

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011023AL\
 Data File : FE039715.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2023 04:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 10 04:45:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 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	3032857	19.749 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
12) S 1-chlorooctadecane (S...	13.353	2304615	19.749 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
Target Compounds			
1) T n-Nonane (C9)	3.312	2512516	19.794 ug/ml
2) T n-Decane (C10)	4.562	2463384	19.836 ug/ml
3) T A~Naphthalene (C11.7)	6.264	2813347	19.949 ug/ml
4) T n-Dodecane (C12)	6.726	2492754	19.827 ug/ml
5) T A~2-methylnaphthalene...	7.358	2642711	20.177 ug/ml
6) T n-Tetradecane (C14)	8.551	2549912	19.826 ug/ml
7) T n-Hexadecane (C16)	10.158	2665707	19.760 ug/ml
8) T n-Octadecane (C18)	11.600	2759532	19.693 ug/ml
10) T n-Eicosane (C20)	12.909	2726656	19.680 ug/ml
11) T n-Heneicosane (C21)	13.520	2750608	19.712 ug/ml
13) T n-Docosane (C22)	14.106	2729302	19.663 ug/ml
14) T n-Tetracosane (C24)	15.209	2699031	19.604 ug/ml
15) T n-Hexacosane (C26)	16.229	2613648	19.583 ug/ml
16) T n-Octacosane (C28)	17.180	2546192	19.560 ug/ml
17) T n-Tricontane (C30)	18.066	2492964	19.549 ug/ml
18) T n-Dotriacontane (C32)	18.899	2461687	19.472 ug/ml
19) T n-Tetratriacontane (C34)	19.681	2397485	19.402 ug/ml
20) T n-Hexatriacontane (C36)	20.423	2284227	19.375 ug/ml
21) T n-Octatriacontane (C38)	21.156	2266217	18.961 ug/ml
22) T n-Tetracontane (C40)	22.062	2234546	18.411 ug/ml

(f)=RT Delta > 1/2 Window

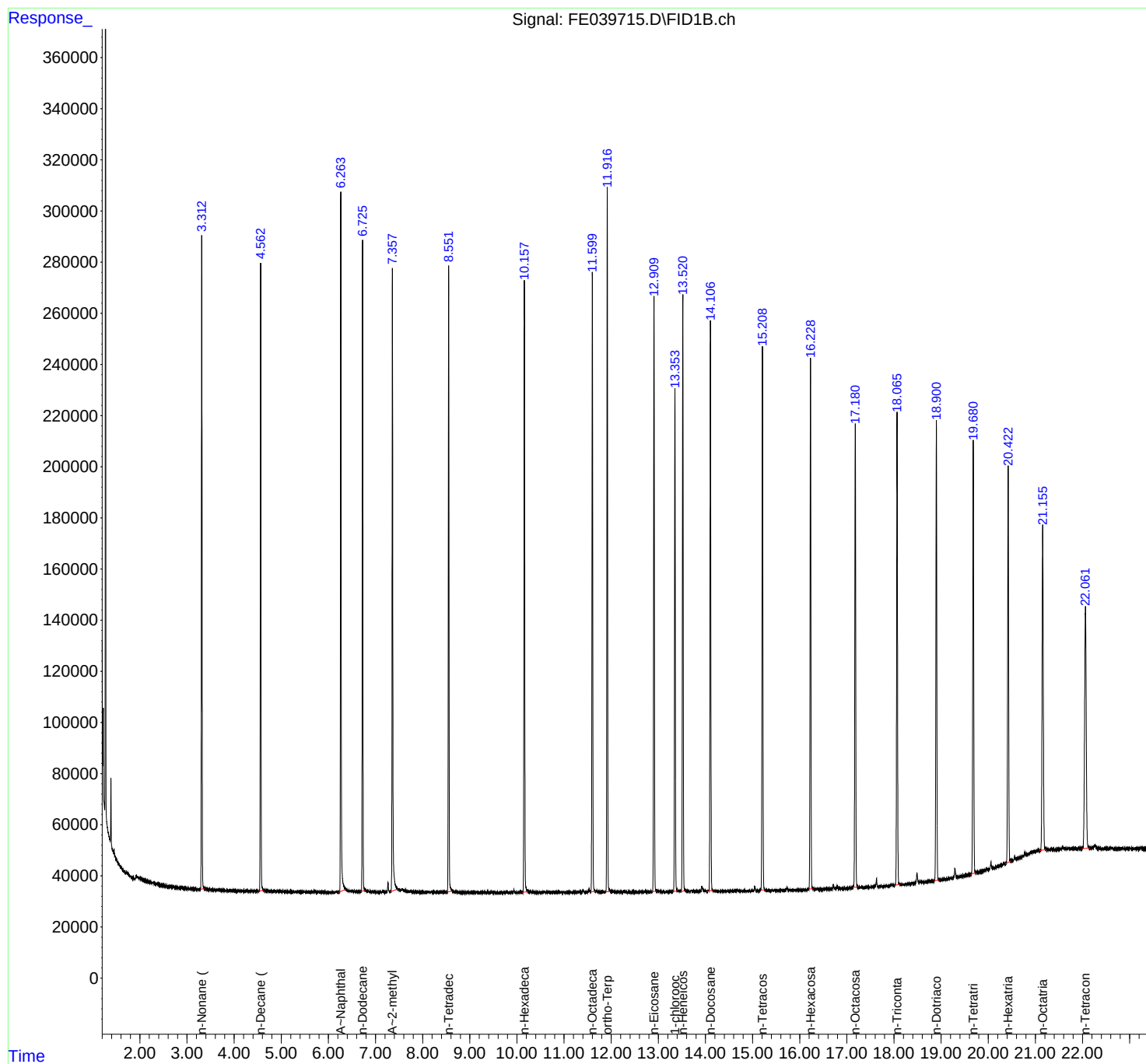
(m)=manual int.

