

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102522AL\
 Data File : FC061956.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2022 09:35
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 27 10:04:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 2022
 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)	11.587	3177477	21.377 ug/ml
Spiked Amount 50.000		Recovery =	42.75%
12) S 1-chlorooctadecane (S...	13.023	2508334	21.531 ug/ml
Spiked Amount 50.000		Recovery =	43.06%
Target Compounds			
1) T n-Nonane (C9)	3.351	2893042	20.567 ug/ml
2) T n-Decane (C10)	4.416	2970869	20.812 ug/ml
3) T A~Naphthalene (C11.7)	6.000	3208677	20.788 ug/ml
4) T n-Dodecane (C12)	6.431	3033589	20.897 ug/ml
5) T A~2-methylnaphthalene...	7.055	3178459	20.953 ug/ml
6) T n-Tetradecane (C14)	8.227	3053242	21.004 ug/ml
7) T n-Hexadecane (C16)	9.827	3085721	21.190 ug/ml
8) T n-Octadecane (C18)	11.269	3088290	21.366 ug/ml
10) T n-Eicosane (C20)	12.578	3019386	21.393 ug/ml
11) T n-Heneicosane (C21)	13.190	2979394	21.472 ug/ml
13) T n-Docosane (C22)	13.776	2924199	21.330 ug/ml
14) T n-Tetracosane (C24)	14.878	2791428	21.126 ug/ml
15) T n-Hexacosane (C26)	15.899	2668381	21.177 ug/ml
16) T n-Octacosane (C28)	16.848	2573111	21.335 ug/ml
17) T n-Tricontane (C30)	17.734	2650930	22.280 ug/ml
18) T n-Dotriacontane (C32)	18.567	2666695	22.633 ug/ml
19) T n-Tetratriacontane (C34)	19.350	2538647	22.471 ug/ml
20) T n-Hexatriacontane (C36)	20.089	2490120	21.957 ug/ml
21) T n-Octatriacontane (C38)	20.825	2489659	22.127 ug/ml
22) T n-Tetracontane (C40)	21.739	2372276	21.130 ug/ml

