

Initial Calibration Report for SequenceID : FG051024AL

AreaCount

Parameter Range	FG013800.D	FG013801.D	FG013802.D	FG013803.D	FG013804.D	
Aliphatic C9-C12	36537694.000	19250492.000	8205739.000	4194764.000	2253025.000	
Aliphatic C12-C16	25168011.000	13251543.000	5595210.000	2905976.000	1556828.000	
Aliphatic C16-C21	38393781.000	20275253.000	8371164.000	4454660.000	2370762.000	
Aliphatic C21-C28	49199071.000	26034575.000	10638315.000	5661530.000	3010860.000	
Aliphatic C28-C40	63306094.000	33588152.000	14072537.000	7633878.000	3949857.000	
Aliphatic EPH	212604651.000	112400015.000	46882965.000	24850808.000	13141332.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	135383.6753328	8.054				
Aliphatic C12-C16	139843.467	8.235				
Aliphatic C16-C21	141841.2979998	8.26				
Aliphatic C21-C28	135646.148	7.851				
Aliphatic C28-C40	118727.0009996	9.054				
Aliphatic EPH	131461.5806664	8.317				

Concentration

Parameter Range	FG013800.D	FG013801.D	FG013802.D	FG013803.D	FG013804.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	FG013800.D	FG013801.D	FG013802.D	FG013803.D	FG013804.D	
Aliphatic C9-C12	121792.313333	128336.613333	136762.316666	139825.466666	150201.666666	
Aliphatic C12-C16	125840.055000	132515.430000	139880.250000	145298.800000	155682.800000	
Aliphatic C16-C21	127979.270000	135168.353333	139519.400000	148488.666666	158050.800000	

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Aliphatic C21-C28	122997.677500	130172.875000	132978.937500	141538.250000	150543.000000	
Aliphatic C28-C40	105510.156666	111960.506666	117271.141666	127231.300000	131661.900000	
Aliphatic EPH	118113.695000	124888.905555	130230.458333	138060.044444	146014.800000	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013800.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 13:35
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: May 10 15:58:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.M
 Quant Title : GC Extractables
 QLast Update : Fri May 10 15:56:52 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)	11.976	13730937	95.649 ug/ml
Spiked Amount 50.000		Recovery =	191.30%
12) S 1-chlorooctadecane (S...	13.413	10769000	96.467 ug/ml
Spiked Amount 50.000		Recovery =	192.93%
Target Compounds			
1) T n-Nonane (C9)	3.330	11965501	94.220 ug/ml
2) T n-Decane (C10)	4.584	12229511	94.196 ug/ml
3) T A~Naphthalene (C11.7)	6.294	13354417	94.460 ug/ml
4) T n-Dodecane (C12)	6.756	12342682	94.215 ug/ml
5) T A~2-methylnaphthalene...	7.393	13007307	94.618 ug/ml
6) T n-Tetradecane (C14)	8.589	12314182	94.483 ug/ml
7) T n-Hexadecane (C16)	10.203	12853829	94.940 ug/ml
8) T n-Octadecane (C18)	11.654	13108566	95.381 ug/ml
10) T n-Eicosane (C20)	12.966	12730081	95.784 ug/ml
11) T n-Heneicosane (C21)	13.581	12555134	95.906 ug/ml
13) T n-Docosane (C22)	14.169	12524666	96.026 ug/ml
14) T n-Tetracosane (C24)	15.277	12491355	96.112 ug/ml
15) T n-Hexacosane (C26)	16.301	12265467	96.090 ug/ml
16) T n-Octacosane (C28)	17.254	11917583	96.178 ug/ml
17) T n-Tricontane (C30)	18.144	11852918	95.782 ug/ml
18) T n-Dotriacontane (C32)	18.978	11401386	94.905 ug/ml
19) T n-Tetratriacontane (C34)	19.763	10798365	94.861 ug/ml
20) T n-Hexatriacontane (C36)	20.504	10194725	93.949 ug/ml
21) T n-Octatriacontane (C38)	21.259	9735683	94.197 ug/ml
22) T n-Tetracontane (C40)	22.203	9323017	94.403 ug/ml

(f)=RT Delta > 1/2 Window

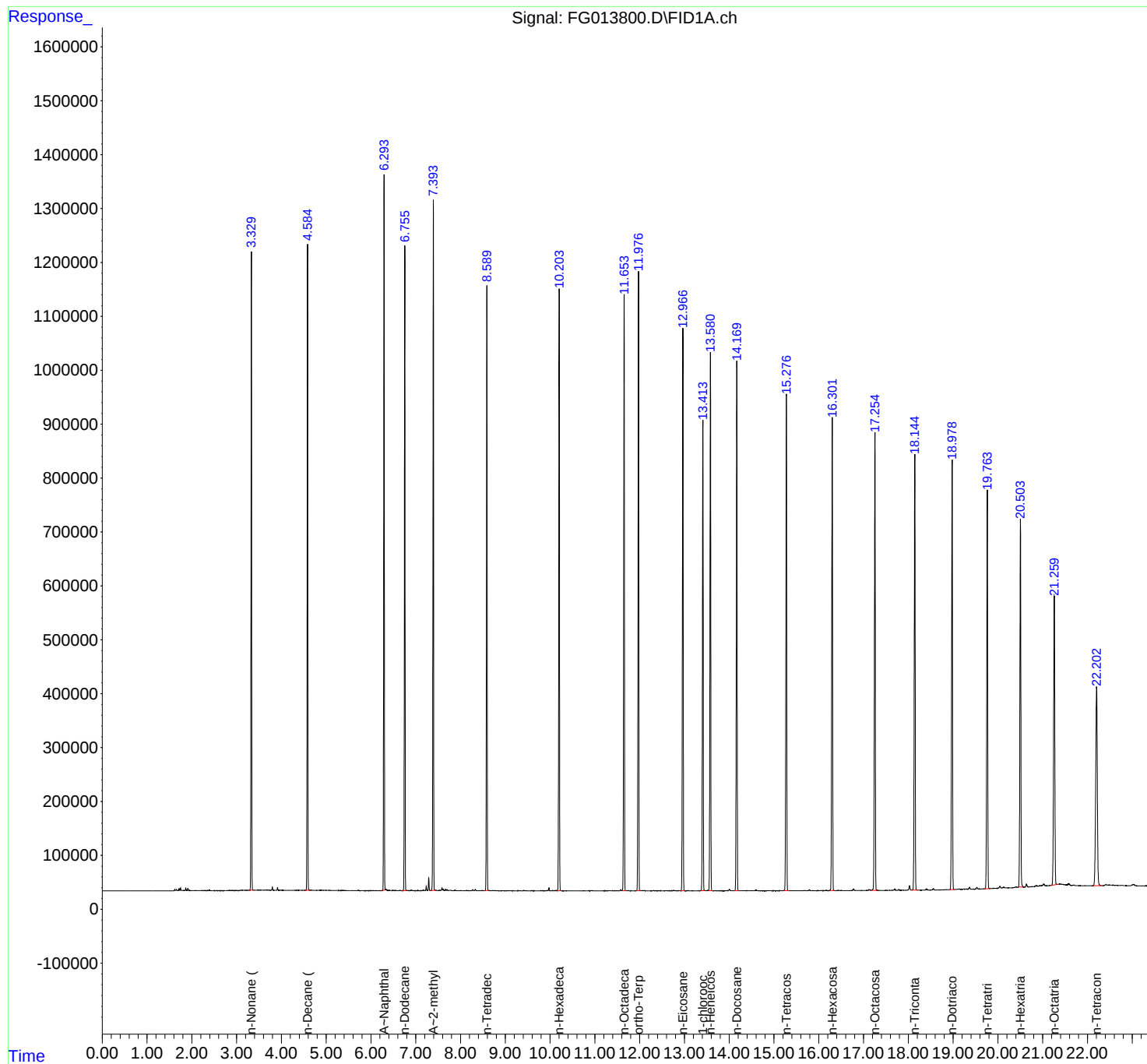
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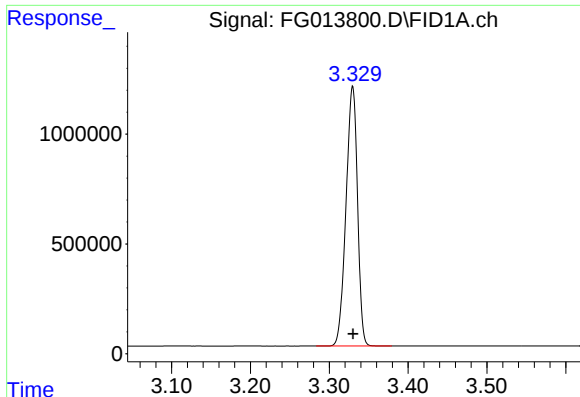
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Data File : FG013800.D
Signal(s) : FID1A.ch
Acq On : 10 May 2024 13:35
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

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ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.M
Quant Title : GC Extractables
QLast Update : Fri May 10 15:56:52 2024
Response via : Initial Calibration
Integrator: ChemStation

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

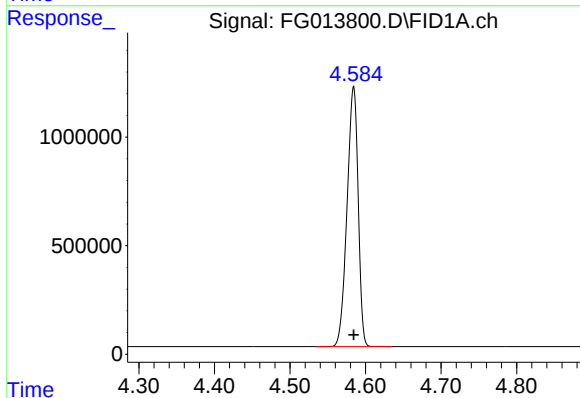




#1 n-Nonane (C9)

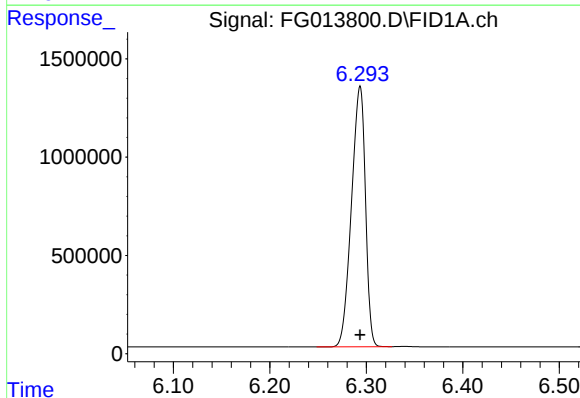
R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 11965501
Conc: 94.22 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



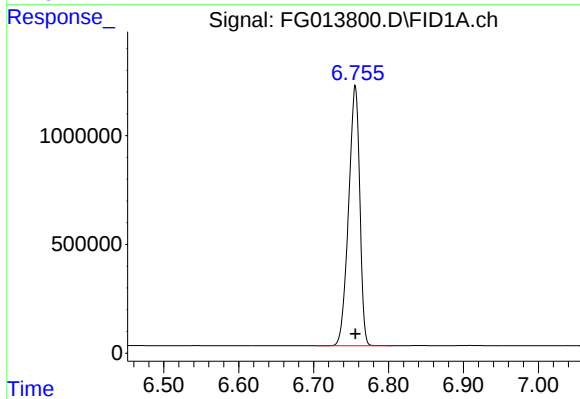
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 12229511
Conc: 94.20 ug/ml



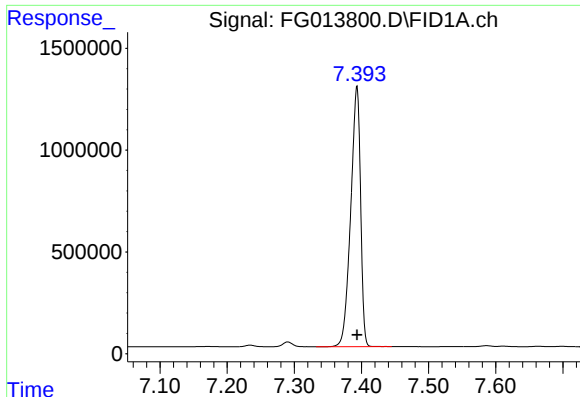
#3 A~Naphthalene (C11.7)

R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 13354417
Conc: 94.46 ug/ml



#4 n-Dodecane (C12)

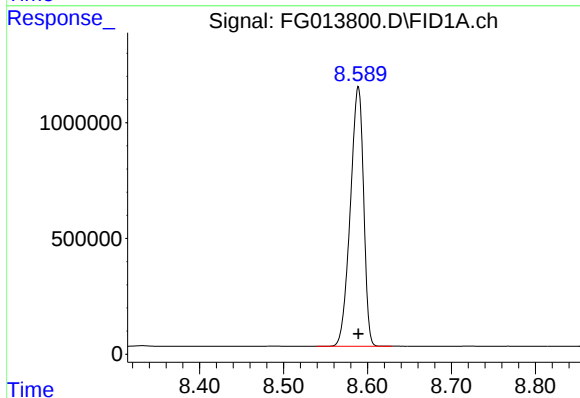
R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 12342682
Conc: 94.21 ug/ml



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

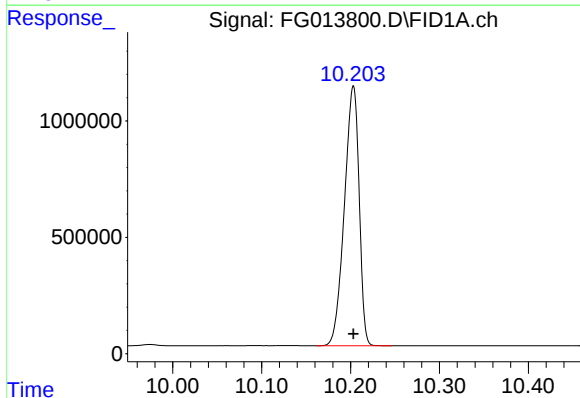
R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 13007307
Conc: 94.62 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



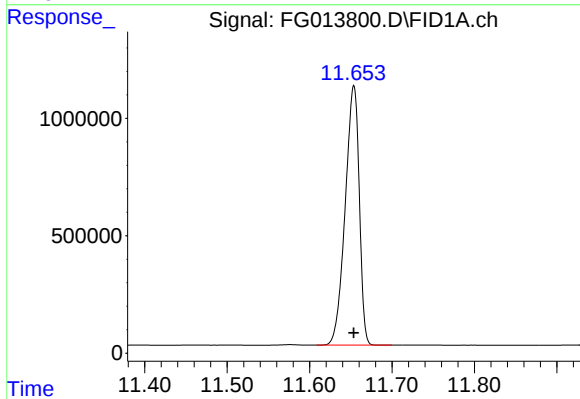
#6 n-Tetradecane (C14)

R.T.: 8.589 min
Delta R.T.: 0.000 min
Response: 12314182
Conc: 94.48 ug/ml



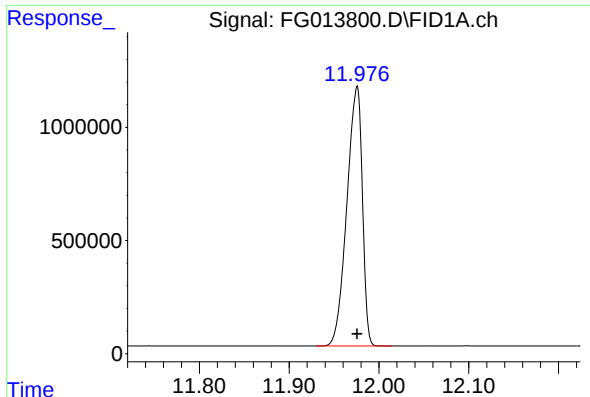
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: 0.000 min
Response: 12853829
Conc: 94.94 ug/ml



#8 n-Octadecane (C18)

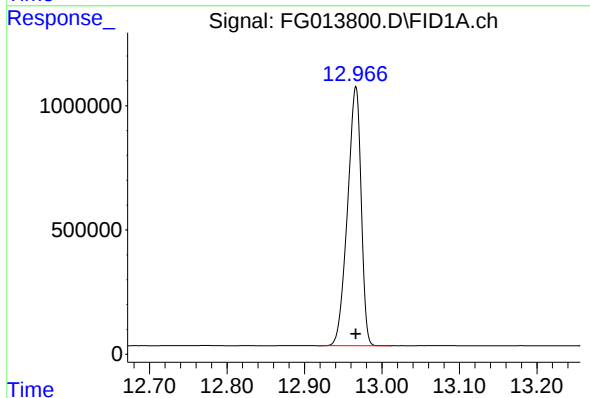
R.T.: 11.654 min
Delta R.T.: 0.000 min
Response: 13108566
Conc: 95.38 ug/ml



#9 ortho-Terphenyl (SURR)

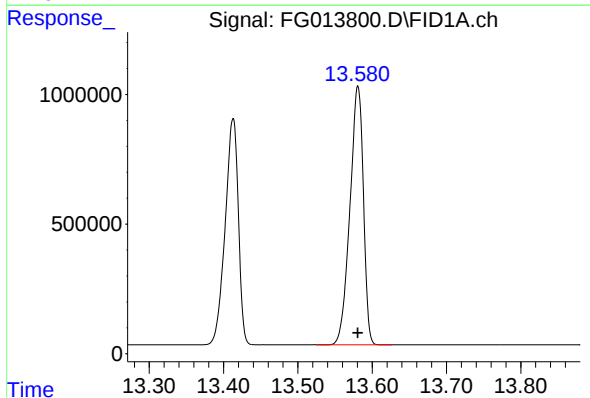
R.T.: 11.976 min
Delta R.T.: 0.000 min
Response: 13730937
Conc: 95.65 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



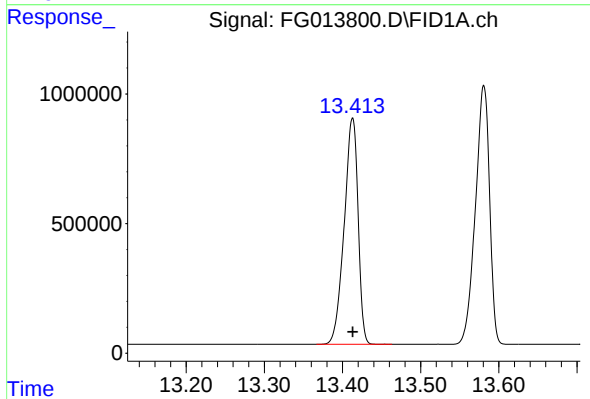
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: 0.000 min
Response: 12730081
Conc: 95.78 ug/ml



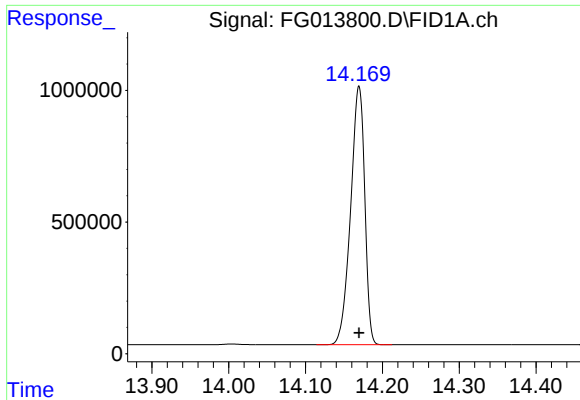
#11 n-Heneicosane (C21)

R.T.: 13.581 min
Delta R.T.: 0.000 min
Response: 12555134
Conc: 95.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.413 min
Delta R.T.: 0.000 min
Response: 10769000
Conc: 96.47 ug/ml



#13 n-Docosane (C22)

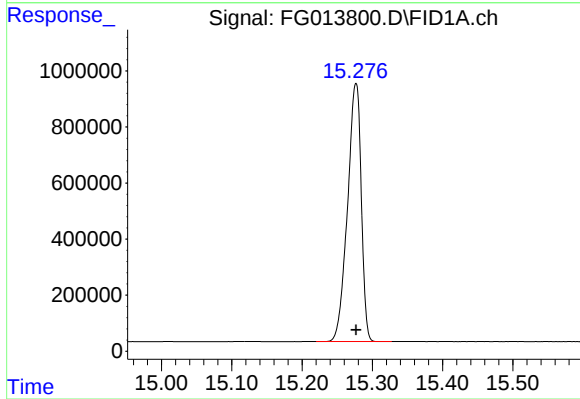
R.T.: 14.169 min
Delta R.T.: 0.000 min
Response: 12524666
Conc: 96.03 ug/ml

Instrument :

FID_G

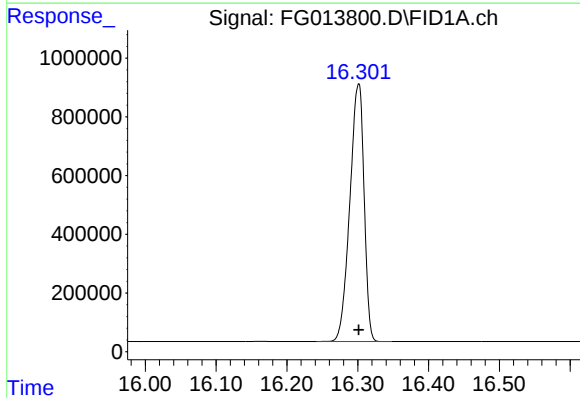
ClientSampleId :

