

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120122AL\
 Data File : FE039059.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2022 13:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 01 16:44:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.948	2714423	17.351 ug/ml
Spiked Amount 50.000		Recovery =	34.70%
12) S 1-chlorooctadecane (S...	13.383	2106990	17.451 ug/ml
Spiked Amount 50.000		Recovery =	34.90%
Target Compounds			
1) T n-Nonane (C9)	3.343	2333492	16.462 ug/ml
2) T n-Decane (C10)	4.592	2321153	16.654 ug/ml
3) T A~Naphthalene (C11.7)	6.296	2685021	16.881 ug/ml
4) T n-Dodecane (C12)	6.755	2349399	16.667 ug/ml
5) T A~2-methylnaphthalene...	7.390	2530048	16.905 ug/ml
6) T n-Tetradecane (C14)	8.581	2399342	16.800 ug/ml
7) T n-Hexadecane (C16)	10.188	2495882	17.070 ug/ml
8) T n-Octadecane (C18)	11.630	2549312	17.325 ug/ml
10) T n-Eicosane (C20)	12.938	2502146	17.625 ug/ml
11) T n-Heneicosane (C21)	13.550	2486399	17.498 ug/ml
13) T n-Docosane (C22)	14.135	2532498	18.117 ug/ml
14) T n-Tetracosane (C24)	15.238	2593155	18.777 ug/ml
15) T n-Hexacosane (C26)	16.259	2609003	19.425 ug/ml
16) T n-Octacosane (C28)	17.209	2648088	19.941 ug/ml
17) T n-Tricontane (C30)	18.096	2678019	20.279 ug/ml
18) T n-Dotriacontane (C32)	18.929	2682301	20.112 ug/ml
19) T n-Tetratriacontane (C34)	19.713	2511818	18.982 ug/ml
20) T n-Hexatriacontane (C36)	20.453	2360678	18.375 ug/ml
21) T n-Octatriacontane (C38)	21.193	2377304	18.142 ug/ml
22) T n-Tetracontane (C40)	22.113	2360919	17.338 ug/ml

(f)=RT Delta > 1/2 Window

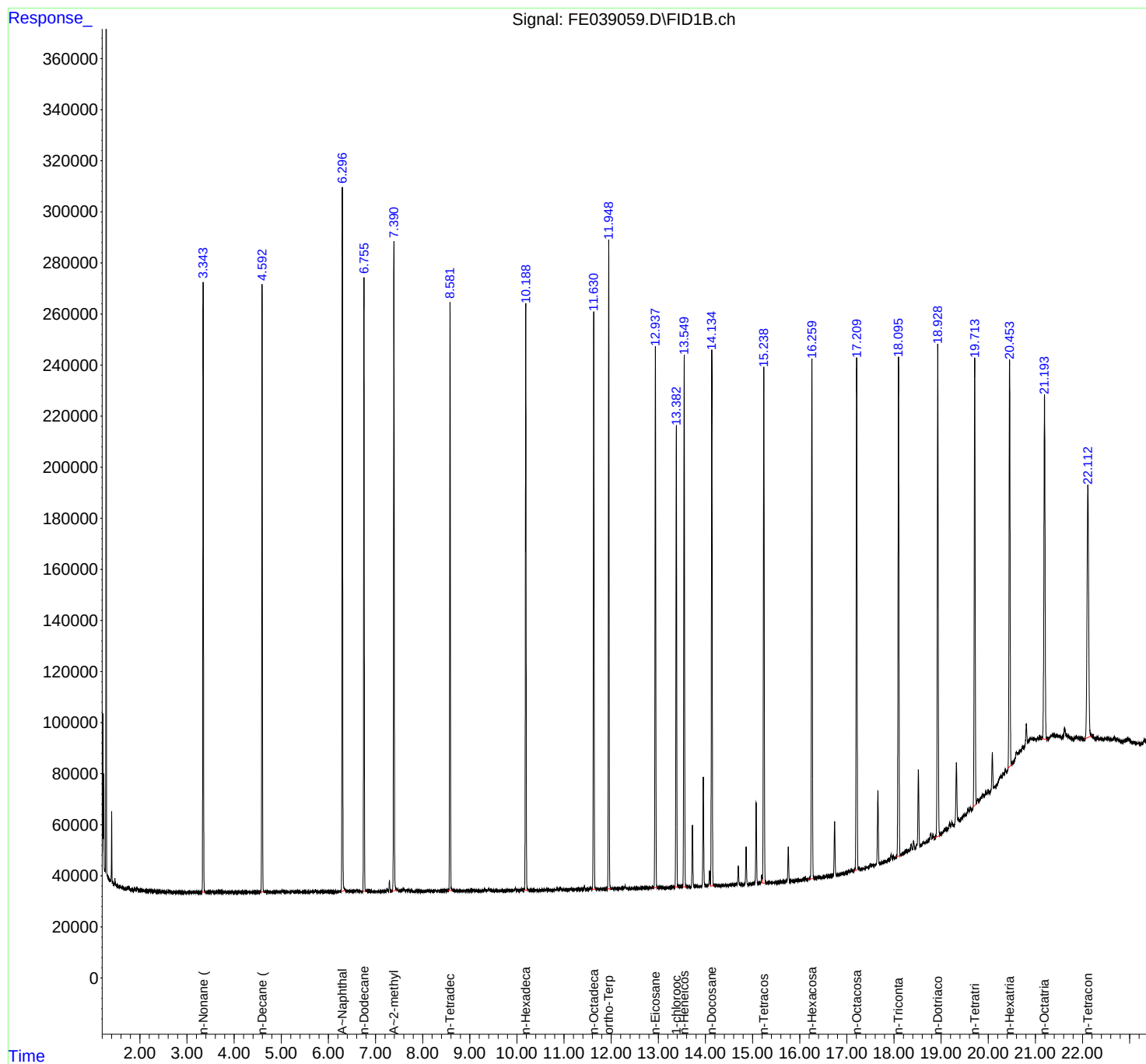
(m)=manual int.

