

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
 Data File : FC069758.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 11:38
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 27 12:10:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 12:10:11 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	695300	5.369 ug/ml
Spiked Amount 50.000		Recovery =	10.74%
12) S 1-chlorooctadecane (S...	13.094	506455	5.293 ug/ml
Spiked Amount 50.000		Recovery =	10.59%
Target Compounds			
1) T n-Nonane (C9)	3.396	680600	5.429 ug/ml
2) T n-Decane (C10)	4.467	690510	5.419 ug/ml
3) T A~Naphthalene (C11.7)	6.061	722247	5.369 ug/ml
4) T n-Dodecane (C12)	6.490	687152	5.363 ug/ml
5) T A~2-methylnaphthalene...	7.120	684537	5.345 ug/ml
6) T n-Tetradecane (C14)	8.289	687247	5.389 ug/ml
7) T n-Hexadecane (C16)	9.892	695043	5.382 ug/ml
8) T n-Octadecane (C18)	11.336	673068	5.368 ug/ml
10) T n-Eicosane (C20)	12.647	624363	5.379 ug/ml
11) T n-Heneicosane (C21)	13.261	600459	5.370 ug/ml
13) T n-Docosane (C22)	13.849	585353	5.364 ug/ml
14) T n-Tetracosane (C24)	14.953	562662	5.365 ug/ml
15) T n-Hexacosane (C26)	15.976	539690	5.385 ug/ml
16) T n-Octacosane (C28)	16.927	521016	5.411 ug/ml
17) T n-Tricontane (C30)	17.817	527793	5.488 ug/ml
18) T n-Dotriacontane (C32)	18.651	517945	5.560 ug/ml
19) T n-Tetratriacontane (C34)	19.435	477726	5.536 ug/ml
20) T n-Hexatriacontane (C36)	20.177	417448	5.472 ug/ml
21) T n-Octatriacontane (C38)	20.940	382892	5.445 ug/ml
22) T n-Tetracontane (C40)	21.901	362748	5.461 ug/ml

(f)=RT Delta > 1/2 Window

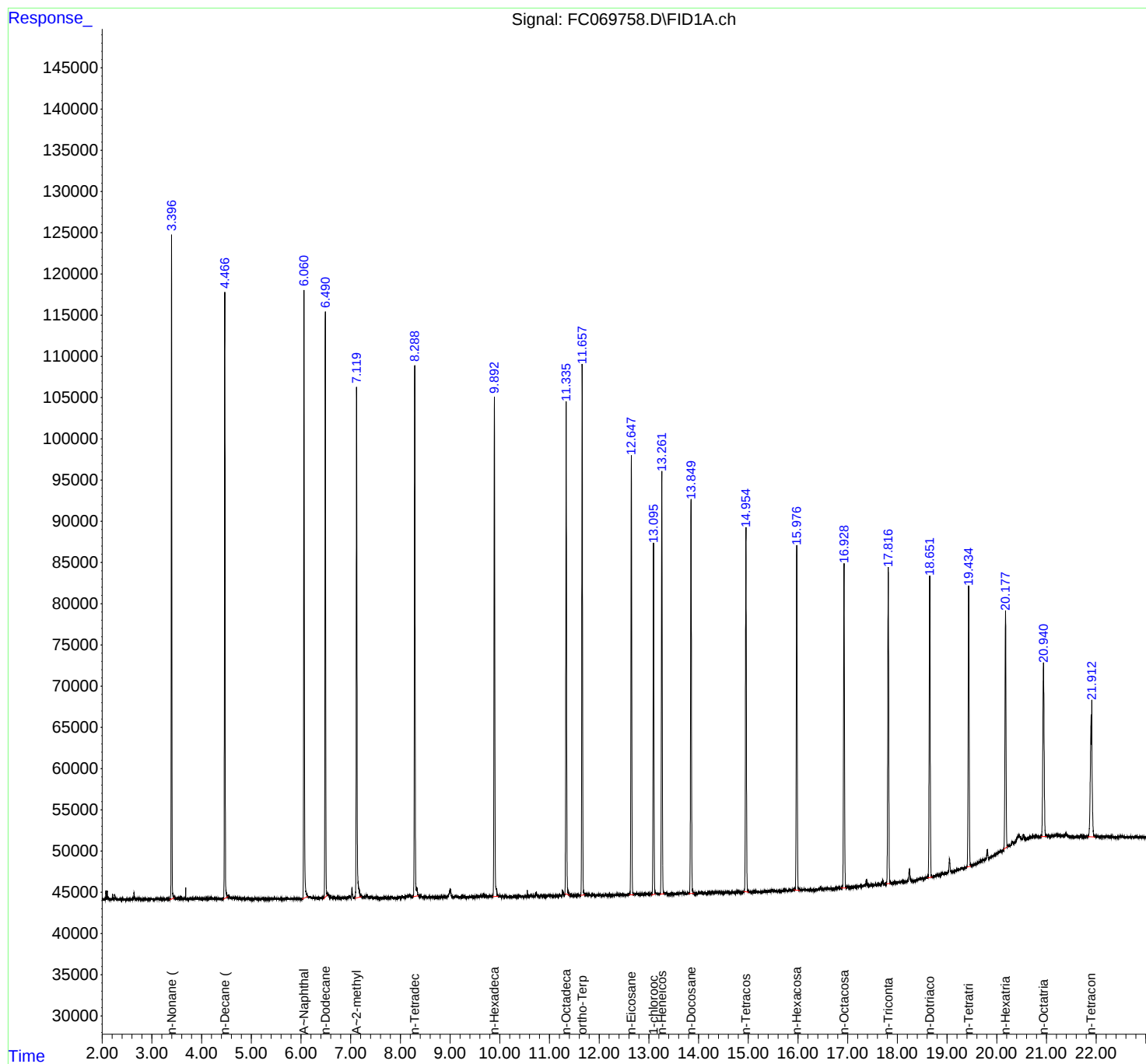
(m)=manual int.

