

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

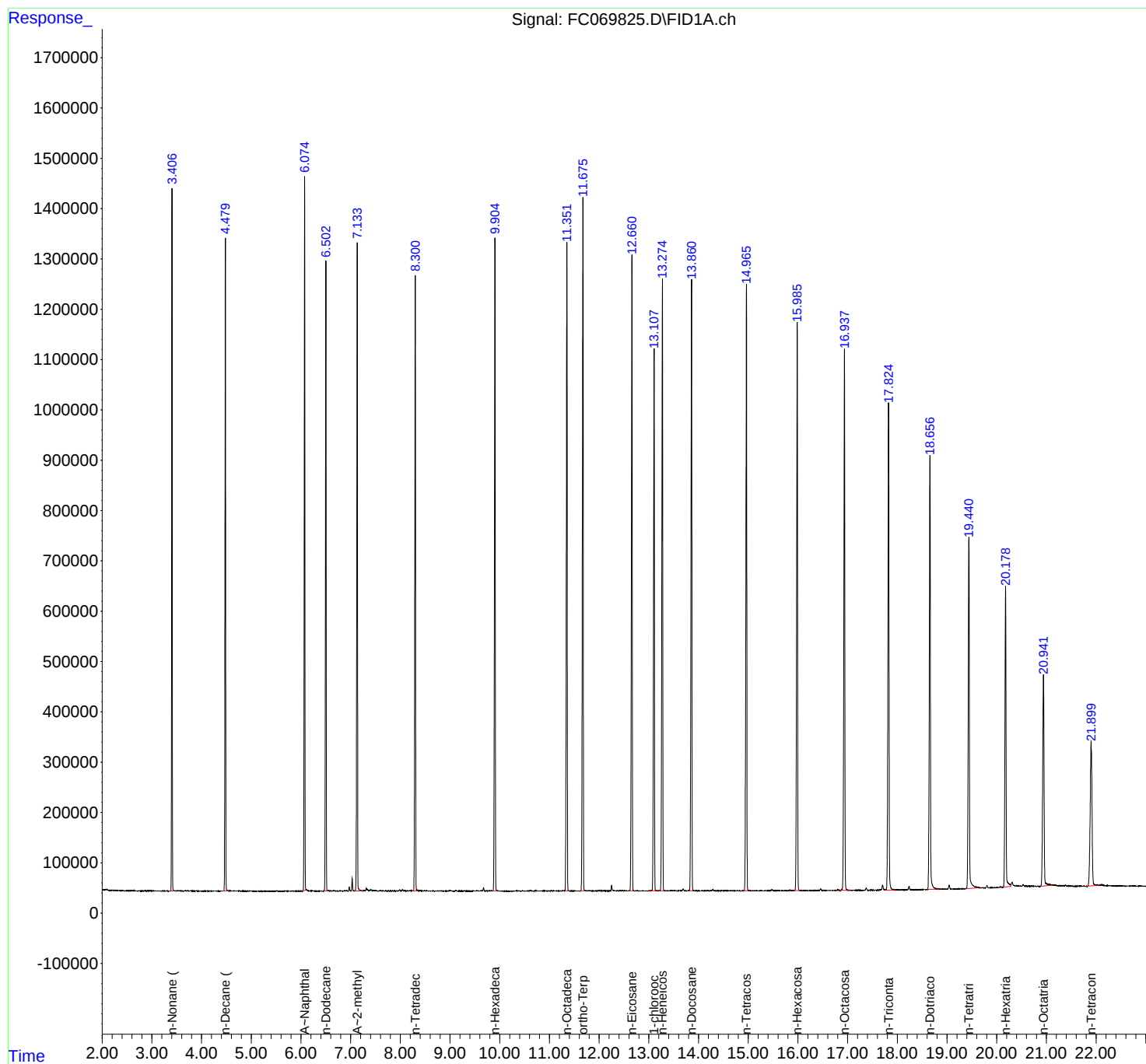
(m)=manual int.

