

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103123AL\
 Data File : FE045109.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2023 17:49
 Operator : YP\AJ
 Sample : 05162-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 31 23:56:45 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	66520	0.332 ug/ml
Spiked Amount 50.000		Recovery =	0.66%
12) S 1-chlorooctadecane (S...	13.343	3891005	26.293 ug/ml
Spiked Amount 50.000		Recovery =	52.59%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.235	111819	0.604 ug/ml
5) T A~2-methylnaphthalene...	7.330	95057	0.527 ug/ml
6) T n-Tetradecane (C14)	8.525	75296	0.439 ug/ml
7) T n-Hexadecane (C16)	10.136	137576	0.787 ug/ml
8) T n-Octadecane (C18)	11.582	113958	0.653 ug/ml
10) T n-Eicosane (C20)	12.895	194880	1.167 ug/ml
11) T n-Heneicosane (C21)	13.516	206923	1.269 ug/ml
13) T n-Docosane (C22)	14.117	122221	0.764 ug/ml
14) T n-Tetracosane (C24)	15.231	46198	0.298 ug/ml
15) T n-Hexacosane (C26)	16.231	344858	2.297 ug/ml
16) T n-Octacosane (C28)	17.200	1515773	10.322 ug/ml
17) T n-Tricontane (C30)	18.078	3811394	25.626 ug/ml
18) T n-Dotriacontane (C32)	18.921	4953521	33.003 ug/ml
19) T n-Tetratriacontane (C34)	19.723	12361746	83.040 ug/ml
20) T n-Hexatriacontane (C36)	20.441	6582519	42.816 ug/ml
21) T n-Octatriacontane (C38)	21.188	2501287	16.012 ug/ml
22) T n-Tetracontane (C40)	22.075	1661848	9.944 ug/ml

(f)=RT Delta > 1/2 Window

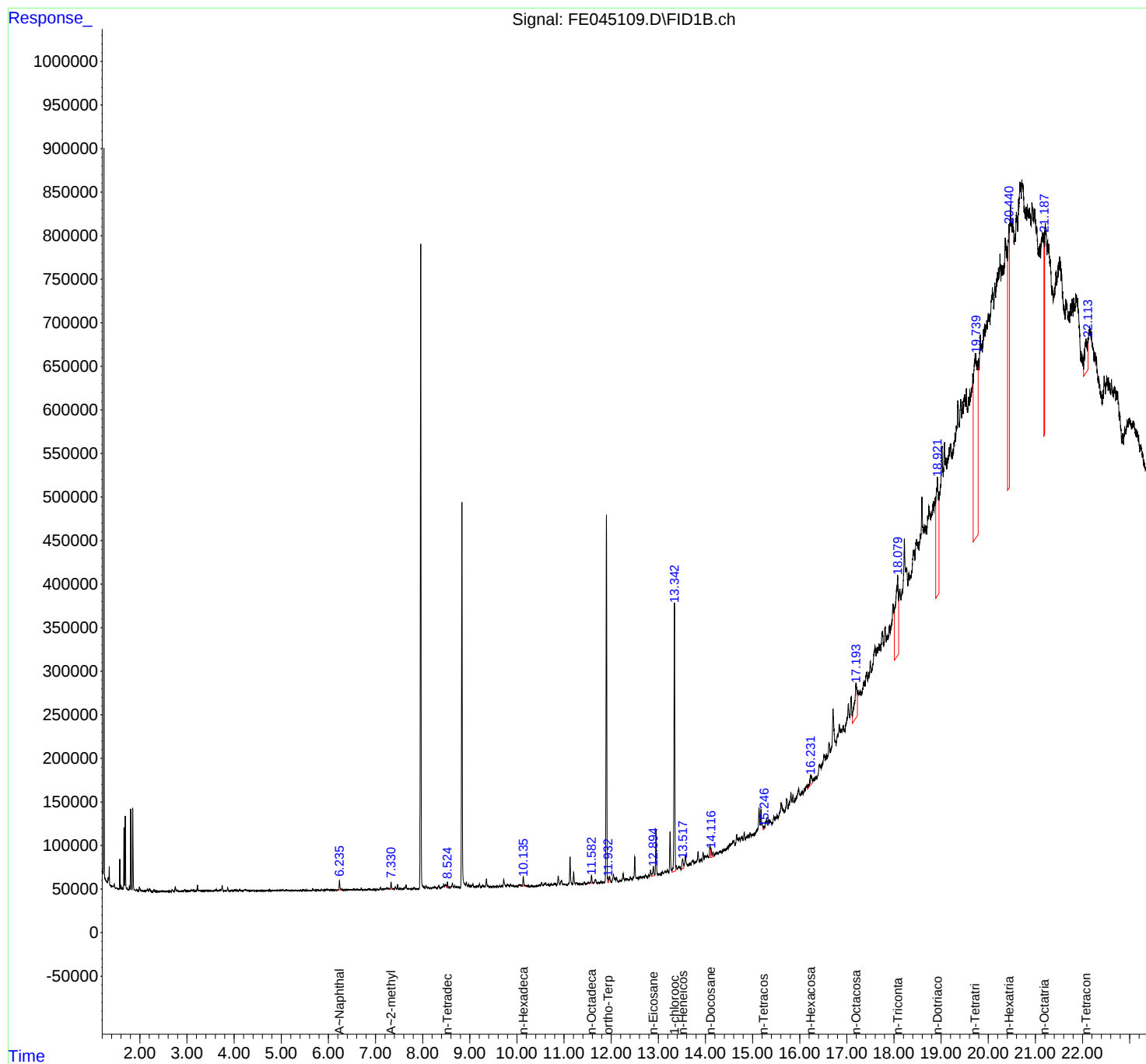
(m)=manual int.

