

Initial Calibration Report for SequenceID : FG112625AL

AreaCount

Parameter Range	FG017021.D	FG017022.D	FG017023.D	FG017024.D	FG017025.D	
Aliphatic C9-C12	37071245.000	18287266.000	7952704.000	3853298.000	1759105.000	
Aliphatic C12-C16	25714481.000	12825499.000	5459807.000	2580660.000	1112069.000	
Aliphatic C16-C21	39674394.000	20087336.000	8667438.000	4226181.000	1934121.000	
Aliphatic C21-C28	50021317.000	26096999.000	11183088.000	5866696.000	3102578.000	
Aliphatic C28-C40	57062472.000	30183205.000	14531027.000	7732178.000	4327571.000	
Aliphatic EPH	209543909.000	107480305.000	47794064.000	24259013.000	12235444.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	124749.584666	4.738				
Aliphatic C12-C16	126712.494	7.354				
Aliphatic C16-C21	136086.990666	4.698				
Aliphatic C21-C28	139424.6375	8.679				
Aliphatic C28-C40	117985.738999	17.18				
Aliphatic EPH	127863.760999	7.205				

Concentration

Parameter Range	FG017021.D	FG017022.D	FG017023.D	FG017024.D	FG017025.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	FG017021.D	FG017022.D	FG017023.D	FG017024.D	FG017025.D	
Aliphatic C9-C12	123570.816666	121915.106666	132545.066666	128443.266666	117273.666666	
Aliphatic C12-C16	128572.405000	128254.990000	136495.175000	129033.000000	111206.900000	
Aliphatic C16-C21	132247.980000	133915.573333	144457.300000	140872.700000	128941.400000	

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Aliphatic C21-C28	125053.292500	130484.995000	139788.600000	146667.400000	155128.900000	
Aliphatic C28-C40	95104.120000	100610.683333	121091.891666	128869.633333	144252.366666	
Aliphatic EPH	116413.282777	119422.561111	132761.288888	134772.294444	135949.377777	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
 Data File : FG017021.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 21:12
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Dec 01 08:45:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:45:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.039	14831085	90.941 ug/ml
Spiked Amount 50.000		Recovery =	181.88%
12) S 1-chlorooctadecane (S...	13.481	11431245	92.505 ug/ml
Spiked Amount 50.000		Recovery =	185.01%
Target Compounds			
1) T n-Nonane (C9)	3.360	12107458	93.640 ug/ml
2) T n-Decane (C10)	4.621	12370947	93.024 ug/ml
3) T A~Naphthalene (C11.7)	6.339	13403080	98.393 ug/ml
4) T n-Dodecane (C12)	6.803	12592840	93.038 ug/ml
5) T A~2-methylnaphthalene...	7.443	12885271	102.228 ug/ml
6) T n-Tetradecane (C14)	8.642	12575830	93.999 ug/ml
7) T n-Hexadecane (C16)	10.260	13138651	94.385 ug/ml
8) T n-Octadecane (C18)	11.716	13507809	92.763 ug/ml
10) T n-Eicosane (C20)	13.033	13175761	91.182 ug/ml
11) T n-Heneicosane (C21)	13.650	12990824	90.683 ug/ml
13) T n-Docosane (C22)	14.240	12939840	91.084 ug/ml
14) T n-Tetracosane (C24)	15.350	12796951	90.669 ug/ml
15) T n-Hexacosane (C26)	16.378	12378127	89.757 ug/ml
16) T n-Octacosane (C28)	17.334	11906399	86.252 ug/ml
17) T n-Tricontane (C30)	18.227	11742417	78.792 ug/ml
18) T n-Dotriacontane (C32)	19.064	11071384	73.351 ug/ml
19) T n-Tetratriacontane (C34)	19.852	10017890	74.189 ug/ml
20) T n-Hexatriacontane (C36)	20.595	8724039	79.232 ug/ml
21) T n-Octatriacontane (C38)	21.370	7969490	83.255 ug/ml
22) T n-Tetracontane (C40)	22.348	7537252	87.929 ug/ml

(f)=RT Delta > 1/2 Window

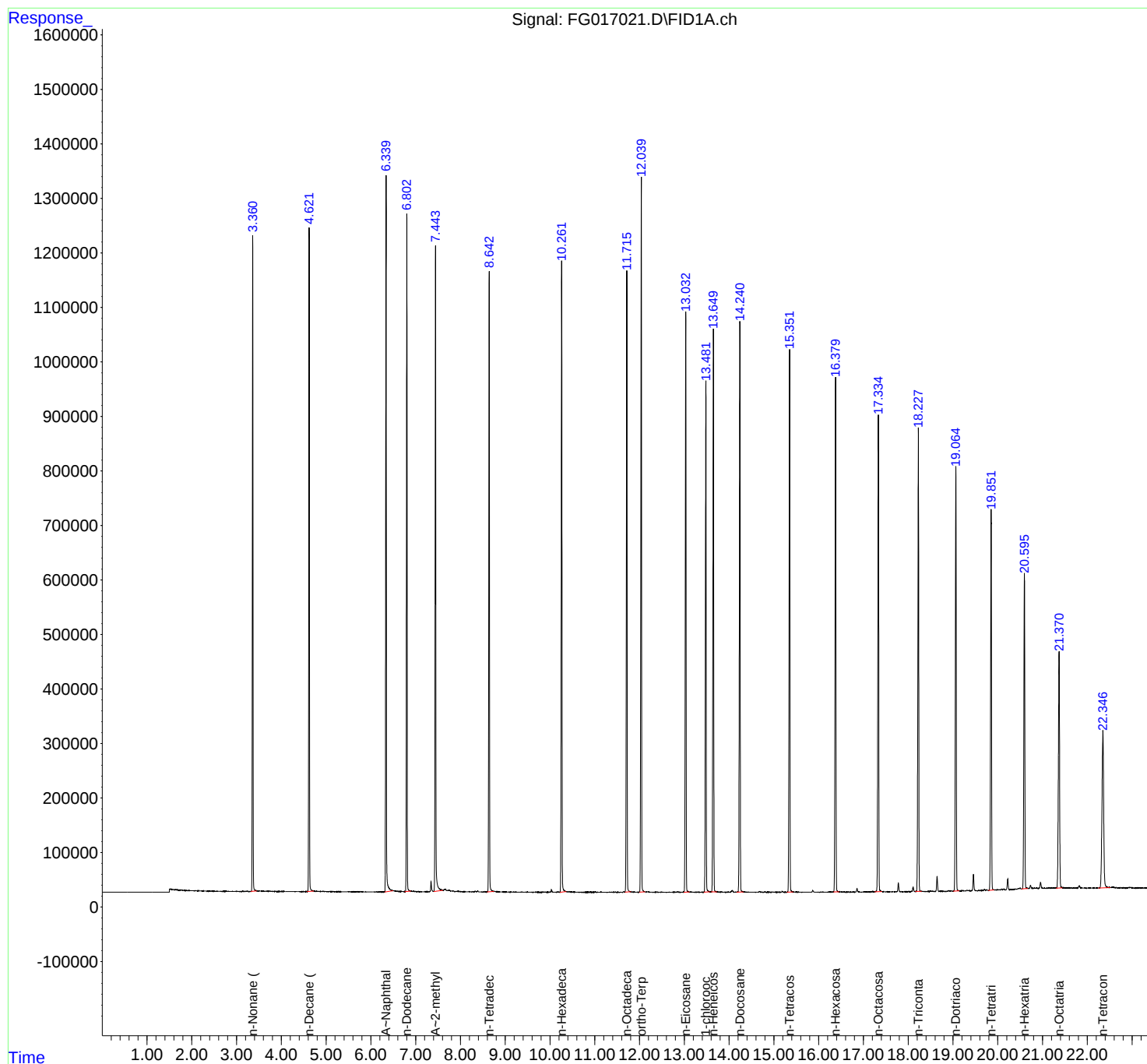
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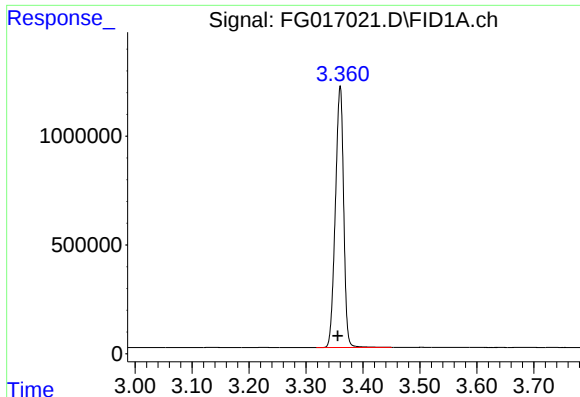
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Data File : FG017021.D
Signal(s) : FID1A.ch
Acq On : 26 Nov 2025 21:12
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Dec 01 08:45:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:45:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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

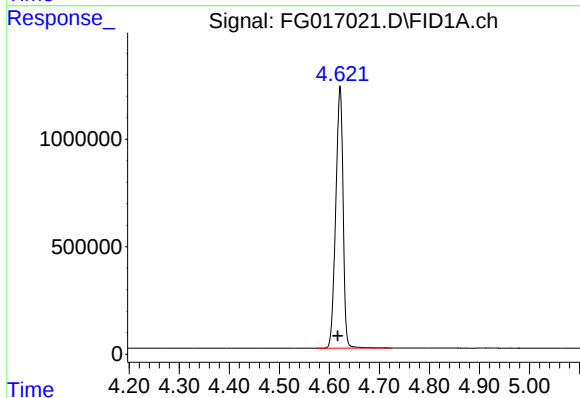




#1 n-Nonane (C9)

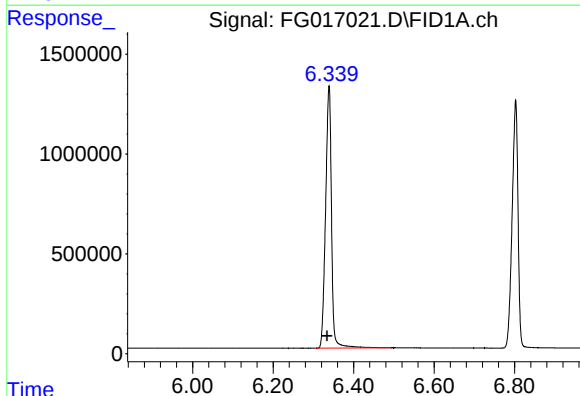
R.T.: 3.360 min
Delta R.T.: 0.004 min
Response: 12107458
Conc: 93.64 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



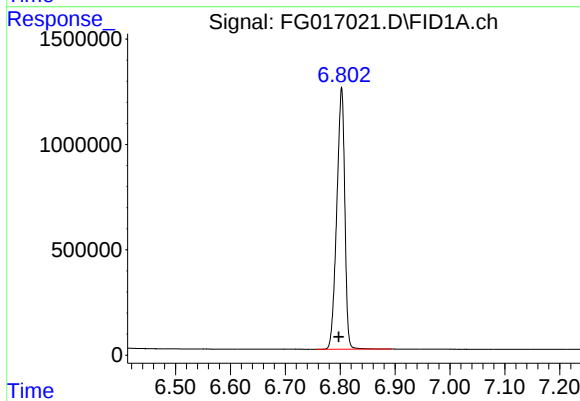
#2 n-Decane (C10)

R.T.: 4.621 min
Delta R.T.: 0.005 min
Response: 12370947
Conc: 93.02 ug/ml



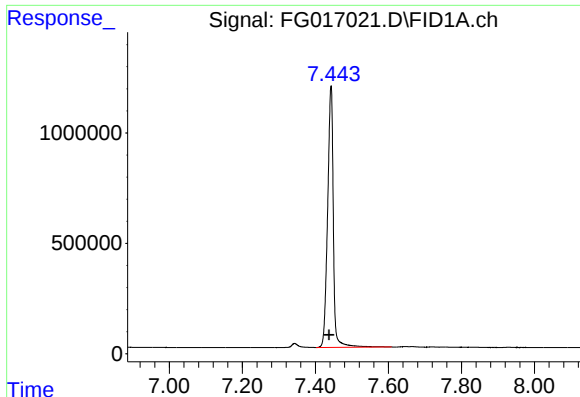
#3 A~Naphthalene (C11.7)

R.T.: 6.339 min
Delta R.T.: 0.004 min
Response: 13403080
Conc: 98.39 ug/ml



#4 n-Dodecane (C12)

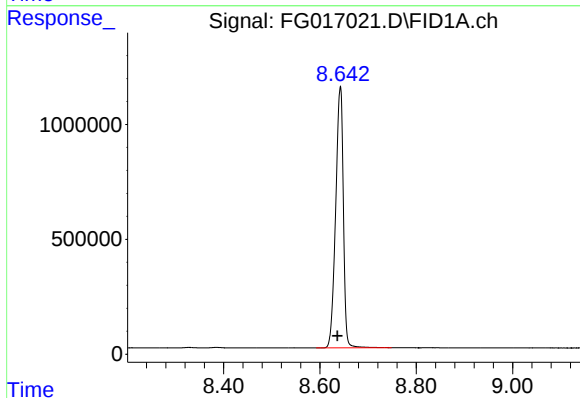
R.T.: 6.803 min
Delta R.T.: 0.005 min
Response: 12592840
Conc: 93.04 ug/ml



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

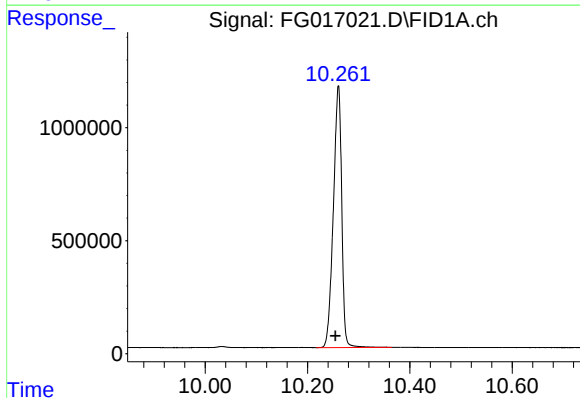
R.T.: 7.443 min
Delta R.T.: 0.006 min
Response: 12885271
Conc: 102.23 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



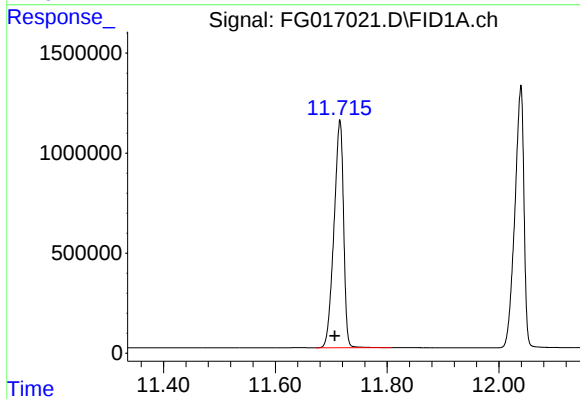
#6 n-Tetradecane (C14)

R.T.: 8.642 min
Delta R.T.: 0.006 min
Response: 12575830
Conc: 94.00 ug/ml



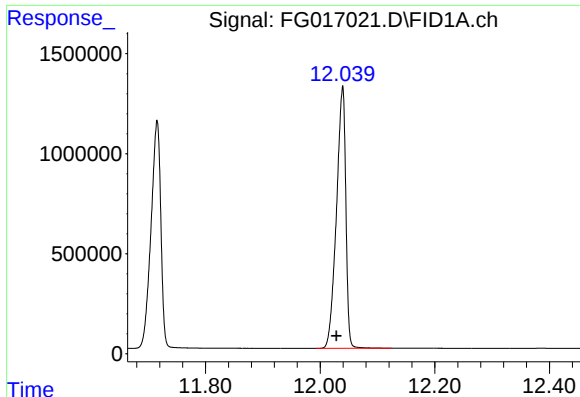
#7 n-Hexadecane (C16)

R.T.: 10.260 min
Delta R.T.: 0.006 min
Response: 13138651
Conc: 94.38 ug/ml



#8 n-Octadecane (C18)

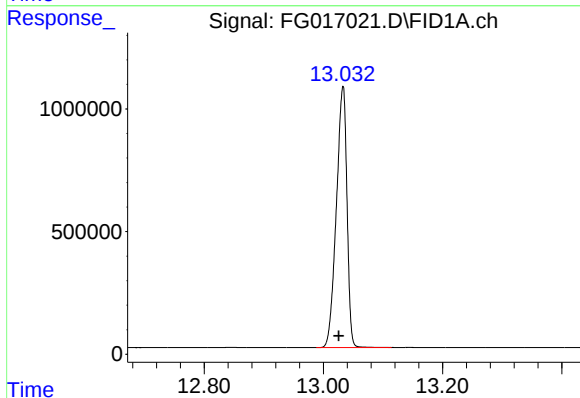
R.T.: 11.716 min
Delta R.T.: 0.009 min
Response: 13507809
Conc: 92.76 ug/ml



#9 ortho-Terphenyl (SURR)

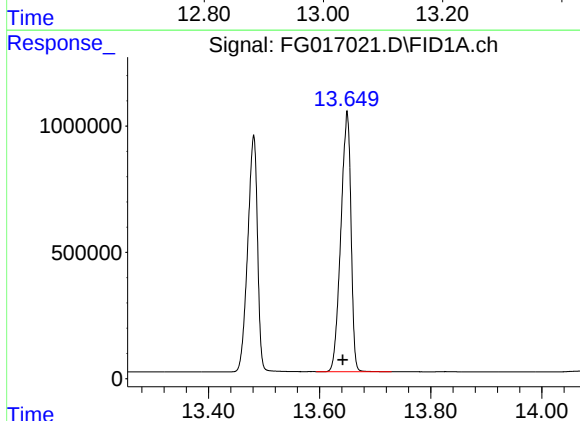
R.T.: 12.039 min
Delta R.T.: 0.011 min
Response: 14831085
Conc: 90.94 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



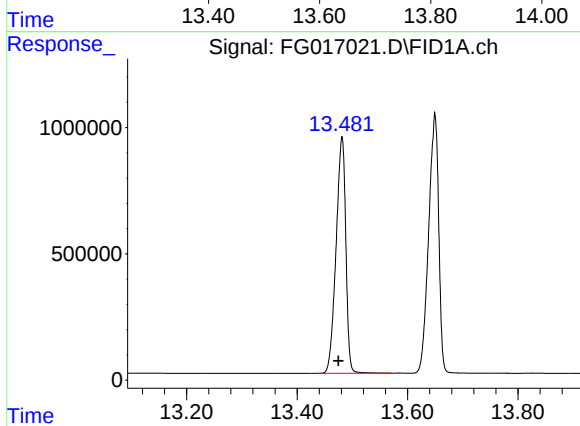
#10 n-Eicosane (C20)

R.T.: 13.033 min
Delta R.T.: 0.007 min
Response: 13175761
Conc: 91.18 ug/ml



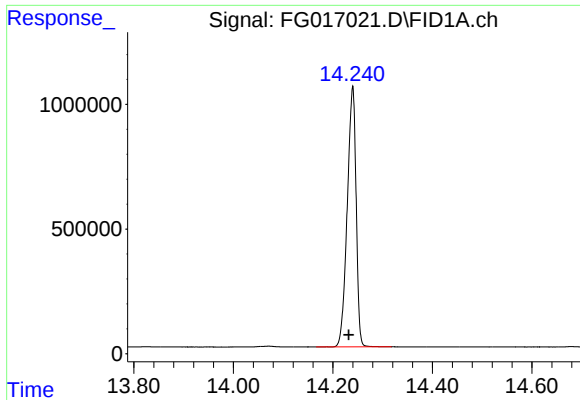
#11 n-Heneicosane (C21)

R.T.: 13.650 min
Delta R.T.: 0.008 min
Response: 12990824
Conc: 90.68 ug/ml



#12 1-chlorooctadecane (SURR)

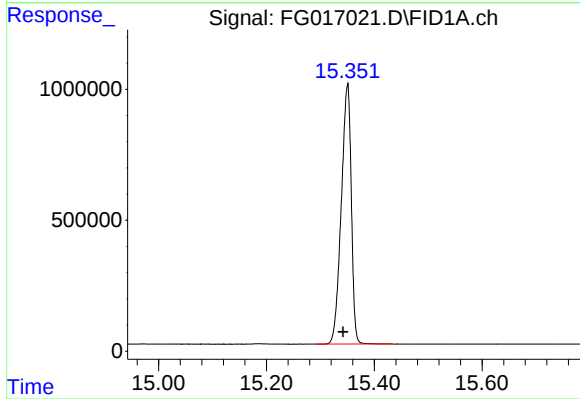
R.T.: 13.481 min
Delta R.T.: 0.007 min
Response: 11431245
Conc: 92.50 ug/ml



#13 n-Docosane (C22)

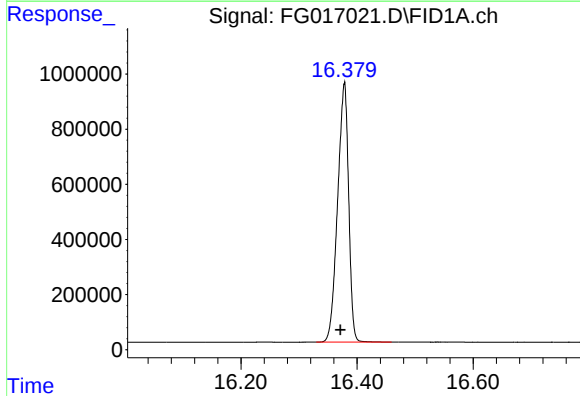
R.T.: 14.240 min
Delta R.T.: 0.008 min
Response: 12939840
Conc: 91.08 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



