

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110123AL\
 Data File : FE045125.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2023 08:47
 Operator : YP\AJ
 Sample : 05162-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 01 09:06:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.933	50126	0.250 ug/ml
Spiked Amount 50.000		Recovery =	0.50%
12) S 1-chlorooctadecane (S...	13.339	2027624	13.701 ug/ml
Spiked Amount 50.000		Recovery =	27.40%
Target Compounds			
4) T n-Dodecane (C12)	6.696	104060	0.603 ug/ml
5) T A~2-methylnaphthalene...	7.333	83430	0.462 ug/ml
6) T n-Tetradecane (C14)	8.523	269642	1.572 ug/ml
7) T n-Hexadecane (C16)	10.134	325067	1.859 ug/ml
8) T n-Octadecane (C18)	11.581	259264	1.486 ug/ml
10) T n-Eicosane (C20)	12.893	230408	1.379 ug/ml
11) T n-Heneicosane (C21)	13.512	287376	1.763 ug/ml
13) T n-Docosane (C22)	14.095	186384	1.165 ug/ml
14) T n-Tetracosane (C24)	15.200	100177	0.645 ug/ml
15) T n-Hexacosane (C26)	16.227	114960	0.766 ug/ml
16) T n-Octacosane (C28)	17.182	231516	1.577 ug/ml
17) T n-Tricontane (C30)	18.070	318595	2.142 ug/ml
18) T n-Dotriacontane (C32)	18.905	247564	1.649 ug/ml
19) T n-Tetratriacontane (C34)	19.699	271928	1.827 ug/ml
20) T n-Hexatriacontane (C36)	20.443	621258	4.041 ug/ml
21) T n-Octatriacontane (C38)	21.178	75605	0.484 ug/ml
22) T n-Tetracontane (C40)	22.103	274140	1.640 ug/ml

(f)=RT Delta > 1/2 Window

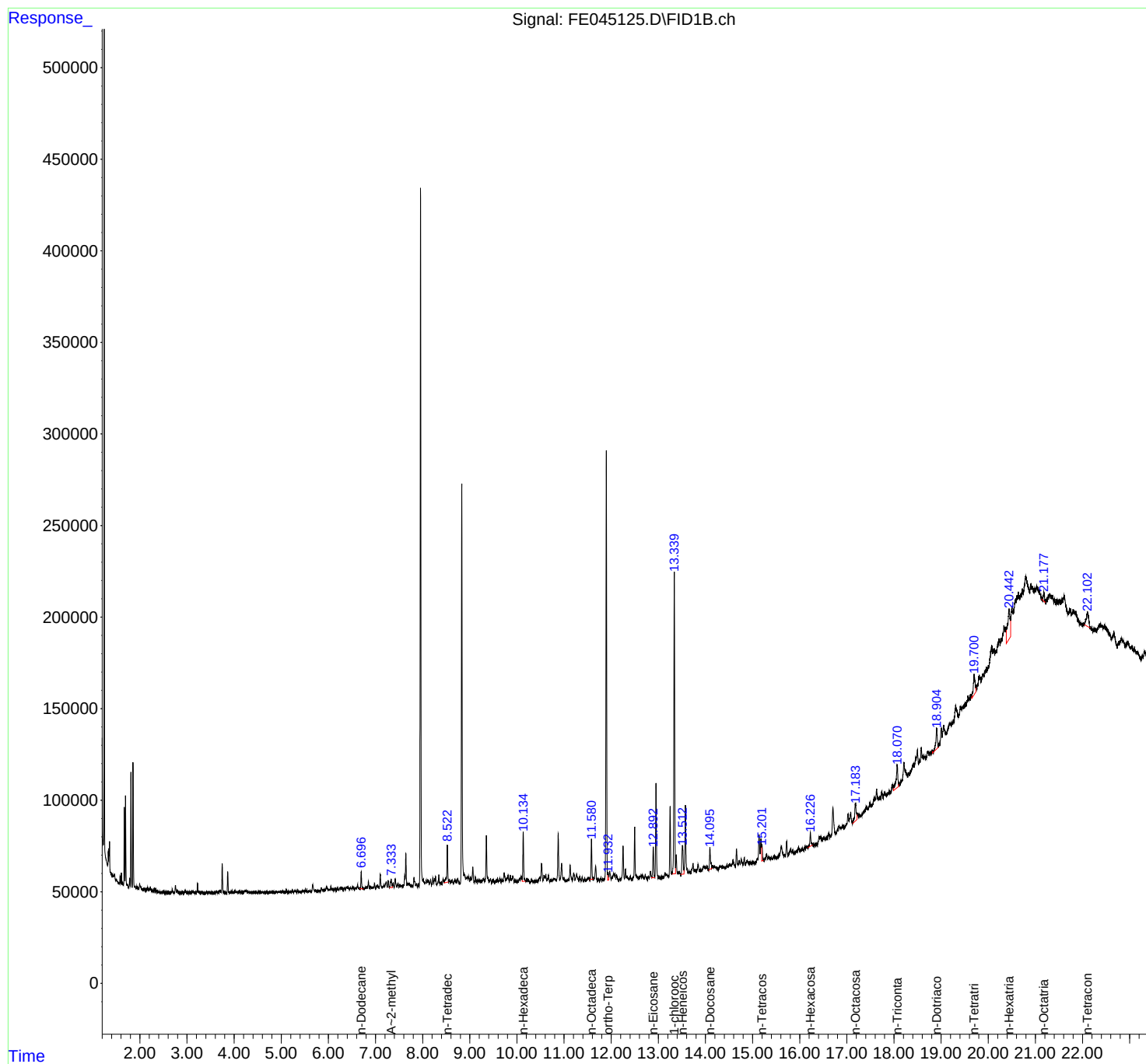
(m)=manual int.

