

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051223AL\
 Data File : FE041889.D
 Signal(s) : FID1B.ch
 Acq On : 12 May 2023 18:42
 Operator : YP\AJ
 Sample : 02754-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 13 02:18:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.985	15945381	84.993 ug/ml
Spiked Amount 50.000		Recovery =	169.99%
12) S 1-chlorooctadecane (S...	13.418	11174021	79.097 ug/ml
Spiked Amount 50.000		Recovery =	158.19%
Target Compounds			
1) T n-Nonane (C9)	3.363	44663	0.304 ug/ml
2) T n-Decane (C10)	4.586	215324	1.436 ug/ml
3) T A~Naphthalene (C11.7)	6.323	1845686	11.153 ug/ml
4) T n-Dodecane (C12)	6.768	711258	4.678 ug/ml
5) T A~2-methylnaphthalene...	7.414	6772722	42.002 ug/ml
6) T n-Tetradecane (C14)	8.591	5269268	34.688 ug/ml
7) T n-Hexadecane (C16)	10.223	13156617	82.443 ug/ml
8) T n-Octadecane (C18)	11.660	7032983	42.907 ug/ml
10) T n-Eicosane (C20)	12.960	4634248	28.812 ug/ml
11) T n-Heneicosane (C21)	13.627f	7192372	45.130 ug/ml
13) T n-Docosane (C22)	14.151	1409184	8.844 ug/ml
14) T n-Tetracosane (C24)	15.246	877938	5.446 ug/ml
15) T n-Hexacosane (C26)	16.288	35771	0.226 ug/ml
16) T n-Octacosane (C28)	17.237	86930	0.565 ug/ml
17) T n-Tricontane (C30)	18.125	91513	0.601 ug/ml
18) T n-Dotriacontane (C32)	18.952	204543	1.373 ug/ml
19) T n-Tetratriacontane (C34)	19.732	45824	0.325 ug/ml
20) T n-Hexatriacontane (C36)	20.480	219923	1.645 ug/ml
21) T n-Octatriacontane (C38)	21.224	180306	1.365 ug/ml
22) T n-Tetracontane (C40)	22.154	311965	2.464 ug/ml