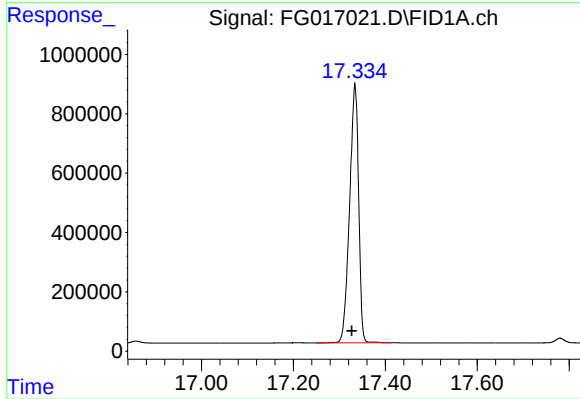
#14 n-Tetracosane (C24)

R.T.: 15.350 min
Delta R.T.: 0.008 min
Response: 12796951
Conc: 90.67 ug/ml



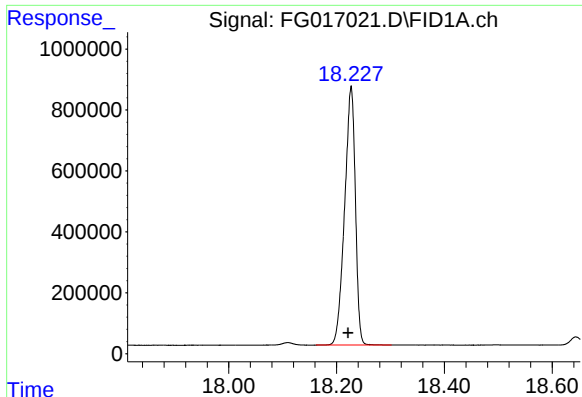
#15 n-Hexacosane (C26)

R.T.: 16.378 min
Delta R.T.: 0.007 min
Response: 12378127
Conc: 89.76 ug/ml



#16 n-Octacosane (C28)

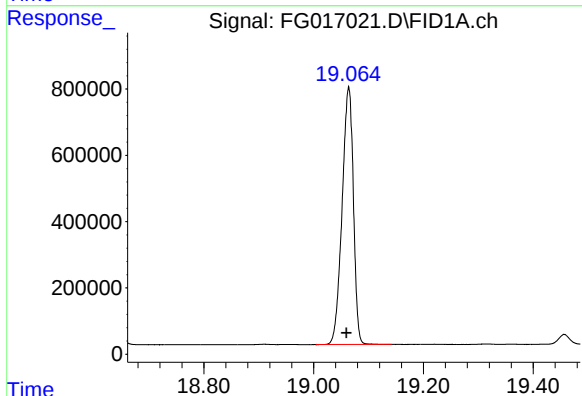
R.T.: 17.334 min
Delta R.T.: 0.007 min
Response: 11906399
Conc: 86.25 ug/ml



#17 n-Tricontane (C30)

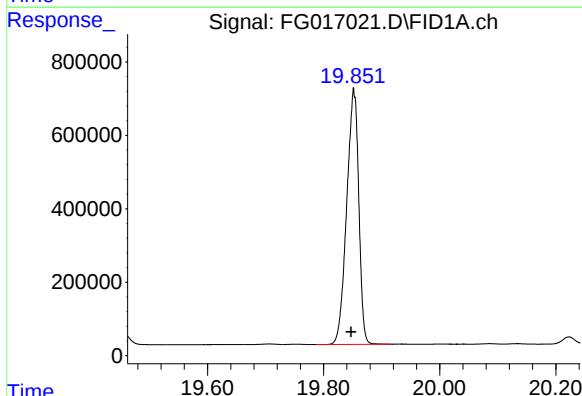
R.T.: 18.227 min
Delta R.T.: 0.005 min
Response: 11742417
Conc: 78.79 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



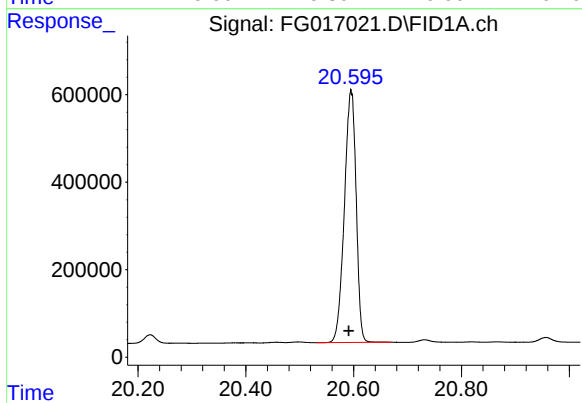
#18 n-Dotriacontane (C32)

R.T.: 19.064 min
Delta R.T.: 0.004 min
Response: 11071384
Conc: 73.35 ug/ml



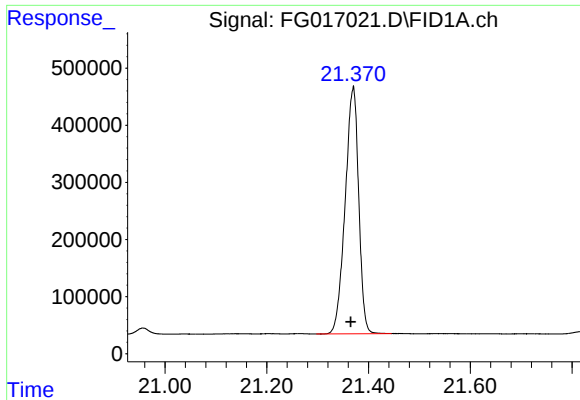
#19 n-Tetratriacontane (C34)

R.T.: 19.852 min
Delta R.T.: 0.005 min
Response: 10017890
Conc: 74.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.595 min
Delta R.T.: 0.005 min
Response: 8724039
Conc: 79.23 ug/ml



#21 n-Octatriacontane (C38)

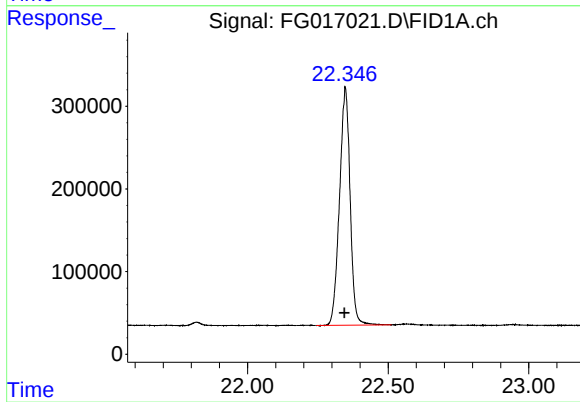
R.T.: 21.370 min
Delta R.T.: 0.005 min
Response: 7969490
Conc: 83.25 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.348 min
Delta R.T.: 0.004 min
Response: 7537252
Conc: 87.93 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
Data File : FG017021.D
Signal(s) : FID1A.ch
Acq On : 26 Nov 2025 21:12
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.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	3.360	3.318	3.450	BB	1203205	12107458	81.64%	4.619%
2	4.621	4.574	4.724	BB	1216388	12370947	83.41%	4.720%
3	6.339	6.307	6.495	BB	1313841	13403080	90.37%	5.114%
4	6.803	6.756	6.894	BB	1242342	12592840	84.91%	4.805%
5	7.443	7.402	7.609	PB	1182757	12885271	86.88%	4.916%
6	8.642	8.592	8.749	BB	1135469	12575830	84.79%	4.798%
7	10.260	10.217	10.365	BB	1158215	13138651	88.59%	5.013%
8	11.716	11.673	11.808	BB	1140049	13507809	91.08%	5.154%
9	12.039	11.993	12.125	BB	1313510	14831085	100.00%	5.659%
10	13.033	12.988	13.115	BB	1065477	13175761	88.84%	5.027%
11	13.481	13.435	13.571	BB	936583	11431245	77.08%	4.361%
12	13.650	13.594	13.730	BB	1030232	12990824	87.59%	4.957%
13	14.240	14.166	14.318	BB	1044785	12939840	87.25%	4.937%
14	15.350	15.292	15.432	BB	988120	12796951	86.28%	4.883%
15	16.378	16.329	16.460	BB	938708	12378127	83.46%	4.723%
16	17.334	17.250	17.414	BB	872707	11906399	80.28%	4.543%
17	18.227	18.162	18.302	BB	850293	11742417	79.17%	4.480%
18	19.064	19.005	19.142	BB	776759	11071384	74.65%	4.224%
19	19.852	19.787	19.917	BB	694382	10017890	67.55%	3.822%
20	20.595	20.530	20.670	BB	576775	8724039	58.82%	3.329%
21	21.370	21.297	21.445	BB	434198	7969490	53.74%	3.041%
22	22.348	22.244	22.512	BB	287566	7537252	50.82%	2.876%
Sum of corrected areas:						262094590		

Aliphatic EPH 112625.M Mon Dec 01 09:03:43 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
 Data File : FG017022.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 21:42
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 01 08:45:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.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 =	91.81%
12) S 1-chlorooctadecane (S...	13.477	5769671	46.690 ug/ml
Spiked Amount 50.000		Recovery =	93.38%
Target Compounds			
1) T n-Nonane (C9)	3.358	5965885	46.140 ug/ml
2) T n-Decane (C10)	4.619	6095425	45.835 ug/ml
3) T A~Naphthalene (C11.7)	6.335	6510479	47.794 ug/ml
4) T n-Dodecane (C12)	6.799	6225956	45.999 ug/ml
5) T A~2-methylnaphthalene...	7.438	6161809	48.886 ug/ml
6) T n-Tetradecane (C14)	8.638	6254442	46.749 ug/ml
7) T n-Hexadecane (C16)	10.256	6571057	47.205 ug/ml
8) T n-Octadecane (C18)	11.710	6799637	46.695 ug/ml
10) T n-Eicosane (C20)	13.028	6685688	46.268 ug/ml
11) T n-Heneicosane (C21)	13.645	6602011	46.086 ug/ml
13) T n-Docosane (C22)	14.235	6632285	46.685 ug/ml
14) T n-Tetracosane (C24)	15.346	6684130	47.358 ug/ml
15) T n-Hexacosane (C26)	16.374	6483936	47.017 ug/ml
16) T n-Octacosane (C28)	17.330	6296648	45.614 ug/ml
17) T n-Tricontane (C30)	18.224	6285808	42.178 ug/ml
18) T n-Dotriacontane (C32)	19.060	6019450	39.881 ug/ml
19) T n-Tetratriacontane (C34)	19.848	5357171	39.673 ug/ml
20) T n-Hexatriacontane (C36)	20.592	4578216	41.579 ug/ml
21) T n-Octatriacontane (C38)	21.365	4088000	42.706 ug/ml
22) T n-Tetracontane (C40)	22.344	3854560	44.967 ug/ml

(f)=RT Delta > 1/2 Window

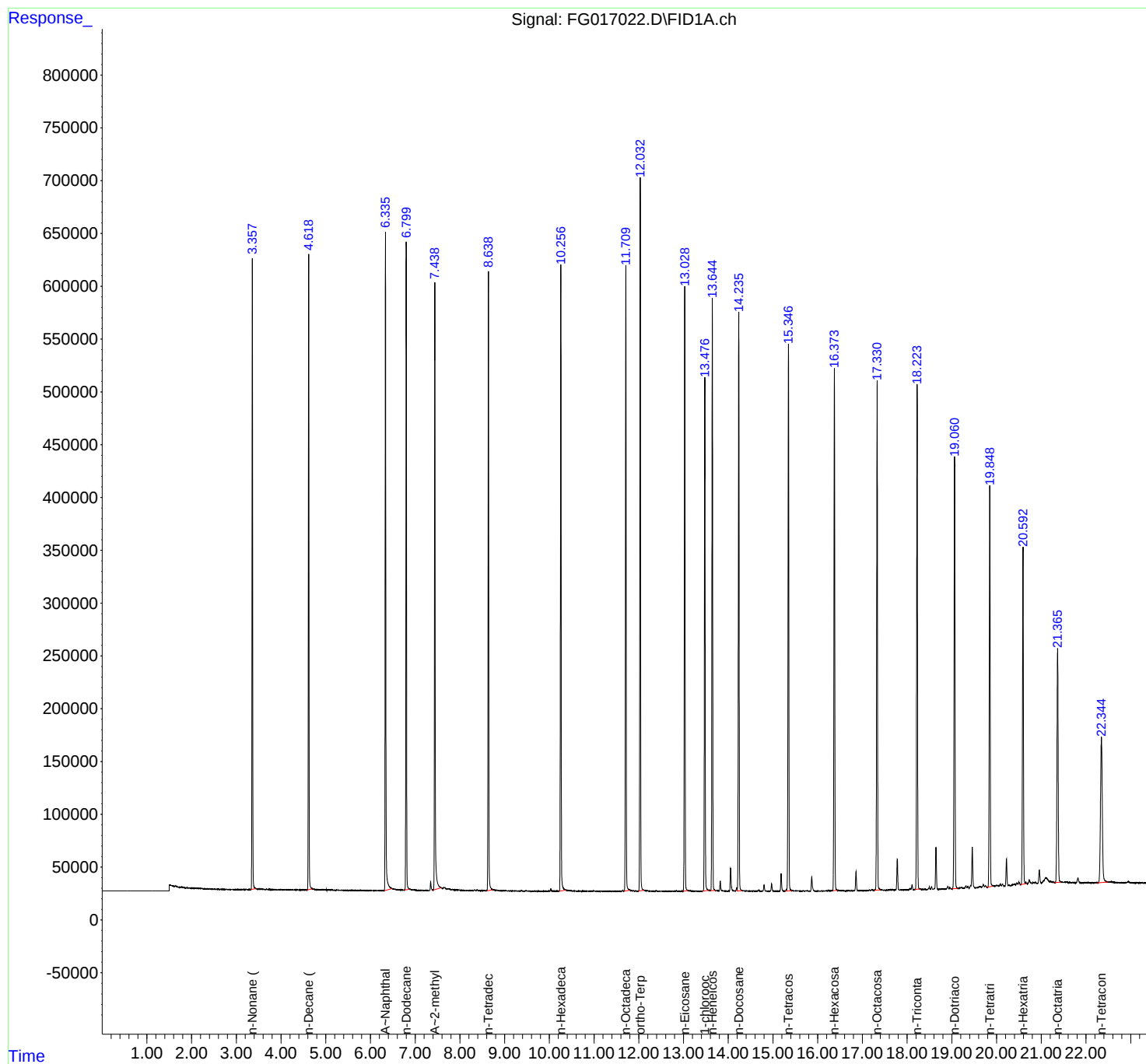
(m)=manual int.

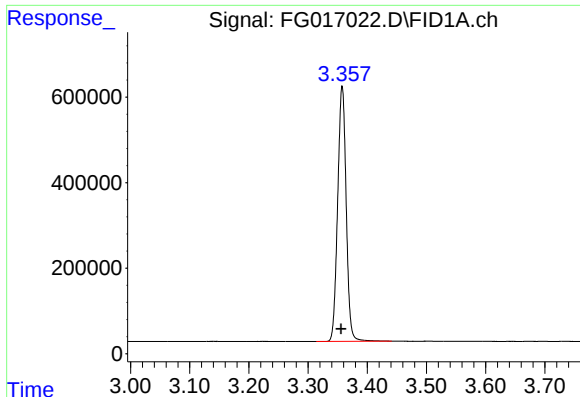
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
Data File : FG017022.D
Signal(s) : FID1A.ch
Acq On : 26 Nov 2025 21:42
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

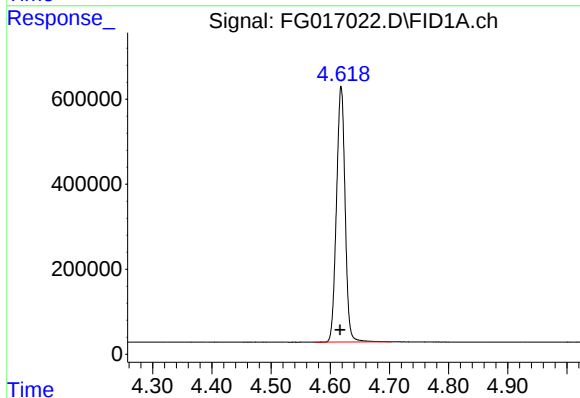




#1 n-Nonane (C9)

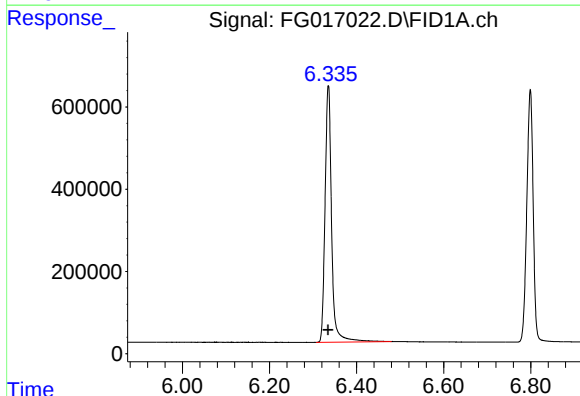
R.T.: 3.358 min
Delta R.T.: 0.002 min
Response: 5965885
Conc: 46.14 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



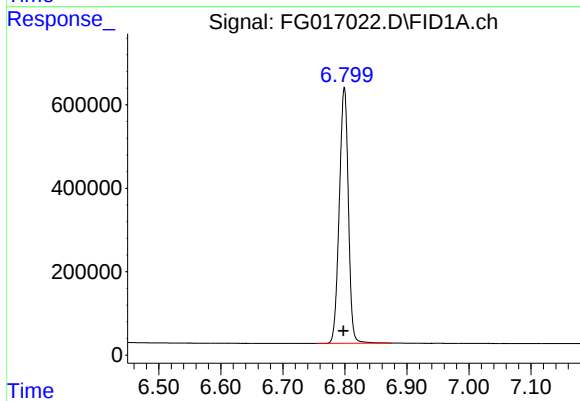
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: 0.002 min
Response: 6095425
Conc: 45.84 ug/ml



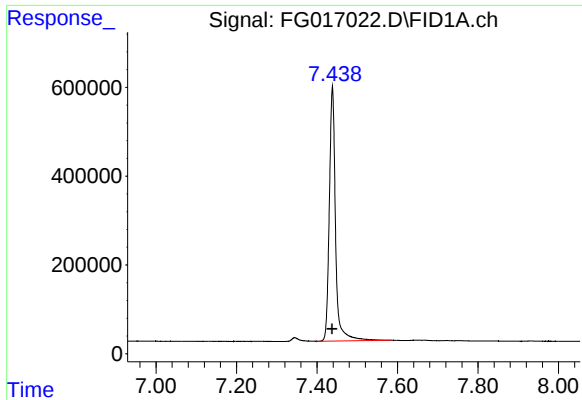
#3 A~Naphthalene (C11.7)

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 6510479
Conc: 47.79 ug/ml



#4 n-Dodecane (C12)

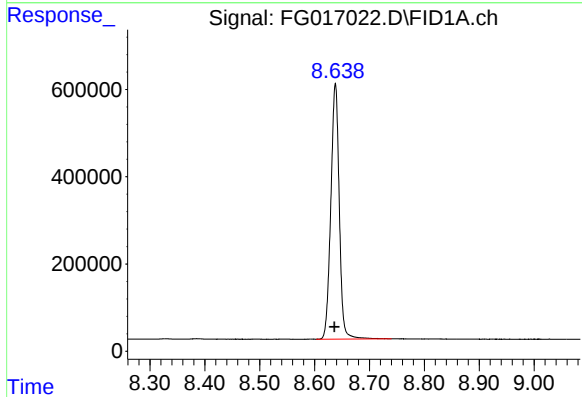
R.T.: 6.799 min
Delta R.T.: 0.002 min
Response: 6225956
Conc: 46.00 ug/ml



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

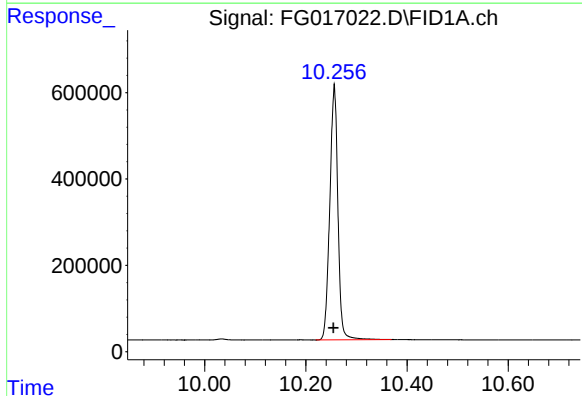
R.T.: 7.438 min
Delta R.T.: 0.001 min
Response: 6161809
Conc: 48.89 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