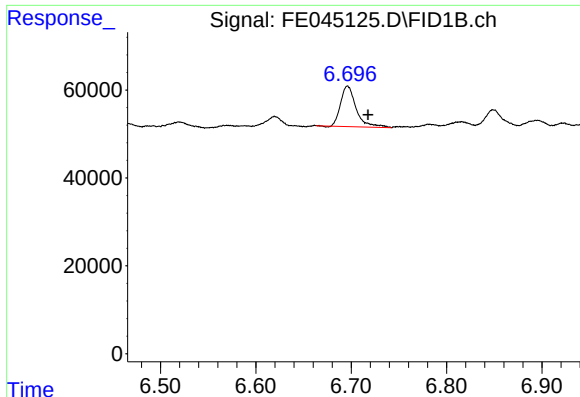
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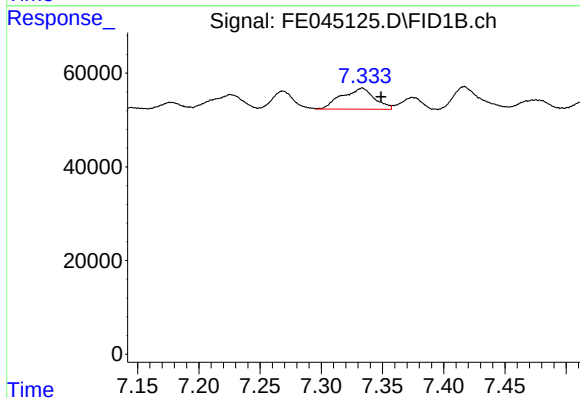




#4 n-Dodecane (C12)

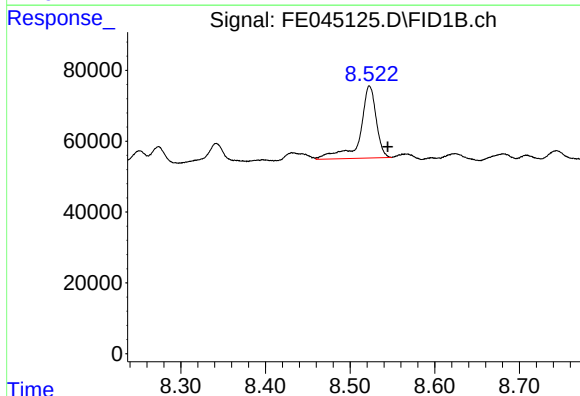
R.T.: 6.696 min
Delta R.T.: -0.021 min
Response: 104060
Conc: 0.60 ug/ml

