

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101223AL\
 Data File : FE044809.D
 Signal(s) : FID1B.ch
 Acq On : 12 Oct 2023 09:39
 Operator : YP\AJ
 Sample : 04825-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 12 11:59:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.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)	11.911	1256761	6.269 ug/ml
Spiked Amount 50.000		Recovery =	12.54%
12) S 1-chlorooctadecane (S...	13.354	1050149	7.096 ug/ml
Spiked Amount 50.000		Recovery =	14.19%
Target Compounds			
1) T n-Nonane (C9)	3.235f	9687	0.058 ug/ml
6) T n-Tetradecane (C14)	8.503	190184	1.109 ug/ml
7) T n-Hexadecane (C16)	10.146	125653	0.719 ug/ml
8) T n-Octadecane (C18)	11.595	111388	0.639 ug/ml
10) T n-Eicosane (C20)	12.909	240742	1.441 ug/ml
11) T n-Heneicosane (C21)	13.525	255685	1.569 ug/ml
13) T n-Docosane (C22)	14.111	348465	2.179 ug/ml
14) T n-Tetracosane (C24)	15.216	249231	1.606 ug/ml
15) T n-Hexacosane (C26)	16.240	359979	2.398 ug/ml
16) T n-Octacosane (C28)	17.192	457721	3.117 ug/ml
17) T n-Tricontane (C30)	18.083	342129	2.300 ug/ml
18) T n-Dotriacontane (C32)	18.919	447881	2.984 ug/ml
19) T n-Tetratriacontane (C34)	19.707	753230	5.060 ug/ml
20) T n-Hexatriacontane (C36)	20.450	510185	3.318 ug/ml
21) T n-Octatriacontane (C38)	21.196	1675232	10.724 ug/ml
22) T n-Tetracontane (C40)	22.113	227108	1.359 ug/ml

(f)=RT Delta > 1/2 Window

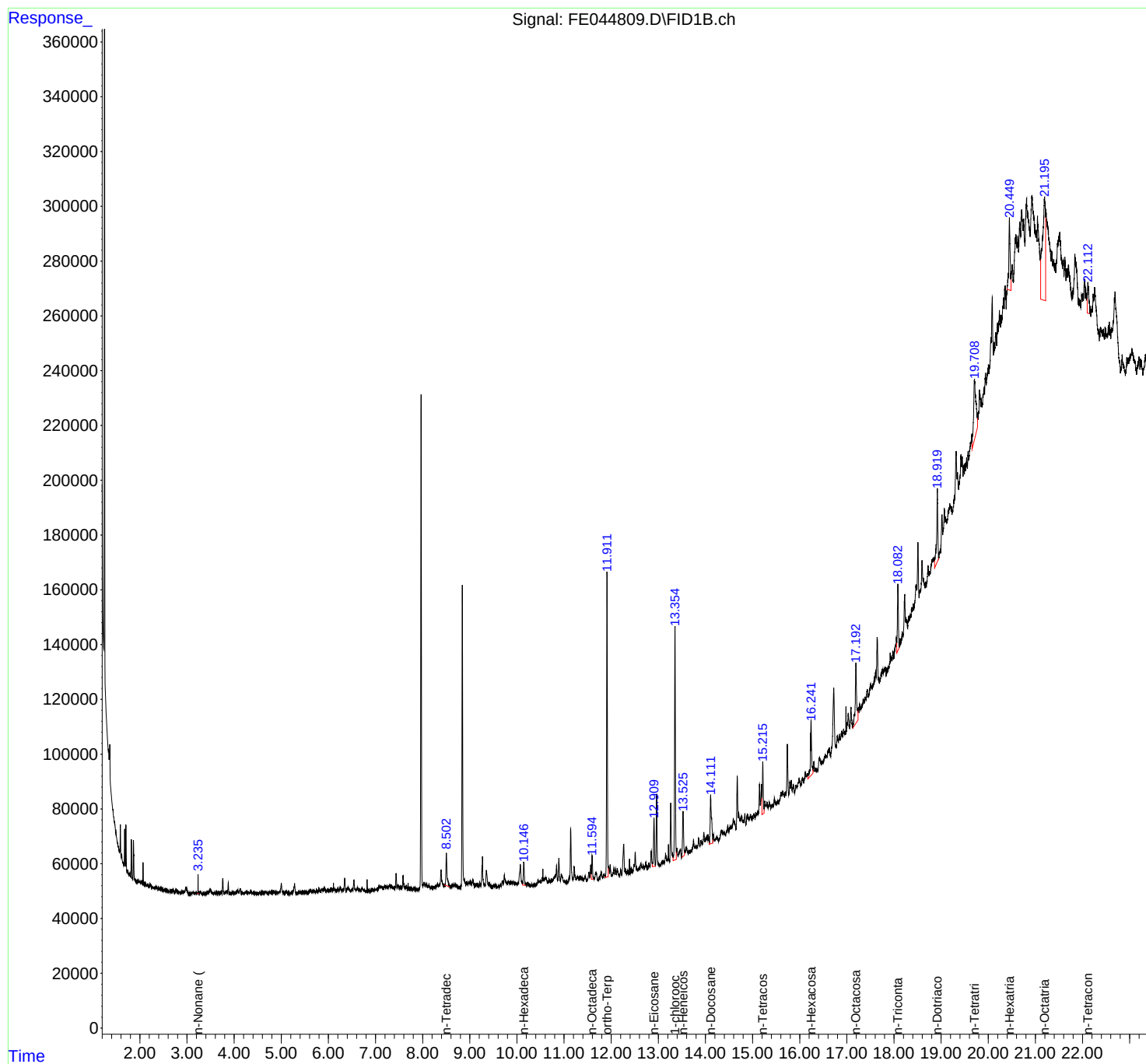
(m)=manual int.