100 PPM ALIPHATIC HC STD1



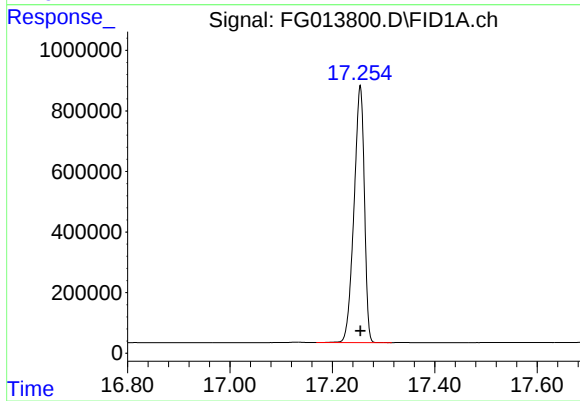
#14 n-Tetracosane (C24)

R.T.: 15.277 min
Delta R.T.: 0.000 min
Response: 12491355
Conc: 96.11 ug/ml



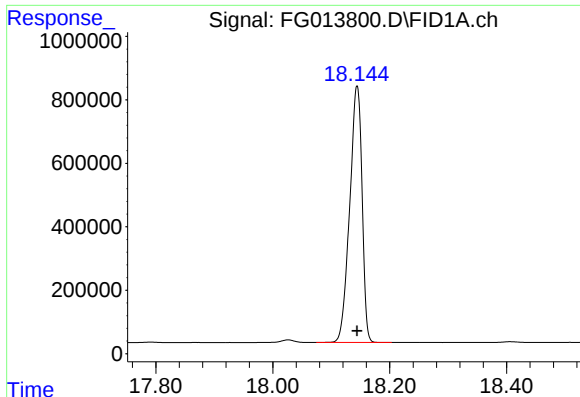
#15 n-Hexacosane (C26)

R.T.: 16.301 min
Delta R.T.: 0.000 min
Response: 12265467
Conc: 96.09 ug/ml



#16 n-Octacosane (C28)

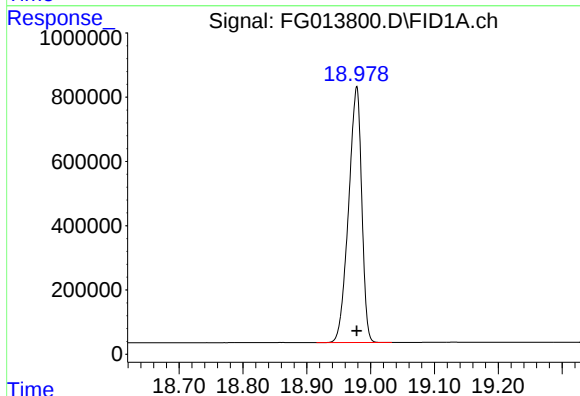
R.T.: 17.254 min
Delta R.T.: 0.000 min
Response: 11917583
Conc: 96.18 ug/ml



#17 n-Tricontane (C30)

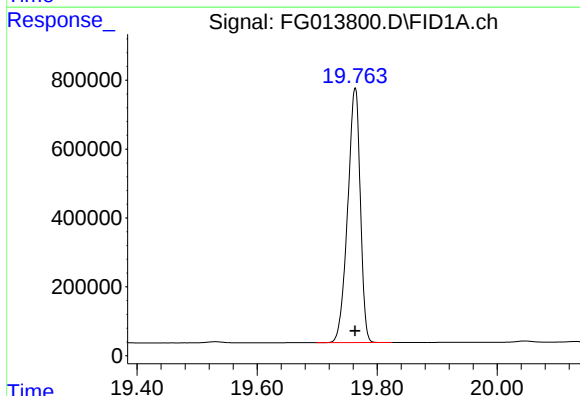
R.T.: 18.144 min
Delta R.T.: 0.000 min
Response: 11852918
Conc: 95.78 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



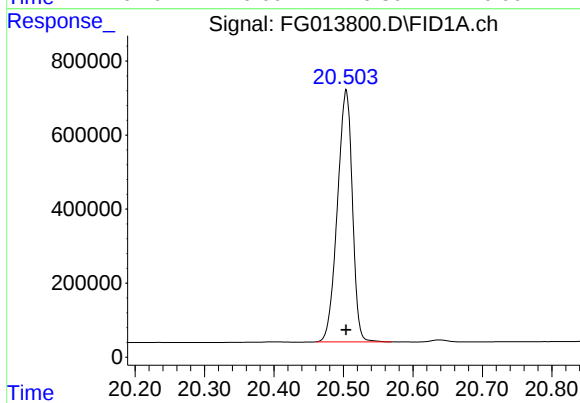
#18 n-Dotriacontane (C32)

R.T.: 18.978 min
Delta R.T.: 0.000 min
Response: 11401386
Conc: 94.90 ug/ml



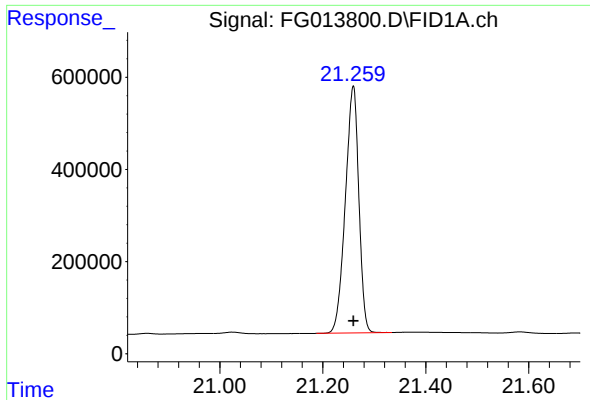
#19 n-Tetratriacontane (C34)

R.T.: 19.763 min
Delta R.T.: 0.000 min
Response: 10798365
Conc: 94.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.504 min
Delta R.T.: 0.000 min
Response: 10194725
Conc: 93.95 ug/ml



#21 n-Octatriacontane (C38)

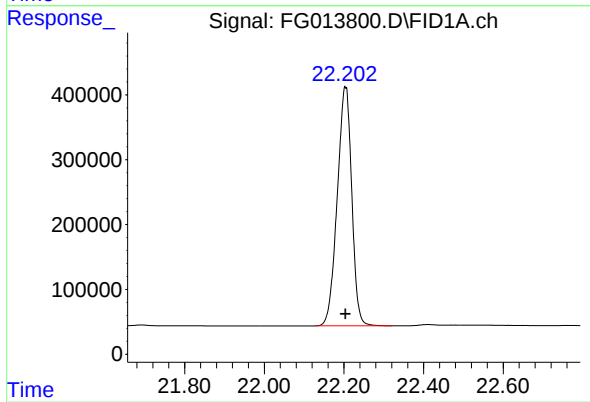
R.T.: 21.259 min
Delta R.T.: 0.000 min
Response: 9735683
Conc: 94.20 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.203 min
Delta R.T.: 0.000 min
Response: 9323017
Conc: 94.40 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
Data File : FG013800.D
Signal(s) : FID1A.ch
Acq On : 10 May 2024 13:35
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.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	3.330	3.283	3.379	BB	1184835	11965501	87.14%	4.542%
2	4.584	4.535	4.635	BB	1198156	12229511	89.07%	4.642%
3	6.294	6.248	6.327	BV	1326138	13354417	97.26%	5.069%
4	6.756	6.703	6.804	BB	1196400	12342682	89.89%	4.685%
5	7.393	7.333	7.445	BB	1281469	13007307	94.73%	4.937%
6	8.589	8.539	8.629	BB	1121889	12314182	89.68%	4.674%
7	10.203	10.162	10.247	BB	1117797	12853829	93.61%	4.879%
8	11.654	11.608	11.700	BB	1105609	13108566	95.47%	4.975%
9	11.976	11.930	12.014	BB	1149189	13730937	100.00%	5.212%
10	12.966	12.915	13.013	BB	1043342	12730081	92.71%	4.832%
11	13.413	13.367	13.463	BB	874089	10769000	78.43%	4.087%
12	13.581	13.525	13.627	BB	998180	12555134	91.44%	4.765%
13	14.170	14.114	14.213	BB	982655	12524666	91.21%	4.754%
14	15.277	15.220	15.328	BB	921700	12491355	90.97%	4.741%
15	16.301	16.242	16.348	BB	878508	12265467	89.33%	4.655%
16	17.254	17.168	17.316	BB	849307	11917583	86.79%	4.523%
17	18.144	18.074	18.203	BB	808544	11852918	86.32%	4.499%
18	18.978	18.915	19.033	BB	797225	11401386	83.03%	4.327%
19	19.763	19.698	19.824	BB	739576	10798365	78.64%	4.099%
20	20.504	20.461	20.570	BBA	681778	10194725	74.25%	3.869%
21	21.259	21.188	21.334	BB	536223	9735683	70.90%	3.695%
22	22.203	22.130	22.320	BBA	368335	9323017	67.90%	3.539%
Sum of corrected areas:						263466312		

Aliphatic EPH 051024.M Fri May 10 16:06:57 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013801.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 14:04
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

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Spiked Amount 50.000		Recovery =	101.04%
Target Compounds			
1) T n-Nonane (C9)	3.327	6306099	49.770 ug/ml
2) T n-Decane (C10)	4.581	6441419	49.742 ug/ml
3) T A~Naphthalene (C11.7)	6.290	7020116	49.770 ug/ml
4) T n-Dodecane (C12)	6.752	6502974	49.759 ug/ml
5) T A~2-methylnaphthalene...	7.389	6834611	49.811 ug/ml
6) T n-Tetradecane (C14)	8.585	6475268	49.788 ug/ml
7) T n-Hexadecane (C16)	10.199	6776275	50.034 ug/ml
8) T n-Octadecane (C18)	11.648	6919354	50.231 ug/ml
10) T n-Eicosane (C20)	12.962	6722186	50.385 ug/ml
11) T n-Heneicosane (C21)	13.577	6633713	50.447 ug/ml
13) T n-Docosane (C22)	14.164	6624120	50.522 ug/ml
14) T n-Tetracosane (C24)	15.272	6612323	50.581 ug/ml
15) T n-Hexacosane (C26)	16.296	6488941	50.554 ug/ml
16) T n-Octacosane (C28)	17.250	6309191	50.608 ug/ml
17) T n-Tricontane (C30)	18.140	6284554	50.521 ug/ml
18) T n-Dotriacontane (C32)	18.974	6040384	50.186 ug/ml
19) T n-Tetratriacontane (C34)	19.760	5749681	50.338 ug/ml
20) T n-Hexatriacontane (C36)	20.501	5420728	49.970 ug/ml
21) T n-Octatriacontane (C38)	21.255	5176668	50.058 ug/ml
22) T n-Tetracontane (C40)	22.196	4916137	49.853 ug/ml

(f)=RT Delta > 1/2 Window

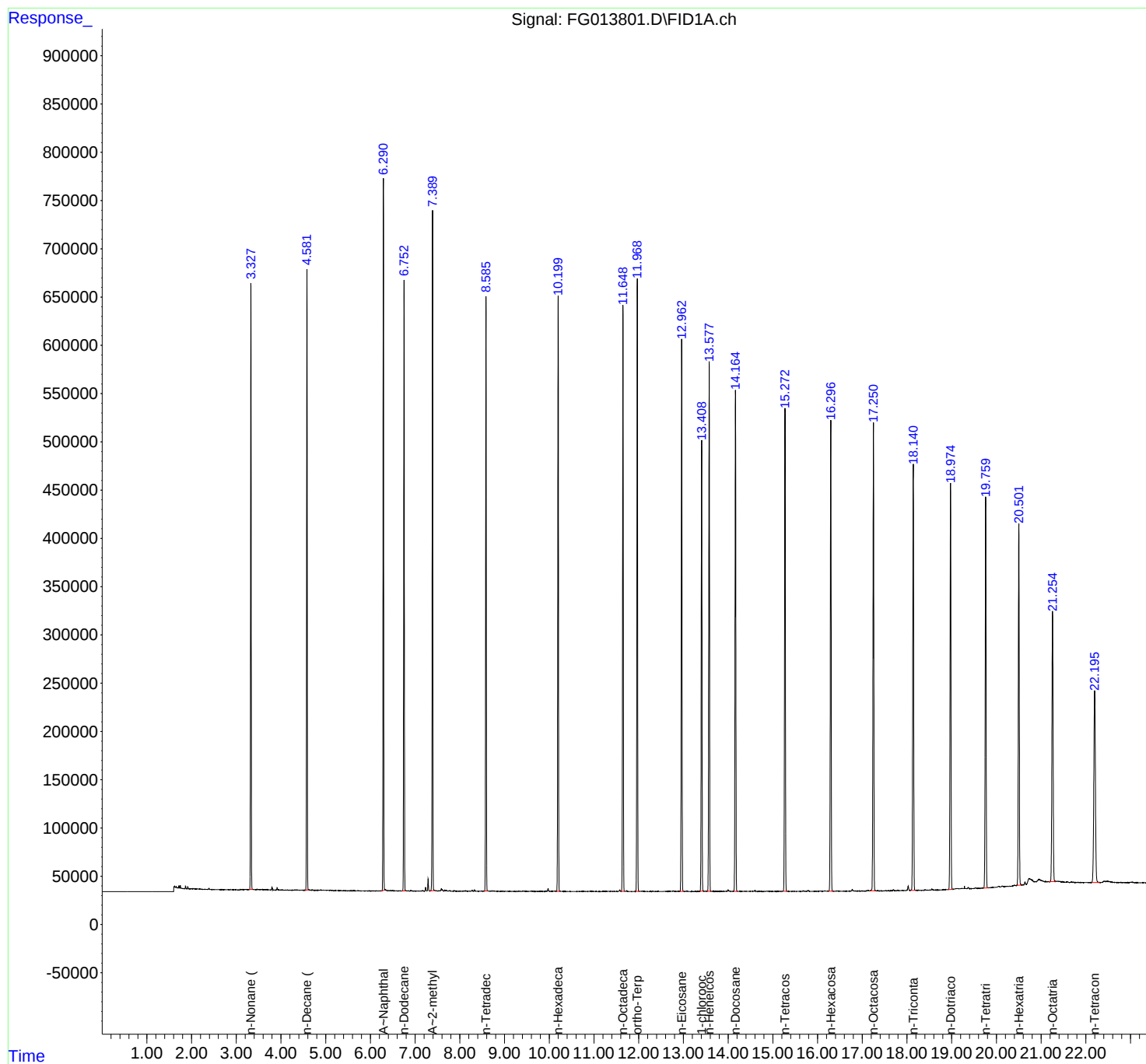
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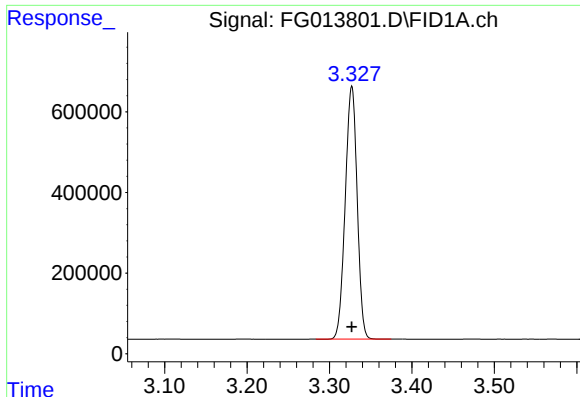
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
Data File : FG013801.D
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Operator : YP\AJ
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50 PPM ALIPHATIC HC STD2

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

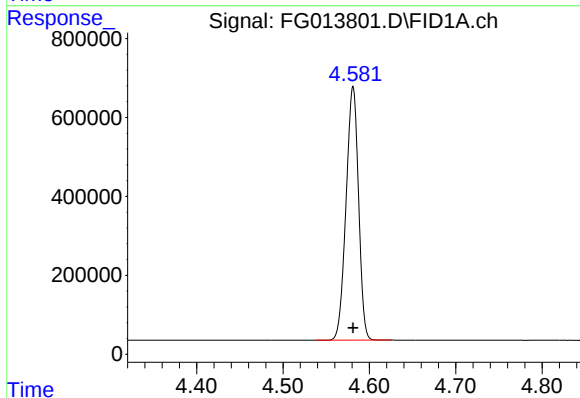




#1 n-Nonane (C9)

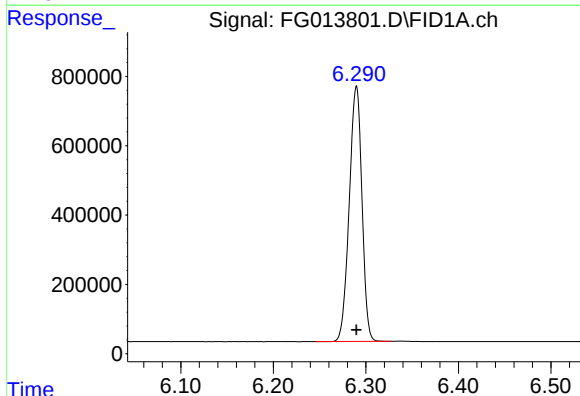
R.T.: 3.327 min
Delta R.T.: 0.000 min
Response: 6306099
Conc: 49.77 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



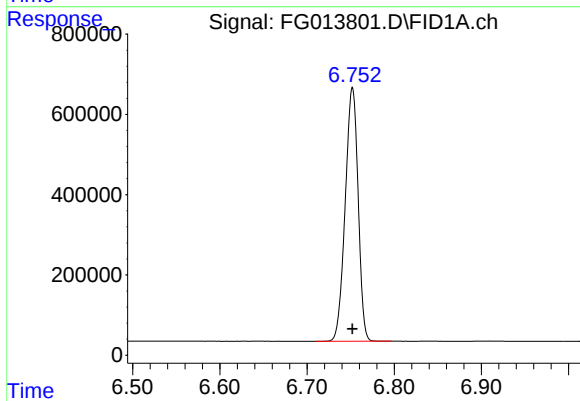
#2 n-Decane (C10)

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 6441419
Conc: 49.74 ug/ml



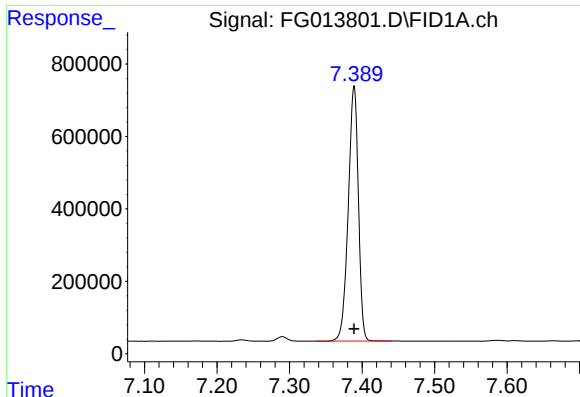
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 7020116
Conc: 49.77 ug/ml



#4 n-Dodecane (C12)

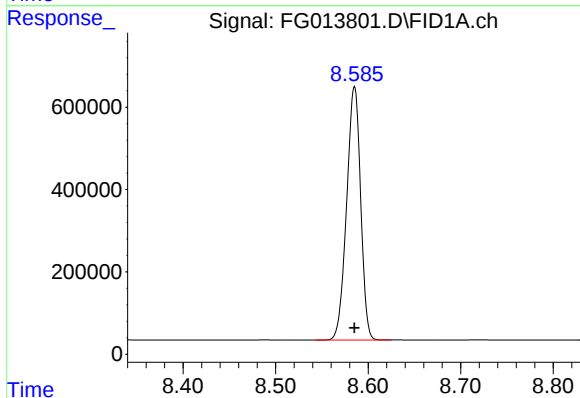
R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 6502974
Conc: 49.76 ug/ml



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

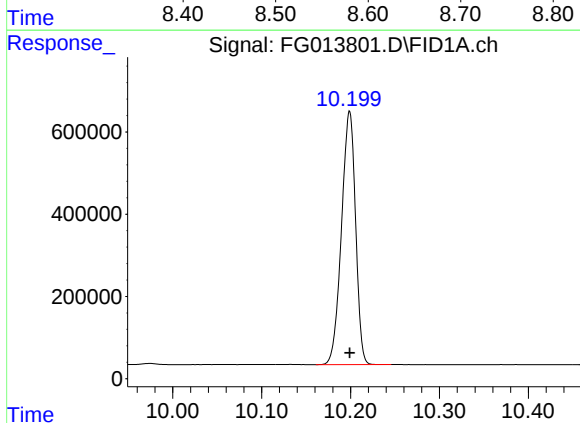
R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 6834611
Conc: 49.81 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