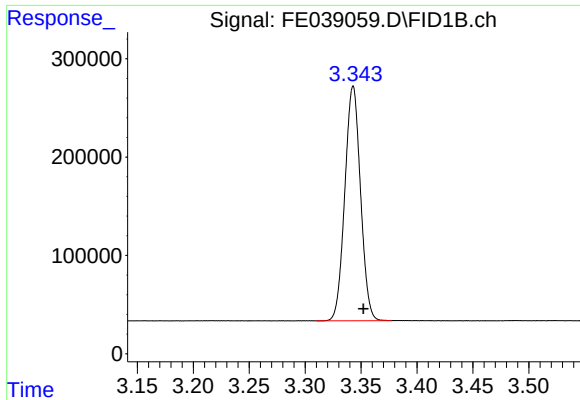
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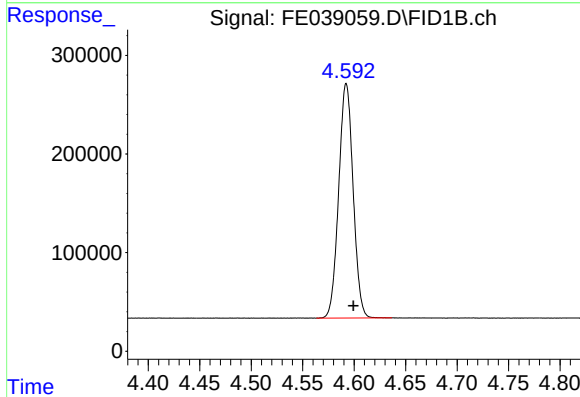




#1 n-Nonane (C9)

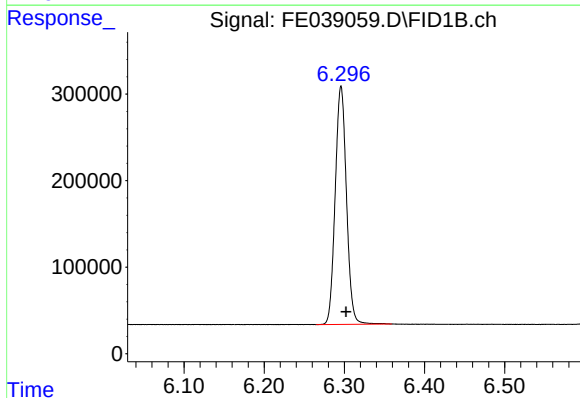
R.T.: 3.343 min
Delta R.T.: -0.009 min
Response: 2333492
Conc: 16.46 ug/ml

Instrument :
FID_E
ClientSampleId :