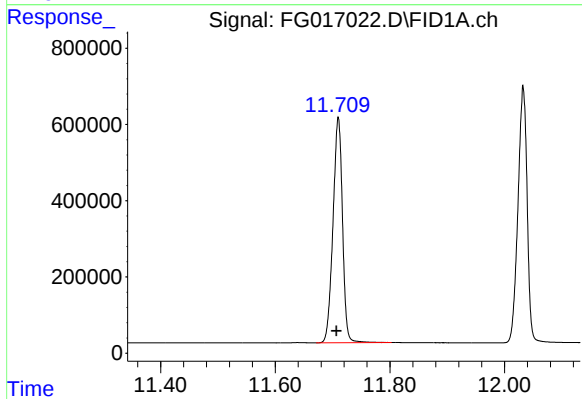
#6 n-Tetradecane (C14)

R.T.: 8.638 min
Delta R.T.: 0.002 min
Response: 6254442
Conc: 46.75 ug/ml



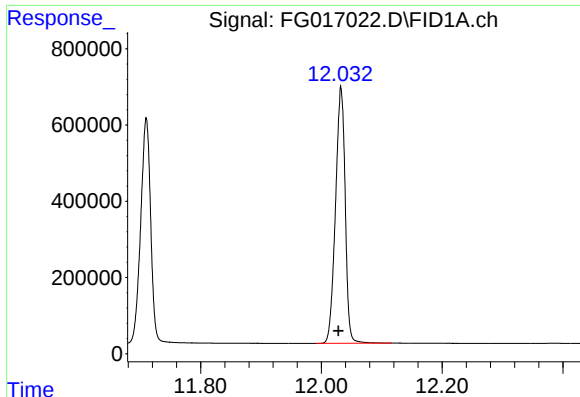
#7 n-Hexadecane (C16)

R.T.: 10.256 min
Delta R.T.: 0.002 min
Response: 6571057
Conc: 47.20 ug/ml



#8 n-Octadecane (C18)

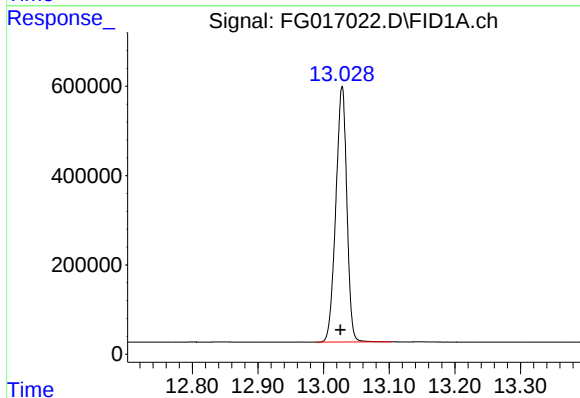
R.T.: 11.710 min
Delta R.T.: 0.004 min
Response: 6799637
Conc: 46.70 ug/ml



#9 ortho-Terphenyl (SURR)

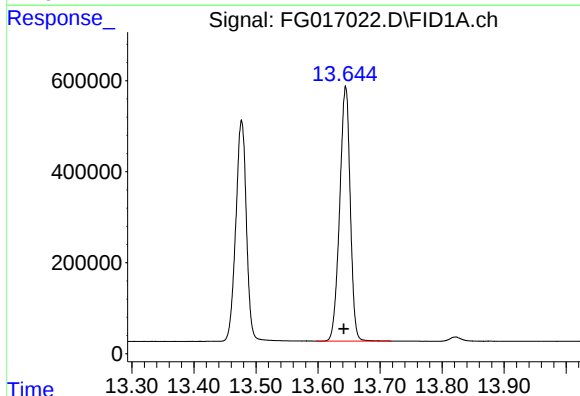
R.T.: 12.033 min
Delta R.T.: 0.004 min
Response: 7486359
Conc: 45.90 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



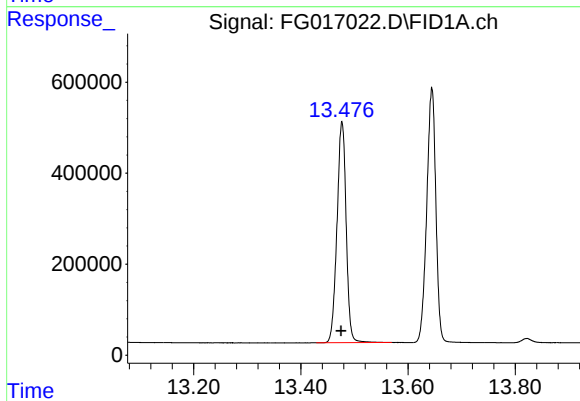
#10 n-Eicosane (C20)

R.T.: 13.028 min
Delta R.T.: 0.003 min
Response: 6685688
Conc: 46.27 ug/ml



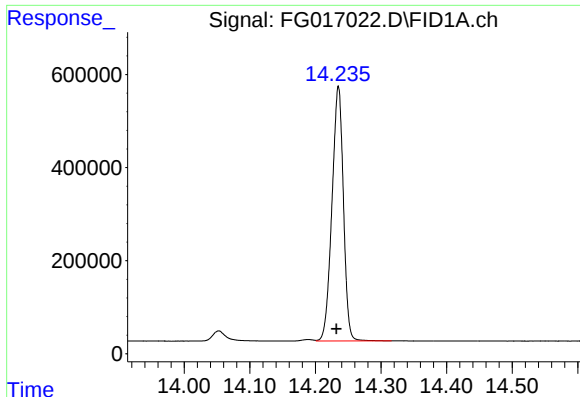
#11 n-Heneicosane (C21)

R.T.: 13.645 min
Delta R.T.: 0.003 min
Response: 6602011
Conc: 46.09 ug/ml



#12 1-chlorooctadecane (SURR)

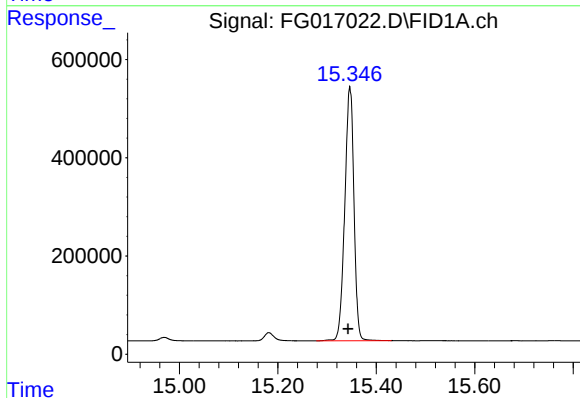
R.T.: 13.477 min
Delta R.T.: 0.002 min
Response: 5769671
Conc: 46.69 ug/ml



#13 n-Docosane (C22)

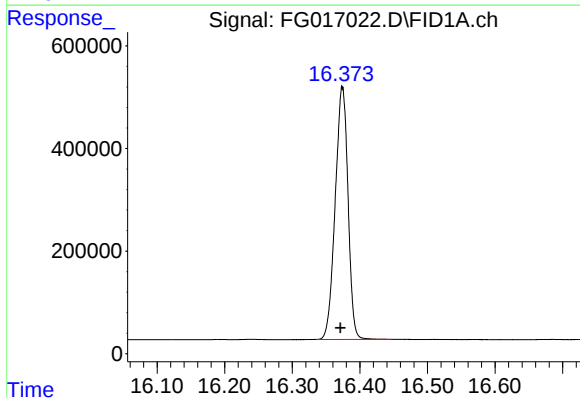
R.T.: 14.235 min
Delta R.T.: 0.003 min
Response: 6632285
Conc: 46.68 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



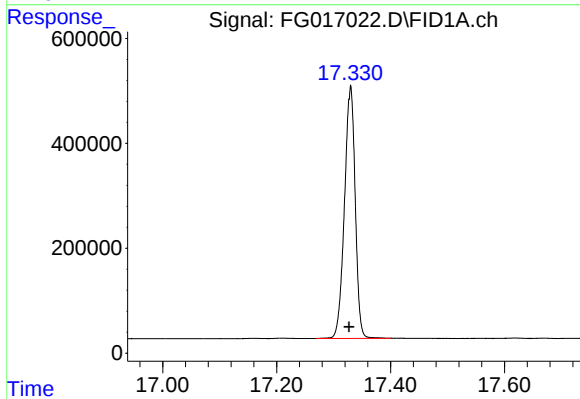
#14 n-Tetracosane (C24)

R.T.: 15.346 min
Delta R.T.: 0.004 min
Response: 6684130
Conc: 47.36 ug/ml



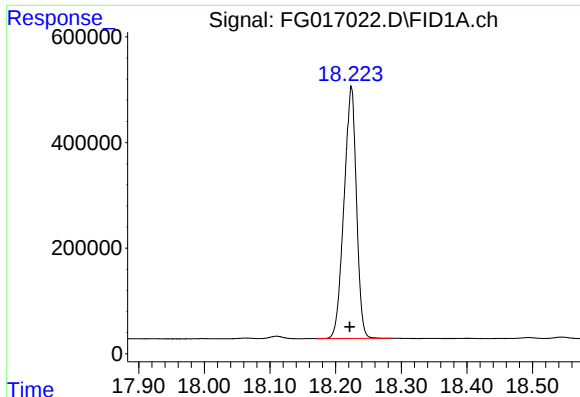
#15 n-Hexacosane (C26)

R.T.: 16.374 min
Delta R.T.: 0.003 min
Response: 6483936
Conc: 47.02 ug/ml



#16 n-Octacosane (C28)

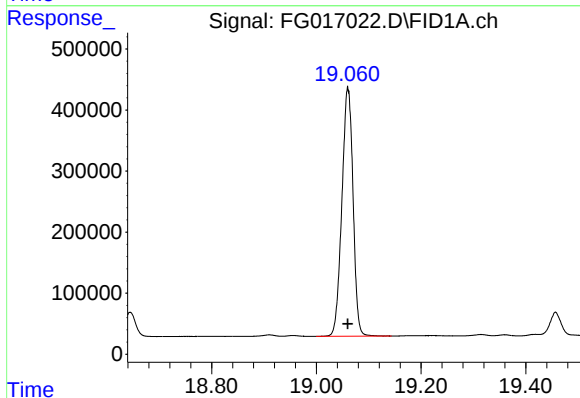
R.T.: 17.330 min
Delta R.T.: 0.003 min
Response: 6296648
Conc: 45.61 ug/ml



#17 n-Tricontane (C30)

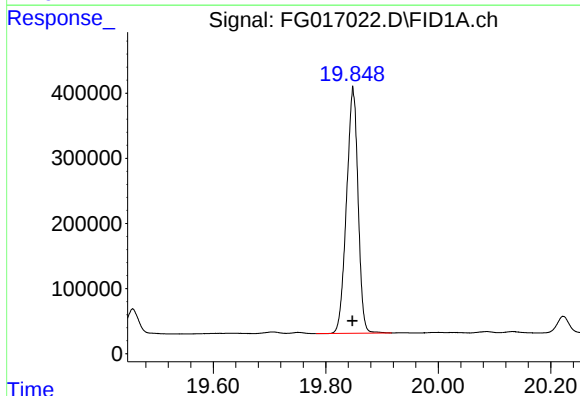
R.T.: 18.224 min
Delta R.T.: 0.003 min
Response: 6285808
Conc: 42.18 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



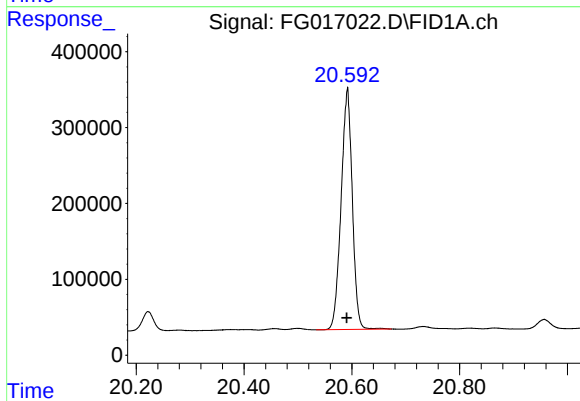
#18 n-Dotriacontane (C32)

R.T.: 19.060 min
Delta R.T.: 0.000 min
Response: 6019450
Conc: 39.88 ug/ml



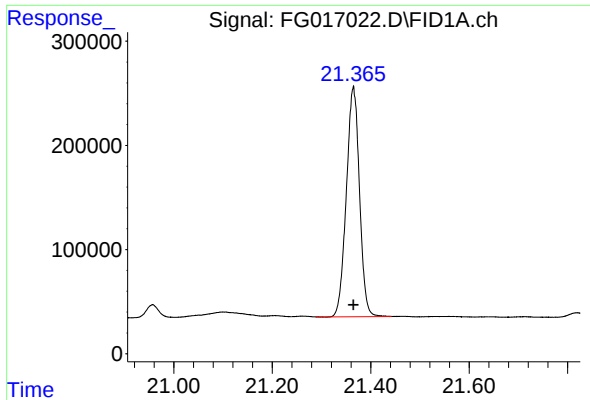
#19 n-Tetratriacontane (C34)

R.T.: 19.848 min
Delta R.T.: 0.000 min
Response: 5357171
Conc: 39.67 ug/ml



#20 n-Hexatriacontane (C36)

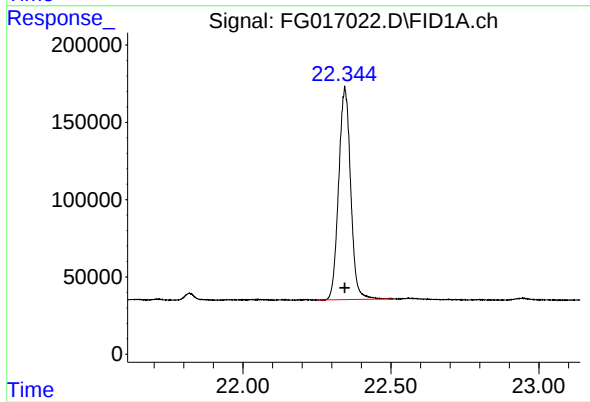
R.T.: 20.592 min
Delta R.T.: 0.001 min
Response: 4578216
Conc: 41.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.365 min
Delta R.T.: 0.000 min
Response: 4088000
Conc: 42.71 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.344 min
Delta R.T.: 0.000 min
Response: 3854560
Conc: 44.97 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
 Data File : FG017022.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 21:42
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.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	3.358	3.314	3.441	BB	596233	5965885	79.69%	4.472%
2	4.619	4.576	4.704	BB	600505	6095425	81.42%	4.569%
3	6.335	6.307	6.480	BB	623540	6510479	86.96%	4.880%
4	6.799	6.754	6.875	BB	613397	6225956	83.16%	4.667%
5	7.438	7.398	7.585	BB	575661	6161809	82.31%	4.619%
6	8.638	8.603	8.740	BB	585845	6254442	83.54%	4.688%
7	10.256	10.220	10.370	BB	591461	6571057	87.77%	4.926%
8	11.710	11.671	11.803	BB	590748	6799637	90.83%	5.097%
9	12.033	11.991	12.116	BB	669897	7486359	100.00%	5.612%
10	13.028	12.989	13.104	BB	573159	6685688	89.30%	5.011%
11	13.477	13.429	13.570	BB	485323	5769671	77.07%	4.325%
12	13.645	13.597	13.719	BB	560050	6602011	88.19%	4.949%
13	14.235	14.201	14.316	VB	547156	6632285	88.59%	4.971%
14	15.346	15.278	15.431	BB	516819	6684130	89.28%	5.010%
15	16.374	16.335	16.447	BB	491576	6483936	86.61%	4.860%
16	17.330	17.270	17.402	BB	482917	6296648	84.11%	4.720%
17	18.224	18.170	18.285	BB	477289	6285808	83.96%	4.712%
18	19.060	19.000	19.144	BB	407435	6019450	80.41%	4.512%
19	19.848	19.783	19.917	BB	376677	5357171	71.56%	4.016%
20	20.592	20.534	20.674	BB	317955	4578216	61.15%	3.432%
21	21.365	21.289	21.442	BB	220098	4088000	54.61%	3.064%
22	22.344	22.247	22.502	BB	137528	3854560	51.49%	2.889%
Sum of corrected areas:						133408624		

Aliphatic EPH 112625.M Mon Dec 01 09:04:23 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
 Data File : FG017023.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 22:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Dec 01 08:46:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:45:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.028	3261704	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.475	2471494	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.356	2585965	20.000 ug/ml
2) T n-Decane (C10)	4.617	2659720	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.335	2724394	20.000 ug/ml
4) T n-Dodecane (C12)	6.798	2707019	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.437	2520900	20.000 ug/ml
6) T n-Tetradecane (C14)	8.637	2675749	20.000 ug/ml
7) T n-Hexadecane (C16)	10.254	2784058	20.000 ug/ml
8) T n-Octadecane (C18)	11.706	2912333	20.000 ug/ml
10) T n-Eicosane (C20)	13.026	2890007	20.000 ug/ml
11) T n-Heneicosane (C21)	13.642	2865098	20.000 ug/ml
13) T n-Docosane (C22)	14.232	2841307	20.000 ug/ml
14) T n-Tetracosane (C24)	15.342	2822797	20.000 ug/ml
15) T n-Hexacosane (C26)	16.371	2758152	20.000 ug/ml
16) T n-Octacosane (C28)	17.327	2760832	20.000 ug/ml
17) T n-Tricontane (C30)	18.222	2980625	20.000 ug/ml
18) T n-Dotriacontane (C32)	19.060	3018735	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.848	2700637	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.591	2202159	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.365	1914482	20.000 ug/ml
22) T n-Tetracontane (C40)	22.344	1714389	20.000 ug/ml

(f)=RT Delta > 1/2 Window

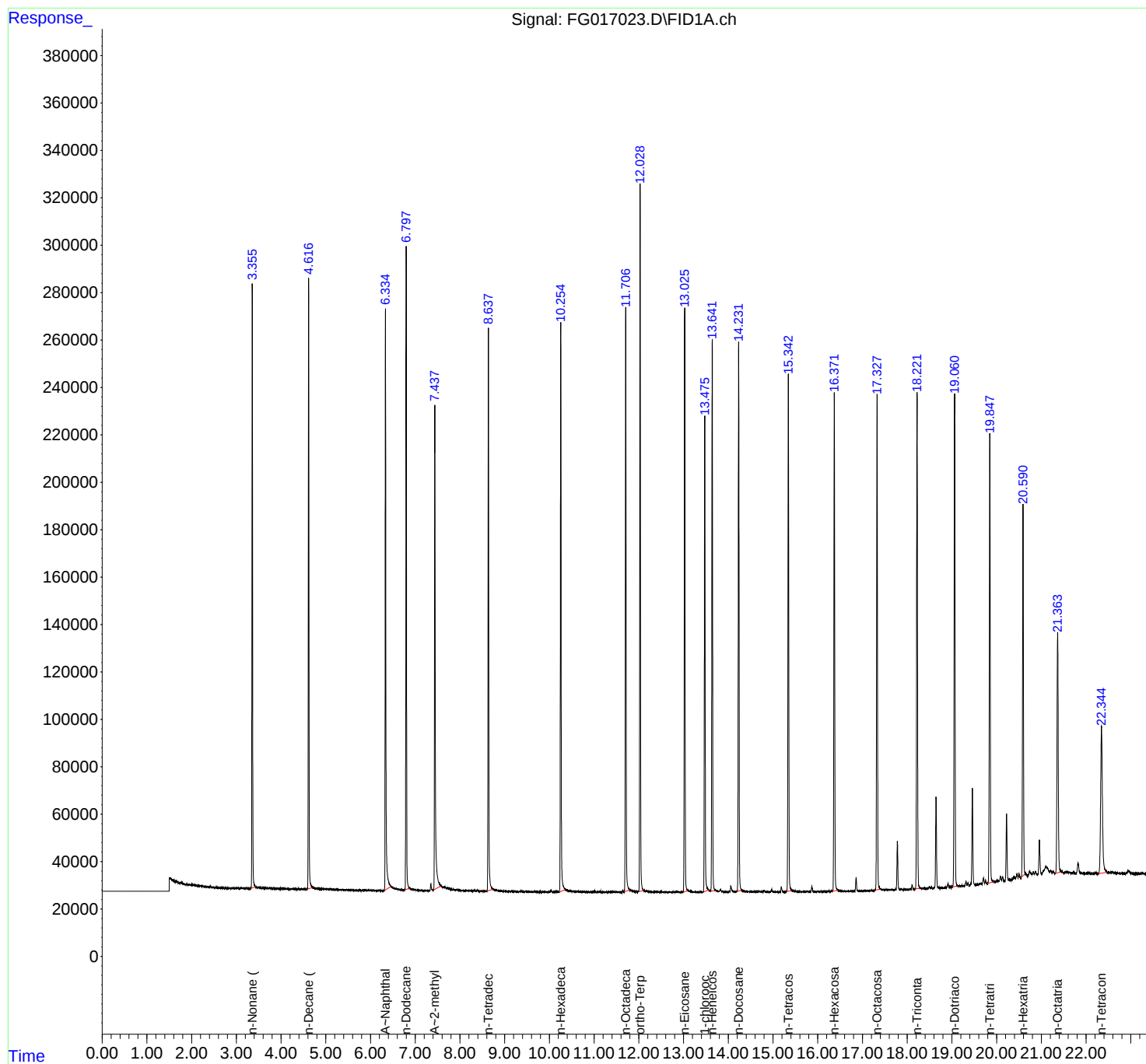
(m)=manual int.