(f)=RT Delta > 1/2 Window

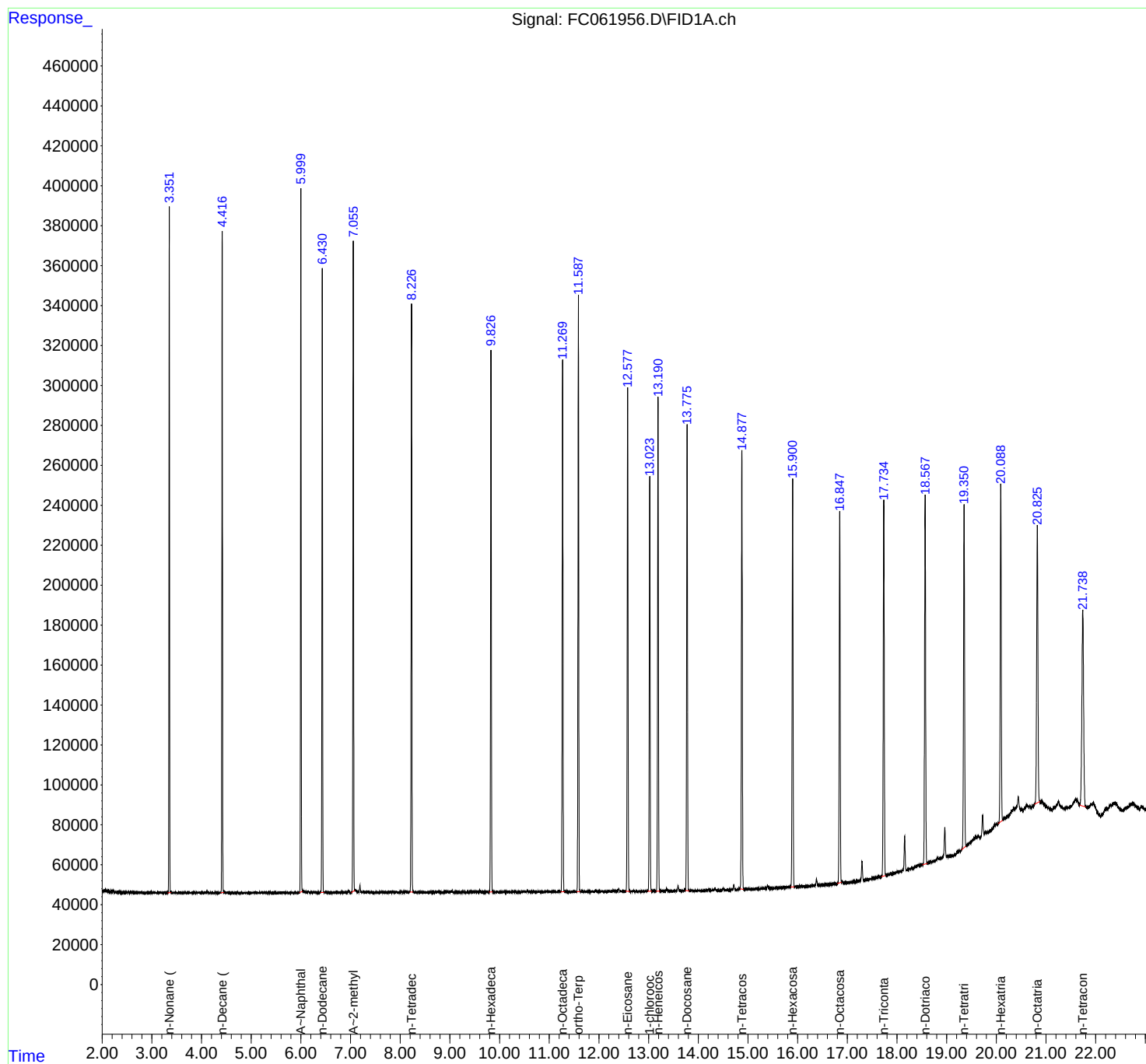
(m)=manual int.

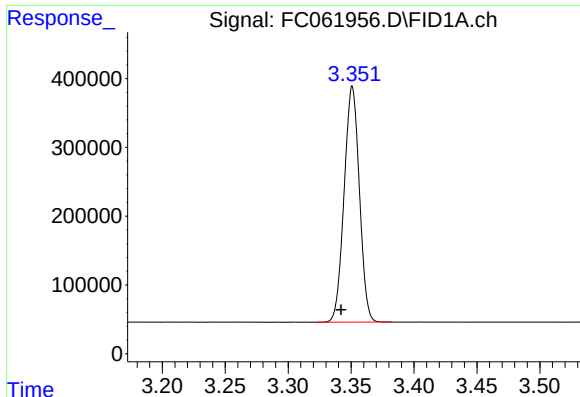
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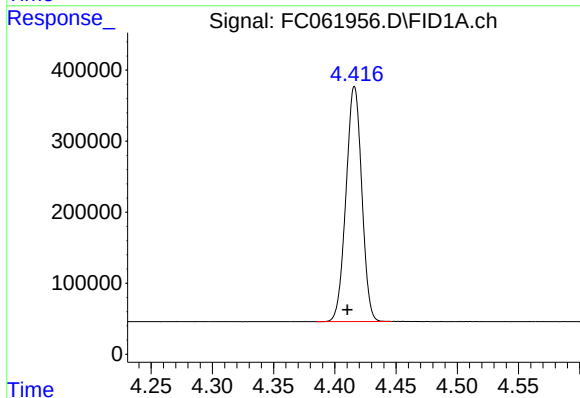




#1 n-Nonane (C9)