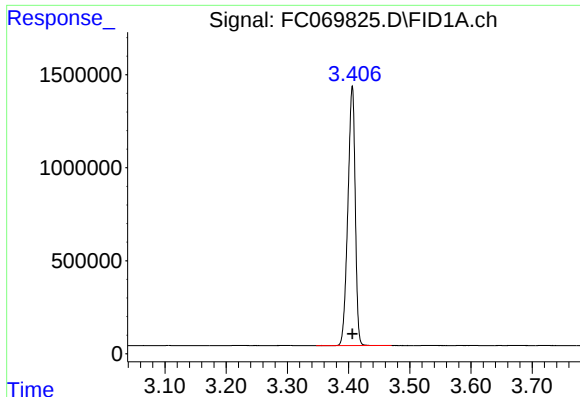
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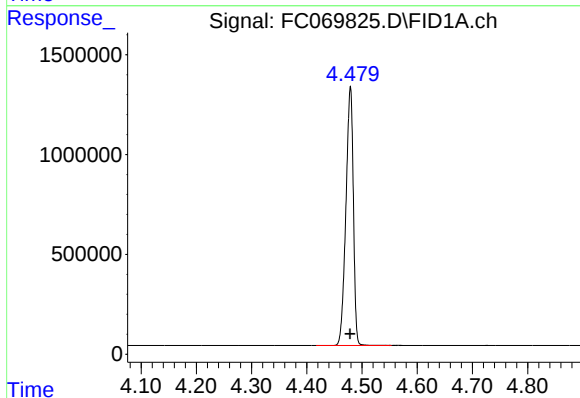




#1 n-Nonane (C9)

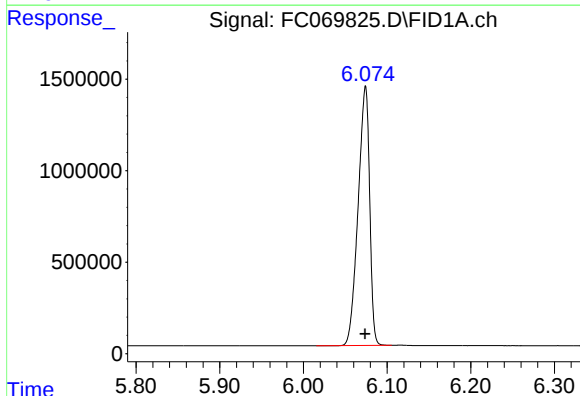
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 11645434
Conc: 92.78 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



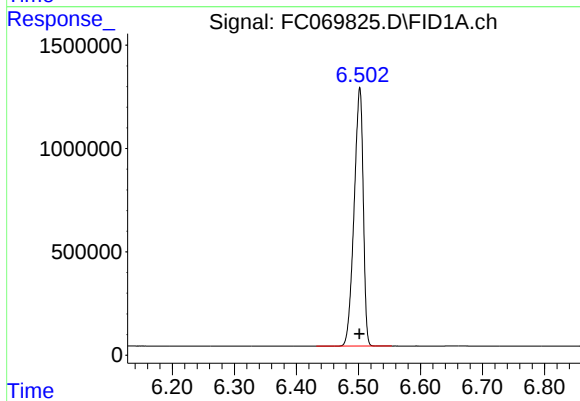
#2 n-Decane (C10)

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



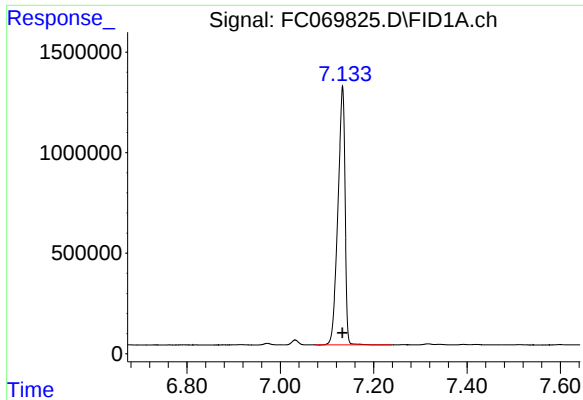
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