(f)=RT Delta > 1/2 Window

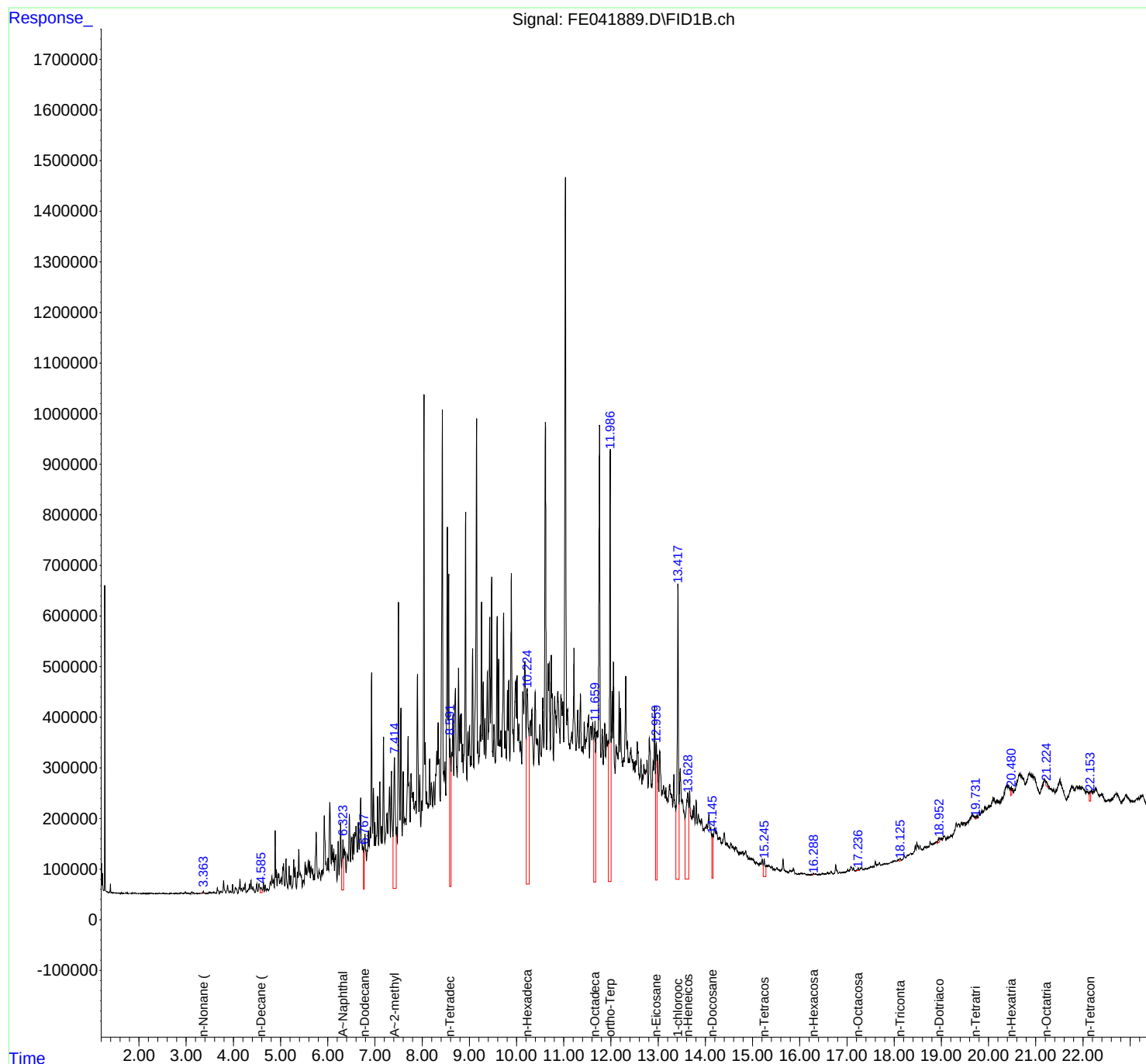
(m)=manual int.

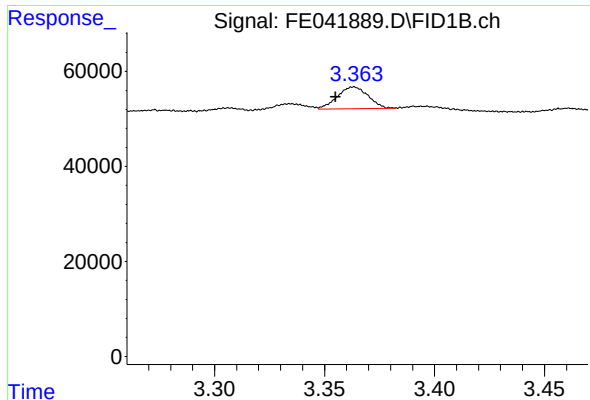
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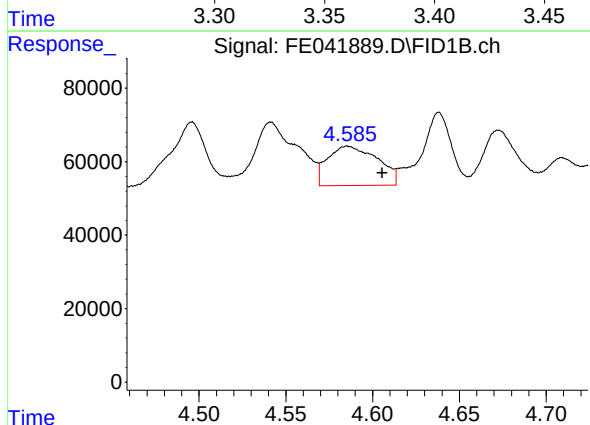




#1 n-Nonane (C9)