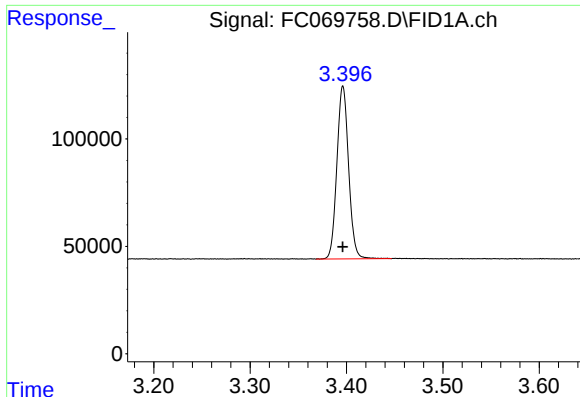
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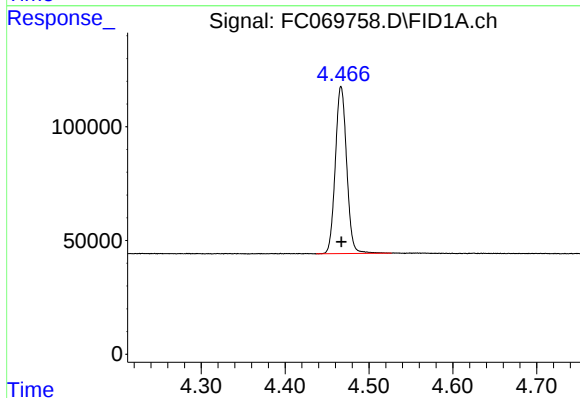




#1 n-Nonane (C9)

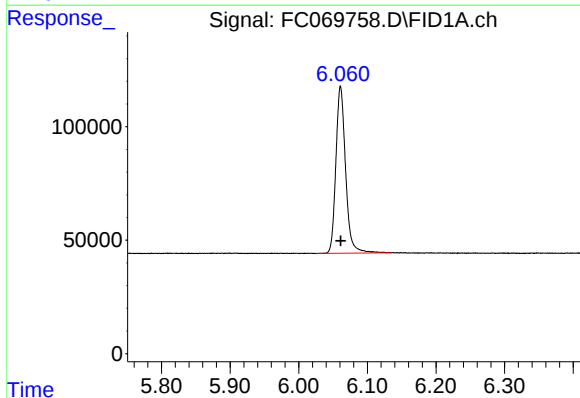
R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 680600
Conc: 5.43 ug/ml

Instrument :
FID_C
ClientSampleId :