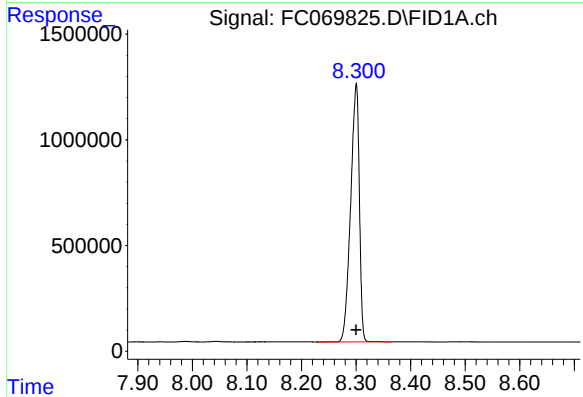
R.T.: 6.502 min
Delta R.T.: 0.000 min
Response: 12761168
Conc: 92.36 ug/ml



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

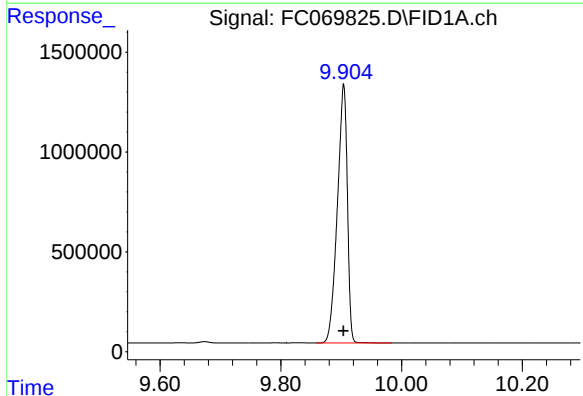
R.T.: 7.133 min
Delta R.T.: 0.000 min
Response: 13632065
Conc: 93.33 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



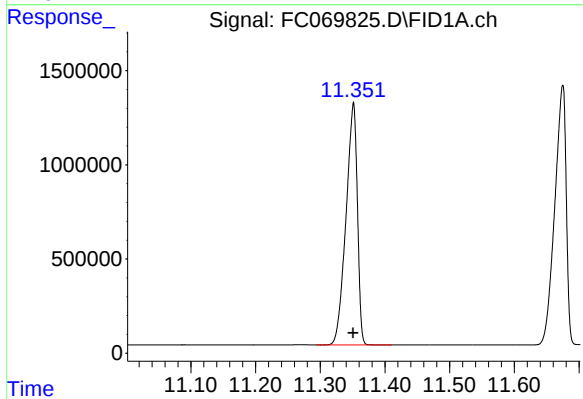
#6 n-Tetradecane (C14)

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



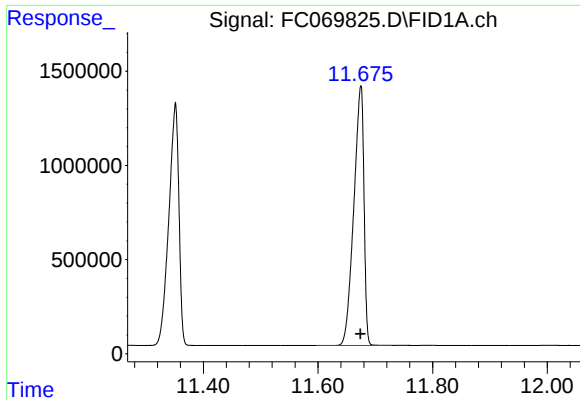
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