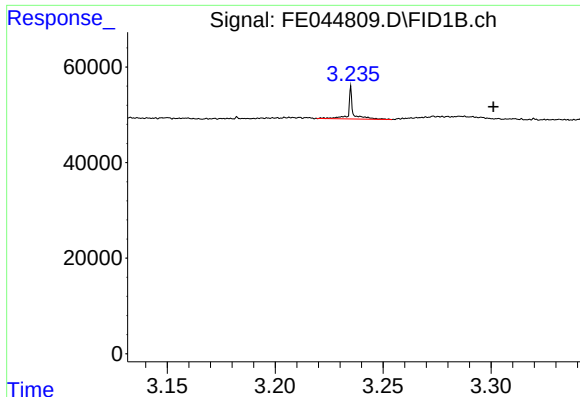
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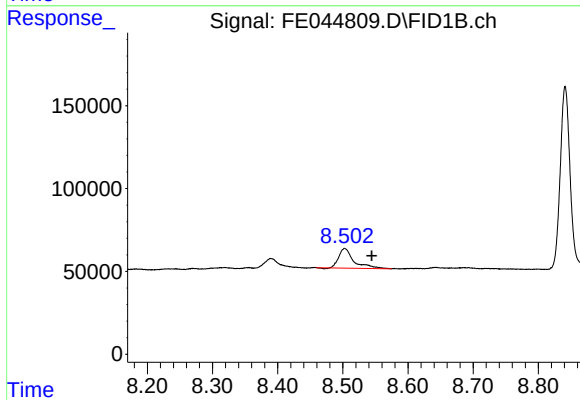




#1 n-Nonane (C9)

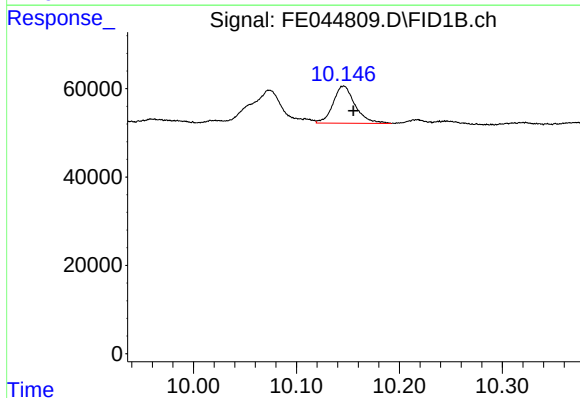
R.T.: 3.235 min
Delta R.T.: -0.066 min
Response: 9687
Conc: 0.06 ug/ml

Instrument :
FID_E
ClientSampleId :



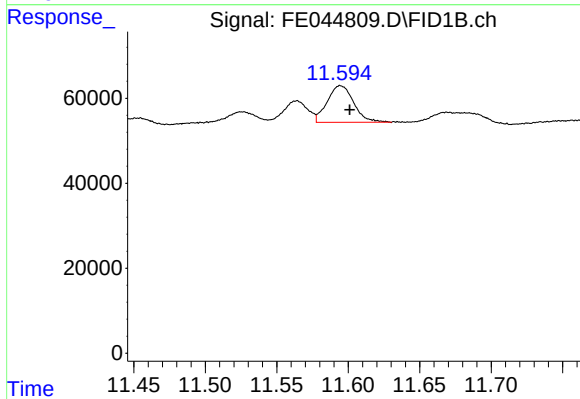
#6 n-Tetradecane (C14)

