

Initial Calibration Report for SequenceID : FC092325AL

AreaCount

Parameter Range	FC069825.D	FC069826.D	FC069827.D	FC069828.D	FC069829.D	
Aliphatic C9-C12	36481160.000	19239018.000	8479995.000	3992675.000	2149948.000	
Aliphatic C12-C16	28357328.000	15079775.000	6707361.000	3059370.000	1701298.000	
Aliphatic C16-C21	46795550.000	25342238.000	11726291.000	5161303.000	3079937.000	
Aliphatic C21-C28	60973856.000	33612759.000	16071763.000	6886243.000	4223143.000	
Aliphatic C28-C40	63667378.000	35651403.000	17018918.000	7609564.000	4493535.000	
Aliphatic EPH	236275272.000	128925193.000	60004328.000	26709155.000	15647861.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	133523.2539996	6.773				
Aliphatic C12-C16	156673.343	7.634				
Aliphatic C16-C21	179548.8339996	11.281				
Aliphatic C21-C28	180941.7395	13.444				
Aliphatic C28-C40	128677.0379996	13.615				
Aliphatic EPH	152688.4519996	11.395				

Concentration

Parameter Range	FC069825.D	FC069826.D	FC069827.D	FC069828.D	FC069829.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	FC069825.D	FC069826.D	FC069827.D	FC069828.D	FC069829.D	
Aliphatic C9-C12	121603.866666	128260.120000	141333.250000	133089.166666	143329.866666	
Aliphatic C12-C16	141786.640000	150797.750000	167684.025000	152968.500000	170129.800000	
Aliphatic C16-C21	155985.166666	168948.253333	195438.183333	172043.433333	205329.133333	

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Aliphatic C21-C28	152434.640000	168063.795000	200897.037500	172156.075000	211157.150000	
Aliphatic C28-C40	106112.296666	118838.010000	141824.316666	126826.066666	149784.500000	
Aliphatic EPH	131264.040000	143250.214444	166678.688888	148384.194444	173865.122222	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
 Data File : FC069825.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2025 10:31
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Sep 23 12:42:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 12:38:37 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.674	16923747	91.704 ug/ml
Spiked Amount 50.000		Recovery =	183.41%
12) S 1-chlorooctadecane (S...	13.106	13748454	88.747 ug/ml
Spiked Amount 50.000		Recovery =	177.49%
Target Compounds			
1) T n-Nonane (C9)	3.406	11645434	92.785 ug/ml
2) T n-Decane (C10)	4.479	12074558	92.369 ug/ml
3) T A~Naphthalene (C11.7)	6.074	13540149	92.730 ug/ml
4) T n-Dodecane (C12)	6.502	12761168	92.355 ug/ml
5) T A~2-methylnaphthalene...	7.133	13632065	93.327 ug/ml
6) T n-Tetradecane (C14)	8.300	13524594	92.132 ug/ml
7) T n-Hexadecane (C16)	9.904	14832734	91.181 ug/ml
8) T n-Octadecane (C18)	11.351	15683416	89.705 ug/ml
10) T n-Eicosane (C20)	12.660	15587488	88.548 ug/ml
11) T n-Heneicosane (C21)	13.273	15524646	88.075 ug/ml
13) T n-Docosane (C22)	13.860	15568351	87.640 ug/ml
14) T n-Tetracosane (C24)	14.964	15594950	86.702 ug/ml
15) T n-Hexacosane (C26)	15.985	15226883	85.849 ug/ml
16) T n-Octacosane (C28)	16.936	14583672	84.893 ug/ml
17) T n-Tricontane (C30)	17.824	14231420	84.228 ug/ml
18) T n-Dotriacontane (C32)	18.656	13051710	83.851 ug/ml
19) T n-Tetratriacontane (C34)	19.440	11470497	84.662 ug/ml
20) T n-Hexatriacontane (C36)	20.178	9384313	85.995 ug/ml
21) T n-Octatriacontane (C38)	20.942	8180165	88.372 ug/ml
22) T n-Tetracontane (C40)	21.900	7349273	89.608 ug/ml

(f)=RT Delta > 1/2 Window

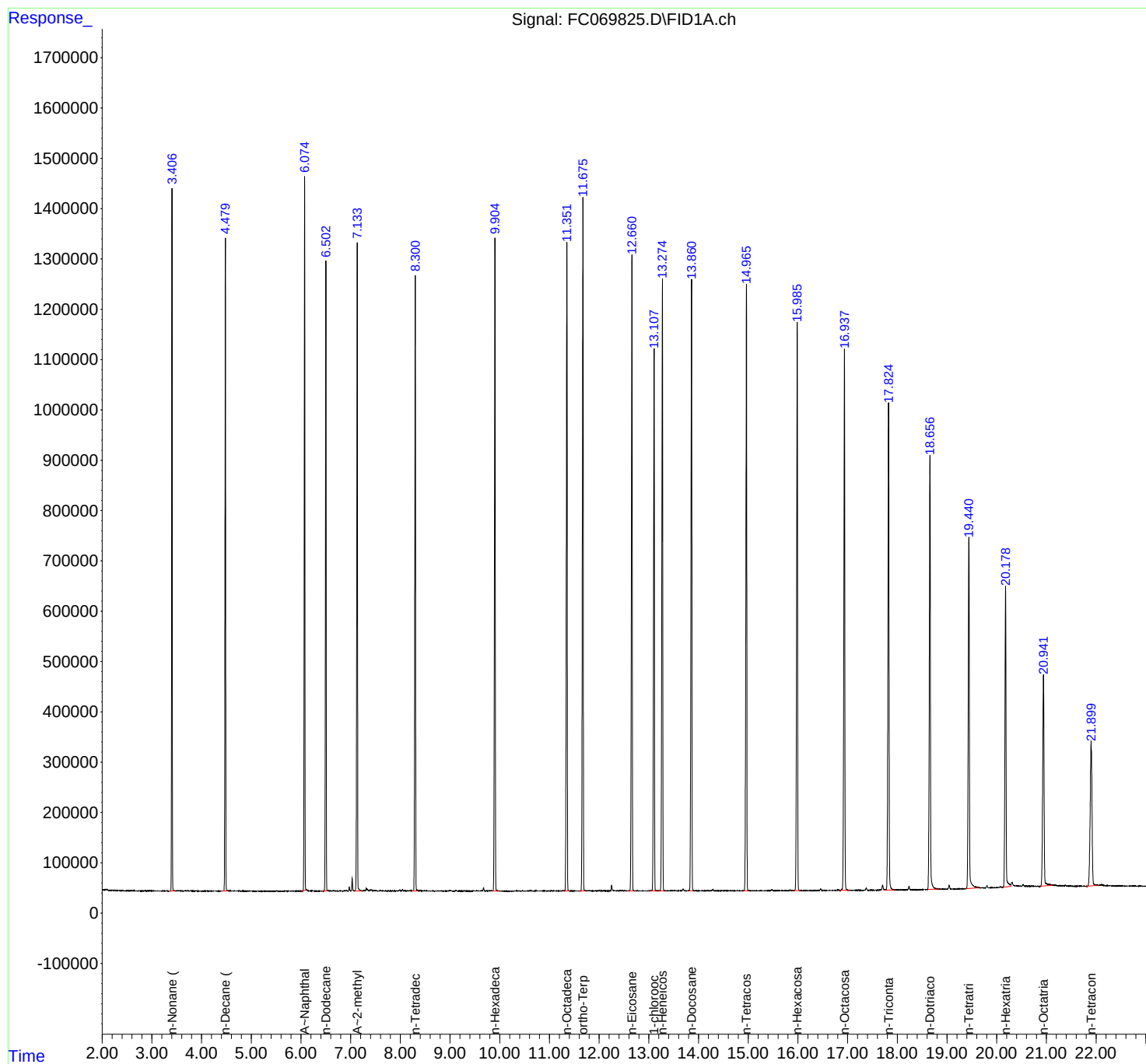
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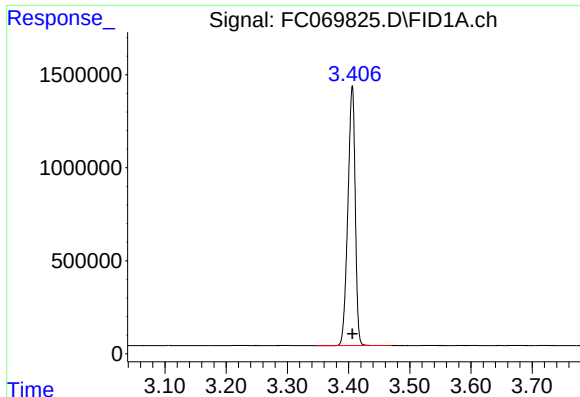
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Data File : FC069825.D
Signal(s) : FID1A.ch
Acq On : 23 Sep 2025 10:31
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Sep 23 12:42:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
Quant Title : GC Extractables
QLast Update : Tue Sep 23 12:38:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

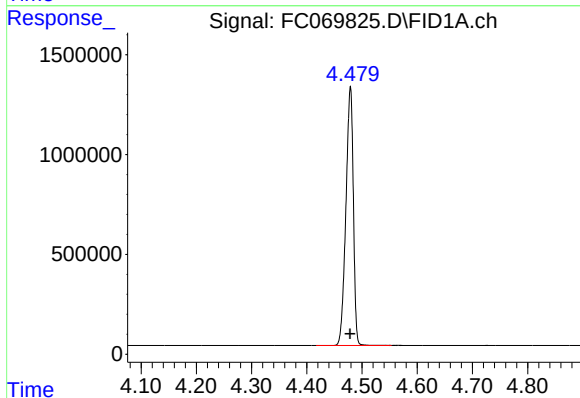




#1 n-Nonane (C9)

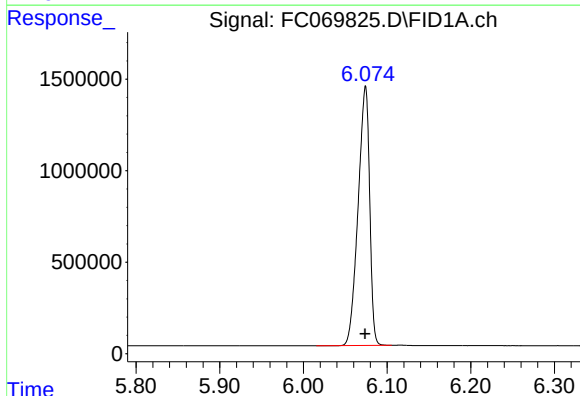
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 11645434
Conc: 92.78 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



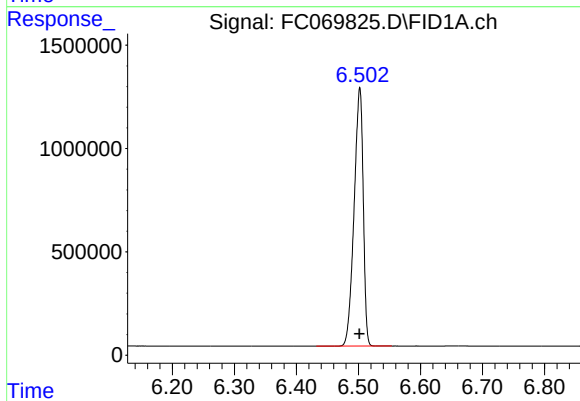
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 12074558
Conc: 92.37 ug/ml



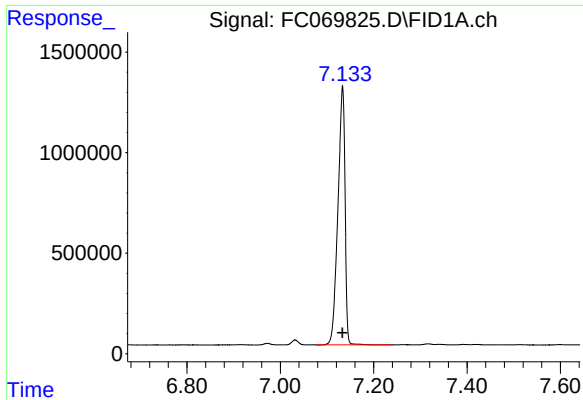
#3 A~Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 13540149
Conc: 92.73 ug/ml



#4 n-Dodecane (C12)

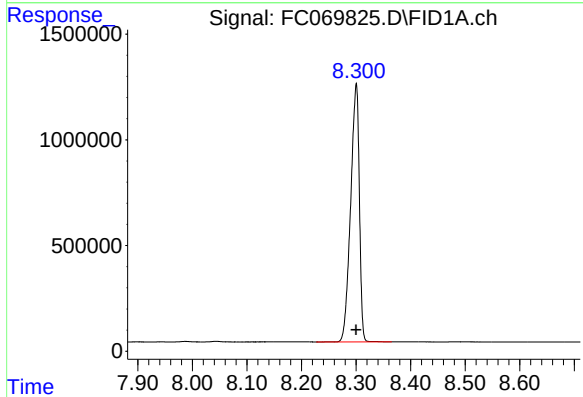
R.T.: 6.502 min
Delta R.T.: 0.000 min
Response: 12761168
Conc: 92.36 ug/ml



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

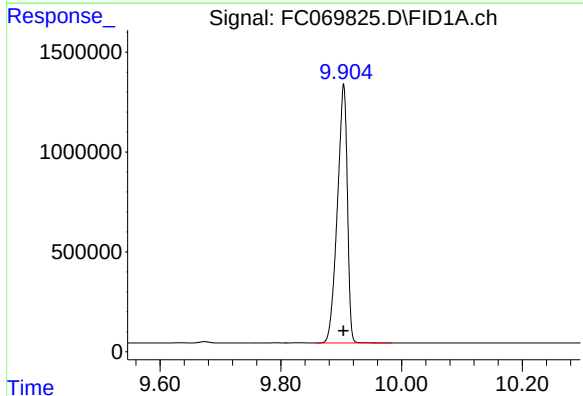
R.T.: 7.133 min
Delta R.T.: 0.000 min
Response: 13632065
Conc: 93.33 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



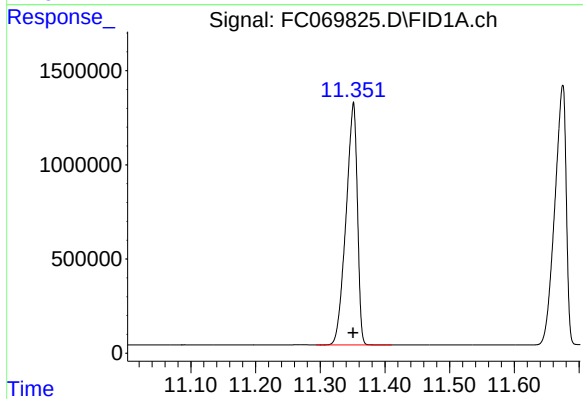
#6 n-Tetradecane (C14)

R.T.: 8.300 min
Delta R.T.: 0.000 min
Response: 13524594
Conc: 92.13 ug/ml



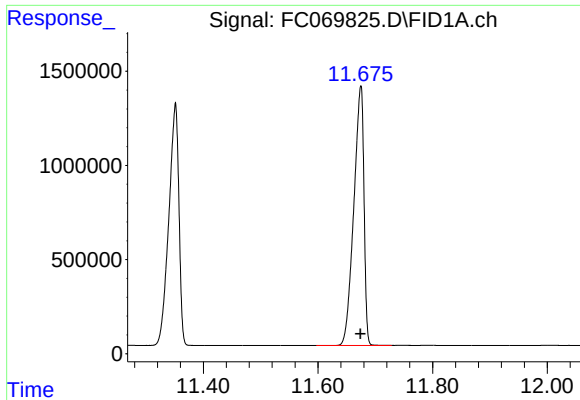
#7 n-Hexadecane (C16)

R.T.: 9.904 min
Delta R.T.: 0.000 min
Response: 14832734
Conc: 91.18 ug/ml



#8 n-Octadecane (C18)

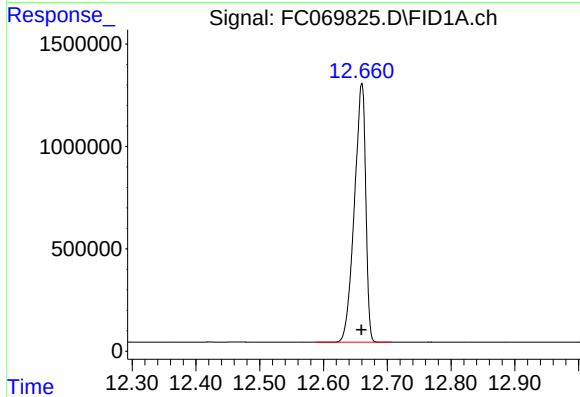
R.T.: 11.351 min
Delta R.T.: 0.000 min
Response: 15683416
Conc: 89.70 ug/ml



#9 ortho-Terphenyl (SURR)

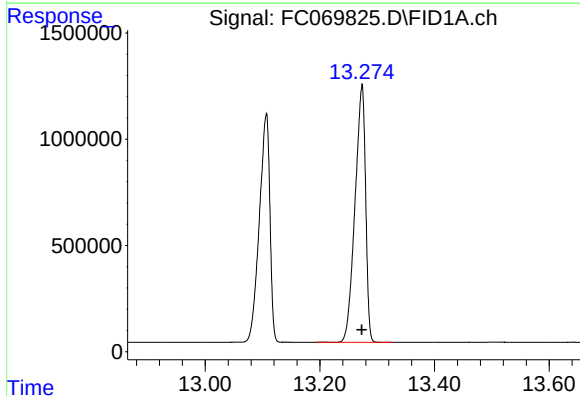
R.T.: 11.674 min
Delta R.T.: 0.000 min
Response: 16923747
Conc: 91.70 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



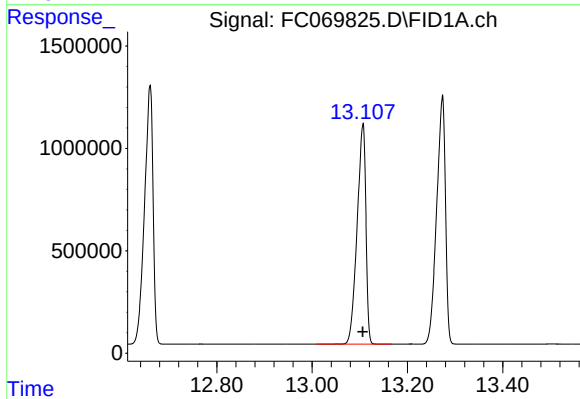
#10 n-Eicosane (C20)

R.T.: 12.660 min
Delta R.T.: 0.000 min
Response: 15587488
Conc: 88.55 ug/ml



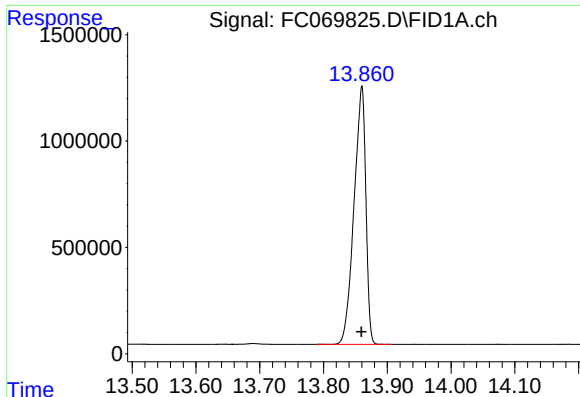
#11 n-Heneicosane (C21)

R.T.: 13.273 min
Delta R.T.: 0.000 min
Response: 15524646
Conc: 88.07 ug/ml



#12 1-chlorooctadecane (SURR)

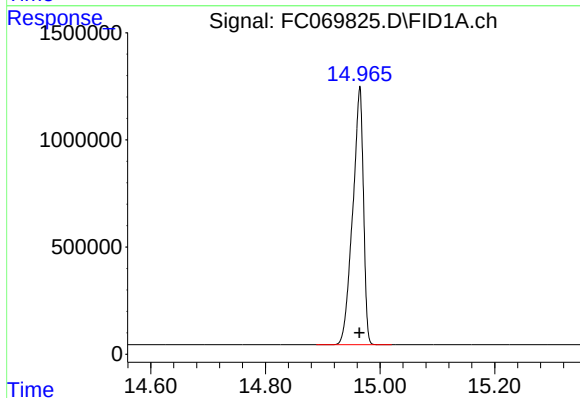
R.T.: 13.106 min
Delta R.T.: 0.000 min
Response: 13748454
Conc: 88.75 ug/ml



#13 n-Docosane (C22)

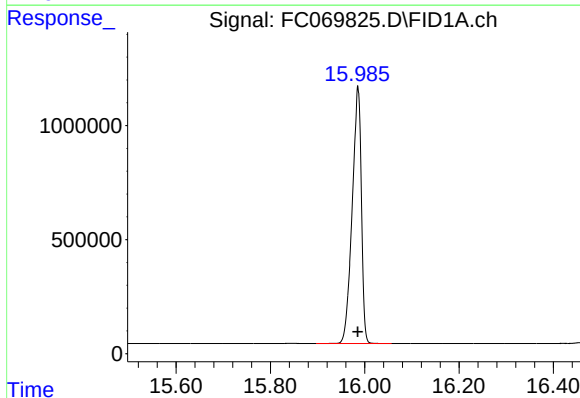
R.T.: 13.860 min
Delta R.T.: 0.000 min
Response: 15568351
Conc: 87.64 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