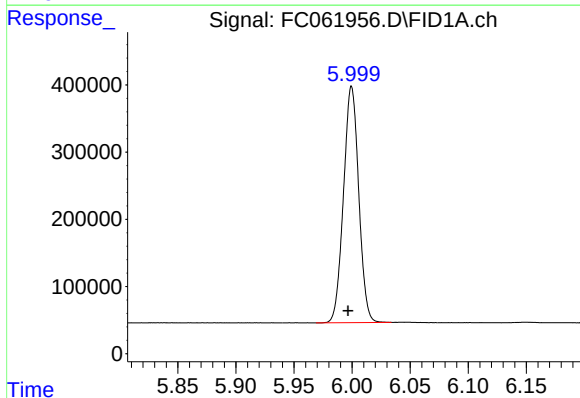
R.T.: 3.351 min
Delta R.T.: 0.009 min
Response: 2893042
Conc: 20.57 ug/ml

Instrument :
FID_C
ClientSampleId :



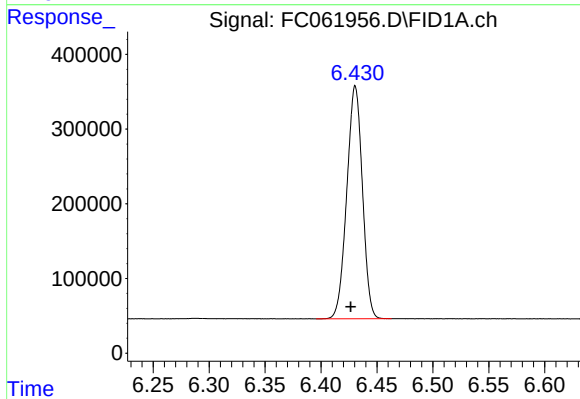
#2 n-Decane (C10)

R.T.: 4.416 min
Delta R.T.: 0.006 min
Response: 2970869
Conc: 20.81 ug/ml



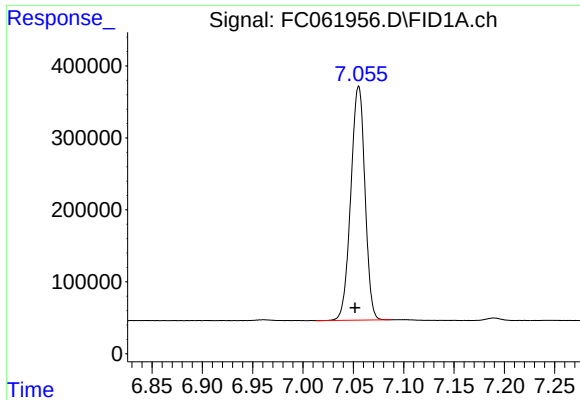
#3 A~Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: 0.003 min
Response: 3208677
Conc: 20.79 ug/ml



#4 n-Dodecane (C12)

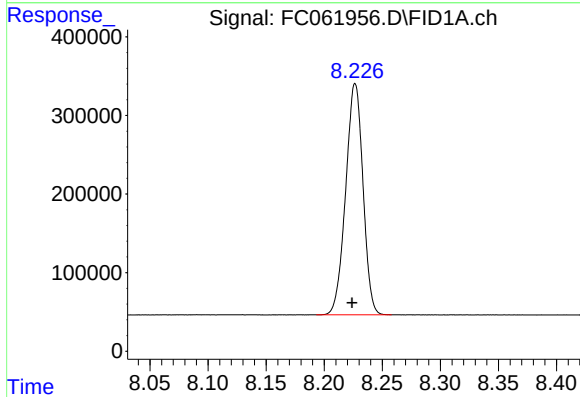
R.T.: 6.431 min
Delta R.T.: 0.004 min
Response: 3033589
Conc: 20.90 ug/ml



