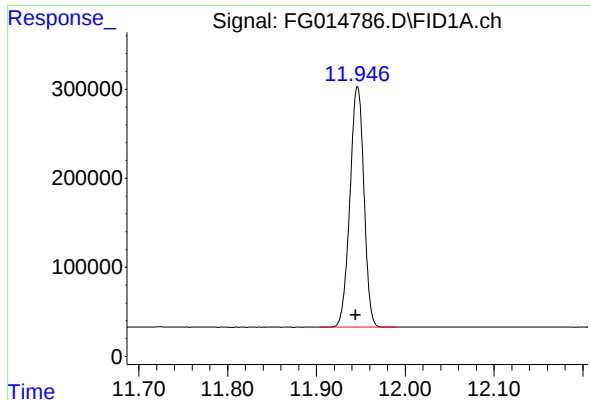
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: 0.000 min
Response: 2839858
Conc: 20.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.629 min
Delta R.T.: 0.003 min
Response: 2825604
Conc: 20.07 ug/ml



#9 ortho-Terphenyl (SURR)

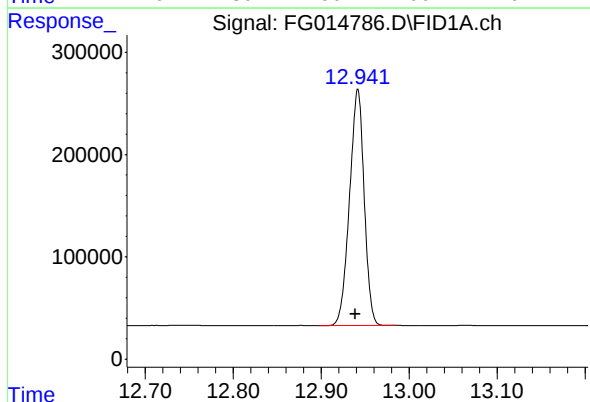
R.T.: 11.946 min
Delta R.T.: 0.002 min
Response: 2955748
Conc: 20.03 ug/ml

Instrument :

FID_G

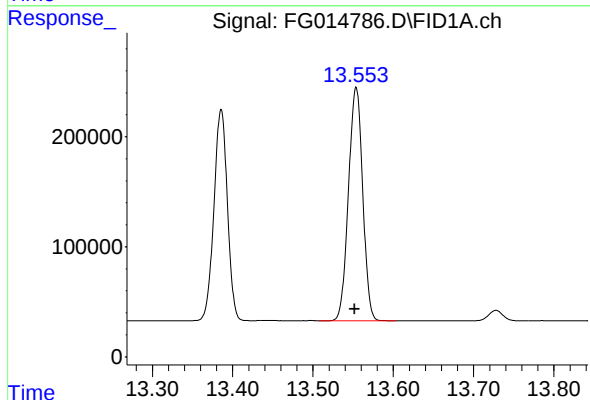
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



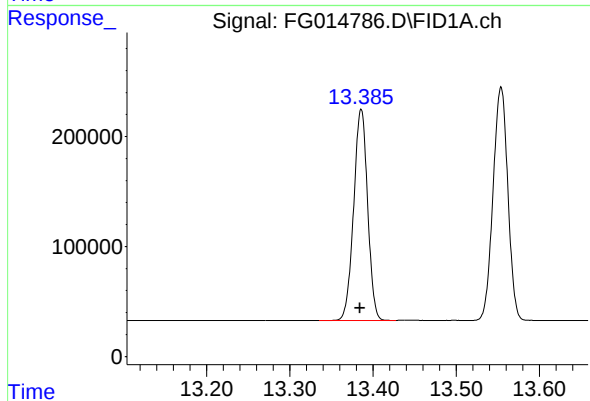
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.003 min
Response: 2672790
Conc: 20.14 ug/ml