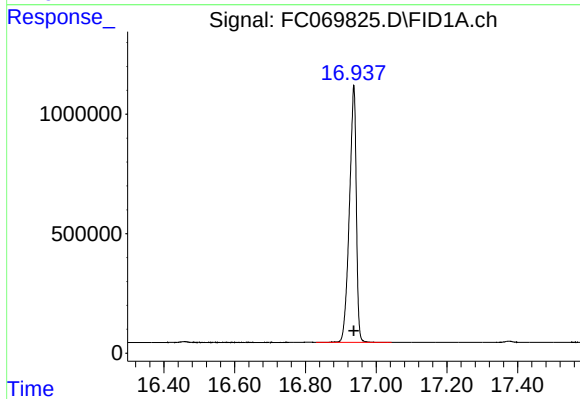
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: 0.000 min
Response: 15594950
Conc: 86.70 ug/ml



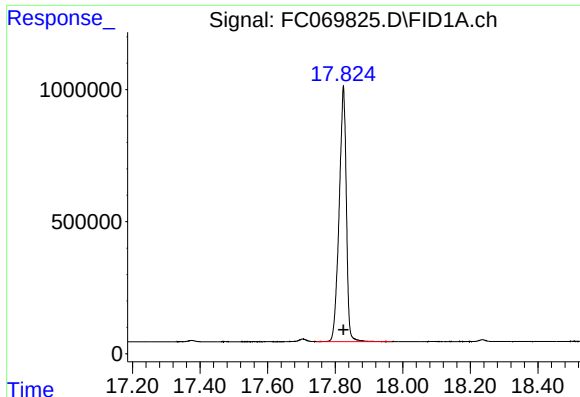
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: 0.000 min
Response: 15226883
Conc: 85.85 ug/ml



#16 n-Octacosane (C28)

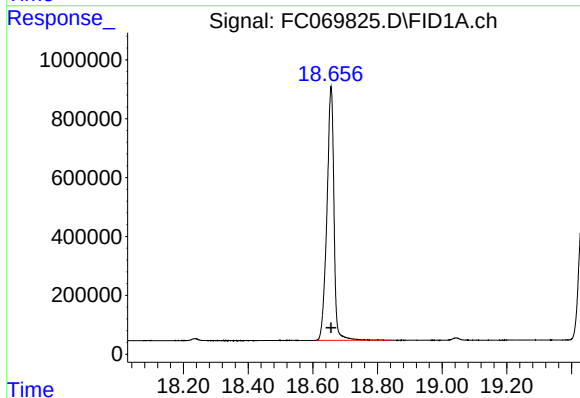
R.T.: 16.936 min
Delta R.T.: 0.000 min
Response: 14583672
Conc: 84.89 ug/ml



#17 n-Tricontane (C30)

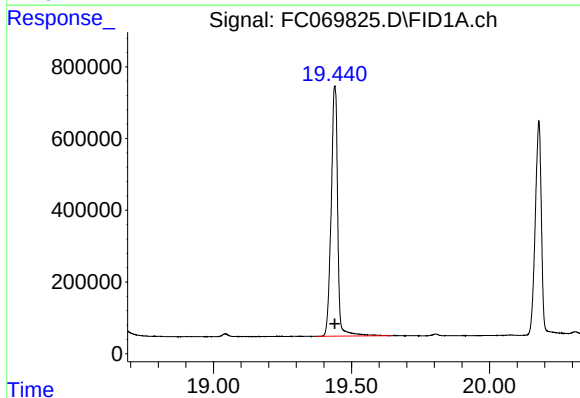
R.T.: 17.824 min
Delta R.T.: 0.000 min
Response: 14231420
Conc: 84.23 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



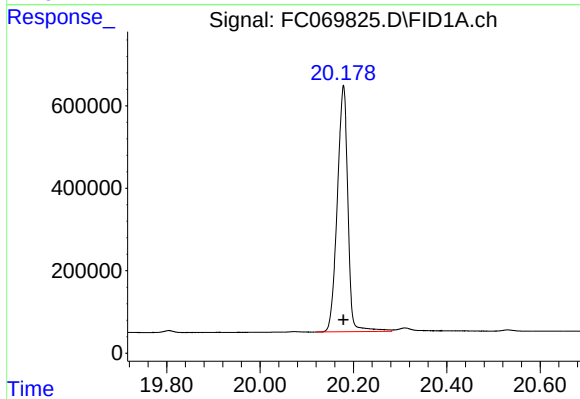
#18 n-Dotriacontane (C32)

R.T.: 18.656 min
Delta R.T.: 0.000 min
Response: 13051710
Conc: 83.85 ug/ml



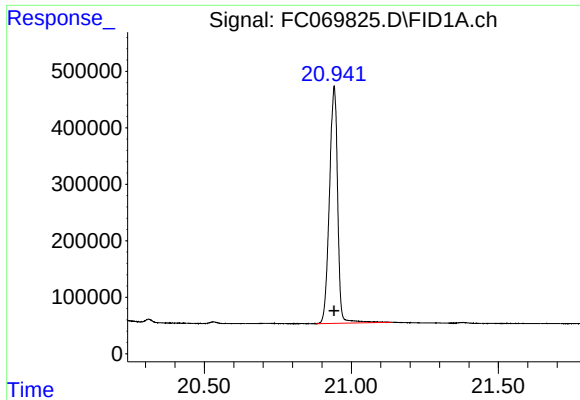
#19 n-Tetratriacontane (C34)

R.T.: 19.440 min
Delta R.T.: 0.000 min
Response: 11470497
Conc: 84.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.178 min
Delta R.T.: 0.000 min
Response: 9384313
Conc: 85.99 ug/ml



#21 n-Octatriacontane (C38)

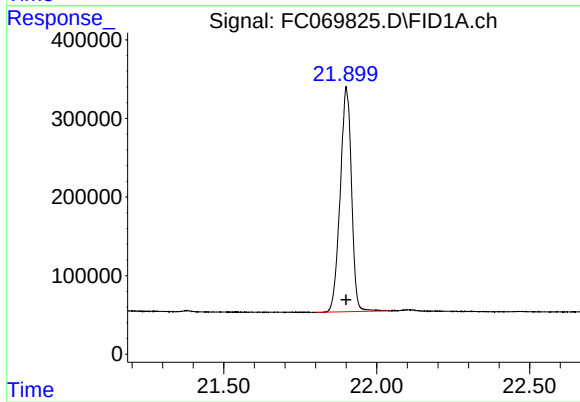
R.T.: 20.942 min
Delta R.T.: 0.000 min
Response: 8180165
Conc: 88.37 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.900 min
Delta R.T.: 0.000 min
Response: 7349273
Conc: 89.61 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
 Data File : FC069825.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2025 10:31
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.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	3.406	3.347	3.470	BB	1388469	11645434	68.81%	3.959%
2	4.479	4.417	4.554	BB	1296834	12074558	71.35%	4.105%
3	6.074	6.015	6.105	BV	1413198	13540149	80.01%	4.604%
4	6.502	6.432	6.554	BB	1254435	12761168	75.40%	4.339%
5	7.133	7.077	7.239	BB	1296551	13632065	80.55%	4.635%
6	8.300	8.227	8.365	BB	1226085	13524594	79.91%	4.598%
7	9.904	9.859	9.984	BB	1297853	14832734	87.64%	5.043%
8	11.351	11.294	11.410	BB	1272818	15683416	92.67%	5.332%
9	11.674	11.597	11.729	BB	1371178	16923747	100.00%	5.754%
10	12.660	12.589	12.707	BB	1266293	15587488	92.10%	5.300%
11	13.106	13.009	13.167	BB	1066658	13748454	81.24%	4.674%
12	13.273	13.194	13.325	BB	1217295	15524646	91.73%	5.278%
13	13.860	13.789	13.907	BB	1221304	15568351	91.99%	5.293%
14	14.964	14.889	15.020	BB	1190857	15594950	92.15%	5.302%
15	15.985	15.897	16.057	BB	1128033	15226883	89.97%	5.177%
16	16.936	16.830	17.044	BB	1078876	14583672	86.17%	4.958%
17	17.824	17.744	17.967	VB	967028	14231420	84.09%	4.839%
18	18.656	18.610	18.844	BB	861293	13051710	77.12%	4.438%
19	19.440	19.372	19.645	BB	698627	11470497	67.78%	3.900%
20	20.178	20.120	20.282	BV	598676	9384313	55.45%	3.191%
21	20.942	20.880	21.137	BB	420473	8180165	48.34%	2.781%
22	21.900	21.802	22.049	BB	286095	7349273	43.43%	2.499%
Sum of corrected areas:						294119687		

Aliphatic EPH 092325.M Tue Sep 23 15:05:00 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
 Data File : FC069826.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2025 11:16
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 23 12:46:38 2025
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Compound	R.T.	Response	Conc Units

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Spiked Amount 50.000		Recovery =	98.09%
12) S 1-chlorooctadecane (S...	13.100	7425577	48.602 ug/ml
Spiked Amount 50.000		Recovery =	97.20%
Target Compounds			
1) T n-Nonane (C9)	3.403	6152543	49.343 ug/ml
2) T n-Decane (C10)	4.475	6373820	49.166 ug/ml
3) T A~Naphthalene (C11.7)	6.069	7155979	49.334 ug/ml
4) T n-Dodecane (C12)	6.498	6712655	49.045 ug/ml
5) T A~2-methylnaphthalene...	7.128	7133568	49.219 ug/ml
6) T n-Tetradecane (C14)	8.295	7146968	49.116 ug/ml
7) T n-Hexadecane (C16)	9.899	7932807	49.170 ug/ml
8) T n-Octadecane (C18)	11.344	8462910	48.926 ug/ml
10) T n-Eicosane (C20)	12.654	8449007	48.646 ug/ml
11) T n-Heneicosane (C21)	13.266	8430321	48.530 ug/ml
13) T n-Docosane (C22)	13.853	8470750	48.432 ug/ml
14) T n-Tetracosane (C24)	14.957	8543618	48.305 ug/ml
15) T n-Hexacosane (C26)	15.980	8419910	48.285 ug/ml
16) T n-Octacosane (C28)	16.929	8178481	48.379 ug/ml
17) T n-Tricontane (C30)	17.819	8058251	48.438 ug/ml
18) T n-Dotriacontane (C32)	18.651	7444649	48.531 ug/ml
19) T n-Tetratriacontane (C34)	19.436	6495279	48.608 ug/ml
20) T n-Hexatriacontane (C36)	20.174	5232913	48.616 ug/ml
21) T n-Octatriacontane (C38)	20.935	4446700	48.675 ug/ml
22) T n-Tetracontane (C40)	21.896	3973611	48.955 ug/ml

(f)=RT Delta > 1/2 Window

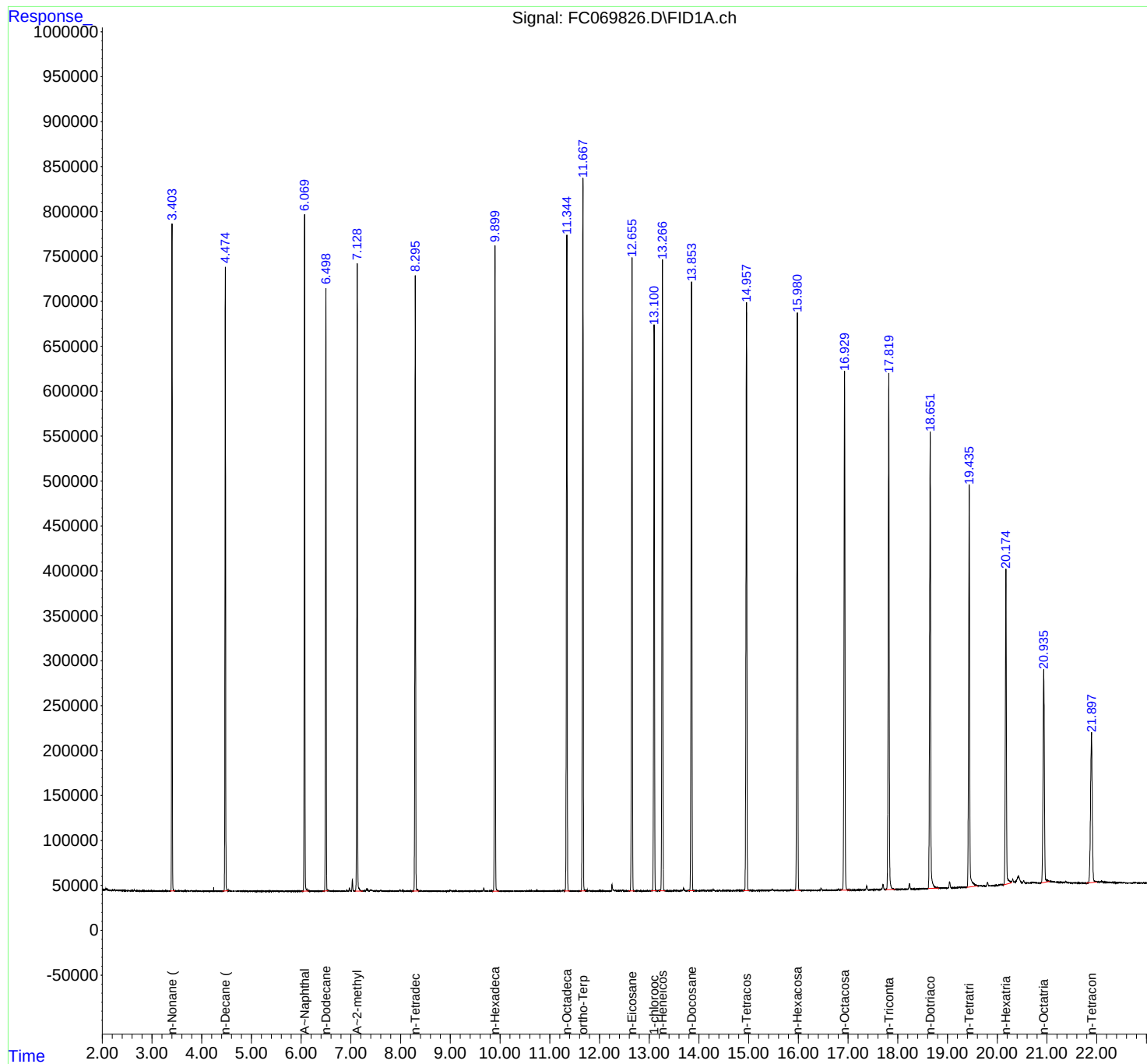
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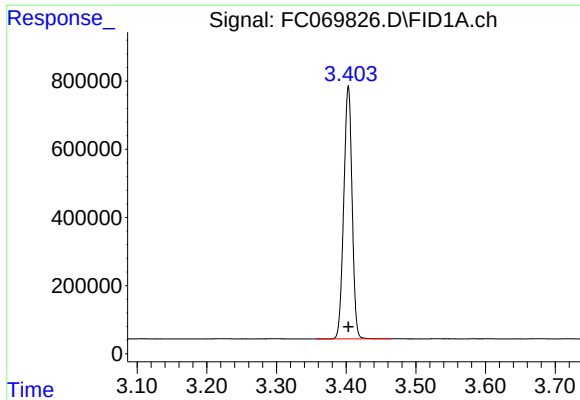
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
Data File : FC069826.D
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Acq On : 23 Sep 2025 11:16
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2

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

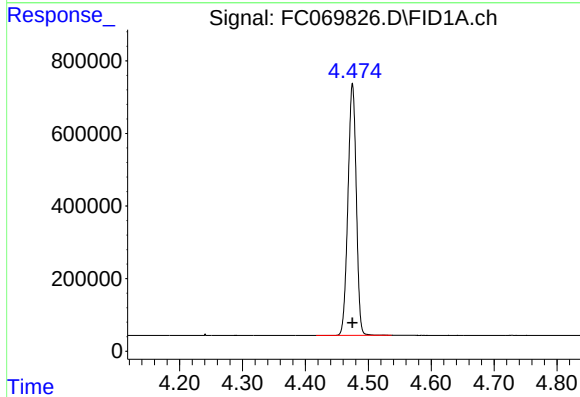




#1 n-Nonane (C9)

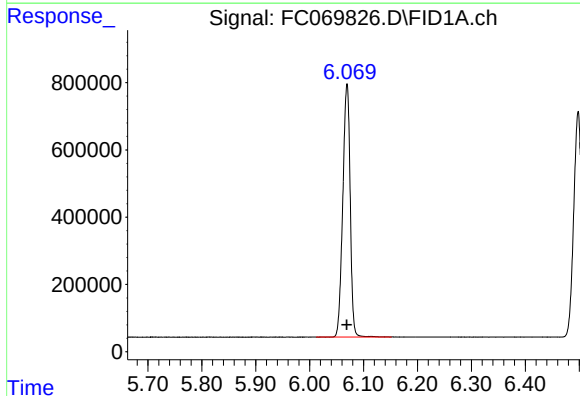
R.T.: 3.403 min
Delta R.T.: 0.000 min
Response: 6152543
Conc: 49.34 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



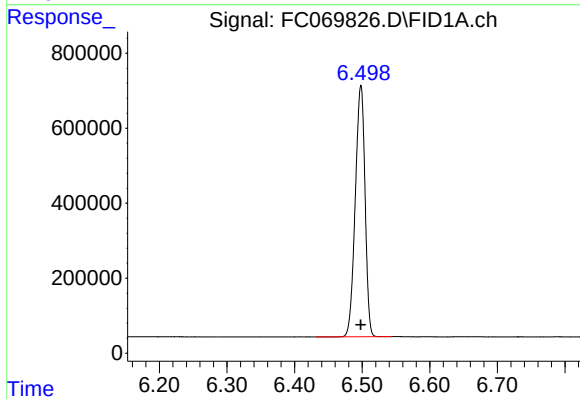
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.000 min
Response: 6373820
Conc: 49.17 ug/ml



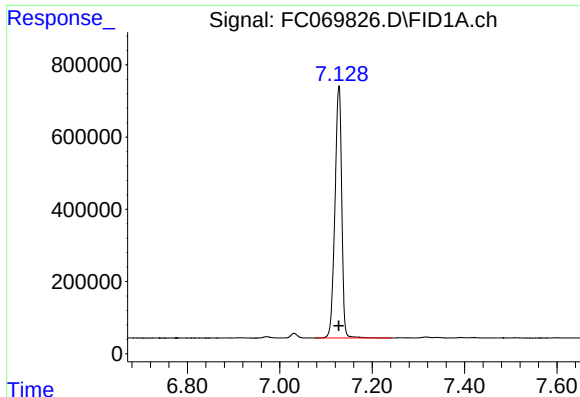
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 7155979
Conc: 49.33 ug/ml



#4 n-Dodecane (C12)

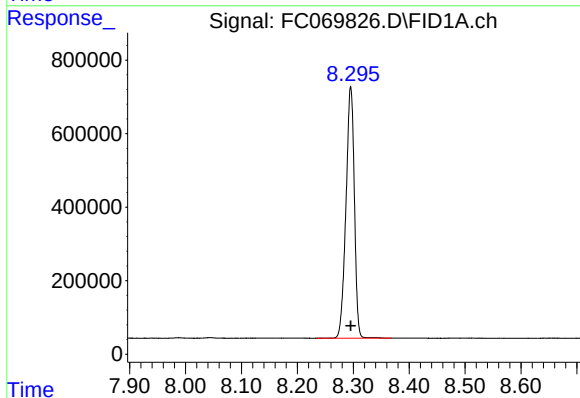
R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 6712655
Conc: 49.04 ug/ml



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

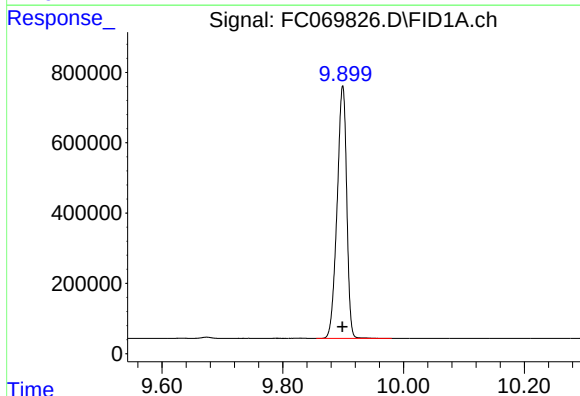
R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 7133568
Conc: 49.22 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