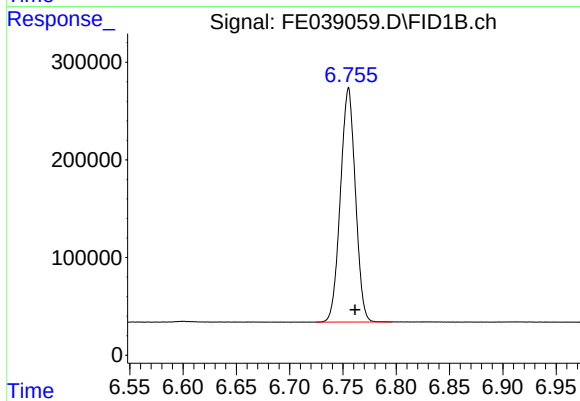
#2 n-Decane (C10)

R.T.: 4.592 min
Delta R.T.: -0.007 min
Response: 2321153
Conc: 16.65 ug/ml



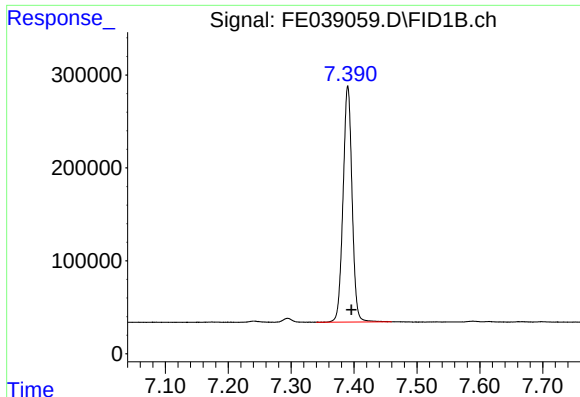
#3 A~Naphthalene (C11.7)

R.T.: 6.296 min
Delta R.T.: -0.006 min
Response: 2685021
Conc: 16.88 ug/ml



#4 n-Dodecane (C12)

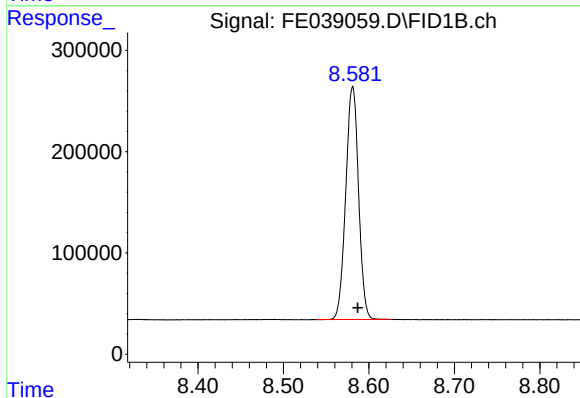
R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 2349399
Conc: 16.67 ug/ml



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

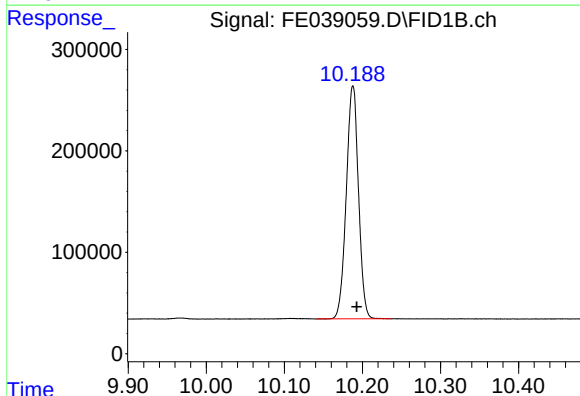
R.T.: 7.390 min
Delta R.T.: -0.006 min
Response: 2530048
Conc: 16.90 ug/ml

Instrument :
FID_E
ClientSampleId :



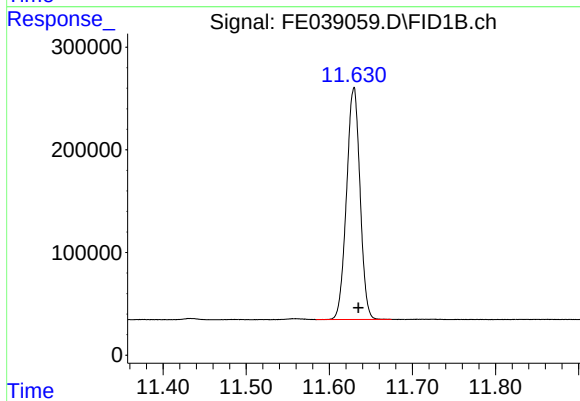
#6 n-Tetradecane (C14)