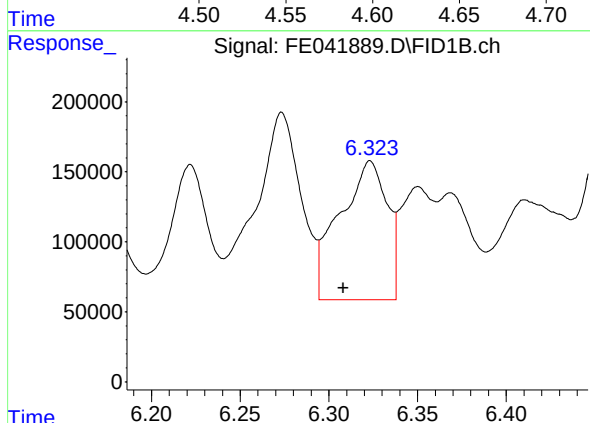
R.T.: 3.363 min
Delta R.T.: 0.008 min
Response: 44663
Conc: 0.30 ug/ml

Instrument :
FID_E
ClientSampleId :



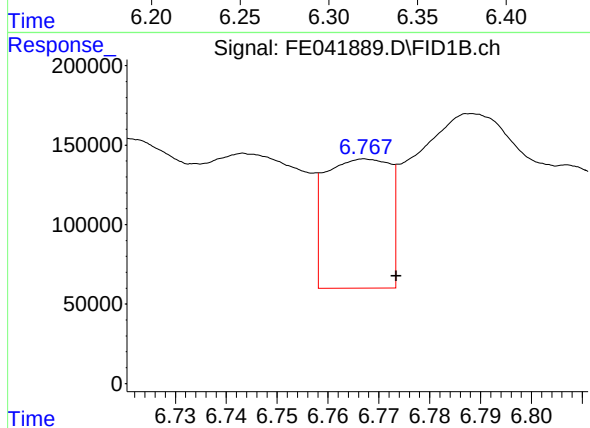
#2 n-Decane (C10)

R.T.: 4.586 min
Delta R.T.: -0.020 min
Response: 215324
Conc: 1.44 ug/ml



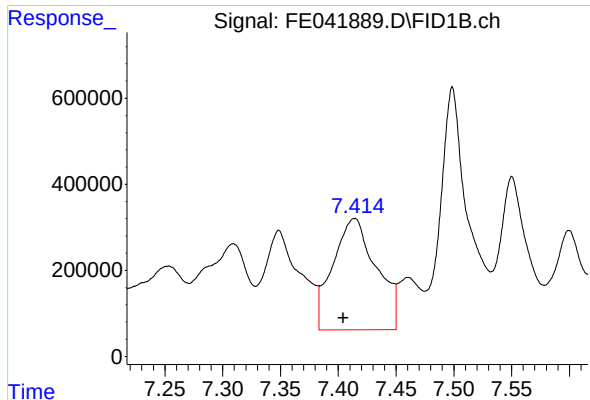
#3 A~Naphthalene (C11.7)

R.T.: 6.323 min
Delta R.T.: 0.015 min
Response: 1845686
Conc: 11.15 ug/ml



#4 n-Dodecane (C12)

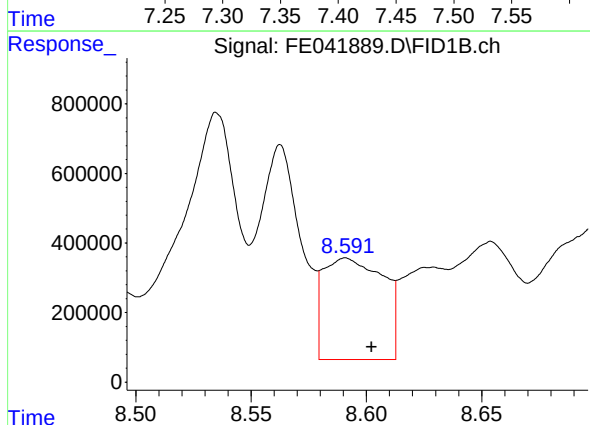
R.T.: 6.768 min
Delta R.T.: -0.006 min
Response: 711258
Conc: 4.68 ug/ml