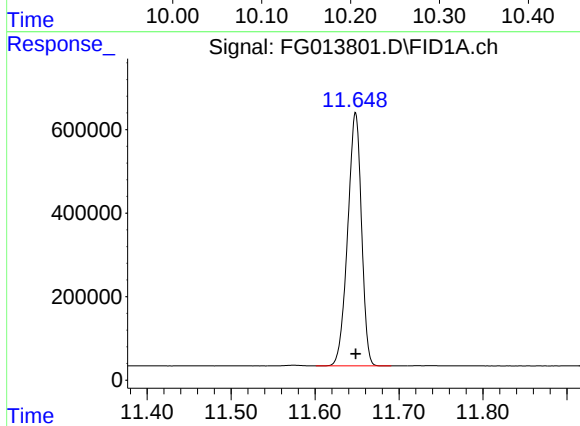
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 6475268
Conc: 49.79 ug/ml



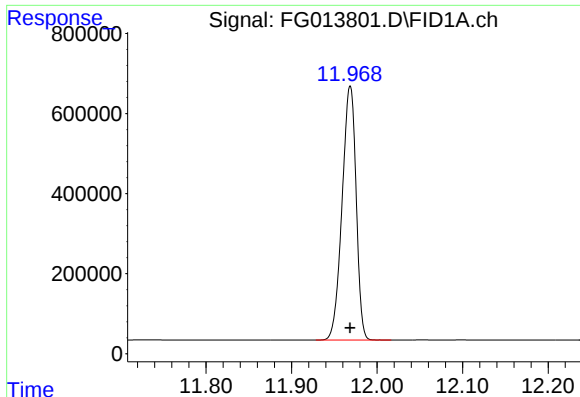
#7 n-Hexadecane (C16)

R.T.: 10.199 min
Delta R.T.: 0.000 min
Response: 6776275
Conc: 50.03 ug/ml



#8 n-Octadecane (C18)

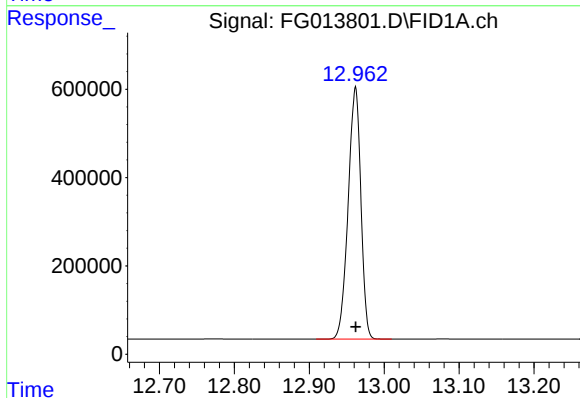
R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 6919354
Conc: 50.23 ug/ml



#9 ortho-Terphenyl (SURR)

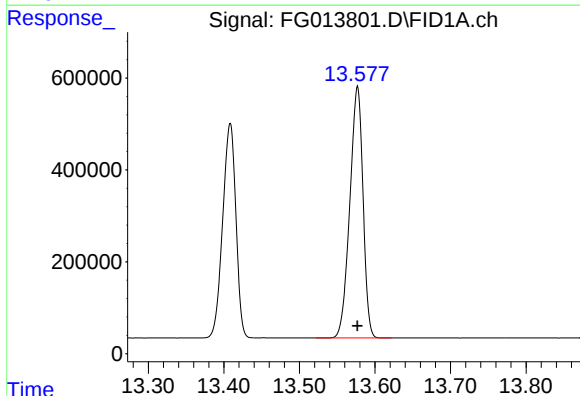
R.T.: 11.969 min
Delta R.T.: 0.000 min
Response: 7224179
Conc: 50.21 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



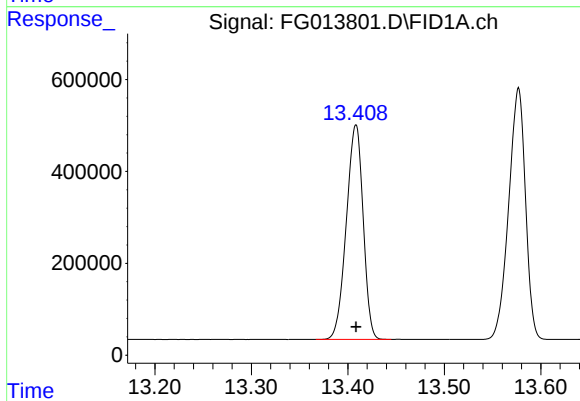
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: 0.000 min
Response: 6722186
Conc: 50.38 ug/ml



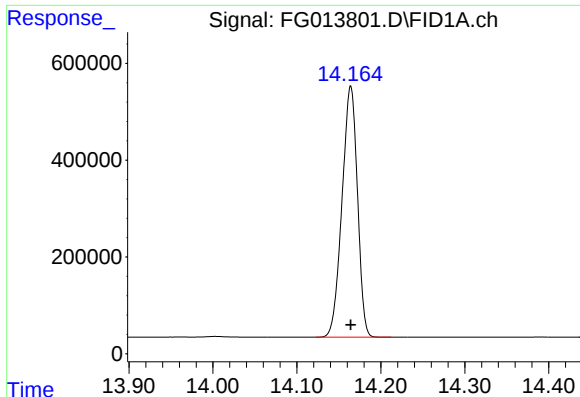
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: 0.000 min
Response: 6633713
Conc: 50.45 ug/ml



#12 1-chlorooctadecane (SURR)

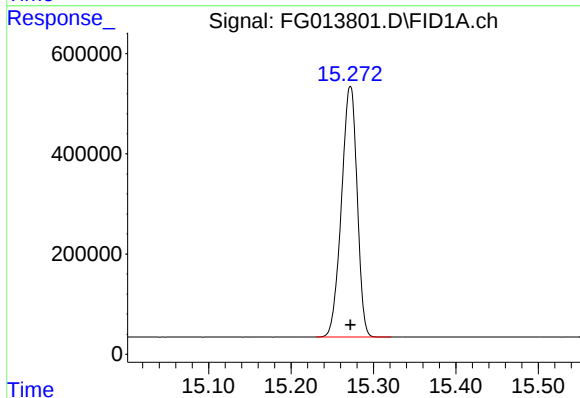
R.T.: 13.408 min
Delta R.T.: 0.000 min
Response: 5669287
Conc: 50.52 ug/ml



#13 n-Docosane (C22)

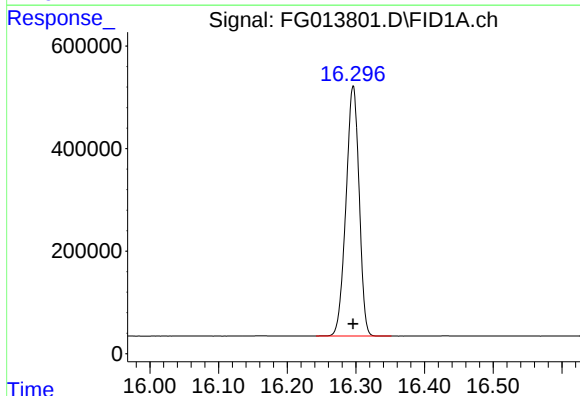
R.T.: 14.164 min
Delta R.T.: 0.000 min
Response: 6624120
Conc: 50.52 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



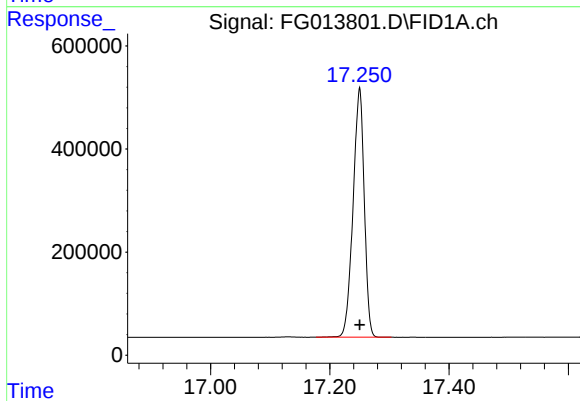
#14 n-Tetracosane (C24)

R.T.: 15.272 min
Delta R.T.: 0.000 min
Response: 6612323
Conc: 50.58 ug/ml



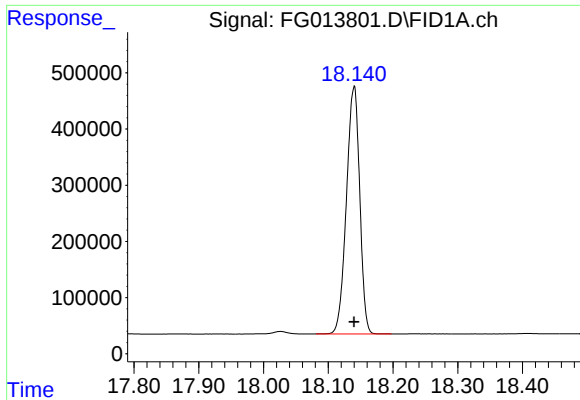
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: 0.000 min
Response: 6488941
Conc: 50.55 ug/ml



#16 n-Octacosane (C28)

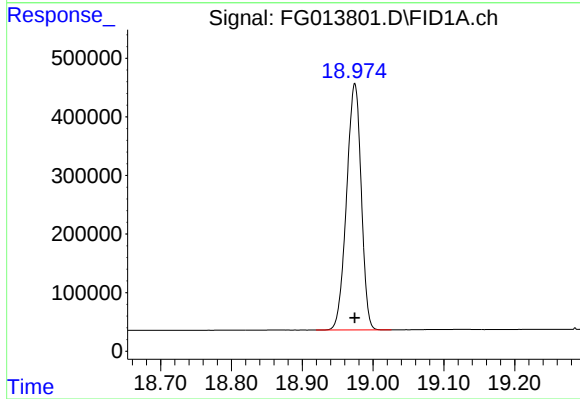
R.T.: 17.250 min
Delta R.T.: 0.000 min
Response: 6309191
Conc: 50.61 ug/ml



#17 n-Tricontane (C30)

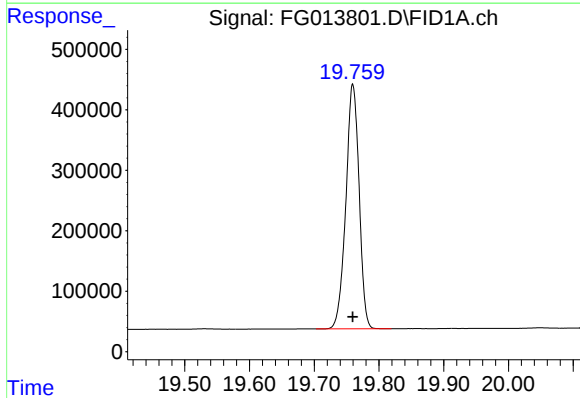
R.T.: 18.140 min
Delta R.T.: 0.000 min
Response: 6284554
Conc: 50.52 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



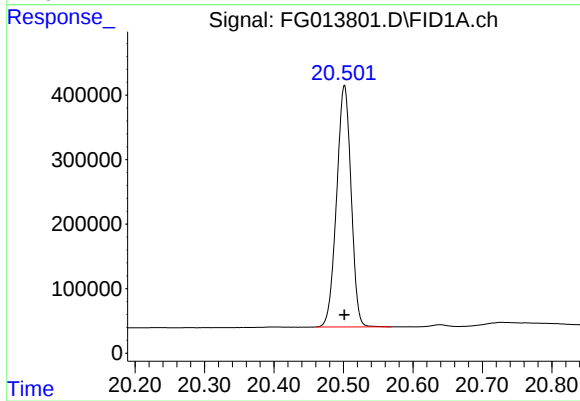
#18 n-Dotriacontane (C32)

R.T.: 18.974 min
Delta R.T.: 0.000 min
Response: 6040384
Conc: 50.19 ug/ml



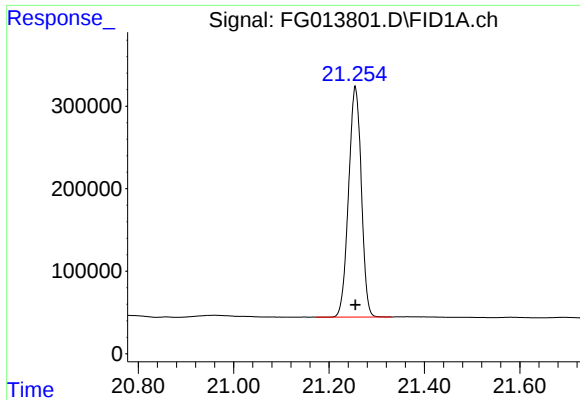
#19 n-Tetratriacontane (C34)

R.T.: 19.760 min
Delta R.T.: 0.000 min
Response: 5749681
Conc: 50.34 ug/ml



#20 n-Hexatriacontane (C36)

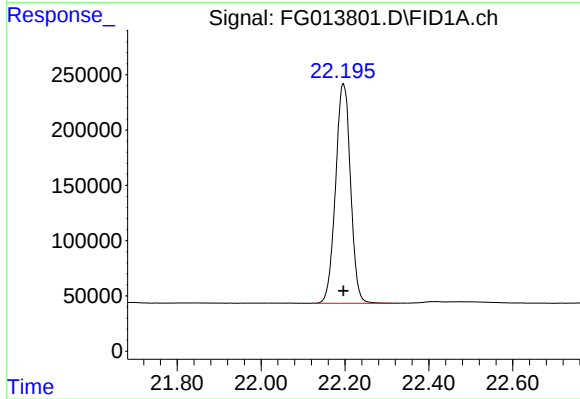
R.T.: 20.501 min
Delta R.T.: 0.000 min
Response: 5420728
Conc: 49.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.255 min
Delta R.T.: 0.000 min
Response: 5176668
Conc: 50.06 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.196 min
Delta R.T.: 0.000 min
Response: 4916137
Conc: 49.85 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
Data File : FG013801.D
Signal(s) : FID1A.ch
Acq On : 10 May 2024 14:04
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.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	3.327	3.283	3.375	BB	628158	6306099	87.29%	4.532%
2	4.581	4.538	4.626	BB	642570	6441419	89.16%	4.629%
3	6.290	6.246	6.328	BV	738117	7020116	97.18%	5.045%
4	6.752	6.710	6.797	BB	632136	6502974	90.02%	4.673%
5	7.389	7.337	7.441	BB	705251	6834611	94.61%	4.912%
6	8.585	8.543	8.625	BB	615548	6475268	89.63%	4.654%
7	10.199	10.161	10.246	BB	616581	6776275	93.80%	4.870%
8	11.648	11.601	11.691	BB	607107	6919354	95.78%	4.973%
9	11.969	11.928	12.017	BB	634720	7224179	100.00%	5.192%
10	12.962	12.909	13.010	BB	571467	6722186	93.05%	4.831%
11	13.408	13.367	13.445	BB	467239	5669287	78.48%	4.074%
12	13.577	13.522	13.622	BB	548226	6633713	91.83%	4.767%
13	14.164	14.123	14.213	BB	519335	6624120	91.69%	4.760%
14	15.272	15.230	15.322	BB	500432	6612323	91.53%	4.752%
15	16.296	16.242	16.352	BB	487714	6488941	89.82%	4.663%
16	17.250	17.177	17.303	BB	484456	6309191	87.33%	4.534%
17	18.140	18.081	18.198	BB	440886	6284554	86.99%	4.516%
18	18.974	18.919	19.026	BB	420959	6040384	83.61%	4.341%
19	19.760	19.703	19.819	BB	405059	5749681	79.59%	4.132%
20	20.501	20.461	20.570	BBA	374930	5420728	75.04%	3.896%
21	21.255	21.173	21.331	BB	279751	5176668	71.66%	3.720%
22	22.196	22.131	22.311	BB	198642	4916137	68.05%	3.533%

Sum of corrected areas: 139148208

Aliphatic EPH 051024.M Fri May 10 16:07:21 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013802.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 14:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 10 15:57:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.M
 Quant Title : GC Extractables
 QLast Update : Fri May 10 15:56:52 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)	11.965	2996040	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.406	2311569	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.325	2686726	20.000 ug/ml
2) T n-Decane (C10)	4.579	2747327	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.288	2984170	20.000 ug/ml
4) T n-Dodecane (C12)	6.750	2771686	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.386	2897402	20.000 ug/ml
6) T n-Tetradecane (C14)	8.583	2750428	20.000 ug/ml
7) T n-Hexadecane (C16)	10.196	2844782	20.000 ug/ml
8) T n-Octadecane (C18)	11.645	2875641	20.000 ug/ml
10) T n-Eicosane (C20)	12.959	2770142	20.000 ug/ml
11) T n-Heneicosane (C21)	13.573	2725381	20.000 ug/ml
13) T n-Docosane (C22)	14.162	2712276	20.000 ug/ml
14) T n-Tetracosane (C24)	15.269	2700378	20.000 ug/ml
15) T n-Hexacosane (C26)	16.292	2652730	20.000 ug/ml
16) T n-Octacosane (C28)	17.246	2572931	20.000 ug/ml
17) T n-Tricontane (C30)	18.135	2579354	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.971	2525132	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.757	2393681	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.498	2301604	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.251	2187055	20.000 ug/ml
22) T n-Tetracontane (C40)	22.195	2085711	20.000 ug/ml

(f)=RT Delta > 1/2 Window

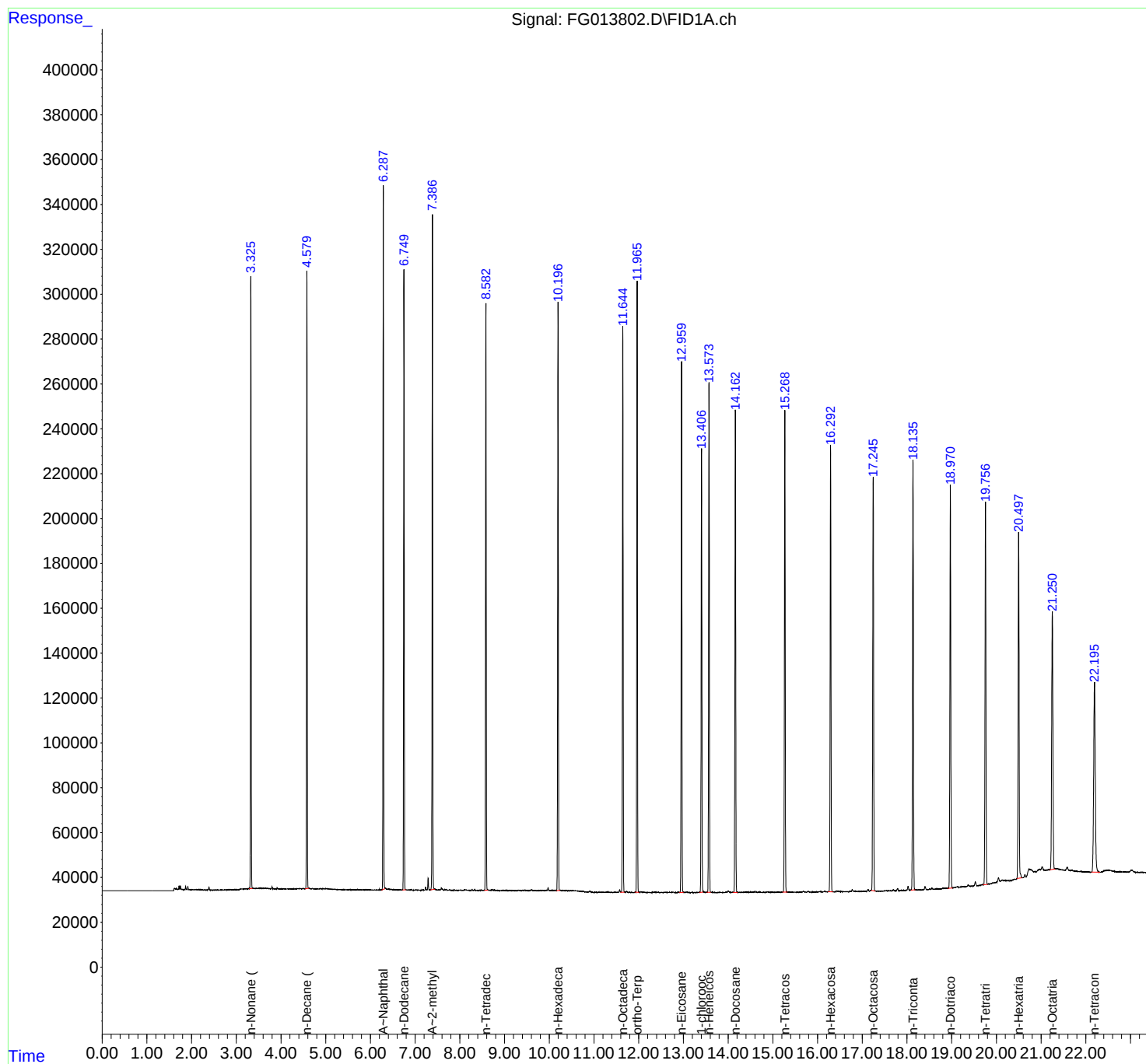
(m)=manual int.

