

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011123AL\
 Data File : FE039726.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2023 17:25
 Operator : YP\AJ
 Sample : 01083-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 11 04:16:06 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)	11.917	4718000	30.723 ug/ml
Spiked Amount 50.000		Recovery =	61.45%
12) S 1-chlorooctadecane (S...	13.354	4837798	41.456 ug/ml
Spiked Amount 50.000		Recovery =	82.91%
Target Compounds			
4) T n-Dodecane (C12)	6.725	123968	0.986 ug/ml
5) T A~2-methylnaphthalene...	7.364	121830	0.930 ug/ml
6) T n-Tetradecane (C14)	8.550	241730	1.879 ug/ml
7) T n-Hexadecane (C16)	10.156	380085	2.817 ug/ml
8) T n-Octadecane (C18)	11.599	378156	2.699 ug/ml
10) T n-Eicosane (C20)	12.908	396536	2.862 ug/ml
11) T n-Heneicosane (C21)	13.521	362269	2.596 ug/ml
13) T n-Docosane (C22)	14.106	423384	3.050 ug/ml
14) T n-Tetracosane (C24)	15.206	523612	3.803 ug/ml
15) T n-Hexacosane (C26)	16.229	379048	2.840 ug/ml
16) T n-Octacosane (C28)	17.181	489171	3.758 ug/ml
17) T n-Tricontane (C30)	18.073	1155428	9.060 ug/ml
18) T n-Dotriacontane (C32)	18.904	679673	5.376 ug/ml
19) T n-Tetratriacontane (C34)	19.691	414312	3.353 ug/ml
20) T n-Hexatriacontane (C36)	20.429	599967	5.089 ug/ml
21) T n-Octatriacontane (C38)	21.171	596796	4.993 ug/ml
22) T n-Tetracontane (C40)	22.088	682068	5.620 ug/ml

(f)=RT Delta > 1/2 Window

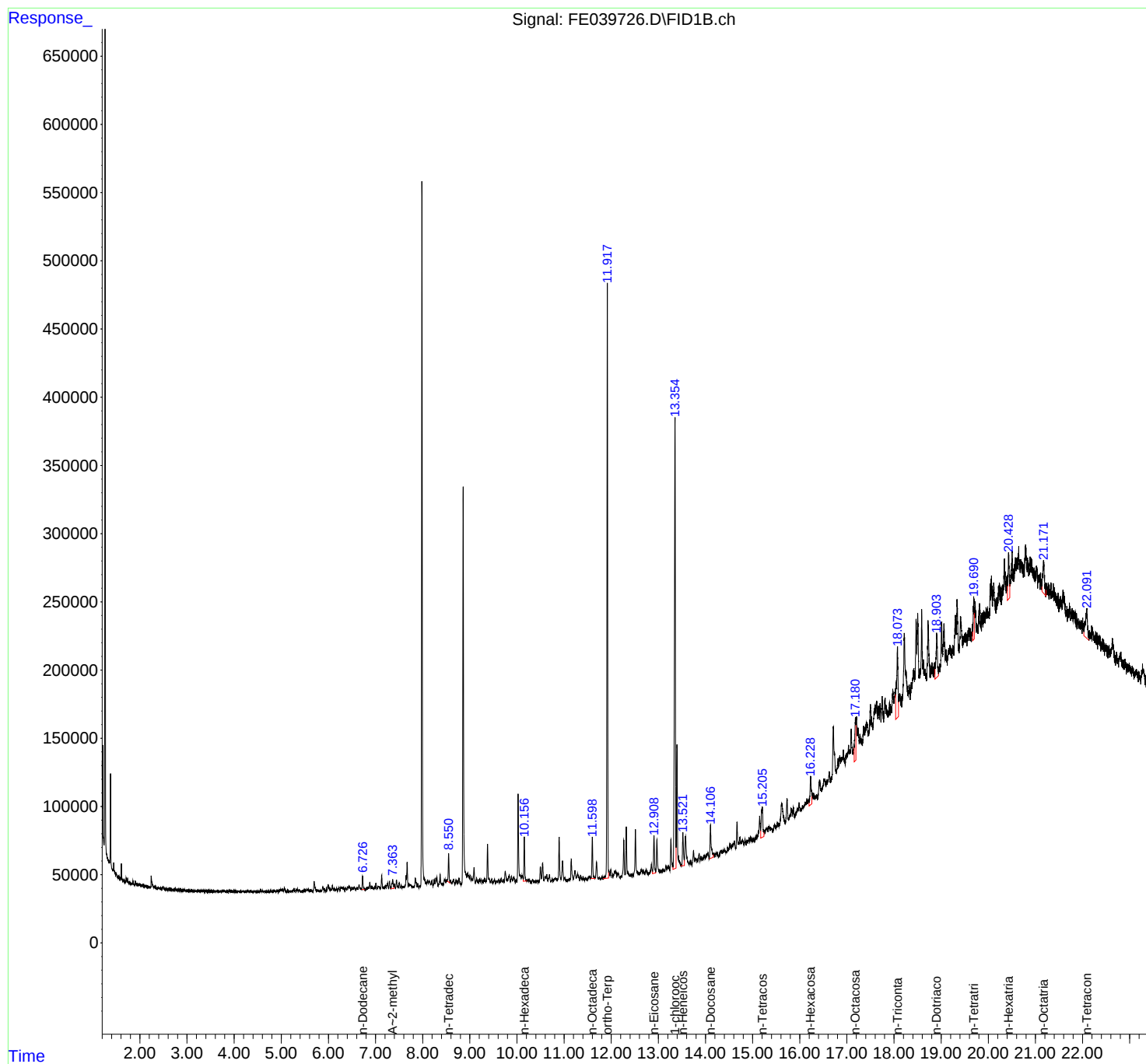
(m)=manual int.

