

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
 Data File : FC069757.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 10:56
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 27 11:24:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 11:24:36 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	1320668	10.391 ug/ml
Spiked Amount 50.000		Recovery =	20.78%
12) S 1-chlorooctadecane (S...	13.095	968499	10.272 ug/ml
Spiked Amount 50.000		Recovery =	20.54%
Target Compounds			
1) T n-Nonane (C9)	3.397	1283969	10.466 ug/ml
2) T n-Decane (C10)	4.467	1297162	10.398 ug/ml
3) T A~Naphthalene (C11.7)	6.061	1375144	10.415 ug/ml
4) T n-Dodecane (C12)	6.491	1302231	10.351 ug/ml
5) T A~2-methylnaphthalene...	7.120	1301970	10.344 ug/ml
6) T n-Tetradecane (C14)	8.290	1302770	10.417 ug/ml
7) T n-Hexadecane (C16)	9.893	1318643	10.410 ug/ml
8) T n-Octadecane (C18)	11.337	1276289	10.370 ug/ml
10) T n-Eicosane (C20)	12.648	1182906	10.388 ug/ml
11) T n-Heneicosane (C21)	13.262	1137930	10.368 ug/ml
13) T n-Docosane (C22)	13.849	1112173	10.380 ug/ml
14) T n-Tetracosane (C24)	14.953	1070392	10.396 ug/ml
15) T n-Hexacosane (C26)	15.975	1021655	10.395 ug/ml
16) T n-Octacosane (C28)	16.928	987142	10.468 ug/ml
17) T n-Tricontane (C30)	17.816	993976	10.594 ug/ml
18) T n-Dotriacontane (C32)	18.650	973259	10.749 ug/ml
19) T n-Tetratriacontane (C34)	19.435	900481	10.722 ug/ml
20) T n-Hexatriacontane (C36)	20.176	794813	10.670 ug/ml
21) T n-Octatriacontane (C38)	20.940	728503	10.595 ug/ml
22) T n-Tetracontane (C40)	21.900	685522	10.563 ug/ml

(f)=RT Delta > 1/2 Window

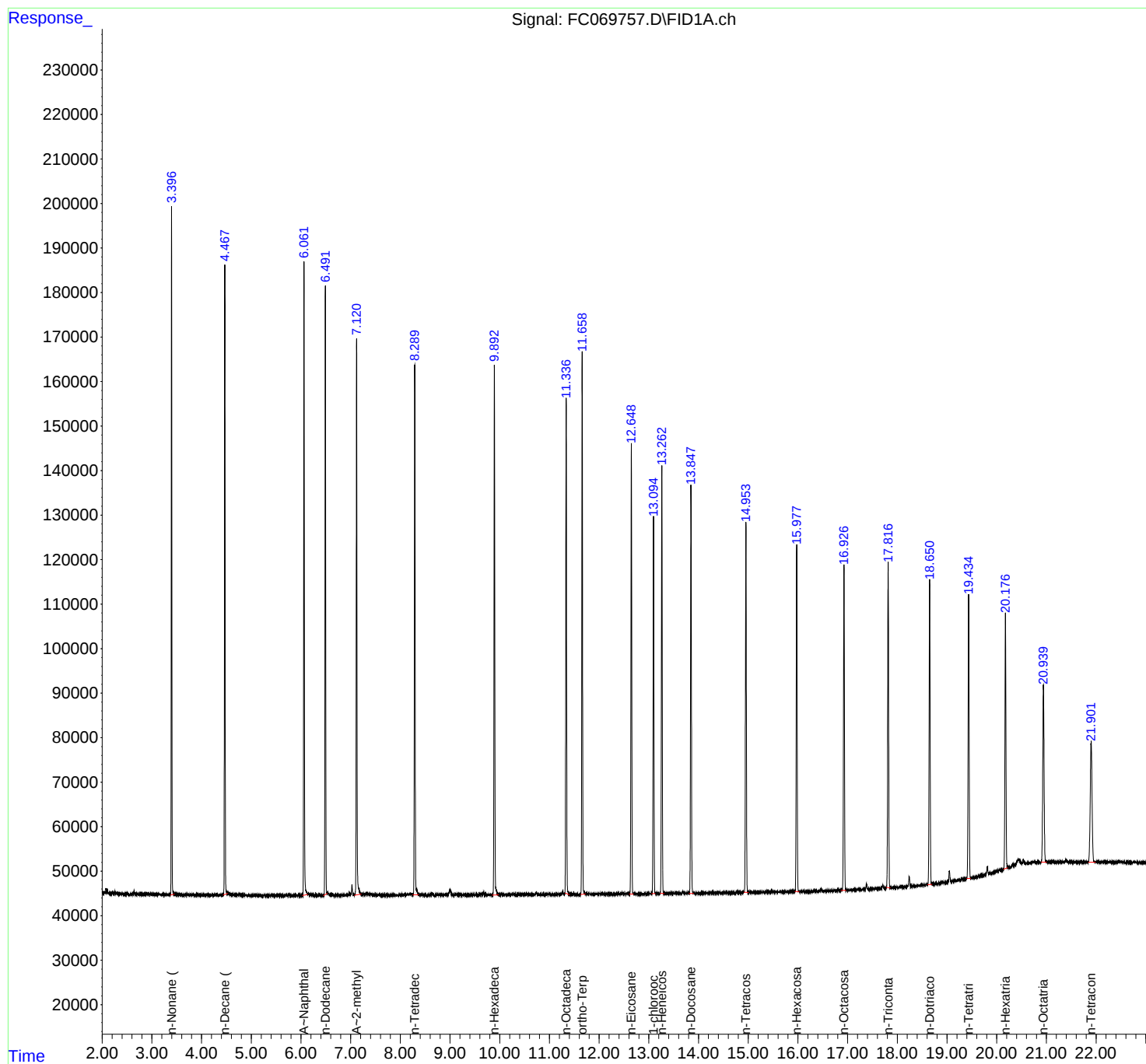
(m)=manual int.