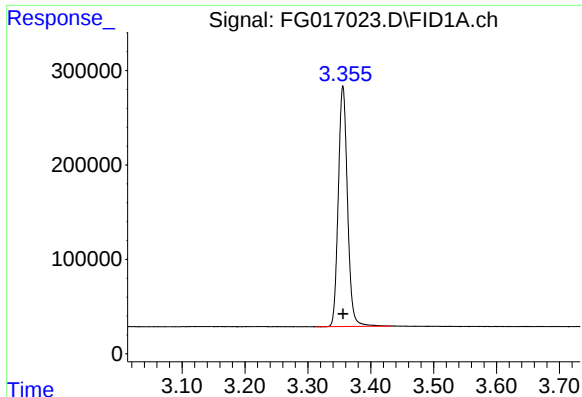
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
Data File : FG017023.D
Signal(s) : FID1A.ch
Acq On : 26 Nov 2025 22:11
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Dec 01 08:46:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:45:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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

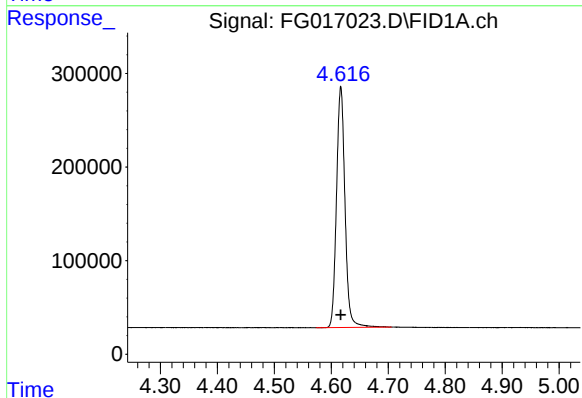




#1 n-Nonane (C9)

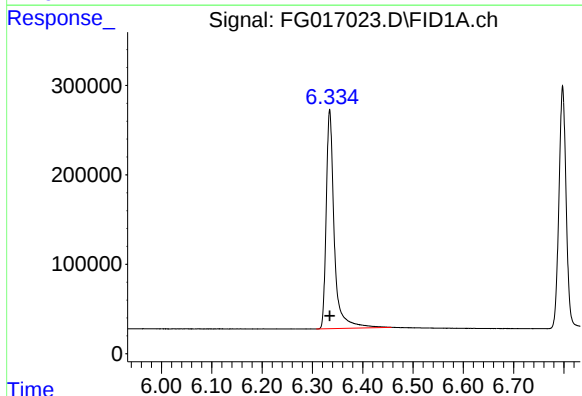
R.T.: 3.356 min
Delta R.T.: 0.000 min
Response: 2585965
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



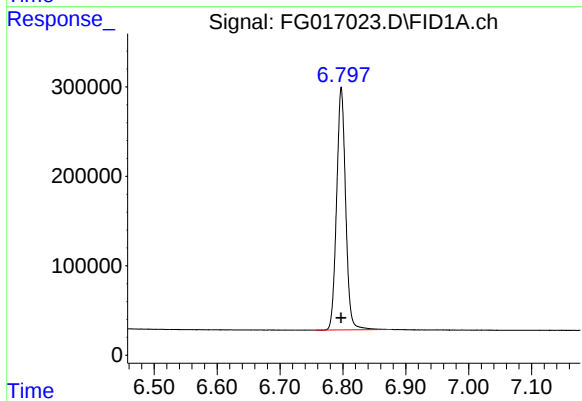
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 2659720
Conc: 20.00 ug/ml



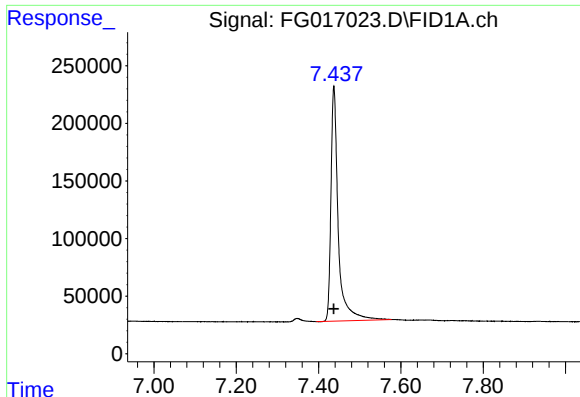
#3 A~Naphthalene (C11.7)

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 2724394
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

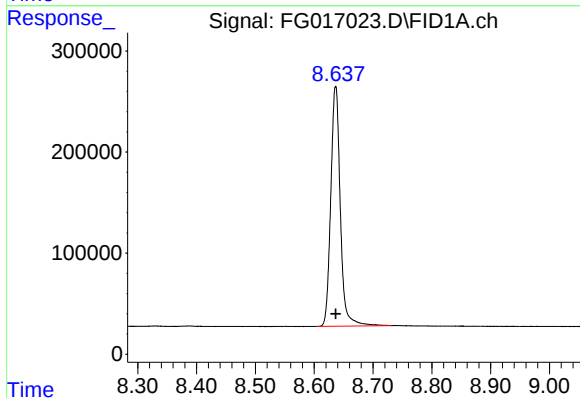
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 2707019
Conc: 20.00 ug/ml



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

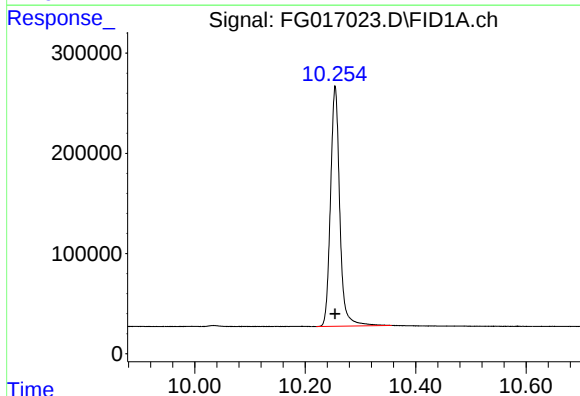
R.T.: 7.437 min
Delta R.T.: 0.000 min
Response: 2520900
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



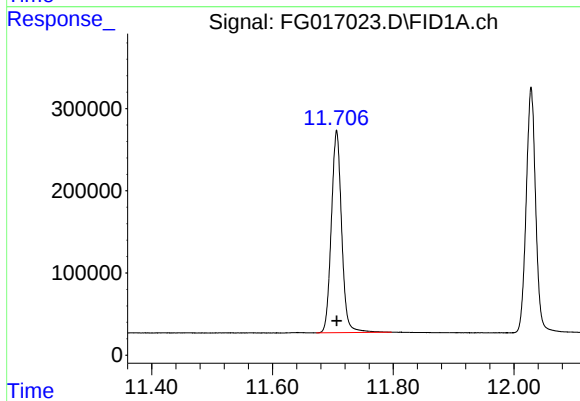
#6 n-Tetradecane (C14)

R.T.: 8.637 min
Delta R.T.: 0.000 min
Response: 2675749
Conc: 20.00 ug/ml



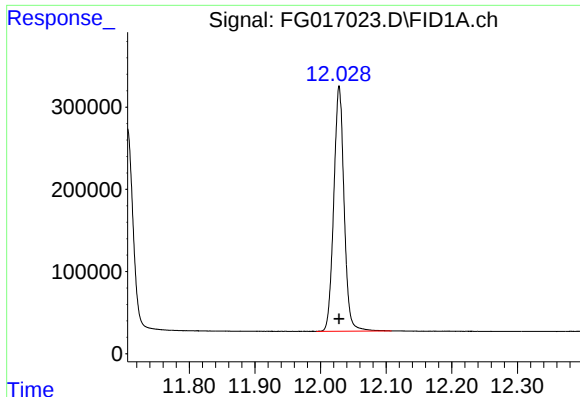
#7 n-Hexadecane (C16)

R.T.: 10.254 min
Delta R.T.: 0.000 min
Response: 2784058
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

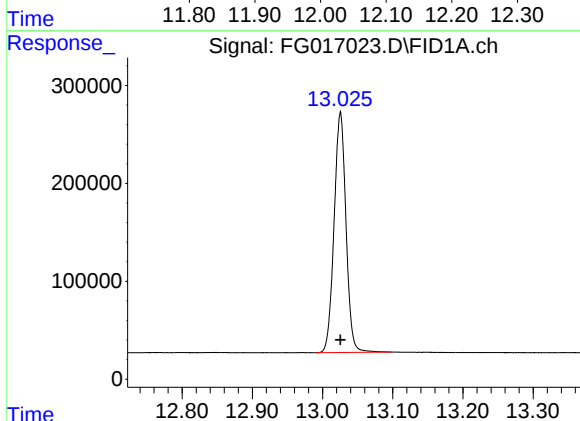
R.T.: 11.706 min
Delta R.T.: 0.000 min
Response: 2912333
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

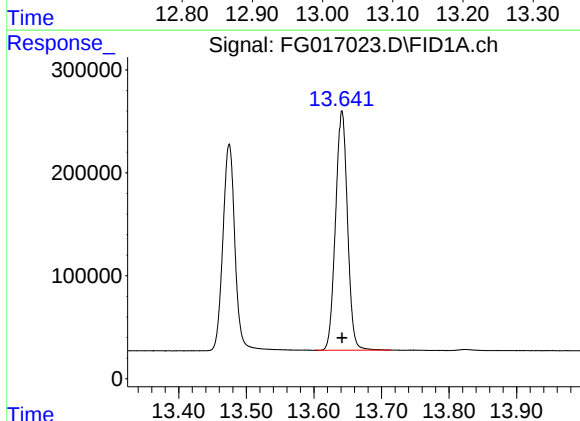
R.T.: 12.028 min
Delta R.T.: 0.000 min
Response: 3261704
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



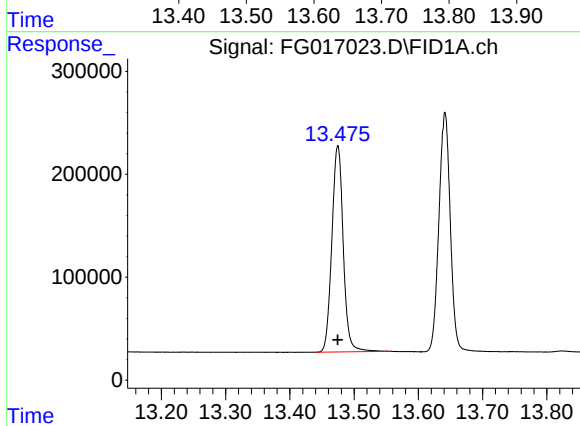
#10 n-Eicosane (C20)

R.T.: 13.026 min
Delta R.T.: 0.000 min
Response: 2890007
Conc: 20.00 ug/ml



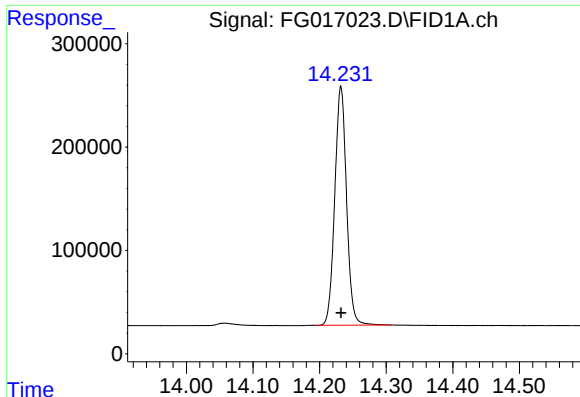
#11 n-Heneicosane (C21)

R.T.: 13.642 min
Delta R.T.: 0.000 min
Response: 2865098
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

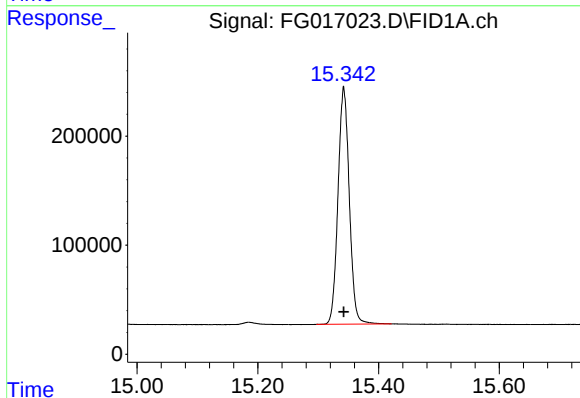
R.T.: 13.475 min
Delta R.T.: 0.000 min
Response: 2471494
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

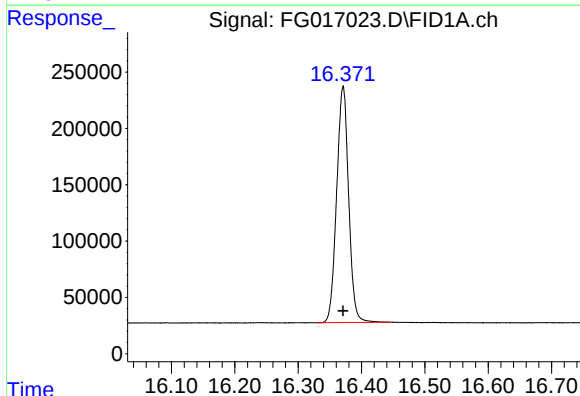
R.T.: 14.232 min
Delta R.T.: 0.000 min
Response: 2841307
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



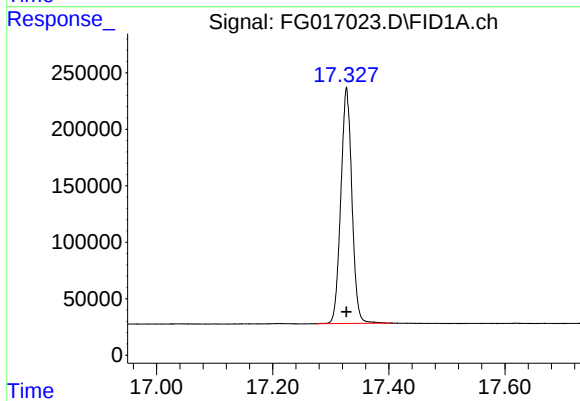
#14 n-Tetracosane (C24)

R.T.: 15.342 min
Delta R.T.: 0.000 min
Response: 2822797
Conc: 20.00 ug/ml



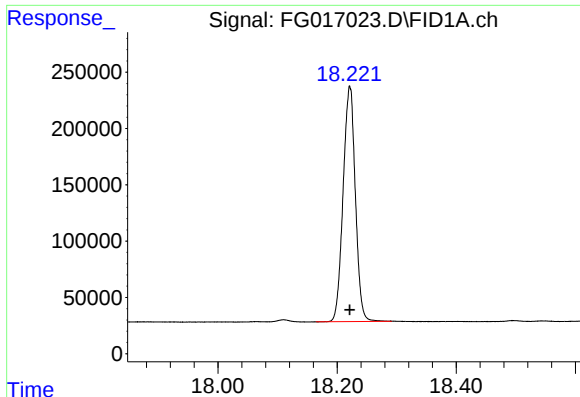
#15 n-Hexacosane (C26)

R.T.: 16.371 min
Delta R.T.: 0.000 min
Response: 2758152
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

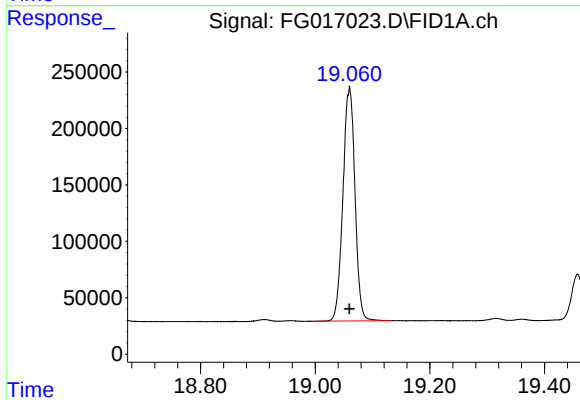
R.T.: 17.327 min
Delta R.T.: 0.000 min
Response: 2760832
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

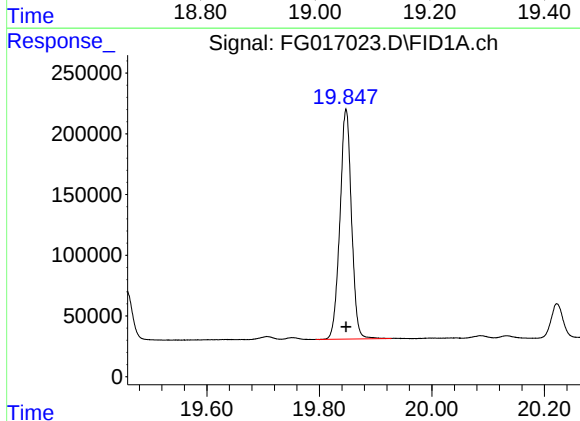
R.T.: 18.222 min
Delta R.T.: 0.000 min
Response: 2980625
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



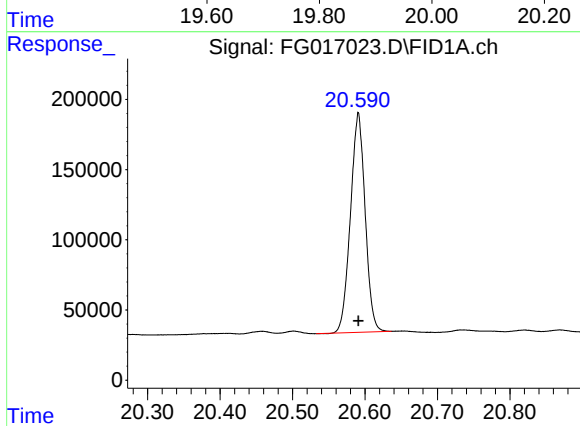
#18 n-Dotriacontane (C32)

R.T.: 19.060 min
Delta R.T.: 0.000 min
Response: 3018735
Conc: 20.00 ug/ml



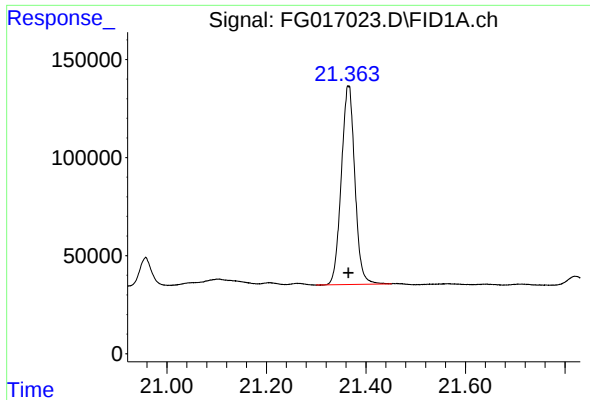
#19 n-Tetratriacontane (C34)

R.T.: 19.848 min
Delta R.T.: 0.000 min
Response: 2700637
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

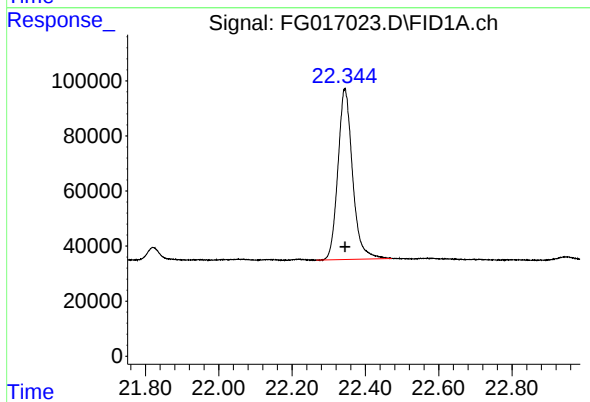
R.T.: 20.591 min
Delta R.T.: 0.000 min
Response: 2202159
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.365 min
Delta R.T.: 0.000 min
Response: 1914482
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.344 min
Delta R.T.: 0.000 min
Response: 1714389
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
 Data File : FG017023.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 22:11
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.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	3.356	3.313	3.433	BB	254769	2585965	79.28%	4.400%
2	4.617	4.573	4.706	BB	257583	2659720	81.54%	4.525%
3	6.335	6.308	6.458	BB	244765	2724394	83.53%	4.635%
4	6.798	6.758	6.878	BB	270926	2707019	82.99%	4.606%
5	7.437	7.394	7.578	BB	204064	2520900	77.29%	4.289%
6	8.637	8.603	8.732	BB	237193	2675749	82.04%	4.553%
7	10.254	10.220	10.357	BB	239833	2784058	85.36%	4.737%
8	11.706	11.673	11.798	BB	246257	2912333	89.29%	4.955%
9	12.028	11.993	12.108	BB	298339	3261704	100.00%	5.550%
10	13.026	12.991	13.098	BB	246140	2890007	88.60%	4.917%
11	13.475	13.441	13.558	BB	200818	2471494	75.77%	4.205%
12	13.642	13.603	13.715	BB	232551	2865098	87.84%	4.875%
13	14.232	14.195	14.308	BB	231448	2841307	87.11%	4.834%
14	15.342	15.297	15.422	BB	217524	2822797	86.54%	4.803%
15	16.371	16.328	16.448	BB	209779	2758152	84.56%	4.693%
16	17.327	17.275	17.405	BB	209273	2760832	84.64%	4.697%
17	18.222	18.165	18.292	BB	208557	2980625	91.38%	5.071%
18	19.060	19.002	19.133	BB	207752	3018735	92.55%	5.136%
19	19.848	19.794	19.928	BB	189282	2700637	82.80%	4.595%
20	20.591	20.533	20.637	BB	156715	2202159	67.52%	3.747%
21	21.365	21.300	21.452	BB	101048	1914482	58.70%	3.257%
22	22.344	22.266	22.472	BB	62150	1714389	52.56%	2.917%
Sum of corrected areas:							58772558	