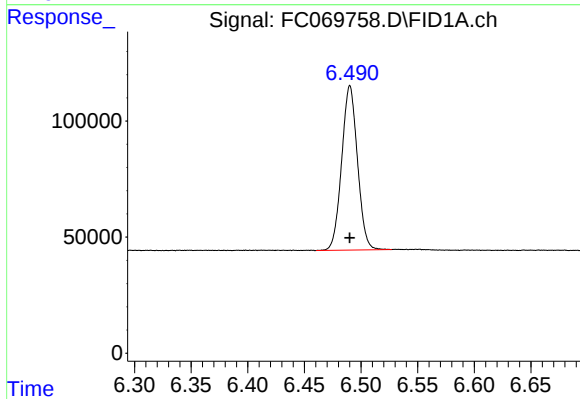
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 690510
Conc: 5.42 ug/ml



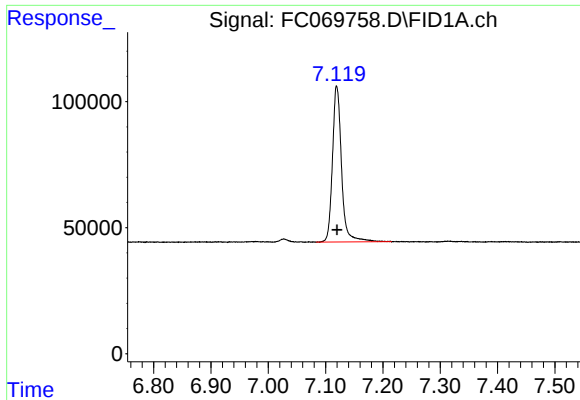
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 722247
Conc: 5.37 ug/ml



#4 n-Dodecane (C12)

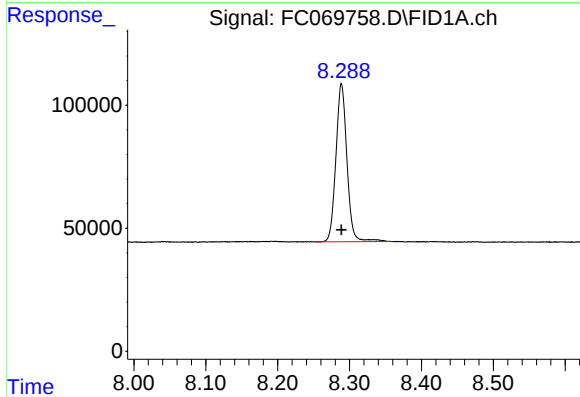
R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 687152
Conc: 5.36 ug/ml



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

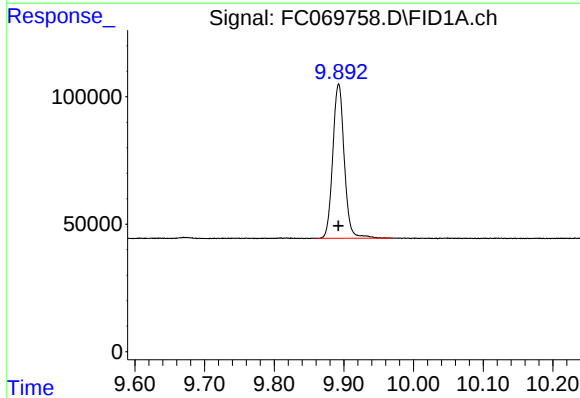
R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 684537
Conc: 5.34 ug/ml

Instrument :
FID_C
ClientSampleId :



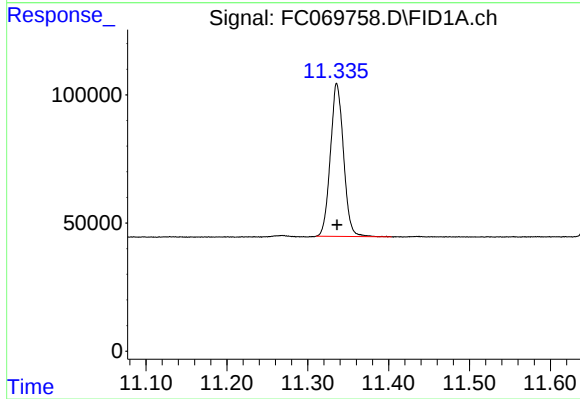
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: 0.000 min
Response: 687247
Conc: 5.39 ug/ml