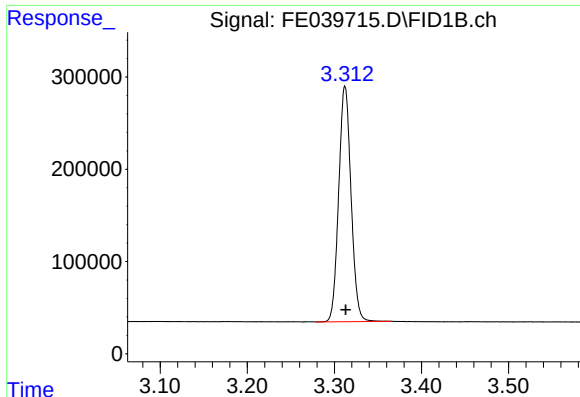
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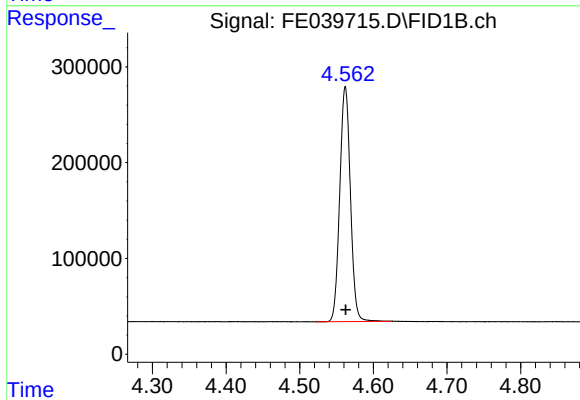




#1 n-Nonane (C9)

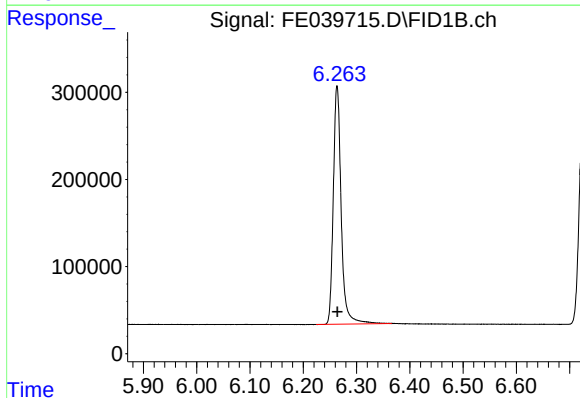
R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 2512516
Conc: 19.79 ug/ml

Instrument :
FID_E
ClientSampleId :



