

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011123AL\
 Data File : FE039734.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2023 22:02
 Operator : YP\AJ
 Sample : 01089-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 11 04:17:18 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)	11.921	4915002	32.006 ug/ml
Spiked Amount 50.000		Recovery =	64.01%
12) S 1-chlorooctadecane (S...	13.402	156562448	1341.608 ug/ml
Spiked Amount 50.000		Recovery =	2683.22%
Target Compounds			
4) T n-Dodecane (C12)	6.728	53643	0.427 ug/ml
5) T A~2-methylnaphthalene...	7.369	75680	0.578 ug/ml
6) T n-Tetradecane (C14)	8.553	169126	1.315 ug/ml
7) T n-Hexadecane (C16)	10.159	213193	1.580 ug/ml
8) T n-Octadecane (C18)	11.602	205883	1.469 ug/ml
10) T n-Eicosane (C20)	12.911	206274	1.489 ug/ml
11) T n-Heneicosane (C21)	13.509	196291	1.407 ug/ml
13) T n-Docosane (C22)	14.116	264980	1.909 ug/ml
14) T n-Tetracosane (C24)	15.202	1001473	7.274 ug/ml
15) T n-Hexacosane (C26)	16.235	181595	1.361 ug/ml
16) T n-Octacosane (C28)	17.184	217637	1.672 ug/ml
17) T n-Tricontane (C30)	18.071	435695	3.416 ug/ml
18) T n-Dotriacontane (C32)	18.904	543219	4.297 ug/ml
19) T n-Tetratriacontane (C34)	19.690	266985	2.161 ug/ml
20) T n-Hexatriacontane (C36)	20.436	486575	4.127 ug/ml
21) T n-Octatriacontane (C38)	21.167	426842	3.571 ug/ml
22) T n-Tetracontane (C40)	22.081	511969	4.218 ug/ml

(f)=RT Delta > 1/2 Window

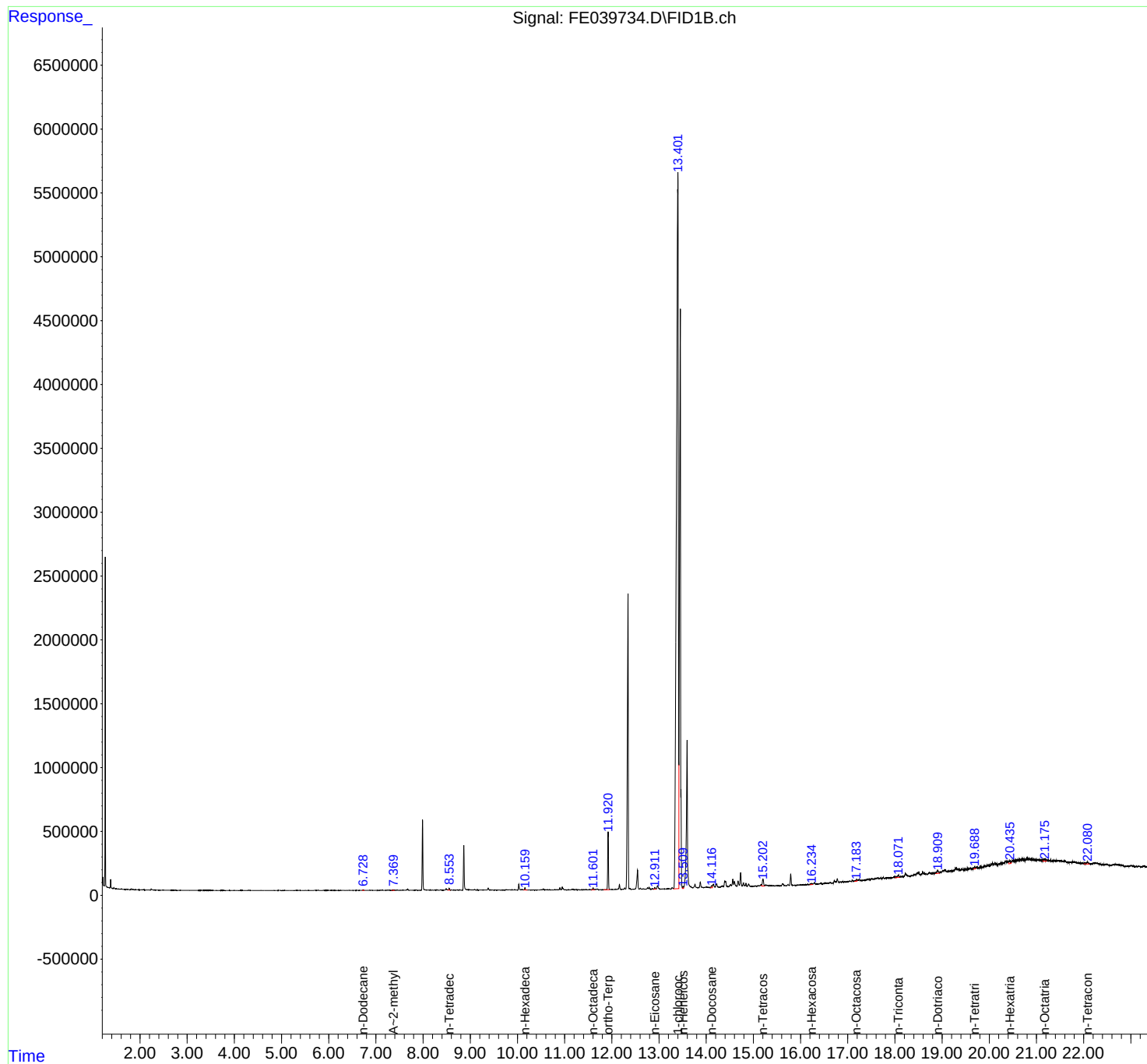
(m)=manual int.