Aliphatic EPH 112625.M Mon Dec 01 09:04:53 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
 Data File : FG017024.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 22:41
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 01 08:46:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:45:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.028	1603130	9.830 ug/ml
Spiked Amount 50.000		Recovery =	19.66%
12) S 1-chlorooctadecane (S...	13.474	1195581	9.675 ug/ml
Spiked Amount 50.000		Recovery =	19.35%
Target Compounds			
1) T n-Nonane (C9)	3.356	1266349	9.794 ug/ml
2) T n-Decane (C10)	4.617	1279667	9.623 ug/ml
3) T A~Naphthalene (C11.7)	6.336	1238463	9.092 ug/ml
4) T n-Dodecane (C12)	6.797	1307282	9.658 ug/ml
5) T A~2-methylnaphthalene...	7.439	1100004	8.727 ug/ml
6) T n-Tetradecane (C14)	8.635	1277231	9.547 ug/ml
7) T n-Hexadecane (C16)	10.254	1303429	9.364 ug/ml
8) T n-Octadecane (C18)	11.706	1392377	9.562 ug/ml
10) T n-Eicosane (C20)	13.024	1422671	9.845 ug/ml
11) T n-Heneicosane (C21)	13.641	1411133	9.851 ug/ml
13) T n-Docosane (C22)	14.232	1431152	10.074 ug/ml
14) T n-Tetracosane (C24)	15.343	1484401	10.517 ug/ml
15) T n-Hexacosane (C26)	16.371	1463874	10.615 ug/ml
16) T n-Octacosane (C28)	17.327	1487269	10.774 ug/ml
17) T n-Tricontane (C30)	18.220	1610755	10.808 ug/ml
18) T n-Dotriacontane (C32)	19.058	1651686	10.943 ug/ml
19) T n-Tetratriacontane (C34)	19.847	1444829	10.700 ug/ml
20) T n-Hexatriacontane (C36)	20.591	1142118	10.373 ug/ml
21) T n-Octatriacontane (C38)	21.364	998372	10.430 ug/ml
22) T n-Tetracontane (C40)	22.348	884418	10.318 ug/ml

(f)=RT Delta > 1/2 Window

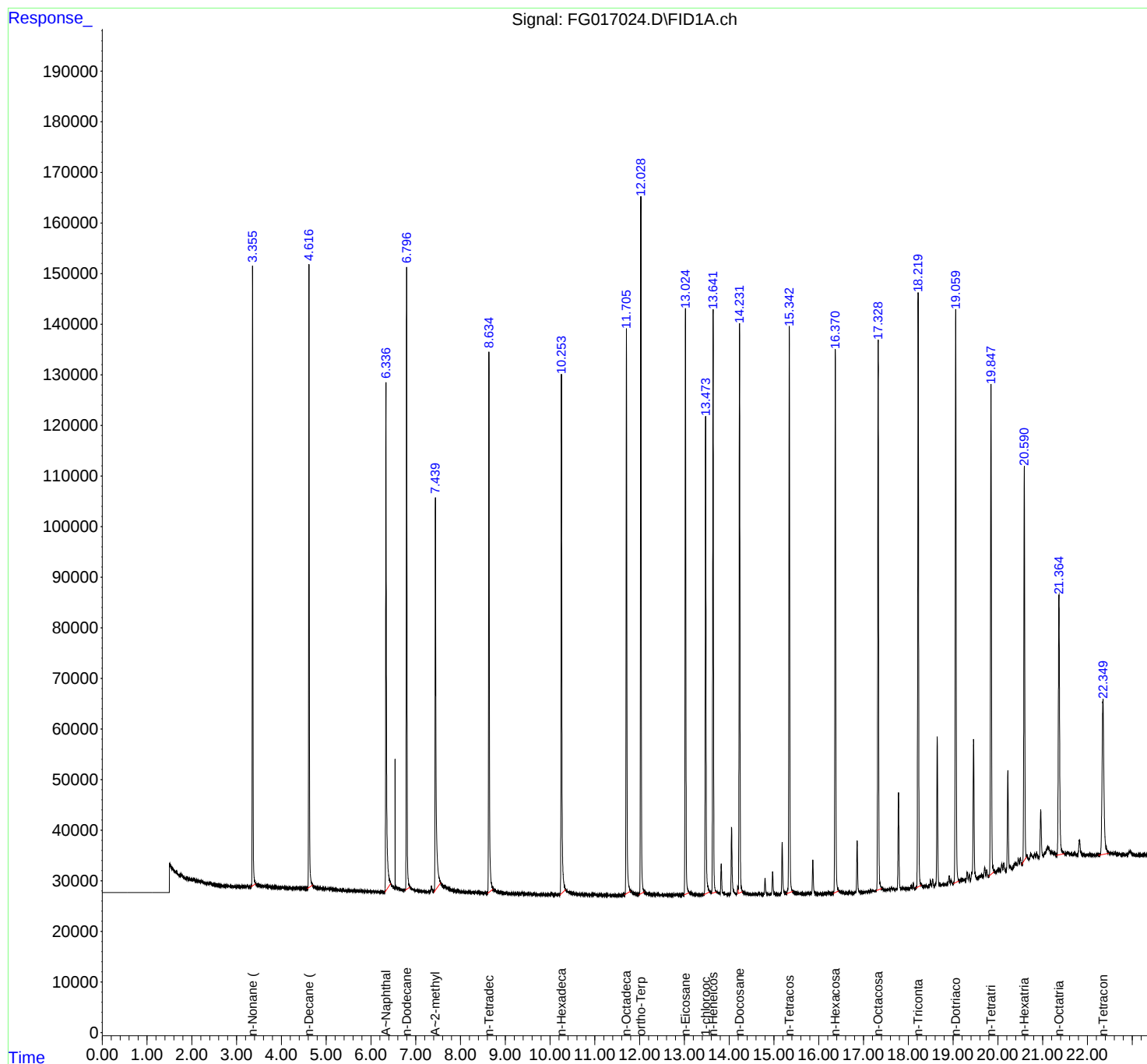
(m)=manual int.

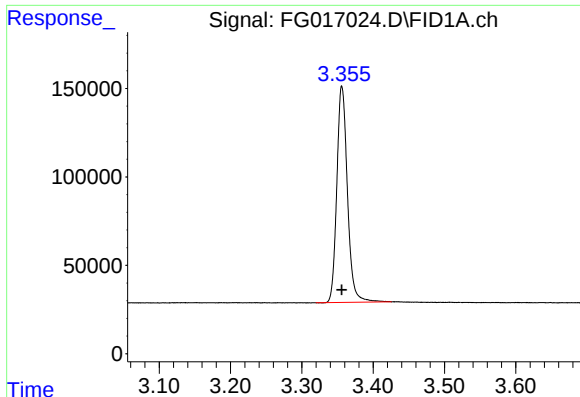
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
Data File : FG017024.D
Signal(s) : FID1A.ch
Acq On : 26 Nov 2025 22:41
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Dec 01 08:46:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:45:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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

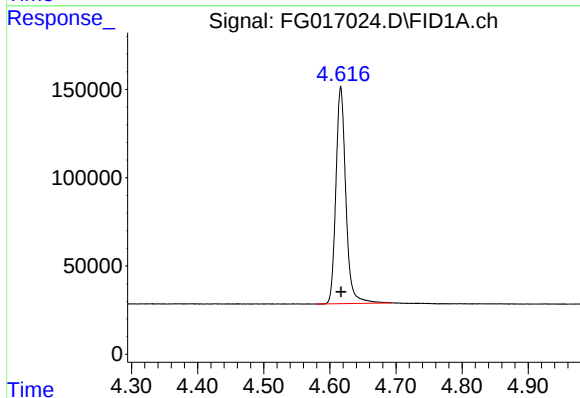




#1 n-Nonane (C9)

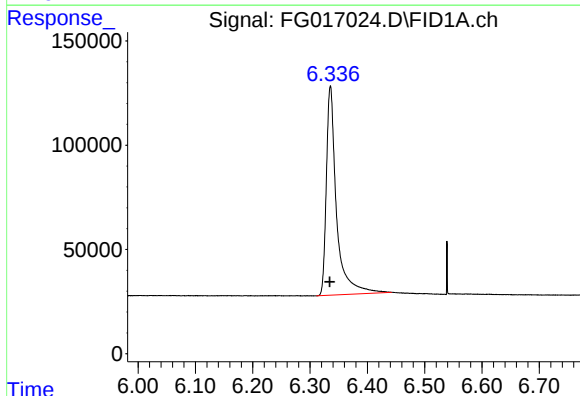
R.T.: 3.356 min
Delta R.T.: 0.000 min
Response: 1266349
Conc: 9.79 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



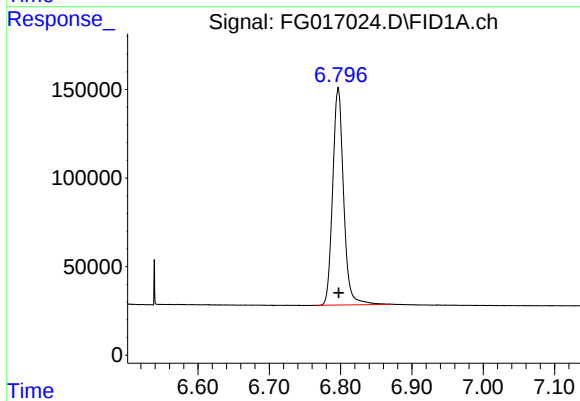
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 1279667
Conc: 9.62 ug/ml



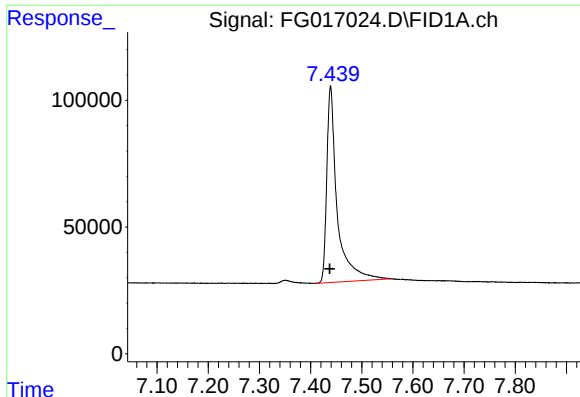
#3 A~Naphthalene (C11.7)

R.T.: 6.336 min
Delta R.T.: 0.001 min
Response: 1238463
Conc: 9.09 ug/ml



#4 n-Dodecane (C12)

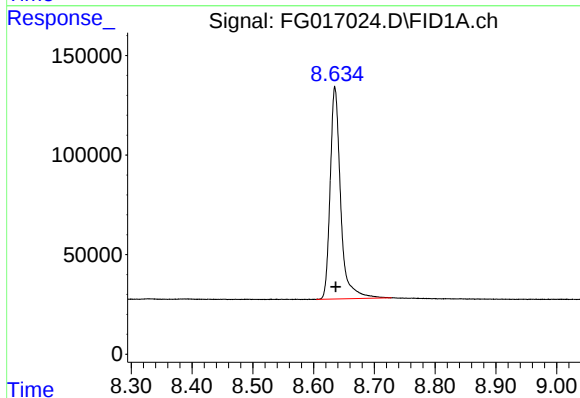
R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 1307282
Conc: 9.66 ug/ml



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

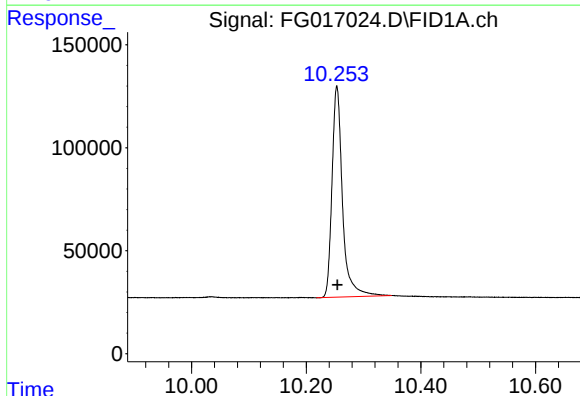
R.T.: 7.439 min
Delta R.T.: 0.002 min
Response: 1100004
Conc: 8.73 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



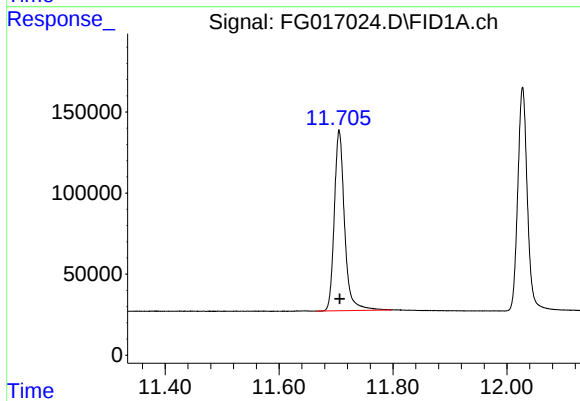
#6 n-Tetradecane (C14)

R.T.: 8.635 min
Delta R.T.: -0.001 min
Response: 1277231
Conc: 9.55 ug/ml



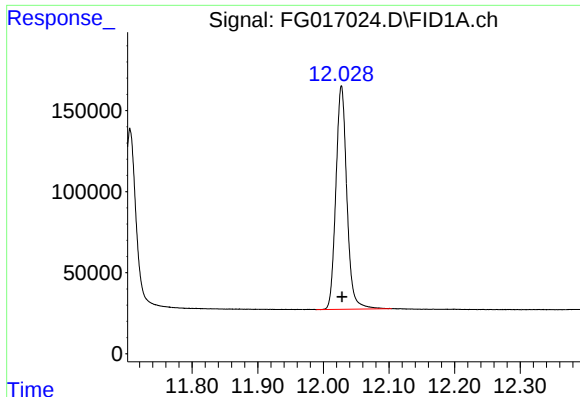
#7 n-Hexadecane (C16)

R.T.: 10.254 min
Delta R.T.: 0.000 min
Response: 1303429
Conc: 9.36 ug/ml



#8 n-Octadecane (C18)

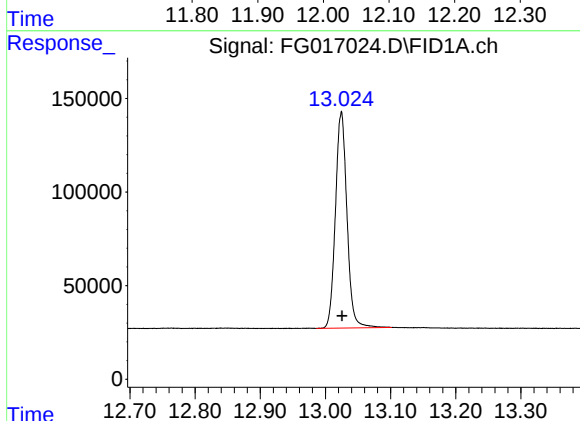
R.T.: 11.706 min
Delta R.T.: 0.000 min
Response: 1392377
Conc: 9.56 ug/ml



#9 ortho-Terphenyl (SURR)

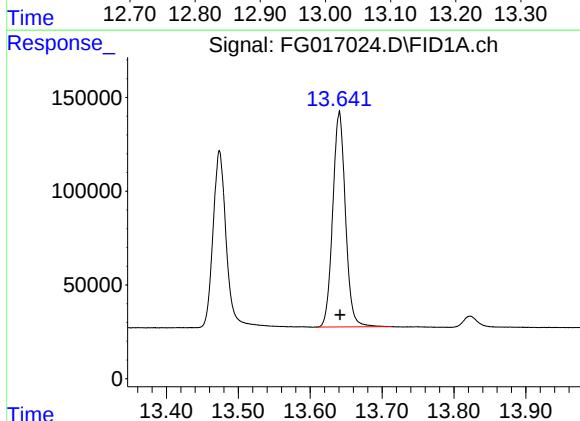
R.T.: 12.028 min
Delta R.T.: 0.000 min
Response: 1603130
Conc: 9.83 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



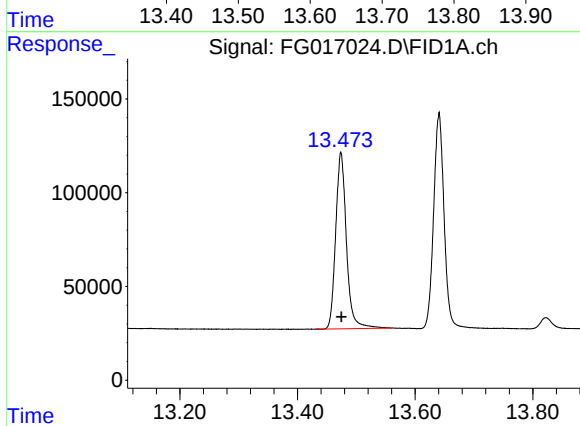
#10 n-Eicosane (C20)

R.T.: 13.024 min
Delta R.T.: -0.001 min
Response: 1422671
Conc: 9.85 ug/ml



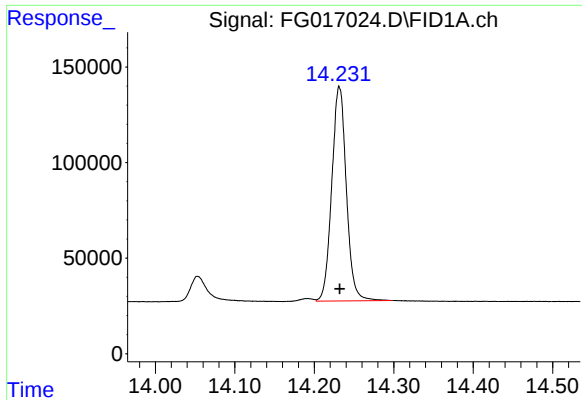
#11 n-Heneicosane (C21)

R.T.: 13.641 min
Delta R.T.: 0.000 min
Response: 1411133
Conc: 9.85 ug/ml



#12 1-chlorooctadecane (SURR)

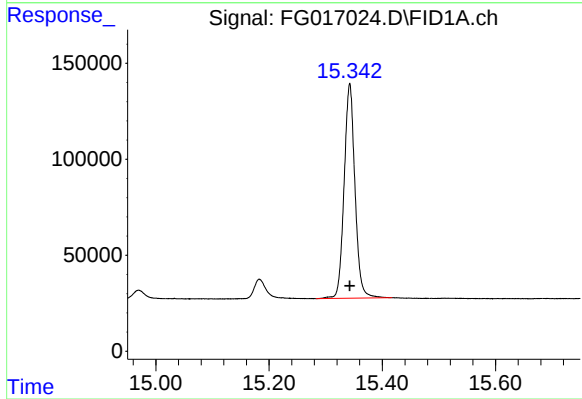
R.T.: 13.474 min
Delta R.T.: 0.000 min
Response: 1195581
Conc: 9.67 ug/ml



#13 n-Docosane (C22)

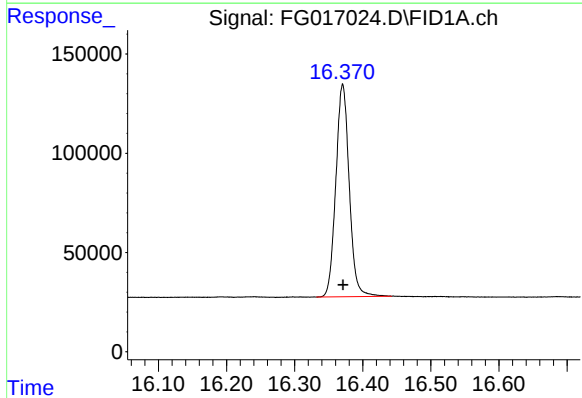
R.T.: 14.232 min
Delta R.T.: 0.000 min
Response: 1431152
Conc: 10.07 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



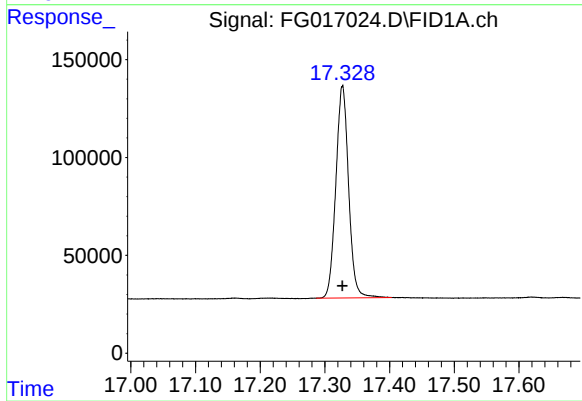
#14 n-Tetracosane (C24)