Instrument :
FID_E
ClientSampleId :



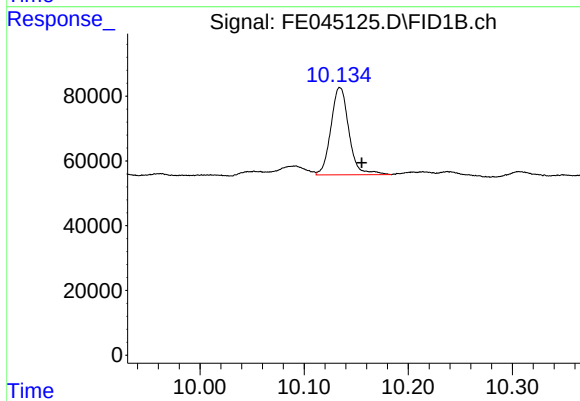
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.333 min
Delta R.T.: -0.016 min
Response: 83430
Conc: 0.46 ug/ml



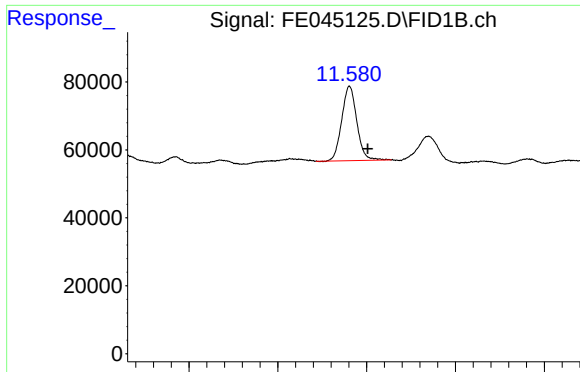
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.021 min
Response: 269642
Conc: 1.57 ug/ml



#7 n-Hexadecane (C16)

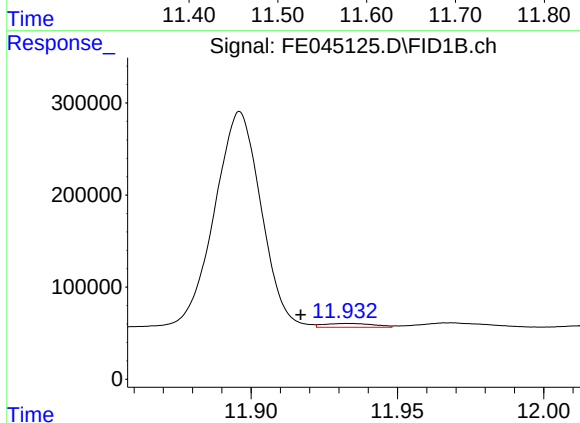
R.T.: 10.134 min
Delta R.T.: -0.021 min
Response: 325067
Conc: 1.86 ug/ml



#8 n-Octadecane (C18)

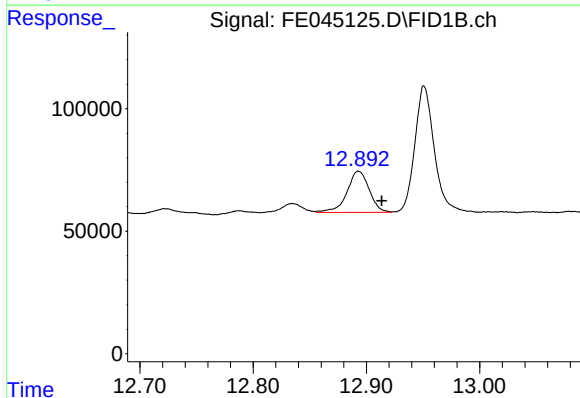
R.T.: 11.581 min
Delta R.T.: -0.020 min
Response: 259264
Conc: 1.49 ug/ml