R.T.: 8.581 min
Delta R.T.: -0.006 min
Response: 2399342
Conc: 16.80 ug/ml



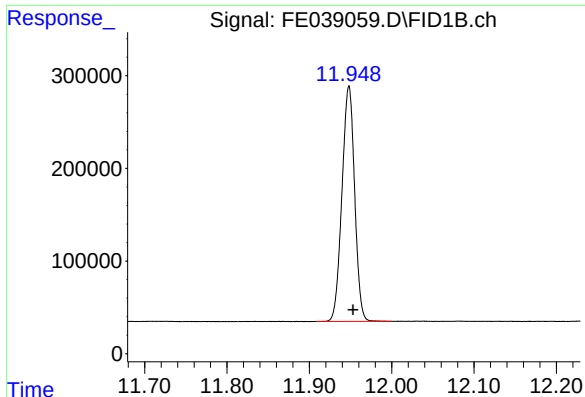
#7 n-Hexadecane (C16)

R.T.: 10.188 min
Delta R.T.: -0.005 min
Response: 2495882
Conc: 17.07 ug/ml



#8 n-Octadecane (C18)

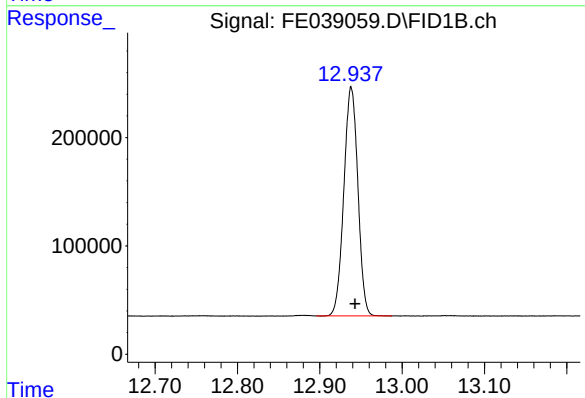
R.T.: 11.630 min
Delta R.T.: -0.005 min
Response: 2549312
Conc: 17.32 ug/ml



#9 ortho-Terphenyl (SURR)

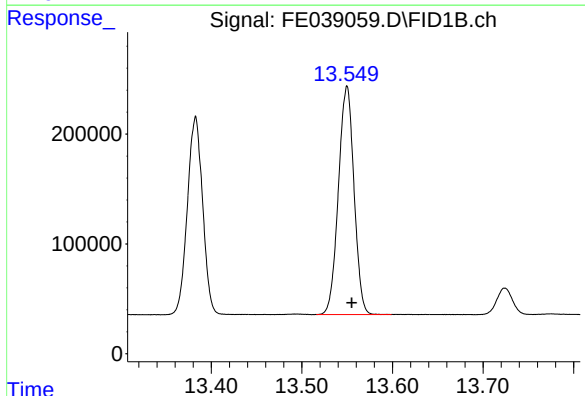
R.T.: 11.948 min
Delta R.T.: -0.005 min
Response: 2714423
Conc: 17.35 ug/ml

Instrument :
FID_E
ClientSampleId :



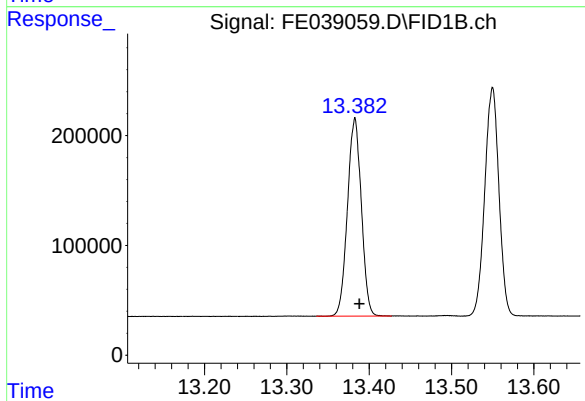
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: -0.005 min
Response: 2502146
Conc: 17.63 ug/ml



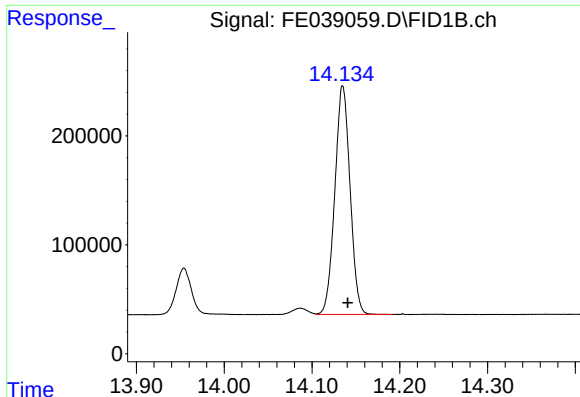
#11 n-Heneicosane (C21)

