

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
 Data File : FC069755.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 09:29
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 27 11:12:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 11:07:55 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)	11.665	6287987	50.125 ug/ml
Spiked Amount 50.000		Recovery =	100.25%
12) S 1-chlorooctadecane (S...	13.099	4680831	50.101 ug/ml
Spiked Amount 50.000		Recovery =	100.20%
Target Compounds			
1) T n-Nonane (C9)	3.398	6060981	50.186 ug/ml
2) T n-Decane (C10)	4.470	6181181	50.214 ug/ml
3) T A~Naphthalene (C11.7)	6.064	6543987	50.255 ug/ml
4) T n-Dodecane (C12)	6.494	6247069	50.241 ug/ml
5) T A~2-methylnaphthalene...	7.123	6245926	50.202 ug/ml
6) T n-Tetradecane (C14)	8.293	6187184	50.171 ug/ml
7) T n-Hexadecane (C16)	9.897	6261299	50.113 ug/ml
8) T n-Octadecane (C18)	11.342	6097108	50.159 ug/ml
10) T n-Eicosane (C20)	12.653	5627630	50.068 ug/ml
11) T n-Heneicosane (C21)	13.265	5425036	50.044 ug/ml
13) T n-Docosane (C22)	13.853	5297854	50.081 ug/ml
14) T n-Tetracosane (C24)	14.958	5084446	50.045 ug/ml
15) T n-Hexacosane (C26)	15.980	4853562	50.040 ug/ml
16) T n-Octacosane (C28)	16.930	4644005	50.024 ug/ml
17) T n-Tricontane (C30)	17.821	4598262	49.998 ug/ml
18) T n-Dotriacontane (C32)	18.653	4414394	50.003 ug/ml
19) T n-Tetratriacontane (C34)	19.438	4100779	50.034 ug/ml
20) T n-Hexatriacontane (C36)	20.180	3646224	50.069 ug/ml
21) T n-Octatriacontane (C38)	20.946	3378956	50.135 ug/ml
22) T n-Tetracontane (C40)	21.905	3200341	50.254 ug/ml

(f)=RT Delta > 1/2 Window

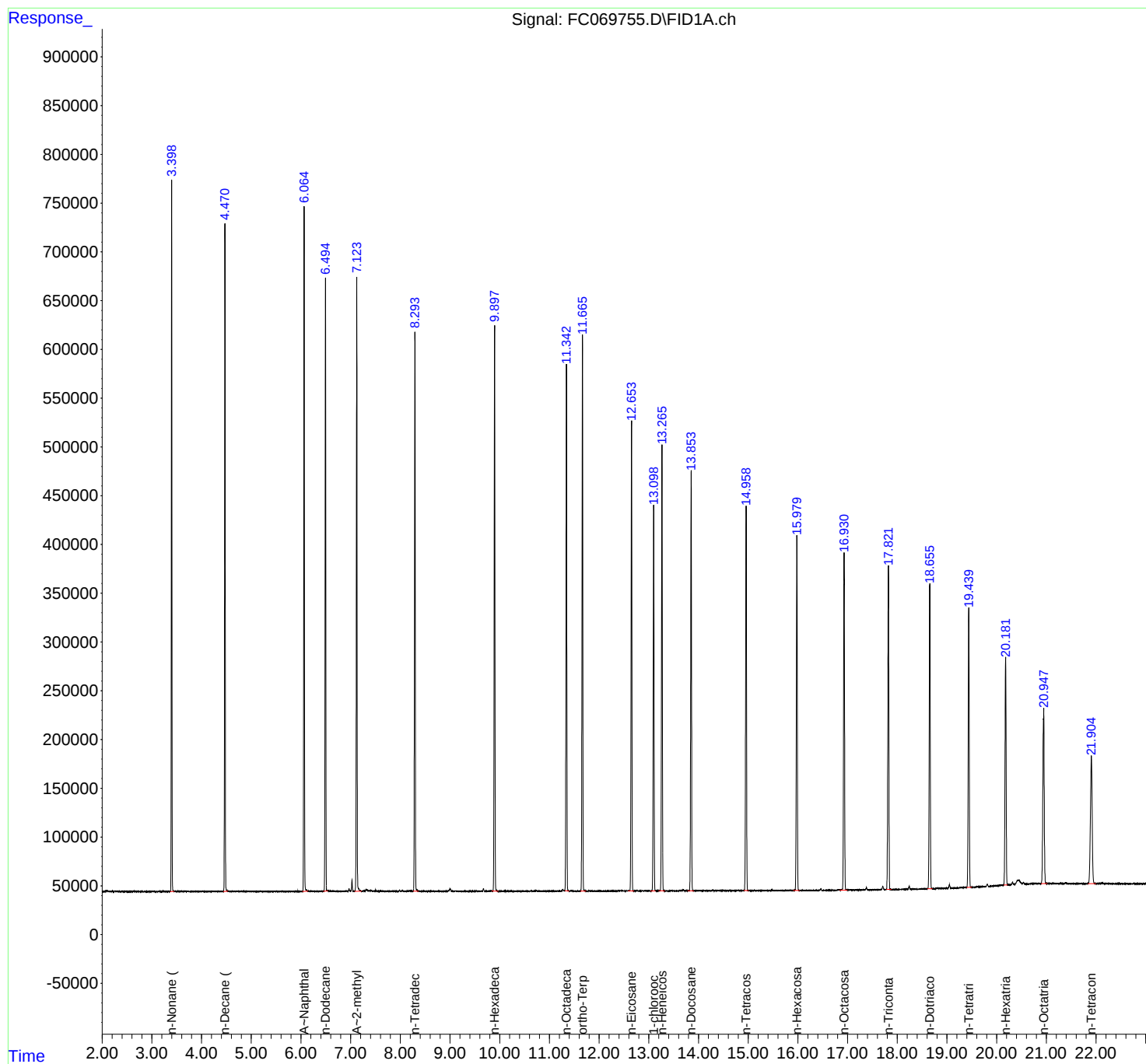
(m)=manual int.