R.T.: 15.343 min
Delta R.T.: 0.000 min
Response: 1484401
Conc: 10.52 ug/ml



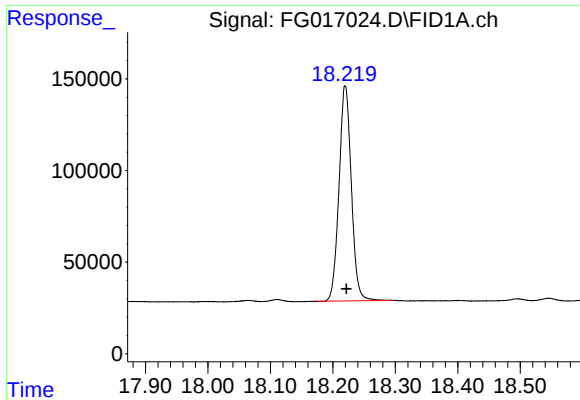
#15 n-Hexacosane (C26)

R.T.: 16.371 min
Delta R.T.: 0.000 min
Response: 1463874
Conc: 10.61 ug/ml



#16 n-Octacosane (C28)

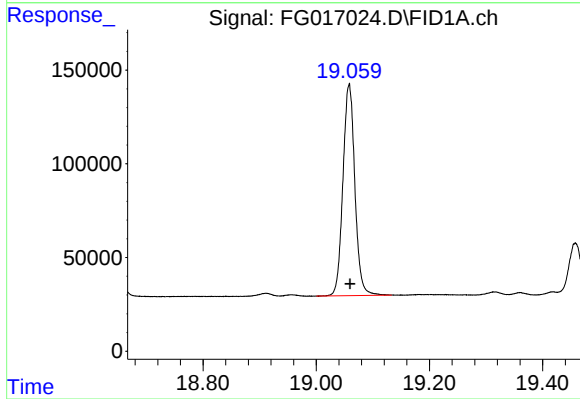
R.T.: 17.327 min
Delta R.T.: 0.000 min
Response: 1487269
Conc: 10.77 ug/ml



#17 n-Tricontane (C30)

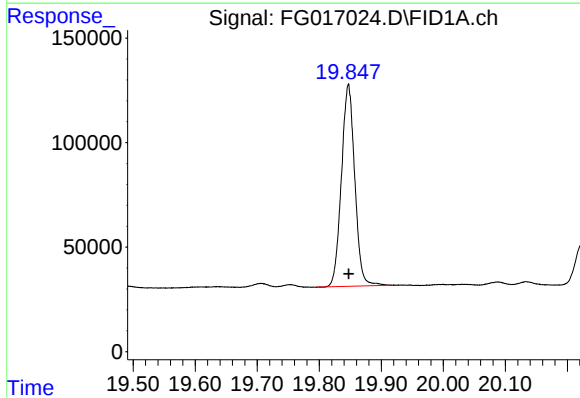
R.T.: 18.220 min
Delta R.T.: -0.002 min
Response: 1610755
Conc: 10.81 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



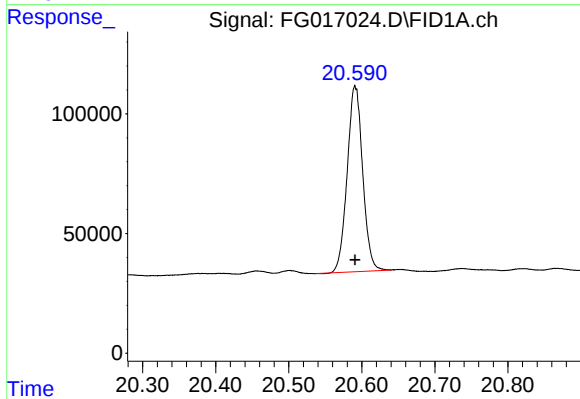
#18 n-Dotriacontane (C32)

R.T.: 19.058 min
Delta R.T.: -0.002 min
Response: 1651686
Conc: 10.94 ug/ml



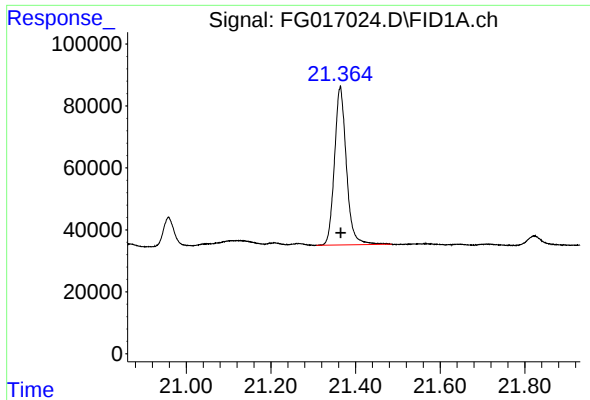
#19 n-Tetratriacontane (C34)

R.T.: 19.847 min
Delta R.T.: 0.000 min
Response: 1444829
Conc: 10.70 ug/ml



#20 n-Hexatriacontane (C36)

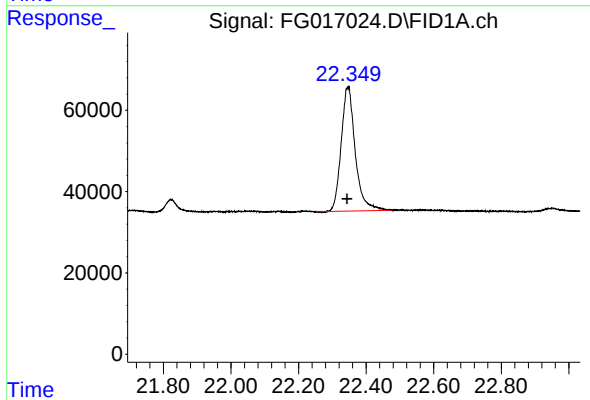
R.T.: 20.591 min
Delta R.T.: 0.000 min
Response: 1142118
Conc: 10.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.364 min
Delta R.T.: -0.001 min
Response: 998372
Conc: 10.43 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.348 min
Delta R.T.: 0.004 min
Response: 884418
Conc: 10.32 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
Data File : FG017024.D
Signal(s) : FID1A.ch
Acq On : 26 Nov 2025 22:41
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.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	3.356	3.320	3.426	BB	122403	1266349	76.67%	4.308%
2	4.617	4.579	4.693	BB	123133	1279667	77.48%	4.353%
3	6.336	6.311	6.442	BB	100453	1238463	74.98%	4.213%
4	6.797	6.766	6.872	BB	122873	1307282	79.15%	4.447%
5	7.439	7.411	7.558	BB	77536	1100004	66.60%	3.742%
6	8.635	8.604	8.728	BB	106641	1277231	77.33%	4.345%
7	10.254	10.218	10.349	BB	102616	1303429	78.92%	4.434%
8	11.706	11.665	11.798	BB	110987	1392377	84.30%	4.737%
9	12.028	11.989	12.104	BB	137846	1603130	97.06%	5.454%
10	13.024	12.986	13.102	BB	115328	1422671	86.13%	4.840%
11	13.474	13.432	13.560	BB	94081	1195581	72.39%	4.067%
12	13.641	13.608	13.713	BB	115136	1411133	85.44%	4.800%
13	14.232	14.203	14.298	VB	111823	1431152	86.65%	4.868%
14	15.343	15.283	15.417	BB	111935	1484401	89.87%	5.050%
15	16.371	16.332	16.443	BB	107340	1463874	88.63%	4.980%
16	17.327	17.287	17.403	BB	108337	1487269	90.05%	5.059%
17	18.220	18.173	18.294	BB	117138	1610755	97.52%	5.479%
18	19.058	19.000	19.133	BB	112945	1651686	100.00%	5.619%
19	19.847	19.795	19.917	BB	96557	1444829	87.48%	4.915%
20	20.591	20.538	20.641	BB	77686	1142118	69.15%	3.885%
21	21.364	21.307	21.485	BB	51068	998372	60.45%	3.396%
22	22.348	22.252	22.475	BB	30379	884418	53.55%	3.009%
Sum of corrected areas:							29396190	

Aliphatic EPH 112625.M Mon Dec 01 09:05:43 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
 Data File : FG017025.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 23:11
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Dec 01 08:47:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:45:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.027	749234	4.594 ug/ml
Spiked Amount 50.000		Recovery =	9.19%
12) S 1-chlorooctadecane (S...	13.475	535525	4.334 ug/ml
Spiked Amount 50.000		Recovery =	8.67%
Target Compounds			
1) T n-Nonane (C9)	3.357	586357	4.535 ug/ml
2) T n-Decane (C10)	4.617	582252	4.378 ug/ml
3) T A~Naphthalene (C11.7)	6.339	516666	3.793 ug/ml
4) T n-Dodecane (C12)	6.797	590496	4.363 ug/ml
5) T A~2-methylnaphthalene...	7.444	414925	3.292 ug/ml
6) T n-Tetradecane (C14)	8.636	560982	4.193 ug/ml
7) T n-Hexadecane (C16)	10.255	551087	3.959 ug/ml
8) T n-Octadecane (C18)	11.707	614920	4.223 ug/ml
10) T n-Eicosane (C20)	13.024	659753	4.566 ug/ml
11) T n-Heneicosane (C21)	13.641	659448	4.603 ug/ml
13) T n-Docosane (C22)	14.232	696601	4.903 ug/ml
14) T n-Tetracosane (C24)	15.342	780746	5.532 ug/ml
15) T n-Hexacosane (C26)	16.371	782715	5.676 ug/ml
16) T n-Octacosane (C28)	17.326	842516	6.103 ug/ml
17) T n-Tricontane (C30)	18.220	945850	6.347 ug/ml
18) T n-Dotriacontane (C32)	19.057	1008099	6.679 ug/ml
19) T n-Tetratriacontane (C34)	19.846	847642	6.277 ug/ml
20) T n-Hexatriacontane (C36)	20.591	616445	5.599 ug/ml
21) T n-Octatriacontane (C38)	21.366	504397	5.269 ug/ml
22) T n-Tetracontane (C40)	22.350	405138	4.726 ug/ml

(f)=RT Delta > 1/2 Window

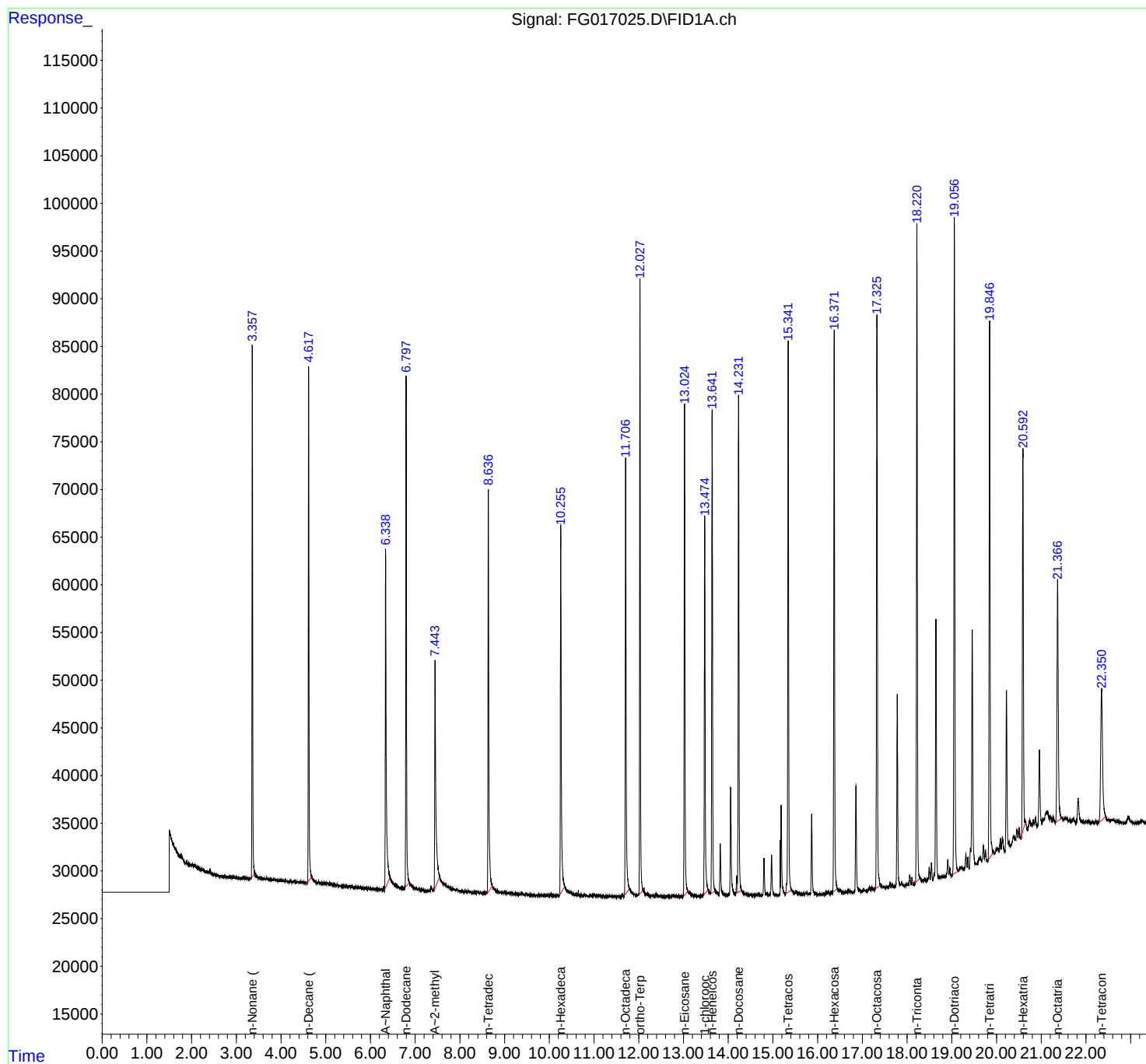
(m)=manual int.

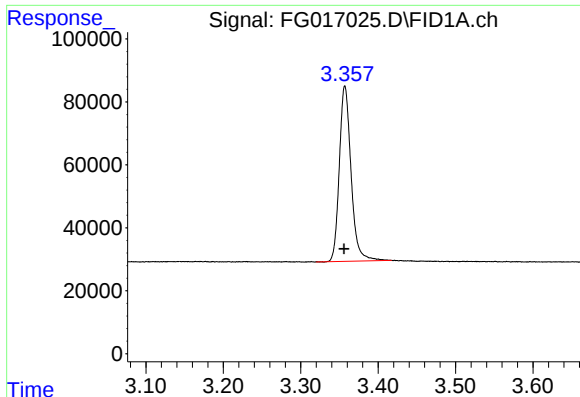
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
Data File : FG017025.D
Signal(s) : FID1A.ch
Acq On : 26 Nov 2025 23:11
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Dec 01 08:47:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:45:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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

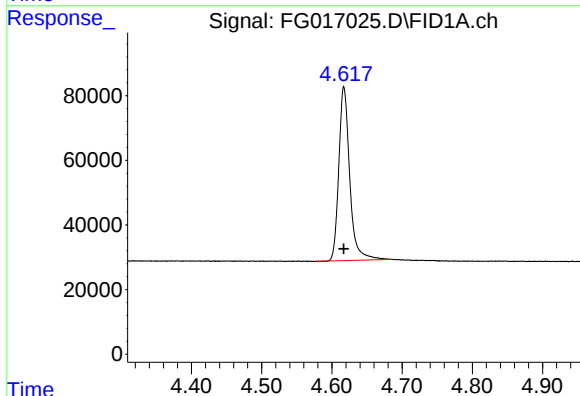




#1 n-Nonane (C9)

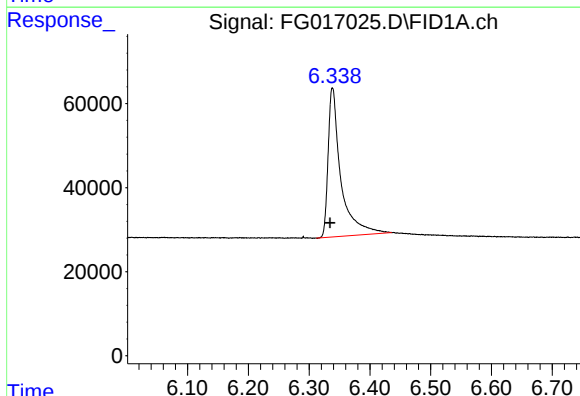
R.T.: 3.357 min
Delta R.T.: 0.001 min
Response: 586357
Conc: 4.53 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



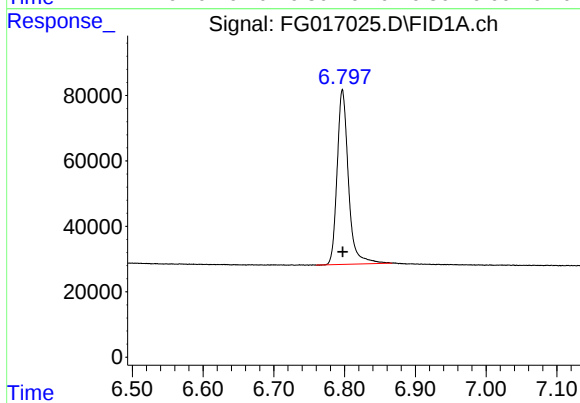
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 582252
Conc: 4.38 ug/ml



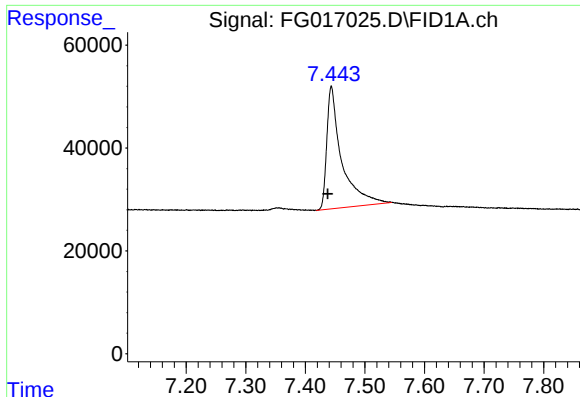
#3 A~Naphthalene (C11.7)

R.T.: 6.339 min
Delta R.T.: 0.004 min
Response: 516666
Conc: 3.79 ug/ml



#4 n-Dodecane (C12)

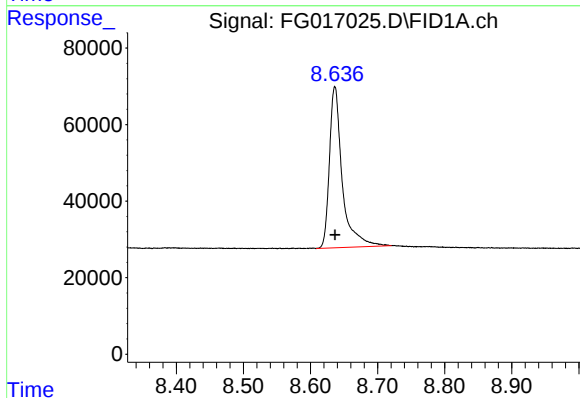
R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 590496
Conc: 4.36 ug/ml



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

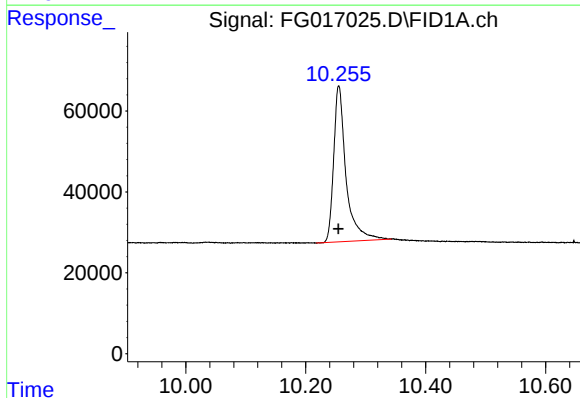
R.T.: 7.444 min
Delta R.T.: 0.006 min
Response: 414925
Conc: 3.29 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



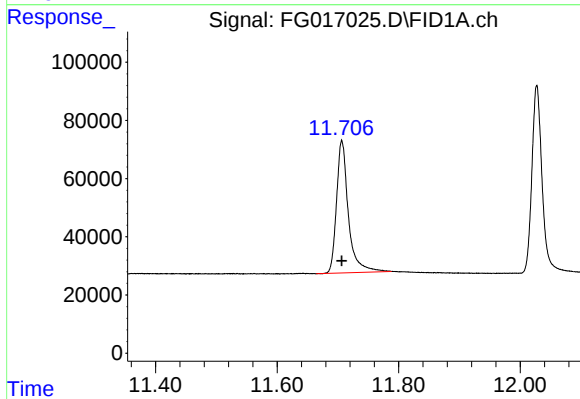
#6 n-Tetradecane (C14)

R.T.: 8.636 min
Delta R.T.: 0.000 min
Response: 560982
Conc: 4.19 ug/ml



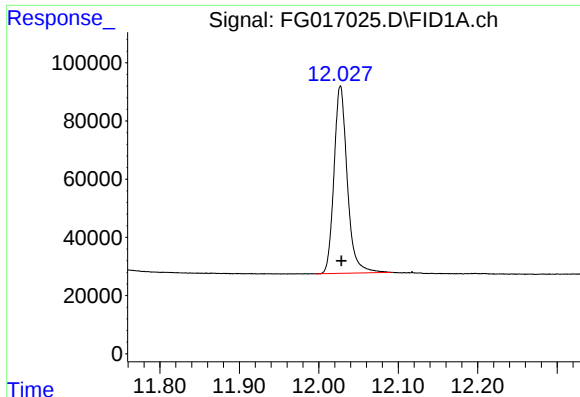
#7 n-Hexadecane (C16)