R.T.: 13.550 min
Delta R.T.: -0.005 min
Response: 2486399
Conc: 17.50 ug/ml



#12 1-chlorooctadecane (SURR)

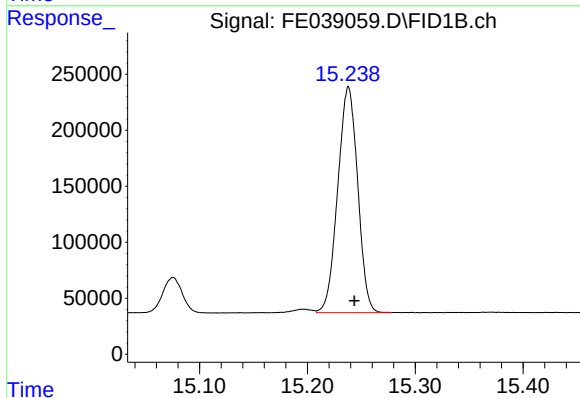
R.T.: 13.383 min
Delta R.T.: -0.005 min
Response: 2106990
Conc: 17.45 ug/ml



#13 n-Docosane (C22)

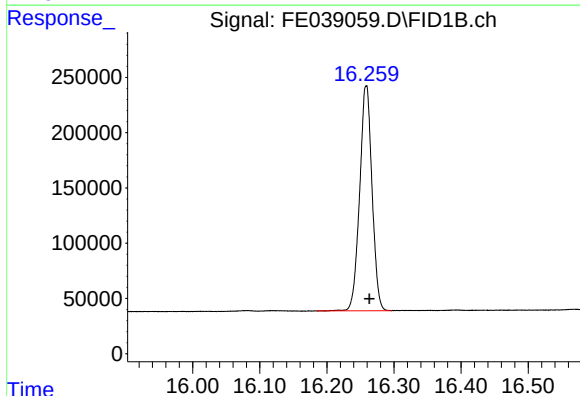
R.T.: 14.135 min
Delta R.T.: -0.006 min
Response: 2532498
Conc: 18.12 ug/ml

Instrument :
FID_E
ClientSampleId :



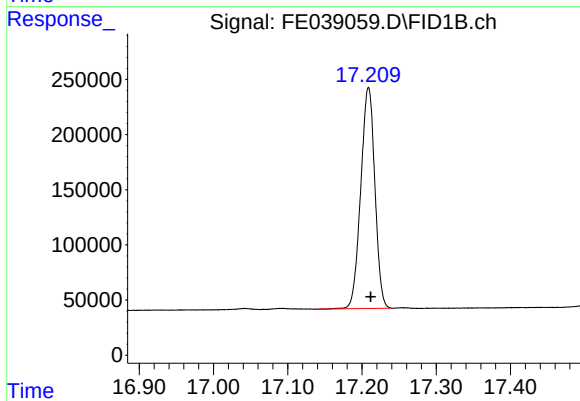
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: -0.005 min
Response: 2593155
Conc: 18.78 ug/ml



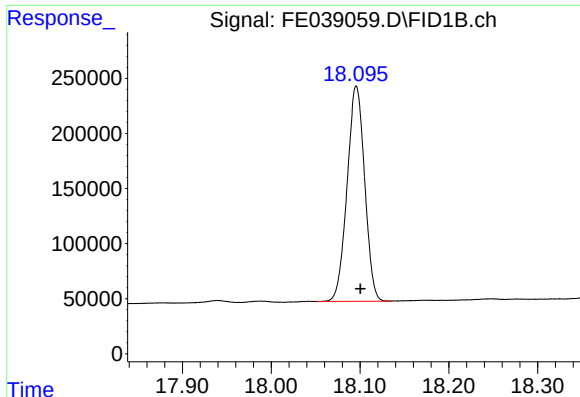
#15 n-Hexacosane (C26)

R.T.: 16.259 min
Delta R.T.: -0.005 min
Response: 2609003
Conc: 19.42 ug/ml



#16 n-Octacosane (C28)

