

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120122AL\
 Data File : FE039051.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2022 09:11
 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 12:57:07 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)	11.950	2714002	17.349 ug/ml
Spiked Amount 50.000		Recovery =	34.70%
12) S 1-chlorooctadecane (S...	13.385	2117162	17.535 ug/ml
Spiked Amount 50.000		Recovery =	35.07%
Target Compounds			
1) T n-Nonane (C9)	3.343	2314768	16.330 ug/ml
2) T n-Decane (C10)	4.593	2305907	16.544 ug/ml
3) T A~Naphthalene (C11.7)	6.298	2663081	16.743 ug/ml
4) T n-Dodecane (C12)	6.756	2335101	16.566 ug/ml
5) T A~2-methylnaphthalene...	7.391	2521733	16.849 ug/ml
6) T n-Tetradecane (C14)	8.582	2393610	16.759 ug/ml
7) T n-Hexadecane (C16)	10.189	2490775	17.035 ug/ml
8) T n-Octadecane (C18)	11.631	2548661	17.320 ug/ml
10) T n-Eicosane (C20)	12.940	2510133	17.682 ug/ml
11) T n-Heneicosane (C21)	13.552	2492606	17.541 ug/ml
13) T n-Docosane (C22)	14.137	2537111	18.150 ug/ml
14) T n-Tetracosane (C24)	15.241	2605245	18.864 ug/ml
15) T n-Hexacosane (C26)	16.260	2621376	19.517 ug/ml
16) T n-Octacosane (C28)	17.212	2671094	20.114 ug/ml
17) T n-Tricontane (C30)	18.099	2679803	20.292 ug/ml
18) T n-Dotriacontane (C32)	18.932	2675479	20.061 ug/ml
19) T n-Tetratriacontane (C34)	19.716	2515274	19.009 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2361169	18.379 ug/ml
21) T n-Octatriacontane (C38)	21.196	2616046	19.964 ug/ml
22) T n-Tetracontane (C40)	22.119	2686558	19.730 ug/ml

(f)=RT Delta > 1/2 Window

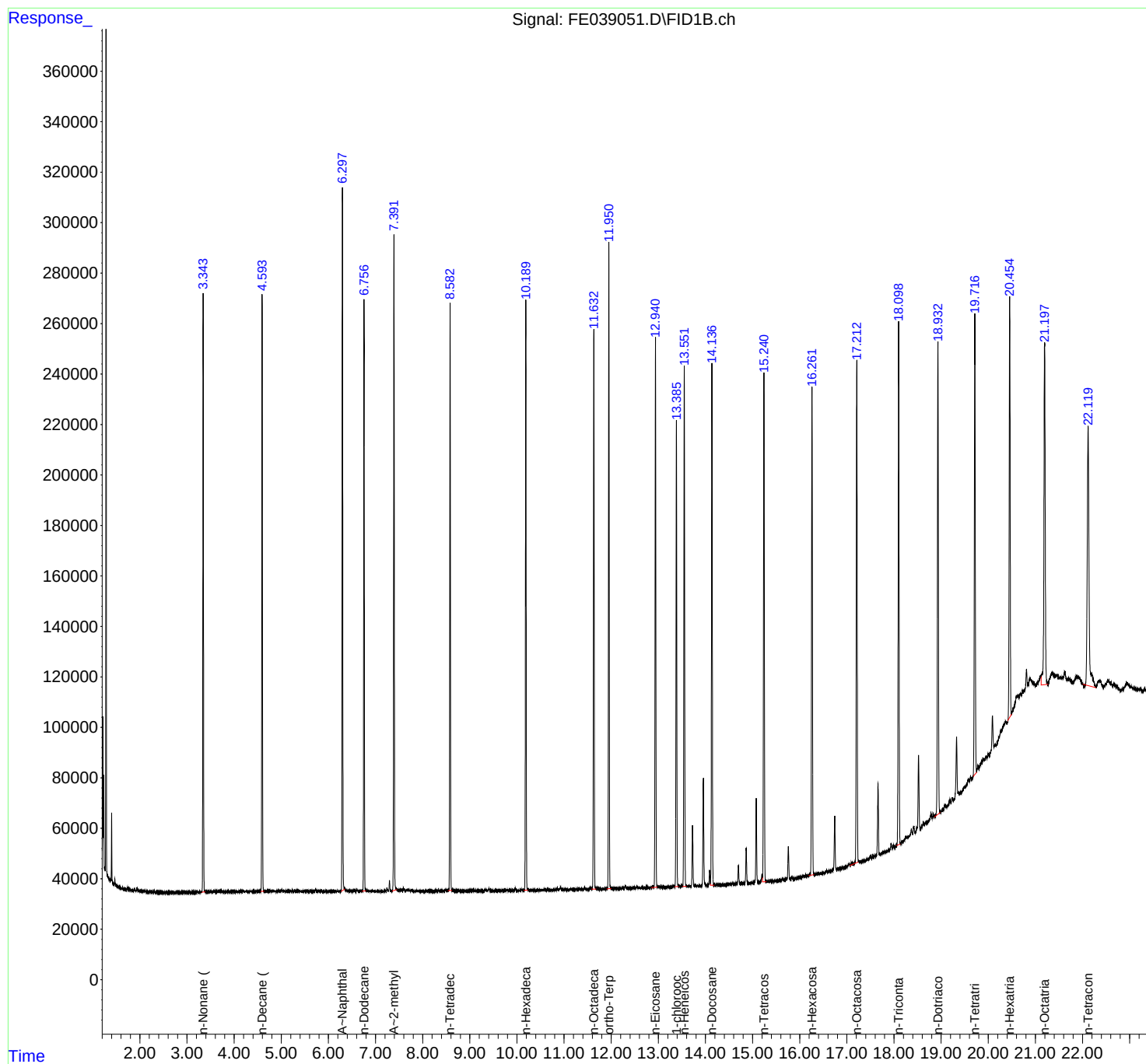
(m)=manual int.