R.T.: 8.503 min
Delta R.T.: -0.041 min
Response: 190184
Conc: 1.11 ug/ml



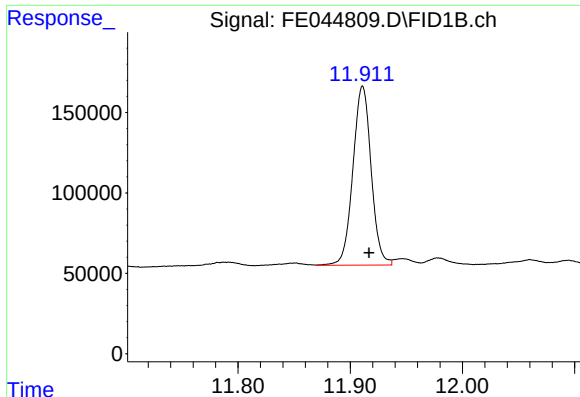
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: -0.009 min
Response: 125653
Conc: 0.72 ug/ml



#8 n-Octadecane (C18)

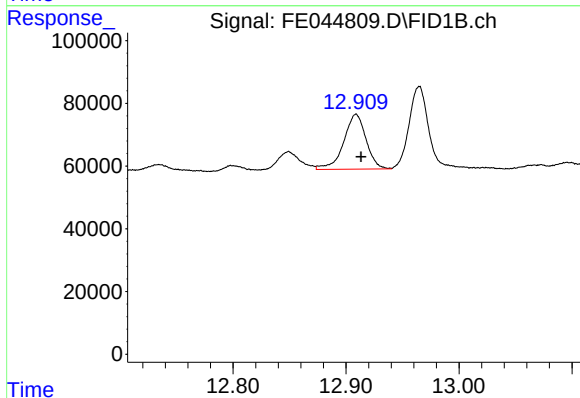
R.T.: 11.595 min
Delta R.T.: -0.007 min
Response: 111388
Conc: 0.64 ug/ml



#9 ortho-Terphenyl (SURR)

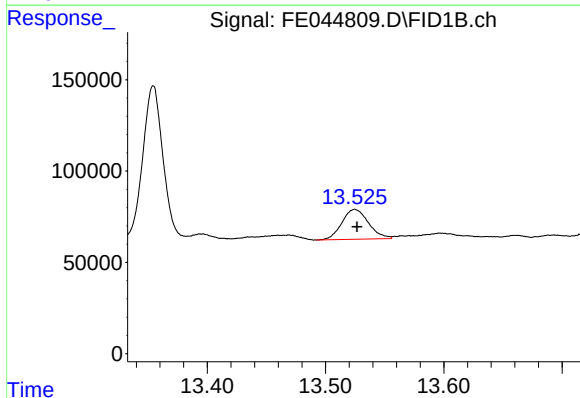
R.T.: 11.911 min
Delta R.T.: -0.006 min
Response: 1256761
Conc: 6.27 ug/ml

Instrument :
FID_E
ClientSampleId :



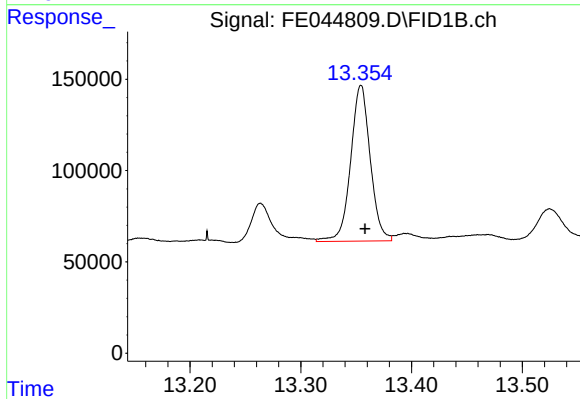
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: -0.005 min
Response: 240742
Conc: 1.44 ug/ml



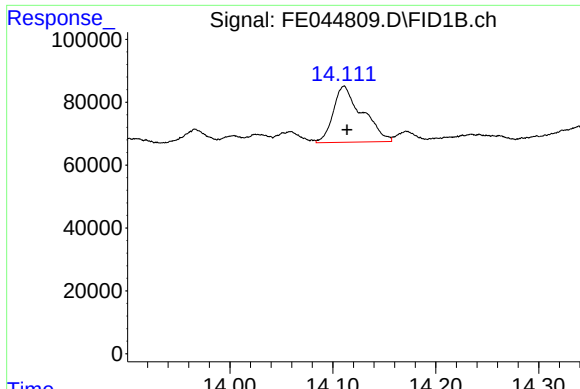
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: -0.002 min
Response: 255685
Conc: 1.57 ug/ml



