

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051624AL\
 Data File : FE048215.D
 Signal(s) : FID1B.ch
 Acq On : 16 May 2024 17:27
 Operator : YP\AJ
 Sample : P2496-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 17 01:30:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.946	38533442	267.102 ug/ml
Spiked Amount 50.000		Recovery =	534.20%
12) S 1-chlorooctadecane (S...	13.395	30686524	274.622 ug/ml
Spiked Amount 50.000		Recovery =	549.24%
Target Compounds			
5) T A~2-methylnaphthalene...	7.397	175192	1.316 ug/ml
6) T n-Tetradecane (C14)	8.605	5056386	38.155 ug/ml
7) T n-Hexadecane (C16)	10.209	6993585	50.850 ug/ml
8) T n-Octadecane (C18)	11.660	73163163	525.232 ug/ml
10) T n-Eicosane (C20)	12.952	36530551	271.313 ug/ml
11) T n-Heneicosane (C21)	13.571	26111301	197.253 ug/ml
13) T n-Docosane (C22)	14.151	10845723	81.842 ug/ml
14) T n-Tetracosane (C24)	15.240	16389675	123.089 ug/ml
15) T n-Hexacosane (C26)	16.295	3484025	26.109 ug/ml
16) T n-Octacosane (C28)	17.217	5376762	40.382 ug/ml
17) T n-Tricontane (C30)	18.109	3291035	23.846 ug/ml
18) T n-Dotriacontane (C32)	18.935	3611097	26.144 ug/ml
19) T n-Tetratriacontane (C34)	19.716	1370281	10.059 ug/ml
20) T n-Hexatriacontane (C36)	20.481	754276	5.571 ug/ml
21) T n-Octatriacontane (C38)	21.177	554654	4.017 ug/ml
22) T n-Tetracontane (C40)	22.107	487317	3.498 ug/ml

(f)=RT Delta > 1/2 Window

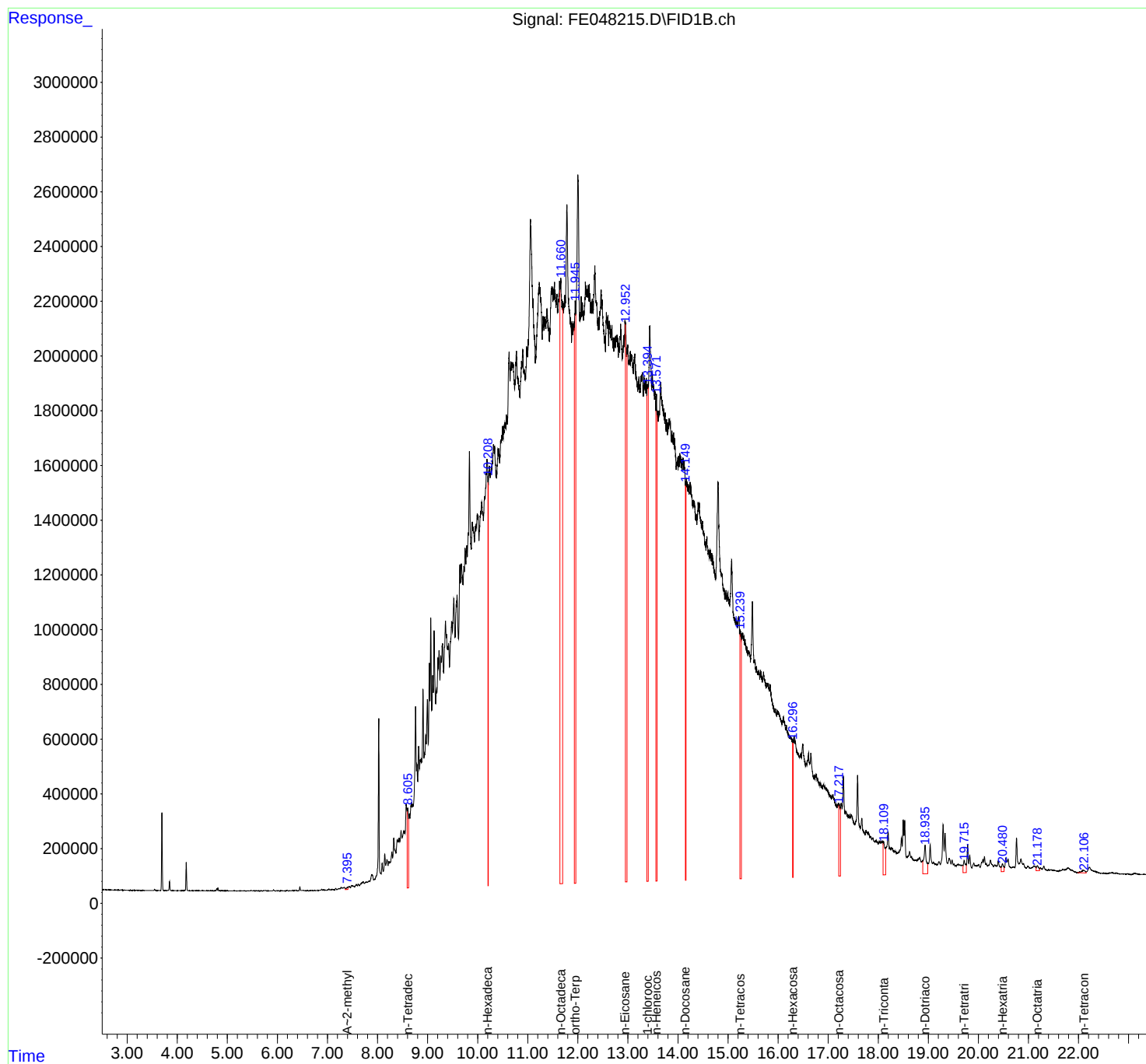
(m)=manual int.