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

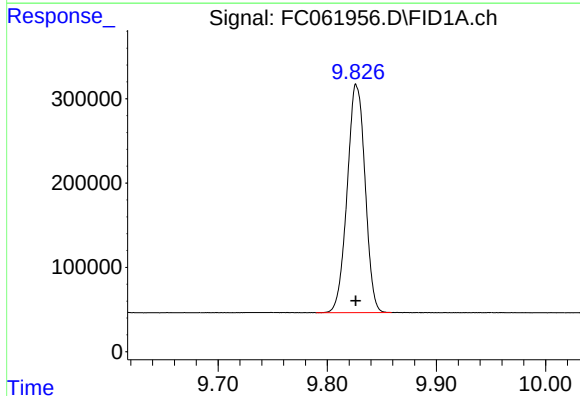
R.T.: 7.055 min
Delta R.T.: 0.004 min
Response: 3178459
Conc: 20.95 ug/ml

Instrument :
FID_C
ClientSampleId :



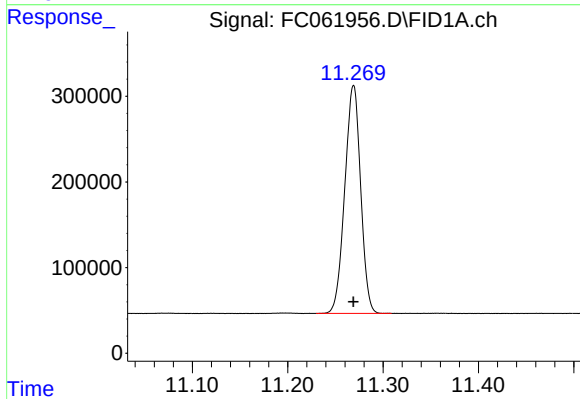
#6 n-Tetradecane (C14)

R.T.: 8.227 min
Delta R.T.: 0.003 min
Response: 3053242
Conc: 21.00 ug/ml



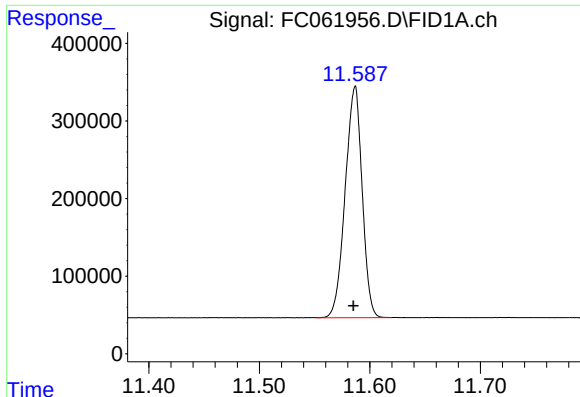
#7 n-Hexadecane (C16)

R.T.: 9.827 min
Delta R.T.: 0.000 min
Response: 3085721
Conc: 21.19 ug/ml



#8 n-Octadecane (C18)

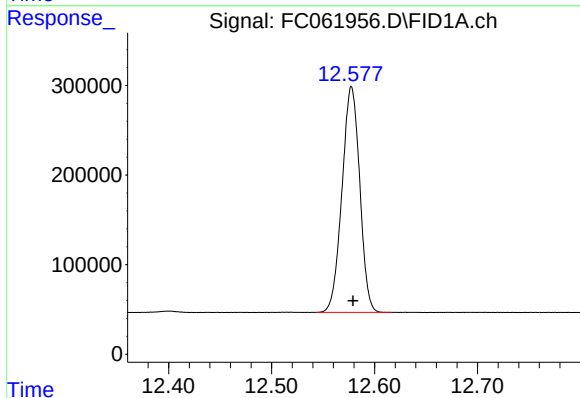
R.T.: 11.269 min
Delta R.T.: 0.000 min
Response: 3088290
Conc: 21.37 ug/ml



#9 ortho-Terphenyl (SURR)