#12 1-chlorooctadecane (SURR)

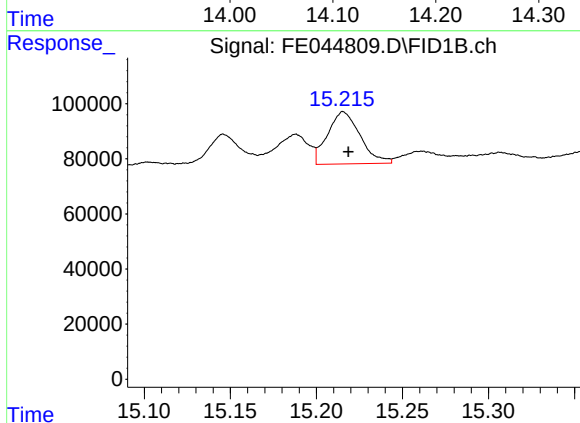
R.T.: 13.354 min
Delta R.T.: -0.004 min
Response: 1050149
Conc: 7.10 ug/ml



#13 n-Docosane (C22)

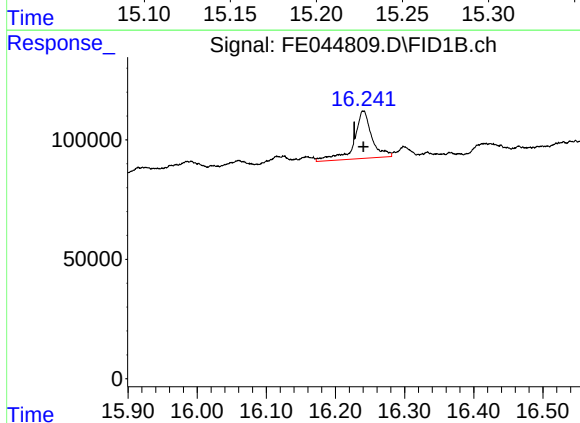
R.T.: 14.111 min
Delta R.T.: -0.003 min
Response: 348465
Conc: 2.18 ug/ml

Instrument :
FID_E
ClientSampleId :



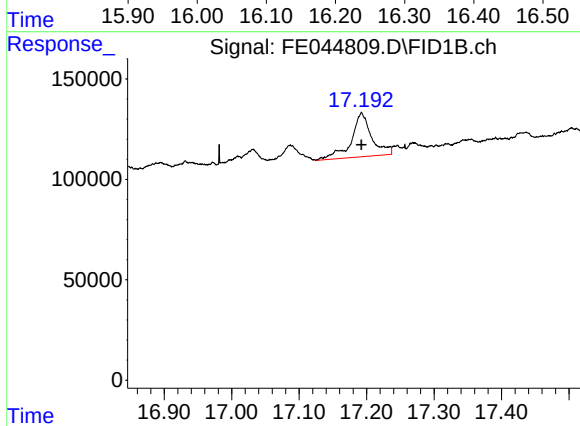
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: -0.003 min
Response: 249231
Conc: 1.61 ug/ml



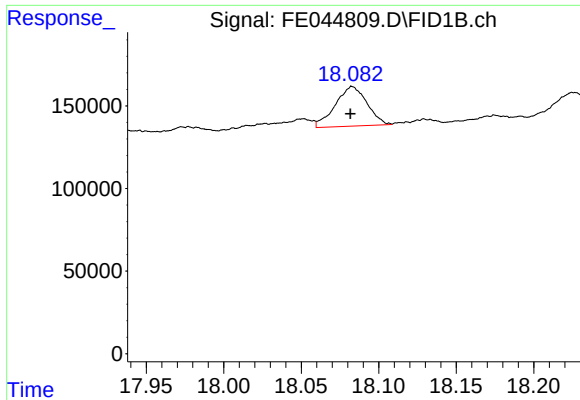
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: 0.000 min
Response: 359979
Conc: 2.40 ug/ml



#16 n-Octacosane (C28)

