

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011023AL\
 Data File : FE039712.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2023 02:17
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jan 10 03:27:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 03:26:12 2023
 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)	11.916	826886	5.452 ug/ml
Spiked Amount 50.000		Recovery =	10.90%
12) S 1-chlorooctadecane (S...	13.351	615515	5.343 ug/ml
Spiked Amount 50.000		Recovery =	10.69%
Target Compounds			
1) T n-Nonane (C9)	3.313	679465	5.411 ug/ml
2) T n-Decane (C10)	4.562	662768	5.396 ug/ml
3) T A~Naphthalene (C11.7)	6.266	715399	5.067 ug/ml
4) T n-Dodecane (C12)	6.726	661965	5.299 ug/ml
5) T A~2-methylnaphthalene...	7.360	636027	4.819 ug/ml
6) T n-Tetradecane (C14)	8.551	676301	5.296 ug/ml
7) T n-Hexadecane (C16)	10.157	716252	5.356 ug/ml
8) T n-Octadecane (C18)	11.599	751702	5.419 ug/ml
10) T n-Eicosane (C20)	12.907	746805	5.460 ug/ml
11) T n-Heneicosane (C21)	13.519	751595	5.450 ug/ml
13) T n-Docosane (C22)	14.105	746723	5.473 ug/ml
14) T n-Tetracosane (C24)	15.208	736473	5.458 ug/ml
15) T n-Hexacosane (C26)	16.228	715249	5.459 ug/ml
16) T n-Octacosane (C28)	17.178	696846	5.458 ug/ml
17) T n-Tricontane (C30)	18.067	693352	5.536 ug/ml
18) T n-Dotriacontane (C32)	18.897	695794	5.594 ug/ml
19) T n-Tetratriacontane (C34)	19.683	682835	5.589 ug/ml
20) T n-Hexatriacontane (C36)	20.423	644637	5.419 ug/ml
21) T n-Octatriacontane (C38)	21.157	673900	5.690 ug/ml
22) T n-Tetracontane (C40)	22.062	695541	5.762 ug/ml

(f)=RT Delta > 1/2 Window

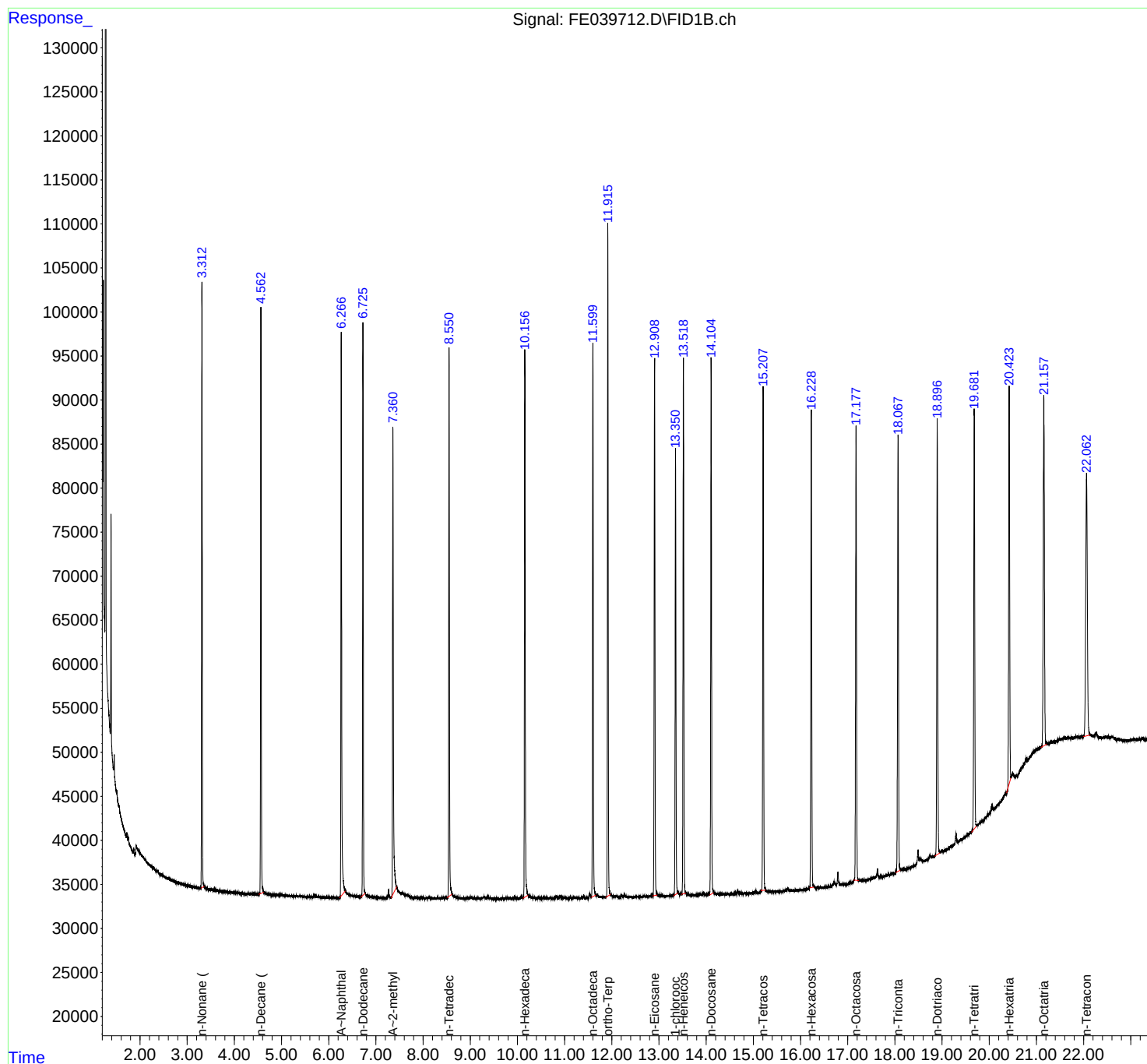
(m)=manual int.