Instrument :
FID_E
ClientSampleId :



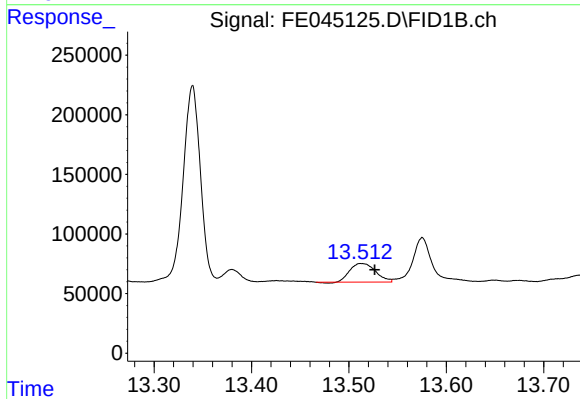
#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: 0.016 min
Response: 50126
Conc: 0.25 ug/ml



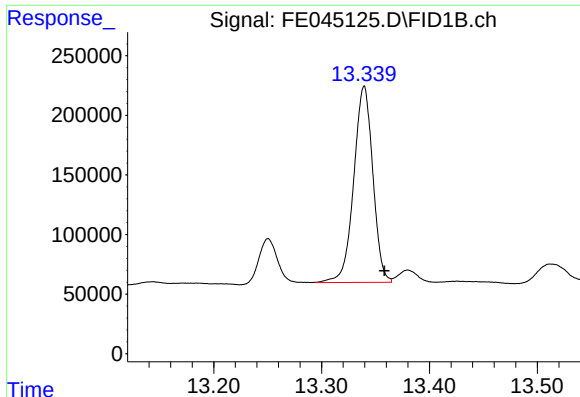
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: -0.020 min
Response: 230408
Conc: 1.38 ug/ml



#11 n-Heneicosane (C21)

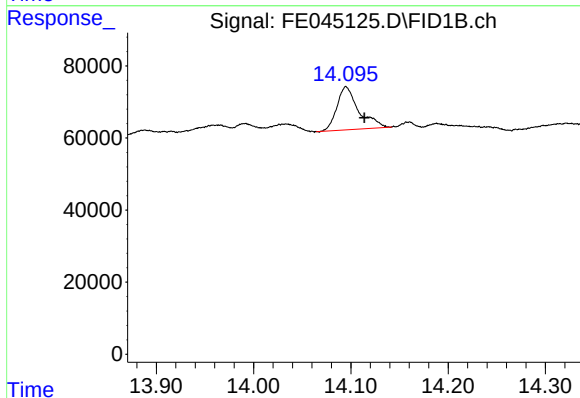
R.T.: 13.512 min
Delta R.T.: -0.014 min
Response: 287376
Conc: 1.76 ug/ml



#12 1-chlorooctadecane (SURR)

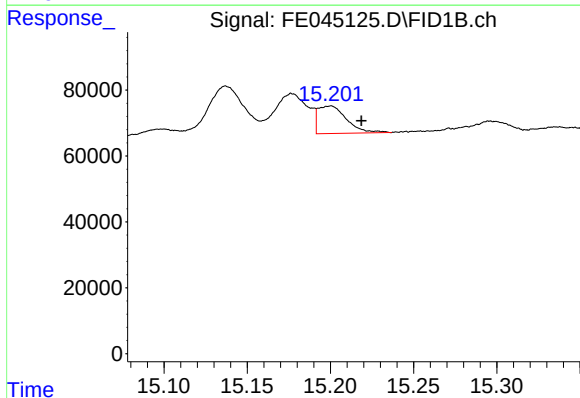
R.T.: 13.339 min
Delta R.T.: -0.019 min
Response: 2027624
Conc: 13.70 ug/ml

Instrument :
FID_E
ClientSampleId :