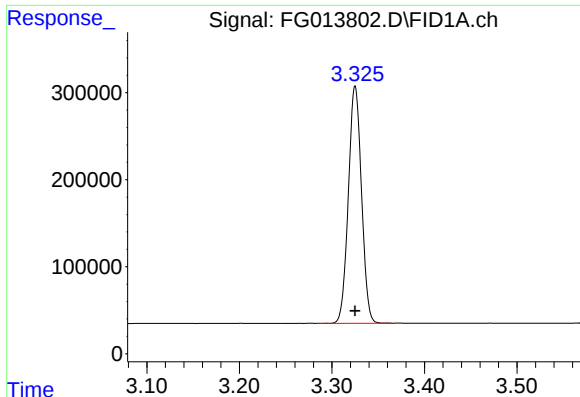
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
Data File : FG013802.D
Signal(s) : FID1A.ch
Acq On : 10 May 2024 14:33
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: May 10 15:57:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.M
Quant Title : GC Extractables
QLast Update : Fri May 10 15:56:52 2024
Response via : Initial Calibration
Integrator: ChemStation

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

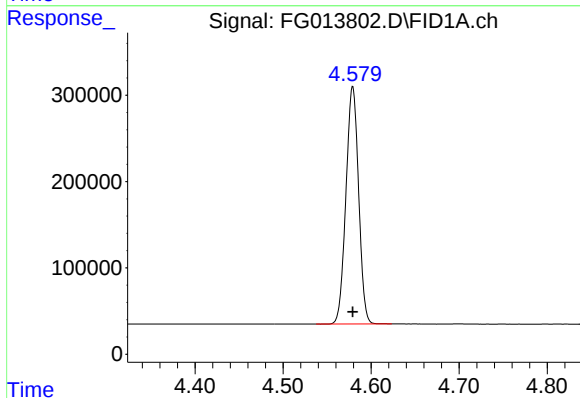




#1 n-Nonane (C9)

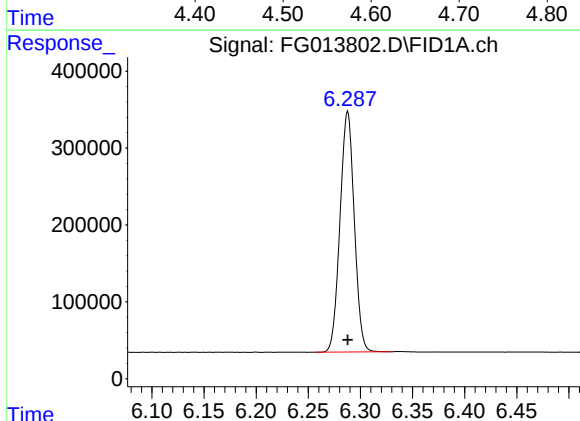
R.T.: 3.325 min
Delta R.T.: 0.000 min
Response: 2686726
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



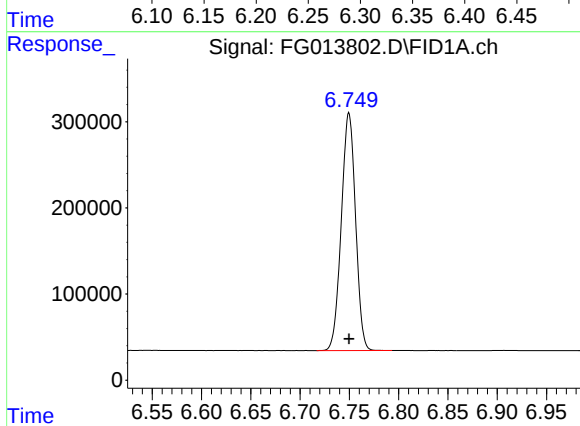
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 2747327
Conc: 20.00 ug/ml



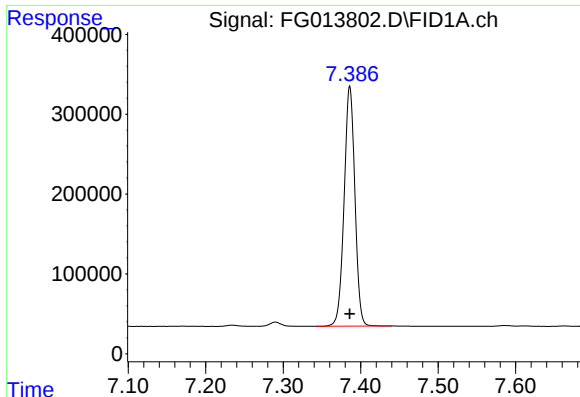
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 2984170
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

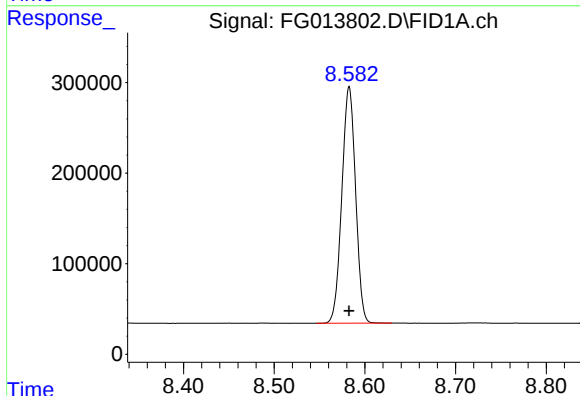
R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 2771686
Conc: 20.00 ug/ml



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

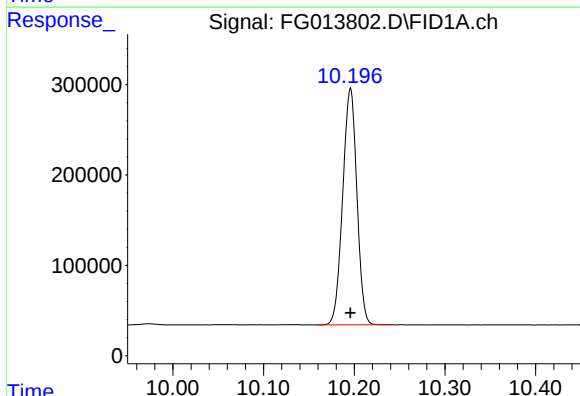
R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 2897402
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



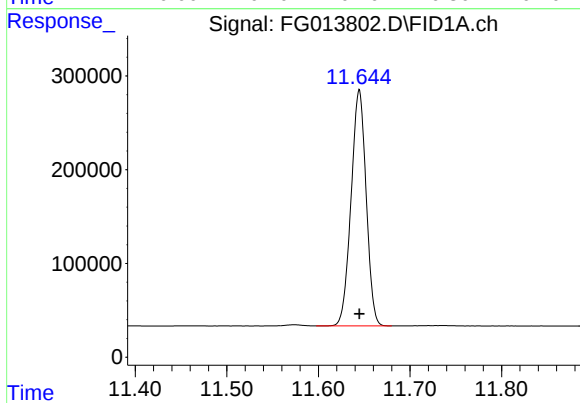
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 2750428
Conc: 20.00 ug/ml



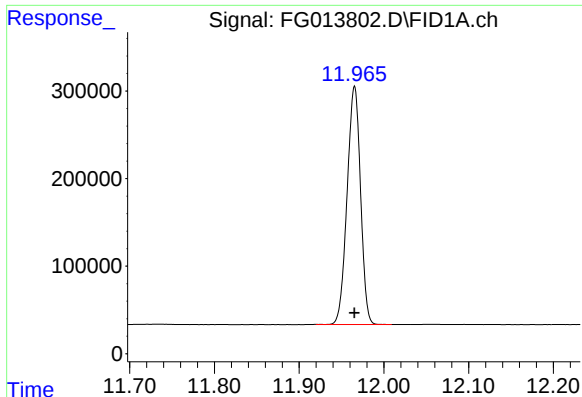
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: 0.000 min
Response: 2844782
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

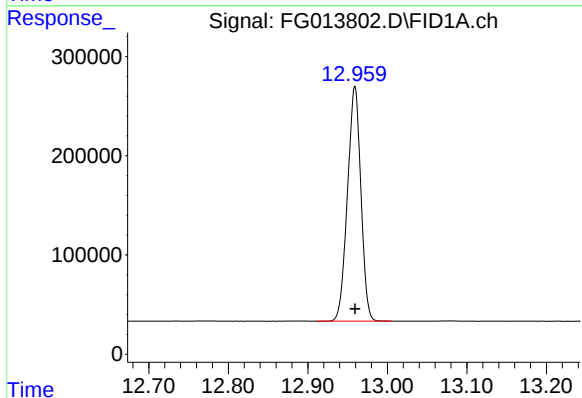
R.T.: 11.645 min
Delta R.T.: 0.000 min
Response: 2875641
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

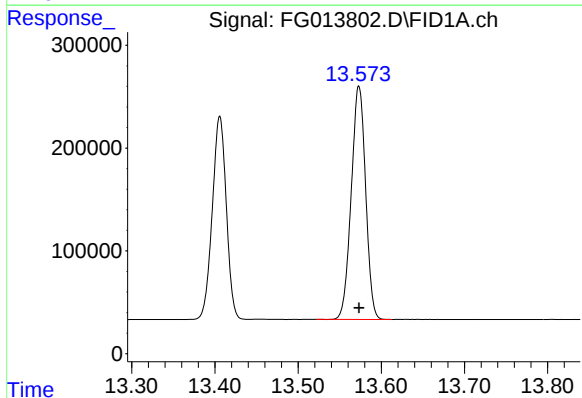
R.T.: 11.965 min
Delta R.T.: 0.000 min
Response: 2996040
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



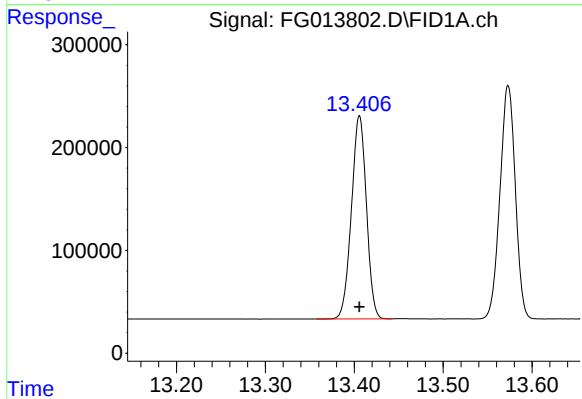
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: 0.000 min
Response: 2770142
Conc: 20.00 ug/ml



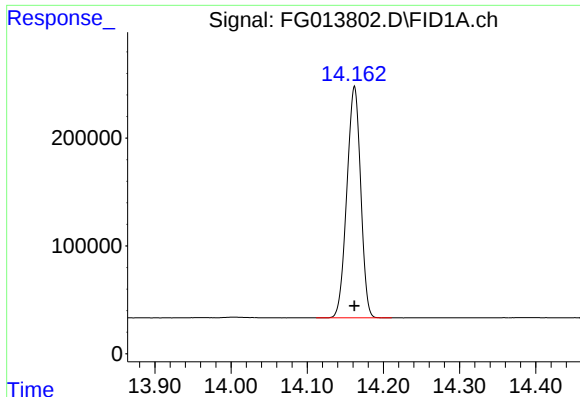
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: 0.000 min
Response: 2725381
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

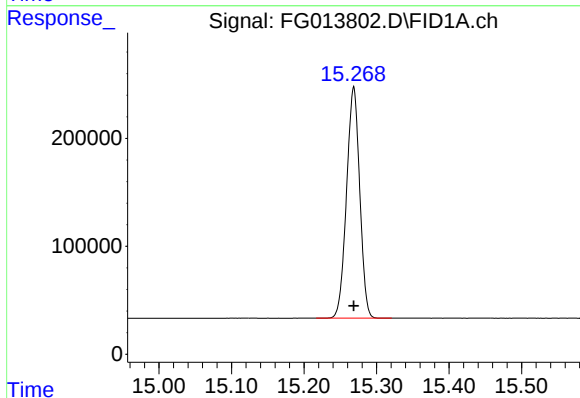
R.T.: 13.406 min
Delta R.T.: 0.000 min
Response: 2311569
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

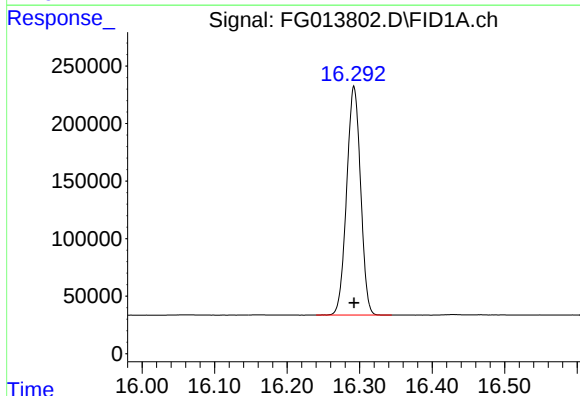
R.T.: 14.162 min
Delta R.T.: 0.000 min
Response: 2712276
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



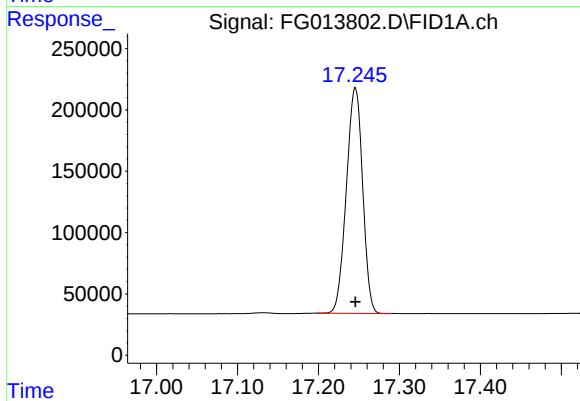
#14 n-Tetracosane (C24)

R.T.: 15.269 min
Delta R.T.: 0.000 min
Response: 2700378
Conc: 20.00 ug/ml



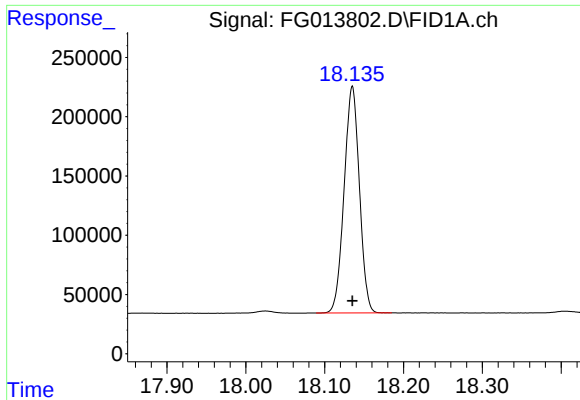
#15 n-Hexacosane (C26)

R.T.: 16.292 min
Delta R.T.: 0.000 min
Response: 2652730
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

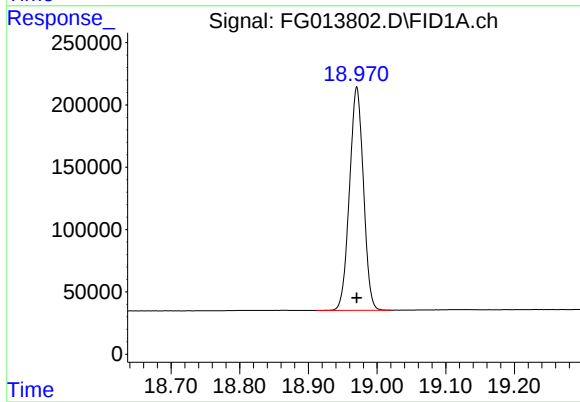
R.T.: 17.246 min
Delta R.T.: 0.000 min
Response: 2572931
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

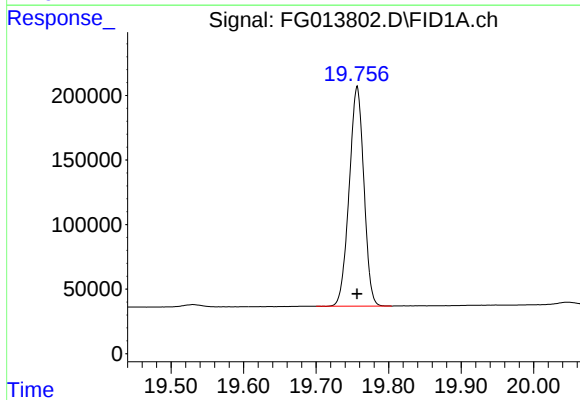
R.T.: 18.135 min
Delta R.T.: 0.000 min
Response: 2579354
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



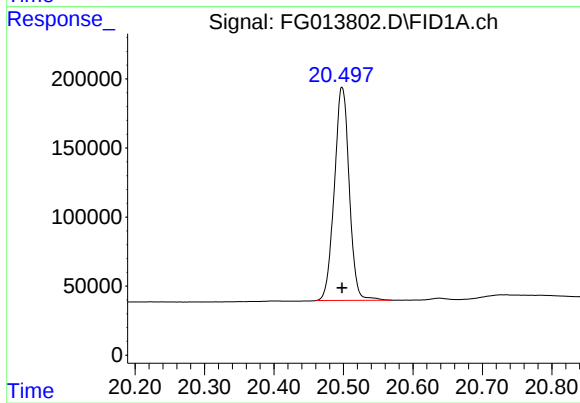
#18 n-Dotriacontane (C32)

R.T.: 18.971 min
Delta R.T.: 0.000 min
Response: 2525132
Conc: 20.00 ug/ml



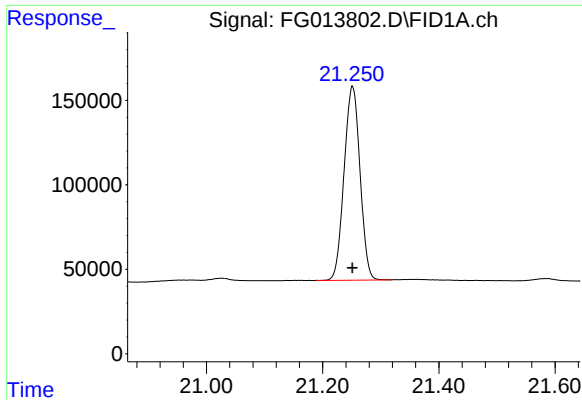
#19 n-Tetratriacontane (C34)

R.T.: 19.757 min
Delta R.T.: 0.000 min
Response: 2393681
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

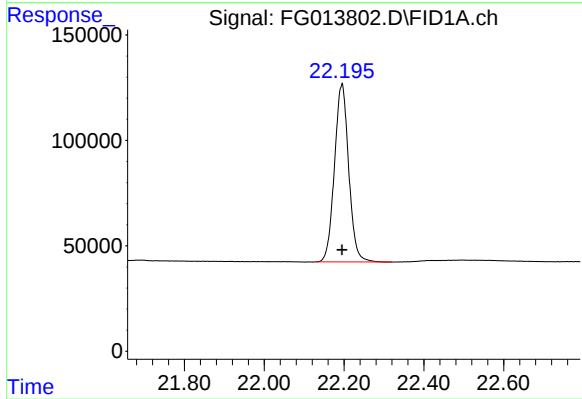
R.T.: 20.498 min
Delta R.T.: 0.000 min
Response: 2301604
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.251 min
Delta R.T.: 0.000 min
Response: 2187055
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.195 min
Delta R.T.: 0.000 min
Response: 2085711
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
Data File : FG013802.D
Signal(s) : FID1A.ch
Acq On : 10 May 2024 14:33
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.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	3.283	3.365	BB	272828	2686726	89.68%	4.627%
2	4.579	4.538	4.623	BB	275416	2747327	91.70%	4.731%
3	6.288	6.258	6.330	BB	313182	2984170	99.60%	5.139%
4	6.750	6.717	6.793	BB	276087	2771686	92.51%	4.773%
5	7.386	7.343	7.440	BB	300785	2897402	96.71%	4.989%
6	8.583	8.547	8.630	BB	261331	2750428	91.80%	4.736%
7	10.196	10.158	10.242	BB	262296	2844782	94.95%	4.899%
8	11.645	11.598	11.680	BB	252563	2875641	95.98%	4.952%
9	11.965	11.920	12.009	BB	272491	2996040	100.00%	5.159%
10	12.959	12.911	13.006	BB	236716	2770142	92.46%	4.770%
11	13.406	13.358	13.443	BB	197816	2311569	77.15%	3.981%
12	13.573	13.522	13.613	BB	226930	2725381	90.97%	4.693%
13	14.162	14.112	14.211	BB	214997	2712276	90.53%	4.671%
14	15.269	15.217	15.321	BB	214468	2700378	90.13%	4.650%
15	16.292	16.240	16.344	BB	198774	2652730	88.54%	4.568%
16	17.246	17.198	17.291	BB	184026	2572931	85.88%	4.431%
17	18.135	18.089	18.185	BB	191451	2579354	86.09%	4.442%
18	18.971	18.912	19.022	BB	179606	2525132	84.28%	4.348%
19	19.757	19.700	19.804	BB	170673	2393681	79.89%	4.122%
20	20.498	20.461	20.570	BBA	154200	2301604	76.82%	3.963%
21	21.251	21.189	21.319	BB	115016	2187055	73.00%	3.766%
22	22.195	22.130	22.320	BBA	84728	2085711	69.62%	3.592%
Sum of corrected areas:						58072144		