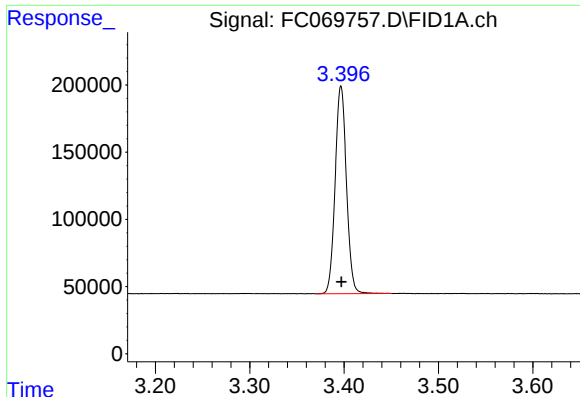
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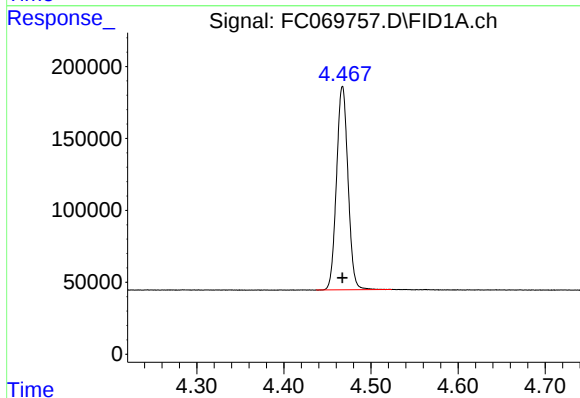




#1 n-Nonane (C9)

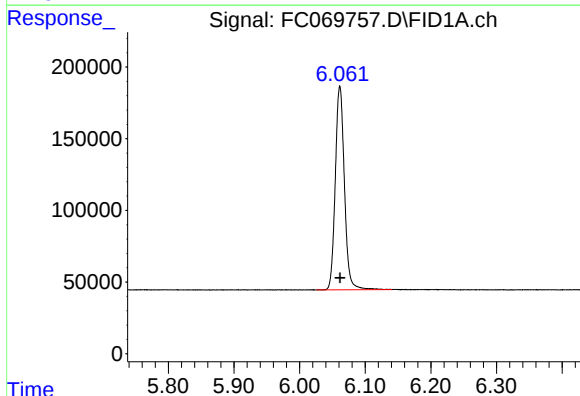
R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 1283969
Conc: 10.47 ug/ml

Instrument :
FID_C
ClientSampleId :