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

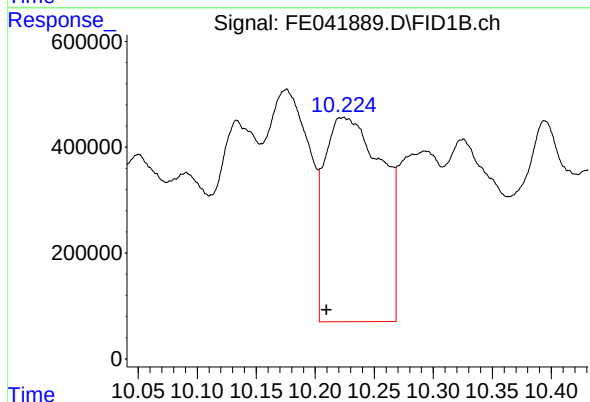
R.T.: 7.414 min
Delta R.T.: 0.010 min
Response: 6772722
Conc: 42.00 ug/ml

Instrument :
FID_E
ClientSampleId :



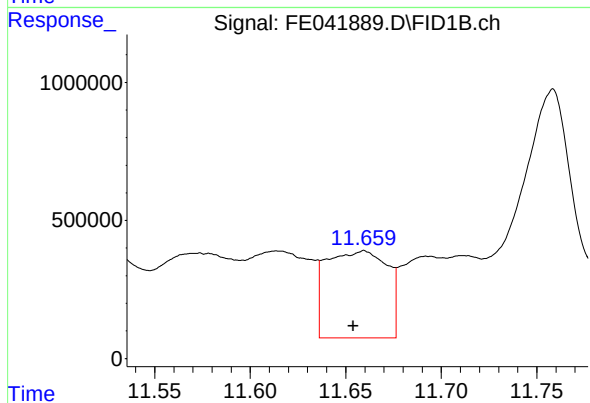
#6 n-Tetradecane (C14)

R.T.: 8.591 min
Delta R.T.: -0.011 min
Response: 5269268
Conc: 34.69 ug/ml



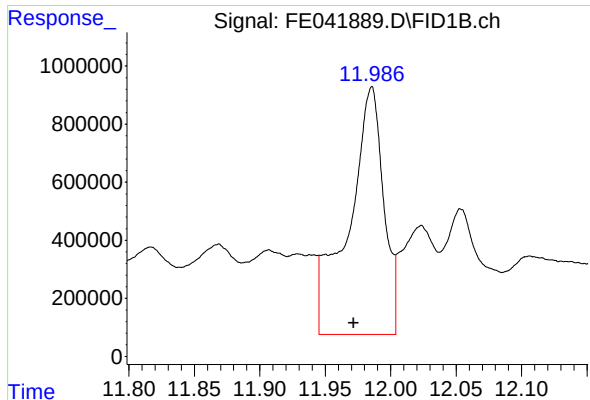
#7 n-Hexadecane (C16)

R.T.: 10.223 min
Delta R.T.: 0.014 min
Response: 13156617
Conc: 82.44 ug/ml



#8 n-Octadecane (C18)

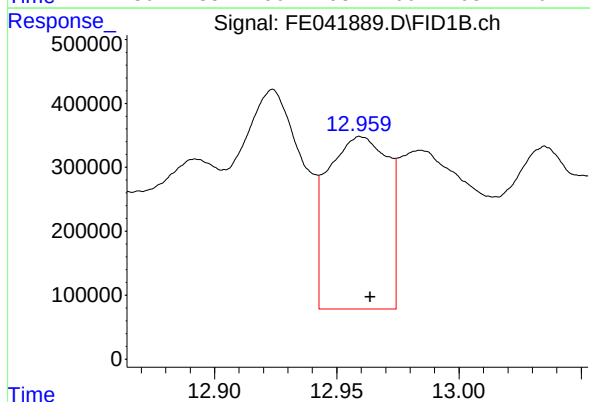
R.T.: 11.660 min
Delta R.T.: 0.006 min
Response: 7032983
Conc: 42.91 ug/ml