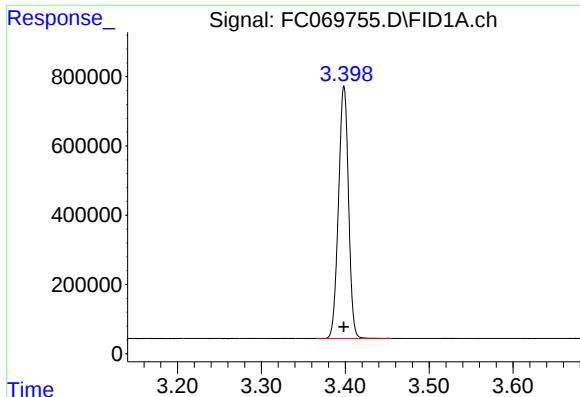
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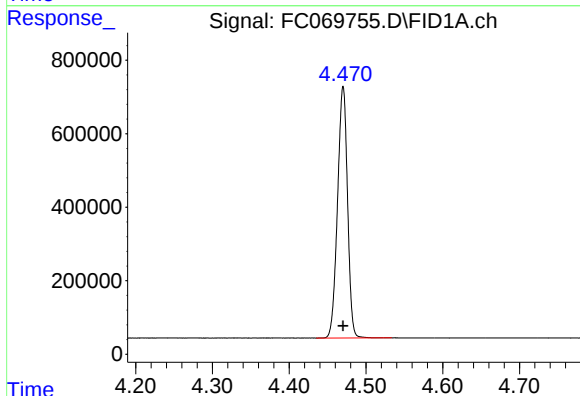




#1 n-Nonane (C9)

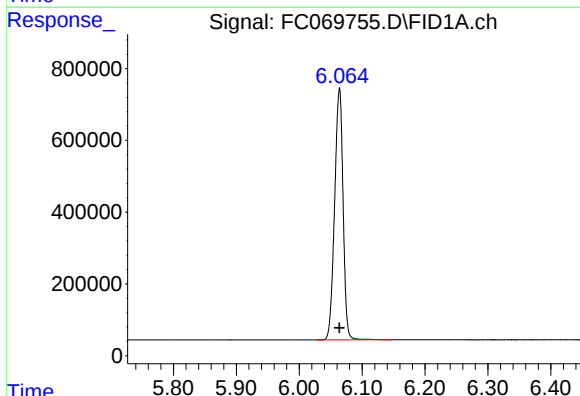
R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 6060981
Conc: 50.19 ug/ml

Instrument :
FID_C
ClientSampleId :