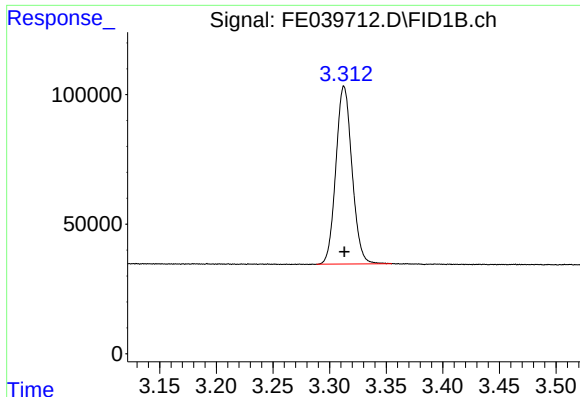
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011023AL\
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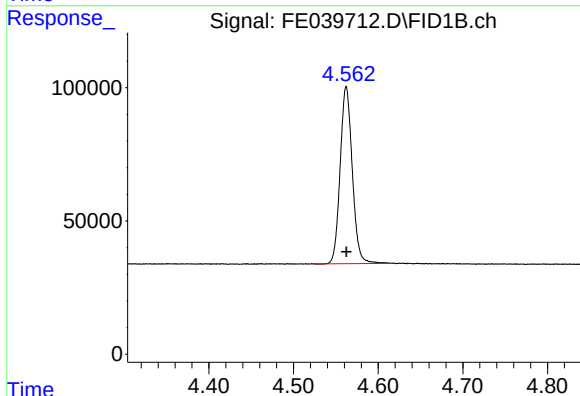




#1 n-Nonane (C9)

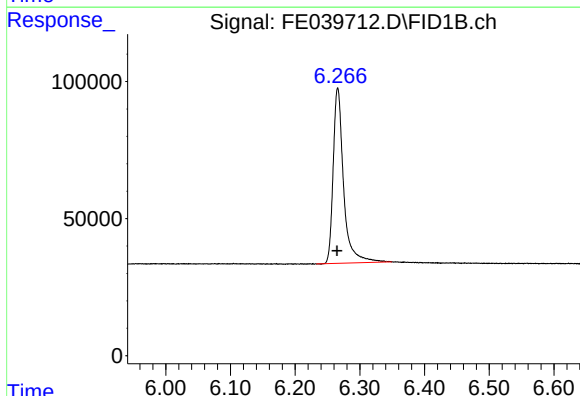
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 679465
Conc: 5.41 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