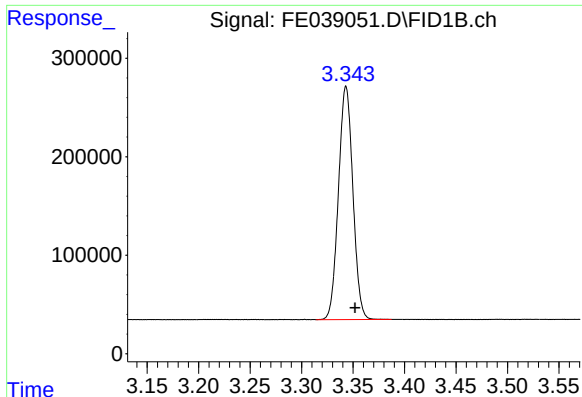
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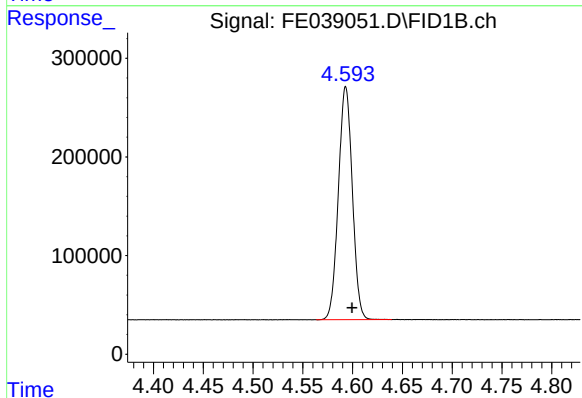




#1 n-Nonane (C9)

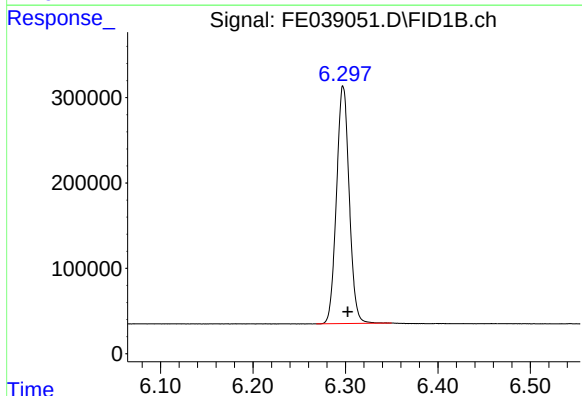
R.T.: 3.343 min
Delta R.T.: -0.009 min
Response: 2314768
Conc: 16.33 ug/ml

Instrument :
FID_E
ClientSampleId :