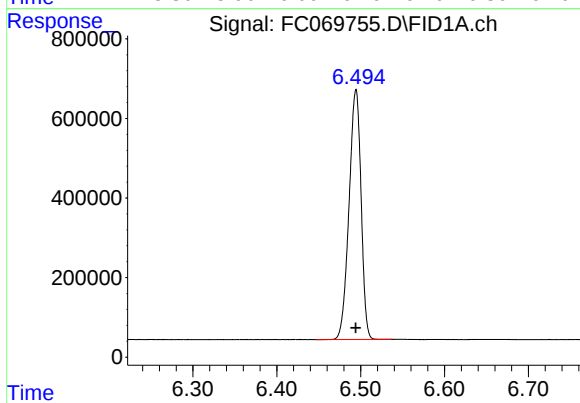
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 6181181
Conc: 50.21 ug/ml



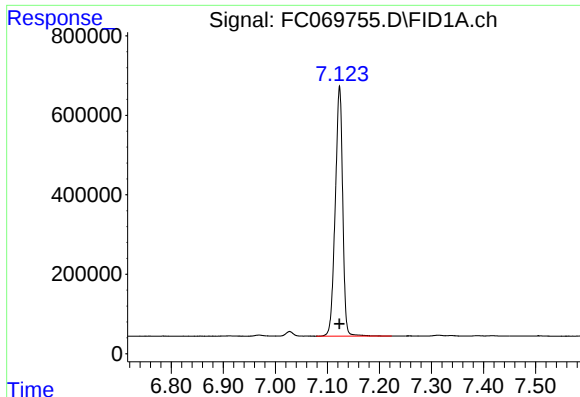
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 6543987
Conc: 50.25 ug/ml



#4 n-Dodecane (C12)

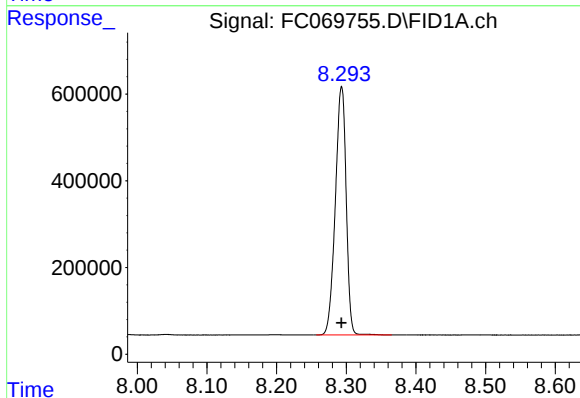
R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 6247069
Conc: 50.24 ug/ml



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

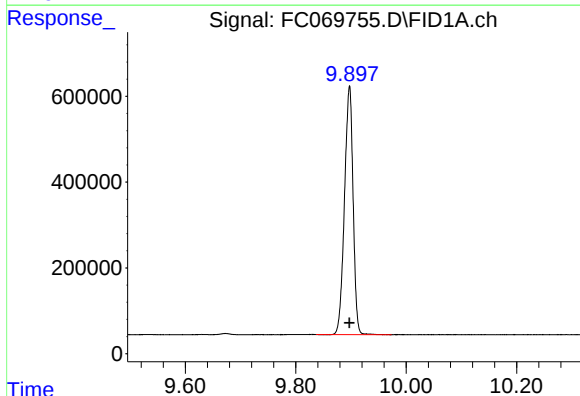
R.T.: 7.123 min
Delta R.T.: 0.000 min
Response: 6245926
Conc: 50.20 ug/ml

Instrument :
FID_C
ClientSampleId :



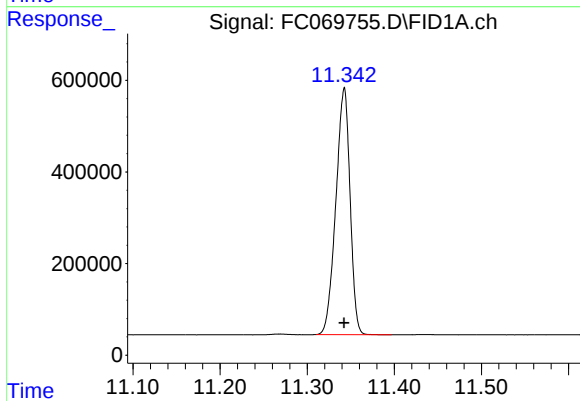
#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 6187184
Conc: 50.17 ug/ml