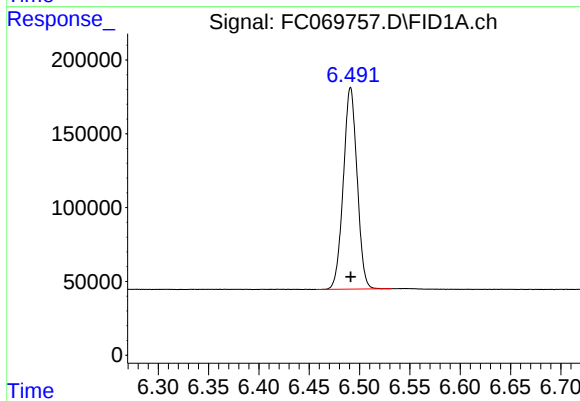
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 1297162
Conc: 10.40 ug/ml



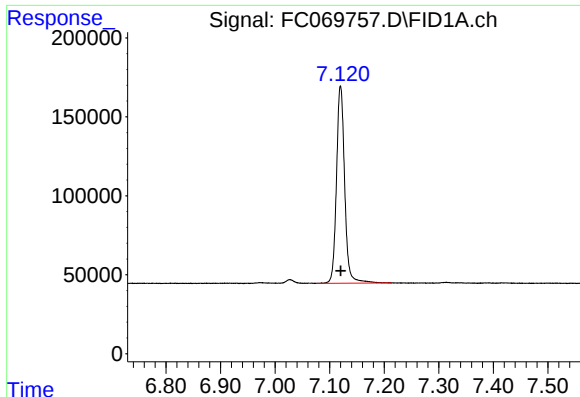
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 1375144
Conc: 10.41 ug/ml



#4 n-Dodecane (C12)

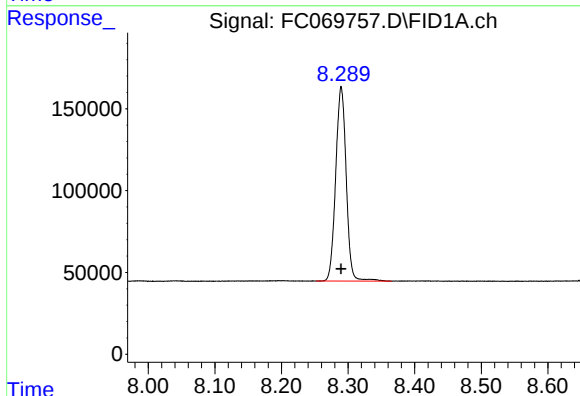
R.T.: 6.491 min
Delta R.T.: 0.000 min
Response: 1302231
Conc: 10.35 ug/ml



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

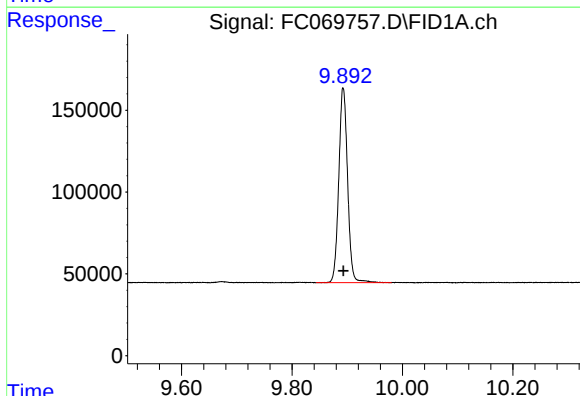
R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 1301970
Conc: 10.34 ug/ml

Instrument :
FID_C
ClientSampleId :



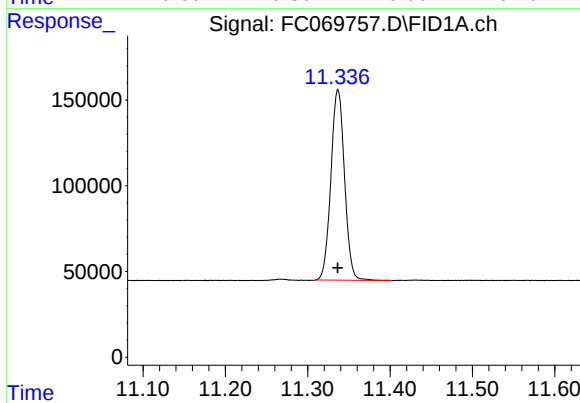
#6 n-Tetradecane (C14)