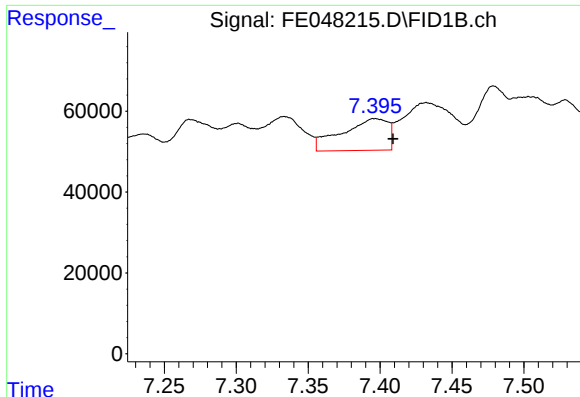
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051624AL\
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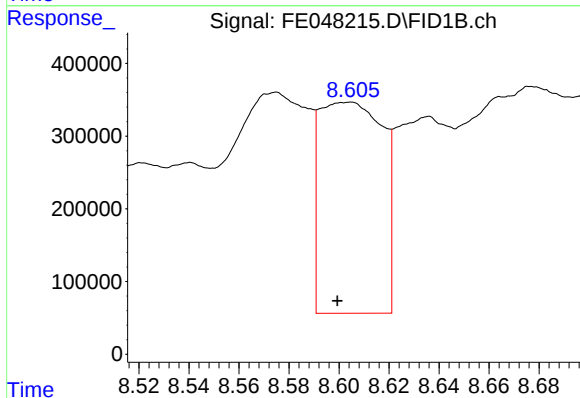




#5 A~2-methylnaphthalene (C12.89)

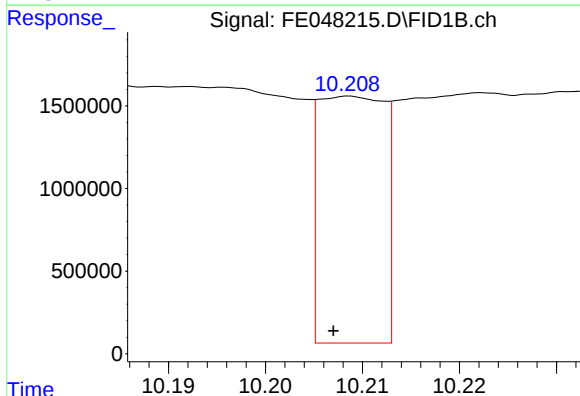
R.T.: 7.397 min
Delta R.T.: -0.012 min
Response: 175192
Conc: 1.32 ug/ml

Instrument :
FID_E
ClientSampleId :



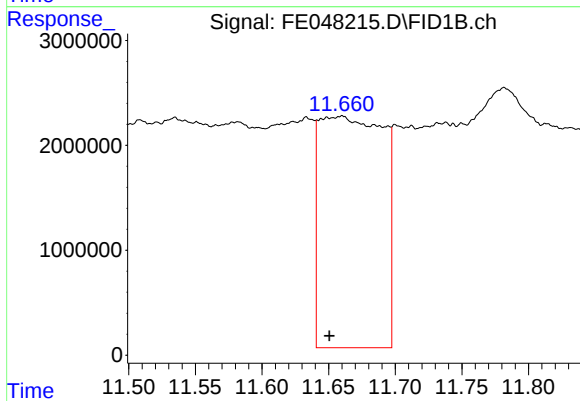
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: 0.005 min
Response: 5056386
Conc: 38.16 ug/ml