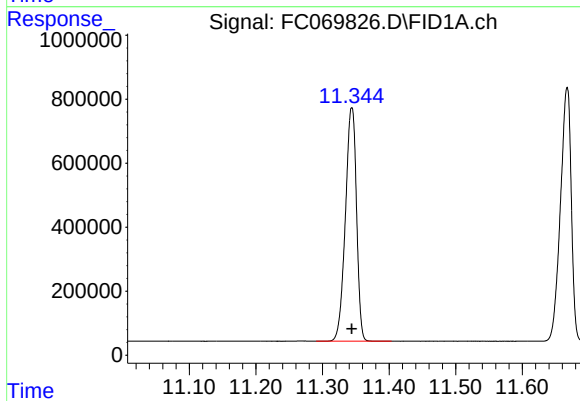
#6 n-Tetradecane (C14)

R.T.: 8.295 min
Delta R.T.: 0.000 min
Response: 7146968
Conc: 49.12 ug/ml



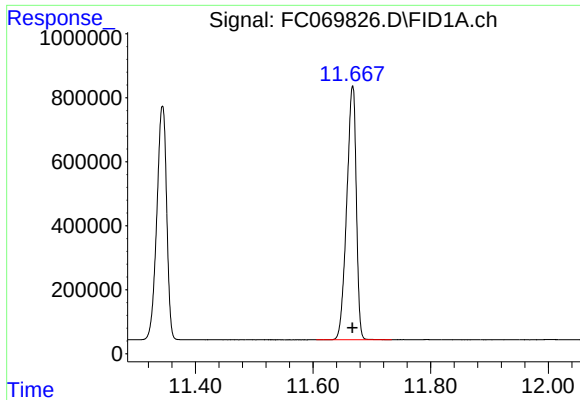
#7 n-Hexadecane (C16)

R.T.: 9.899 min
Delta R.T.: 0.000 min
Response: 7932807
Conc: 49.17 ug/ml



#8 n-Octadecane (C18)

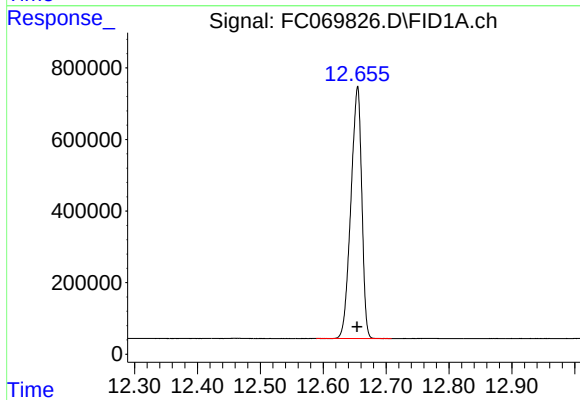
R.T.: 11.344 min
Delta R.T.: 0.000 min
Response: 8462910
Conc: 48.93 ug/ml



#9 ortho-Terphenyl (SURR)

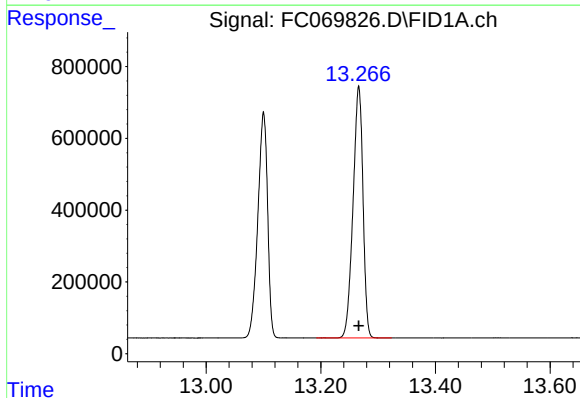
R.T.: 11.667 min
Delta R.T.: 0.000 min
Response: 8965638
Conc: 49.05 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



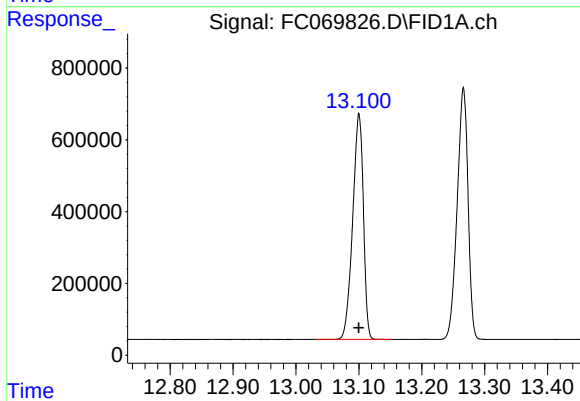
#10 n-Eicosane (C20)

R.T.: 12.654 min
Delta R.T.: 0.000 min
Response: 8449007
Conc: 48.65 ug/ml



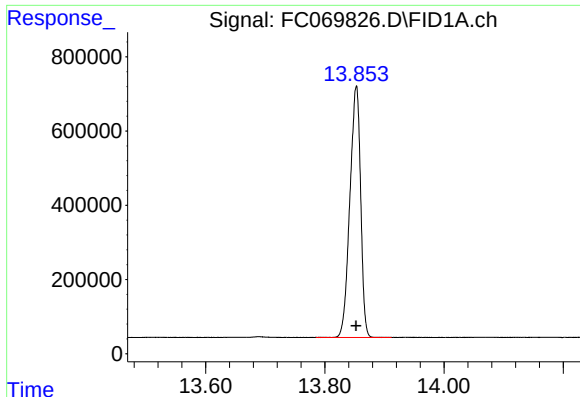
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: 0.000 min
Response: 8430321
Conc: 48.53 ug/ml



#12 1-chlorooctadecane (SURR)

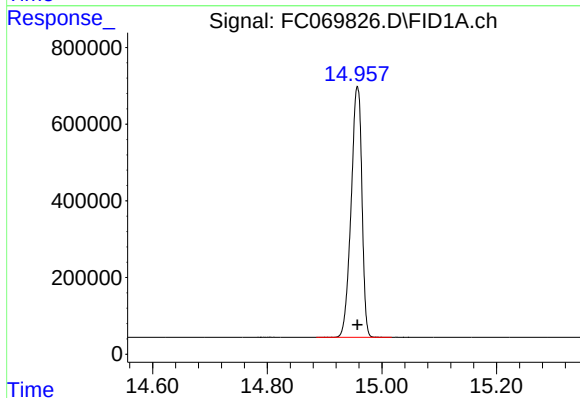
R.T.: 13.100 min
Delta R.T.: 0.000 min
Response: 7425577
Conc: 48.60 ug/ml



#13 n-Docosane (C22)

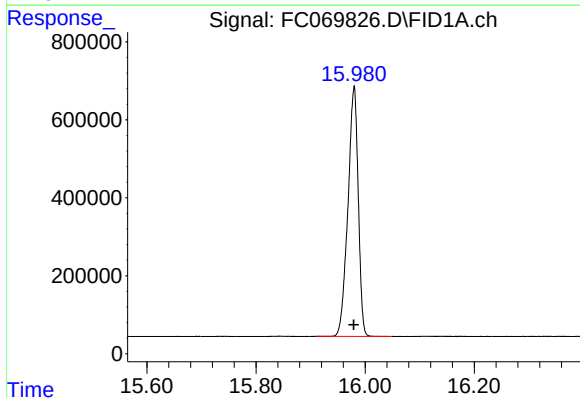
R.T.: 13.853 min
Delta R.T.: 0.000 min
Response: 8470750
Conc: 48.43 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



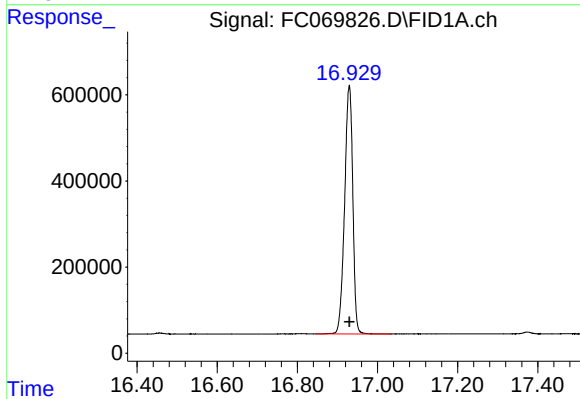
#14 n-Tetracosane (C24)

R.T.: 14.957 min
Delta R.T.: 0.000 min
Response: 8543618
Conc: 48.30 ug/ml



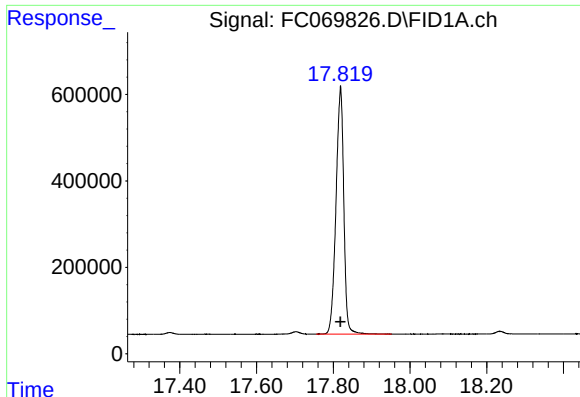
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: 0.000 min
Response: 8419910
Conc: 48.29 ug/ml



#16 n-Octacosane (C28)

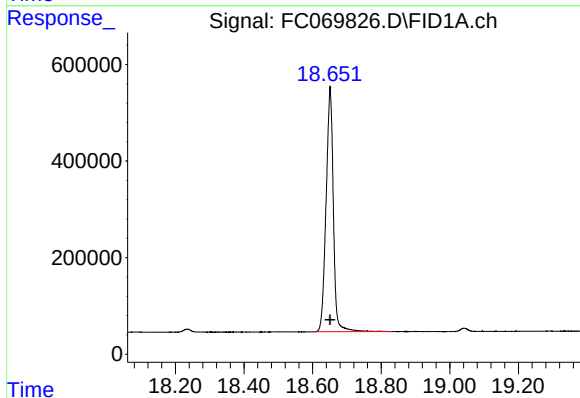
R.T.: 16.929 min
Delta R.T.: 0.000 min
Response: 8178481
Conc: 48.38 ug/ml



#17 n-Tricontane (C30)

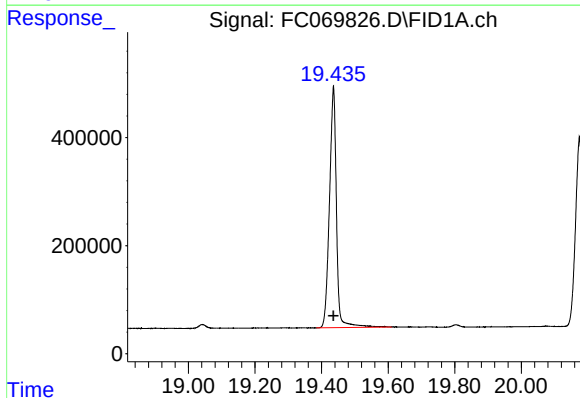
R.T.: 17.819 min
Delta R.T.: 0.000 min
Response: 8058251
Conc: 48.44 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



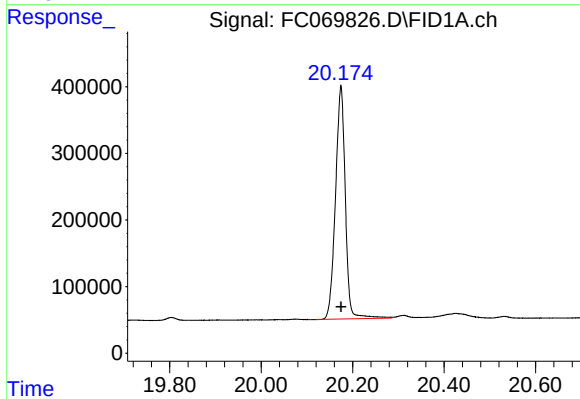
#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: 0.000 min
Response: 7444649
Conc: 48.53 ug/ml



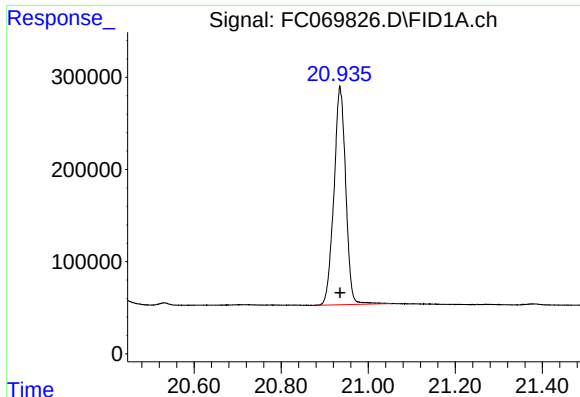
#19 n-Tetratriacontane (C34)

R.T.: 19.436 min
Delta R.T.: 0.000 min
Response: 6495279
Conc: 48.61 ug/ml



#20 n-Hexatriacontane (C36)

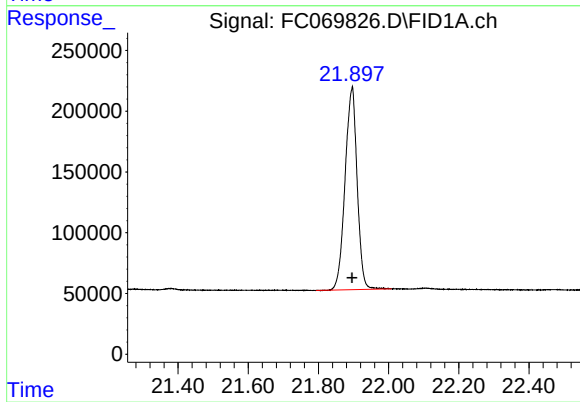
R.T.: 20.174 min
Delta R.T.: 0.000 min
Response: 5232913
Conc: 48.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.935 min
Delta R.T.: 0.000 min
Response: 4446700
Conc: 48.67 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.896 min
Delta R.T.: 0.000 min
Response: 3973611
Conc: 48.96 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
 Data File : FC069826.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2025 11:16
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.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	3.403	3.357	3.465	BB	745051	6152543	68.62%	3.855%
2	4.475	4.417	4.537	BB	693786	6373820	71.09%	3.993%
3	6.069	6.012	6.152	BB	751105	7155979	79.82%	4.484%
4	6.498	6.432	6.544	BB	674503	6712655	74.87%	4.206%
5	7.128	7.079	7.242	BB	695935	7133568	79.57%	4.469%
6	8.295	8.234	8.369	BB	685059	7146968	79.72%	4.478%
7	9.899	9.855	9.980	BB	719336	7932807	88.48%	4.970%
8	11.344	11.290	11.404	BB	730677	8462910	94.39%	5.302%
9	11.667	11.605	11.734	BB	794180	8965638	100.00%	5.617%
10	12.654	12.589	12.709	BB	701289	8449007	94.24%	5.294%
11	13.100	13.032	13.152	BB	629941	7425577	82.82%	4.652%
12	13.266	13.192	13.324	BB	702135	8430321	94.03%	5.282%
13	13.853	13.785	13.912	BB	675901	8470750	94.48%	5.307%
14	14.957	14.885	15.017	BB	654442	8543618	95.29%	5.353%
15	15.980	15.910	16.049	BB	646597	8419910	93.91%	5.275%
16	16.929	16.847	17.035	BB	574977	8178481	91.22%	5.124%
17	17.819	17.755	17.952	BB	572820	8058251	89.88%	5.049%
18	18.651	18.610	18.830	BB	506372	7444649	83.04%	4.664%
19	19.436	19.384	19.610	BB	446121	6495279	72.45%	4.070%
20	20.174	20.120	20.285	BV	348797	5232913	58.37%	3.279%
21	20.935	20.880	21.054	BB	236642	4446700	49.60%	2.786%
22	21.896	21.794	22.009	BB	165691	3973611	44.32%	2.490%
Sum of corrected areas:						159605955		

Aliphatic EPH 092325.M Tue Sep 23 15:04:15 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
 Data File : FC069827.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2025 12:02
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Sep 23 12:38:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 12:38:37 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.661	3997190	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.095	3447033	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.401	2691320	20.000 ug/ml
2) T n-Decane (C10)	4.472	2813927	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.066	3132652	20.000 ug/ml
4) T n-Dodecane (C12)	6.495	2974748	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.124	3116315	20.000 ug/ml
6) T n-Tetradecane (C14)	8.292	3166933	20.000 ug/ml
7) T n-Hexadecane (C16)	9.895	3540428	20.000 ug/ml
8) T n-Octadecane (C18)	11.339	3856654	20.000 ug/ml
10) T n-Eicosane (C20)	12.649	3923913	20.000 ug/ml
11) T n-Heneicosane (C21)	13.262	3945724	20.000 ug/ml
13) T n-Docosane (C22)	13.849	3991937	20.000 ug/ml
14) T n-Tetracosane (C24)	14.953	4075708	20.000 ug/ml
15) T n-Hexacosane (C26)	15.975	4049330	20.000 ug/ml
16) T n-Octacosane (C28)	16.925	3954788	20.000 ug/ml
17) T n-Tricontane (C30)	17.814	3912238	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.647	3615771	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.430	3125338	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.171	2488192	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.931	2066589	20.000 ug/ml
22) T n-Tetracontane (C40)	21.893	1810790	20.000 ug/ml

(f)=RT Delta > 1/2 Window

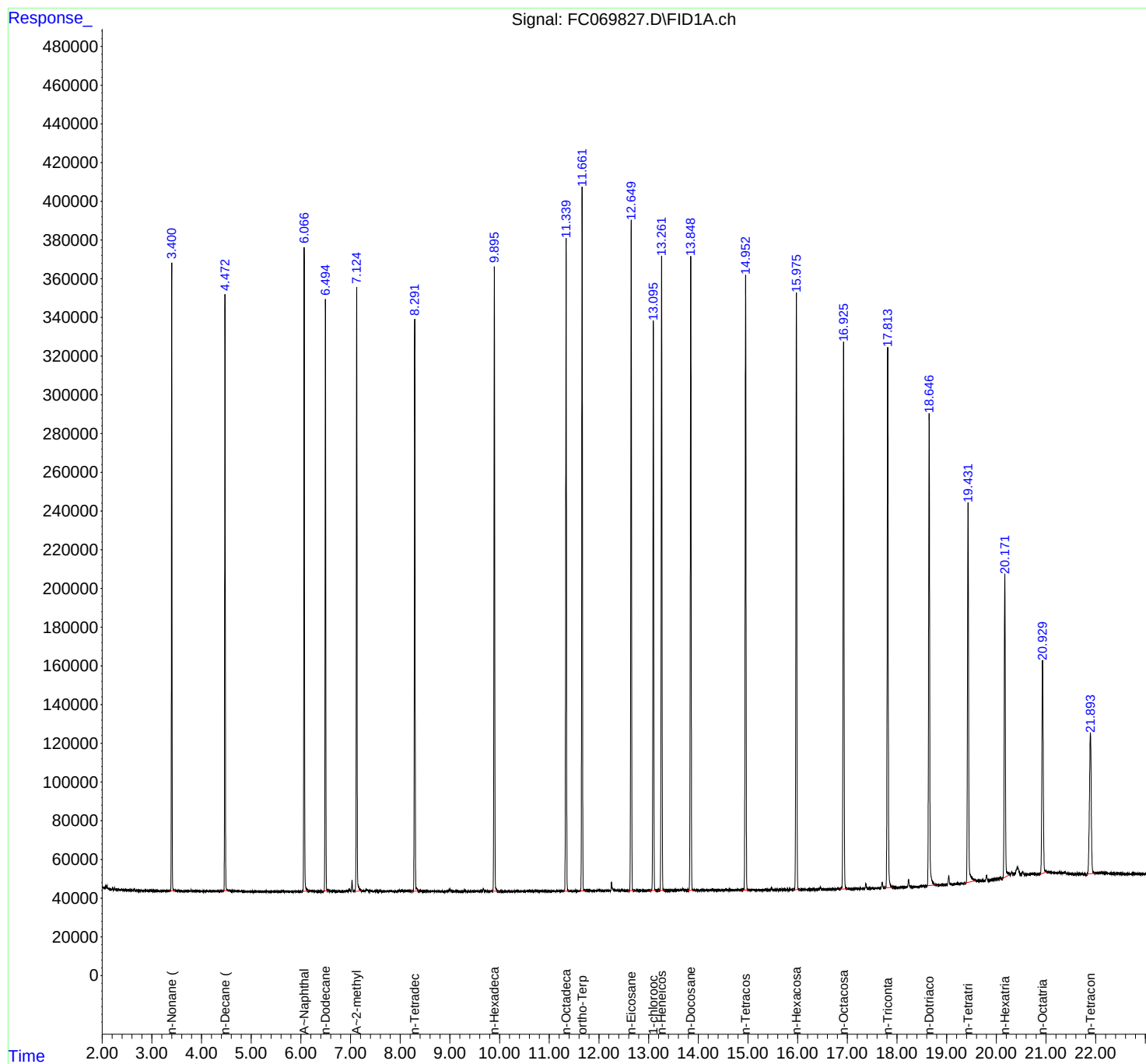
(m)=manual int.