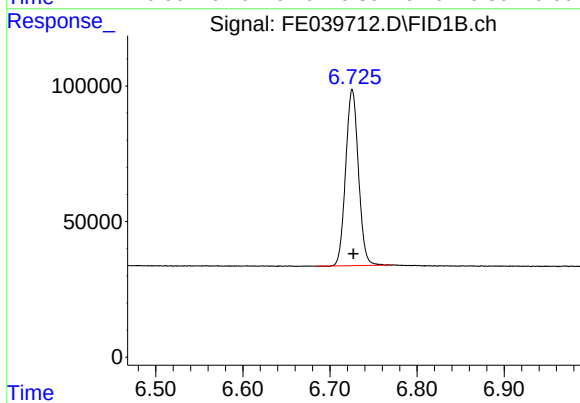
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 662768
Conc: 5.40 ug/ml



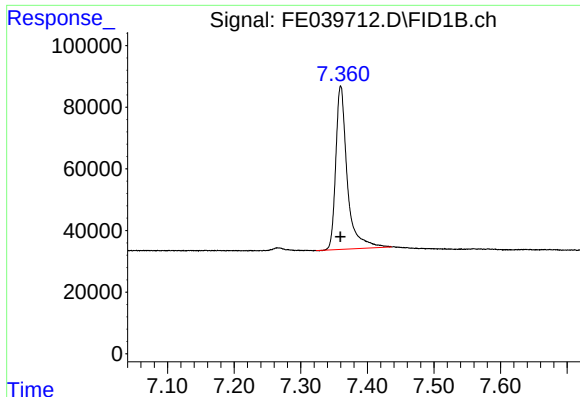
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: 0.001 min
Response: 715399
Conc: 5.07 ug/ml



#4 n-Dodecane (C12)

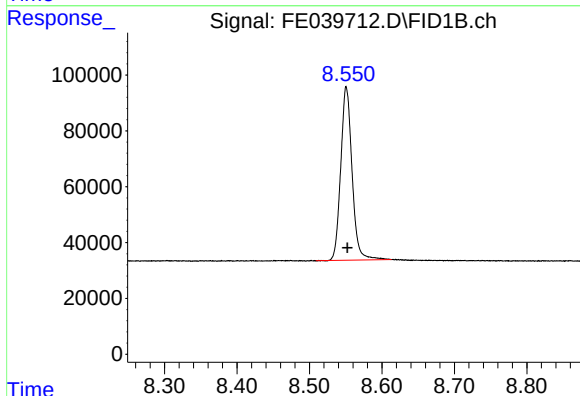
R.T.: 6.726 min
Delta R.T.: -0.001 min
Response: 661965
Conc: 5.30 ug/ml



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

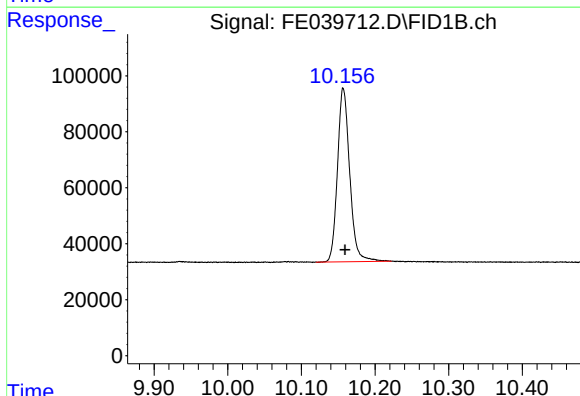
R.T.: 7.360 min
Delta R.T.: 0.000 min
Response: 636027
Conc: 4.82 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



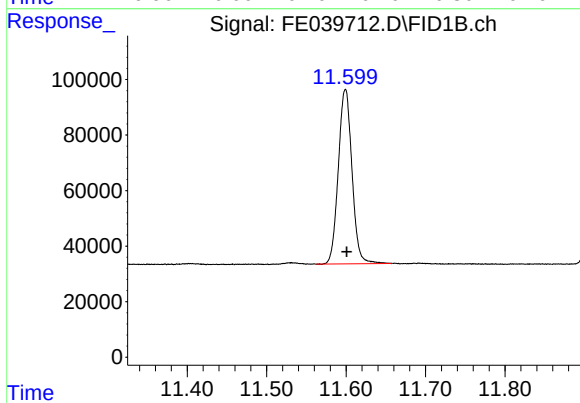
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.002 min
Response: 676301
Conc: 5.30 ug/ml