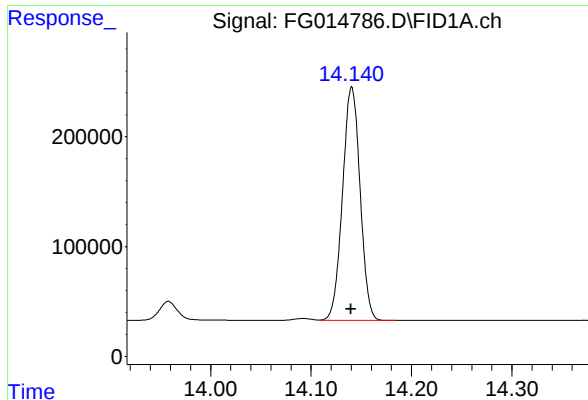
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.002 min
Response: 2608049
Conc: 20.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.386 min
Delta R.T.: 0.001 min
Response: 2232608
Conc: 20.09 ug/ml



#13 n-Docosane (C22)

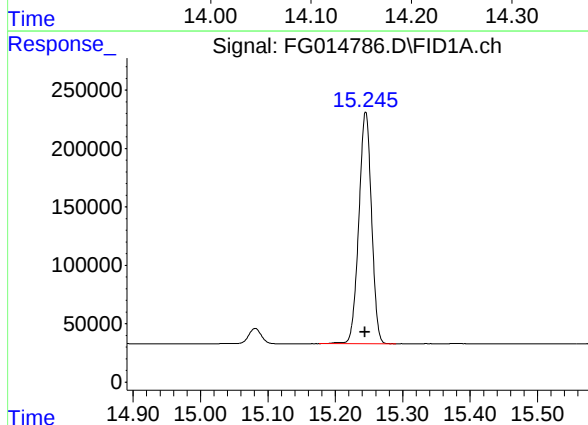
R.T.: 14.141 min
Delta R.T.: 0.000 min
Response: 2588986
Conc: 20.31 ug/ml

Instrument :

FID_G

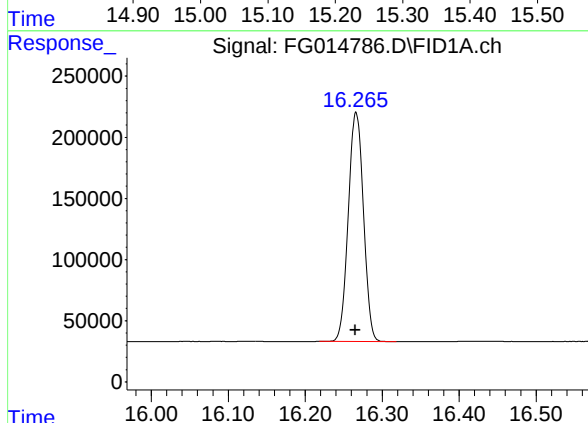
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



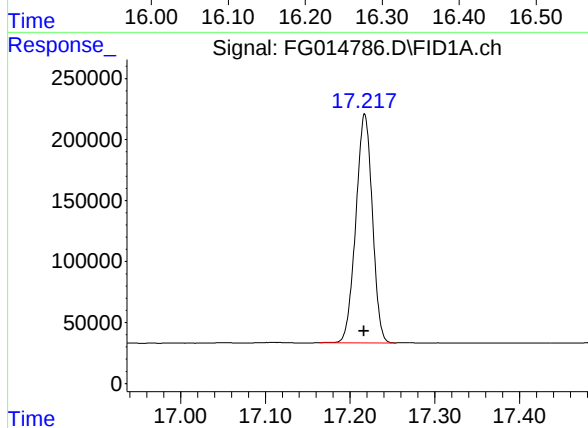
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: 0.001 min
Response: 2588683
Conc: 20.71 ug/ml