R.T.: 8.290 min
Delta R.T.: 0.000 min
Response: 1302770
Conc: 10.42 ug/ml



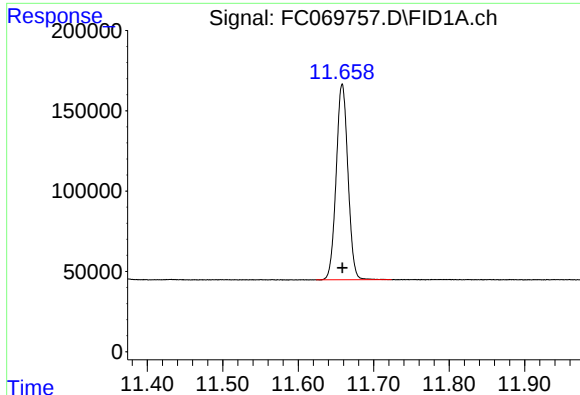
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: 0.000 min
Response: 1318643
Conc: 10.41 ug/ml



#8 n-Octadecane (C18)

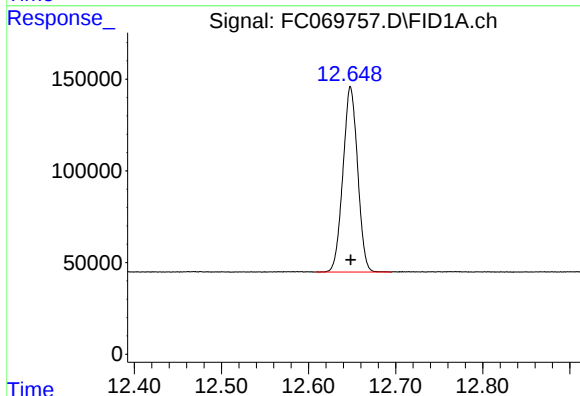
R.T.: 11.337 min
Delta R.T.: 0.000 min
Response: 1276289
Conc: 10.37 ug/ml



#9 ortho-Terphenyl (SURR)

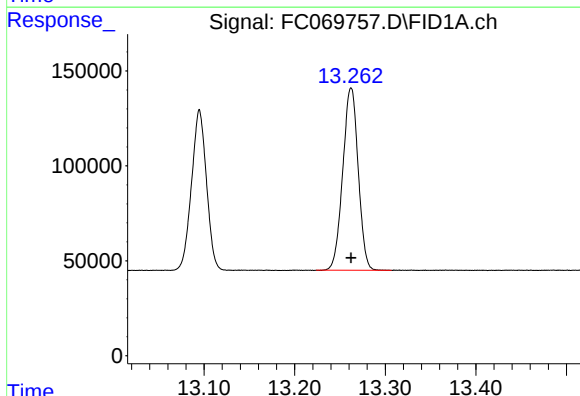
R.T.: 11.658 min
Delta R.T.: 0.000 min
Response: 1320668
Conc: 10.39 ug/ml

Instrument :
FID_C
ClientSampleId :



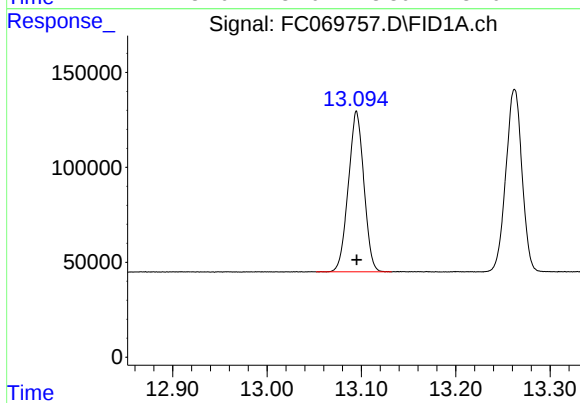
#10 n-Eicosane (C20)

R.T.: 12.648 min
Delta R.T.: 0.000 min
Response: 1182906
Conc: 10.39 ug/ml



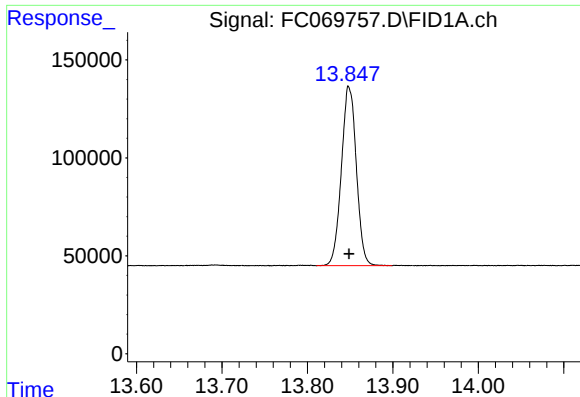
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: 0.000 min
Response: 1137930
Conc: 10.37 ug/ml