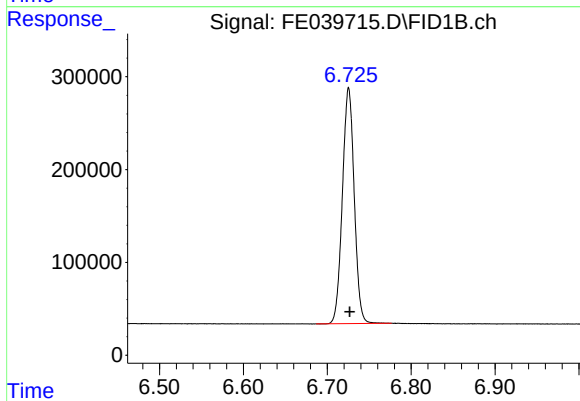
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 2463384
Conc: 19.84 ug/ml



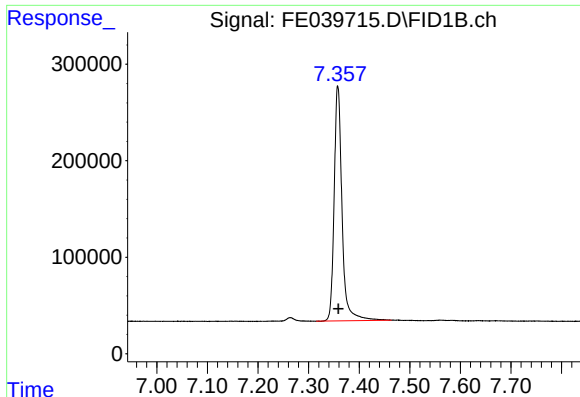
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: -0.001 min
Response: 2813347
Conc: 19.95 ug/ml



#4 n-Dodecane (C12)

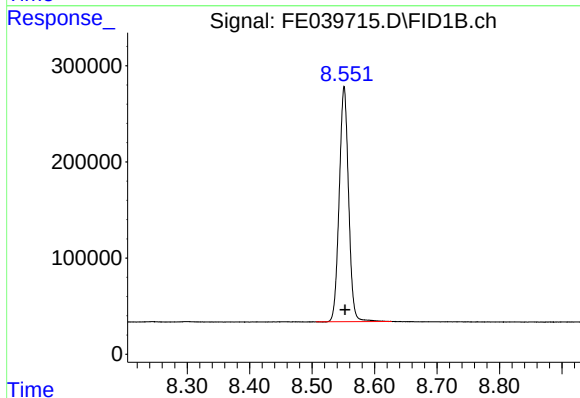
R.T.: 6.726 min
Delta R.T.: -0.001 min
Response: 2492754
Conc: 19.83 ug/ml



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

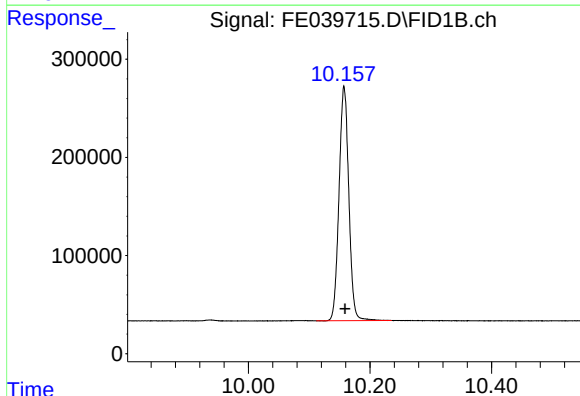
R.T.: 7.358 min
Delta R.T.: -0.001 min
Response: 2642711
Conc: 20.18 ug/ml

Instrument :
FID_E
ClientSampleId :



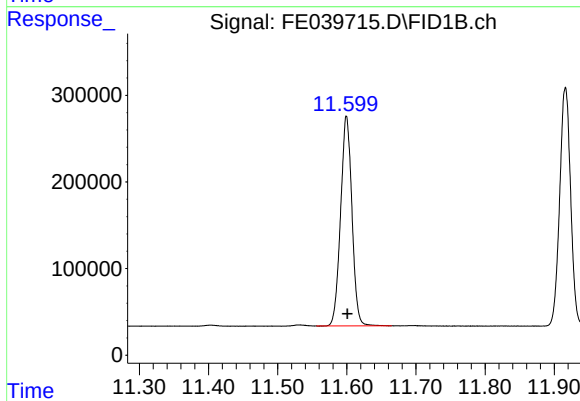
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.001 min
Response: 2549912
Conc: 19.83 ug/ml