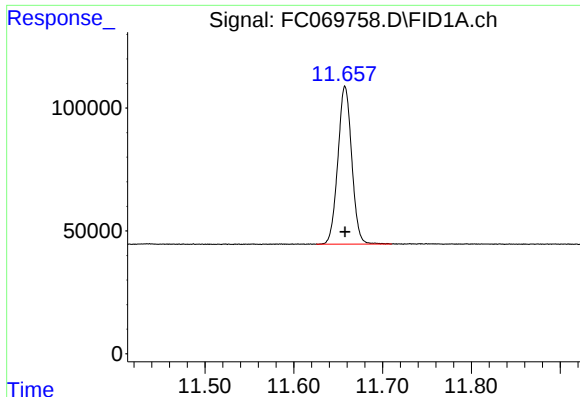
#7 n-Hexadecane (C16)

R.T.: 9.892 min
Delta R.T.: 0.000 min
Response: 695043
Conc: 5.38 ug/ml



#8 n-Octadecane (C18)

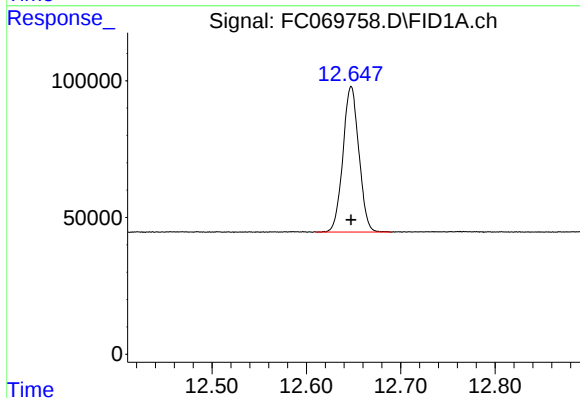
R.T.: 11.336 min
Delta R.T.: 0.000 min
Response: 673068
Conc: 5.37 ug/ml



#9 ortho-Terphenyl (SURR)

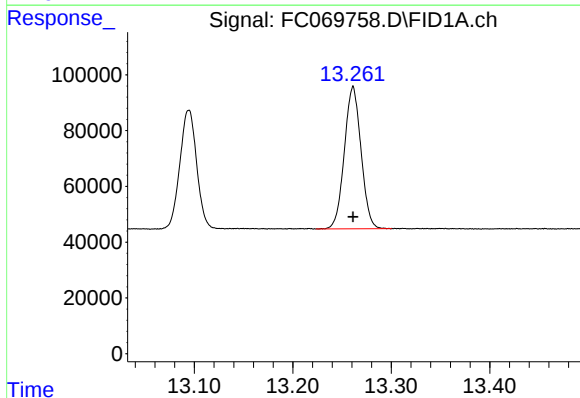
R.T.: 11.658 min
Delta R.T.: 0.000 min
Response: 695300
Conc: 5.37 ug/ml

Instrument :
FID_C
ClientSampleId :



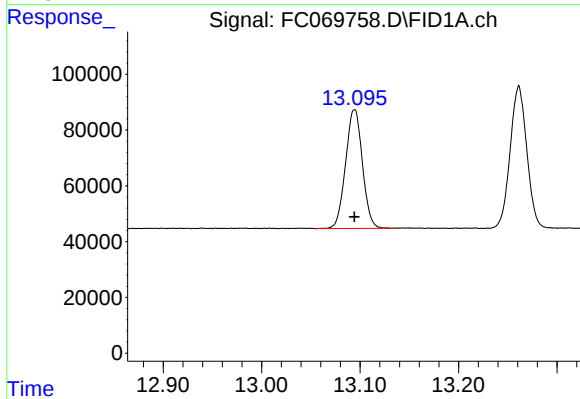
#10 n-Eicosane (C20)

R.T.: 12.647 min
Delta R.T.: 0.000 min
Response: 624363
Conc: 5.38 ug/ml



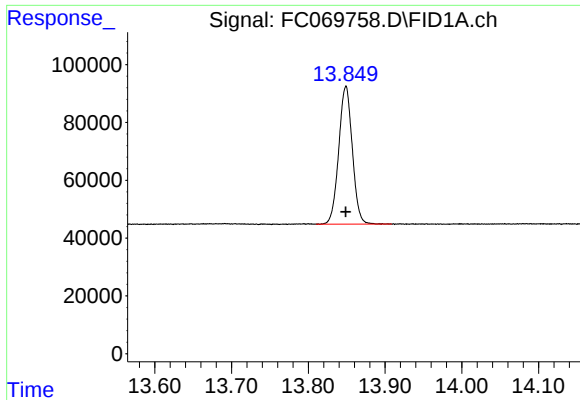
#11 n-Heneicosane (C21)