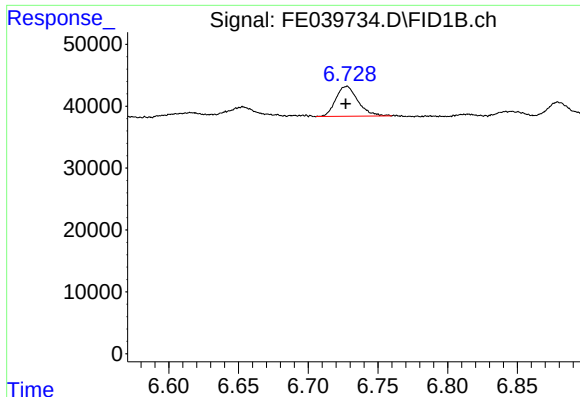
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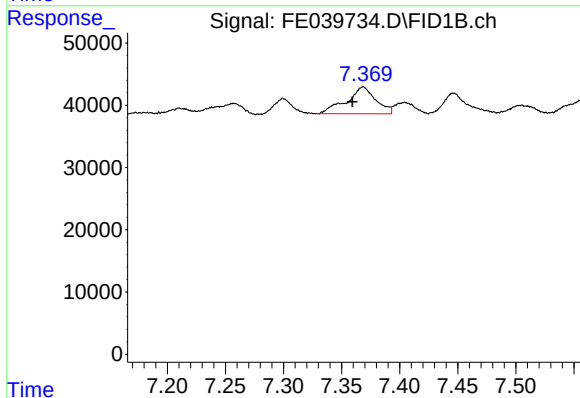




#4 n-Dodecane (C12)

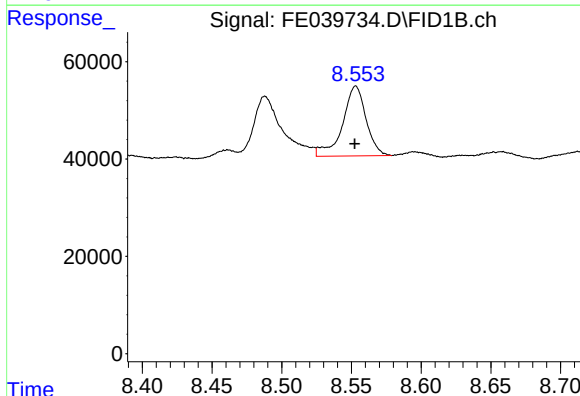
R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 53643
Conc: 0.43 ug/ml