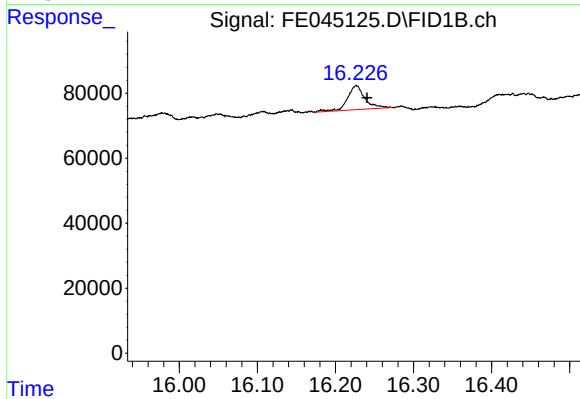
#13 n-Docosane (C22)

R.T.: 14.095 min
Delta R.T.: -0.019 min
Response: 186384
Conc: 1.17 ug/ml



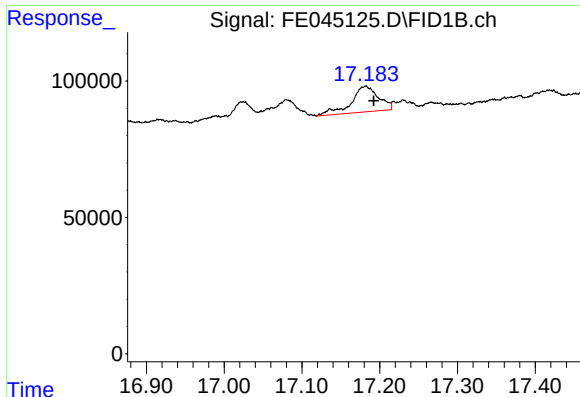
#14 n-Tetracosane (C24)

R.T.: 15.200 min
Delta R.T.: -0.019 min
Response: 100177
Conc: 0.65 ug/ml



#15 n-Hexacosane (C26)

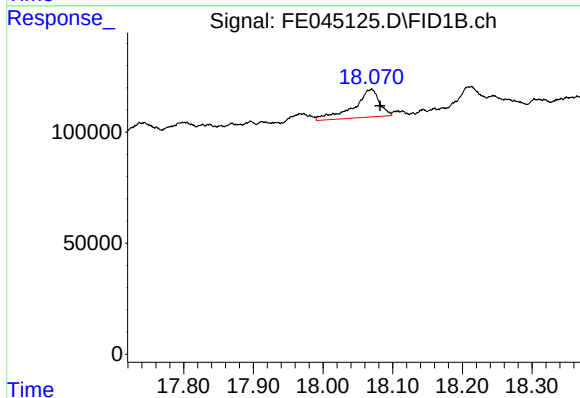
R.T.: 16.227 min
Delta R.T.: -0.014 min
Response: 114960
Conc: 0.77 ug/ml



#16 n-Octacosane (C28)

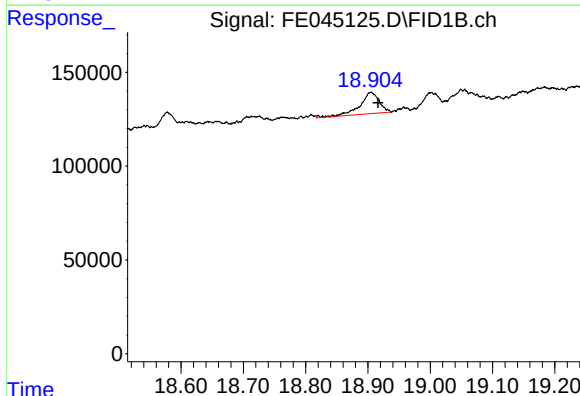
R.T.: 17.182 min
Delta R.T.: -0.011 min
Response: 231516
Conc: 1.58 ug/ml

Instrument :
FID_E
ClientSampleId :