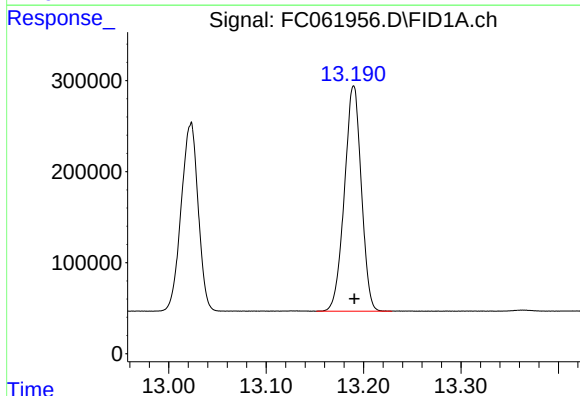
R.T.: 11.587 min
Delta R.T.: 0.002 min
Response: 3177477
Conc: 21.38 ug/ml

Instrument :
FID_C
ClientSampleId :



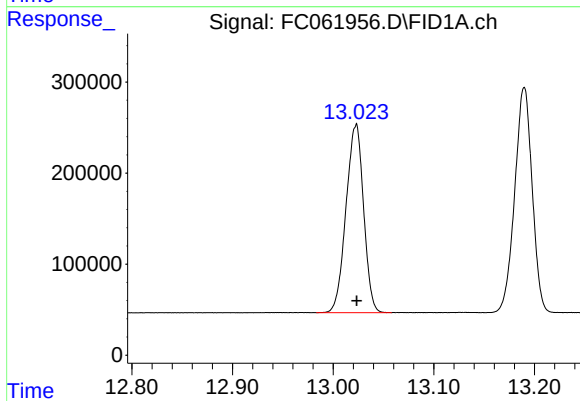
#10 n-Eicosane (C20)

R.T.: 12.578 min
Delta R.T.: -0.001 min
Response: 3019386
Conc: 21.39 ug/ml



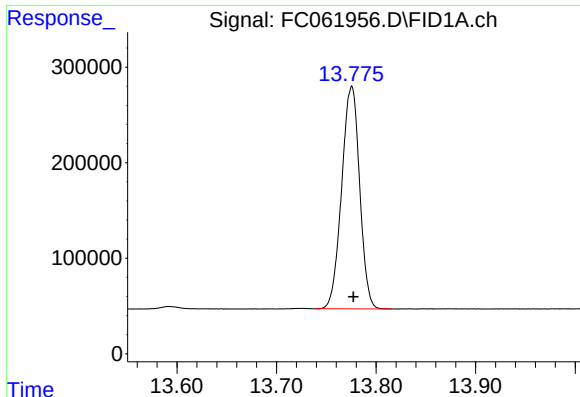
#11 n-Heneicosane (C21)

R.T.: 13.190 min
Delta R.T.: 0.000 min
Response: 2979394
Conc: 21.47 ug/ml



#12 1-chlorooctadecane (SURR)

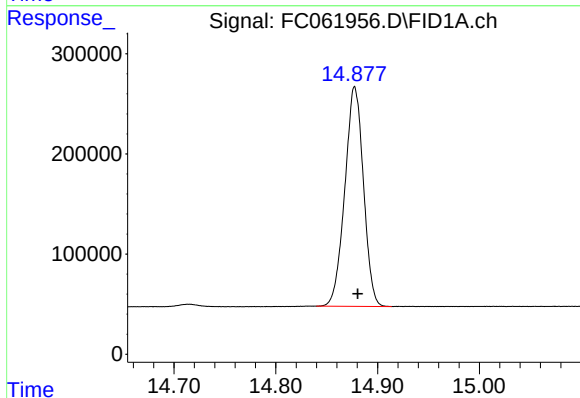
R.T.: 13.023 min
Delta R.T.: 0.000 min
Response: 2508334
Conc: 21.53 ug/ml



#13 n-Docosane (C22)