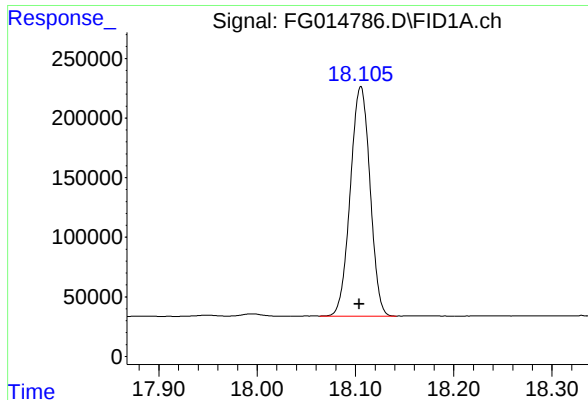
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: 0.000 min
Response: 2535077
Conc: 20.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.217 min
Delta R.T.: 0.001 min
Response: 2535934
Conc: 21.14 ug/ml



#17 n-Tricontane (C30)

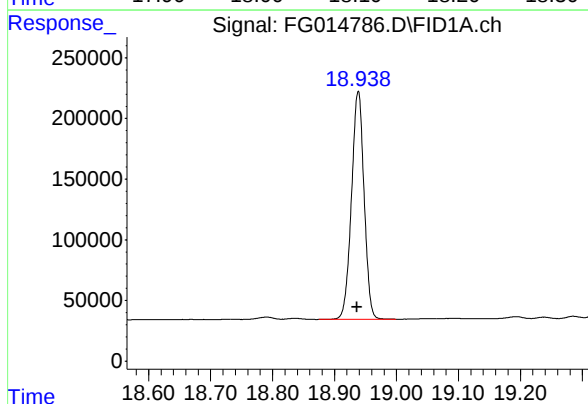
R.T.: 18.106 min
Delta R.T.: 0.001 min
Response: 2683094
Conc: 21.40 ug/ml

Instrument :

FID_G

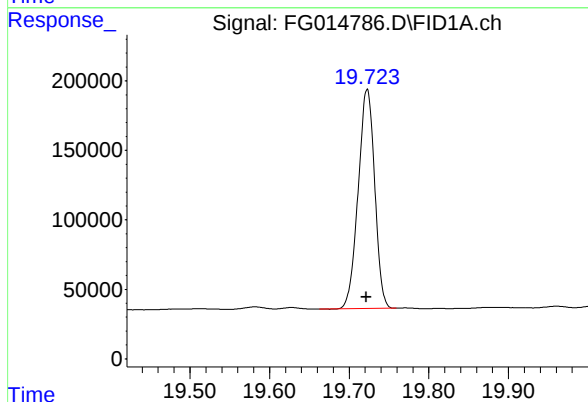
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



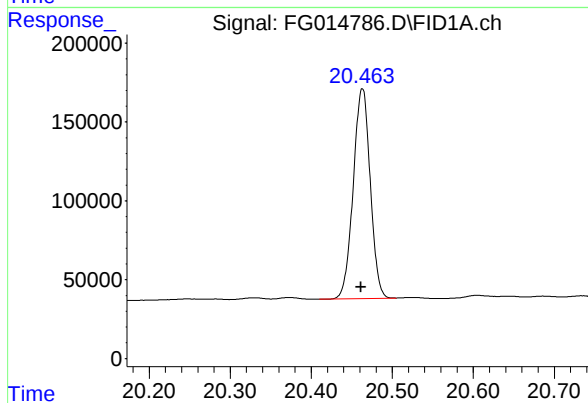
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: 0.002 min
Response: 2651917
Conc: 21.29 ug/ml