R.T.: 10.255 min
Delta R.T.: 0.000 min
Response: 551087
Conc: 3.96 ug/ml



#8 n-Octadecane (C18)

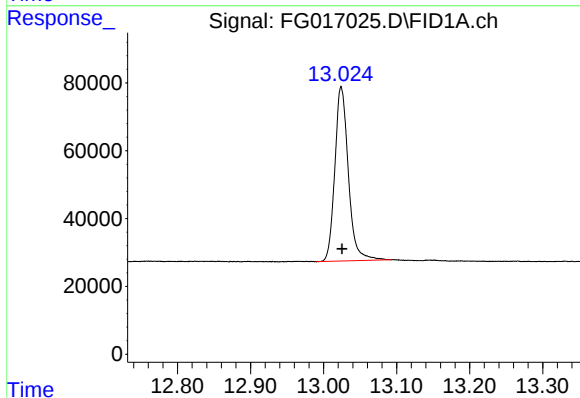
R.T.: 11.707 min
Delta R.T.: 0.000 min
Response: 614920
Conc: 4.22 ug/ml



#9 ortho-Terphenyl (SURR)

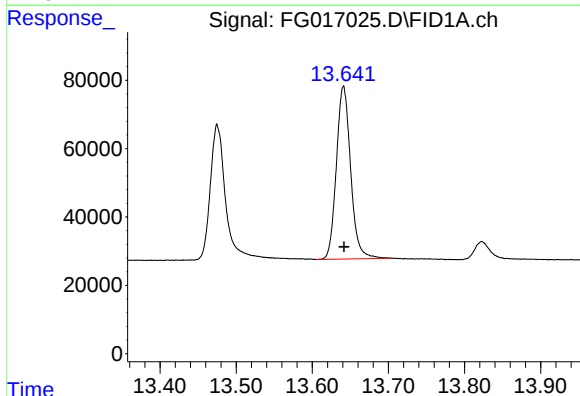
R.T.: 12.027 min
Delta R.T.: -0.001 min
Response: 749234
Conc: 4.59 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



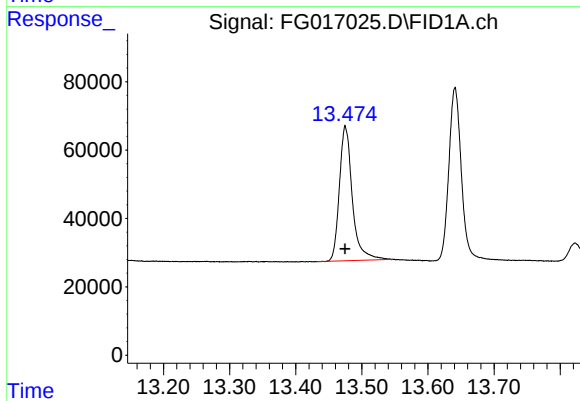
#10 n-Eicosane (C20)

R.T.: 13.024 min
Delta R.T.: -0.001 min
Response: 659753
Conc: 4.57 ug/ml



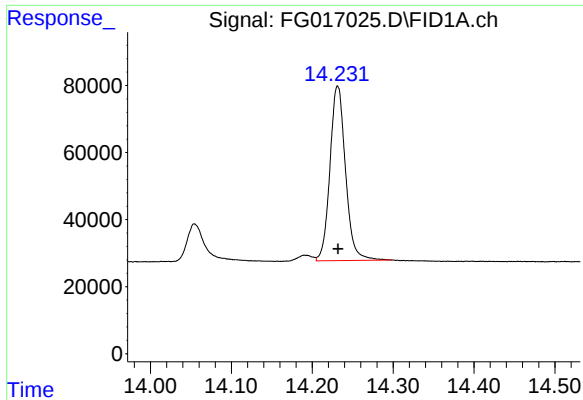
#11 n-Heneicosane (C21)

R.T.: 13.641 min
Delta R.T.: 0.000 min
Response: 659448
Conc: 4.60 ug/ml



#12 1-chlorooctadecane (SURR)

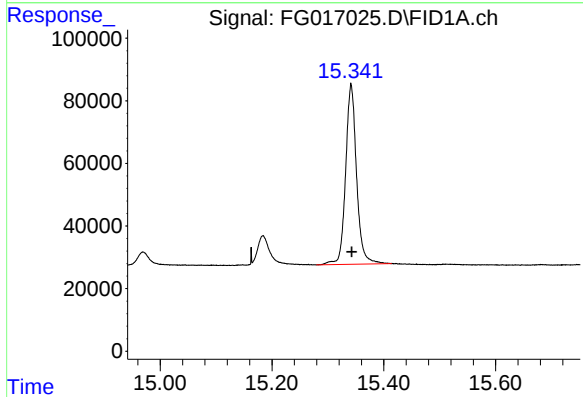
R.T.: 13.475 min
Delta R.T.: 0.000 min
Response: 535525
Conc: 4.33 ug/ml



#13 n-Docosane (C22)

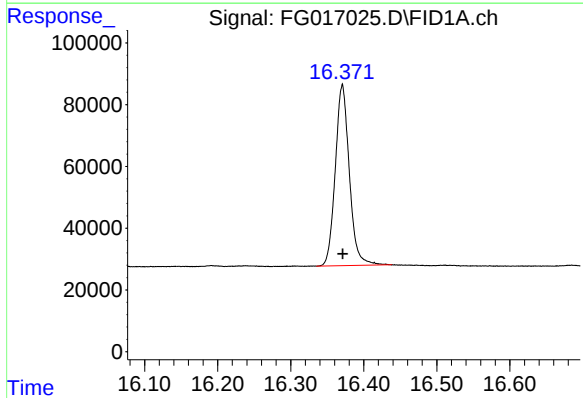
R.T.: 14.232 min
Delta R.T.: 0.000 min
Response: 696601
Conc: 4.90 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



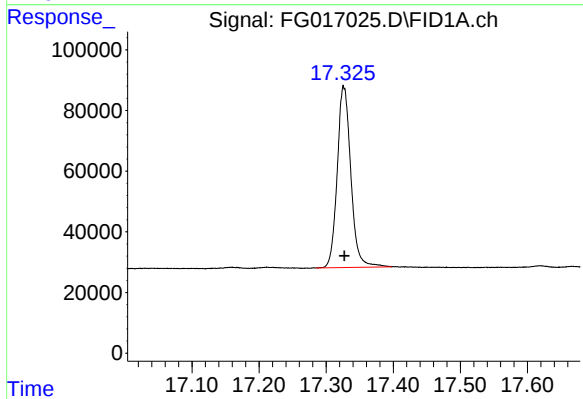
#14 n-Tetracosane (C24)

R.T.: 15.342 min
Delta R.T.: 0.000 min
Response: 780746
Conc: 5.53 ug/ml



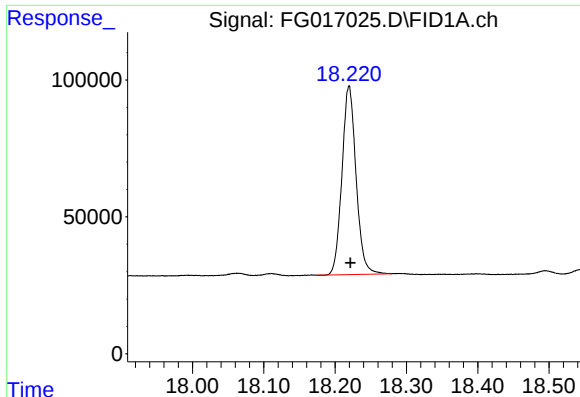
#15 n-Hexacosane (C26)

R.T.: 16.371 min
Delta R.T.: 0.000 min
Response: 782715
Conc: 5.68 ug/ml



#16 n-Octacosane (C28)

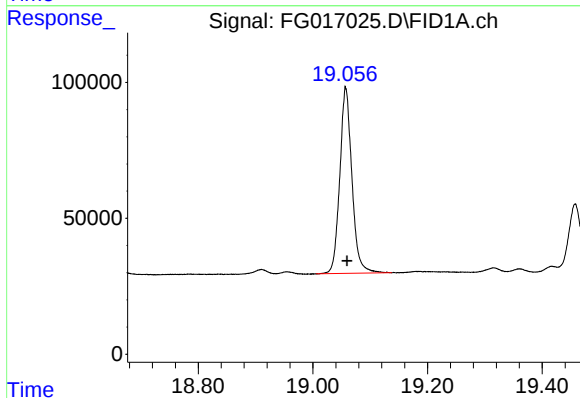
R.T.: 17.326 min
Delta R.T.: 0.000 min
Response: 842516
Conc: 6.10 ug/ml



#17 n-Tricontane (C30)

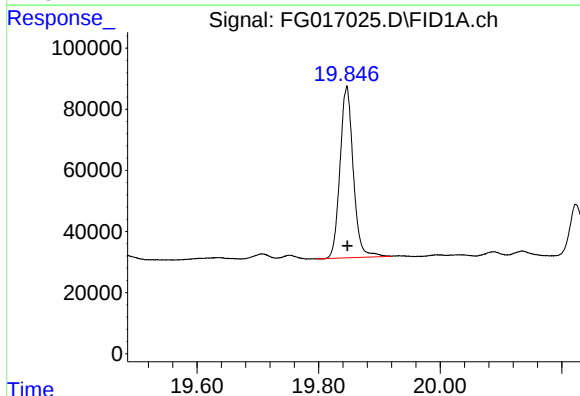
R.T.: 18.220 min
Delta R.T.: -0.002 min
Response: 945850
Conc: 6.35 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



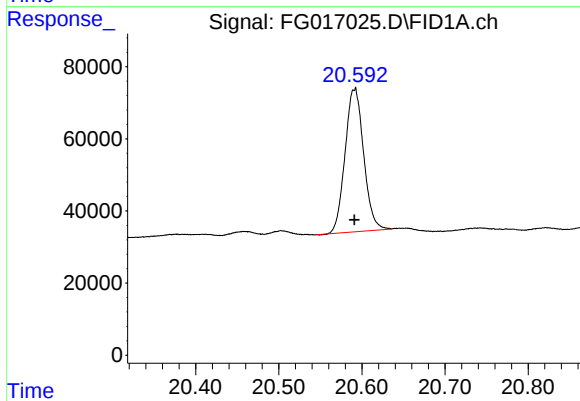
#18 n-Dotriacontane (C32)

R.T.: 19.057 min
Delta R.T.: -0.003 min
Response: 1008099
Conc: 6.68 ug/ml



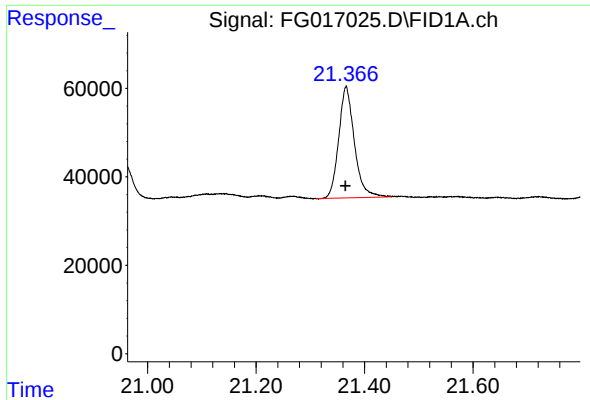
#19 n-Tetratriacontane (C34)

R.T.: 19.846 min
Delta R.T.: -0.001 min
Response: 847642
Conc: 6.28 ug/ml



#20 n-Hexatriacontane (C36)

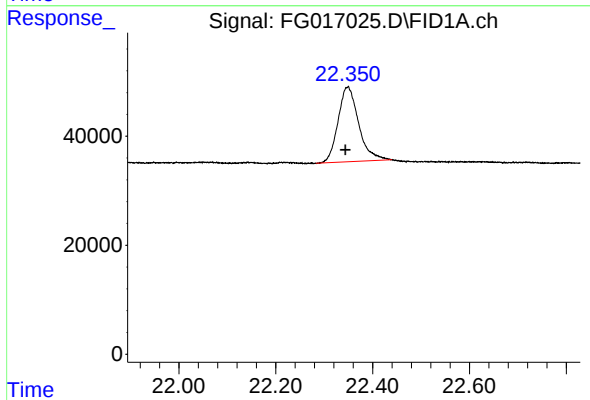
R.T.: 20.591 min
Delta R.T.: 0.000 min
Response: 616445
Conc: 5.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.366 min
Delta R.T.: 0.001 min
Response: 504397
Conc: 5.27 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.350 min
Delta R.T.: 0.005 min
Response: 405138
Conc: 4.73 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
 Data File : FG017025.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 23:11
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.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	3.357	3.320	3.418	BB	55741	586357	58.16%	4.057%
2	4.617	4.578	4.685	BB	53737	582252	57.76%	4.029%
3	6.339	6.312	6.436	BB	35450	516666	51.25%	3.575%
4	6.797	6.760	6.867	BB	53433	590496	58.58%	4.086%
5	7.444	7.418	7.545	BB	23863	414925	41.16%	2.871%
6	8.636	8.608	8.721	BB	42111	560982	55.65%	3.882%
7	10.255	10.218	10.343	BB	38558	551087	54.67%	3.813%
8	11.707	11.664	11.788	BB	45573	614920	61.00%	4.255%
9	12.027	11.997	12.092	BB	64475	749234	74.32%	5.184%
10	13.024	12.990	13.093	BB	51422	659753	65.45%	4.565%
11	13.475	13.431	13.545	BB	39470	535525	53.12%	3.706%
12	13.641	13.605	13.704	BB	50563	659448	65.41%	4.563%
13	14.232	14.205	14.298	VB	52090	696601	69.10%	4.820%
14	15.342	15.279	15.414	BB	57672	780746	77.45%	5.402%
15	16.371	16.335	16.438	BB	58852	782715	77.64%	5.416%
16	17.326	17.285	17.398	BB	59040	842516	83.57%	5.830%
17	18.220	18.173	18.279	BB	68895	945850	93.83%	6.545%
18	19.057	19.006	19.137	BB	68022	1008099	100.00%	6.976%
19	19.846	19.796	19.920	BB	56343	847642	84.08%	5.865%
20	20.591	20.545	20.636	BB	39239	616445	61.15%	4.266%
21	21.366	21.311	21.450	BB	25267	504397	50.03%	3.490%
22	22.350	22.283	22.439	BB	13758	405138	40.19%	2.803%
Sum of corrected areas:							14451791	

Aliphatic EPH 112625.M Mon Dec 01 09:06:24 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
 Data File : FG017026.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 23:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 01 08:56:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:54:45 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.029	3369844	21.846 ug/ml
Spiked Amount 50.000		Recovery =	43.69%
12) S 1-chlorooctadecane (S...	13.474	2559577	22.067 ug/ml
Spiked Amount 50.000		Recovery =	44.13%
Target Compounds			
1) T n-Nonane (C9)	3.356	2663797	21.706 ug/ml
2) T n-Decane (C10)	4.616	2750948	22.077 ug/ml
3) T A~Naphthalene (C11.7)	6.334	2830362	22.548 ug/ml
4) T n-Dodecane (C12)	6.797	2801100	22.069 ug/ml
5) T A~2-methylnaphthalene...	7.437	2614124	22.886 ug/ml
6) T n-Tetradecane (C14)	8.636	2769582	22.172 ug/ml
7) T n-Hexadecane (C16)	10.254	2879827	22.409 ug/ml
8) T n-Octadecane (C18)	11.707	3004992	22.131 ug/ml
10) T n-Eicosane (C20)	13.025	2992808	21.871 ug/ml
11) T n-Heneicosane (C21)	13.641	2965845	21.865 ug/ml
13) T n-Docosane (C22)	14.233	2943964	21.440 ug/ml
14) T n-Tetracosane (C24)	15.342	2928239	20.698 ug/ml
15) T n-Hexacosane (C26)	16.370	2858667	20.587 ug/ml
16) T n-Octacosane (C28)	17.326	2854729	20.383 ug/ml
17) T n-Tricontane (C30)	18.221	3071865	20.688 ug/ml
18) T n-Dotriacontane (C32)	19.058	3101995	20.712 ug/ml
19) T n-Tetratriacontane (C34)	19.846	2772426	21.120 ug/ml
20) T n-Hexatriacontane (C36)	20.590	2262990	21.494 ug/ml
21) T n-Octatriacontane (C38)	21.364	1972958	21.544 ug/ml
22) T n-Tetracontane (C40)	22.342	1765981	21.660 ug/ml

(f)=RT Delta > 1/2 Window

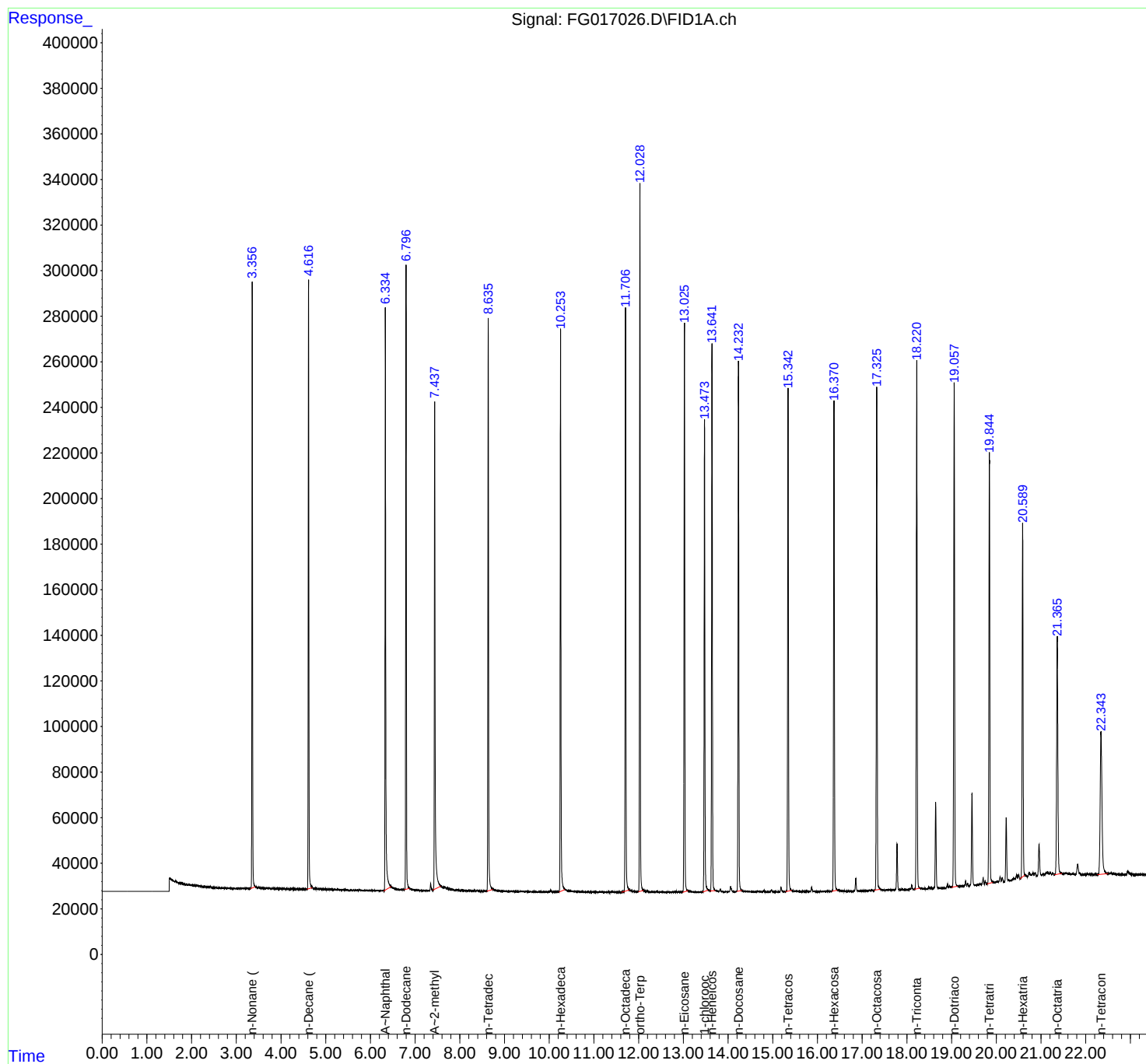
(m)=manual int.