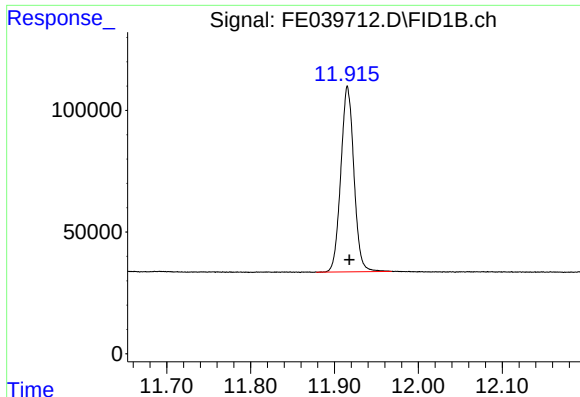
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: -0.002 min
Response: 716252
Conc: 5.36 ug/ml



#8 n-Octadecane (C18)

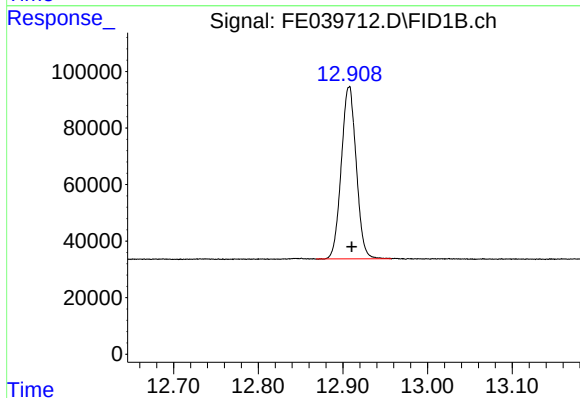
R.T.: 11.599 min
Delta R.T.: -0.002 min
Response: 751702
Conc: 5.42 ug/ml



#9 ortho-Terphenyl (SURR)

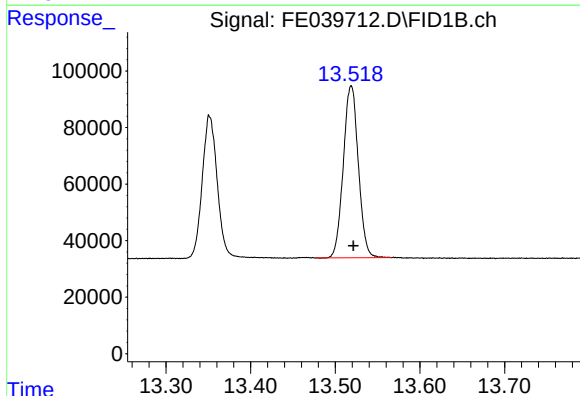
R.T.: 11.916 min
Delta R.T.: -0.002 min
Response: 826886
Conc: 5.45 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



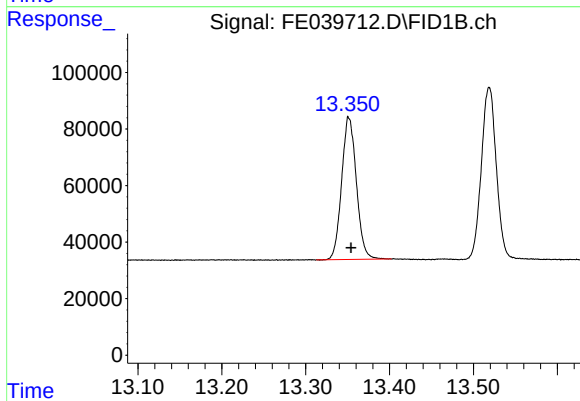
#10 n-Eicosane (C20)

R.T.: 12.907 min
Delta R.T.: -0.003 min
Response: 746805
Conc: 5.46 ug/ml



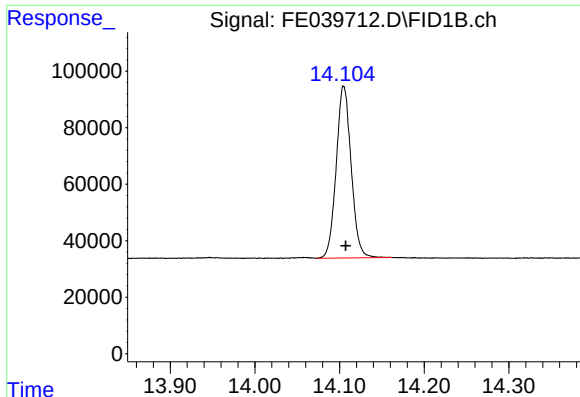
#11 n-Heneicosane (C21)

R.T.: 13.519 min
Delta R.T.: -0.002 min
Response: 751595
Conc: 5.45 ug/ml



#12 1-chlorooctadecane (SURR)