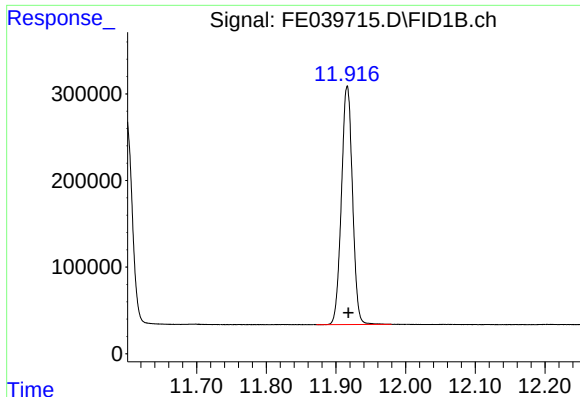
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: -0.002 min
Response: 2665707
Conc: 19.76 ug/ml



#8 n-Octadecane (C18)

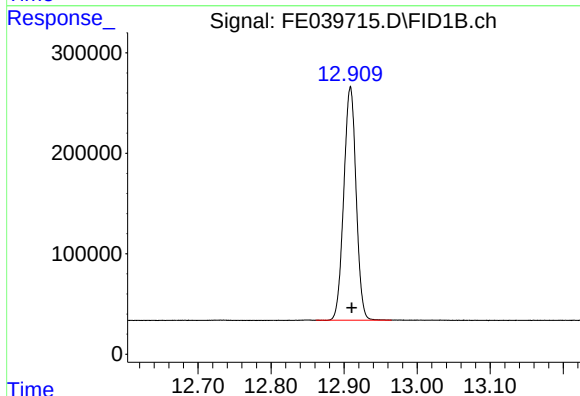
R.T.: 11.600 min
Delta R.T.: -0.001 min
Response: 2759532
Conc: 19.69 ug/ml



#9 ortho-Terphenyl (SURR)

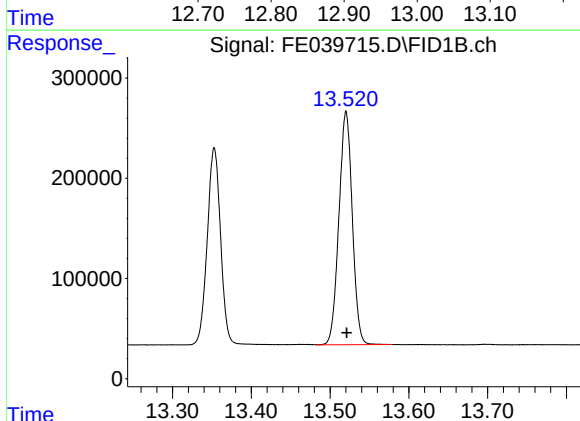
R.T.: 11.916 min
Delta R.T.: -0.002 min
Response: 3032857
Conc: 19.75 ug/ml

Instrument :
FID_E
ClientSampleId :



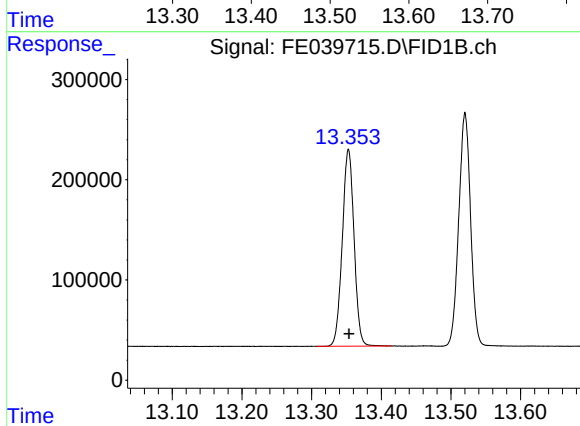
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: -0.002 min
Response: 2726656
Conc: 19.68 ug/ml



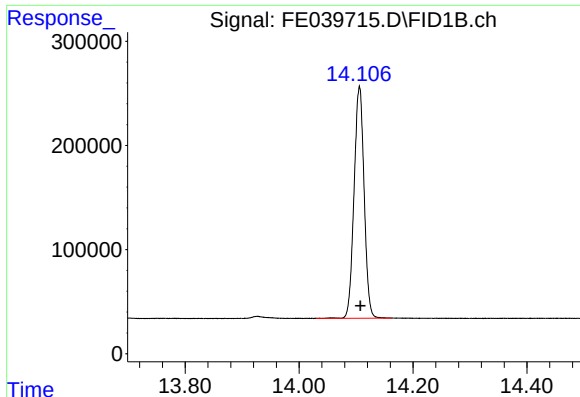
#11 n-Heneicosane (C21)