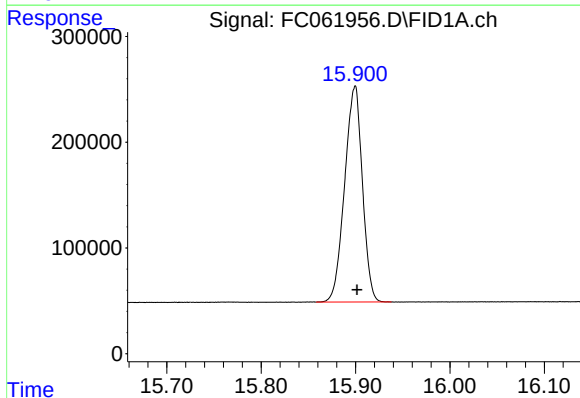
R.T.: 13.776 min
Delta R.T.: -0.002 min
Response: 2924199
Conc: 21.33 ug/ml

Instrument :
FID_C
ClientSampleId :



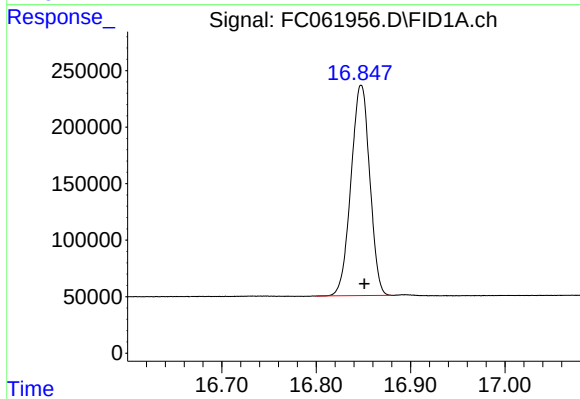
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: -0.003 min
Response: 2791428
Conc: 21.13 ug/ml



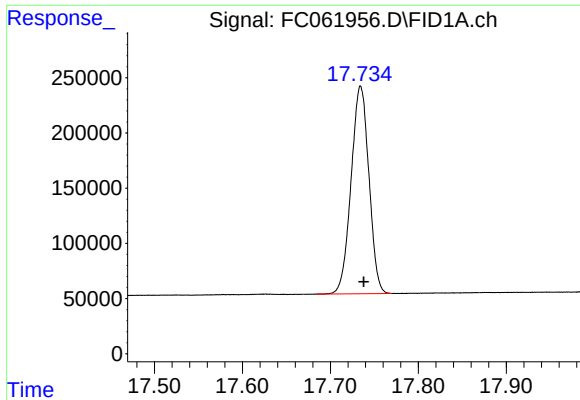
#15 n-Hexacosane (C26)

R.T.: 15.899 min
Delta R.T.: -0.002 min
Response: 2668381
Conc: 21.18 ug/ml



#16 n-Octacosane (C28)

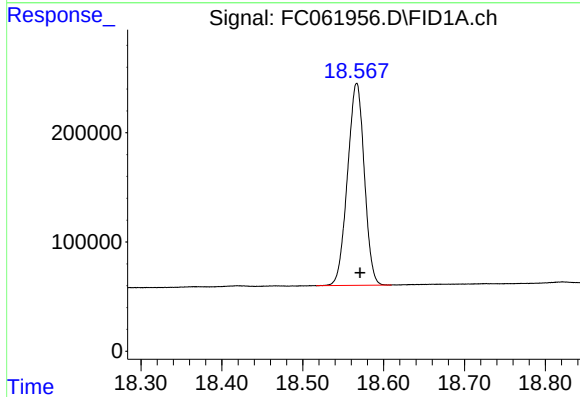
R.T.: 16.848 min
Delta R.T.: -0.003 min
Response: 2573111
Conc: 21.33 ug/ml



#17 n-Tricontane (C30)