R.T.: 13.261 min
Delta R.T.: 0.000 min
Response: 600459
Conc: 5.37 ug/ml



#12 1-chlorooctadecane (SURR)

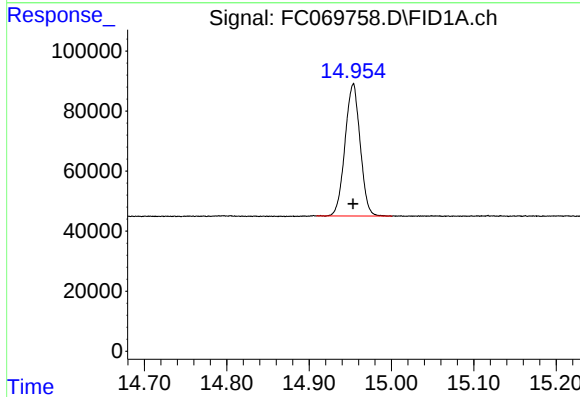
R.T.: 13.094 min
Delta R.T.: 0.000 min
Response: 506455
Conc: 5.29 ug/ml



#13 n-Docosane (C22)

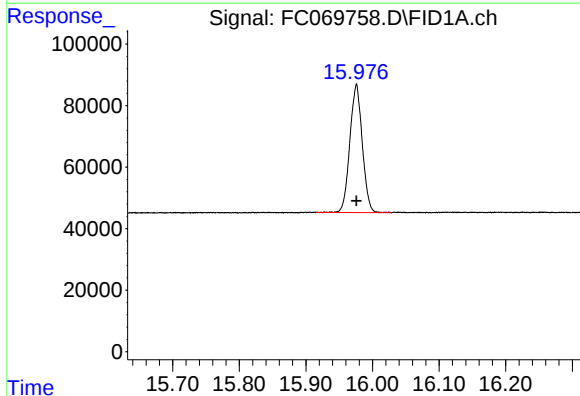
R.T.: 13.849 min
Delta R.T.: 0.000 min
Response: 585353
Conc: 5.36 ug/ml

Instrument :
FID_C
ClientSampleId :



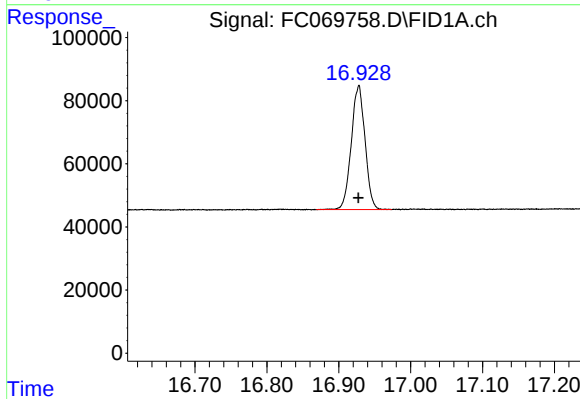
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: 0.000 min
Response: 562662
Conc: 5.37 ug/ml



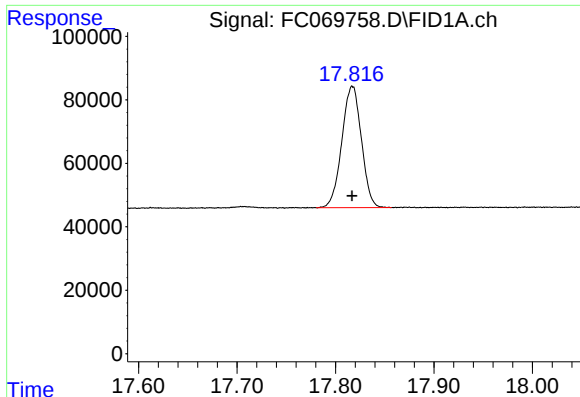
#15 n-Hexacosane (C26)

R.T.: 15.976 min
Delta R.T.: 0.000 min
Response: 539690
Conc: 5.39 ug/ml



#16 n-Octacosane (C28)

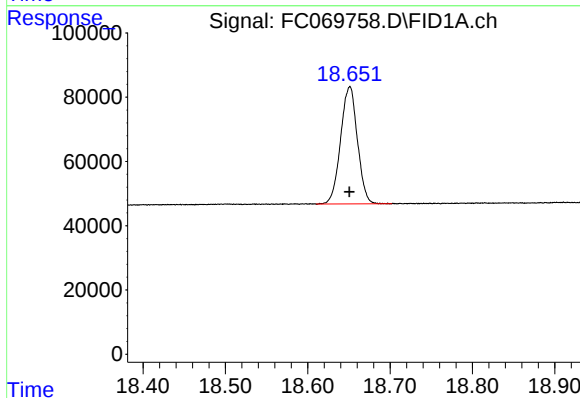
R.T.: 16.927 min
Delta R.T.: 0.000 min
Response: 521016
Conc: 5.41 ug/ml