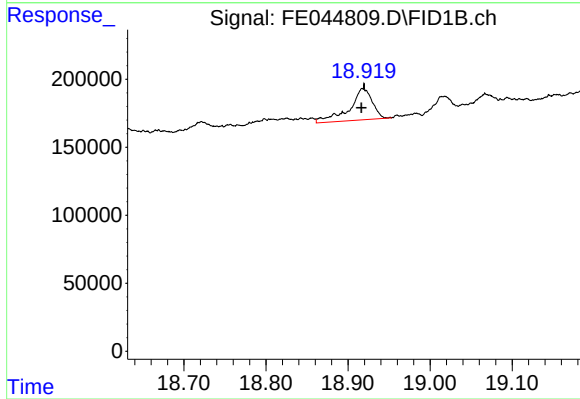
R.T.: 17.192 min
Delta R.T.: 0.000 min
Response: 457721
Conc: 3.12 ug/ml



#17 n-Tricontane (C30)

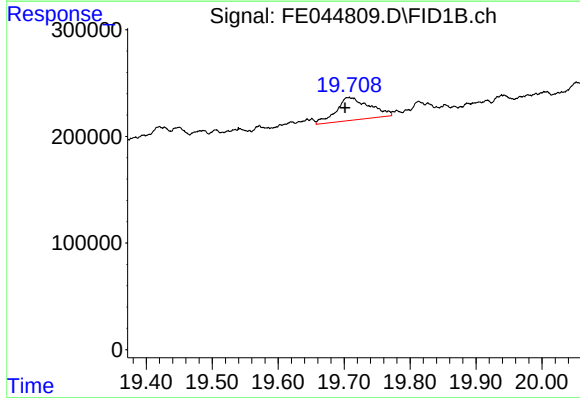
R.T.: 18.083 min
Delta R.T.: 0.001 min
Response: 342129
Conc: 2.30 ug/ml

Instrument :
FID_E
ClientSampleId :



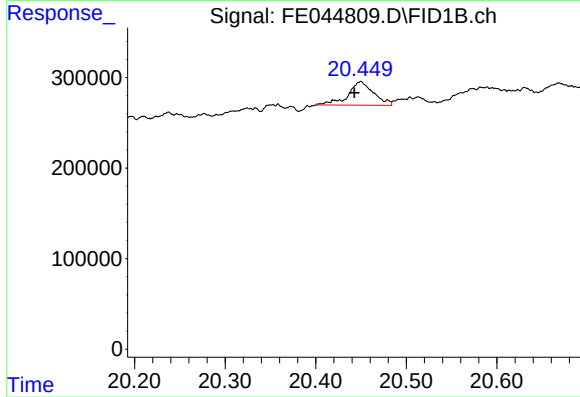
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: 0.003 min
Response: 447881
Conc: 2.98 ug/ml



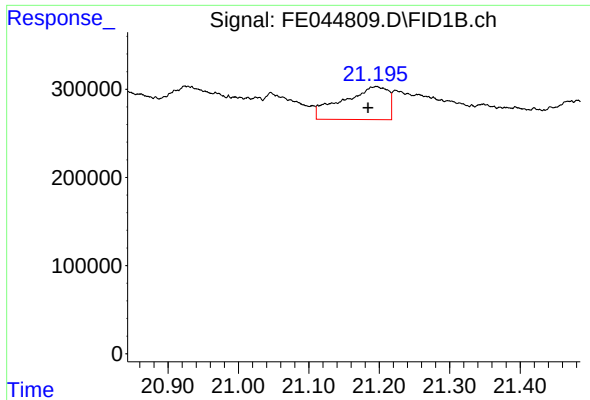
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: 0.006 min
Response: 753230
Conc: 5.06 ug/ml



#20 n-Hexatriacontane (C36)

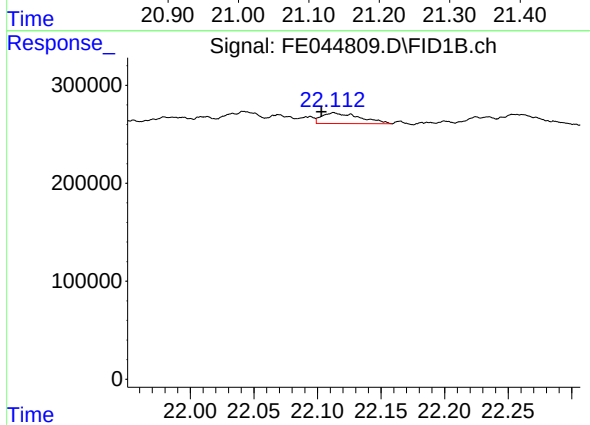
R.T.: 20.450 min
Delta R.T.: 0.007 min
Response: 510185
Conc: 3.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: 0.012 min
Response: 1675232
Conc: 10.72 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: 0.010 min
Response: 227108
Conc: 1.36 ug/ml