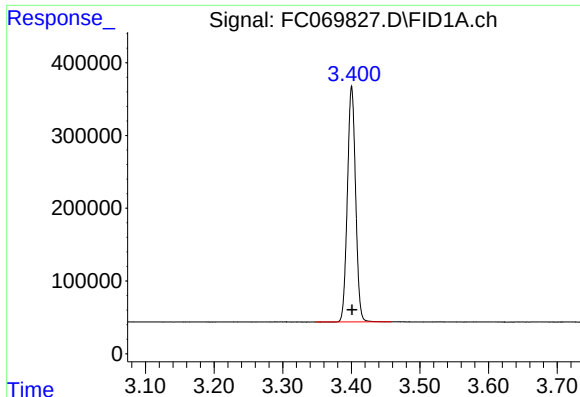
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
Data File : FC069827.D
Signal(s) : FID1A.ch
Acq On : 23 Sep 2025 12:02
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Sep 23 12:38:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
Quant Title : GC Extractables
QLast Update : Tue Sep 23 12:38:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

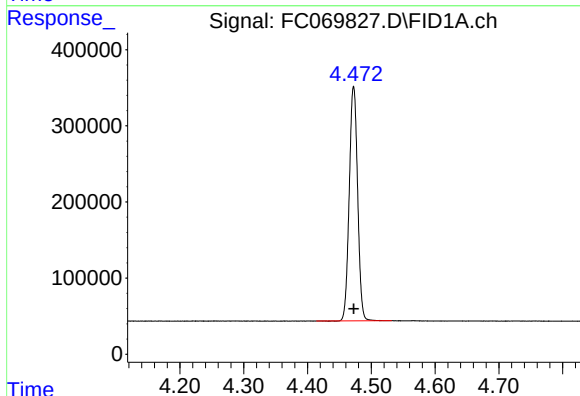




#1 n-Nonane (C9)

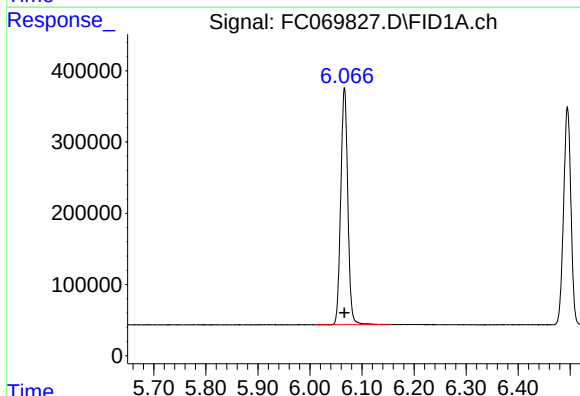
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 2691320
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



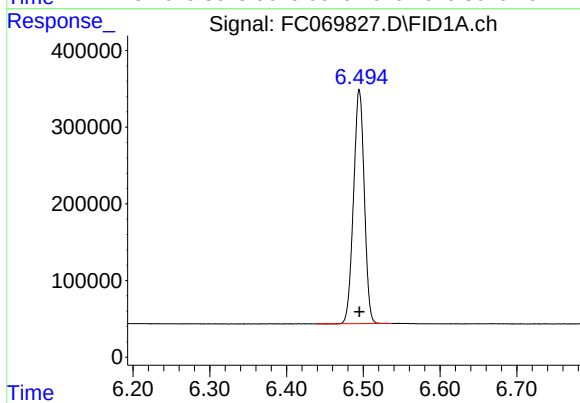
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 2813927
Conc: 20.00 ug/ml



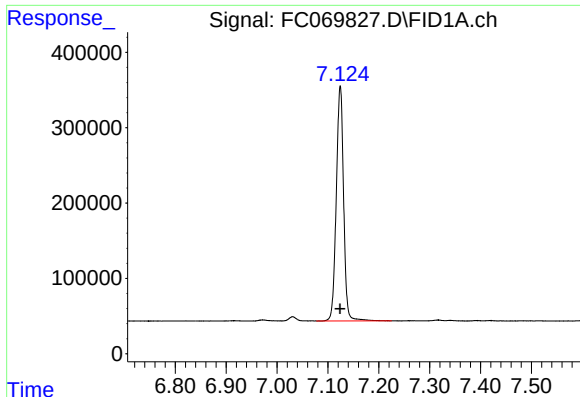
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 3132652
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

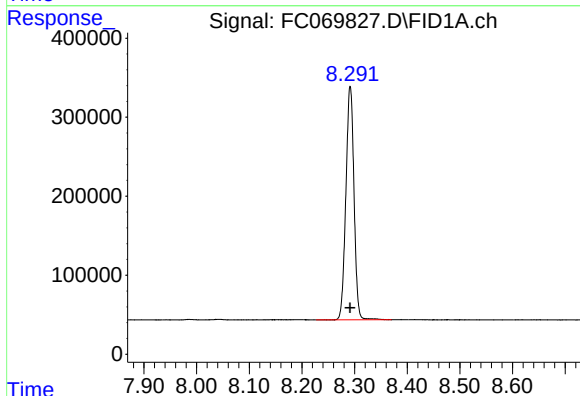
R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 2974748
Conc: 20.00 ug/ml



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

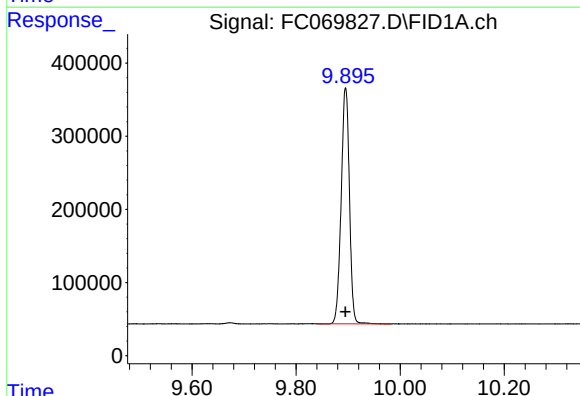
R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 3116315
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



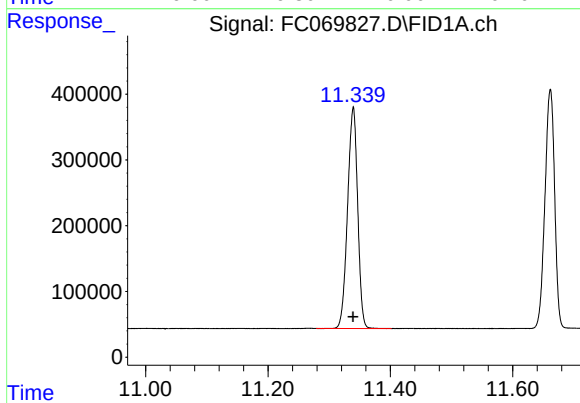
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 3166933
Conc: 20.00 ug/ml



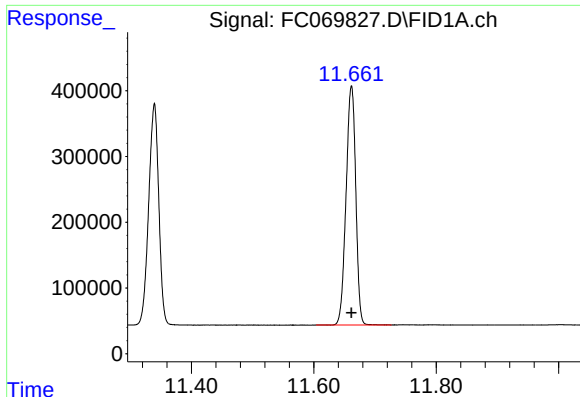
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: 0.000 min
Response: 3540428
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

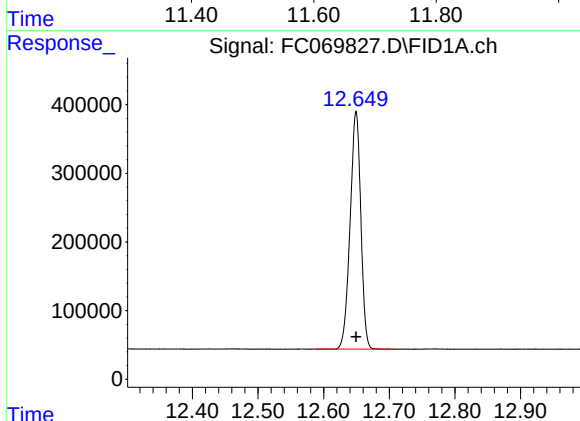
R.T.: 11.339 min
Delta R.T.: 0.000 min
Response: 3856654
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

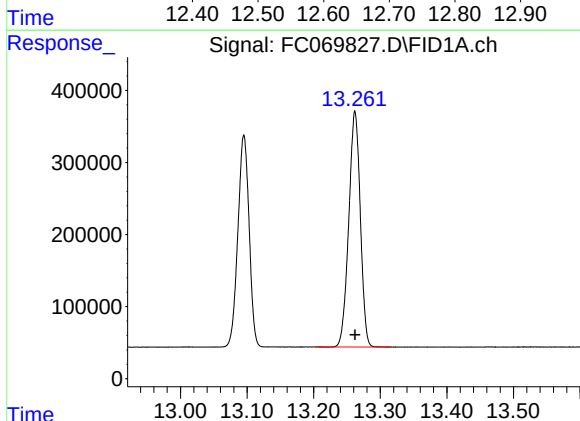
R.T.: 11.661 min
Delta R.T.: 0.000 min
Response: 3997190
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



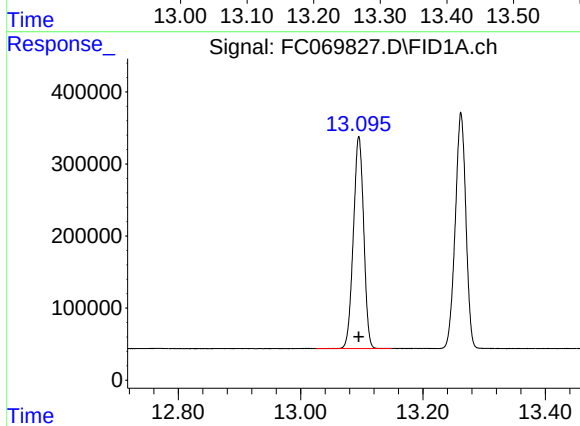
#10 n-Eicosane (C20)

R.T.: 12.649 min
Delta R.T.: 0.000 min
Response: 3923913
Conc: 20.00 ug/ml



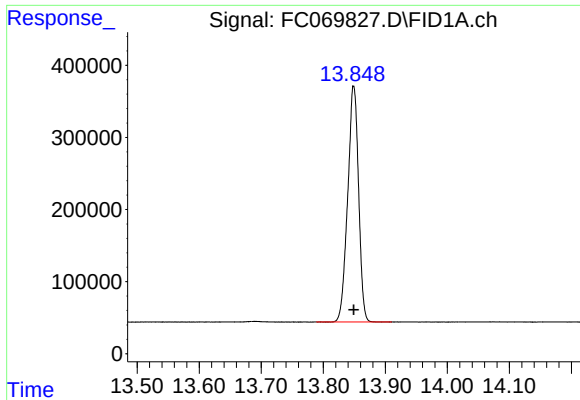
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: 0.000 min
Response: 3945724
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

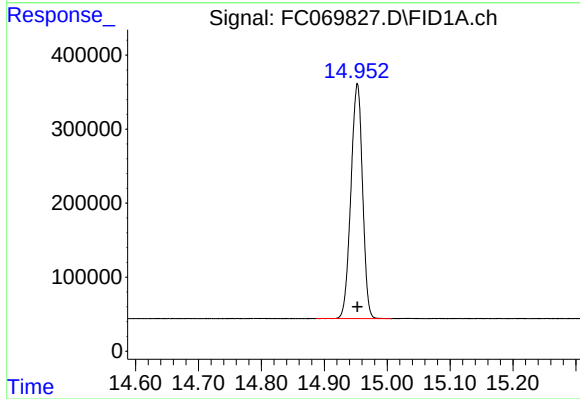
R.T.: 13.095 min
Delta R.T.: 0.000 min
Response: 3447033
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

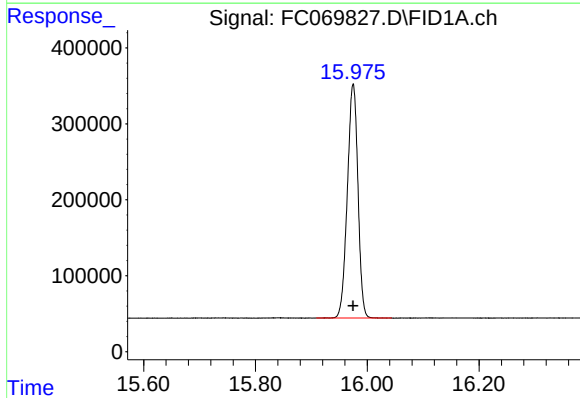
R.T.: 13.849 min
Delta R.T.: 0.000 min
Response: 3991937
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



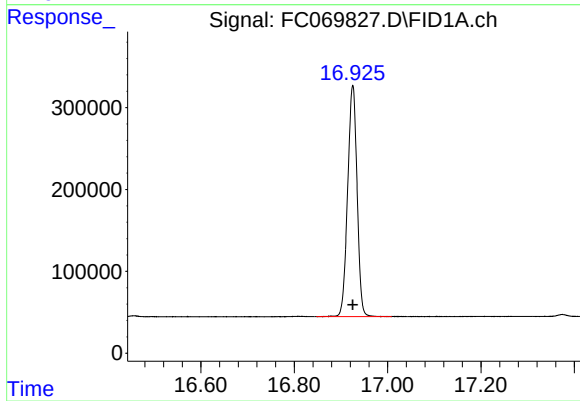
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: 0.000 min
Response: 4075708
Conc: 20.00 ug/ml



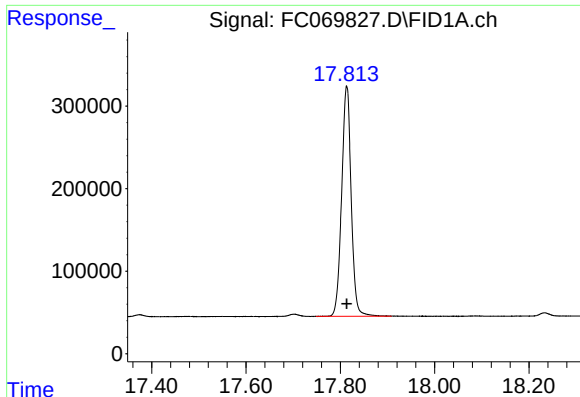
#15 n-Hexacosane (C26)

R.T.: 15.975 min
Delta R.T.: 0.000 min
Response: 4049330
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

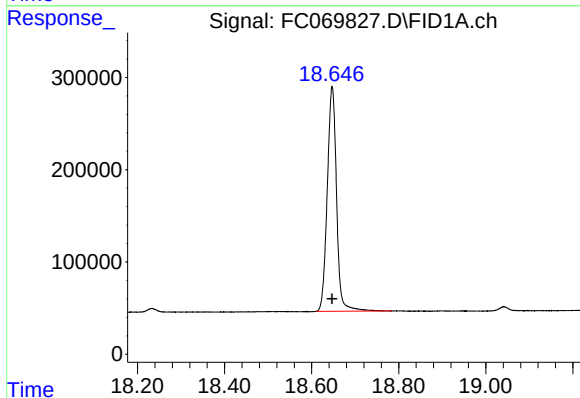
R.T.: 16.925 min
Delta R.T.: 0.000 min
Response: 3954788
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

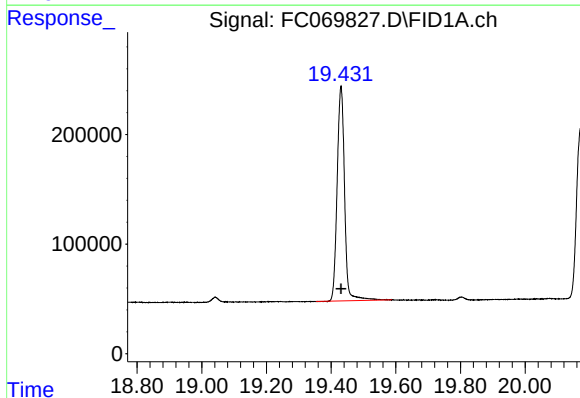
R.T.: 17.814 min
Delta R.T.: 0.000 min
Response: 3912238
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



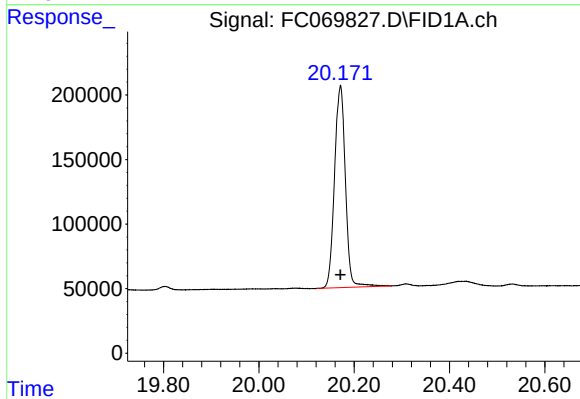
#18 n-Dotriacontane (C32)

R.T.: 18.647 min
Delta R.T.: 0.000 min
Response: 3615771
Conc: 20.00 ug/ml



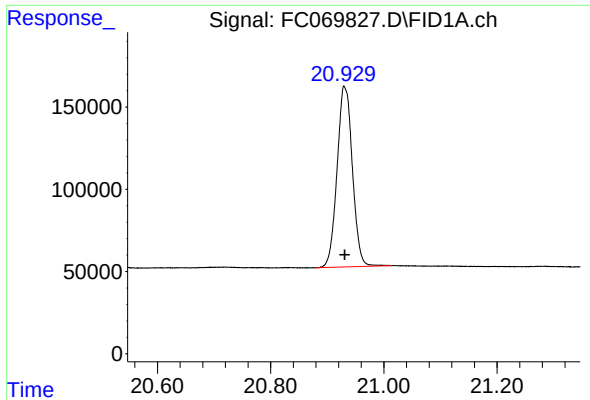
#19 n-Tetratriacontane (C34)

R.T.: 19.430 min
Delta R.T.: 0.000 min
Response: 3125338
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

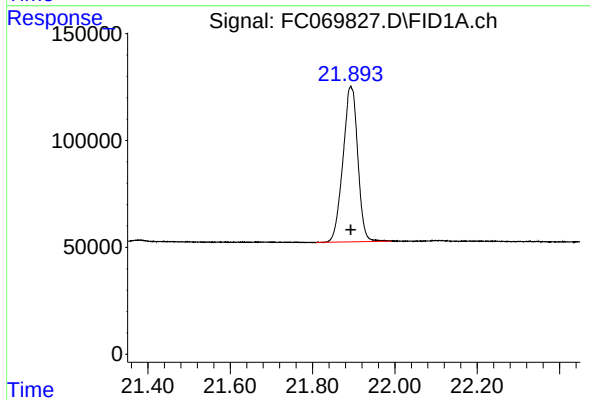
R.T.: 20.171 min
Delta R.T.: 0.000 min
Response: 2488192
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.931 min
Delta R.T.: 0.000 min
Response: 2066589
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.893 min
Delta R.T.: 0.000 min
Response: 1810790
Conc: 20.00 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
 Data File : FC069827.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2025 12:02
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.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	3.401	3.349	3.459	BB	323368	2691320	66.03%	3.652%
2	4.472	4.414	4.532	BB	307981	2813927	69.04%	3.818%
3	6.066	6.012	6.157	BB	333281	3132652	76.86%	4.251%
4	6.495	6.439	6.537	BB	304189	2974748	72.99%	4.036%
5	7.124	7.077	7.225	BB	312463	3116315	76.46%	4.229%
6	8.292	8.227	8.370	BB	295532	3166933	77.70%	4.297%
7	9.895	9.839	9.984	BB	322443	3540428	86.87%	4.804%
8	11.339	11.279	11.402	BB	335701	3856654	94.63%	5.233%
9	11.661	11.604	11.727	BB	364997	3997190	98.07%	5.424%
10	12.649	12.589	12.704	BB	345435	3923913	96.28%	5.324%
11	13.095	13.025	13.149	BB	294191	3447033	84.58%	4.677%
12	13.262	13.204	13.317	BB	327597	3945724	96.81%	5.354%
13	13.849	13.789	13.910	BB	327535	3991937	97.94%	5.417%
14	14.953	14.887	15.007	BB	317817	4075708	100.00%	5.530%
15	15.975	15.909	16.044	BB	308627	4049330	99.35%	5.495%
16	16.925	16.847	17.009	BB	282583	3954788	97.03%	5.366%
17	17.814	17.749	17.909	BB	279045	3912238	95.99%	5.309%
18	18.647	18.610	18.784	BB	243782	3615771	88.72%	4.906%
19	19.430	19.354	19.587	BB	195856	3125338	76.68%	4.241%
20	20.171	20.120	20.279	BB	155921	2488192	61.05%	3.376%
21	20.931	20.880	21.014	BB	109494	2066589	50.71%	2.804%
22	21.893	21.809	21.992	BB	72741	1810790	44.43%	2.457%
Sum of corrected areas:							73697515	