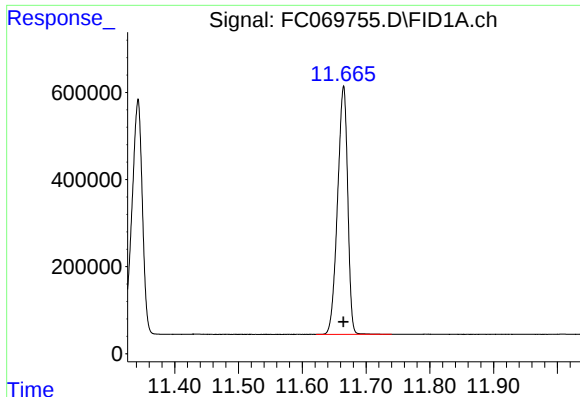
#7 n-Hexadecane (C16)

R.T.: 9.897 min
Delta R.T.: 0.000 min
Response: 6261299
Conc: 50.11 ug/ml



#8 n-Octadecane (C18)

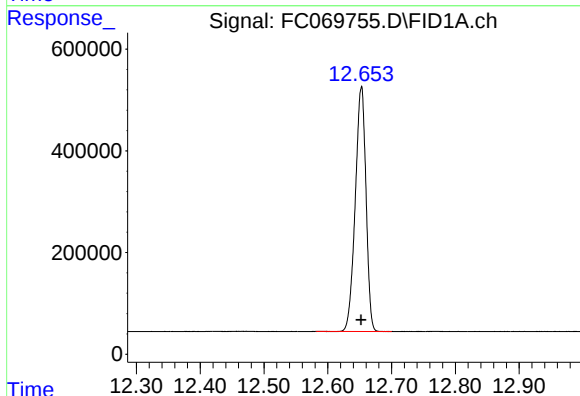
R.T.: 11.342 min
Delta R.T.: 0.000 min
Response: 6097108
Conc: 50.16 ug/ml



#9 ortho-Terphenyl (SURR)

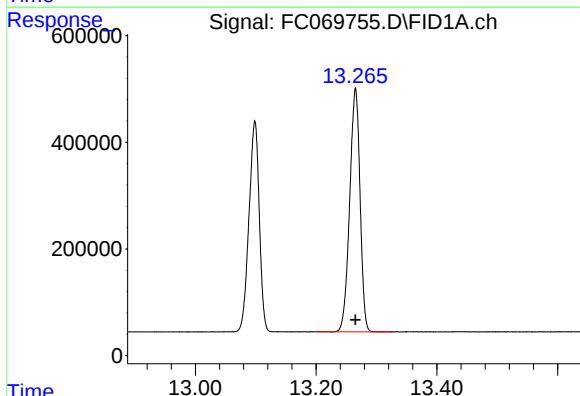
R.T.: 11.665 min
Delta R.T.: 0.000 min
Response: 6287987
Conc: 50.13 ug/ml

Instrument :
FID_C
ClientSampleId :



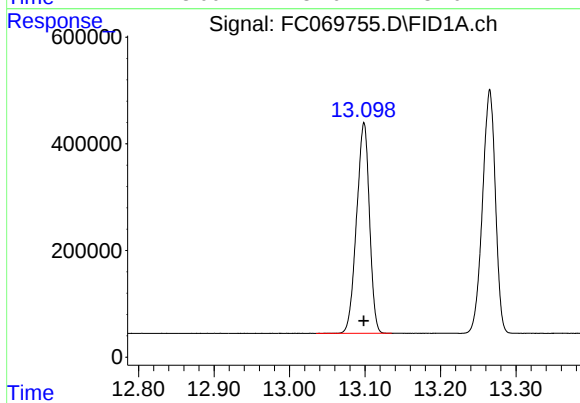
#10 n-Eicosane (C20)

R.T.: 12.653 min
Delta R.T.: 0.000 min
Response: 5627630
Conc: 50.07 ug/ml



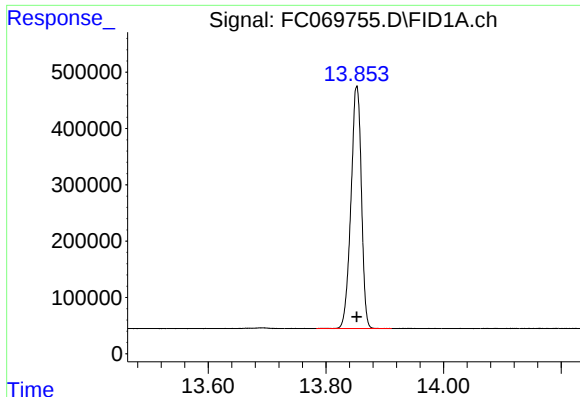
#11 n-Heneicosane (C21)