#12 1-chlorooctadecane (SURR)

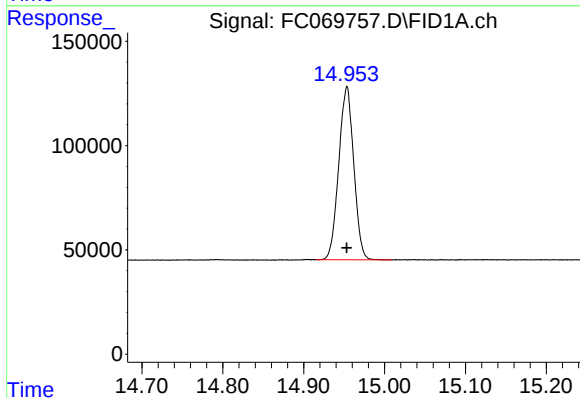
R.T.: 13.095 min
Delta R.T.: 0.000 min
Response: 968499
Conc: 10.27 ug/ml



#13 n-Docosane (C22)

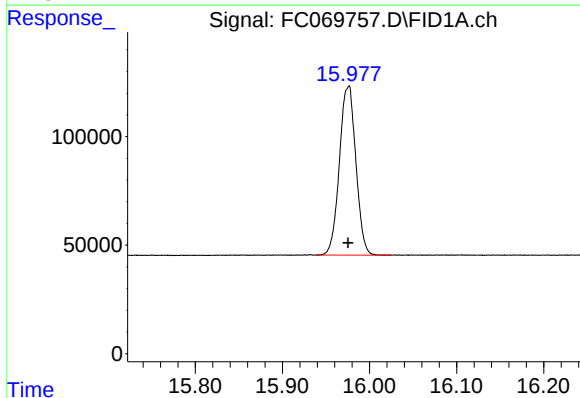
R.T.: 13.849 min
Delta R.T.: 0.000 min
Response: 1112173
Conc: 10.38 ug/ml

Instrument :
FID_C
ClientSampleId :



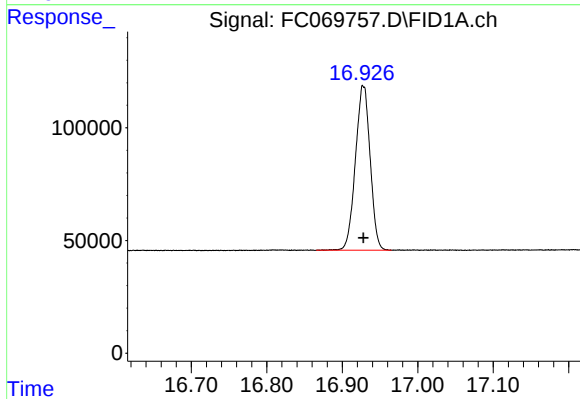
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: 0.000 min
Response: 1070392
Conc: 10.40 ug/ml



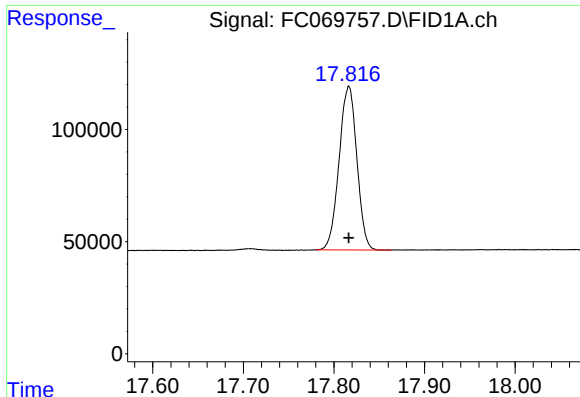
#15 n-Hexacosane (C26)

R.T.: 15.975 min
Delta R.T.: 0.000 min
Response: 1021655
Conc: 10.39 ug/ml



#16 n-Octacosane (C28)

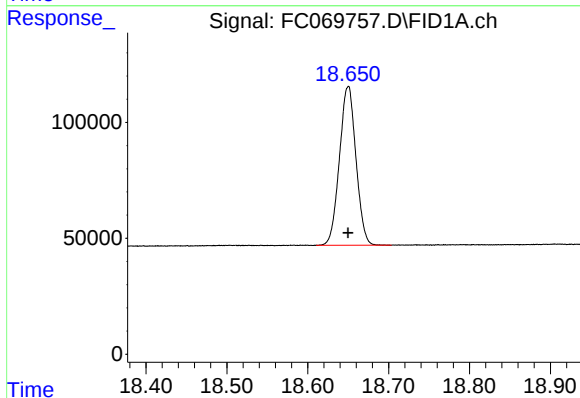
R.T.: 16.928 min
Delta R.T.: 0.000 min
Response: 987142
Conc: 10.47 ug/ml