Instrument :
FID_E
ClientSampleId :



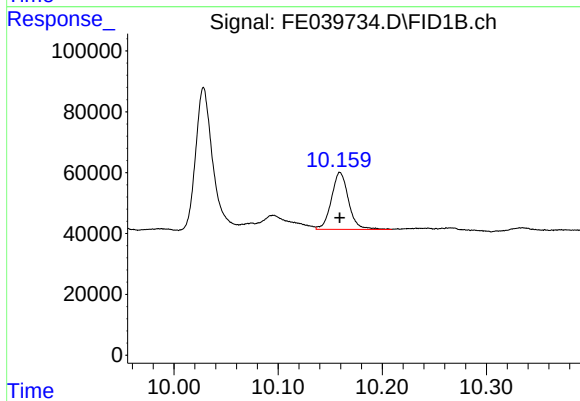
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.369 min
Delta R.T.: 0.009 min
Response: 75680
Conc: 0.58 ug/ml



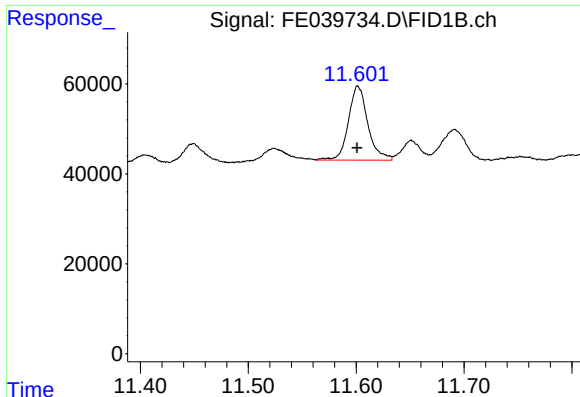
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: 0.000 min
Response: 169126
Conc: 1.31 ug/ml



#7 n-Hexadecane (C16)

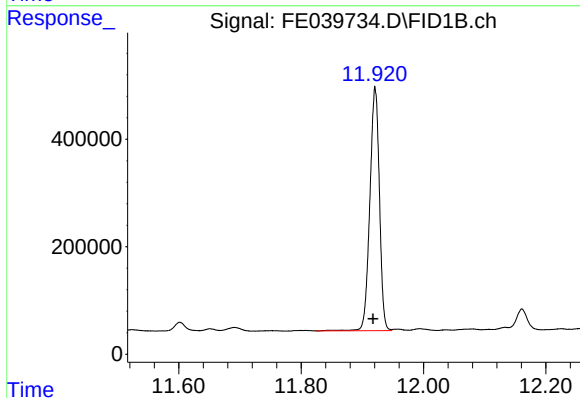
R.T.: 10.159 min
Delta R.T.: 0.000 min
Response: 213193
Conc: 1.58 ug/ml



#8 n-Octadecane (C18)

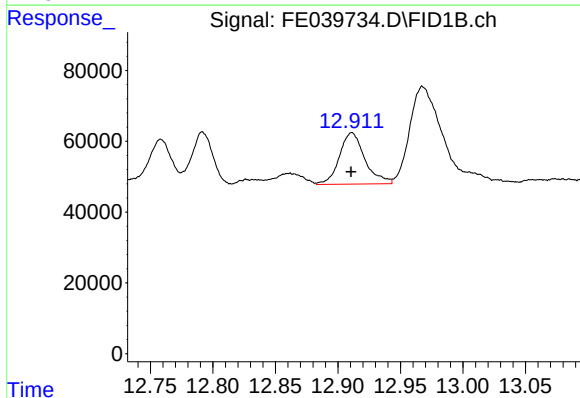
R.T.: 11.602 min
Delta R.T.: 0.000 min
Response: 205883
Conc: 1.47 ug/ml