#9 ortho-Terphenyl (SURR)

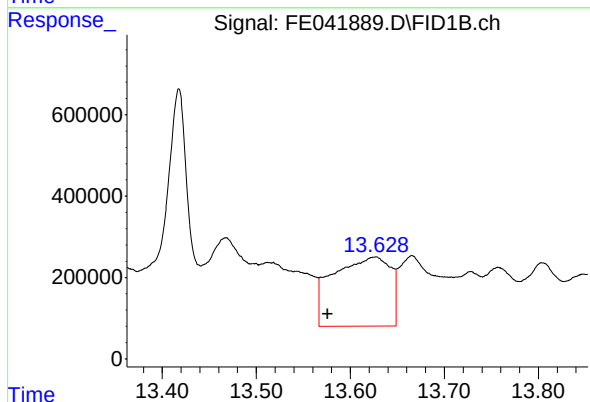
R.T.: 11.985 min
Delta R.T.: 0.014 min
Response: 15945381
Conc: 84.99 ug/ml

Instrument :
FID_E
ClientSampleId :



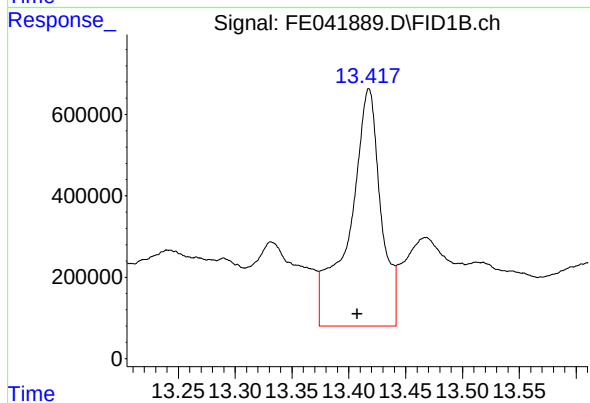
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.004 min
Response: 4634248
Conc: 28.81 ug/ml



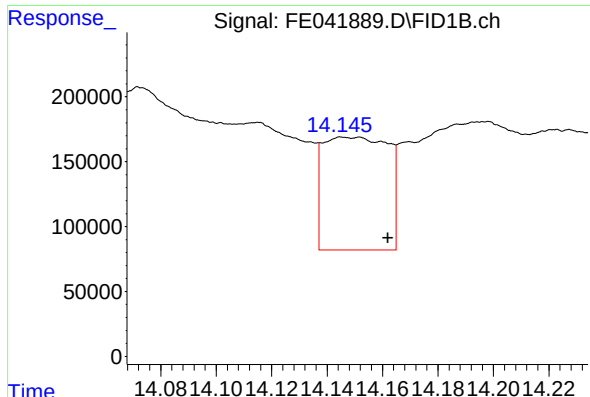
#11 n-Heneicosane (C21)

R.T.: 13.627 min
Delta R.T.: 0.051 min
Response: 7192372
Conc: 45.13 ug/ml



#12 1-chlorooctadecane (SURR)

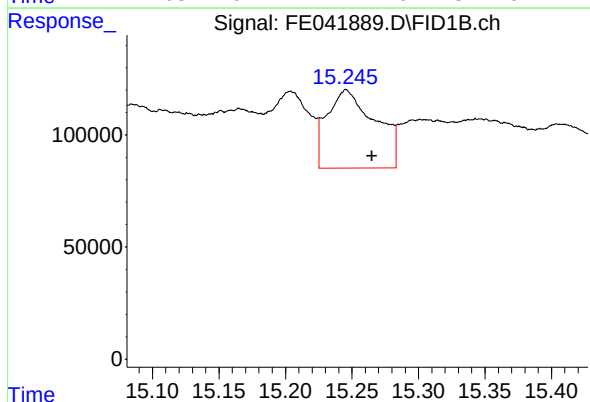
R.T.: 13.418 min
Delta R.T.: 0.010 min
Response: 11174021
Conc: 79.10 ug/ml



#13 n-Docosane (C22)