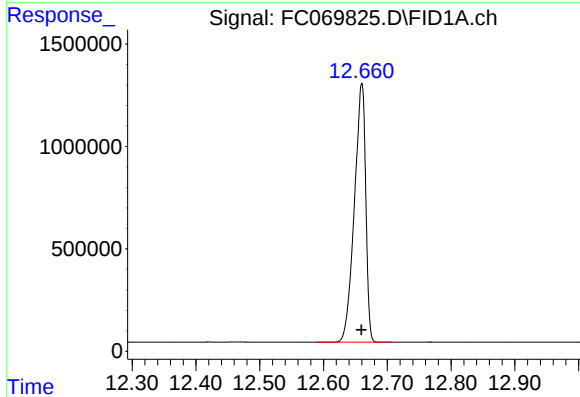
R.T.: 11.351 min
Delta R.T.: 0.000 min
Response: 15683416
Conc: 89.70 ug/ml



#9 ortho-Terphenyl (SURR)

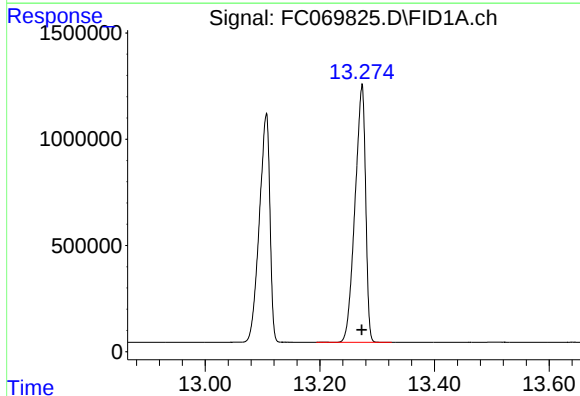
R.T.: 11.674 min
Delta R.T.: 0.000 min
Response: 16923747
Conc: 91.70 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



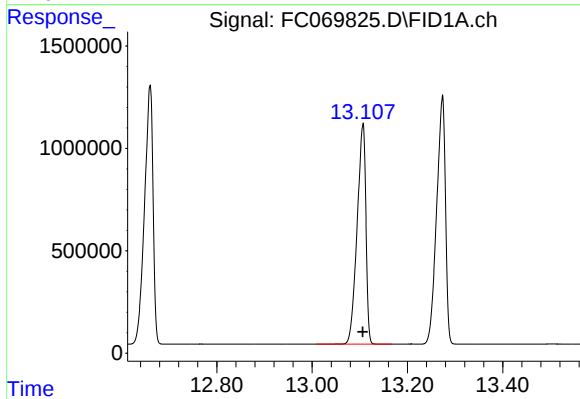
#10 n-Eicosane (C20)

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



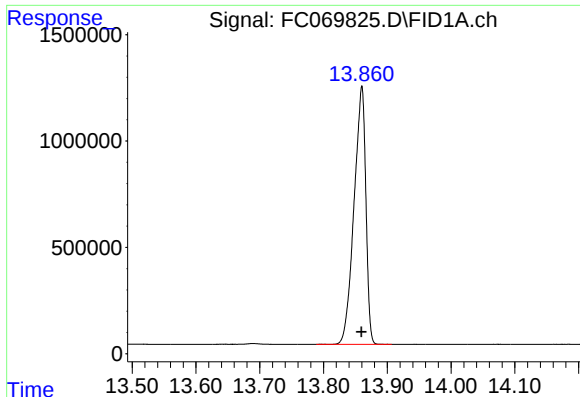
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