Aliphatic EPH 092325.M Tue Sep 23 15:03:39 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
 Data File : FC069828.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2025 12:47
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 23 13:19:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 13:19:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.659	1827092	9.996 ug/ml
Spiked Amount 50.000		Recovery =	19.99%
12) S 1-chlorooctadecane (S...	13.094	1510608	9.915 ug/ml
Spiked Amount 50.000		Recovery =	19.83%
Target Compounds			
1) T n-Nonane (C9)	3.400	1287588	10.243 ug/ml
2) T n-Decane (C10)	4.472	1326423	10.173 ug/ml
3) T A~Naphthalene (C11.7)	6.066	1492245	10.214 ug/ml
4) T n-Dodecane (C12)	6.495	1378664	10.055 ug/ml
5) T A~2-methylnaphthalene...	7.124	1473925	10.127 ug/ml
6) T n-Tetradecane (C14)	8.291	1453833	9.993 ug/ml
7) T n-Hexadecane (C16)	9.894	1605537	9.964 ug/ml
8) T n-Octadecane (C18)	11.337	1715153	9.937 ug/ml
10) T n-Eicosane (C20)	12.648	1724242	9.946 ug/ml
11) T n-Heneicosane (C21)	13.261	1721908	9.934 ug/ml
13) T n-Docosane (C22)	13.847	1730466	9.920 ug/ml
14) T n-Tetracosane (C24)	14.951	1747122	9.908 ug/ml
15) T n-Hexacosane (C26)	15.973	1725760	9.922 ug/ml
16) T n-Octacosane (C28)	16.923	1682895	9.966 ug/ml
17) T n-Tricontane (C30)	17.812	1680498	10.076 ug/ml
18) T n-Dotriacontane (C32)	18.646	1566941	10.160 ug/ml
19) T n-Tetratriacontane (C34)	19.429	1350605	10.080 ug/ml
20) T n-Hexatriacontane (C36)	20.169	1124746	10.333 ug/ml
21) T n-Octatriacontane (C38)	20.929	982164	10.553 ug/ml
22) T n-Tetracontane (C40)	21.889	904610	10.835 ug/ml

(f)=RT Delta > 1/2 Window

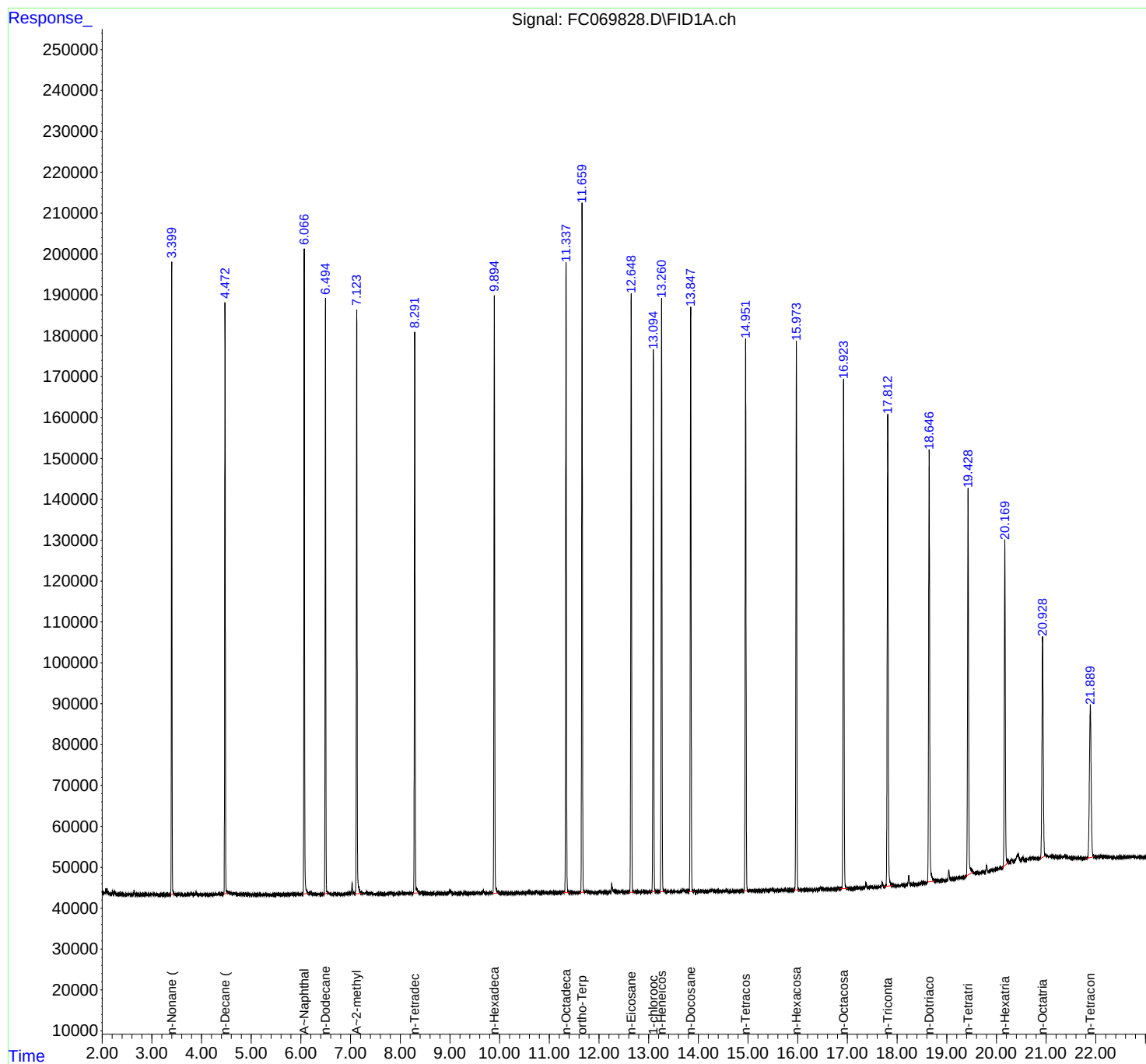
(m)=manual int.

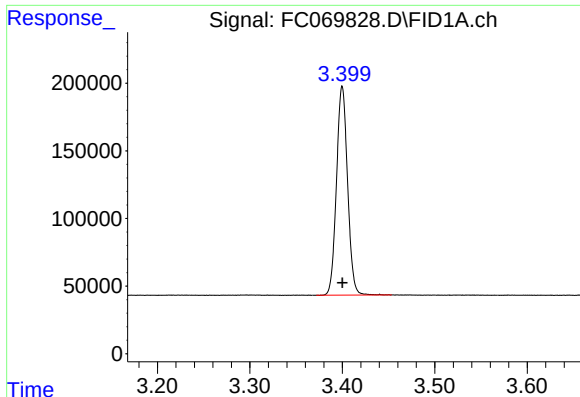
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
Data File : FC069828.D
Signal(s) : FID1A.ch
Acq On : 23 Sep 2025 12:47
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Sep 23 13:19:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
Quant Title : GC Extractables
QLast Update : Tue Sep 23 13:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

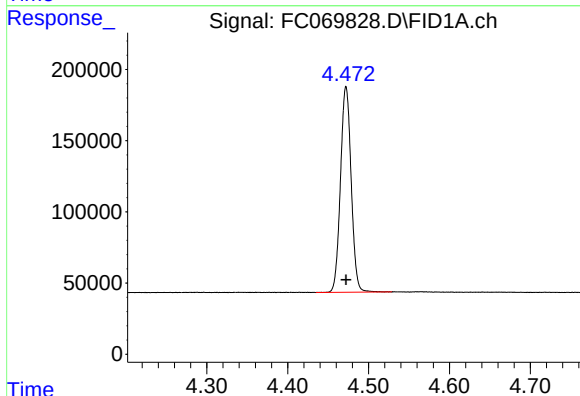




#1 n-Nonane (C9)

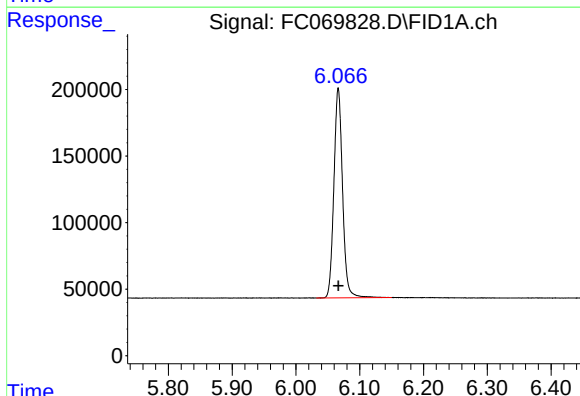
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 1287588
Conc: 10.24 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



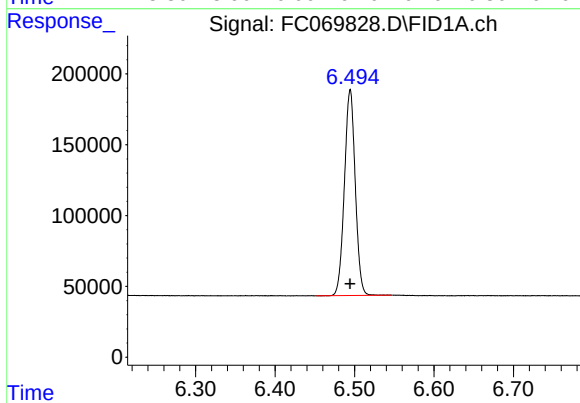
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 1326423
Conc: 10.17 ug/ml



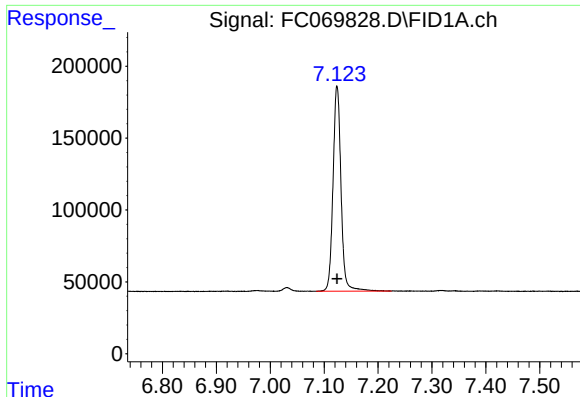
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 1492245
Conc: 10.21 ug/ml



#4 n-Dodecane (C12)

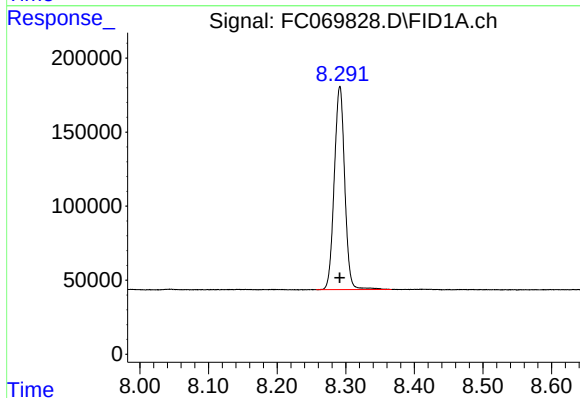
R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 1378664
Conc: 10.05 ug/ml



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

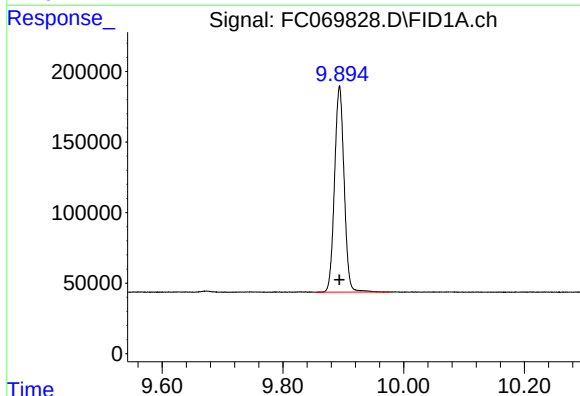
R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 1473925
Conc: 10.13 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



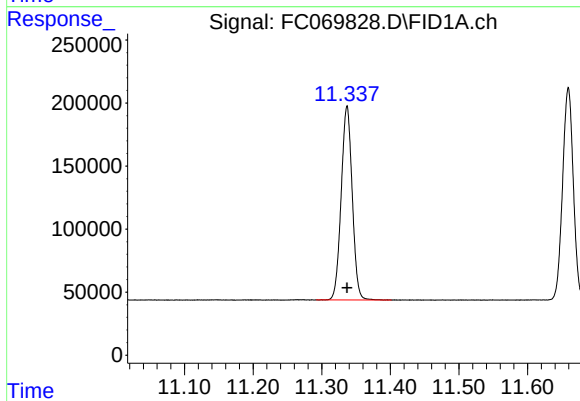
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 1453833
Conc: 9.99 ug/ml



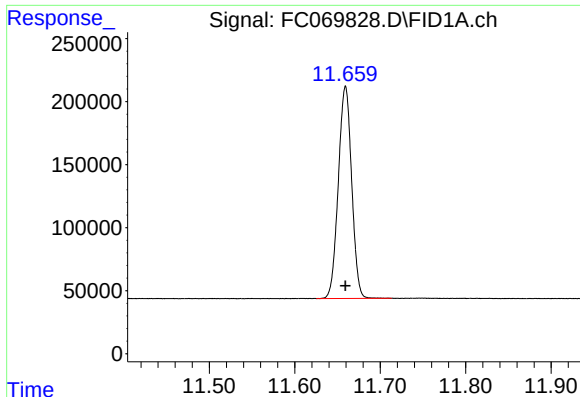
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 1605537
Conc: 9.96 ug/ml



#8 n-Octadecane (C18)

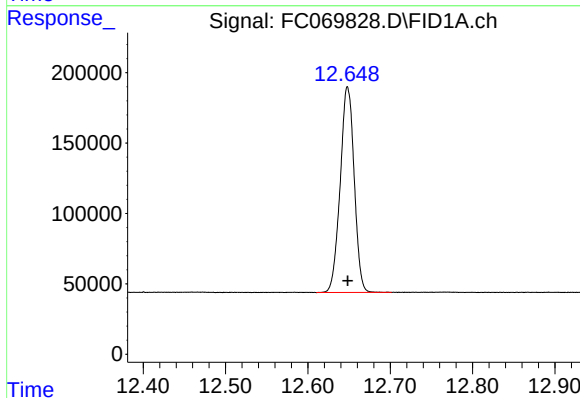
R.T.: 11.337 min
Delta R.T.: 0.000 min
Response: 1715153
Conc: 9.94 ug/ml



#9 ortho-Terphenyl (SURR)

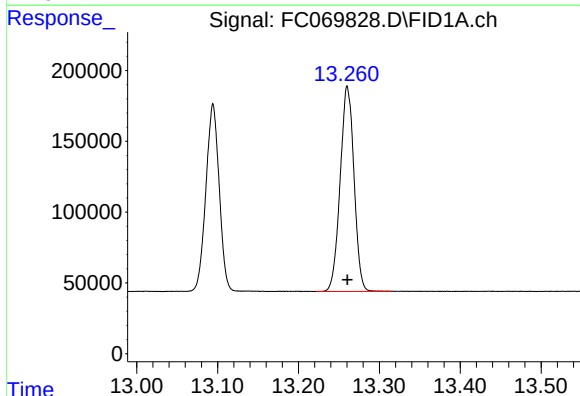
R.T.: 11.659 min
Delta R.T.: 0.000 min
Response: 1827092
Conc: 10.00 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



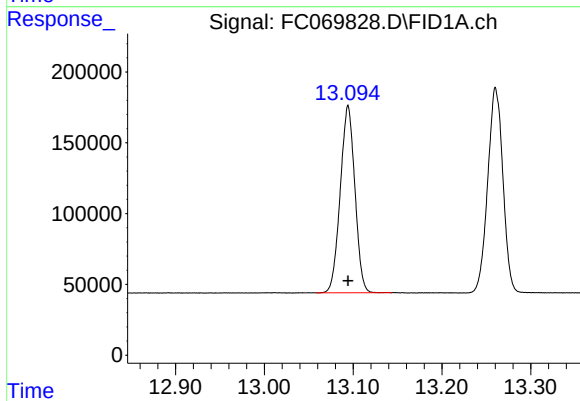
#10 n-Eicosane (C20)

R.T.: 12.648 min
Delta R.T.: 0.000 min
Response: 1724242
Conc: 9.95 ug/ml



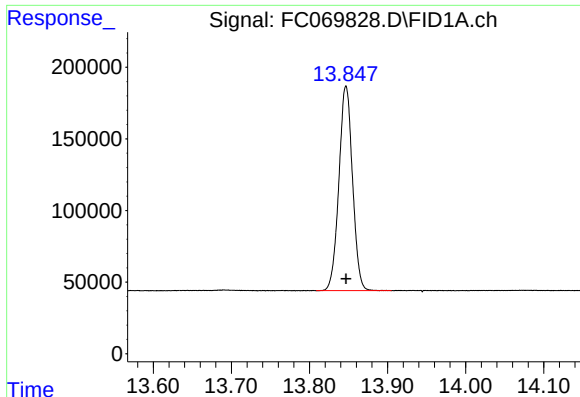
#11 n-Heneicosane (C21)

R.T.: 13.261 min
Delta R.T.: 0.000 min
Response: 1721908
Conc: 9.93 ug/ml



#12 1-chlorooctadecane (SURR)

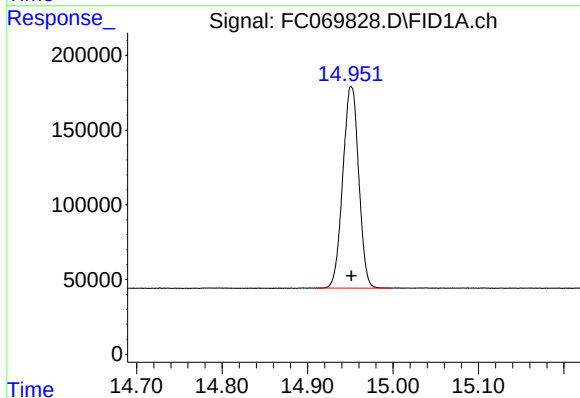
R.T.: 13.094 min
Delta R.T.: 0.000 min
Response: 1510608
Conc: 9.92 ug/ml



#13 n-Docosane (C22)

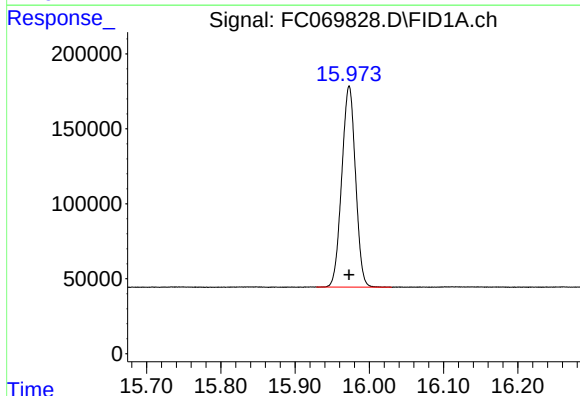
R.T.: 13.847 min
Delta R.T.: 0.000 min
Response: 1730466
Conc: 9.92 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



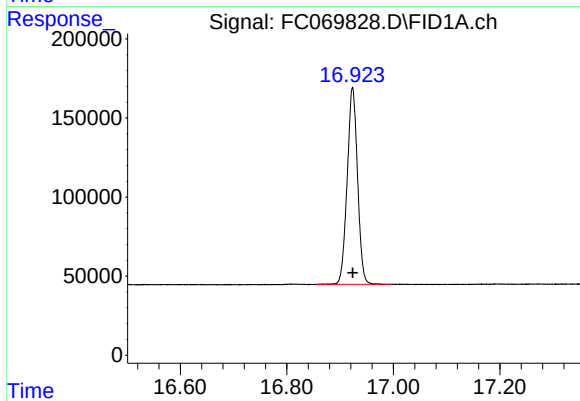
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: 0.000 min
Response: 1747122
Conc: 9.91 ug/ml



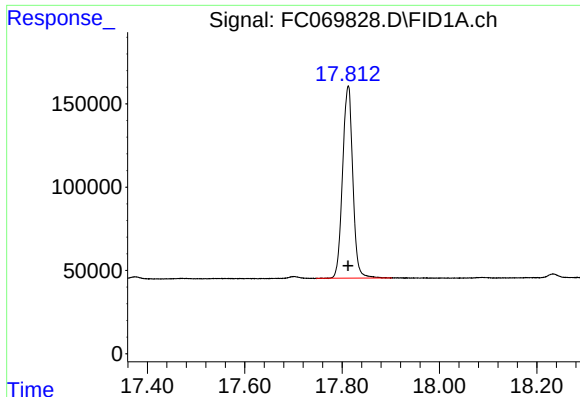
#15 n-Hexacosane (C26)