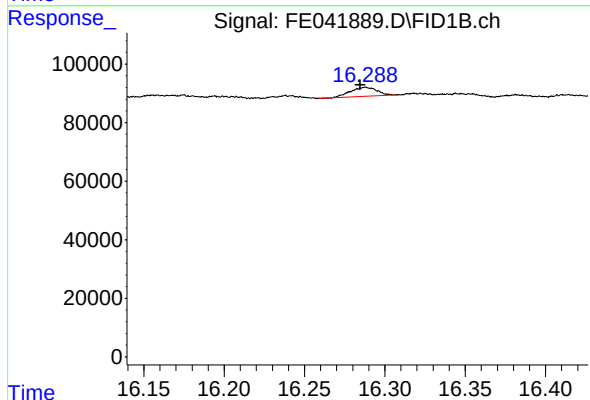
R.T.: 14.151 min
Delta R.T.: -0.011 min
Response: 1409184
Conc: 8.84 ug/ml

Instrument :
FID_E
ClientSampleId :



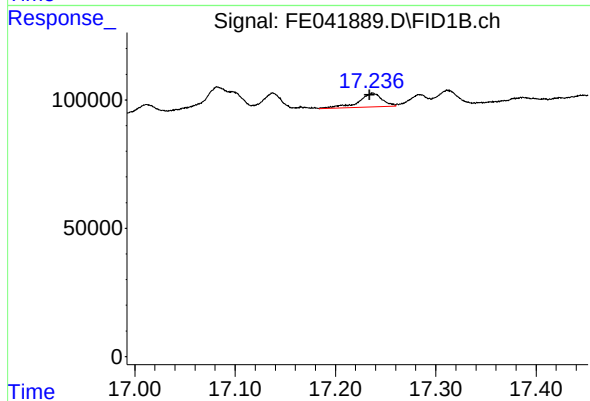
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.019 min
Response: 877938
Conc: 5.45 ug/ml



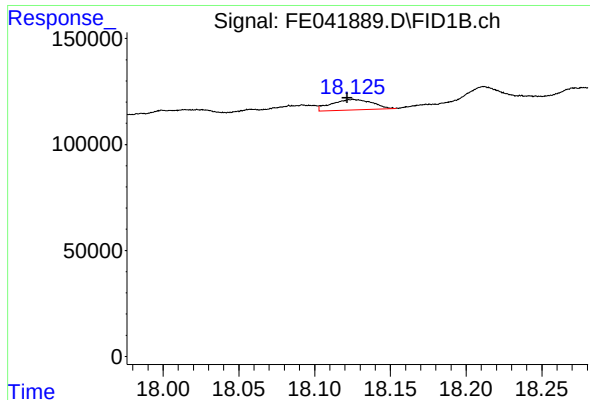
#15 n-Hexacosane (C26)

R.T.: 16.288 min
Delta R.T.: 0.003 min
Response: 35771
Conc: 0.23 ug/ml



#16 n-Octacosane (C28)

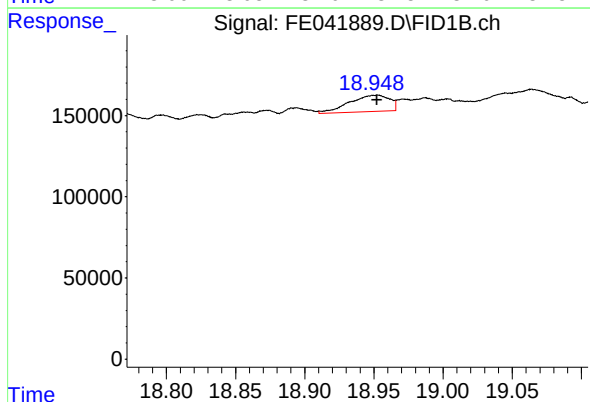
R.T.: 17.237 min
Delta R.T.: 0.003 min
Response: 86930
Conc: 0.56 ug/ml



#17 n-Tricontane (C30)