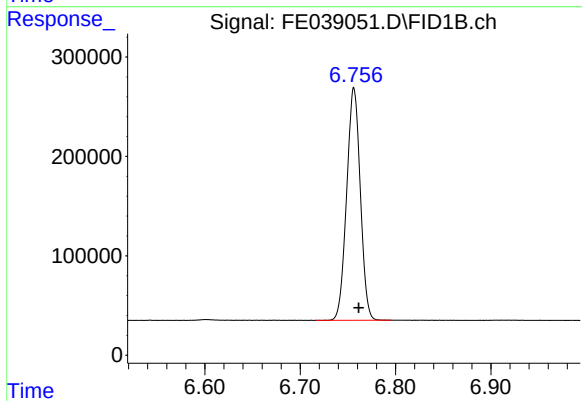
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.006 min
Response: 2305907
Conc: 16.54 ug/ml



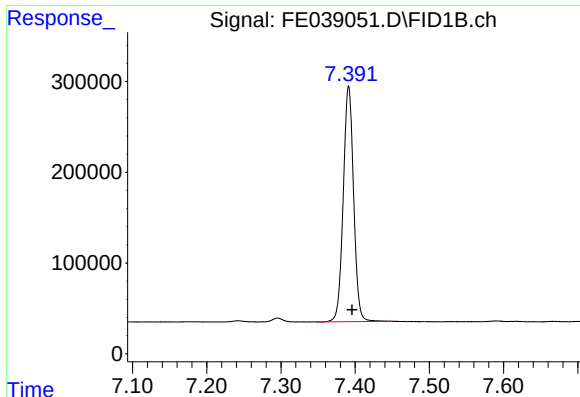
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.005 min
Response: 2663081
Conc: 16.74 ug/ml



#4 n-Dodecane (C12)

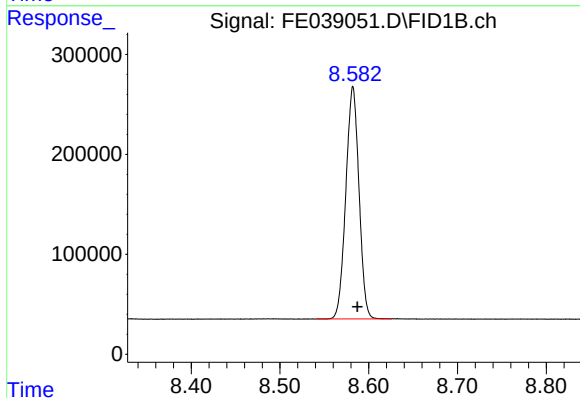
R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 2335101
Conc: 16.57 ug/ml



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

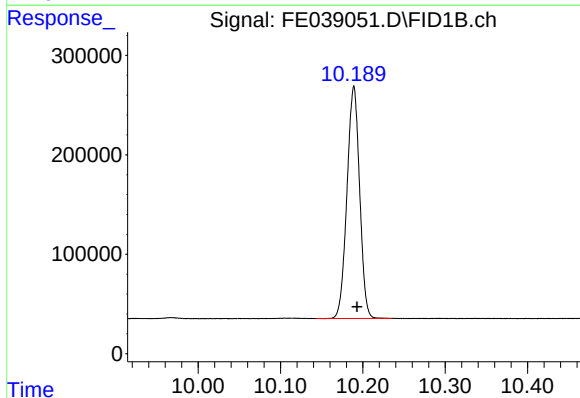
R.T.: 7.391 min
Delta R.T.: -0.005 min
Response: 2521733
Conc: 16.85 ug/ml

Instrument :
FID_E
ClientSampleId :



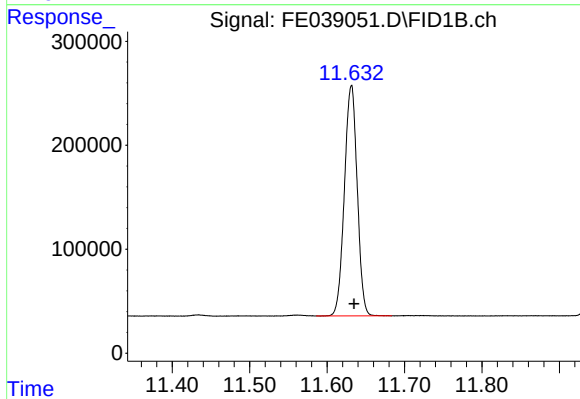
#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: -0.005 min
Response: 2393610
Conc: 16.76 ug/ml