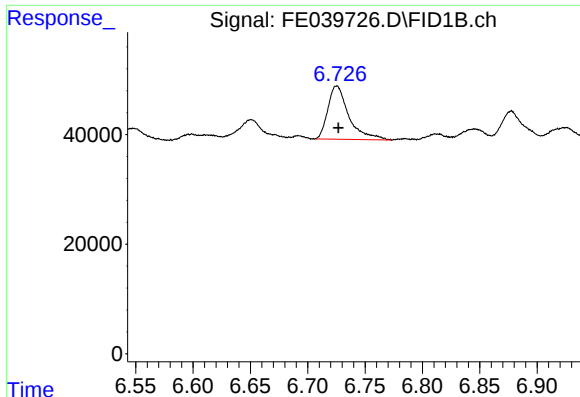
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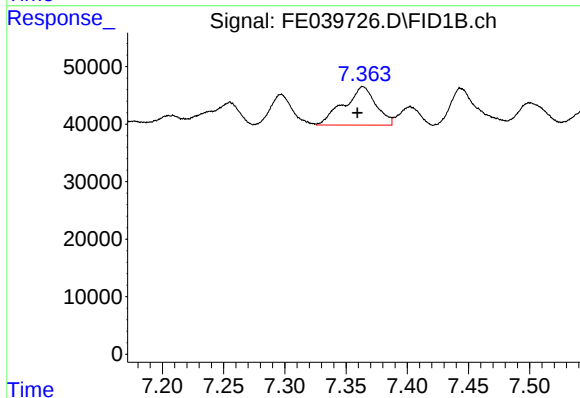




#4 n-Dodecane (C12)