#17 n-Tricontane (C30)

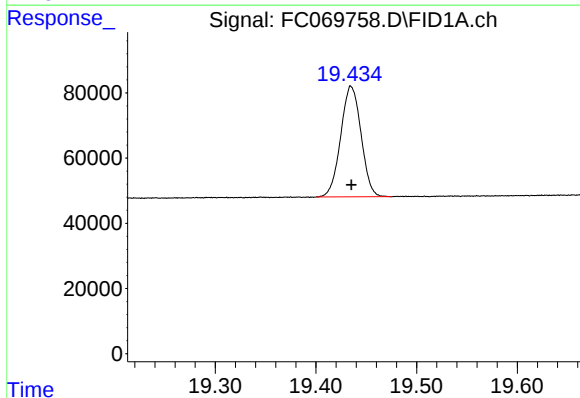
R.T.: 17.817 min
Delta R.T.: 0.000 min
Response: 527793
Conc: 5.49 ug/ml

Instrument :
FID_C
ClientSampleId :



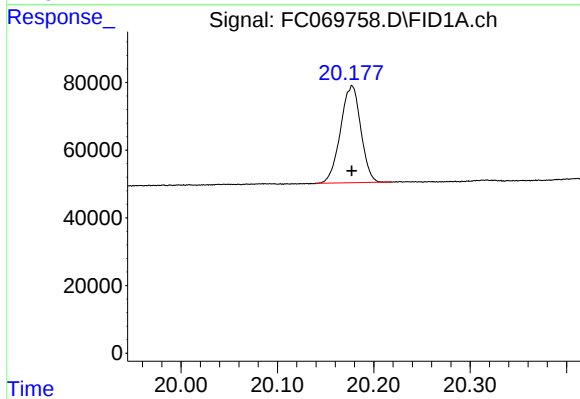
#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: 0.000 min
Response: 517945
Conc: 5.56 ug/ml



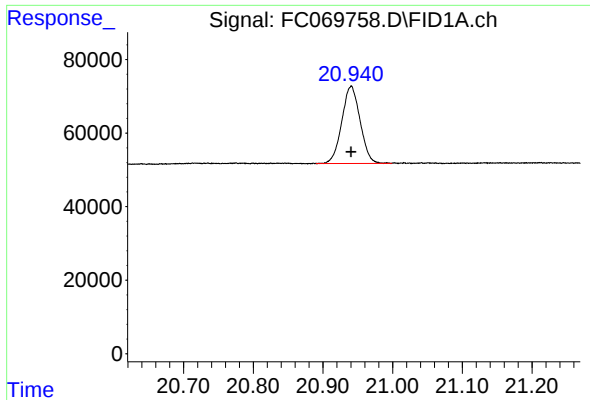
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: 0.000 min
Response: 477726
Conc: 5.54 ug/ml



#20 n-Hexatriacontane (C36)

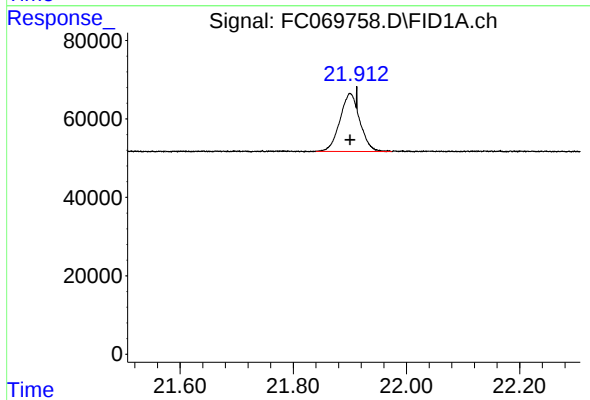
R.T.: 20.177 min
Delta R.T.: 0.000 min
Response: 417448
Conc: 5.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.940 min
Delta R.T.: 0.000 min
Response: 382892
Conc: 5.44 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.901 min
Delta R.T.: 0.000 min
Response: 362748
Conc: 5.46 ug/ml