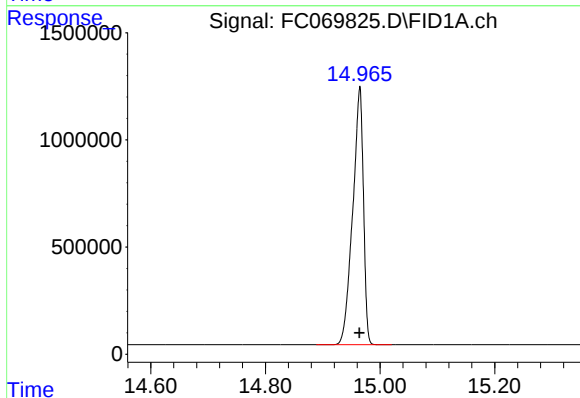
R.T.: 13.106 min
Delta R.T.: 0.000 min
Response: 13748454
Conc: 88.75 ug/ml



#13 n-Docosane (C22)

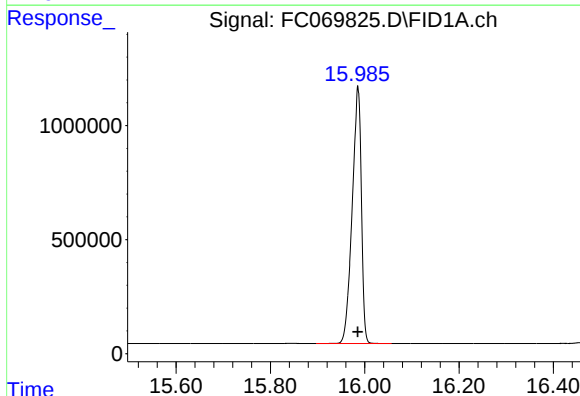
R.T.: 13.860 min
Delta R.T.: 0.000 min
Response: 15568351
Conc: 87.64 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



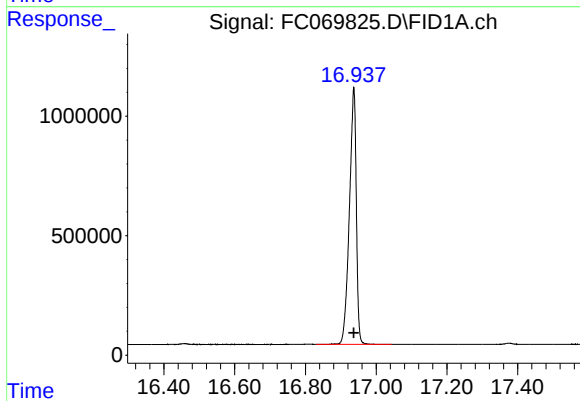
#14 n-Tetracosane (C24)

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



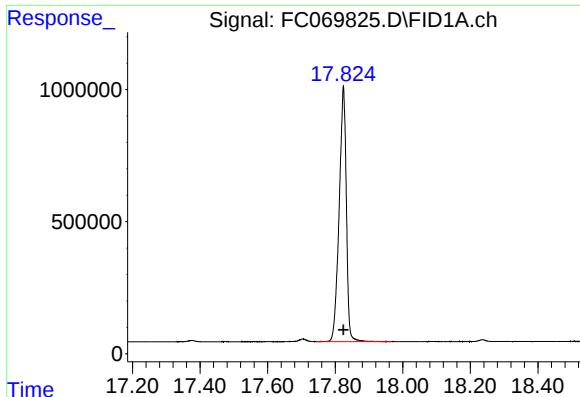
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

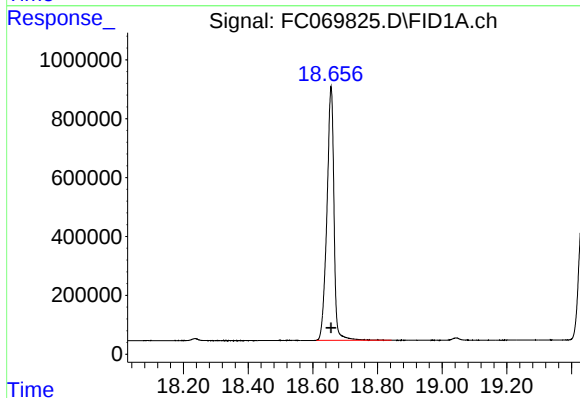
R.T.: 16.936 min
Delta R.T.: 0.000 min
Response: 14583672
Conc: 84.89 ug/ml