#17 n-Tricontane (C30)

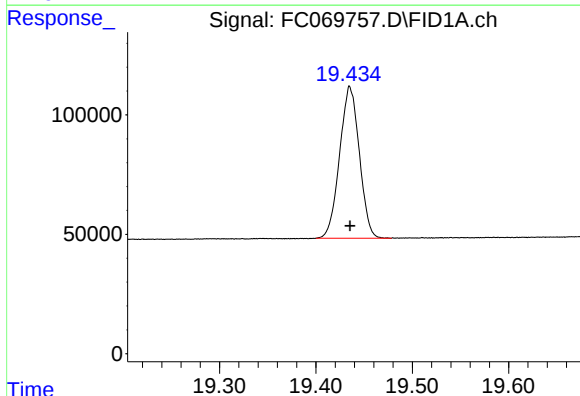
R.T.: 17.816 min
Delta R.T.: 0.000 min
Response: 993976
Conc: 10.59 ug/ml

Instrument :
FID_C
ClientSampleId :



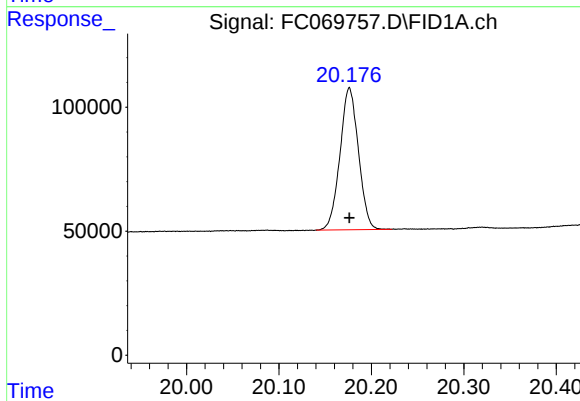
#18 n-Dotriacontane (C32)

R.T.: 18.650 min
Delta R.T.: 0.000 min
Response: 973259
Conc: 10.75 ug/ml



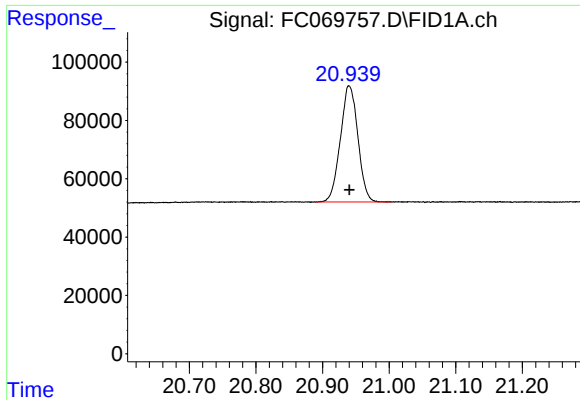
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: 0.000 min
Response: 900481
Conc: 10.72 ug/ml



#20 n-Hexatriacontane (C36)

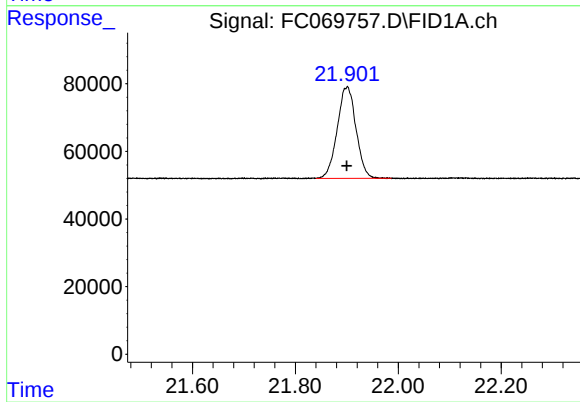
R.T.: 20.176 min
Delta R.T.: 0.000 min
Response: 794813
Conc: 10.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.940 min
Delta R.T.: 0.000 min
Response: 728503
Conc: 10.59 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.900 min
Delta R.T.: 0.000 min
Response: 685522
Conc: 10.56 ug/ml