Instrument :
FID_E
ClientSampleId :



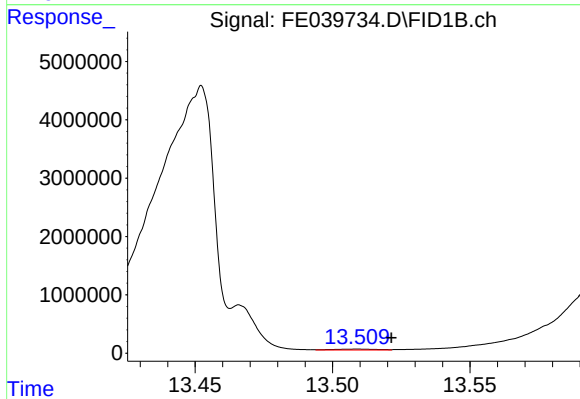
#9 ortho-Terphenyl (SURR)

R.T.: 11.921 min
Delta R.T.: 0.003 min
Response: 4915002
Conc: 32.01 ug/ml



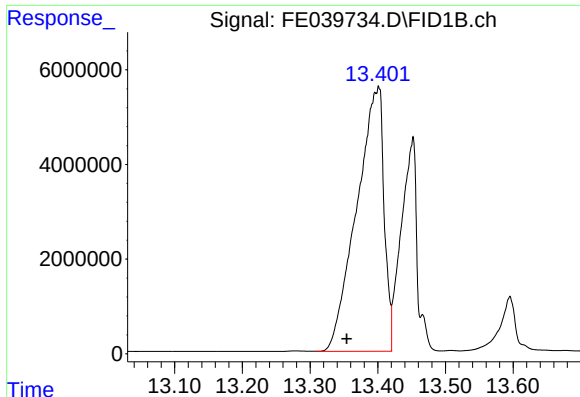
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: 0.000 min
Response: 206274
Conc: 1.49 ug/ml



#11 n-Heneicosane (C21)

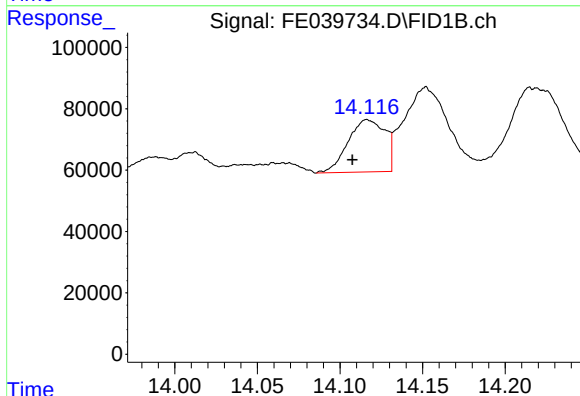
R.T.: 13.509 min
Delta R.T.: -0.012 min
Response: 196291
Conc: 1.41 ug/ml



#12 1-chlorooctadecane (SURR)

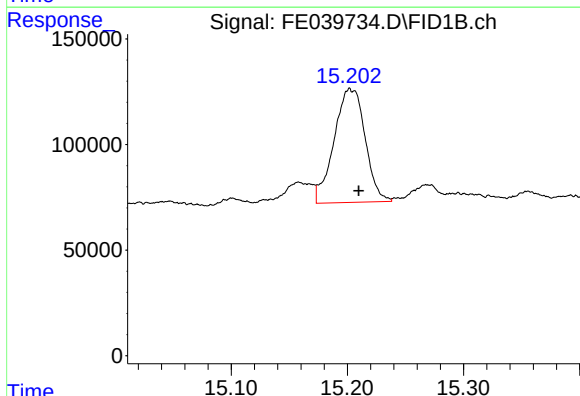
R.T.: 13.402 min
Delta R.T.: 0.047 min
Response: 156562448
Conc: 1341.61 ug/ml