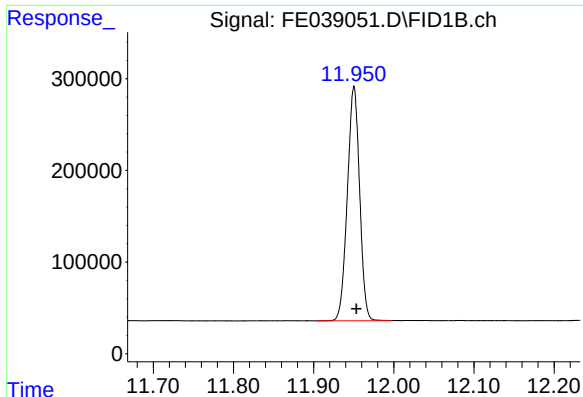
#7 n-Hexadecane (C16)

R.T.: 10.189 min
Delta R.T.: -0.004 min
Response: 2490775
Conc: 17.04 ug/ml



#8 n-Octadecane (C18)

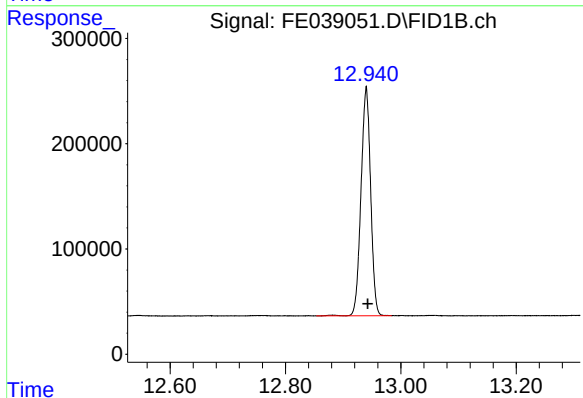
R.T.: 11.631 min
Delta R.T.: -0.003 min
Response: 2548661
Conc: 17.32 ug/ml



#9 ortho-Terphenyl (SURR)

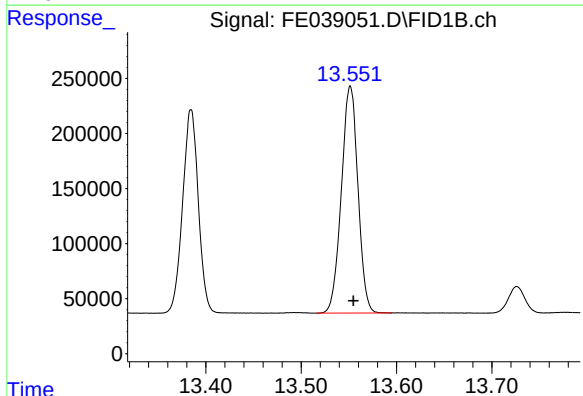
R.T.: 11.950 min
Delta R.T.: -0.003 min
Response: 2714002
Conc: 17.35 ug/ml

Instrument :
FID_E
ClientSampleId :



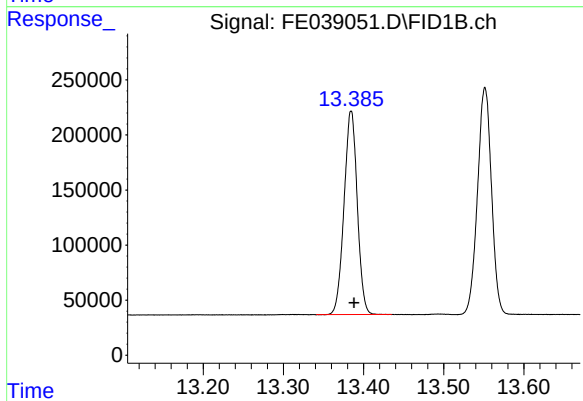
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: -0.003 min
Response: 2510133
Conc: 17.68 ug/ml



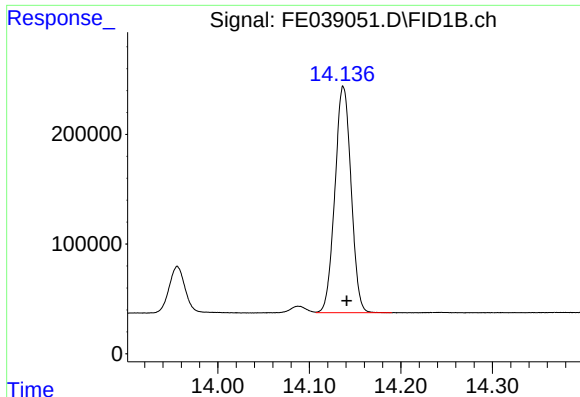
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: -0.003 min
Response: 2492606
Conc: 17.54 ug/ml