R.T.: 15.973 min
Delta R.T.: 0.000 min
Response: 1725760
Conc: 9.92 ug/ml



#16 n-Octacosane (C28)

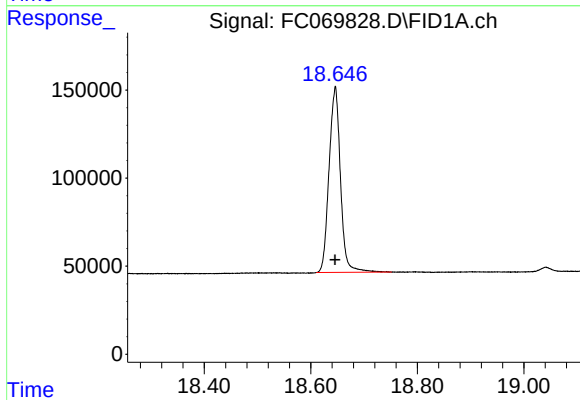
R.T.: 16.923 min
Delta R.T.: 0.000 min
Response: 1682895
Conc: 9.97 ug/ml



#17 n-Tricontane (C30)

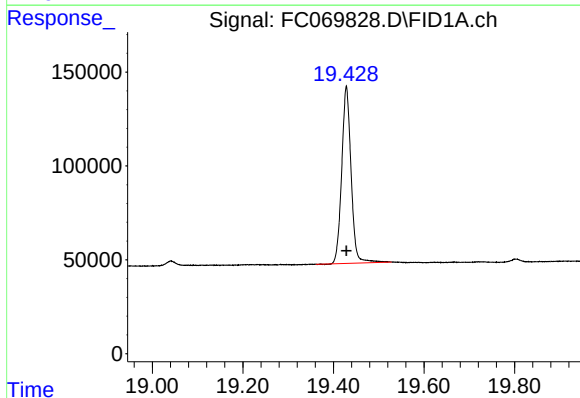
R.T.: 17.812 min
Delta R.T.: 0.000 min
Response: 1680498
Conc: 10.08 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



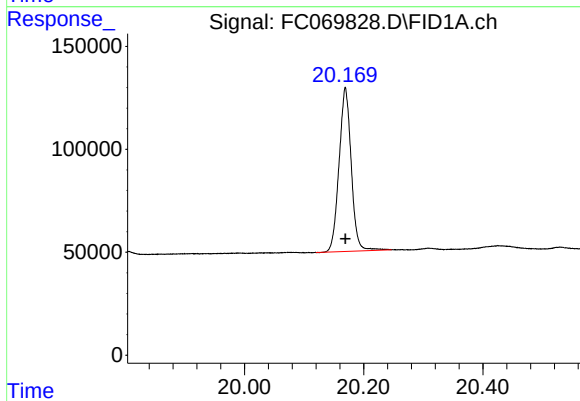
#18 n-Dotriacontane (C32)

R.T.: 18.646 min
Delta R.T.: 0.000 min
Response: 1566941
Conc: 10.16 ug/ml



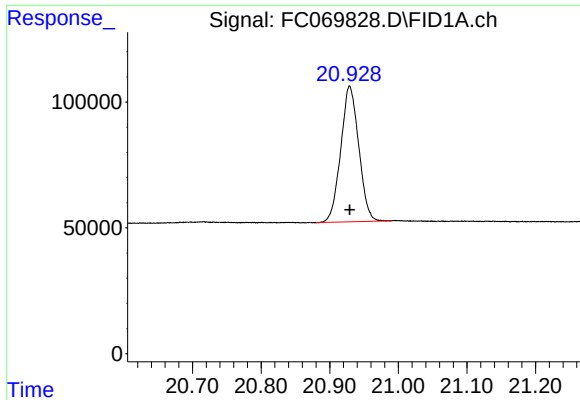
#19 n-Tetratriacontane (C34)

R.T.: 19.429 min
Delta R.T.: 0.000 min
Response: 1350605
Conc: 10.08 ug/ml



#20 n-Hexatriacontane (C36)

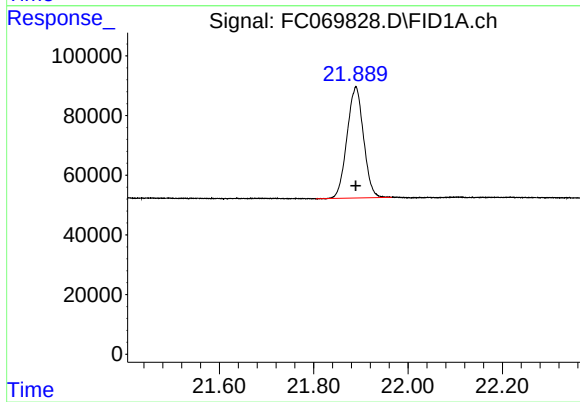
R.T.: 20.169 min
Delta R.T.: 0.000 min
Response: 1124746
Conc: 10.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.929 min
Delta R.T.: 0.000 min
Response: 982164
Conc: 10.55 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.889 min
Delta R.T.: 0.000 min
Response: 904610
Conc: 10.83 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
Data File : FC069828.D
Signal(s) : FID1A.ch
Acq On : 23 Sep 2025 12:47
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.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	3.400	3.372	3.453	BB	154553	1287588	70.47%	3.900%
2	4.472	4.435	4.528	BB	144409	1326423	72.60%	4.018%
3	6.066	6.032	6.150	BB	157369	1492245	81.67%	4.520%
4	6.495	6.452	6.547	BB	146009	1378664	75.46%	4.176%
5	7.124	7.085	7.225	BB	143041	1473925	80.67%	4.465%
6	8.291	8.257	8.367	BB	137646	1453833	79.57%	4.404%
7	9.894	9.855	9.980	BB	146021	1605537	87.87%	4.863%
8	11.337	11.292	11.402	BB	154003	1715153	93.87%	5.195%
9	11.659	11.625	11.713	BB	168825	1827092	100.00%	5.534%
10	12.648	12.610	12.702	BB	145826	1724242	94.37%	5.223%
11	13.094	13.058	13.143	BB	132328	1510608	82.68%	4.576%
12	13.261	13.222	13.315	BB	144607	1721908	94.24%	5.216%
13	13.847	13.808	13.905	BB	142806	1730466	94.71%	5.242%
14	14.951	14.910	14.998	BB	134538	1747122	95.62%	5.292%
15	15.973	15.928	16.030	BB	134472	1725760	94.45%	5.228%
16	16.923	16.855	16.997	BB	124447	1682895	92.11%	5.098%
17	17.812	17.747	17.902	BB	115227	1680498	91.98%	5.090%
18	18.646	18.610	18.752	BB	104813	1566941	85.76%	4.746%
19	19.429	19.362	19.528	BB	94297	1350605	73.92%	4.091%
20	20.169	20.120	20.247	BB	79555	1124746	61.56%	3.407%
21	20.929	20.880	20.990	BB	53970	982164	53.76%	2.975%
22	21.889	21.805	21.965	BB	37448	904610	49.51%	2.740%
Sum of corrected areas:							33013024	

Aliphatic EPH 092325.M Tue Sep 23 15:03:07 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
 Data File : FC069829.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2025 13:33
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 23 14:55:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 14:55:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.658	1026900	5.483 ug/ml
Spiked Amount 50.000		Recovery =	10.97%
12) S 1-chlorooctadecane (S...	13.094	900913	5.705 ug/ml
Spiked Amount 50.000		Recovery =	11.41%
Target Compounds			
1) T n-Nonane (C9)	3.400	690670	5.388 ug/ml
2) T n-Decane (C10)	4.472	714177	5.375 ug/ml
3) T A~Naphthalene (C11.7)	6.067	789322	5.317 ug/ml
4) T n-Dodecane (C12)	6.494	745101	5.341 ug/ml
5) T A~2-methylnaphthalene...	7.124	780078	5.284 ug/ml
6) T n-Tetradecane (C14)	8.291	798401	5.383 ug/ml
7) T n-Hexadecane (C16)	9.894	902897	5.471 ug/ml
8) T n-Octadecane (C18)	11.336	1003305	5.630 ug/ml
10) T n-Eicosane (C20)	12.647	1035429	5.749 ug/ml
11) T n-Heneicosane (C21)	13.259	1041203	5.774 ug/ml
13) T n-Docosane (C22)	13.846	1053142	5.797 ug/ml
14) T n-Tetracosane (C24)	14.950	1073474	5.834 ug/ml
15) T n-Hexacosane (C26)	15.972	1060487	5.841 ug/ml
16) T n-Octacosane (C28)	16.923	1036040	5.869 ug/ml
17) T n-Tricontane (C30)	17.811	1040062	5.942 ug/ml
18) T n-Dotriacontane (C32)	18.644	960150	5.935 ug/ml
19) T n-Tetratriacontane (C34)	19.428	814137	5.826 ug/ml
20) T n-Hexatriacontane (C36)	20.168	645568	5.718 ug/ml
21) T n-Octatriacontane (C38)	20.930	550260	5.704 ug/ml
22) T n-Tetracontane (C40)	21.888	483358	5.612 ug/ml

(f)=RT Delta > 1/2 Window

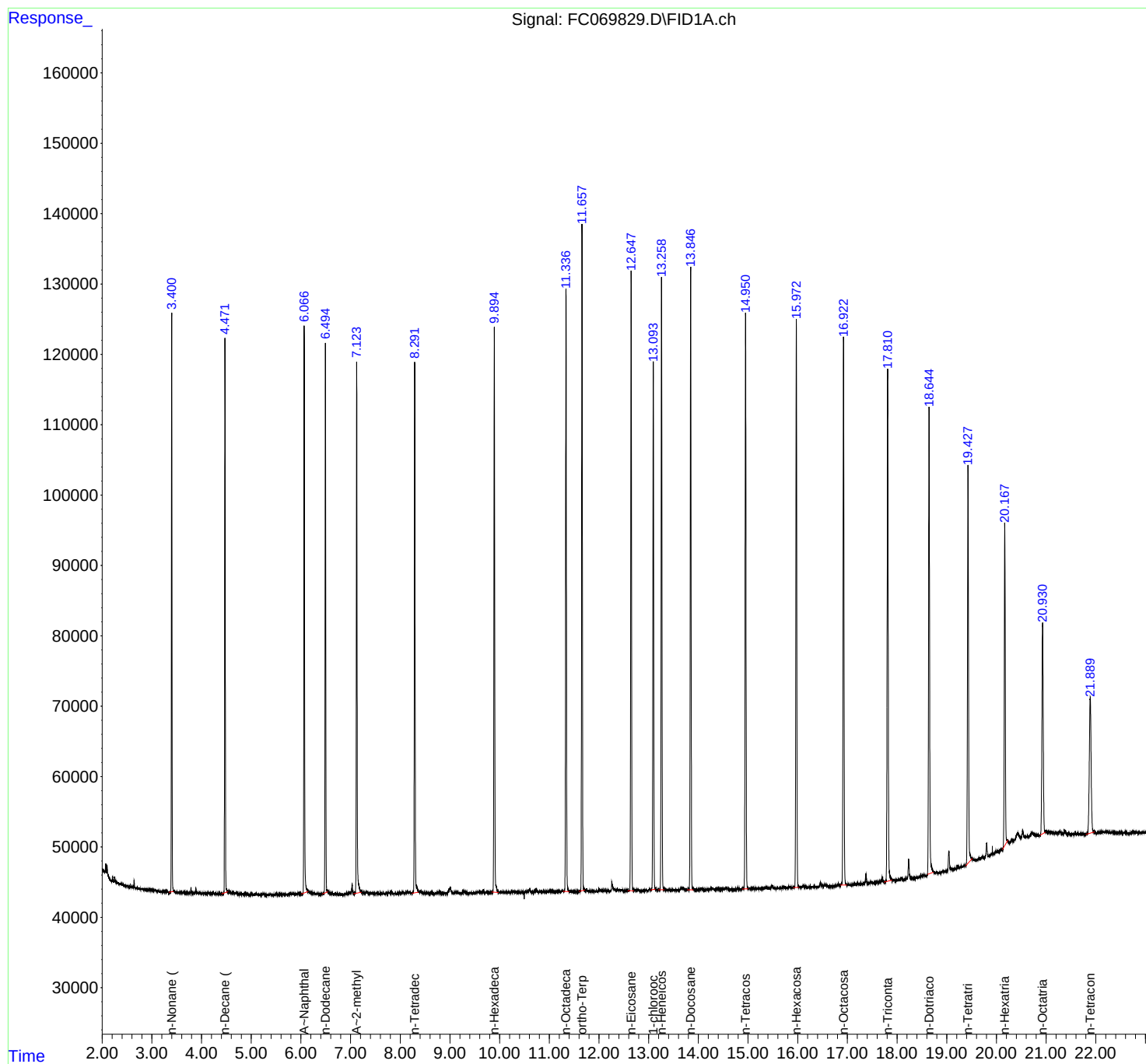
(m)=manual int.

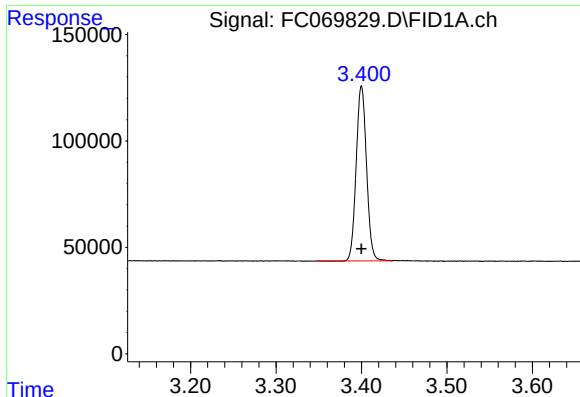
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
Data File : FC069829.D
Signal(s) : FID1A.ch
Acq On : 23 Sep 2025 13:33
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Sep 23 14:55:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
Quant Title : GC Extractables
QLast Update : Tue Sep 23 14:55:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

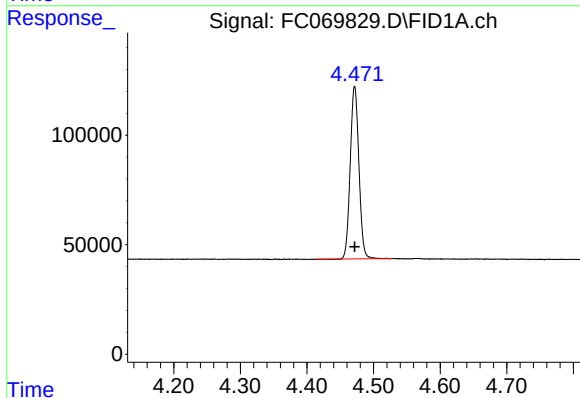




#1 n-Nonane (C9)

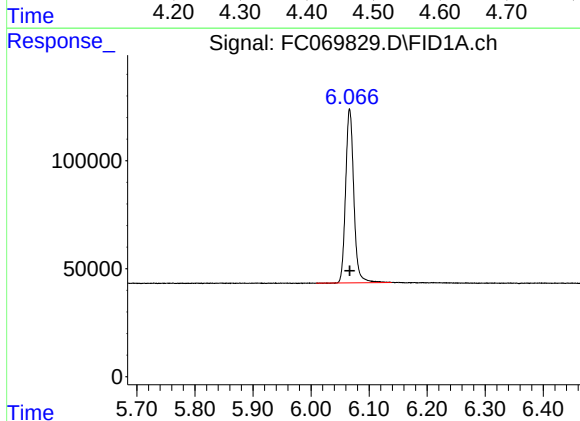
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 690670
Conc: 5.39 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



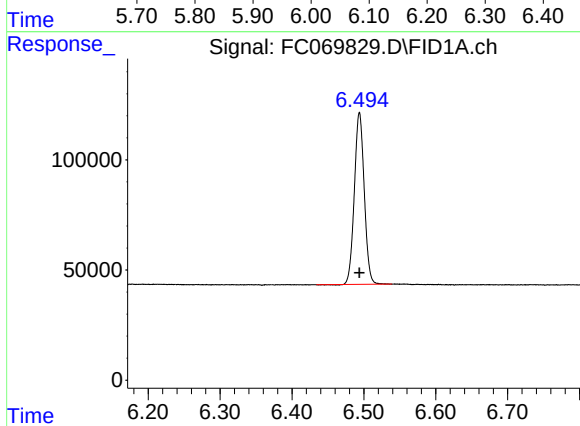
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 714177
Conc: 5.37 ug/ml



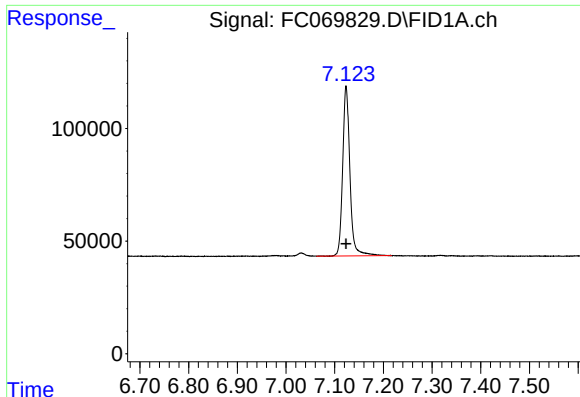
#3 A~Naphthalene (C11.7)

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 789322
Conc: 5.32 ug/ml



#4 n-Dodecane (C12)

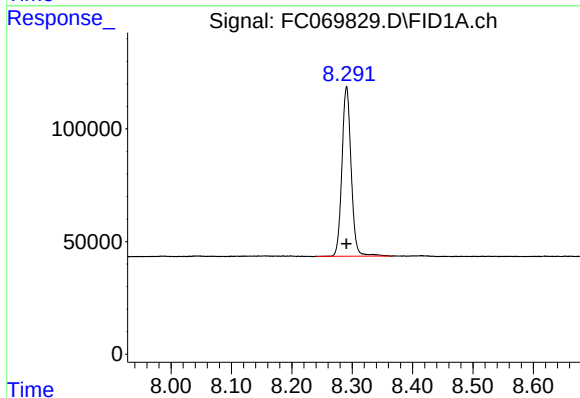
R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 745101
Conc: 5.34 ug/ml



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

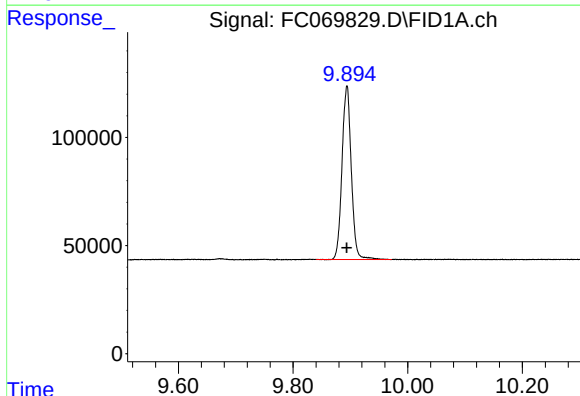
R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 780078
Conc: 5.28 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



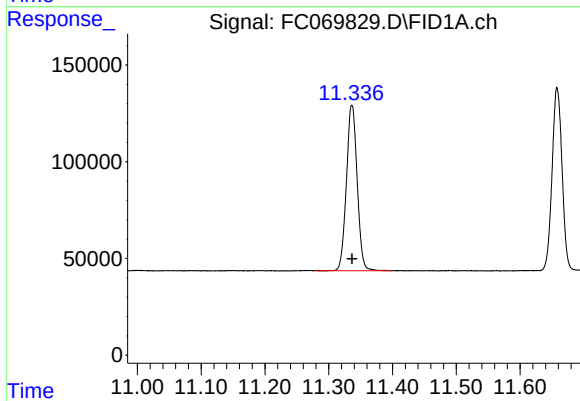
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 798401
Conc: 5.38 ug/ml



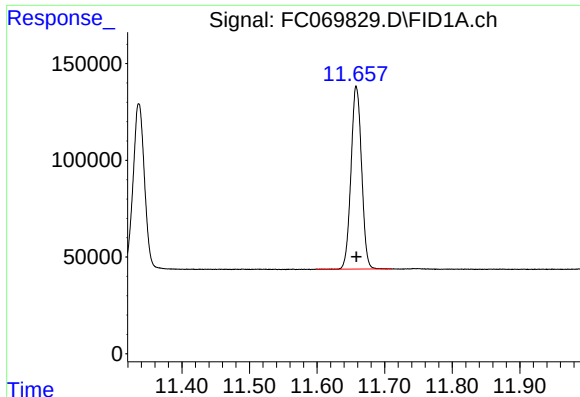
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 902897
Conc: 5.47 ug/ml



#8 n-Octadecane (C18)