Aliphatic EPH 051024.M Fri May 10 16:07:40 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013803.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 15:03
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: May 10 16:01:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.M
 Quant Title : GC Extractables
 QLast Update : Fri May 10 15:56:52 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)	11.963	1578092	10.710 ug/ml
Spiked Amount 50.000		Recovery =	21.42%
12) S 1-chlorooctadecane (S...	13.404	1230085	10.704 ug/ml
Spiked Amount 50.000		Recovery =	21.41%
Target Compounds			
1) T n-Nonane (C9)	3.326	1374118	10.621 ug/ml
2) T n-Decane (C10)	4.579	1402401	10.610 ug/ml
3) T A~Naphthalene (C11.7)	6.288	1523505	10.589 ug/ml
4) T n-Dodecane (C12)	6.749	1418245	10.626 ug/ml
5) T A~2-methylnaphthalene...	7.386	1481275	10.585 ug/ml
6) T n-Tetradecane (C14)	8.582	1417556	10.660 ug/ml
7) T n-Hexadecane (C16)	10.195	1488420	10.725 ug/ml
8) T n-Octadecane (C18)	11.643	1528040	10.798 ug/ml
10) T n-Eicosane (C20)	12.957	1474723	10.770 ug/ml
11) T n-Heneicosane (C21)	13.572	1451897	10.761 ug/ml
13) T n-Docosane (C22)	14.160	1443249	10.737 ug/ml
14) T n-Tetracosane (C24)	15.267	1441199	10.749 ug/ml
15) T n-Hexacosane (C26)	16.291	1409795	10.720 ug/ml
16) T n-Octacosane (C28)	17.244	1367287	10.708 ug/ml
17) T n-Tricontane (C30)	18.135	1387860	10.843 ug/ml
18) T n-Dotriacontane (C32)	18.969	1431334	11.355 ug/ml
19) T n-Tetratriacontane (C34)	19.756	1306377	11.041 ug/ml
20) T n-Hexatriacontane (C36)	20.497	1226659	10.950 ug/ml
21) T n-Octatriacontane (C38)	21.250	1134352	10.710 ug/ml
22) T n-Tetracontane (C40)	22.192	1147296	11.178 ug/ml

(f)=RT Delta > 1/2 Window

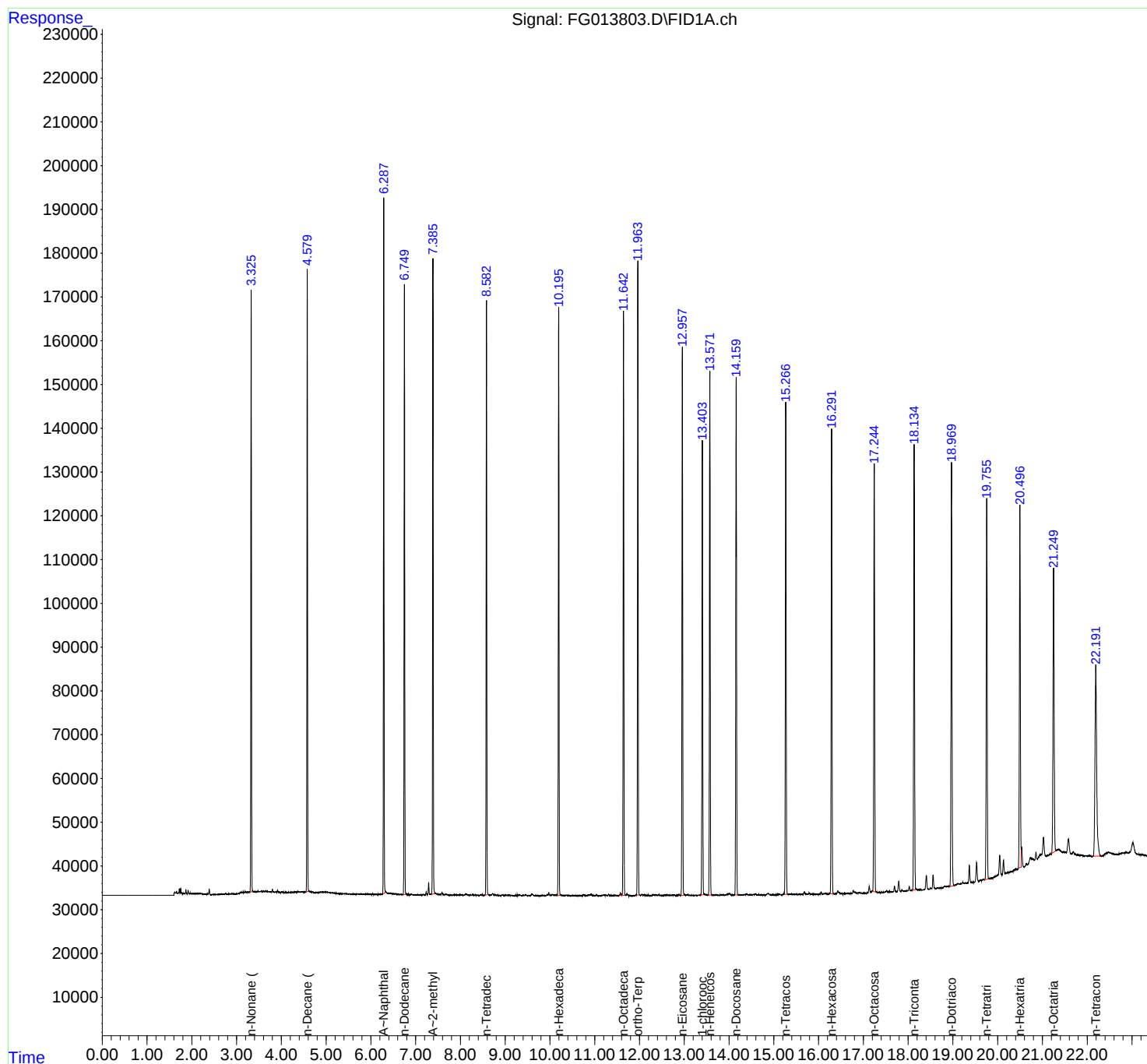
(m)=manual int.

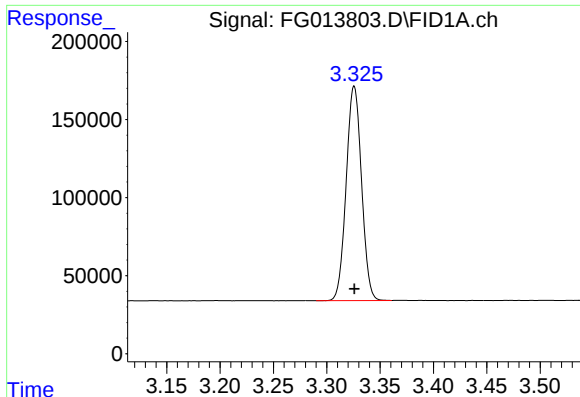
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
Data File : FG013803.D
Signal(s) : FID1A.ch
Acq On : 10 May 2024 15:03
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: May 10 16:01:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.M
Quant Title : GC Extractables
QLast Update : Fri May 10 15:56:52 2024
Response via : Initial Calibration
Integrator: ChemStation

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

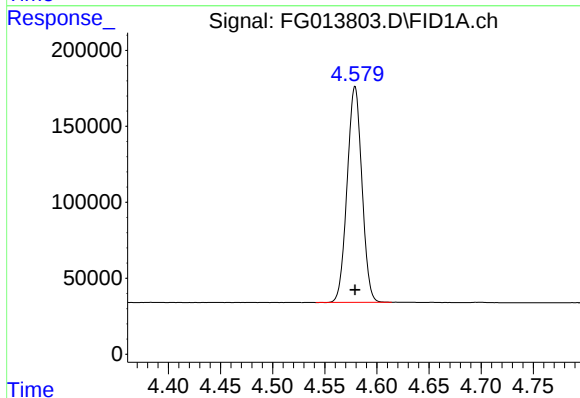




#1 n-Nonane (C9)

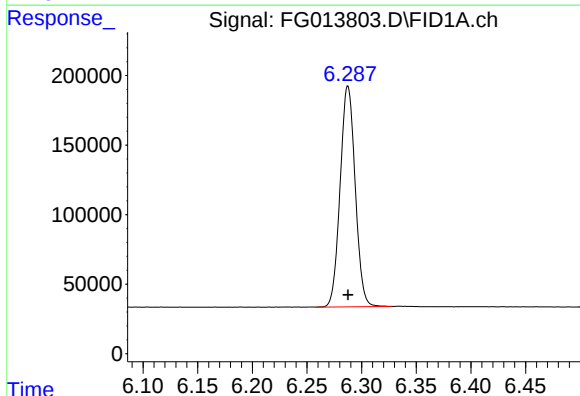
R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 1374118
Conc: 10.62 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



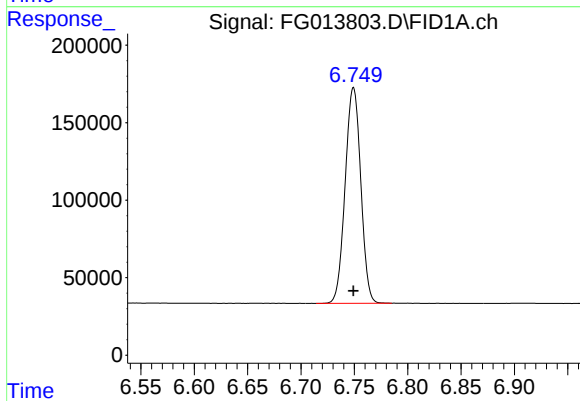
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 1402401
Conc: 10.61 ug/ml



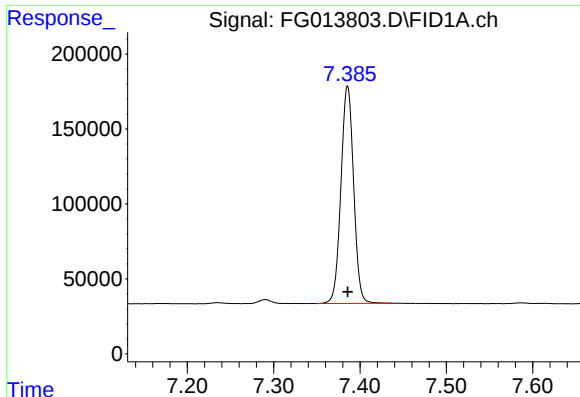
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 1523505
Conc: 10.59 ug/ml



#4 n-Dodecane (C12)

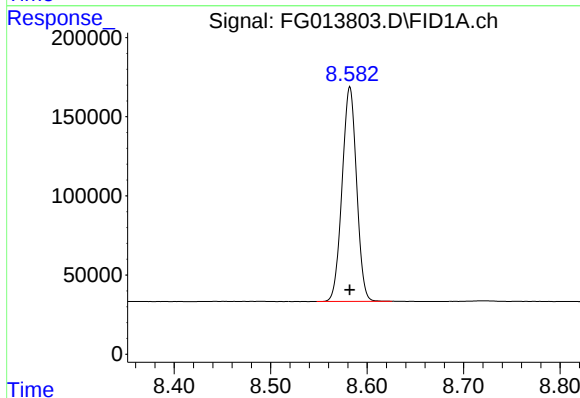
R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 1418245
Conc: 10.63 ug/ml



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

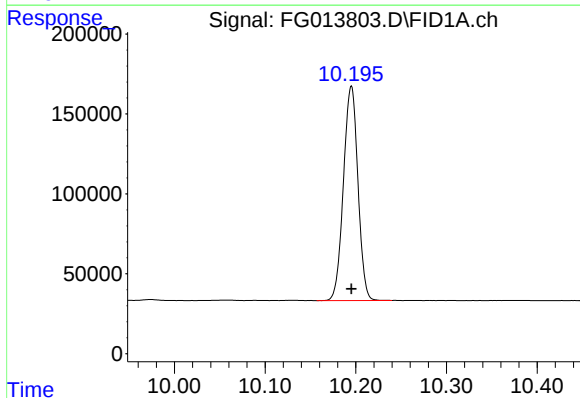
R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 1481275
Conc: 10.59 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



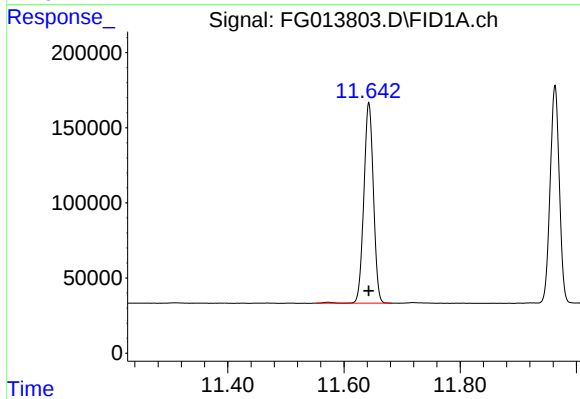
#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 1417556
Conc: 10.66 ug/ml



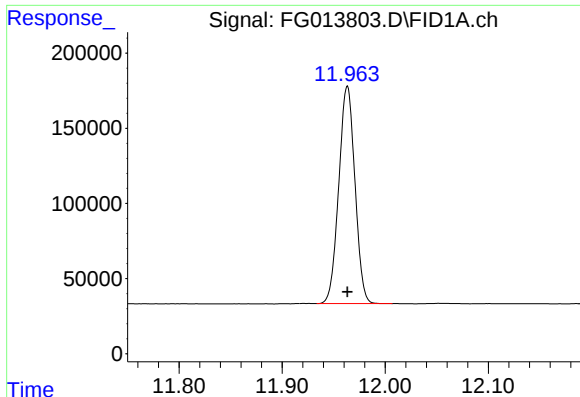
#7 n-Hexadecane (C16)

R.T.: 10.195 min
Delta R.T.: 0.000 min
Response: 1488420
Conc: 10.72 ug/ml



#8 n-Octadecane (C18)

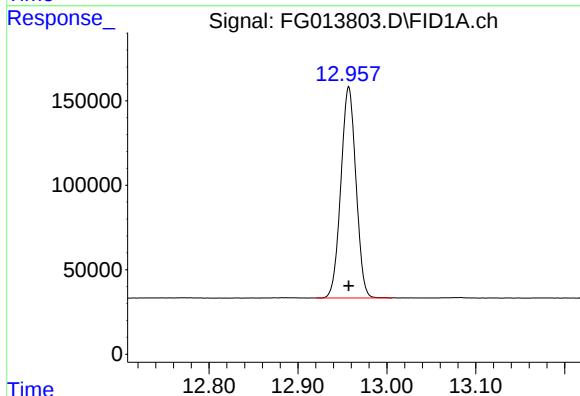
R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 1528040
Conc: 10.80 ug/ml



#9 ortho-Terphenyl (SURR)

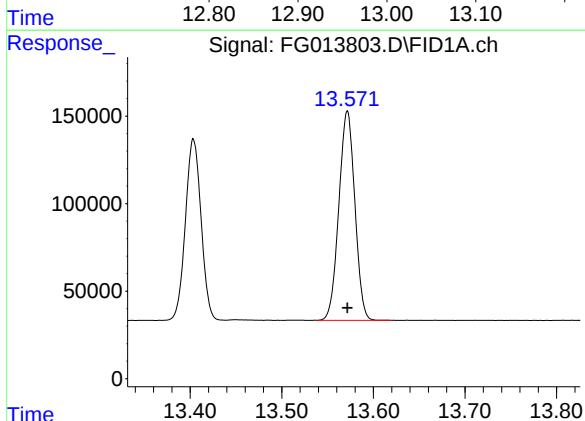
R.T.: 11.963 min
Delta R.T.: 0.000 min
Response: 1578092
Conc: 10.71 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



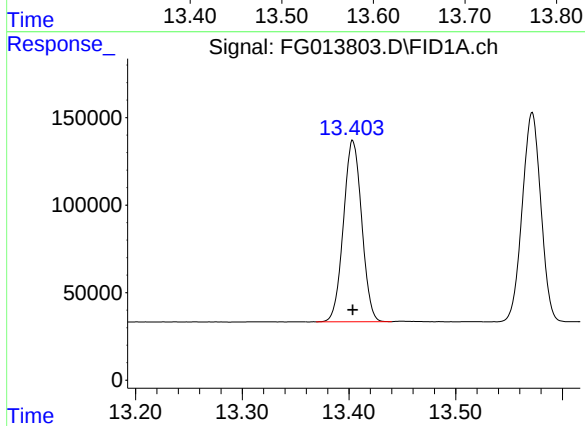
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: 0.000 min
Response: 1474723
Conc: 10.77 ug/ml



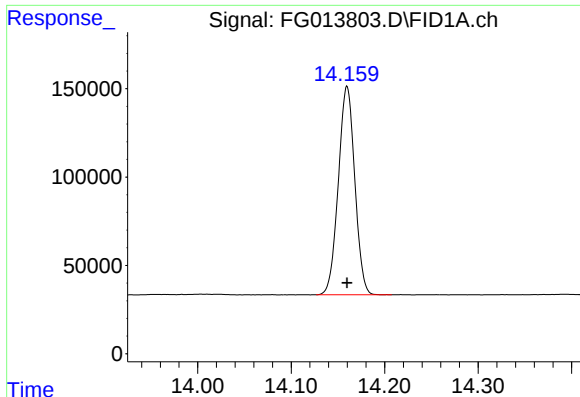
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: 0.000 min
Response: 1451897
Conc: 10.76 ug/ml



#12 1-chlorooctadecane (SURR)

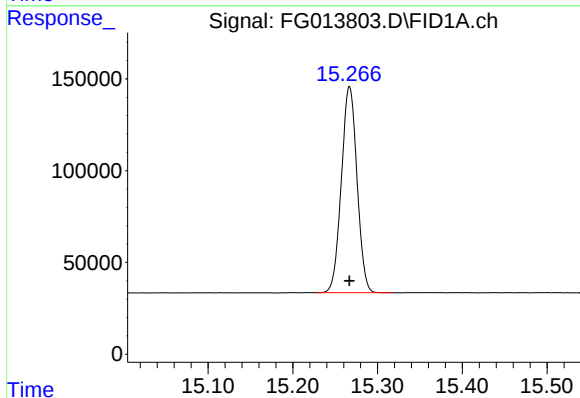
R.T.: 13.404 min
Delta R.T.: 0.000 min
Response: 1230085
Conc: 10.70 ug/ml



#13 n-Docosane (C22)

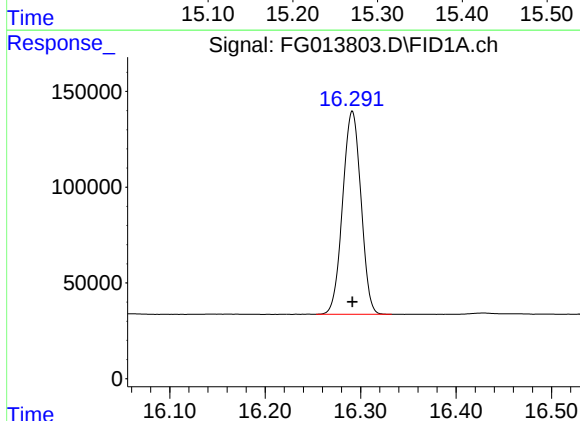
R.T.: 14.160 min
Delta R.T.: 0.000 min
Response: 1443249
Conc: 10.74 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



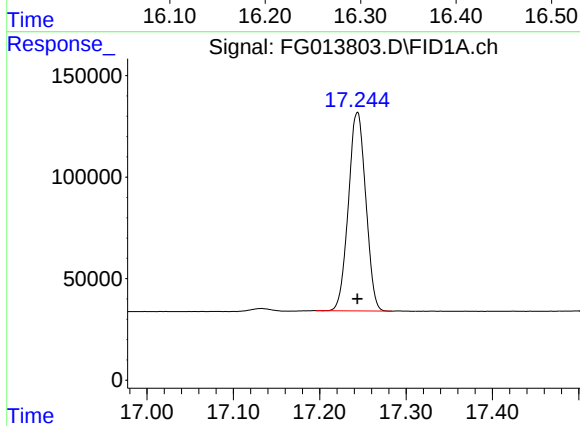
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: 0.000 min
Response: 1441199
Conc: 10.75 ug/ml



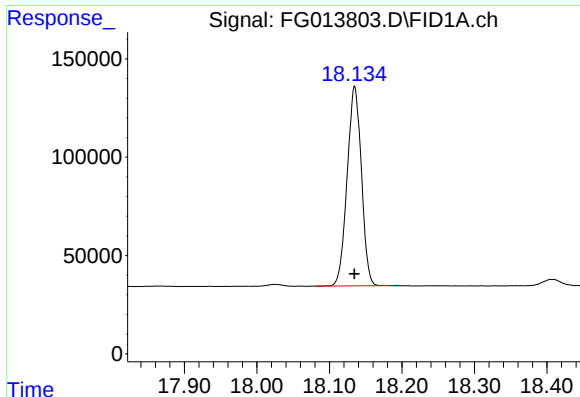
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: 0.000 min
Response: 1409795
Conc: 10.72 ug/ml