R.T.: 13.520 min
Delta R.T.: -0.001 min
Response: 2750608
Conc: 19.71 ug/ml



#12 1-chlorooctadecane (SURR)

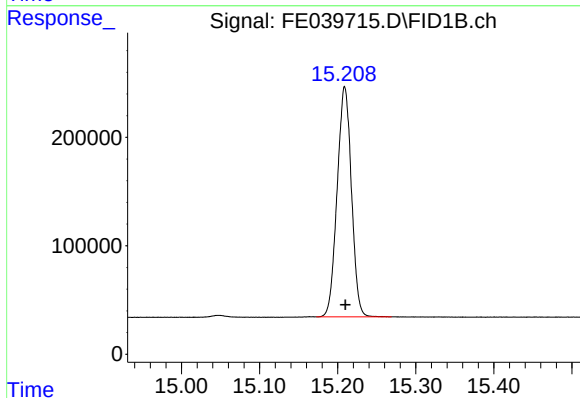
R.T.: 13.353 min
Delta R.T.: 0.000 min
Response: 2304615
Conc: 19.75 ug/ml



#13 n-Docosane (C22)

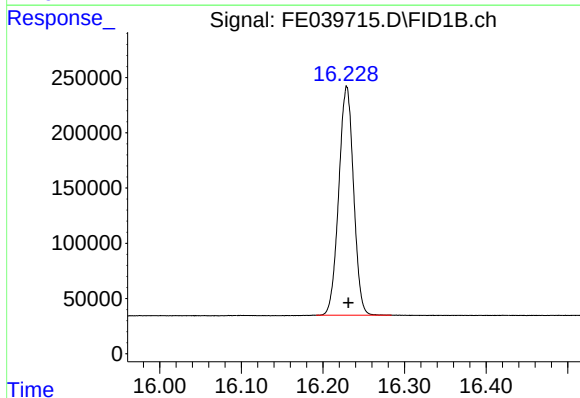
R.T.: 14.106 min
Delta R.T.: -0.001 min
Response: 2729302
Conc: 19.66 ug/ml

Instrument :
FID_E
ClientSampleId :



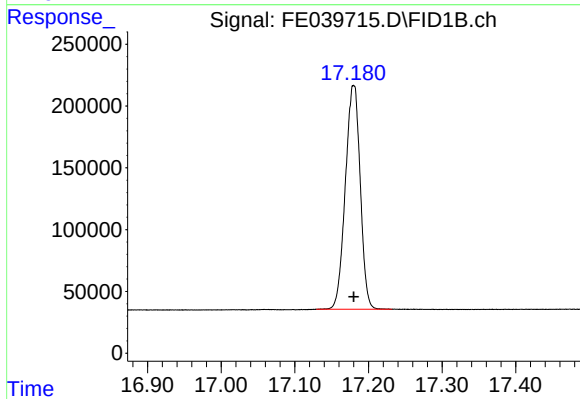
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: 0.000 min
Response: 2699031
Conc: 19.60 ug/ml



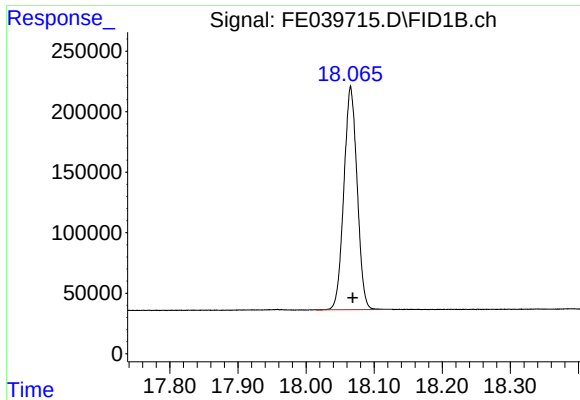
#15 n-Hexacosane (C26)

R.T.: 16.229 min
Delta R.T.: -0.002 min
Response: 2613648
Conc: 19.58 ug/ml



#16 n-Octacosane (C28)

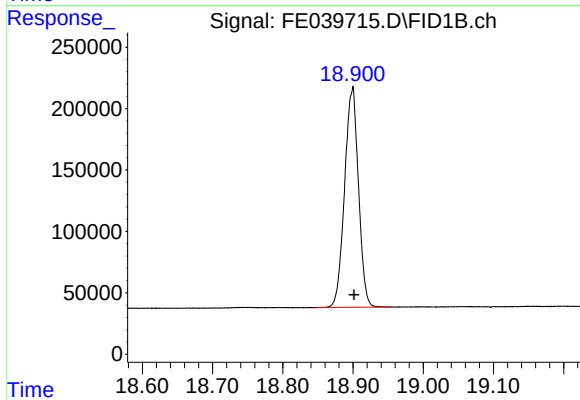
R.T.: 17.180 min
Delta R.T.: 0.000 min
Response: 2546192
Conc: 19.56 ug/ml