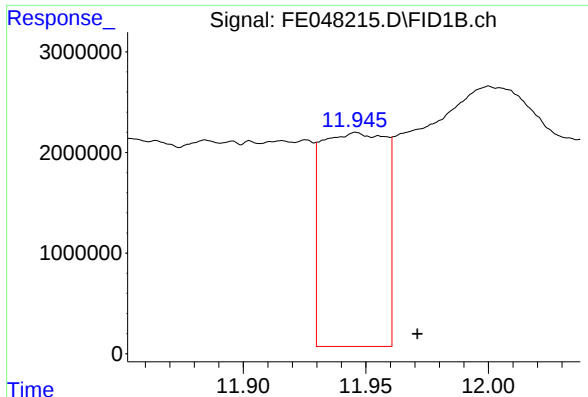
#7 n-Hexadecane (C16)

R.T.: 10.209 min
Delta R.T.: 0.002 min
Response: 6993585
Conc: 50.85 ug/ml



#8 n-Octadecane (C18)

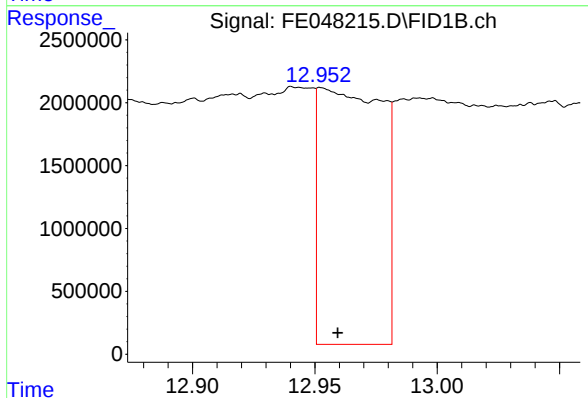
R.T.: 11.660 min
Delta R.T.: 0.010 min
Response: 73163163
Conc: 525.23 ug/ml



#9 ortho-Terphenyl (SURR)

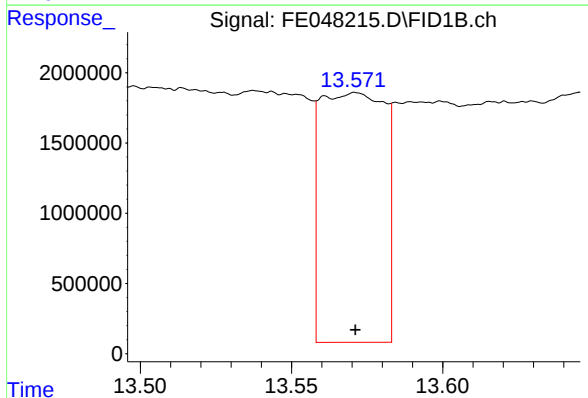
R.T.: 11.946 min
Delta R.T.: -0.025 min
Response: 38533442
Conc: 267.10 ug/ml

Instrument :
FID_E
ClientSampleId :



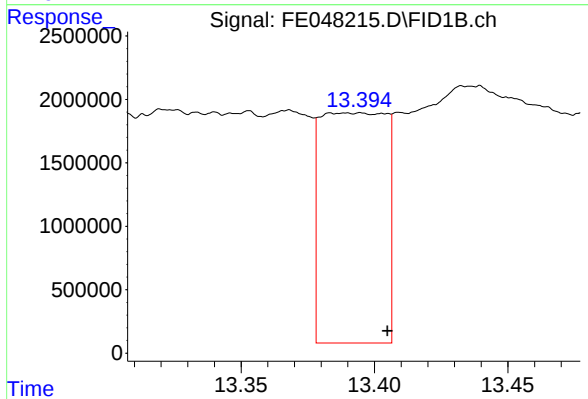
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: -0.008 min
Response: 36530551
Conc: 271.31 ug/ml



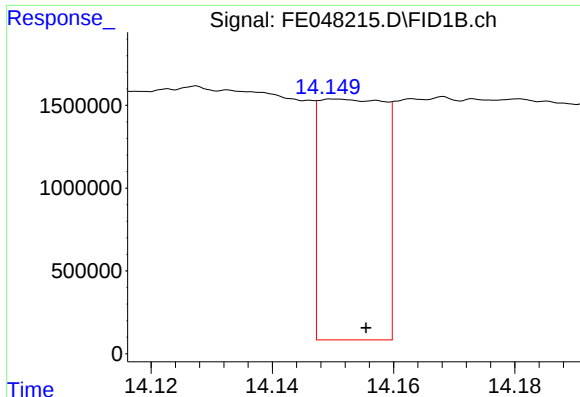
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: 0.000 min
Response: 26111301
Conc: 197.25 ug/ml