#16 n-Octacosane (C28)

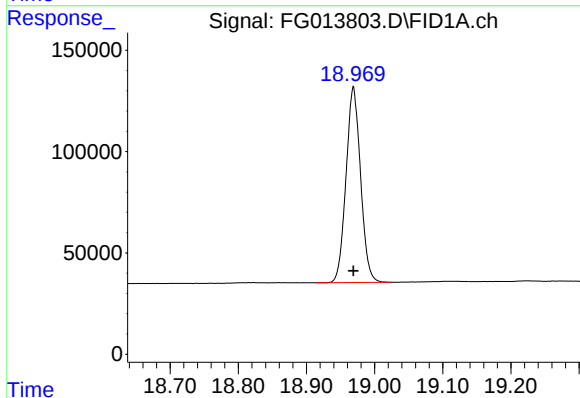
R.T.: 17.244 min
Delta R.T.: 0.000 min
Response: 1367287
Conc: 10.71 ug/ml



#17 n-Tricontane (C30)

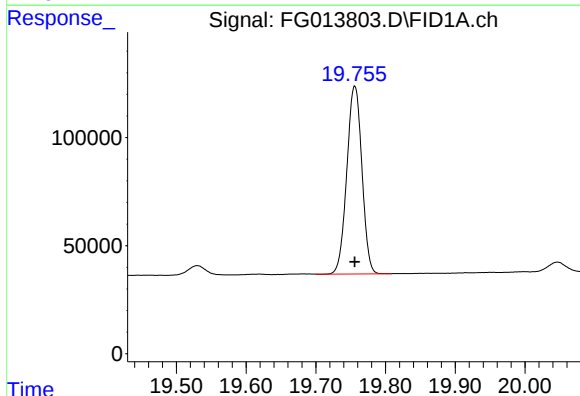
R.T.: 18.135 min
Delta R.T.: 0.000 min
Response: 1387860
Conc: 10.84 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



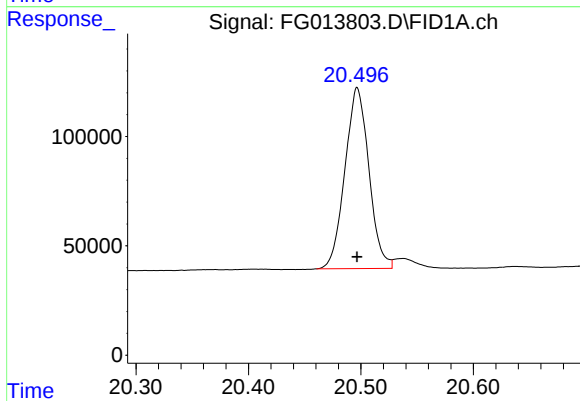
#18 n-Dotriacontane (C32)

R.T.: 18.969 min
Delta R.T.: 0.000 min
Response: 1431334
Conc: 11.36 ug/ml



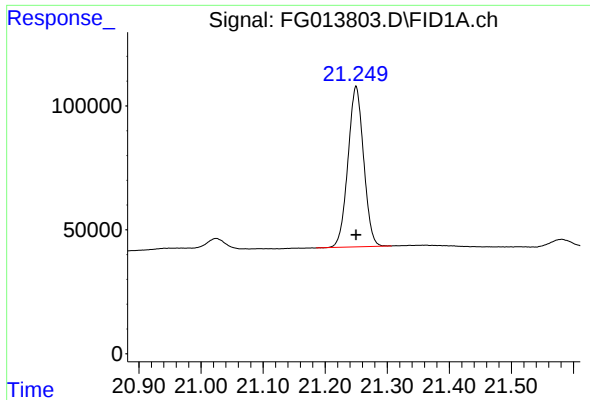
#19 n-Tetratriacontane (C34)

R.T.: 19.756 min
Delta R.T.: 0.000 min
Response: 1306377
Conc: 11.04 ug/ml



#20 n-Hexatriacontane (C36)

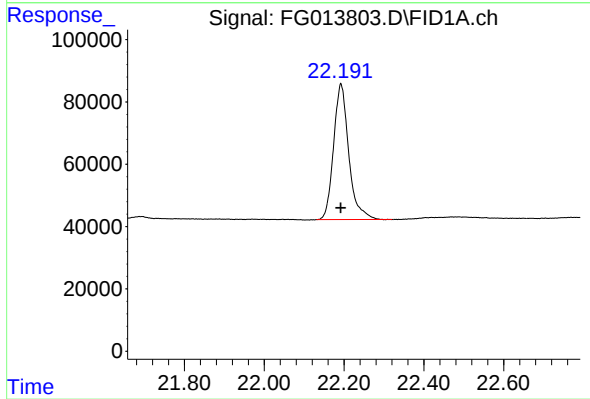
R.T.: 20.497 min
Delta R.T.: 0.000 min
Response: 1226659
Conc: 10.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.250 min
Delta R.T.: 0.000 min
Response: 1134352
Conc: 10.71 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.192 min
Delta R.T.: 0.000 min
Response: 1147296
Conc: 11.18 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
Data File : FG013803.D
Signal(s) : FID1A.ch
Acq On : 10 May 2024 15:03
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.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	3.326	3.290	3.361	BB	137515	1374118	87.07%	4.481%
2	4.579	4.542	4.614	BB	142372	1402401	88.87%	4.573%
3	6.288	6.258	6.328	BB	158916	1523505	96.54%	4.968%
4	6.749	6.714	6.785	BB	139369	1418245	89.87%	4.625%
5	7.386	7.349	7.437	BB	145126	1481275	93.86%	4.831%
6	8.582	8.548	8.626	BB	135748	1417556	89.83%	4.623%
7	10.195	10.157	10.240	BB	134286	1488420	94.32%	4.854%
8	11.643	11.553	11.683	BB	133447	1528040	96.83%	4.983%
9	11.963	11.933	12.007	BB	144897	1578092	100.00%	5.146%
10	12.957	12.921	13.006	BB	125197	1474723	93.45%	4.809%
11	13.404	13.369	13.440	BB	103734	1230085	77.95%	4.012%
12	13.572	13.538	13.620	BB	119677	1451897	92.00%	4.735%
13	14.160	14.127	14.208	BB	118132	1443249	91.46%	4.707%
14	15.267	15.228	15.317	BB	112410	1441199	91.33%	4.700%
15	16.291	16.253	16.333	BB	106189	1409795	89.34%	4.598%
16	17.244	17.196	17.283	BB	97820	1367287	86.64%	4.459%
17	18.135	18.082	18.186	BB	101756	1387860	87.95%	4.526%
18	18.969	18.914	19.025	BB	96879	1431334	90.70%	4.668%
19	19.756	19.700	19.809	BB	87054	1306377	82.78%	4.260%
20	20.497	20.460	20.528	BV	82808	1226659	77.73%	4.000%
21	21.250	21.185	21.307	BB	64937	1134352	71.88%	3.699%
22	22.192	22.130	22.320	BBA	43699	1147296	72.70%	3.742%
Sum of corrected areas:							30663765	

Aliphatic EPH 051024.M Fri May 10 16:08:03 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013804.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 15:32
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC H STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC H STD5

Integration File: autoint1.e
 Quant Time: May 10 16:03:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.M
 Quant Title : GC Extractables
 QLast Update : Fri May 10 15:56:52 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)	11.963	840560	5.548 ug/ml
Spiked Amount 50.000		Recovery =	11.10%
12) S 1-chlorooctadecane (S...	13.404	651729	5.523 ug/ml
Spiked Amount 50.000		Recovery =	11.05%
Target Compounds			
1) T n-Nonane (C9)	3.326	737672	5.546 ug/ml
2) T n-Decane (C10)	4.579	754872	5.553 ug/ml
3) T A~Naphthalene (C11.7)	6.287	816123	5.524 ug/ml
4) T n-Dodecane (C12)	6.749	760481	5.543 ug/ml
5) T A~2-methylnaphthalene...	7.385	788798	5.497 ug/ml
6) T n-Tetradecane (C14)	8.582	762094	5.568 ug/ml
7) T n-Hexadecane (C16)	10.195	794734	5.565 ug/ml
8) T n-Octadecane (C18)	11.643	811363	5.570 ug/ml
10) T n-Eicosane (C20)	12.957	785408	5.572 ug/ml
11) T n-Heneicosane (C21)	13.572	773991	5.572 ug/ml
13) T n-Docosane (C22)	14.160	768312	5.557 ug/ml
14) T n-Tetracosane (C24)	15.267	767764	5.565 ug/ml
15) T n-Hexacosane (C26)	16.291	748106	5.536 ug/ml
16) T n-Octacosane (C28)	17.245	726678	5.538 ug/ml
17) T n-Tricontane (C30)	18.134	740342	5.608 ug/ml
18) T n-Dotriacontane (C32)	18.970	754594	5.759 ug/ml
19) T n-Tetratriacontane (C34)	19.755	682399	5.595 ug/ml
20) T n-Hexatriacontane (C36)	20.496	643072	5.575 ug/ml
21) T n-Octatriacontane (C38)	21.249	581825	5.387 ug/ml
22) T n-Tetracontane (C40)	22.190	547625	5.265 ug/ml

(f)=RT Delta > 1/2 Window

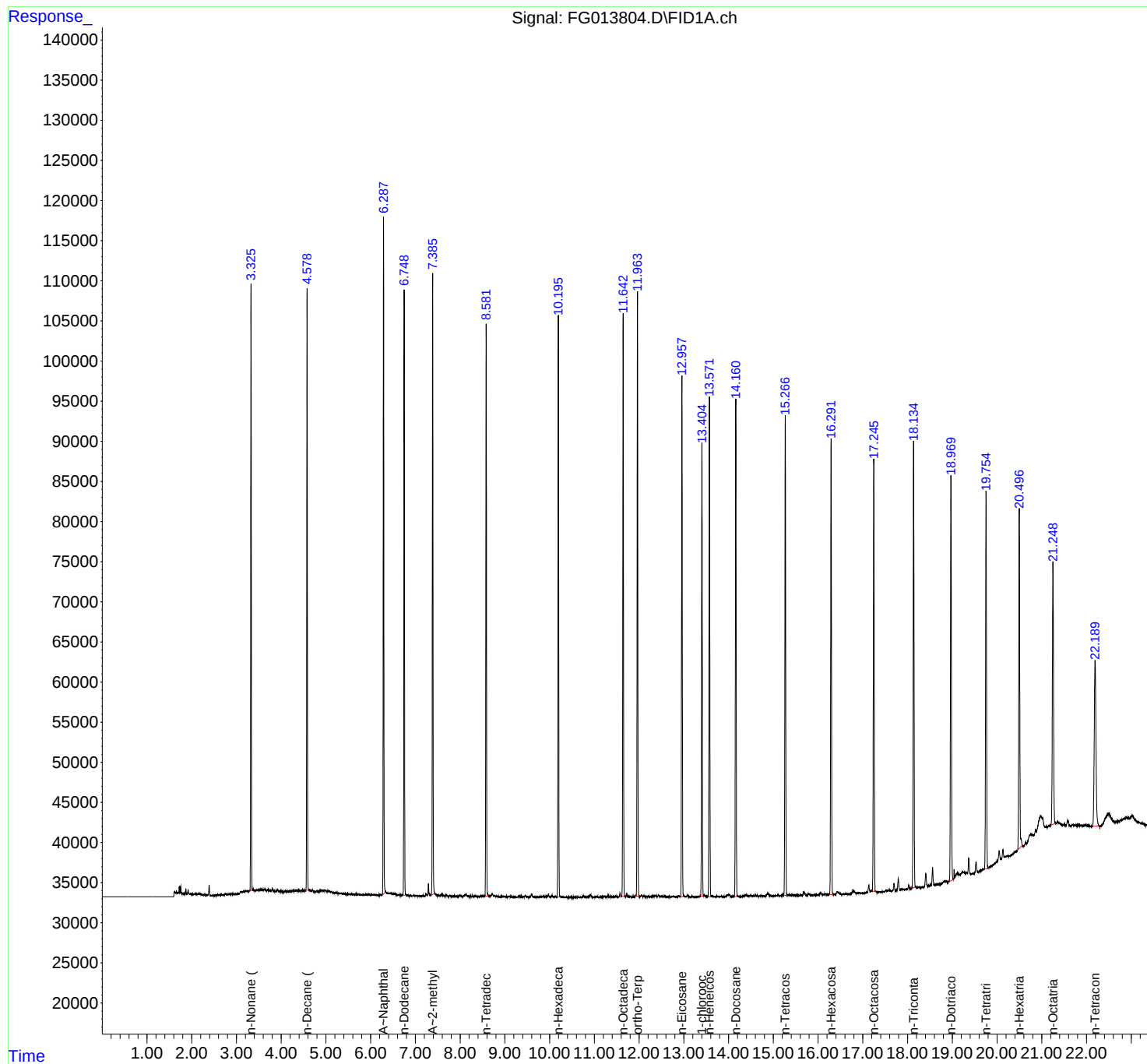
(m)=manual int.

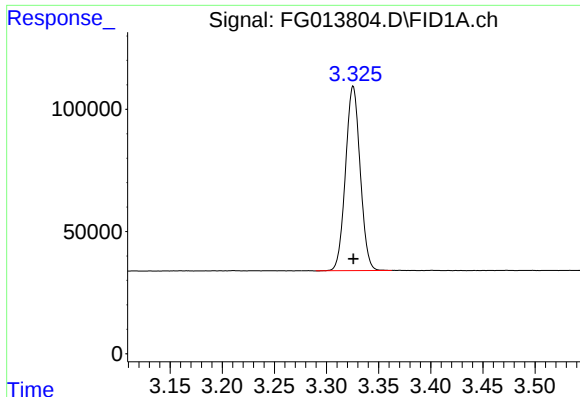
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
Data File : FG013804.D
Signal(s) : FID1A.ch
Acq On : 10 May 2024 15:32
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC H STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC H STD5

Integration File: autoint1.e
Quant Time: May 10 16:03:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.M
Quant Title : GC Extractables
QLast Update : Fri May 10 15:56:52 2024
Response via : Initial Calibration
Integrator: ChemStation

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

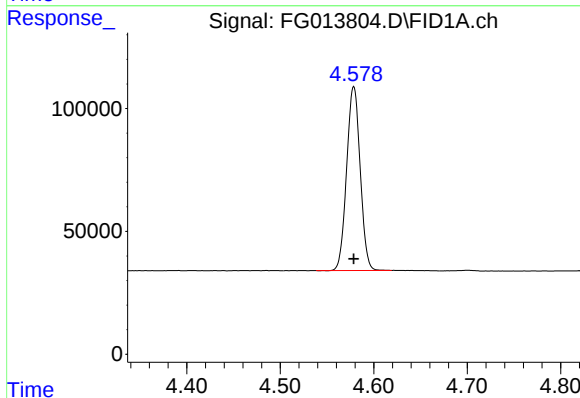




#1 n-Nonane (C9)

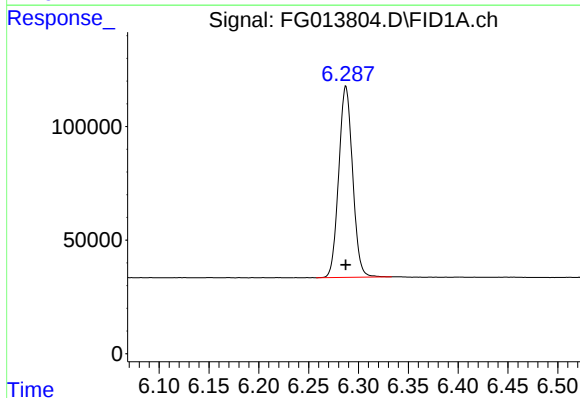
R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 737672
Conc: 5.55 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC H STD5



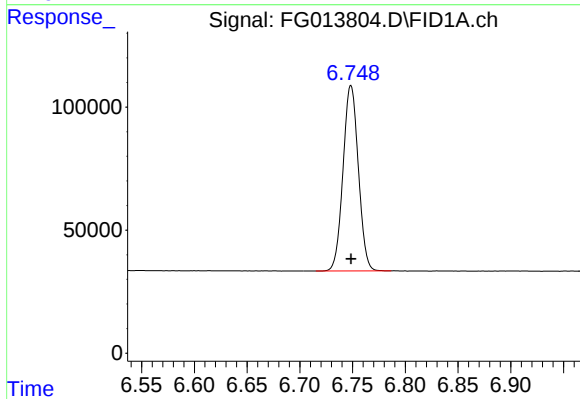
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 754872
Conc: 5.55 ug/ml



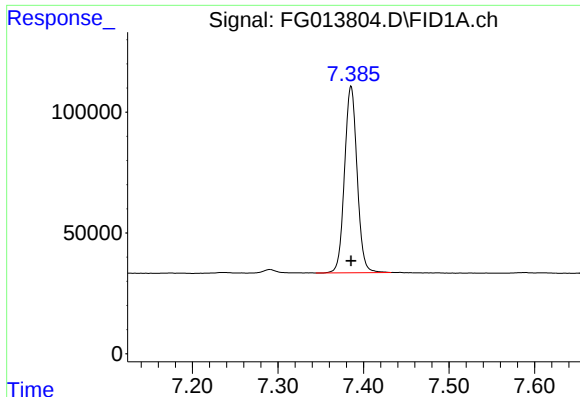
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 816123
Conc: 5.52 ug/ml



#4 n-Dodecane (C12)

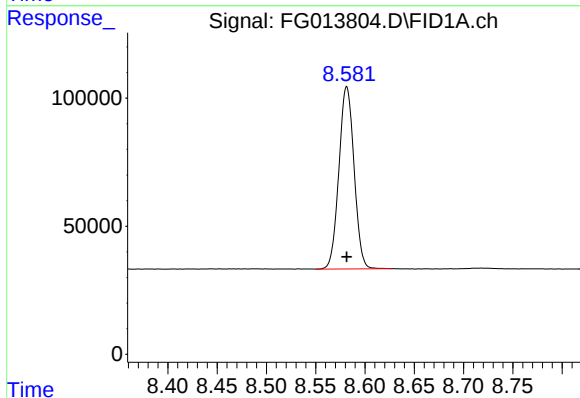
R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 760481
Conc: 5.54 ug/ml



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

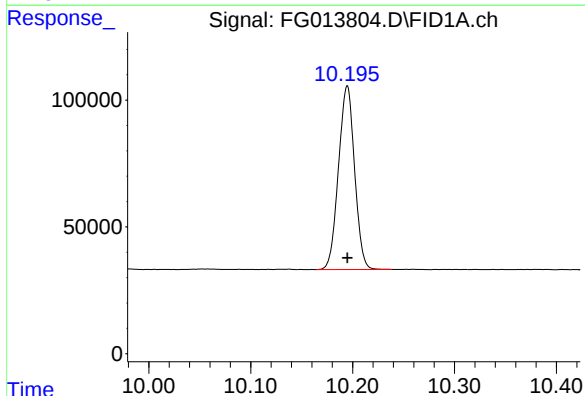
R.T.: 7.385 min
Delta R.T.: 0.000 min
Response: 788798
Conc: 5.50 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC H STD5



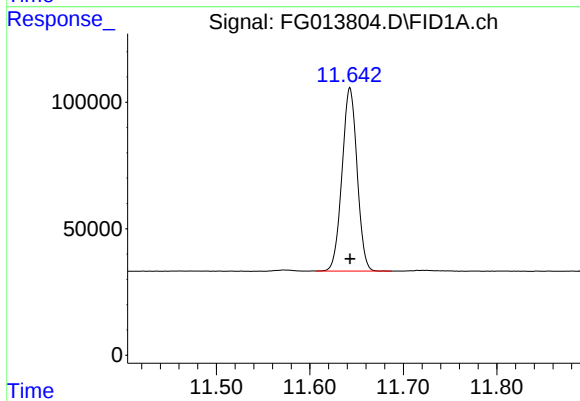
#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 762094
Conc: 5.57 ug/ml



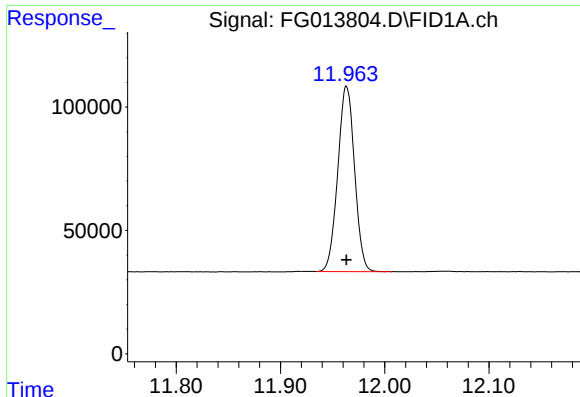
#7 n-Hexadecane (C16)

R.T.: 10.195 min
Delta R.T.: 0.000 min
Response: 794734
Conc: 5.56 ug/ml



#8 n-Octadecane (C18)