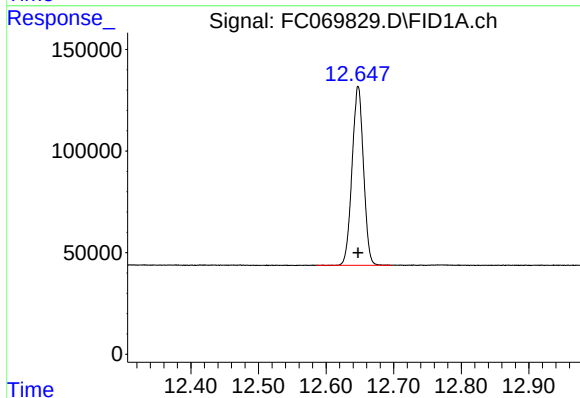
R.T.: 11.336 min
Delta R.T.: 0.000 min
Response: 1003305
Conc: 5.63 ug/ml



#9 ortho-Terphenyl (SURR)

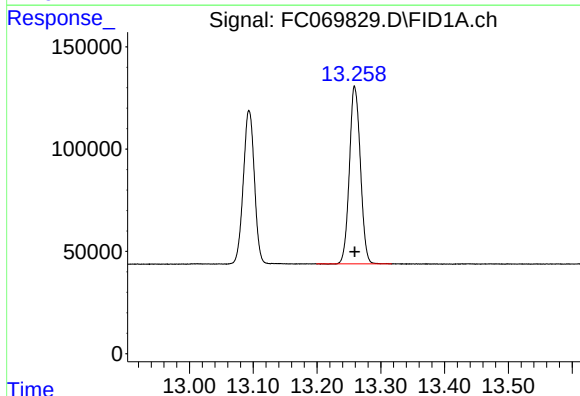
R.T.: 11.658 min
Delta R.T.: 0.000 min
Response: 1026900
Conc: 5.48 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



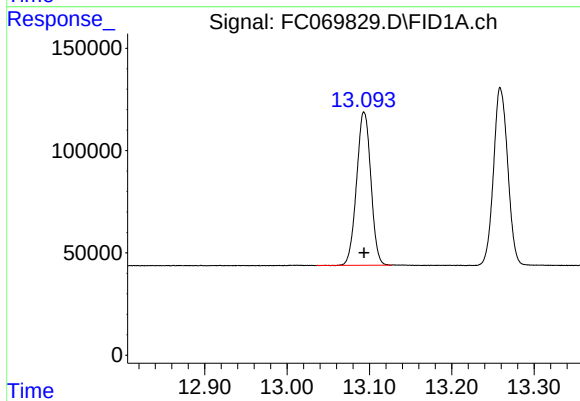
#10 n-Eicosane (C20)

R.T.: 12.647 min
Delta R.T.: 0.000 min
Response: 1035429
Conc: 5.75 ug/ml



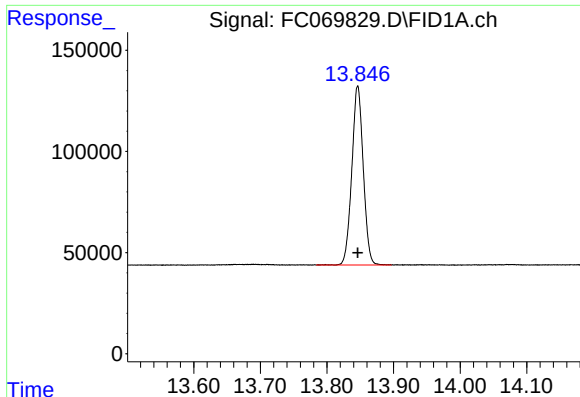
#11 n-Heneicosane (C21)

R.T.: 13.259 min
Delta R.T.: 0.000 min
Response: 1041203
Conc: 5.77 ug/ml



#12 1-chlorooctadecane (SURR)

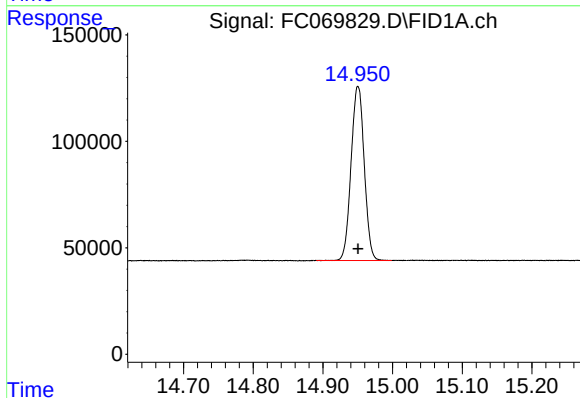
R.T.: 13.094 min
Delta R.T.: 0.000 min
Response: 900913
Conc: 5.70 ug/ml



#13 n-Docosane (C22)

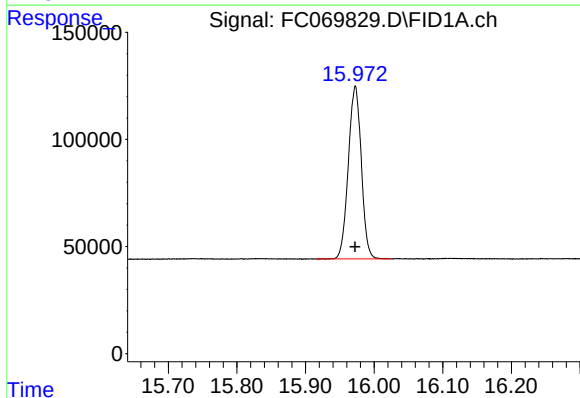
R.T.: 13.846 min
Delta R.T.: 0.000 min
Response: 1053142
Conc: 5.80 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



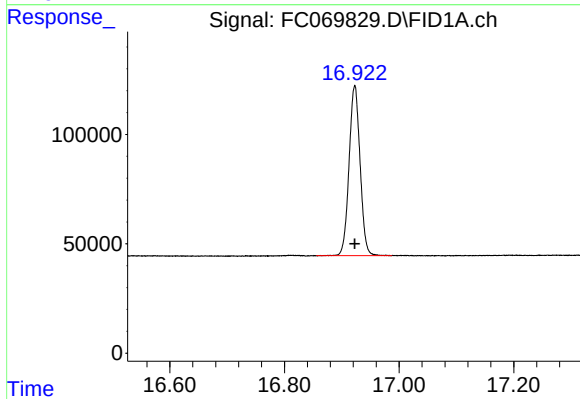
#14 n-Tetracosane (C24)

R.T.: 14.950 min
Delta R.T.: 0.000 min
Response: 1073474
Conc: 5.83 ug/ml



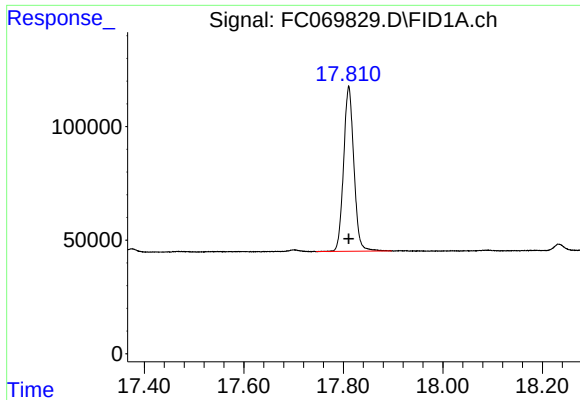
#15 n-Hexacosane (C26)

R.T.: 15.972 min
Delta R.T.: 0.000 min
Response: 1060487
Conc: 5.84 ug/ml



#16 n-Octacosane (C28)

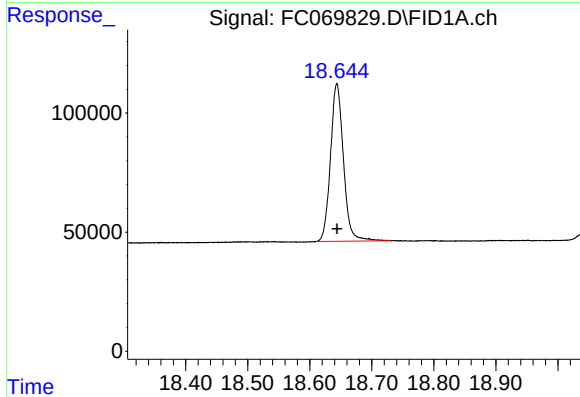
R.T.: 16.923 min
Delta R.T.: 0.000 min
Response: 1036040
Conc: 5.87 ug/ml



#17 n-Tricontane (C30)

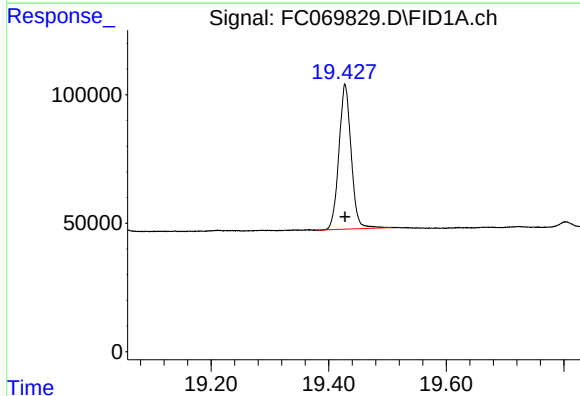
R.T.: 17.811 min
Delta R.T.: 0.000 min
Response: 1040062
Conc: 5.94 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



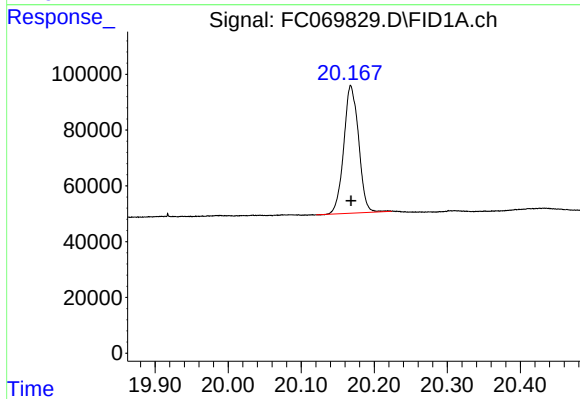
#18 n-Dotriacontane (C32)

R.T.: 18.644 min
Delta R.T.: 0.000 min
Response: 960150
Conc: 5.93 ug/ml



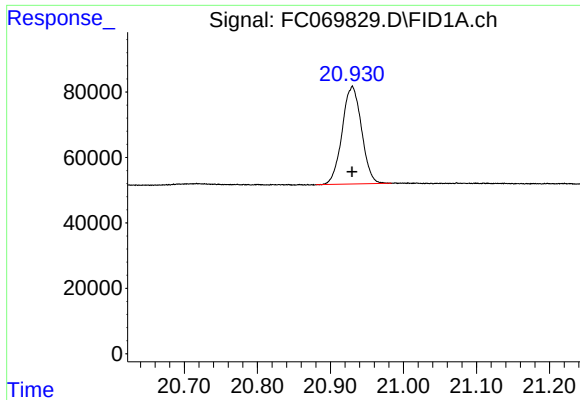
#19 n-Tetratriacontane (C34)

R.T.: 19.428 min
Delta R.T.: 0.000 min
Response: 814137
Conc: 5.83 ug/ml



#20 n-Hexatriacontane (C36)

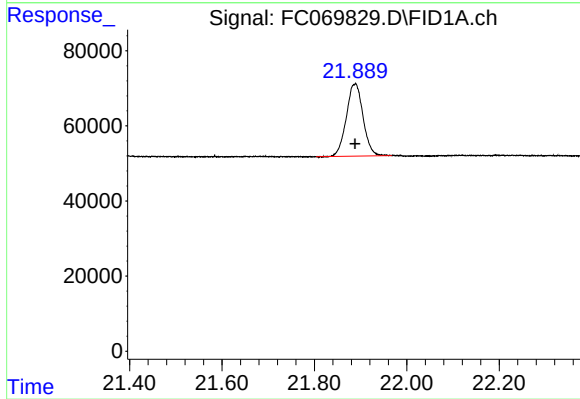
R.T.: 20.168 min
Delta R.T.: 0.000 min
Response: 645568
Conc: 5.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.930 min
Delta R.T.: 0.000 min
Response: 550260
Conc: 5.70 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.888 min
Delta R.T.: 0.000 min
Response: 483358
Conc: 5.61 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
 Data File : FC069829.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2025 13:33
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.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	3.400	3.347	3.435	BB	82103	690670	64.34%	3.608%
2	4.472	4.414	4.527	BB	78789	714177	66.53%	3.730%
3	6.067	6.009	6.139	BB	80115	789322	73.53%	4.123%
4	6.494	6.434	6.539	BB	78051	745101	69.41%	3.892%
5	7.124	7.062	7.217	BB	75306	780078	72.67%	4.075%
6	8.291	8.240	8.365	BB	75214	798401	74.38%	4.170%
7	9.894	9.840	9.972	BB	80462	902897	84.11%	4.716%
8	11.336	11.280	11.399	BB	85606	1003305	93.46%	5.241%
9	11.658	11.599	11.710	BB	93859	1026900	95.66%	5.364%
10	12.647	12.585	12.697	BB	88391	1035429	96.46%	5.408%
11	13.094	13.035	13.127	BB	74816	900913	83.92%	4.706%
12	13.259	13.199	13.317	BB	86706	1041203	96.99%	5.438%
13	13.846	13.784	13.897	BB	88668	1053142	98.11%	5.501%
14	14.950	14.890	14.999	BB	81777	1073474	100.00%	5.607%
15	15.972	15.915	16.025	BB	80750	1060487	98.79%	5.539%
16	16.923	16.855	16.987	BB	77593	1036040	96.51%	5.412%
17	17.811	17.745	17.897	BB	72669	1040062	96.89%	5.433%
18	18.644	18.610	18.732	BB	66291	960150	89.44%	5.015%
19	19.428	19.379	19.507	BB	55983	814137	75.84%	4.252%
20	20.168	20.120	20.224	BB	45474	645568	60.14%	3.372%
21	20.930	20.880	20.984	BB	30013	550260	51.26%	2.874%
22	21.888	21.804	21.967	BB	19339	483358	45.03%	2.525%
Sum of corrected areas:							19145073	

Aliphatic EPH 092325.M Tue Sep 23 15:02:48 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
 Data File : FC069830.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2025 14:19
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Sep 23 14:57:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 14:56:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.662	3944296	21.059 ug/ml
Spiked Amount 50.000		Recovery =	42.12%
12) S 1-chlorooctadecane (S...	13.096	3385642	21.439 ug/ml
Spiked Amount 50.000		Recovery =	42.88%
Target Compounds			
1) T n-Nonane (C9)	3.400	2587945	20.188 ug/ml
2) T n-Decane (C10)	4.472	2696976	20.296 ug/ml
3) T A~Naphthalene (C11.7)	6.066	3010987	20.283 ug/ml
4) T n-Dodecane (C12)	6.495	2862396	20.519 ug/ml
5) T A~2-methylnaphthalene...	7.124	3005230	20.355 ug/ml
6) T n-Tetradecane (C14)	8.292	3075270	20.734 ug/ml
7) T n-Hexadecane (C16)	9.895	3478786	21.080 ug/ml
8) T n-Octadecane (C18)	11.339	3824558	21.460 ug/ml
10) T n-Eicosane (C20)	12.650	3869114	21.482 ug/ml
11) T n-Heneicosane (C21)	13.262	3873195	21.480 ug/ml
13) T n-Docosane (C22)	13.849	3899823	21.466 ug/ml
14) T n-Tetracosane (C24)	14.952	3930964	21.364 ug/ml
15) T n-Hexacosane (C26)	15.975	3861498	21.268 ug/ml
16) T n-Octacosane (C28)	16.926	3741360	21.194 ug/ml
17) T n-Tricontane (C30)	17.814	3698274	21.129 ug/ml
18) T n-Dotriacontane (C32)	18.647	3416454	21.117 ug/ml
19) T n-Tetratriacontane (C34)	19.431	2923117	20.916 ug/ml
20) T n-Hexatriacontane (C36)	20.170	2353381	20.845 ug/ml
21) T n-Octatriacontane (C38)	20.932	1955011	20.266 ug/ml
22) T n-Tetracontane (C40)	21.891	1713231	19.892 ug/ml

(f)=RT Delta > 1/2 Window

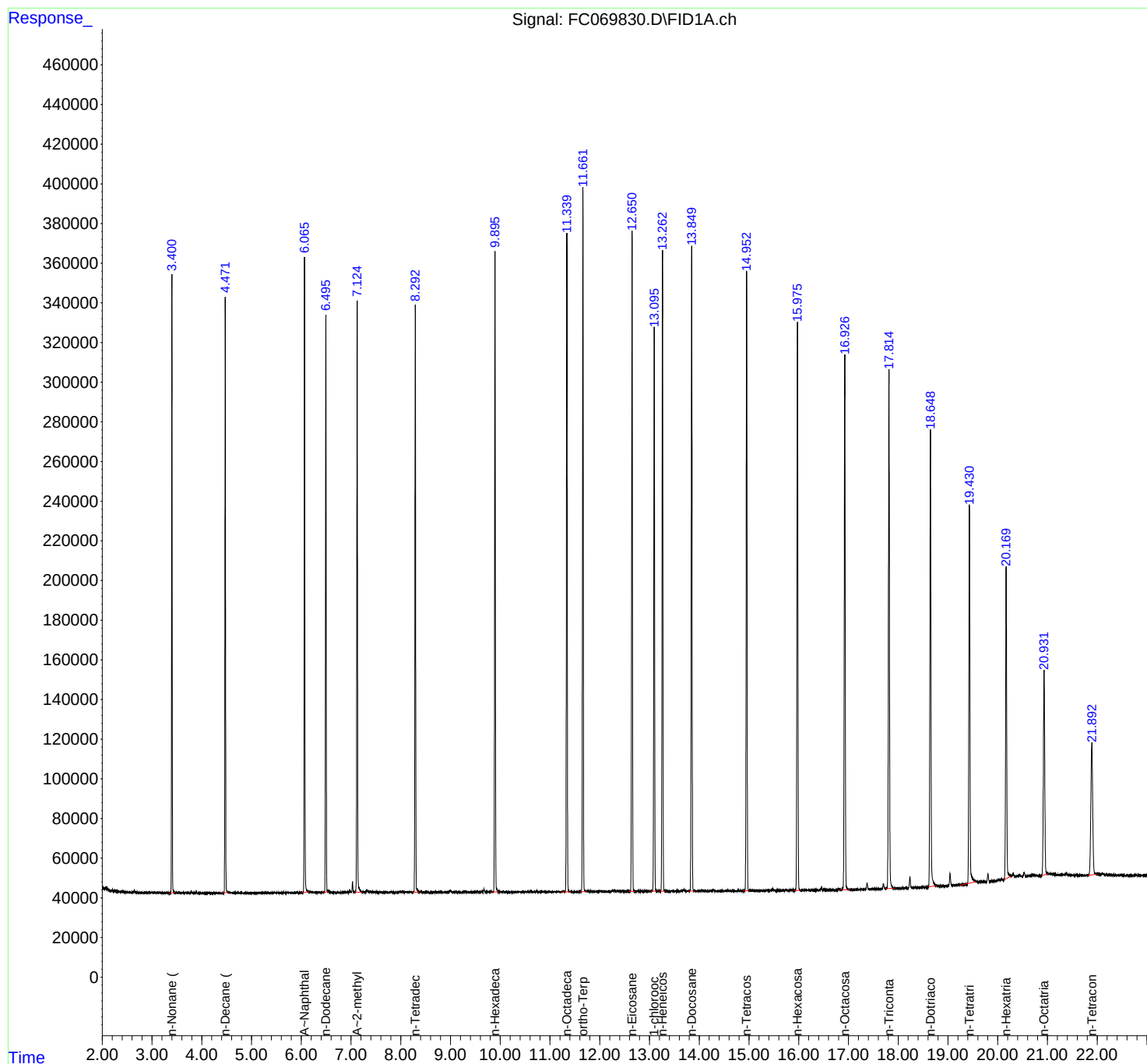
(m)=manual int.