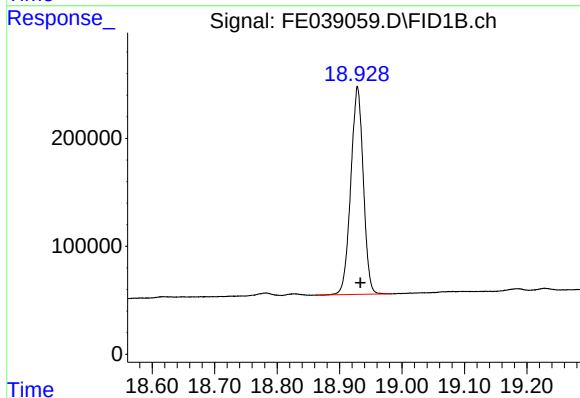
R.T.: 17.209 min
Delta R.T.: -0.003 min
Response: 2648088
Conc: 19.94 ug/ml



#17 n-Tricontane (C30)

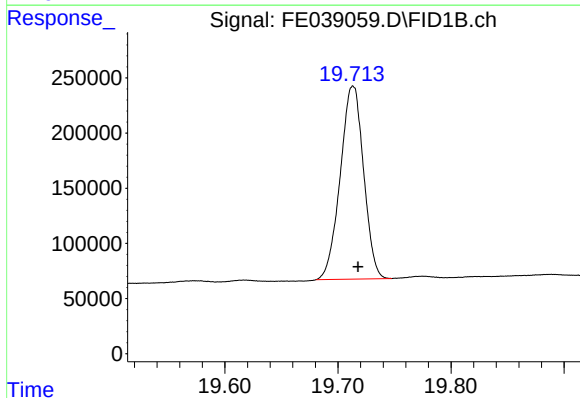
R.T.: 18.096 min
Delta R.T.: -0.004 min
Response: 2678019
Conc: 20.28 ug/ml

Instrument :
FID_E
ClientSampleId :



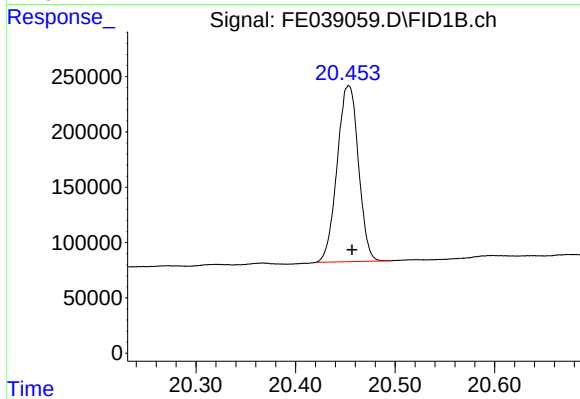
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.005 min
Response: 2682301
Conc: 20.11 ug/ml



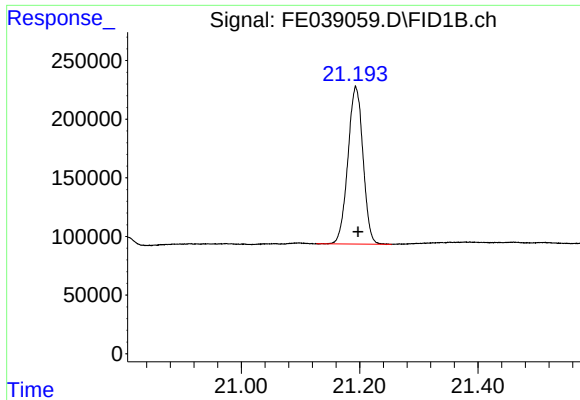
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.004 min
Response: 2511818
Conc: 18.98 ug/ml



#20 n-Hexatriacontane (C36)

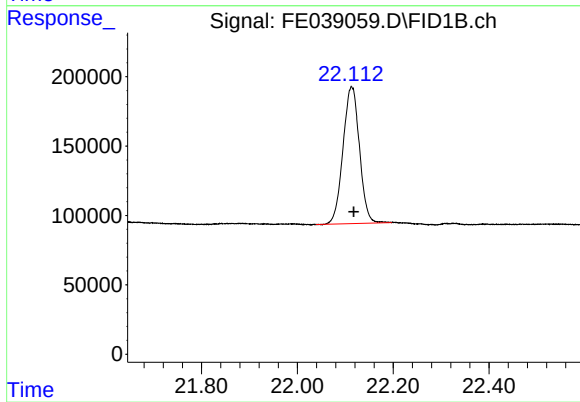
R.T.: 20.453 min
Delta R.T.: -0.004 min
Response: 2360678
Conc: 18.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: -0.004 min
Response: 2377304
Conc: 18.14 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: -0.005 min
Response: 2360919
Conc: 17.34 ug/ml