#17 n-Tricontane (C30)

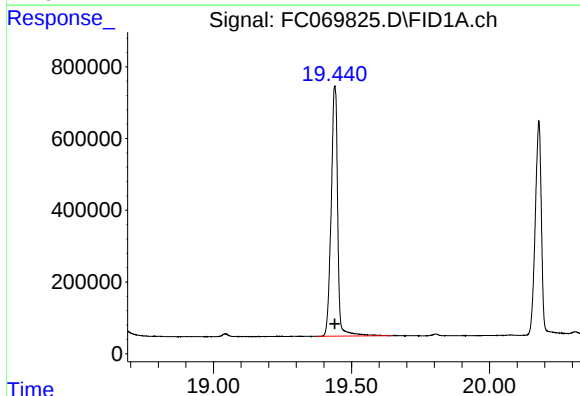
R.T.: 17.824 min
Delta R.T.: 0.000 min
Response: 14231420
Conc: 84.23 ug/ml

Instrument :
FID_C
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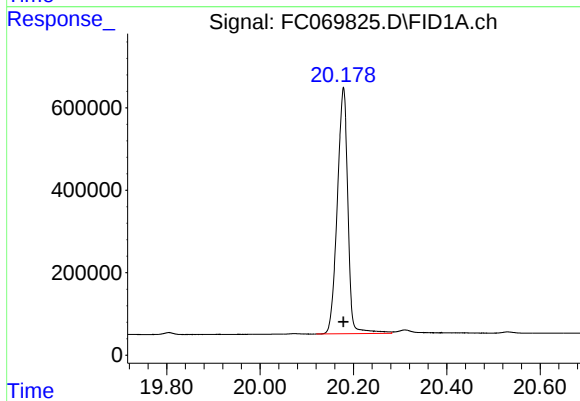
#18 n-Dotriacontane (C32)

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



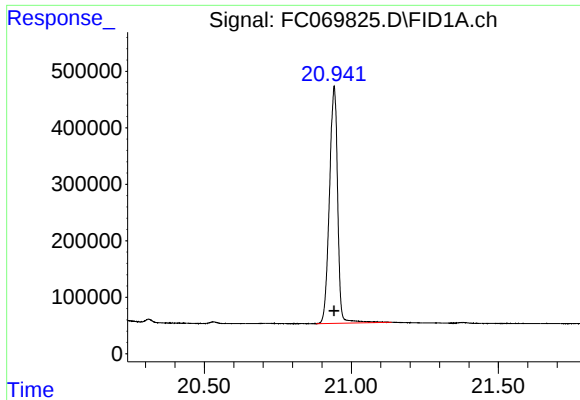
#19 n-Tetratriacontane (C34)

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)

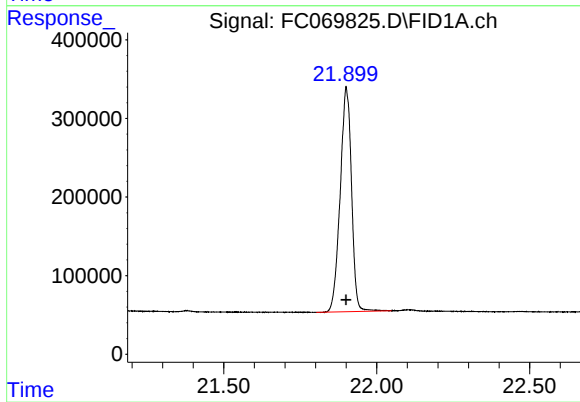
R.T.: 20.942 min
Delta R.T.: 0.000 min
Response: 8180165
Conc: 88.37 ug/ml

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