Instrument :
FID_E
ClientSampleId :



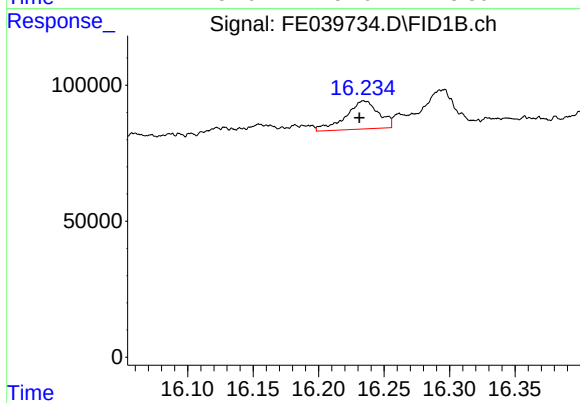
#13 n-Docosane (C22)

R.T.: 14.116 min
Delta R.T.: 0.009 min
Response: 264980
Conc: 1.91 ug/ml



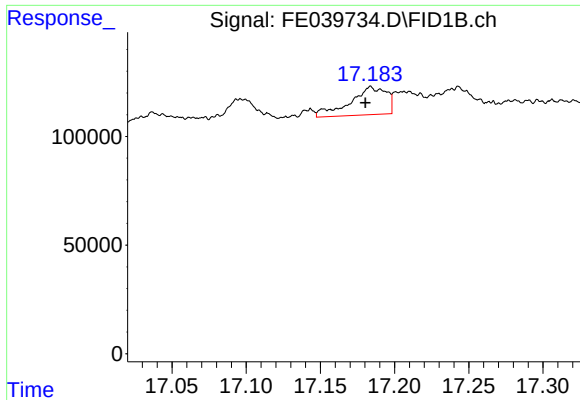
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: -0.008 min
Response: 1001473
Conc: 7.27 ug/ml



#15 n-Hexacosane (C26)

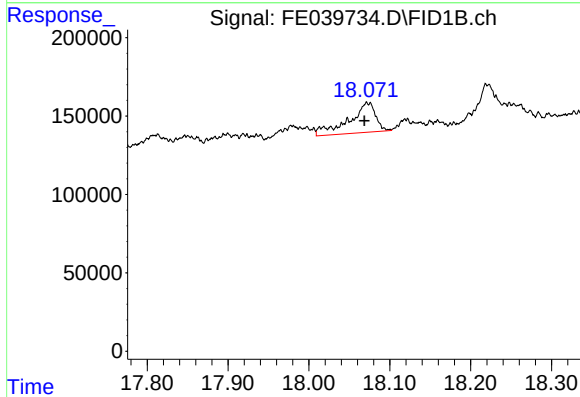
R.T.: 16.235 min
Delta R.T.: 0.003 min
Response: 181595
Conc: 1.36 ug/ml



#16 n-Octacosane (C28)

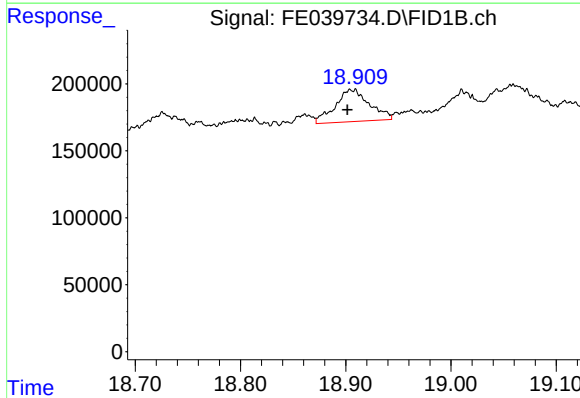
R.T.: 17.184 min
Delta R.T.: 0.003 min
Response: 217637
Conc: 1.67 ug/ml

Instrument :
FID_E
ClientSampleId :