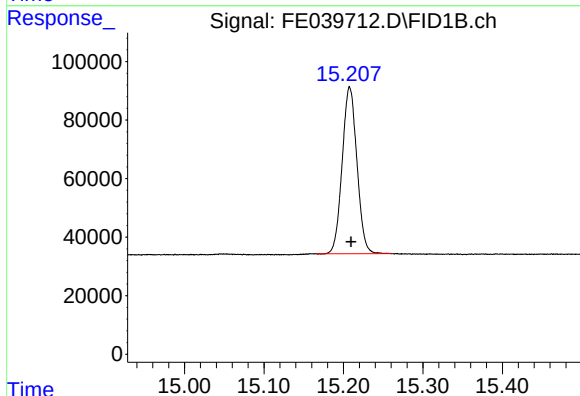
R.T.: 13.351 min
Delta R.T.: -0.003 min
Response: 615515
Conc: 5.34 ug/ml



#13 n-Docosane (C22)

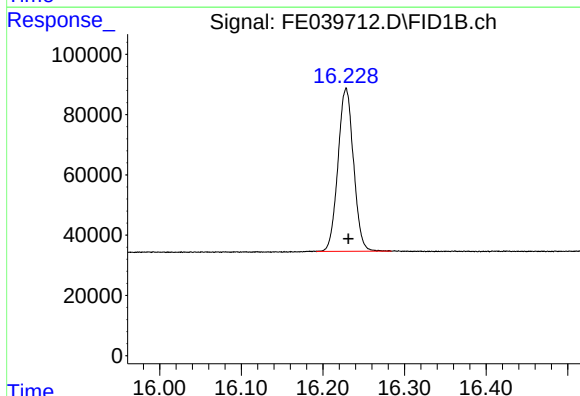
R.T.: 14.105 min
Delta R.T.: -0.003 min
Response: 746723
Conc: 5.47 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



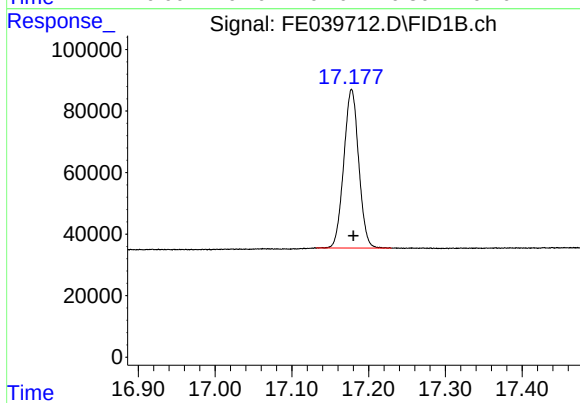
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: -0.002 min
Response: 736473
Conc: 5.46 ug/ml



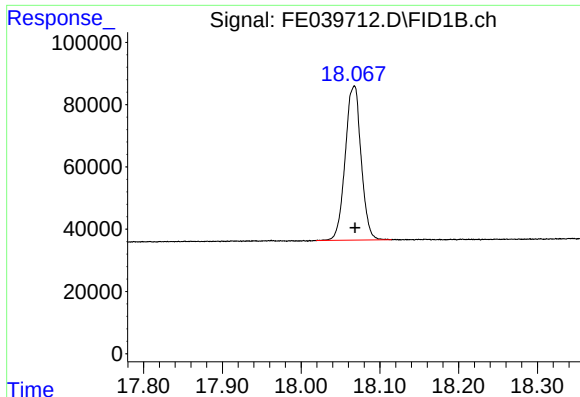
#15 n-Hexacosane (C26)

R.T.: 16.228 min
Delta R.T.: -0.003 min
Response: 715249
Conc: 5.46 ug/ml



#16 n-Octacosane (C28)

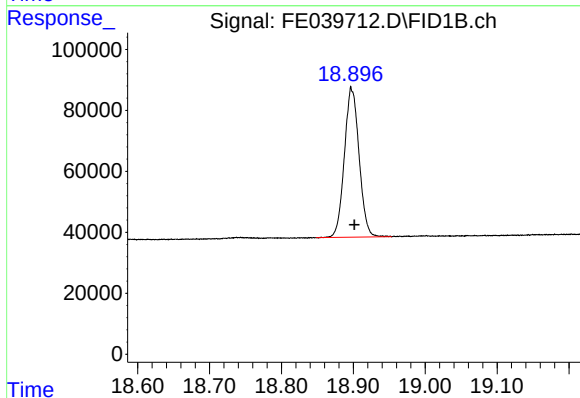
R.T.: 17.178 min
Delta R.T.: -0.002 min
Response: 696846
Conc: 5.46 ug/ml