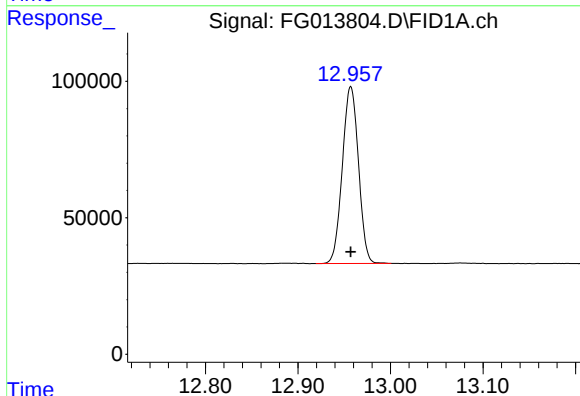
R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 811363
Conc: 5.57 ug/ml



#9 ortho-Terphenyl (SURR)

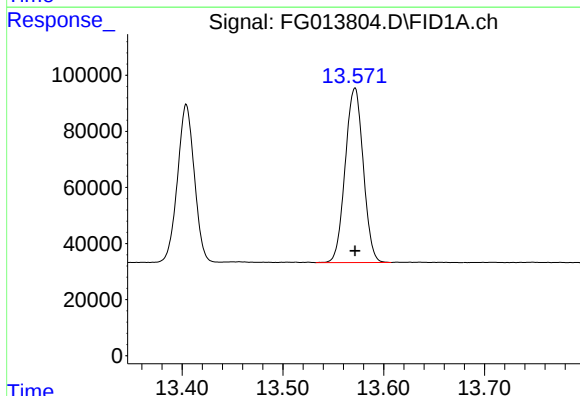
R.T.: 11.963 min
Delta R.T.: 0.000 min
Response: 840560
Conc: 5.55 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC H STD5



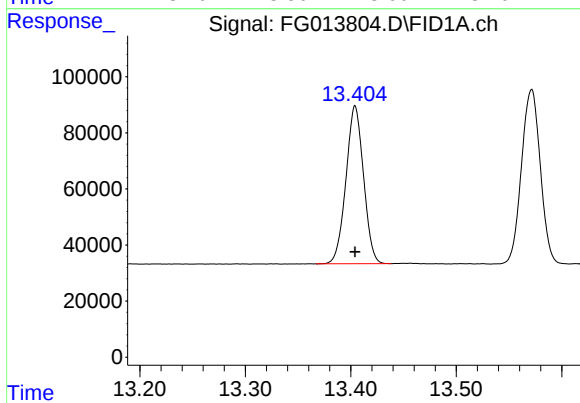
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: 0.000 min
Response: 785408
Conc: 5.57 ug/ml



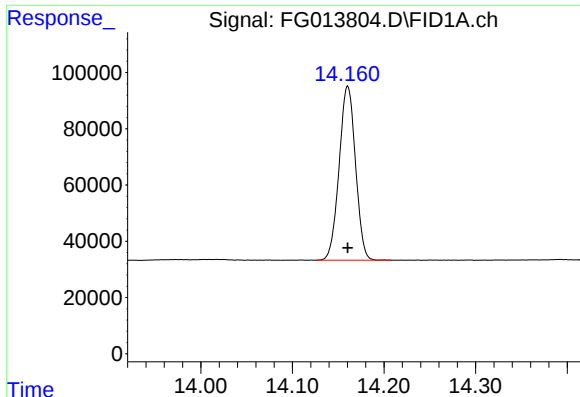
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: 0.000 min
Response: 773991
Conc: 5.57 ug/ml



#12 1-chlorooctadecane (SURR)

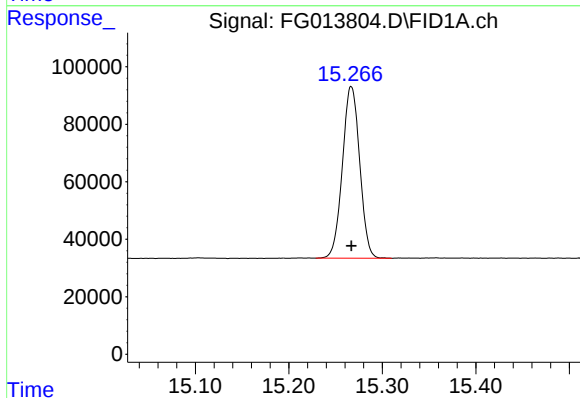
R.T.: 13.404 min
Delta R.T.: 0.000 min
Response: 651729
Conc: 5.52 ug/ml



#13 n-Docosane (C22)

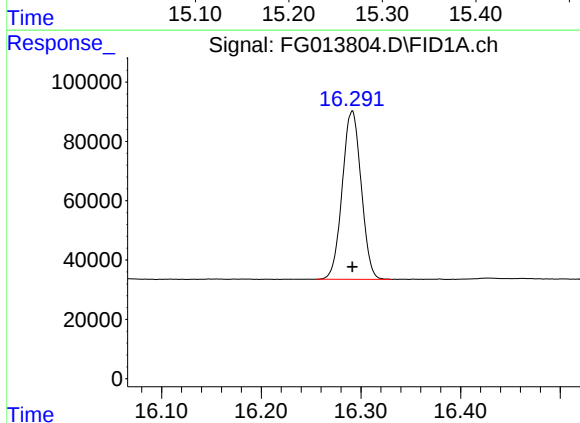
R.T.: 14.160 min
Delta R.T.: 0.000 min
Response: 768312
Conc: 5.56 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC H STD5



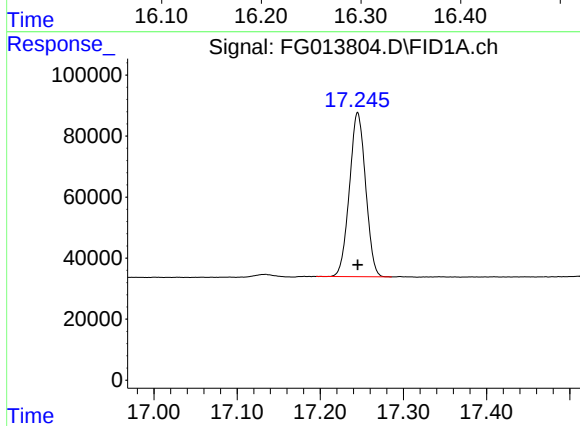
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: 0.000 min
Response: 767764
Conc: 5.56 ug/ml



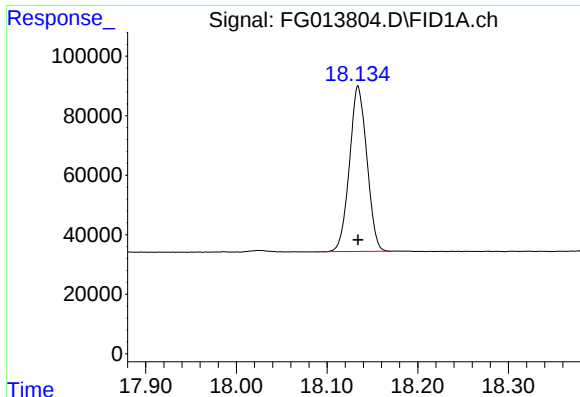
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: 0.000 min
Response: 748106
Conc: 5.54 ug/ml



#16 n-Octacosane (C28)

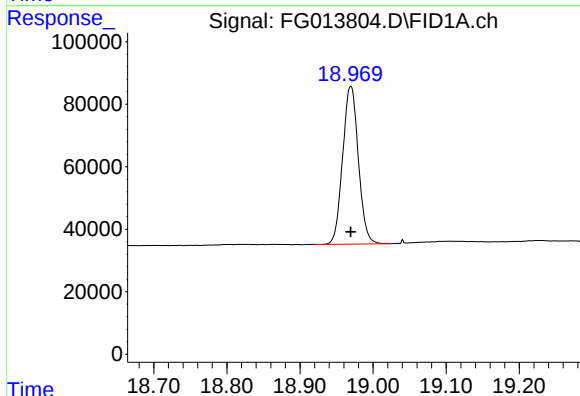
R.T.: 17.245 min
Delta R.T.: 0.000 min
Response: 726678
Conc: 5.54 ug/ml



#17 n-Tricontane (C30)

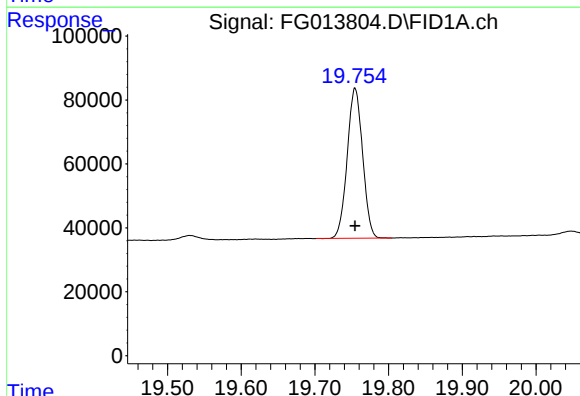
R.T.: 18.134 min
Delta R.T.: 0.000 min
Response: 740342
Conc: 5.61 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC H STD5



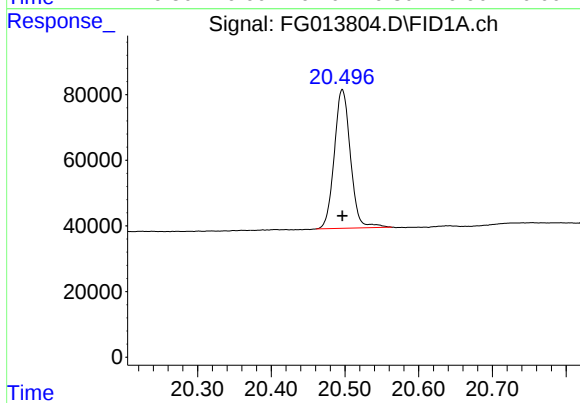
#18 n-Dotriacontane (C32)

R.T.: 18.970 min
Delta R.T.: 0.000 min
Response: 754594
Conc: 5.76 ug/ml



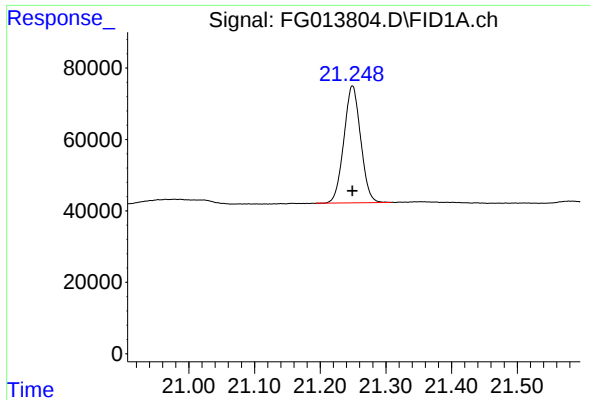
#19 n-Tetratriacontane (C34)

R.T.: 19.755 min
Delta R.T.: 0.000 min
Response: 682399
Conc: 5.60 ug/ml



#20 n-Hexatriacontane (C36)

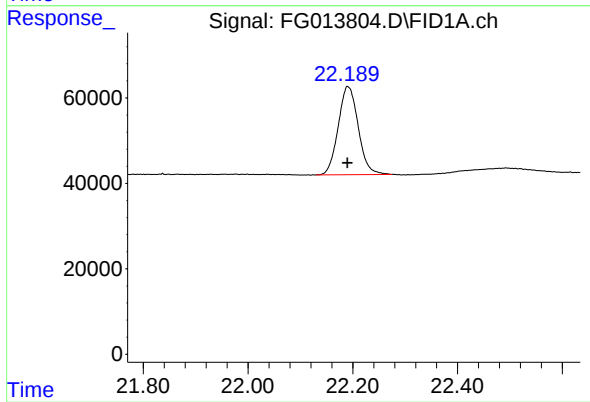
R.T.: 20.496 min
Delta R.T.: 0.000 min
Response: 643072
Conc: 5.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.249 min
Delta R.T.: 0.000 min
Response: 581825
Conc: 5.39 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC H STD5



#22 n-Tetracontane (C40)

R.T.: 22.190 min
Delta R.T.: 0.000 min
Response: 547625
Conc: 5.26 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
Data File : FG013804.D
Signal(s) : FID1A.ch
Acq On : 10 May 2024 15:32
Sample : 5 PPM ALIPHATIC H STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.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	3.326	3.290	3.363	BB	75567	737672	87.76%	4.543%
2	4.579	4.538	4.619	BB	74924	754872	89.81%	4.649%
3	6.287	6.258	6.333	BB	84363	816123	97.09%	5.026%
4	6.749	6.715	6.787	BB	75435	760481	90.47%	4.683%
5	7.385	7.344	7.433	BB	77353	788798	93.84%	4.858%
6	8.582	8.550	8.627	BB	71275	762094	90.66%	4.693%
7	10.195	10.164	10.238	BB	72548	794734	94.55%	4.894%
8	11.643	11.607	11.688	BB	72516	811363	96.53%	4.997%
9	11.963	11.934	12.007	BB	75173	840560	100.00%	5.176%
10	12.957	12.919	13.001	BB	64855	785408	93.44%	4.837%
11	13.404	13.367	13.438	BB	56408	651729	77.54%	4.013%
12	13.572	13.533	13.608	BB	62341	773991	92.08%	4.766%
13	14.160	14.126	14.208	BB	61964	768312	91.40%	4.731%
14	15.267	15.229	15.310	BB	59742	767764	91.34%	4.728%
15	16.291	16.255	16.331	BB	56921	748106	89.00%	4.607%
16	17.245	17.195	17.286	BB	53897	726678	86.45%	4.475%
17	18.134	18.088	18.171	BB	55698	740342	88.08%	4.559%
18	18.970	18.922	19.025	BB	50500	754594	89.77%	4.647%
19	19.755	19.702	19.804	BB	47077	682399	81.18%	4.202%
20	20.496	20.461	20.563	BB	42359	643072	76.51%	3.960%
21	21.249	21.193	21.308	BB	32749	581825	69.22%	3.583%
22	22.190	22.130	22.274	BB	20676	547625	65.15%	3.372%
Sum of corrected areas:						16238539		

Aliphatic EPH 051024.M Fri May 10 16:08:16 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013805.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 16:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 10 16:36:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.M
 Quant Title : GC Extractables
 QLast Update : Fri May 10 16:04:15 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)	11.965	2941032	19.412 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
12) S 1-chlorooctadecane (S...	13.406	2273521	19.267 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
Target Compounds			
1) T n-Nonane (C9)	3.326	2594196	19.503 ug/ml
2) T n-Decane (C10)	4.580	2648143	19.480 ug/ml
3) T A~Naphthalene (C11.7)	6.287	2873914	19.452 ug/ml
4) T n-Dodecane (C12)	6.750	2674720	19.495 ug/ml
5) T A~2-methylnaphthalene...	7.386	2796171	19.485 ug/ml
6) T n-Tetradecane (C14)	8.583	2667778	19.492 ug/ml
7) T n-Hexadecane (C16)	10.196	2783231	19.488 ug/ml
8) T n-Octadecane (C18)	11.644	2826545	19.404 ug/ml
10) T n-Eicosane (C20)	12.959	2723014	19.317 ug/ml
11) T n-Heneicosane (C21)	13.573	2676911	19.273 ug/ml
13) T n-Docosane (C22)	14.162	2658436	19.227 ug/ml
14) T n-Tetracosane (C24)	15.268	2640508	19.138 ug/ml
15) T n-Hexacosane (C26)	16.293	2577728	19.075 ug/ml
16) T n-Octacosane (C28)	17.246	2498693	19.043 ug/ml
17) T n-Tricontane (C30)	18.137	2493046	18.886 ug/ml
18) T n-Dotriacontane (C32)	18.971	2436272	18.594 ug/ml
19) T n-Tetratriacontane (C34)	19.756	2296694	18.832 ug/ml
20) T n-Hexatriacontane (C36)	20.497	2172741	18.837 ug/ml
21) T n-Octatriacontane (C38)	21.251	2067554	19.142 ug/ml
22) T n-Tetracontane (C40)	22.196	1940422	18.655 ug/ml

(f)=RT Delta > 1/2 Window

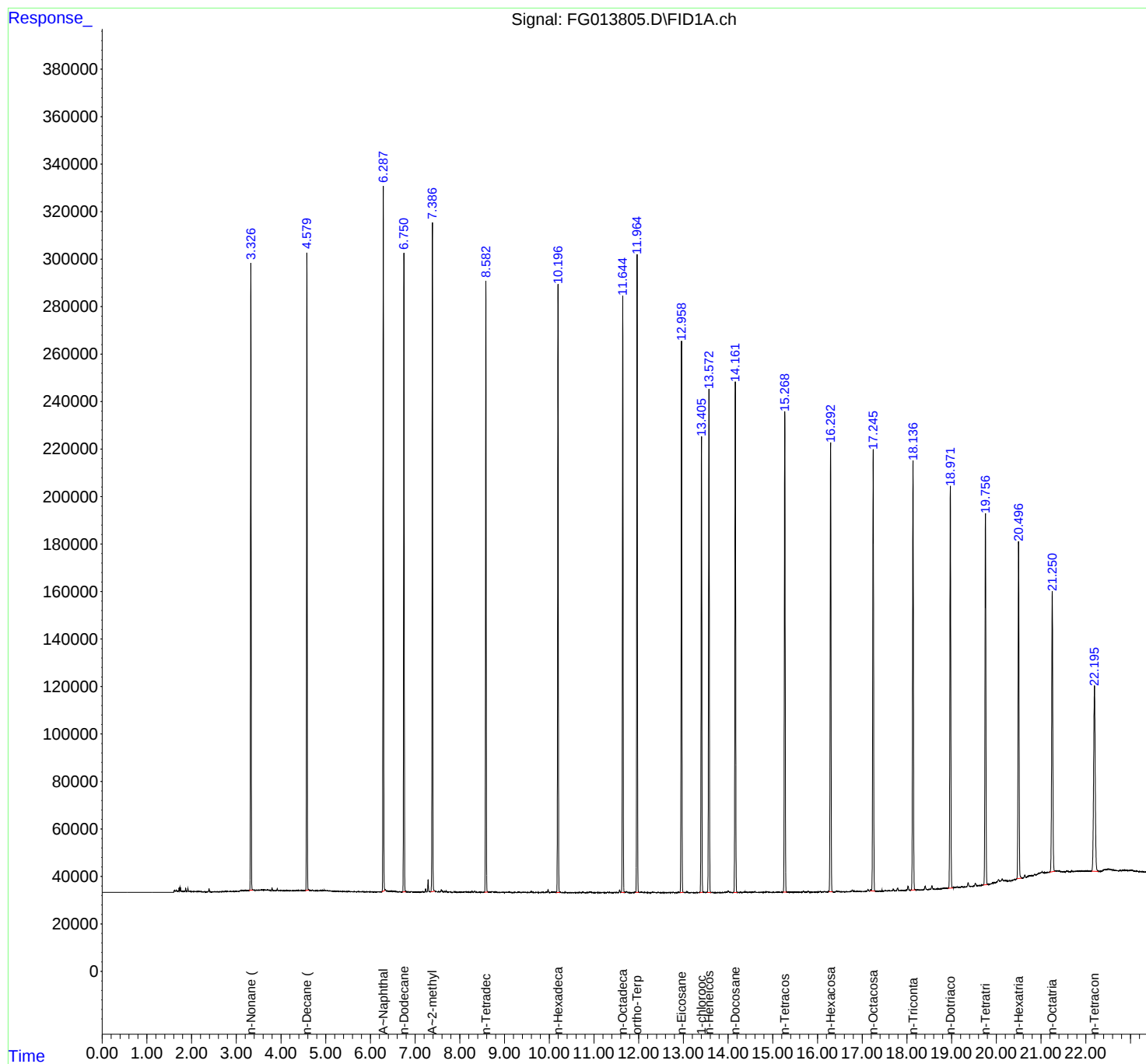
(m)=manual int.