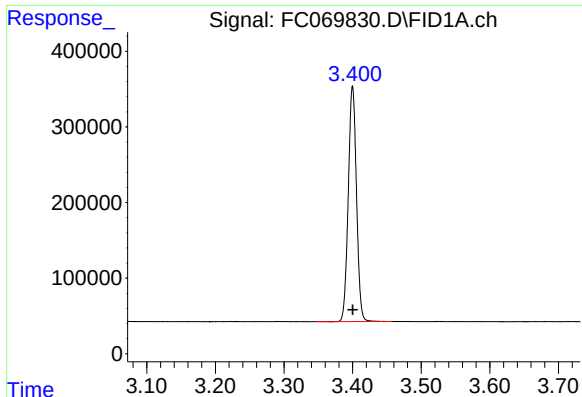
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
Data File : FC069830.D
Signal(s) : FID1A.ch
Acq On : 23 Sep 2025 14:19
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Sep 23 14:57:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
Quant Title : GC Extractables
QLast Update : Tue Sep 23 14:56:40 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)

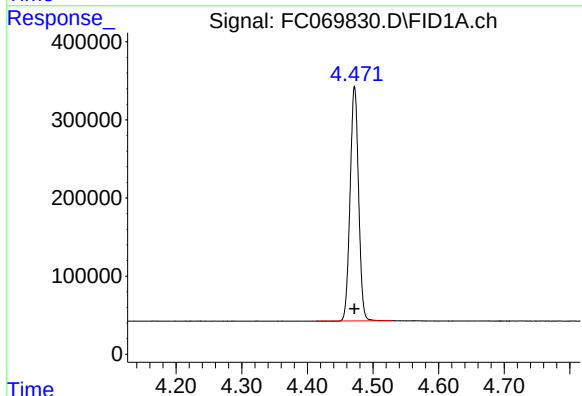
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 2587945
Conc: 20.19 ug/ml

Instrument :

FID_C

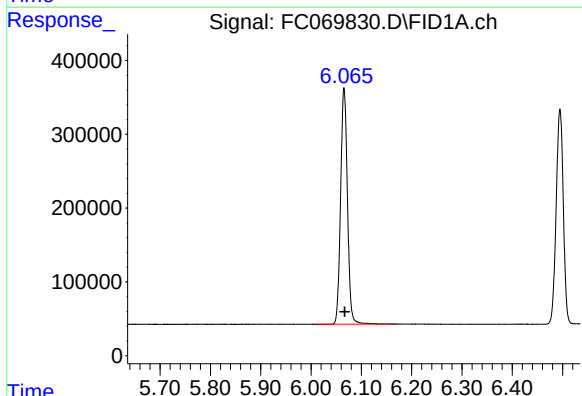
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



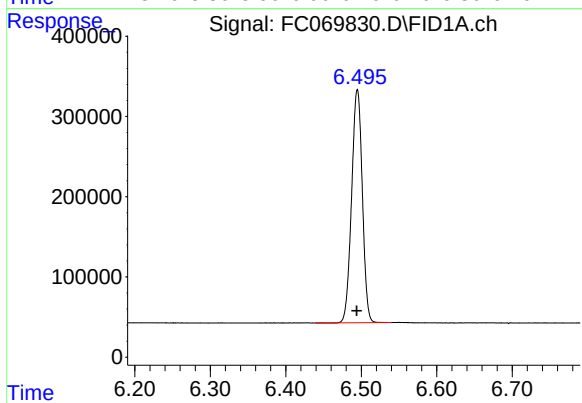
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 2696976
Conc: 20.30 ug/ml



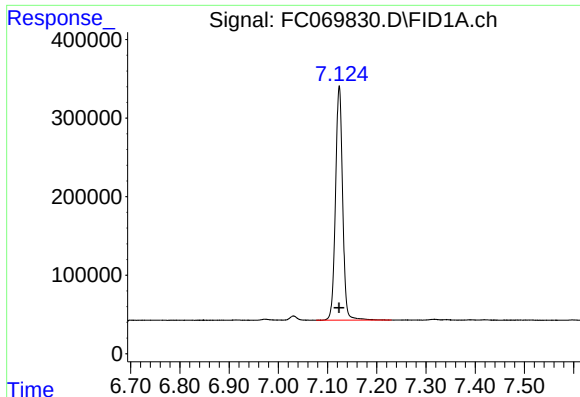
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 3010987
Conc: 20.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 2862396
Conc: 20.52 ug/ml



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

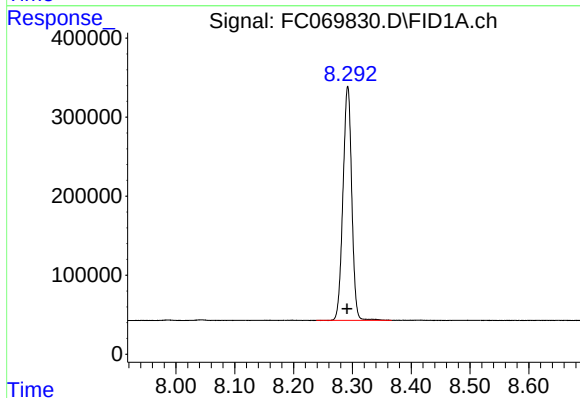
R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 3005230
Conc: 20.35 ug/ml

Instrument :

FID_C

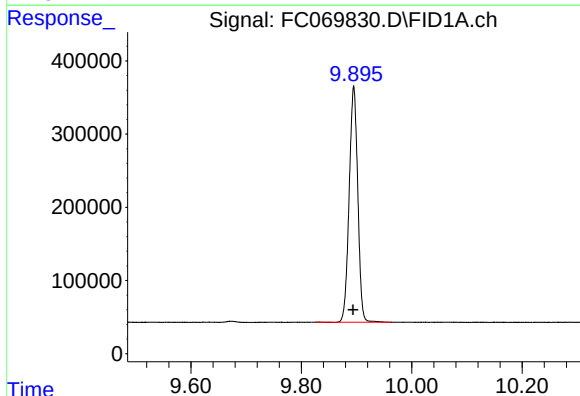
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



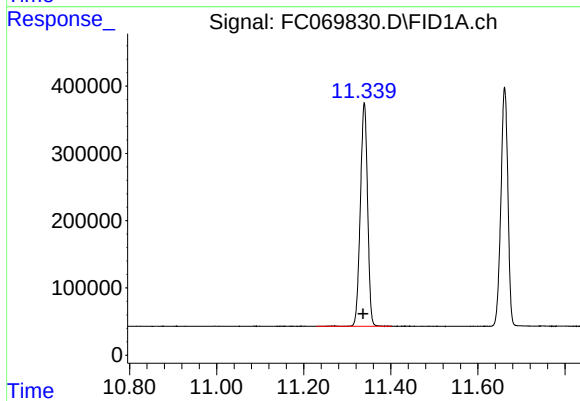
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: 0.001 min
Response: 3075270
Conc: 20.73 ug/ml



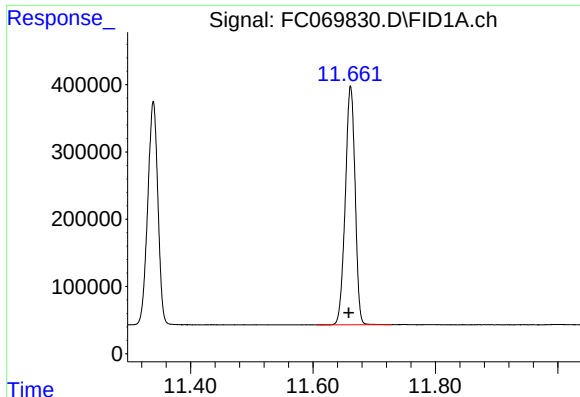
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: 0.001 min
Response: 3478786
Conc: 21.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.339 min
Delta R.T.: 0.003 min
Response: 3824558
Conc: 21.46 ug/ml



#9 ortho-Terphenyl (SURR)

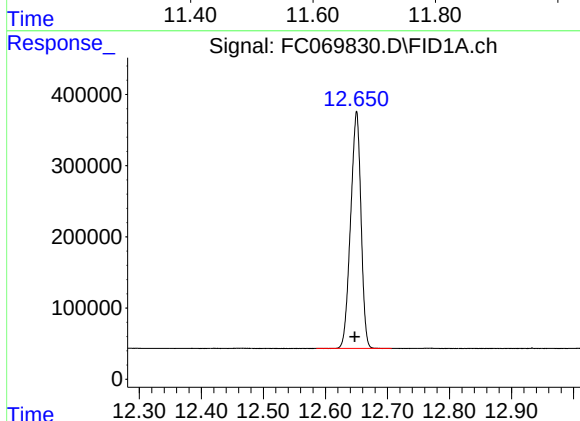
R.T.: 11.662 min
Delta R.T.: 0.003 min
Response: 3944296
Conc: 21.06 ug/ml

Instrument :

FID_C

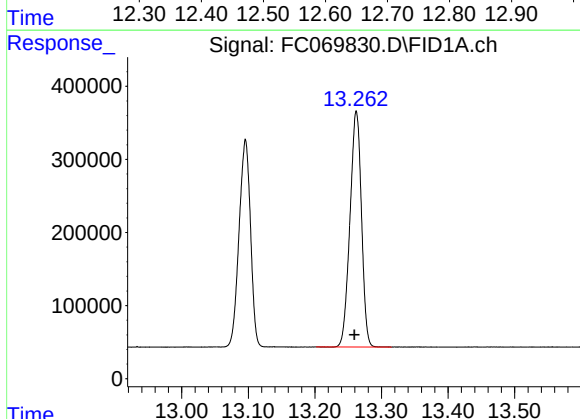
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



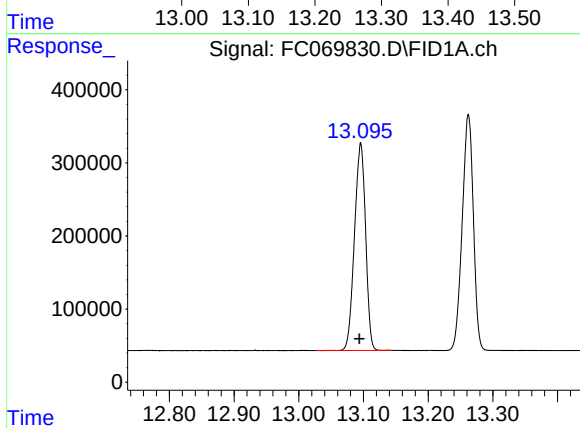
#10 n-Eicosane (C20)

R.T.: 12.650 min
Delta R.T.: 0.003 min
Response: 3869114
Conc: 21.48 ug/ml



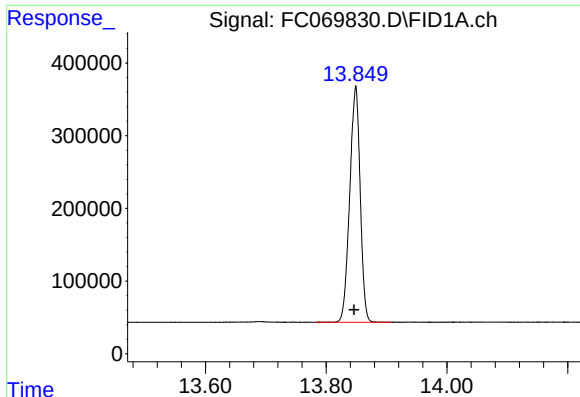
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: 0.003 min
Response: 3873195
Conc: 21.48 ug/ml



#12 1-chlorooctadecane (SURR)

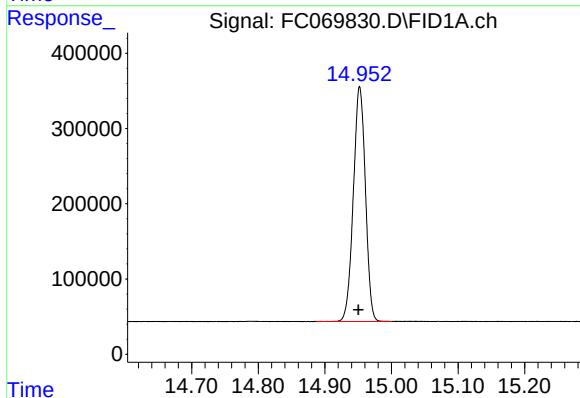
R.T.: 13.096 min
Delta R.T.: 0.002 min
Response: 3385642
Conc: 21.44 ug/ml



#13 n-Docosane (C22)

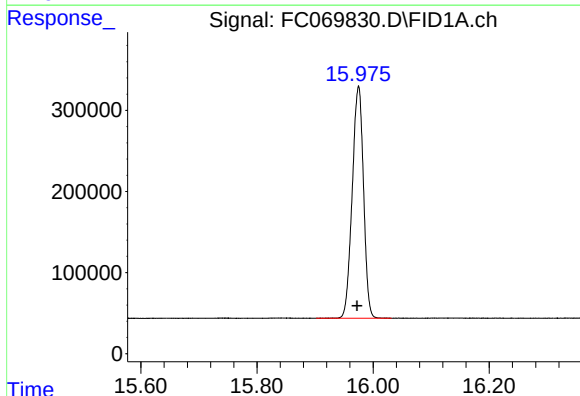
R.T.: 13.849 min
Delta R.T.: 0.002 min
Response: 3899823
Conc: 21.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



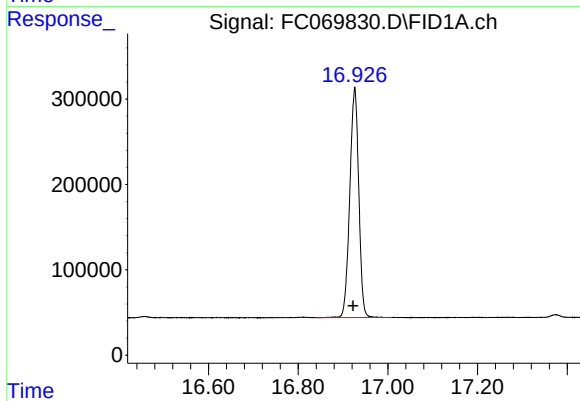
#14 n-Tetracosane (C24)

R.T.: 14.952 min
Delta R.T.: 0.002 min
Response: 3930964
Conc: 21.36 ug/ml



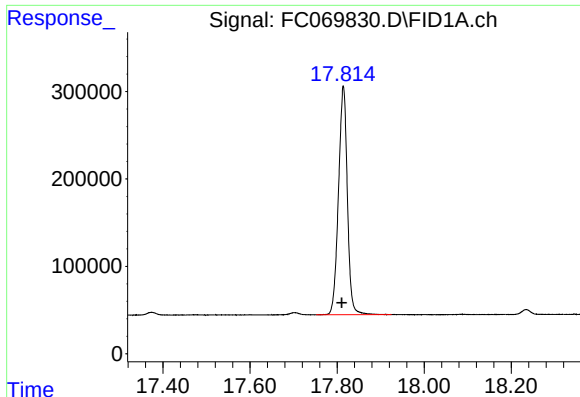
#15 n-Hexacosane (C26)

R.T.: 15.975 min
Delta R.T.: 0.002 min
Response: 3861498
Conc: 21.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.926 min
Delta R.T.: 0.003 min
Response: 3741360
Conc: 21.19 ug/ml



#17 n-Tricontane (C30)

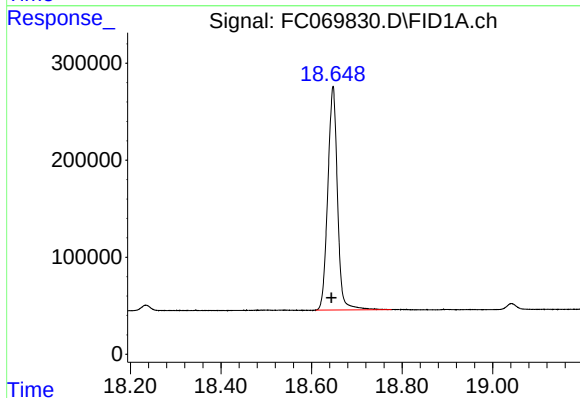
R.T.: 17.814 min
Delta R.T.: 0.003 min
Response: 3698274
Conc: 21.13 ug/ml

Instrument :

FID_C

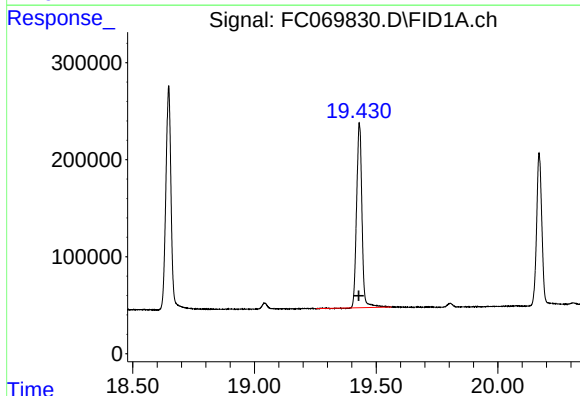
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



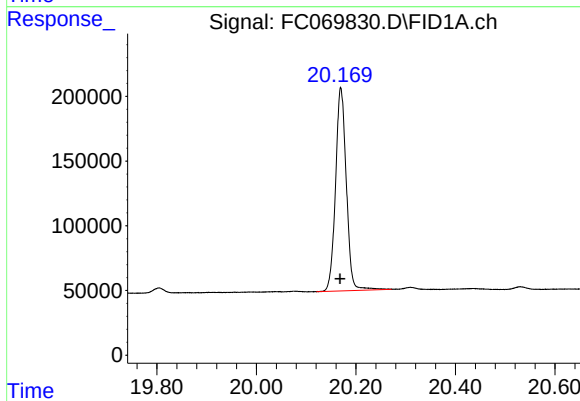
#18 n-Dotriacontane (C32)

R.T.: 18.647 min
Delta R.T.: 0.004 min
Response: 3416454
Conc: 21.12 ug/ml



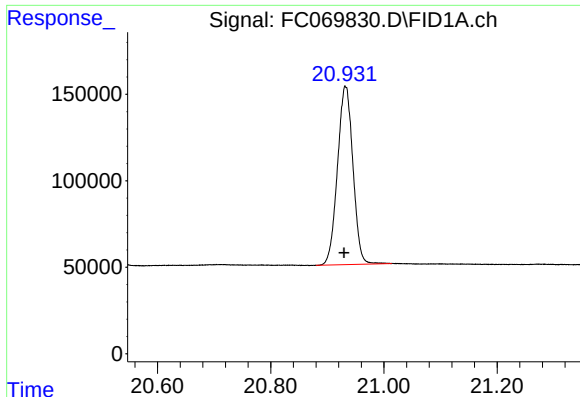
#19 n-Tetratriacontane (C34)

R.T.: 19.431 min
Delta R.T.: 0.003 min
Response: 2923117
Conc: 20.92 ug/ml



#20 n-Hexatriacontane (C36)

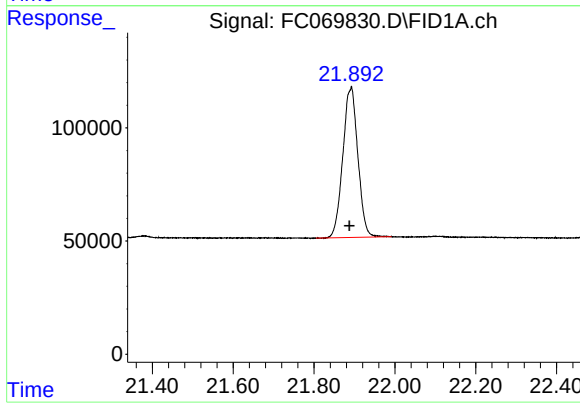
R.T.: 20.170 min
Delta R.T.: 0.001 min
Response: 2353381
Conc: 20.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.932 min
Delta R.T.: 0.002 min
Response: 1955011
Conc: 20.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.891 min
Delta R.T.: 0.003 min
Response: 1713231
Conc: 19.89 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
 Data File : FC069830.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2025 14:19
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.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	3.400	3.347	3.457	BB	311244	2587945	65.61%	3.639%
2	4.472	4.413	4.528	BB	300413	2696976	68.38%	3.793%
3	6.066	6.010	6.160	BB	320489	3010987	76.34%	4.234%
4	6.495	6.440	6.540	BB	291119	2862396	72.57%	4.025%
5	7.124	7.077	7.230	BB	298154	3005230	76.19%	4.226%
6	8.292	8.238	8.367	BB	296362	3075270	77.97%	4.325%
7	9.895	9.827	9.963	BB	322917	3478786	88.20%	4.892%
8	11.339	11.228	11.402	BB	332423	3824558	96.96%	5.379%
9	11.662	11.605	11.728	BB	354767	3944296	100.00%	5.547%
10	12.650	12.585	12.707	BB	333811	3869114	98.09%	5.441%
11	13.096	13.027	13.143	BB	283933	3385642	85.84%	4.761%
12	13.262	13.202	13.315	BB	322849	3873195	98.20%	5.447%
13	13.849	13.783	13.908	BB	323771	3899823	98.87%	5.484%
14	14.952	14.887	15.000	BB	312322	3930964	99.66%	5.528%
15	15.975	15.902	16.032	BB	287056	3861498	97.90%	5.431%
16	16.926	16.840	17.008	BB	271021	3741360	94.85%	5.262%
17	17.814	17.752	17.925	BB	261257	3698274	93.76%	5.201%
18	18.647	18.610	18.777	BB	230553	3416454	86.62%	4.805%
19	19.431	19.253	19.563	BB	188373	2923117	74.11%	4.111%
20	20.170	20.120	20.272	BB	156767	2353381	59.67%	3.310%
21	20.932	20.880	21.013	BB	103062	1955011	49.57%	2.749%
22	21.891	21.805	21.992	BB	66476	1713231	43.44%	2.409%
Sum of corrected areas:							71107505	

Aliphatic EPH 092325.M Tue Sep 23 15:02:31 2025