R.T.: 13.265 min
Delta R.T.: 0.000 min
Response: 5425036
Conc: 50.04 ug/ml



#12 1-chlorooctadecane (SURR)

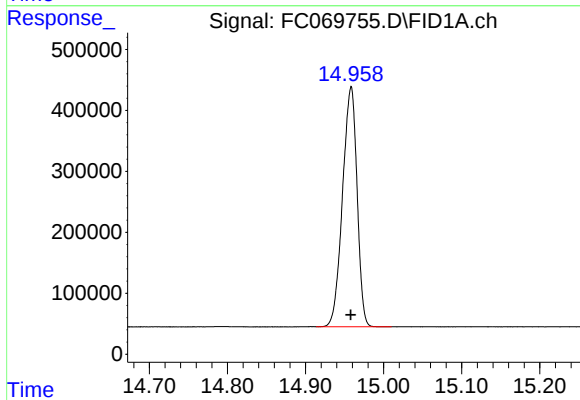
R.T.: 13.099 min
Delta R.T.: 0.000 min
Response: 4680831
Conc: 50.10 ug/ml



#13 n-Docosane (C22)

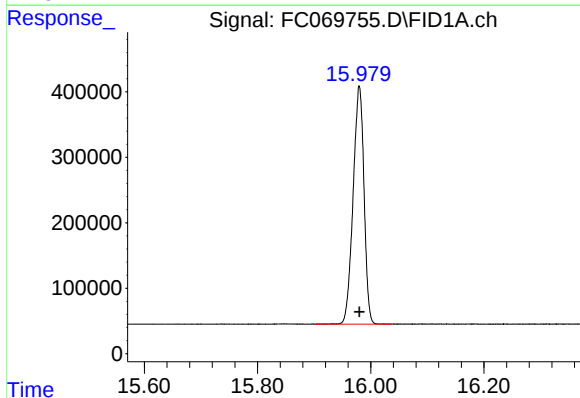
R.T.: 13.853 min
Delta R.T.: 0.000 min
Response: 5297854
Conc: 50.08 ug/ml

Instrument :
FID_C
ClientSampleId :



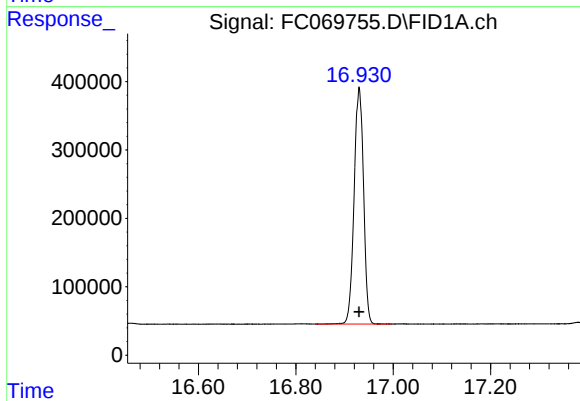
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: 0.000 min
Response: 5084446
Conc: 50.04 ug/ml



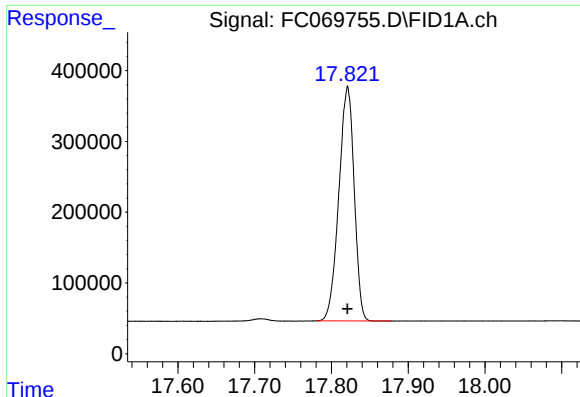
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: 0.000 min
Response: 4853562
Conc: 50.04 ug/ml



#16 n-Octacosane (C28)

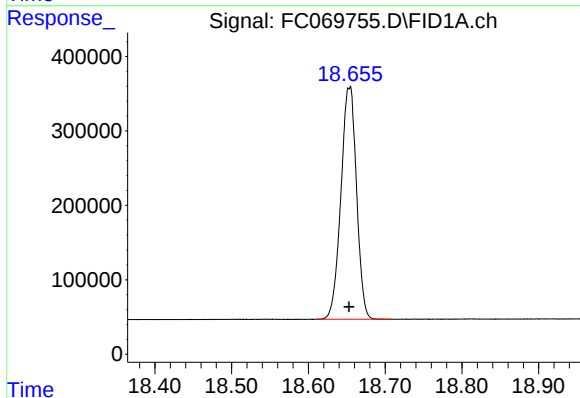
R.T.: 16.930 min
Delta R.T.: 0.000 min
Response: 4644005
Conc: 50.02 ug/ml