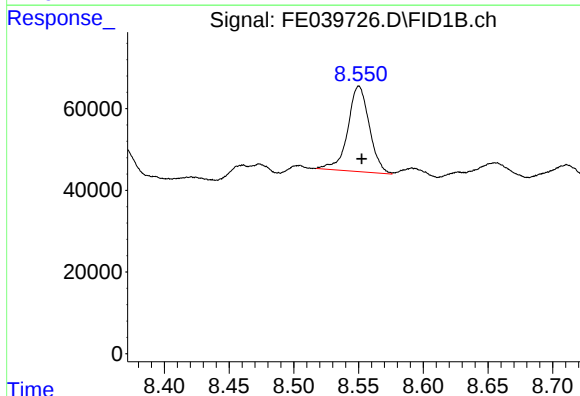
R.T.: 6.725 min
Delta R.T.: -0.002 min
Response: 123968
Conc: 0.99 ug/ml

Instrument :
FID_E
ClientSampleId :



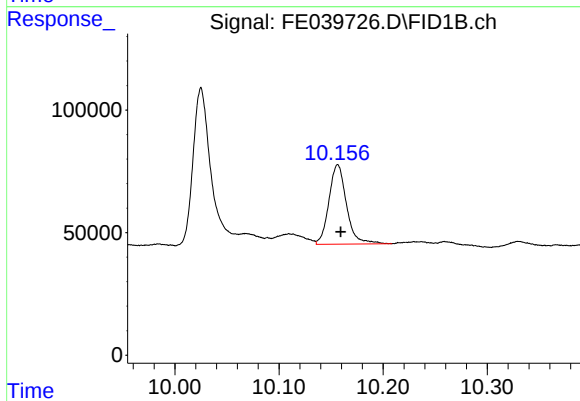
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.364 min
Delta R.T.: 0.005 min
Response: 121830
Conc: 0.93 ug/ml



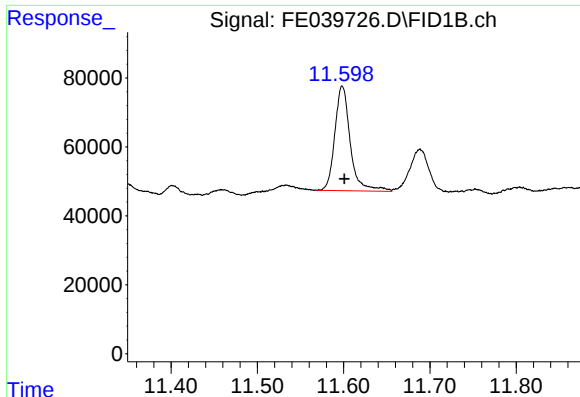
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.002 min
Response: 241730
Conc: 1.88 ug/ml



#7 n-Hexadecane (C16)

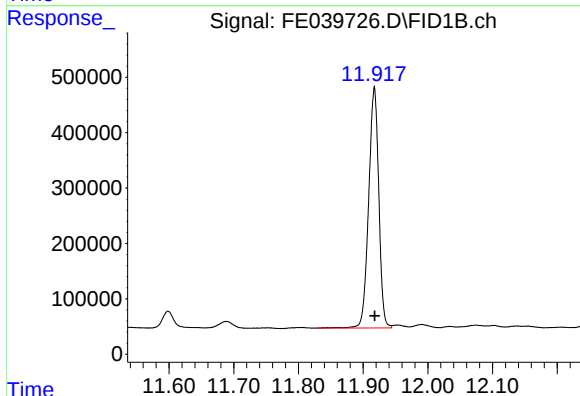
R.T.: 10.156 min
Delta R.T.: -0.003 min
Response: 380085
Conc: 2.82 ug/ml



#8 n-Octadecane (C18)

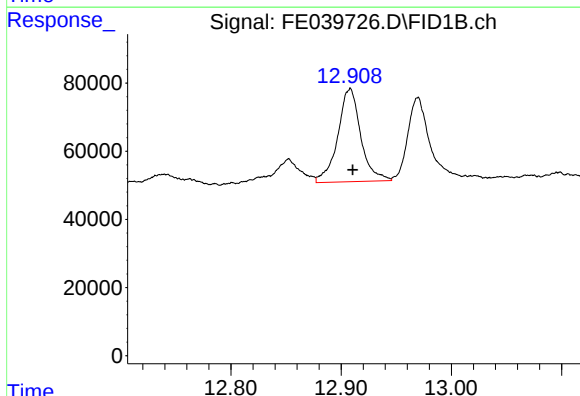
R.T.: 11.599 min
Delta R.T.: -0.002 min
Response: 378156
Conc: 2.70 ug/ml