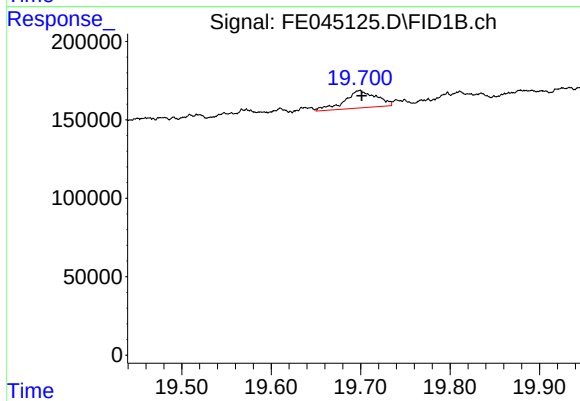
#17 n-Tricontane (C30)

R.T.: 18.070 min
Delta R.T.: -0.012 min
Response: 318595
Conc: 2.14 ug/ml



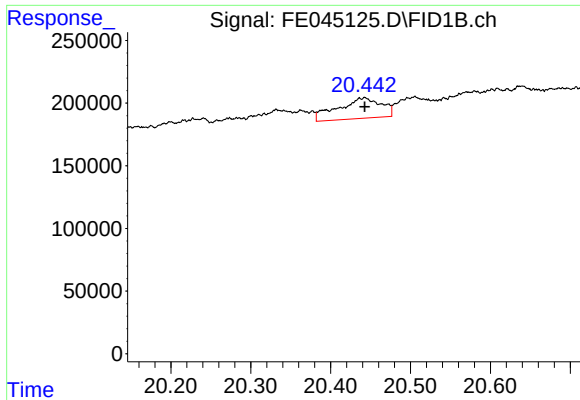
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: -0.011 min
Response: 247564
Conc: 1.65 ug/ml



#19 n-Tetratriacontane (C34)

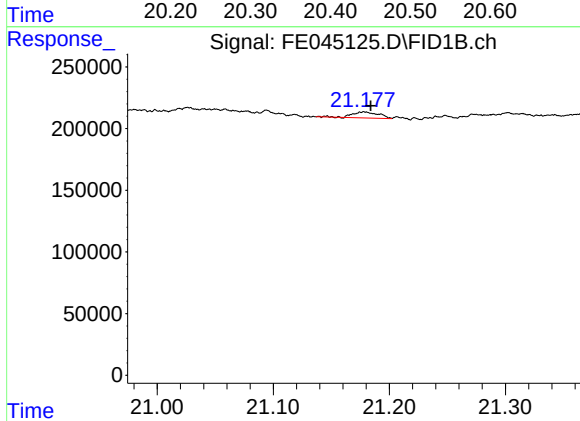
R.T.: 19.699 min
Delta R.T.: -0.003 min
Response: 271928
Conc: 1.83 ug/ml



#20 n-Hexatriacontane (C36)

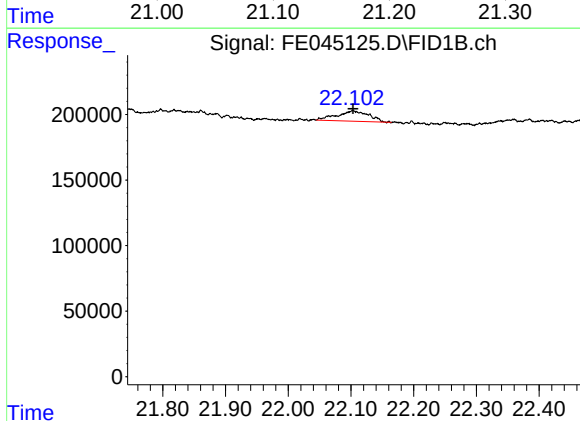
R.T.: 20.443 min
Delta R.T.: 0.000 min
Response: 621258
Conc: 4.04 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: -0.006 min
Response: 75605
Conc: 0.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.103 min
Delta R.T.: 0.000 min
Response: 274140
Conc: 1.64 ug/ml