#17 n-Tricontane (C30)

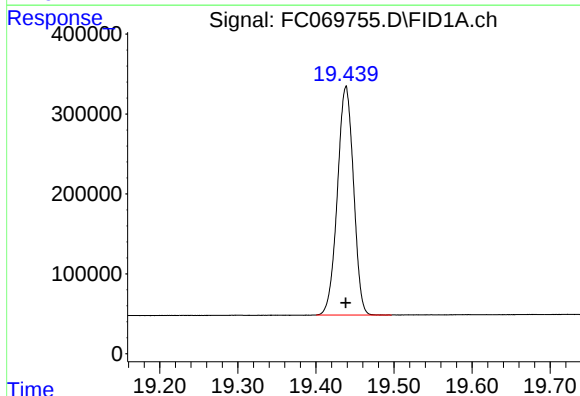
R.T.: 17.821 min
Delta R.T.: 0.000 min
Response: 4598262
Conc: 50.00 ug/ml

Instrument :
FID_C
ClientSampleId :



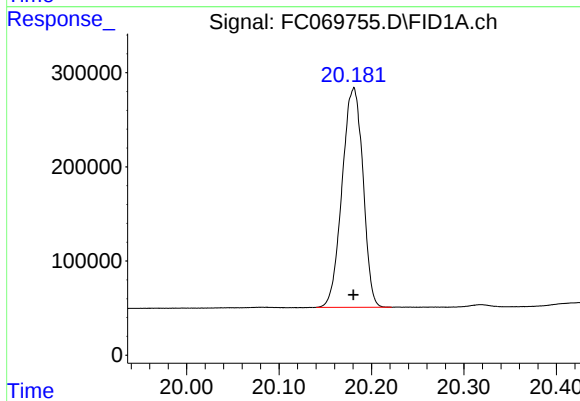
#18 n-Dotriacontane (C32)

R.T.: 18.653 min
Delta R.T.: 0.000 min
Response: 4414394
Conc: 50.00 ug/ml



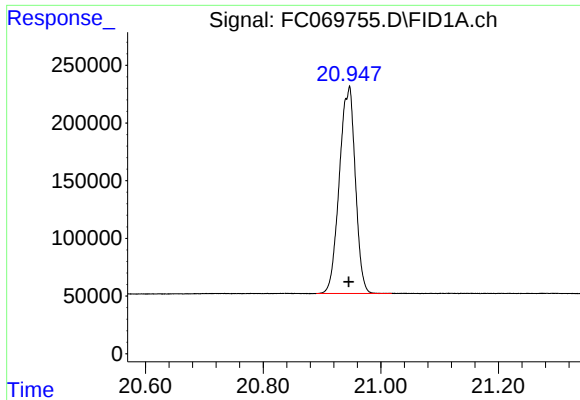
#19 n-Tetratriacontane (C34)

R.T.: 19.438 min
Delta R.T.: 0.000 min
Response: 4100779
Conc: 50.03 ug/ml



#20 n-Hexatriacontane (C36)

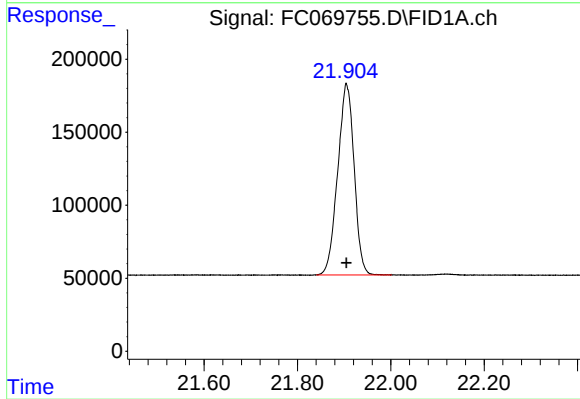
R.T.: 20.180 min
Delta R.T.: 0.000 min
Response: 3646224
Conc: 50.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.946 min
Delta R.T.: 0.000 min
Response: 3378956
Conc: 50.14 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.905 min
Delta R.T.: 0.000 min
Response: 3200341
Conc: 50.25 ug/ml