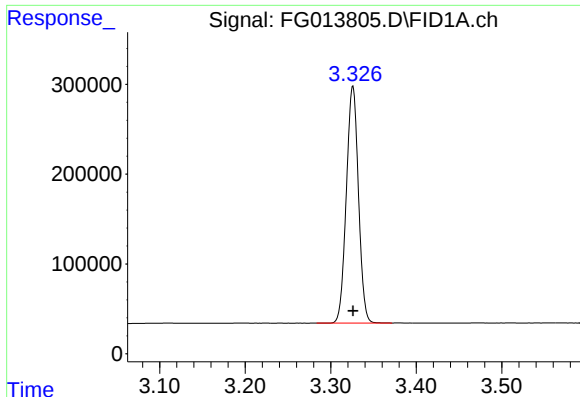
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
Data File : FG013805.D
Signal(s) : FID1A.ch
Acq On : 10 May 2024 16:01
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: May 10 16:36:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.M
Quant Title : GC Extractables
QLast Update : Fri May 10 16:04:15 2024
Response via : Initial Calibration
Integrator: ChemStation

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

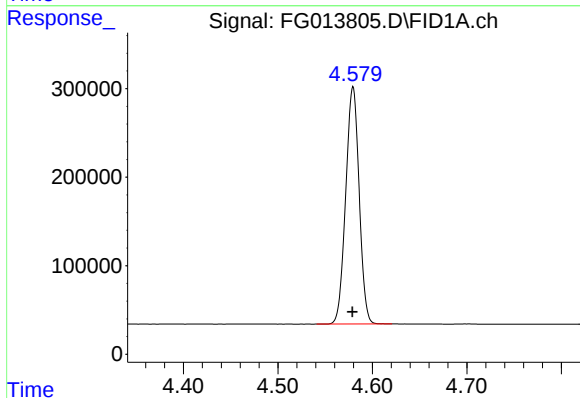




#1 n-Nonane (C9)

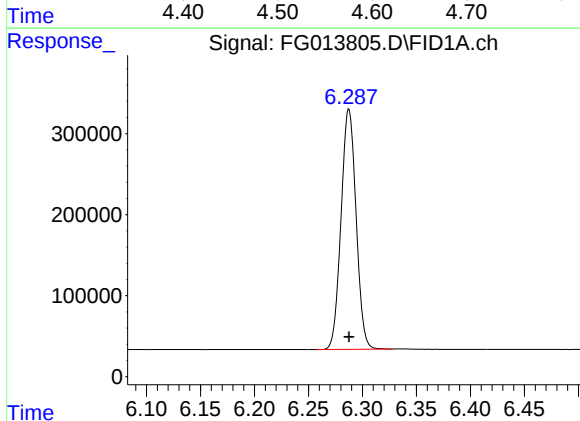
R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 2594196
Conc: 19.50 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



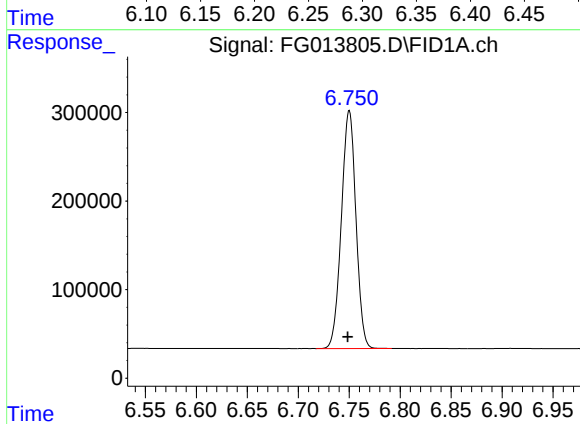
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 2648143
Conc: 19.48 ug/ml



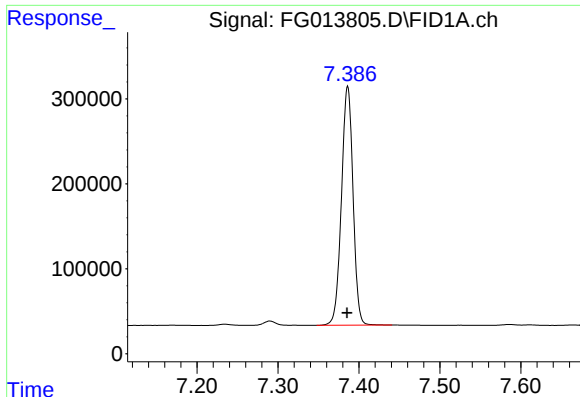
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 2873914
Conc: 19.45 ug/ml



#4 n-Dodecane (C12)

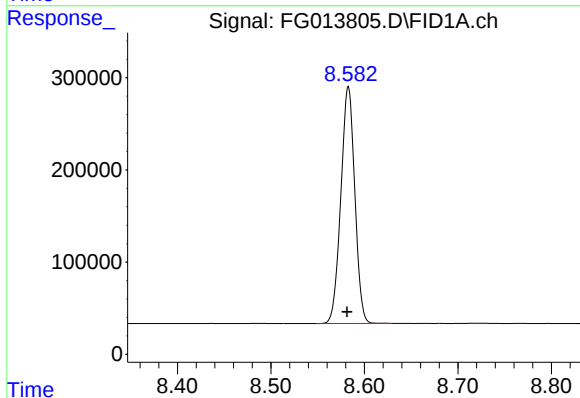
R.T.: 6.750 min
Delta R.T.: 0.002 min
Response: 2674720
Conc: 19.50 ug/ml



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

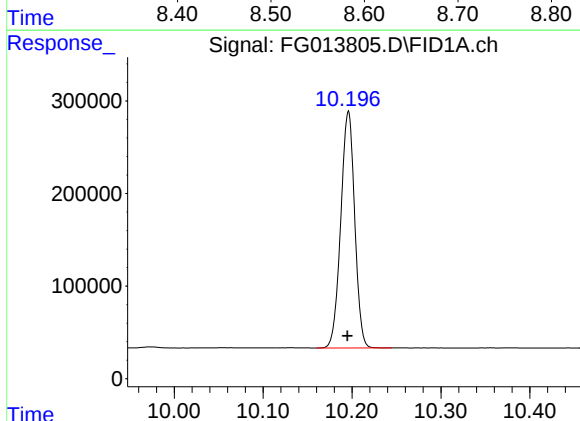
R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 2796171
Conc: 19.48 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



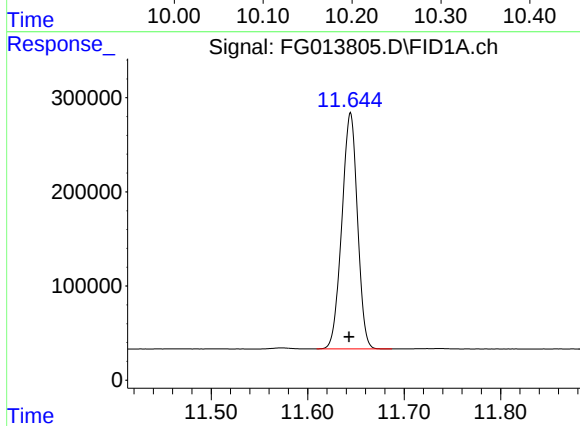
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: 0.001 min
Response: 2667778
Conc: 19.49 ug/ml



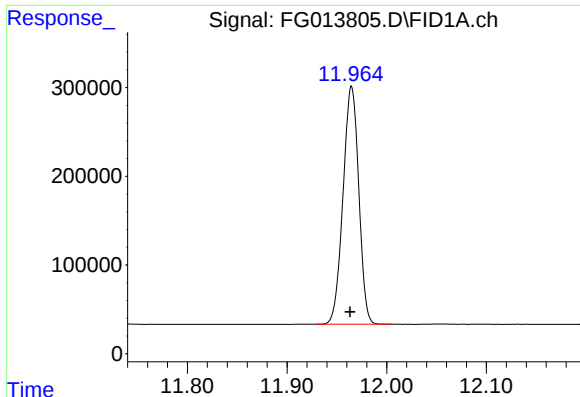
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: 0.001 min
Response: 2783231
Conc: 19.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.644 min
Delta R.T.: 0.002 min
Response: 2826545
Conc: 19.40 ug/ml



#9 ortho-Terphenyl (SURR)

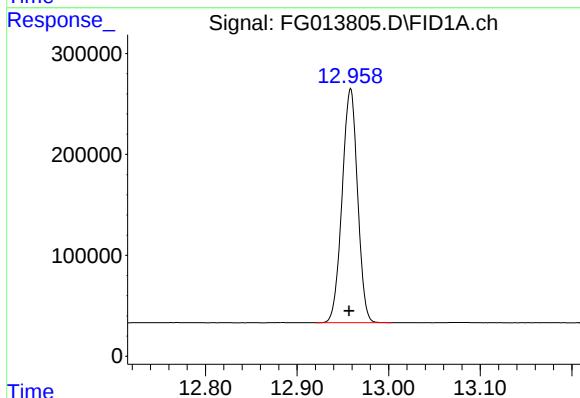
R.T.: 11.965 min
Delta R.T.: 0.001 min
Response: 2941032
Conc: 19.41 ug/ml

Instrument :

FID_G

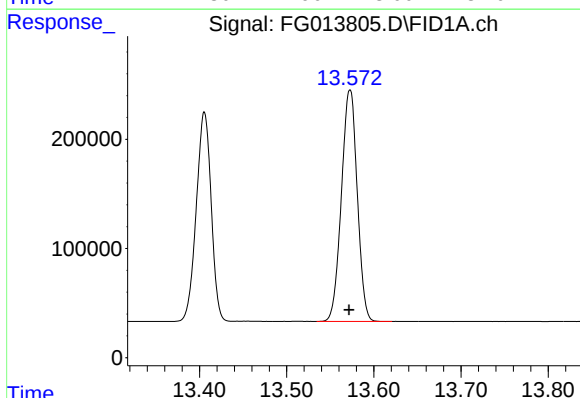
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



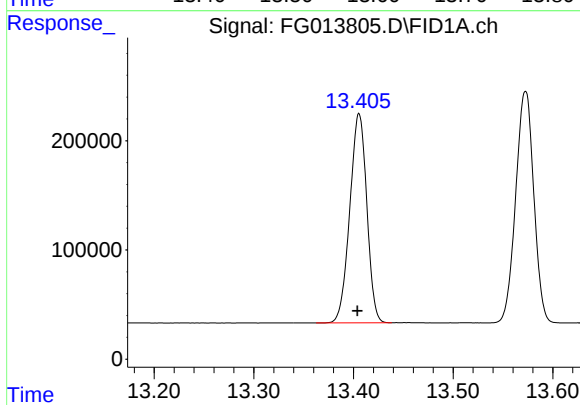
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: 0.001 min
Response: 2723014
Conc: 19.32 ug/ml



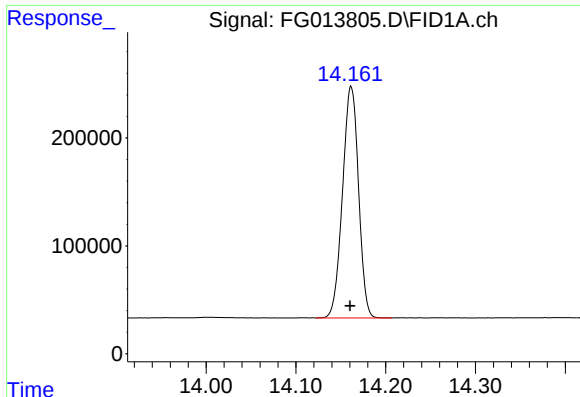
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: 0.001 min
Response: 2676911
Conc: 19.27 ug/ml



#12 1-chlorooctadecane (SURR)

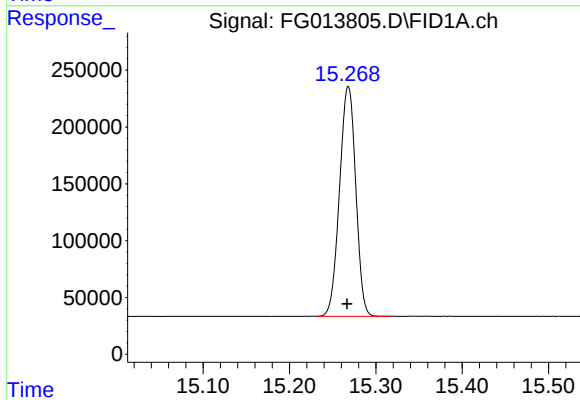
R.T.: 13.406 min
Delta R.T.: 0.002 min
Response: 2273521
Conc: 19.27 ug/ml



#13 n-Docosane (C22)

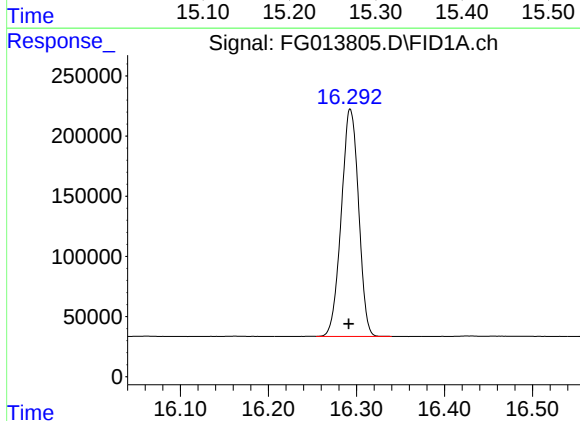
R.T.: 14.162 min
Delta R.T.: 0.001 min
Response: 2658436
Conc: 19.23 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



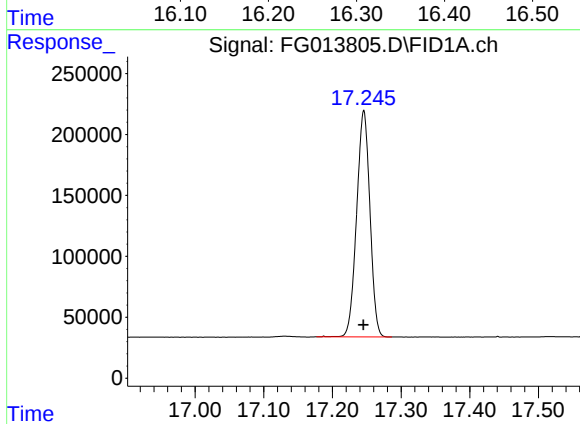
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.001 min
Response: 2640508
Conc: 19.14 ug/ml



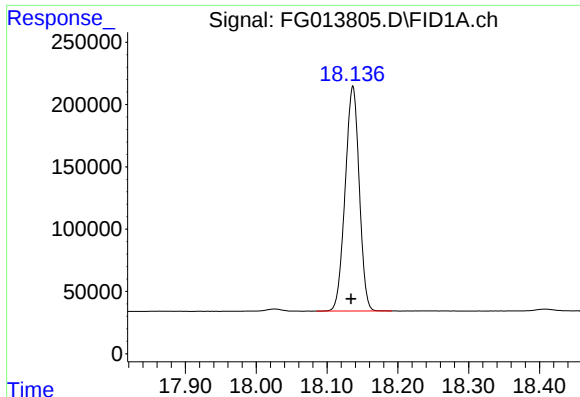
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: 0.002 min
Response: 2577728
Conc: 19.08 ug/ml



#16 n-Octacosane (C28)

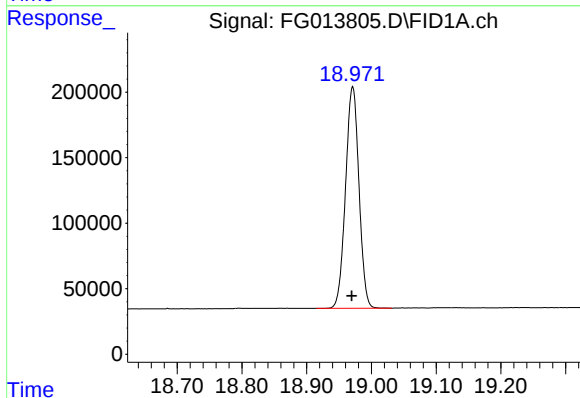
R.T.: 17.246 min
Delta R.T.: 0.000 min
Response: 2498693
Conc: 19.04 ug/ml



#17 n-Tricontane (C30)

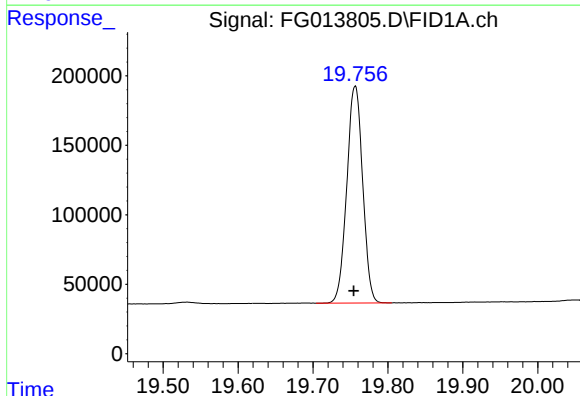
R.T.: 18.137 min
Delta R.T.: 0.002 min
Response: 2493046
Conc: 18.89 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



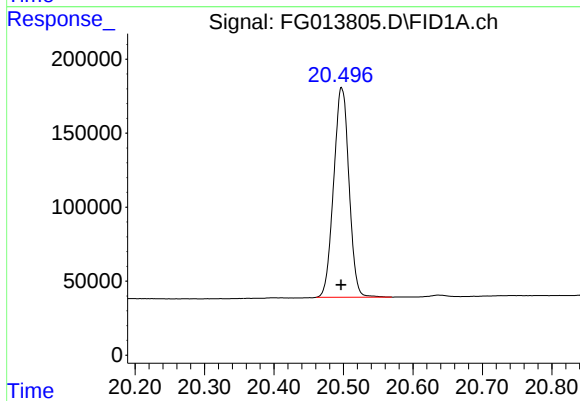
#18 n-Dotriacontane (C32)

R.T.: 18.971 min
Delta R.T.: 0.002 min
Response: 2436272
Conc: 18.59 ug/ml



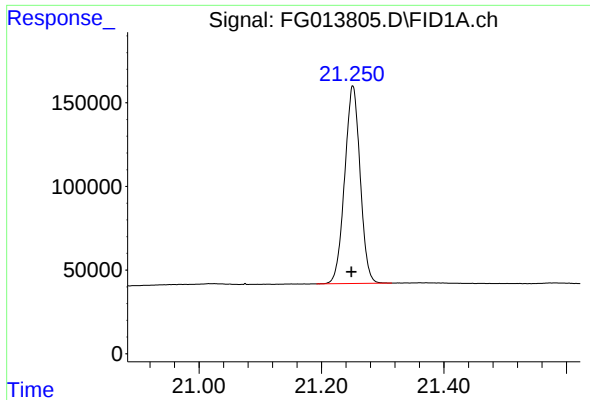
#19 n-Tetratriacontane (C34)

R.T.: 19.756 min
Delta R.T.: 0.002 min
Response: 2296694
Conc: 18.83 ug/ml



#20 n-Hexatriacontane (C36)

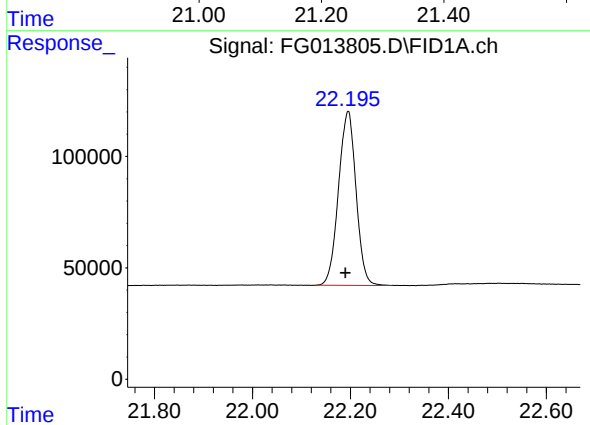
R.T.: 20.497 min
Delta R.T.: 0.000 min
Response: 2172741
Conc: 18.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.251 min
Delta R.T.: 0.002 min
Response: 2067554
Conc: 19.14 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.196 min
Delta R.T.: 0.006 min
Response: 1940422
Conc: 18.65 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
Data File : FG013805.D
Signal(s) : FID1A.ch
Acq On : 10 May 2024 16:01
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.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	3.326	3.283	3.372	BB	264109	2594196	88.21%	4.611%
2	4.580	4.541	4.621	BB	268056	2648143	90.04%	4.707%
3	6.288	6.258	6.328	BB	296818	2873914	97.72%	5.108%
4	6.750	6.718	6.792	BB	269036	2674720	90.94%	4.754%
5	7.386	7.348	7.441	BB	281444	2796171	95.07%	4.970%
6	8.583	8.548	8.629	BB	257112	2667778	90.71%	4.742%
7	10.196	10.160	10.245	BB	255829	2783231	94.63%	4.947%
8	11.644	11.609	11.688	BB	251045	2826545	96.11%	5.024%
9	11.965	11.929	12.005	BB	268100	2941032	100.00%	5.227%
10	12.959	12.921	13.003	BB	232064	2723014	92.59%	4.840%
11	13.406	13.363	13.438	BB	191716	2273521	77.30%	4.041%
12	13.573	13.534	13.621	BB	212075	2676911	91.02%	4.758%
13	14.162	14.123	14.207	BB	214585	2658436	90.39%	4.725%
14	15.268	15.231	15.318	BB	202247	2640508	89.78%	4.693%
15	16.293	16.254	16.340	BB	189024	2577728	87.65%	4.582%
16	17.246	17.177	17.287	BB	186155	2498693	84.96%	4.441%
17	18.137	18.085	18.192	BB	180711	2493046	84.77%	4.431%
18	18.971	18.915	19.032	BB	169305	2436272	82.84%	4.330%
19	19.756	19.704	19.805	BB	156357	2296694	78.09%	4.082%
20	20.497	20.461	20.570	BBA	141490	2172741	73.88%	3.862%
21	21.251	21.192	21.315	BB	118159	2067554	70.30%	3.675%
22	22.196	22.130	22.284	BB	78121	1940422	65.98%	3.449%
Sum of corrected areas:						56261268		

Aliphatic EPH 051024.M Fri May 10 16:37:15 2024