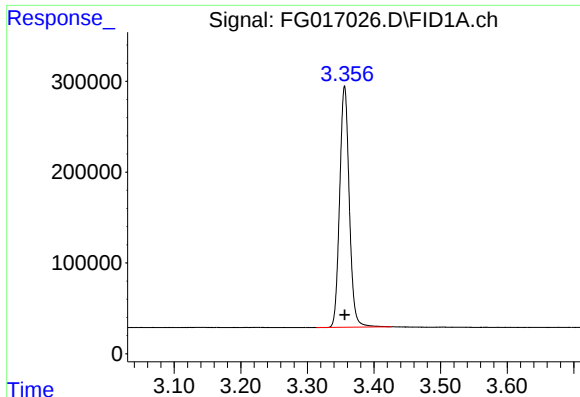
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
Data File : FG017026.D
Signal(s) : FID1A.ch
Acq On : 26 Nov 2025 23:40
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Dec 01 08:56:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:54:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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

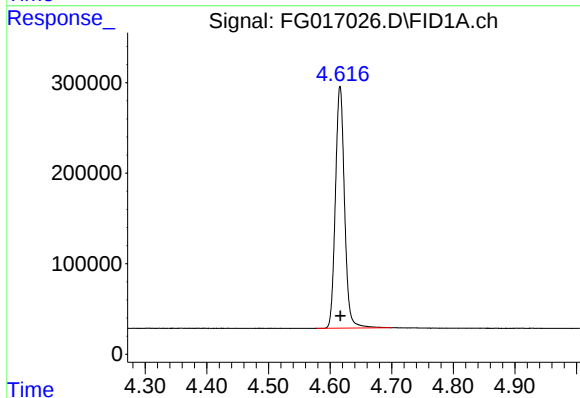




#1 n-Nonane (C9)

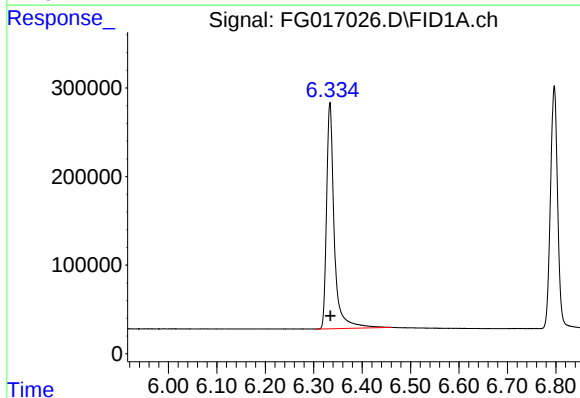
R.T.: 3.356 min
Delta R.T.: 0.000 min
Response: 2663797
Conc: 21.71 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



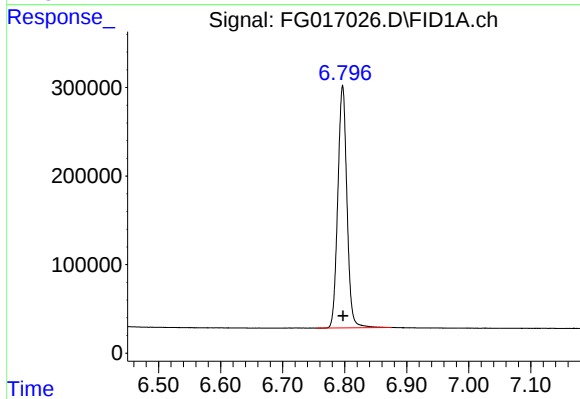
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: 0.000 min
Response: 2750948
Conc: 22.08 ug/ml



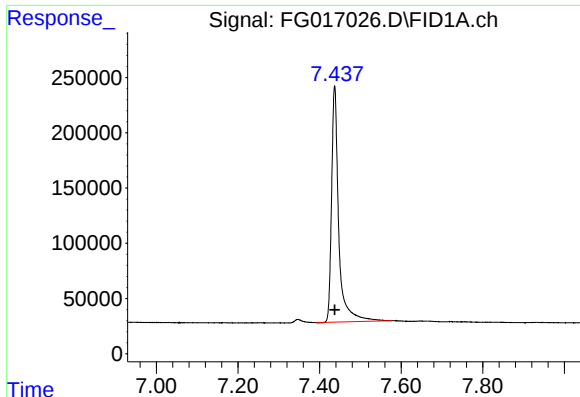
#3 A~Naphthalene (C11.7)

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 2830362
Conc: 22.55 ug/ml



#4 n-Dodecane (C12)

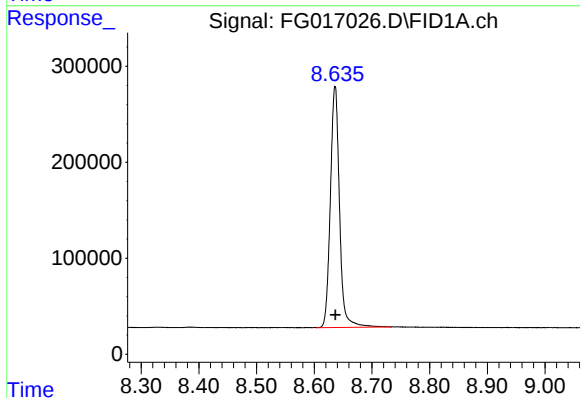
R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 2801100
Conc: 22.07 ug/ml



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

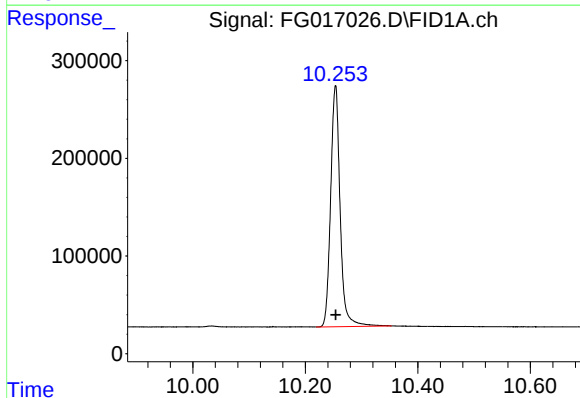
R.T.: 7.437 min
Delta R.T.: 0.000 min
Response: 2614124
Conc: 22.89 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



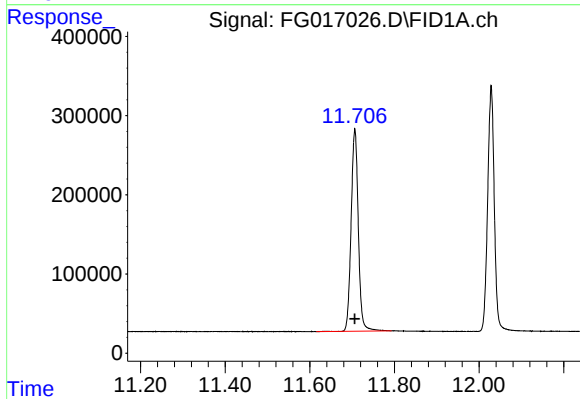
#6 n-Tetradecane (C14)

R.T.: 8.636 min
Delta R.T.: 0.000 min
Response: 2769582
Conc: 22.17 ug/ml



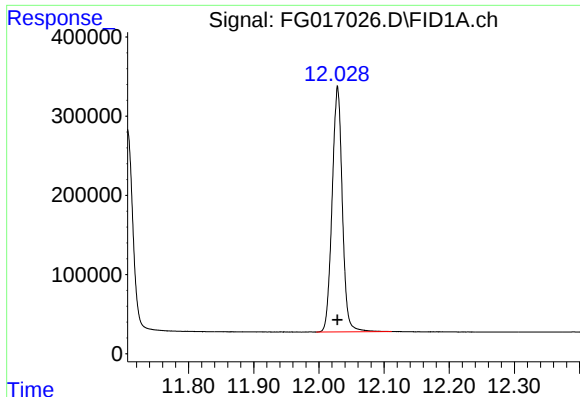
#7 n-Hexadecane (C16)

R.T.: 10.254 min
Delta R.T.: 0.000 min
Response: 2879827
Conc: 22.41 ug/ml



#8 n-Octadecane (C18)

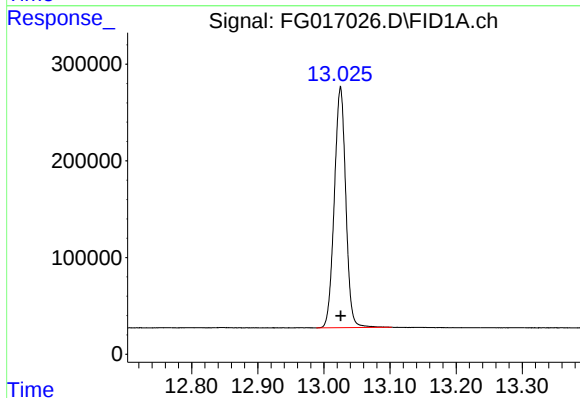
R.T.: 11.707 min
Delta R.T.: 0.000 min
Response: 3004992
Conc: 22.13 ug/ml



#9 ortho-Terphenyl (SURR)

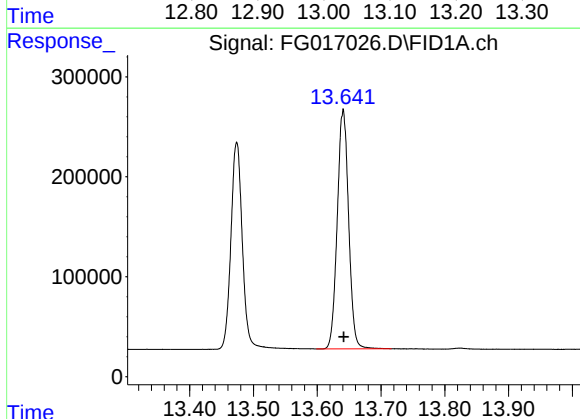
R.T.: 12.029 min
Delta R.T.: 0.000 min
Response: 3369844
Conc: 21.85 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



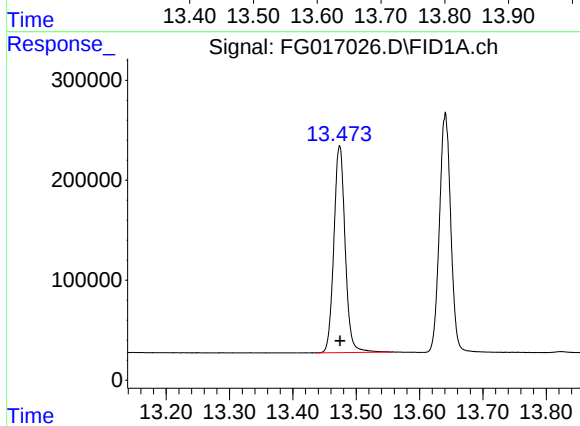
#10 n-Eicosane (C20)

R.T.: 13.025 min
Delta R.T.: 0.000 min
Response: 2992808
Conc: 21.87 ug/ml



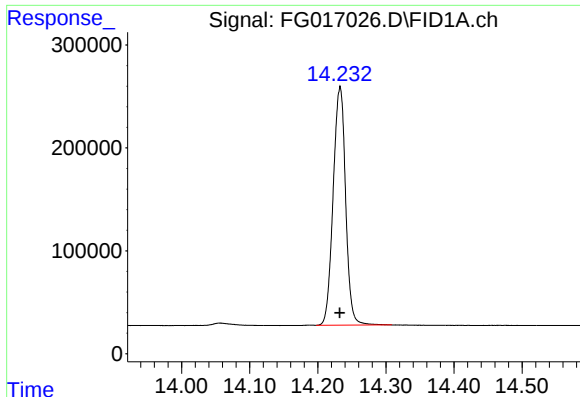
#11 n-Heneicosane (C21)

R.T.: 13.641 min
Delta R.T.: 0.000 min
Response: 2965845
Conc: 21.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.474 min
Delta R.T.: 0.000 min
Response: 2559577
Conc: 22.07 ug/ml



#13 n-Docosane (C22)

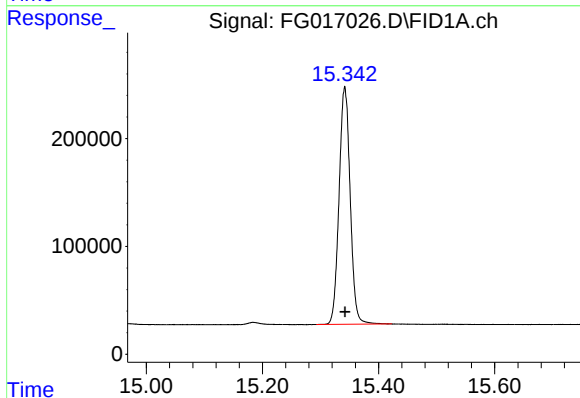
R.T.: 14.233 min
Delta R.T.: 0.000 min
Response: 2943964
Conc: 21.44 ug/ml

Instrument :

FID_G

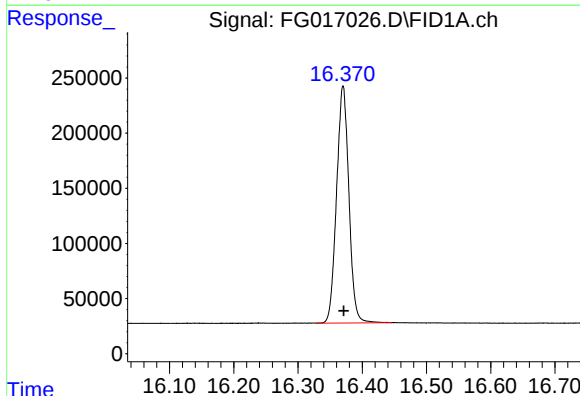
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



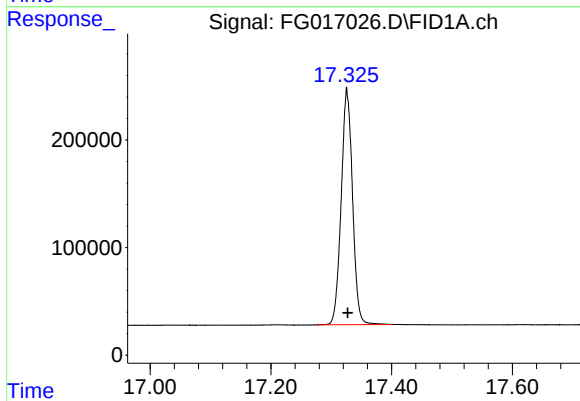
#14 n-Tetracosane (C24)

R.T.: 15.342 min
Delta R.T.: 0.000 min
Response: 2928239
Conc: 20.70 ug/ml



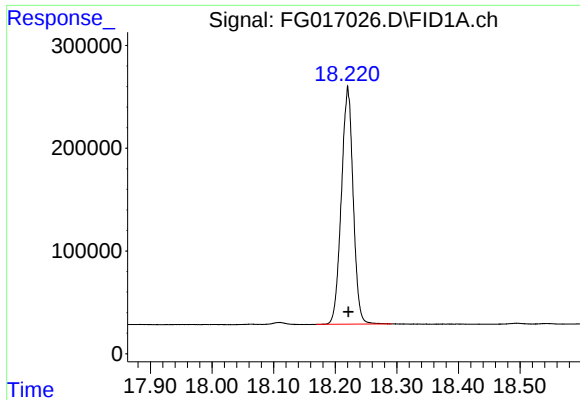
#15 n-Hexacosane (C26)

R.T.: 16.370 min
Delta R.T.: 0.000 min
Response: 2858667
Conc: 20.59 ug/ml



#16 n-Octacosane (C28)

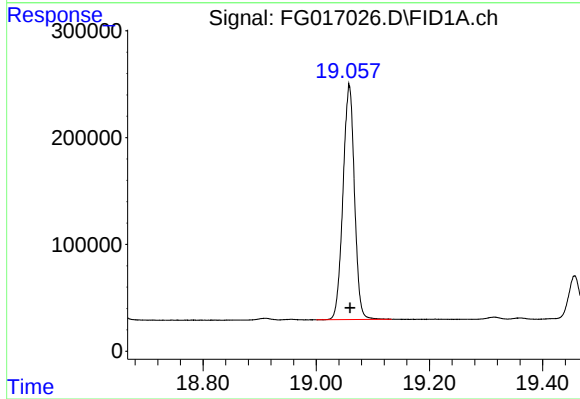
R.T.: 17.326 min
Delta R.T.: -0.001 min
Response: 2854729
Conc: 20.38 ug/ml



#17 n-Tricontane (C30)

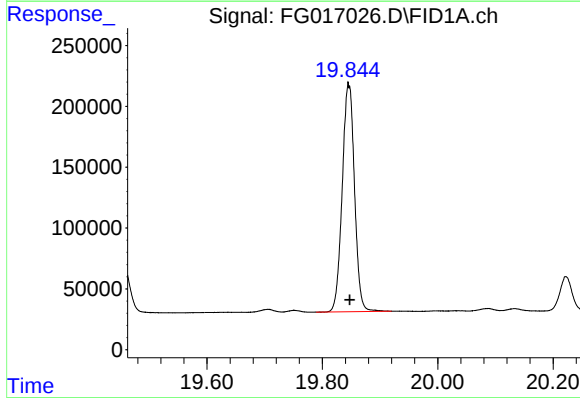
R.T.: 18.221 min
Delta R.T.: 0.000 min
Response: 3071865
Conc: 20.69 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



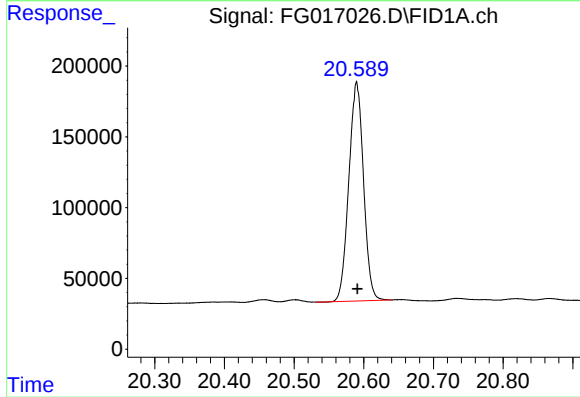
#18 n-Dotriacontane (C32)

R.T.: 19.058 min
Delta R.T.: -0.001 min
Response: 3101995
Conc: 20.71 ug/ml



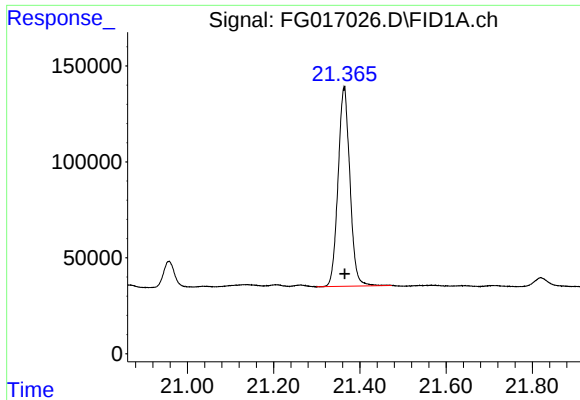
#19 n-Tetratriacontane (C34)

R.T.: 19.846 min
Delta R.T.: -0.002 min
Response: 2772426
Conc: 21.12 ug/ml



#20 n-Hexatriacontane (C36)

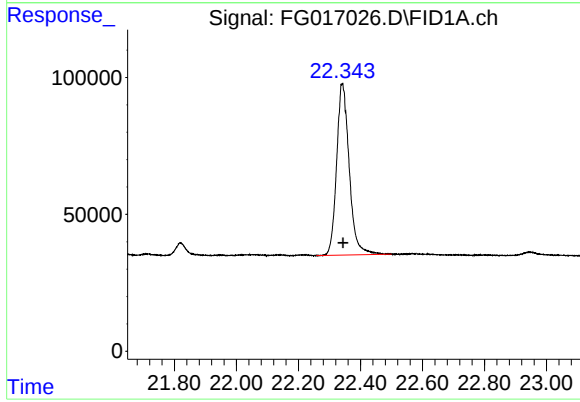
R.T.: 20.590 min
Delta R.T.: -0.001 min
Response: 2262990
Conc: 21.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.364 min
Delta R.T.: -0.001 min
Response: 1972958
Conc: 21.54 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.342 min
Delta R.T.: -0.003 min
Response: 1765981
Conc: 21.66 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
 Data File : FG017026.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 23:40
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.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	3.356	3.313	3.427	BB	265817	2663797	79.05%	4.386%
2	4.616	4.578	4.700	BB	267277	2750948	81.63%	4.529%
3	6.334	6.305	6.461	BB	254800	2830362	83.99%	4.660%
4	6.797	6.754	6.876	BB	273820	2801100	83.12%	4.612%
5	7.437	7.392	7.577	BB	213922	2614124	77.57%	4.304%
6	8.636	8.603	8.734	BB	251244	2769582	82.19%	4.560%
7	10.254	10.219	10.353	BB	246837	2879827	85.46%	4.741%
8	11.707	11.615	11.793	BB	255770	3004992	89.17%	4.948%
9	12.029	11.996	12.112	BB	309112	3369844	100.00%	5.548%
10	13.025	12.988	13.103	BB	249333	2992808	88.81%	4.928%
11	13.474	13.437	13.556	BB	207008	2559577	75.96%	4.214%
12	13.641	13.598	13.717	BB	240183	2965845	88.01%	4.883%
13	14.233	14.198	14.308	BB	232044	2943964	87.36%	4.847%
14	15.342	15.293	15.423	BB	220658	2928239	86.90%	4.821%
15	16.370	16.328	16.446	BB	214892	2858667	84.83%	4.707%
16	17.326	17.275	17.400	BB	219292	2854729	84.71%	4.700%
17	18.221	18.169	18.292	BB	230433	3071865	91.16%	5.058%
18	19.058	19.000	19.133	BB	218641	3101995	92.05%	5.107%
19	19.846	19.789	19.920	BB	185136	2772426	82.27%	4.565%
20	20.590	20.532	20.640	BB	155054	2262990	67.15%	3.726%
21	21.364	21.299	21.474	BB	102638	1972958	58.55%	3.248%
22	22.342	22.257	22.500	BB	62729	1765981	52.41%	2.908%
Sum of corrected areas:							60736619	

Aliphatic EPH 112625.M Mon Dec 01 09:06:52 2025