Instrument :
FID_E
ClientSampleId :



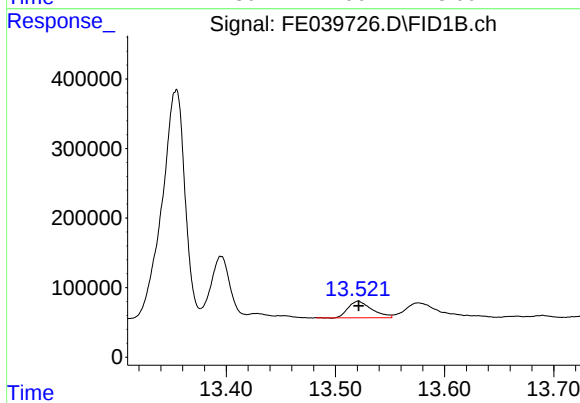
#9 ortho-Terphenyl (SURR)

R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 4718000
Conc: 30.72 ug/ml



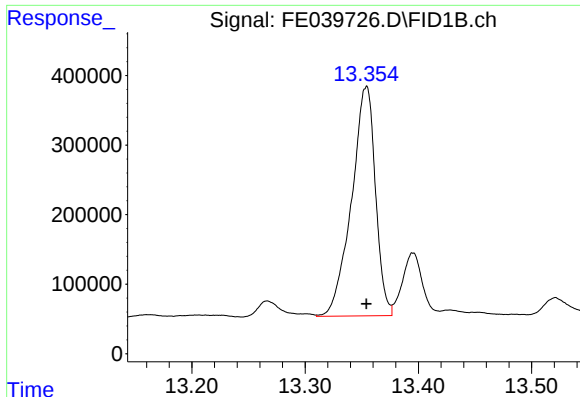
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: -0.002 min
Response: 396536
Conc: 2.86 ug/ml



#11 n-Heneicosane (C21)

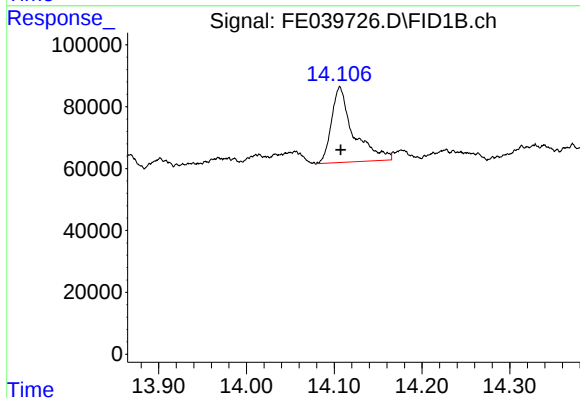
R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 362269
Conc: 2.60 ug/ml



#12 1-chlorooctadecane (SURR)

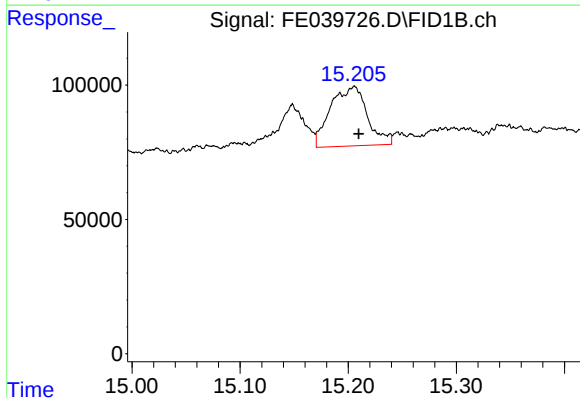
R.T.: 13.354 min
Delta R.T.: 0.000 min
Response: 4837798
Conc: 41.46 ug/ml