#17 n-Tricontane (C30)

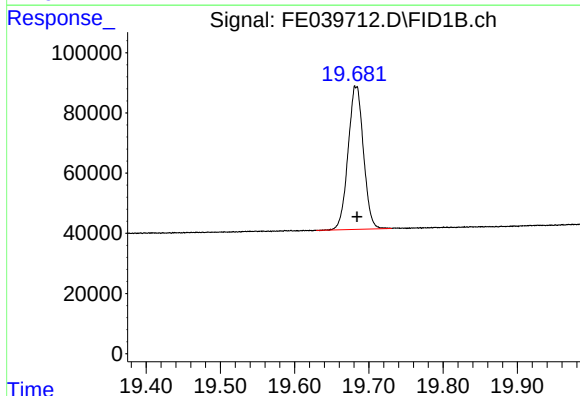
R.T.: 18.067 min
Delta R.T.: -0.001 min
Response: 693352
Conc: 5.54 ug/ml

Instrument :
FID_E
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5 PPM ALIPHATIC HC STD5



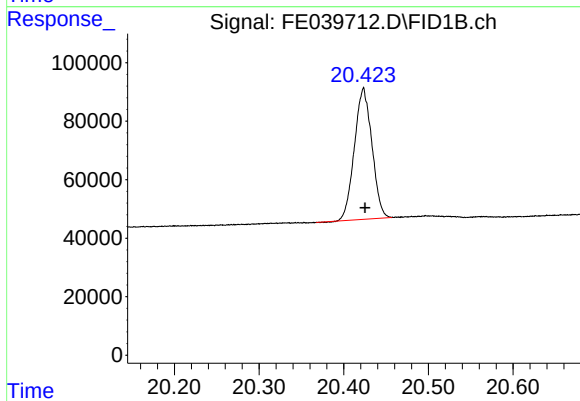
#18 n-Dotriacontane (C32)

R.T.: 18.897 min
Delta R.T.: -0.004 min
Response: 695794
Conc: 5.59 ug/ml



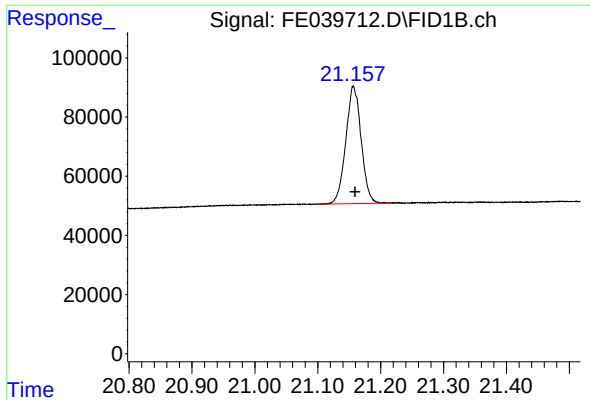
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: -0.001 min
Response: 682835
Conc: 5.59 ug/ml



#20 n-Hexatriacontane (C36)

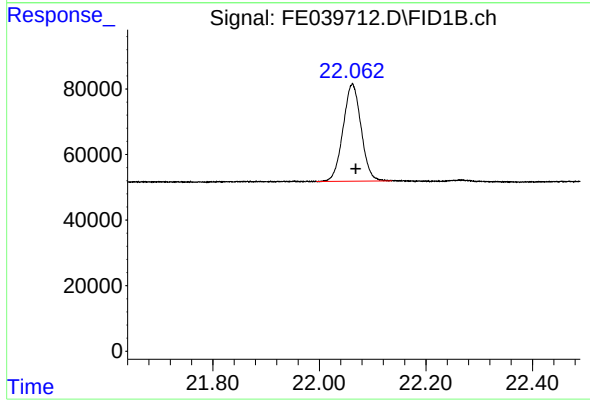
R.T.: 20.423 min
Delta R.T.: -0.002 min
Response: 644637
Conc: 5.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.157 min
Delta R.T.: -0.003 min
Response: 673900
Conc: 5.69 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.062 min
Delta R.T.: -0.006 min
Response: 695541
Conc: 5.76 ug/ml