#17 n-Tricontane (C30)

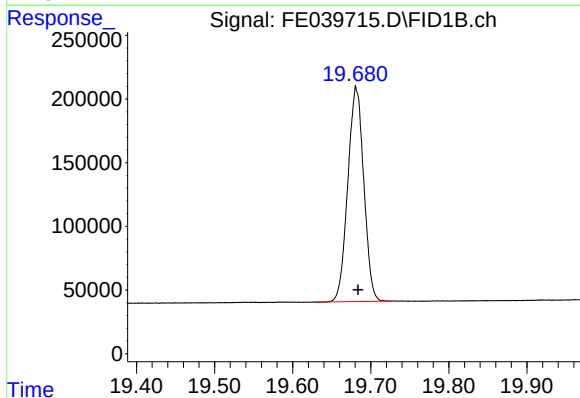
R.T.: 18.066 min
Delta R.T.: -0.003 min
Response: 2492964
Conc: 19.55 ug/ml

Instrument :
FID_E
ClientSampleId :



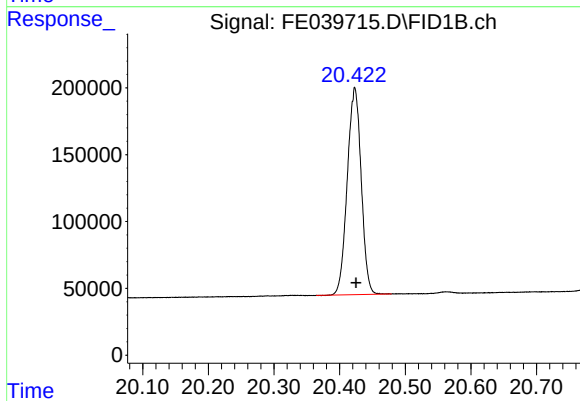
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: -0.002 min
Response: 2461687
Conc: 19.47 ug/ml



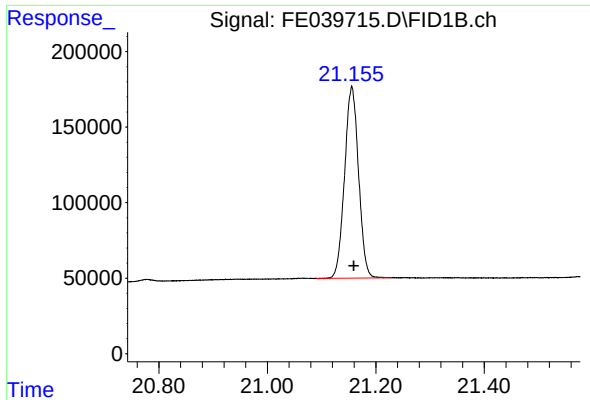
#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: -0.003 min
Response: 2397485
Conc: 19.40 ug/ml



#20 n-Hexatriacontane (C36)

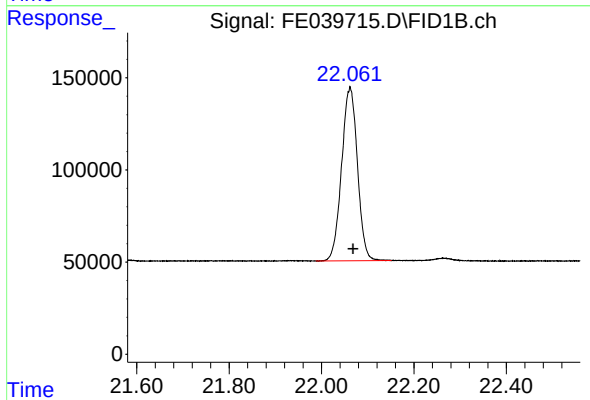
R.T.: 20.423 min
Delta R.T.: -0.002 min
Response: 2284227
Conc: 19.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.156 min
Delta R.T.: -0.004 min
Response: 2266217
Conc: 18.96 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.062 min
Delta R.T.: -0.006 min
Response: 2234546
Conc: 18.41 ug/ml