#12 1-chlorooctadecane (SURR)

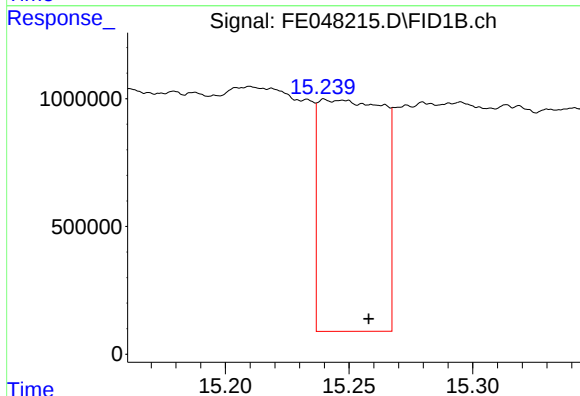
R.T.: 13.395 min
Delta R.T.: -0.010 min
Response: 30686524
Conc: 274.62 ug/ml



#13 n-Docosane (C22)

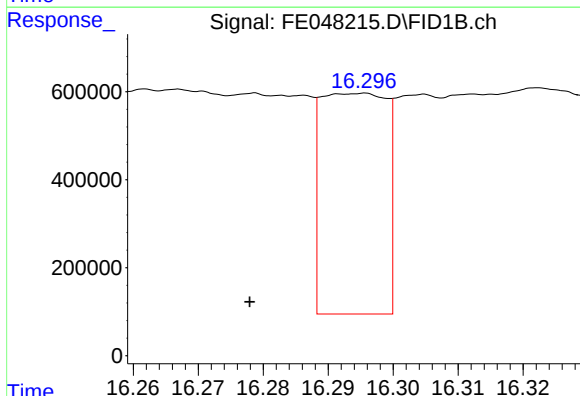
R.T.: 14.151 min
Delta R.T.: -0.005 min
Response: 10845723
Conc: 81.84 ug/ml

Instrument :
FID_E
ClientSampleId :



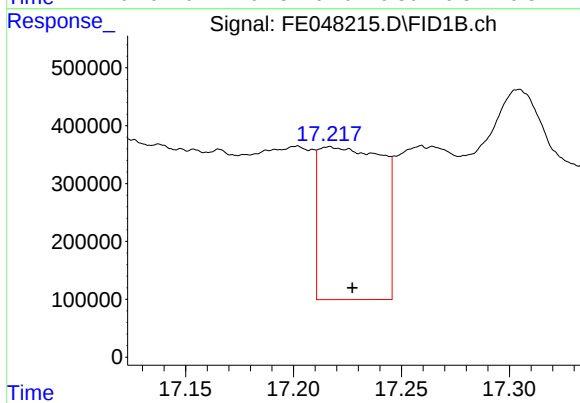
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: -0.018 min
Response: 16389675
Conc: 123.09 ug/ml



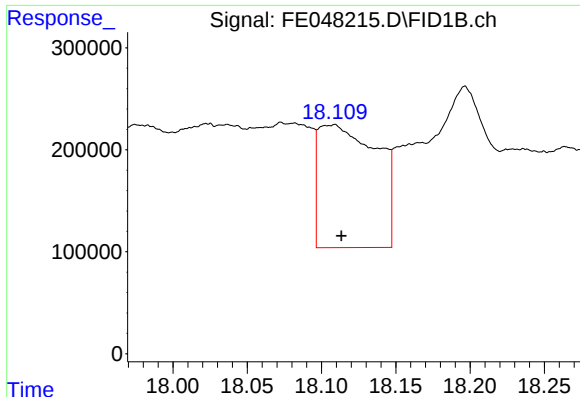
#15 n-Hexacosane (C26)

R.T.: 16.295 min
Delta R.T.: 0.017 min
Response: 3484025
Conc: 26.11 ug/ml



#16 n-Octacosane (C28)