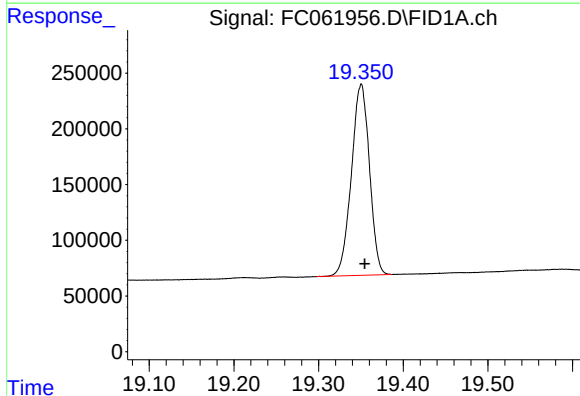
R.T.: 17.734 min
Delta R.T.: -0.004 min
Response: 2650930
Conc: 22.28 ug/ml

Instrument :
FID_C
ClientSampleId :



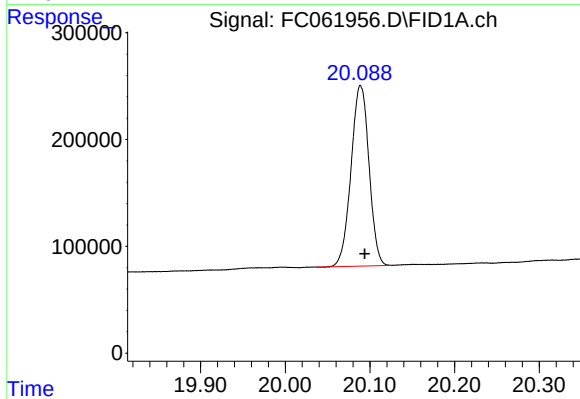
#18 n-Dotriacontane (C32)

R.T.: 18.567 min
Delta R.T.: -0.004 min
Response: 2666695
Conc: 22.63 ug/ml



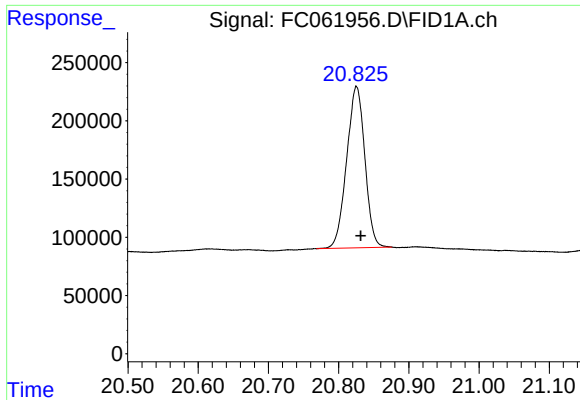
#19 n-Tetratriacontane (C34)

R.T.: 19.350 min
Delta R.T.: -0.004 min
Response: 2538647
Conc: 22.47 ug/ml



#20 n-Hexatriacontane (C36)

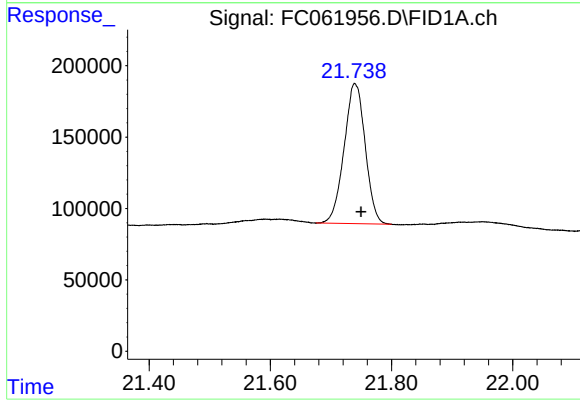
R.T.: 20.089 min
Delta R.T.: -0.005 min
Response: 2490120
Conc: 21.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.825 min
Delta R.T.: -0.006 min
Response: 2489659
Conc: 22.13 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.739 min
Delta R.T.: -0.011 min
Response: 2372276
Conc: 21.13 ug/ml