#12 1-chlorooctadecane (SURR)

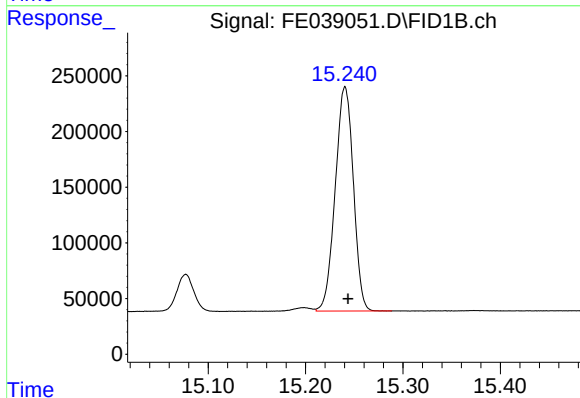
R.T.: 13.385 min
Delta R.T.: -0.004 min
Response: 2117162
Conc: 17.53 ug/ml



#13 n-Docosane (C22)

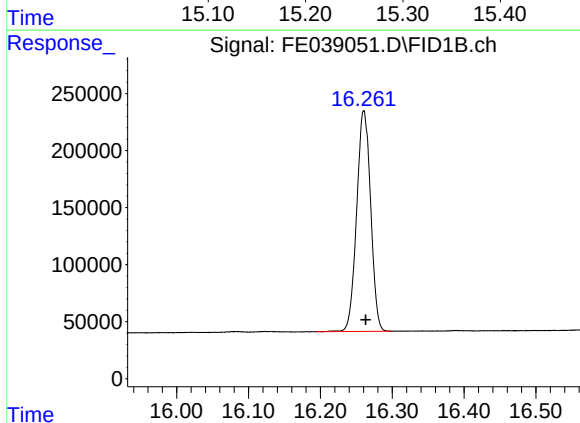
R.T.: 14.137 min
Delta R.T.: -0.004 min
Response: 2537111
Conc: 18.15 ug/ml

Instrument :
FID_E
ClientSampleId :



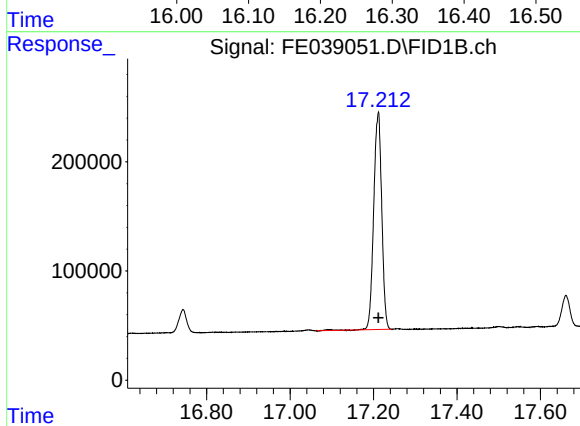
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: -0.003 min
Response: 2605245
Conc: 18.86 ug/ml



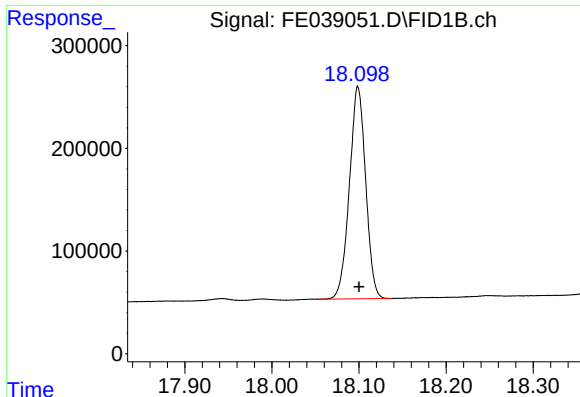
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: -0.003 min
Response: 2621376
Conc: 19.52 ug/ml



#16 n-Octacosane (C28)