Instrument :
FID_E
ClientSampleId :



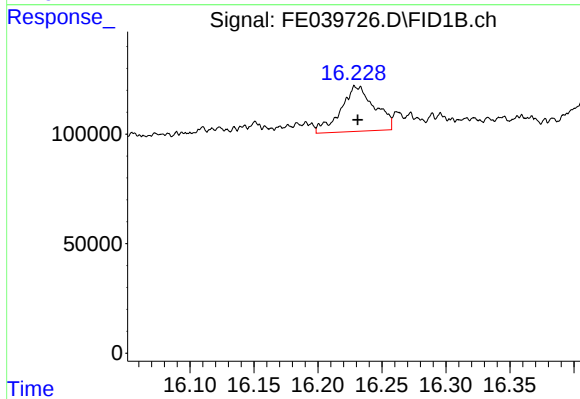
#13 n-Docosane (C22)

R.T.: 14.106 min
Delta R.T.: -0.001 min
Response: 423384
Conc: 3.05 ug/ml



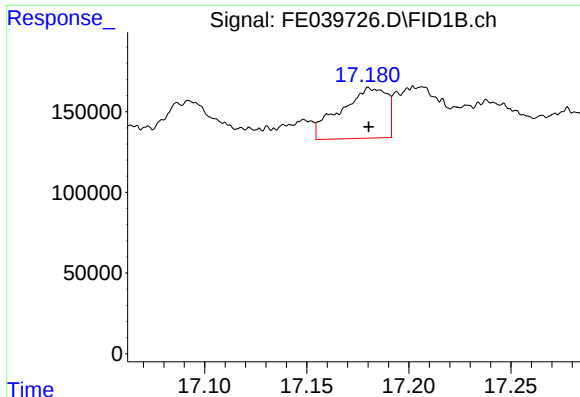
#14 n-Tetracosane (C24)

R.T.: 15.206 min
Delta R.T.: -0.004 min
Response: 523612
Conc: 3.80 ug/ml



#15 n-Hexacosane (C26)

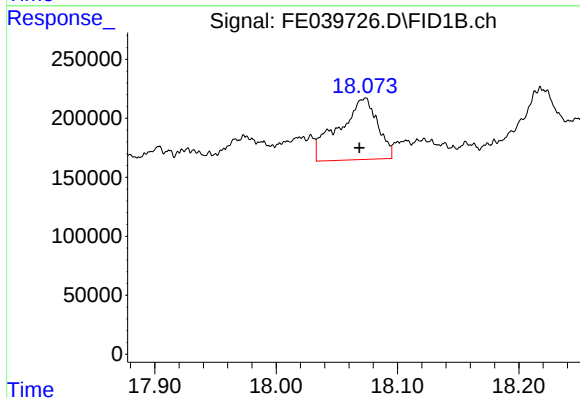
R.T.: 16.229 min
Delta R.T.: -0.002 min
Response: 379048
Conc: 2.84 ug/ml



#16 n-Octacosane (C28)

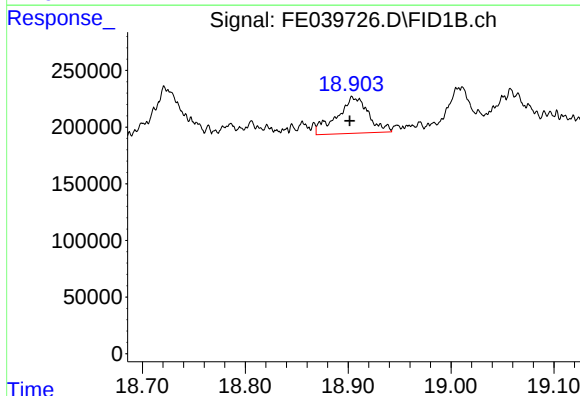
R.T.: 17.181 min
Delta R.T.: 0.000 min
Response: 489171
Conc: 3.76 ug/ml