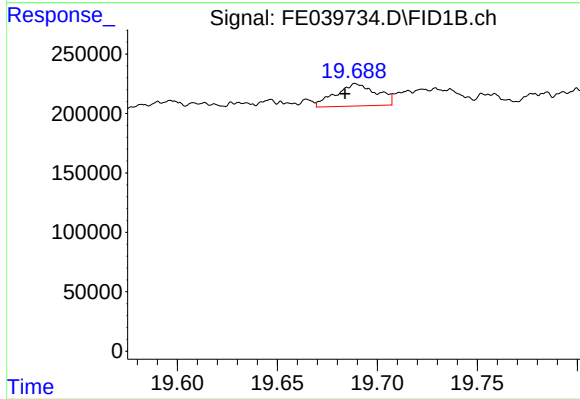
#17 n-Tricontane (C30)

R.T.: 18.071 min
Delta R.T.: 0.003 min
Response: 435695
Conc: 3.42 ug/ml



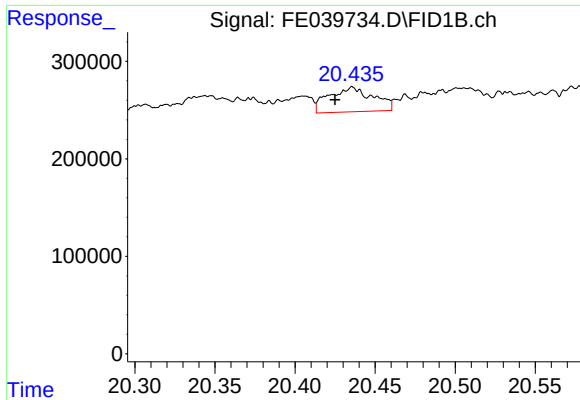
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: 0.003 min
Response: 543219
Conc: 4.30 ug/ml



#19 n-Tetratriacontane (C34)

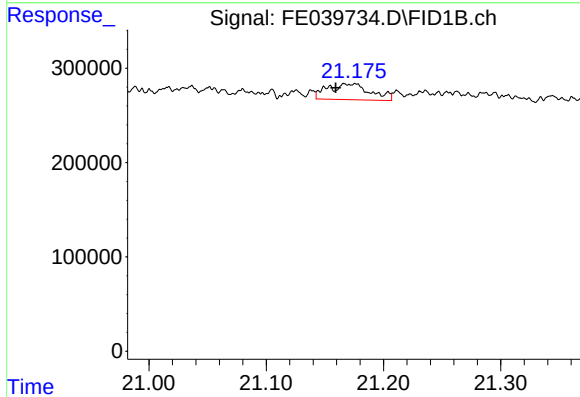
R.T.: 19.690 min
Delta R.T.: 0.006 min
Response: 266985
Conc: 2.16 ug/ml



#20 n-Hexatriacontane (C36)

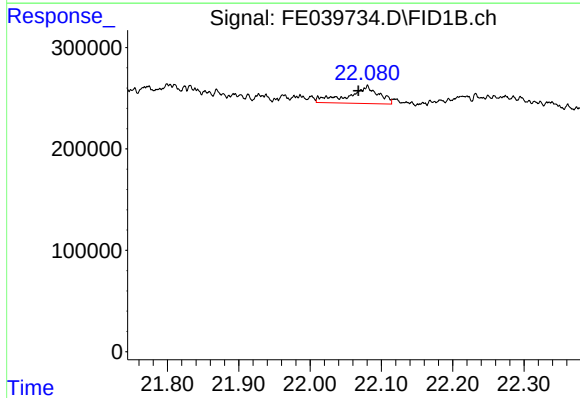
R.T.: 20.436 min
Delta R.T.: 0.011 min
Response: 486575
Conc: 4.13 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.167 min
Delta R.T.: 0.008 min
Response: 426842
Conc: 3.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.081 min
Delta R.T.: 0.012 min
Response: 511969
Conc: 4.22 ug/ml