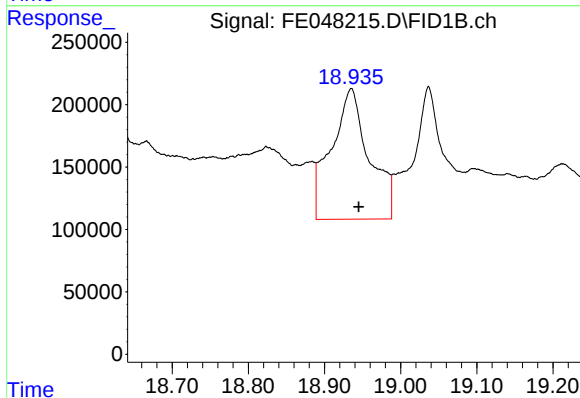
R.T.: 17.217 min
Delta R.T.: -0.011 min
Response: 5376762
Conc: 40.38 ug/ml



#17 n-Tricontane (C30)

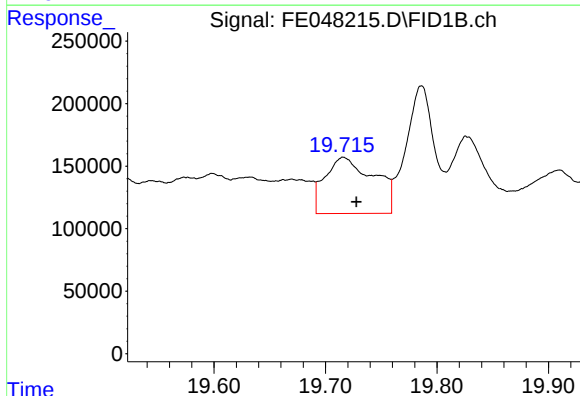
R.T.: 18.109 min
Delta R.T.: -0.005 min
Response: 3291035
Conc: 23.85 ug/ml

Instrument :
FID_E
ClientSampleId :



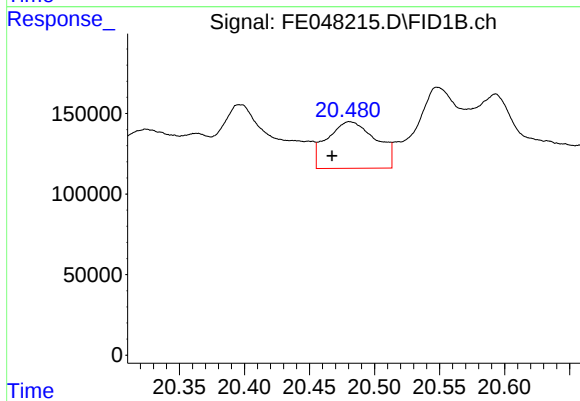
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: -0.010 min
Response: 3611097
Conc: 26.14 ug/ml



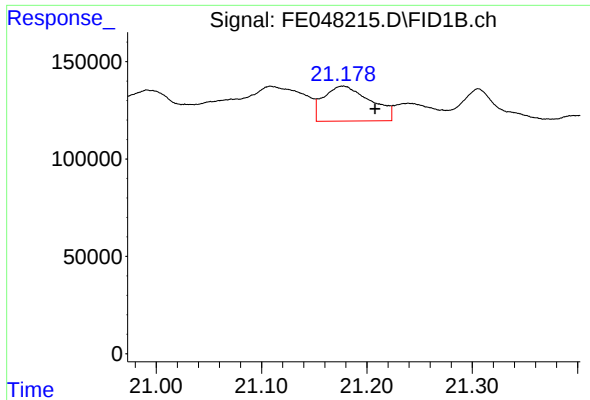
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: -0.012 min
Response: 1370281
Conc: 10.06 ug/ml



#20 n-Hexatriacontane (C36)

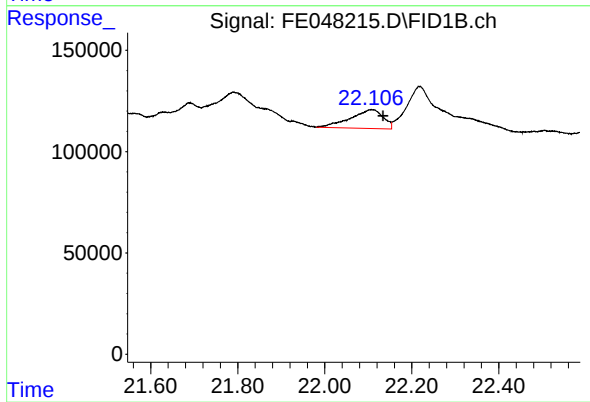
R.T.: 20.481 min
Delta R.T.: 0.014 min
Response: 754276
Conc: 5.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: -0.030 min
Response: 554654
Conc: 4.02 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: -0.027 min
Response: 487317
Conc: 3.50 ug/ml