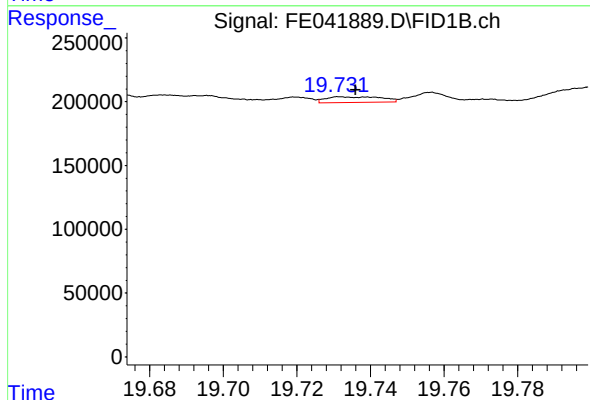
R.T.: 18.125 min
Delta R.T.: 0.003 min
Response: 91513
Conc: 0.60 ug/ml

Instrument :
FID_E
ClientSampleId :



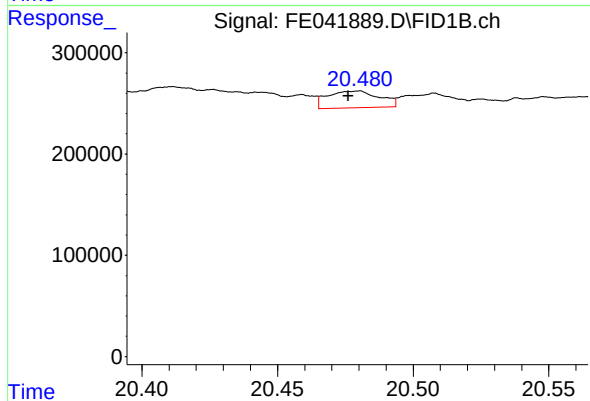
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: 0.000 min
Response: 204543
Conc: 1.37 ug/ml



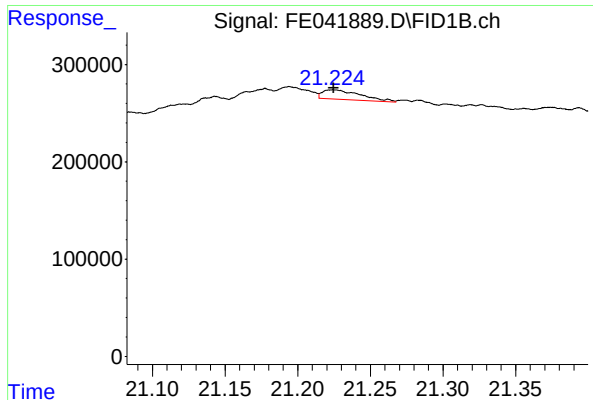
#19 n-Tetatriacontane (C34)

R.T.: 19.732 min
Delta R.T.: -0.004 min
Response: 45824
Conc: 0.33 ug/ml



#20 n-Hexatriacontane (C36)

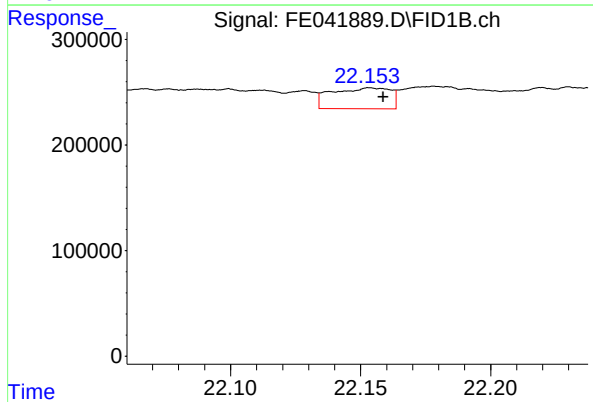
R.T.: 20.480 min
Delta R.T.: 0.003 min
Response: 219923
Conc: 1.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: 0.000 min
Response: 180306
Conc: 1.36 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.154 min
Delta R.T.: -0.005 min
Response: 311965
Conc: 2.46 ug/ml