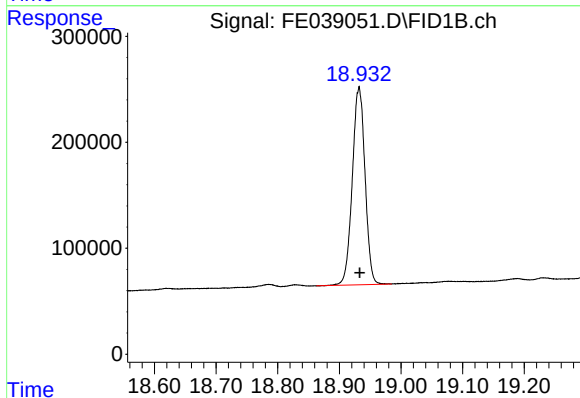
R.T.: 17.212 min
Delta R.T.: 0.000 min
Response: 2671094
Conc: 20.11 ug/ml



#17 n-Tricontane (C30)

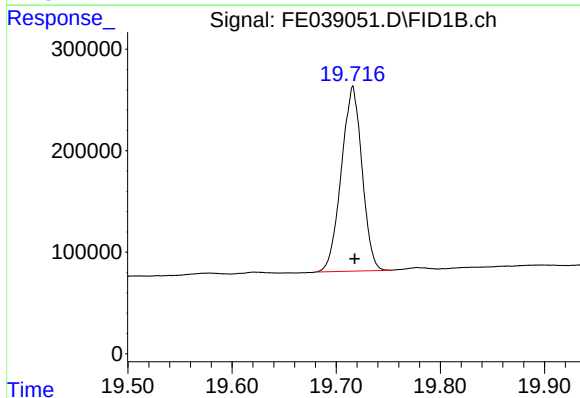
R.T.: 18.099 min
Delta R.T.: -0.001 min
Response: 2679803
Conc: 20.29 ug/ml

Instrument :
FID_E
ClientSampleId :



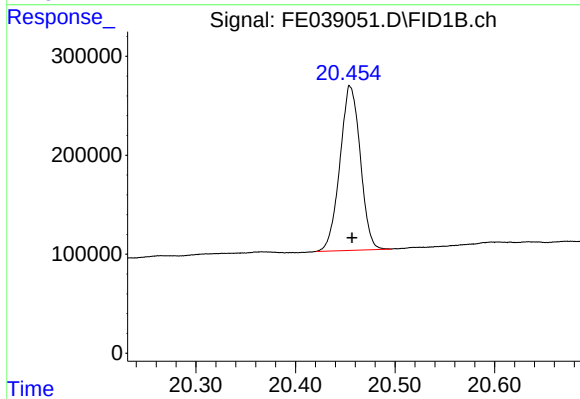
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.001 min
Response: 2675479
Conc: 20.06 ug/ml



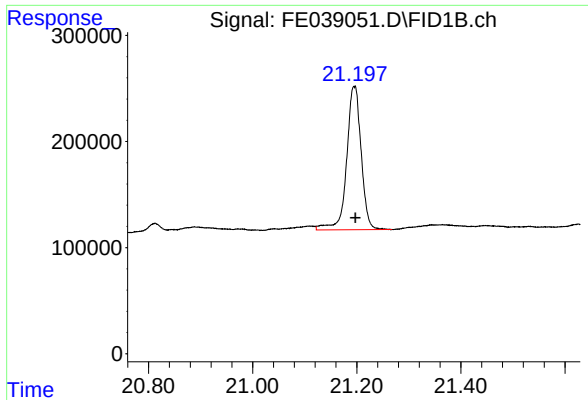
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: -0.002 min
Response: 2515274
Conc: 19.01 ug/ml



#20 n-Hexatriacontane (C36)

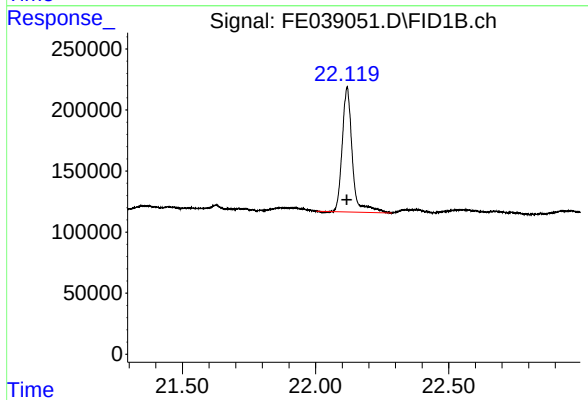
R.T.: 20.455 min
Delta R.T.: -0.002 min
Response: 2361169
Conc: 18.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.002 min
Response: 2616046
Conc: 19.96 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.119 min
Delta R.T.: 0.001 min
Response: 2686558
Conc: 19.73 ug/ml