Instrument :
FID_E
ClientSampleId :



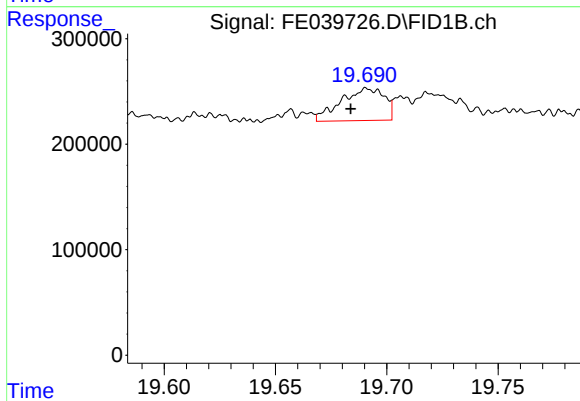
#17 n-Tricontane (C30)

R.T.: 18.073 min
Delta R.T.: 0.005 min
Response: 1155428
Conc: 9.06 ug/ml



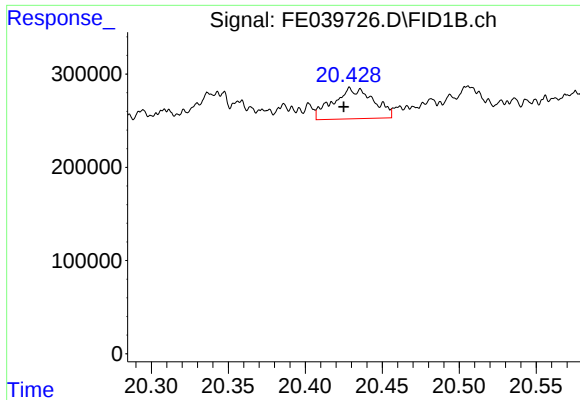
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: 0.003 min
Response: 679673
Conc: 5.38 ug/ml



#19 n-Tetratriacontane (C34)

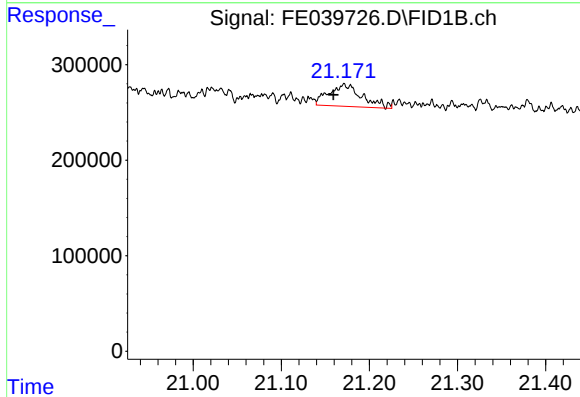
R.T.: 19.691 min
Delta R.T.: 0.007 min
Response: 414312
Conc: 3.35 ug/ml



#20 n-Hexatriacontane (C36)

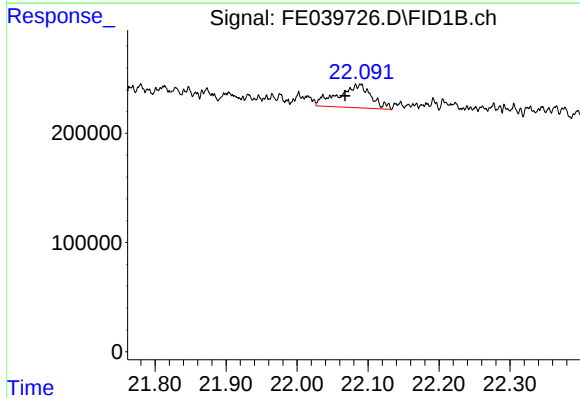
R.T.: 20.429 min
Delta R.T.: 0.004 min
Response: 599967
Conc: 5.09 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: 0.012 min
Response: 596796
Conc: 4.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: 0.020 min
Response: 682068
Conc: 5.62 ug/ml