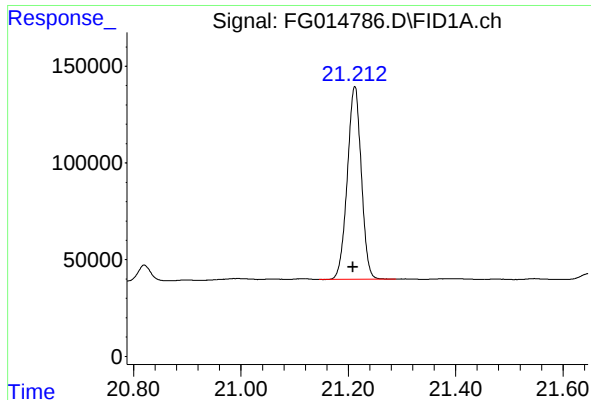
#19 n-Tetatriacontane (C34)

R.T.: 19.723 min
Delta R.T.: 0.000 min
Response: 2271212
Conc: 21.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: 0.002 min
Response: 1940132
Conc: 20.96 ug/ml



#21 n-Octatriacontane (C38)

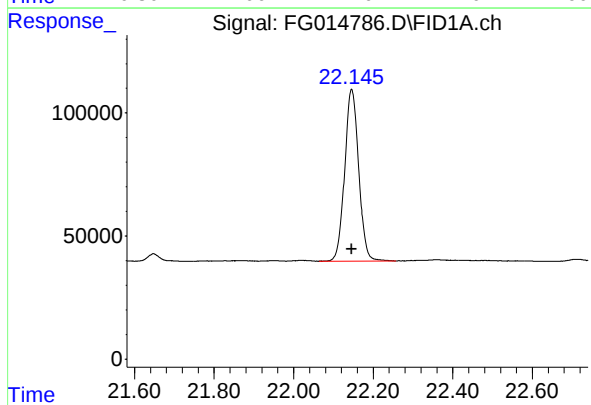
R.T.: 21.212 min
Delta R.T.: 0.003 min
Response: 1805135
Conc: 20.60 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.146 min
Delta R.T.: 0.000 min
Response: 1706028
Conc: 20.31 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AL\
Data File : FG014786.D
Signal(s) : FID1A.ch
Acq On : 14 Nov 2024 16:37
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 36 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.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	3.321	3.280	3.367	BB	273571	2698835	91.25%	4.793%
2	4.571	4.538	4.612	BB	278309	2778669	93.95%	4.935%
3	6.274	6.232	6.313	BB	311512	2957643	100.00%	5.253%
4	6.740	6.701	6.783	BB	279469	2805464	94.85%	4.982%
5	7.371	7.324	7.419	BB	292861	2848929	96.32%	5.060%
6	8.572	8.528	8.614	BB	267512	2776560	93.88%	4.931%
7	10.182	10.138	10.229	BB	262075	2839858	96.02%	5.044%
8	11.629	11.583	11.667	BB	243265	2825604	95.54%	5.018%
9	11.946	11.903	11.990	BB	269881	2955748	99.94%	5.249%
10	12.942	12.898	12.985	BB	231285	2672790	90.37%	4.747%
11	13.386	13.335	13.428	BB	192100	2232608	75.49%	3.965%
12	13.554	13.508	13.603	BB	212384	2608049	88.18%	4.632%
13	14.141	14.108	14.185	VB	213103	2588986	87.54%	4.598%
14	15.245	15.176	15.290	BB	198336	2588683	87.53%	4.597%
15	16.266	16.218	16.318	BB	187591	2535077	85.71%	4.502%
16	17.217	17.163	17.254	BB	187603	2535934	85.74%	4.504%
17	18.106	18.063	18.142	BB	192887	2683094	90.72%	4.765%
18	18.938	18.875	18.999	BB	188012	2651917	89.66%	4.710%
19	19.723	19.663	19.759	BB	157886	2271212	76.79%	4.034%
20	20.463	20.410	20.505	BB	133073	1940132	65.60%	3.446%
21	21.212	21.145	21.289	BB	99759	1805135	61.03%	3.206%
22	22.146	22.064	22.257	BB	69870	1706028	57.68%	3.030%
Sum of corrected areas:							56306954	

Aliphatic EPH 111424.M Fri Nov 15 02:23:59 2024