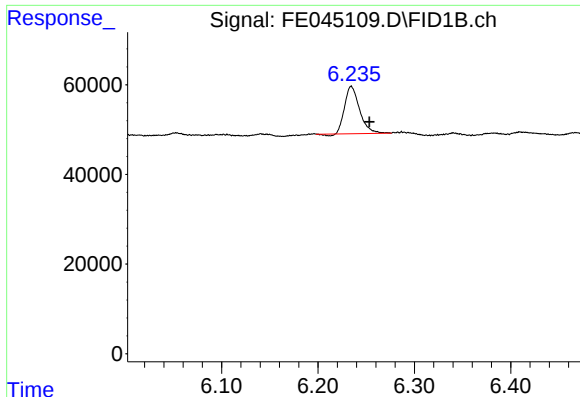
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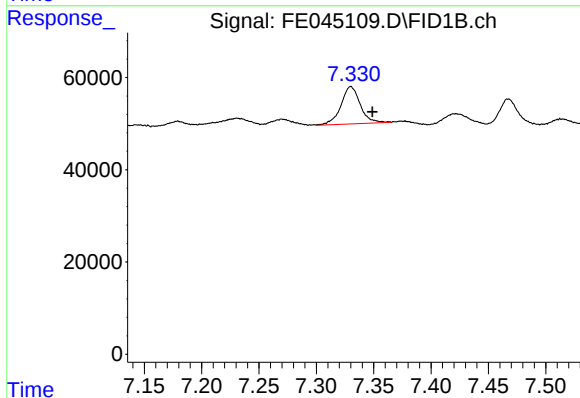




#3 A~Naphthalene (C11.7)

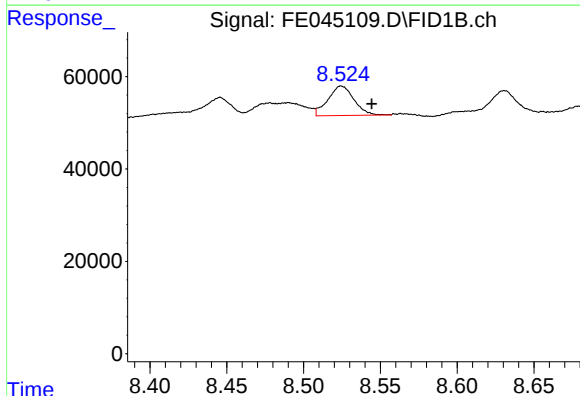
R.T.: 6.235 min
Delta R.T.: -0.019 min
Response: 111819
Conc: 0.60 ug/ml

Instrument :
FID_E
ClientSampleId :



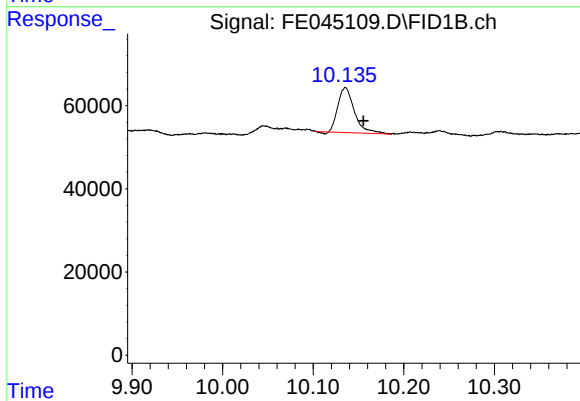
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.330 min
Delta R.T.: -0.019 min
Response: 95057
Conc: 0.53 ug/ml



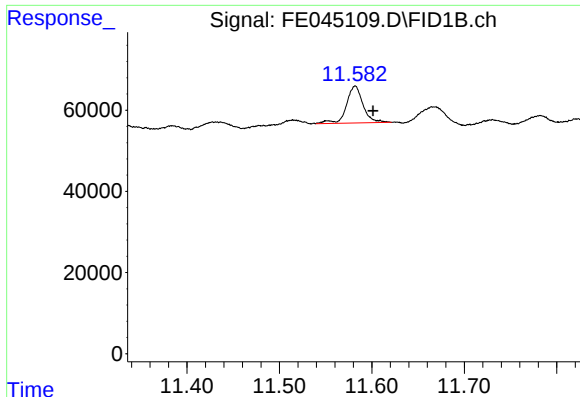
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.020 min
Response: 75296
Conc: 0.44 ug/ml



#7 n-Hexadecane (C16)

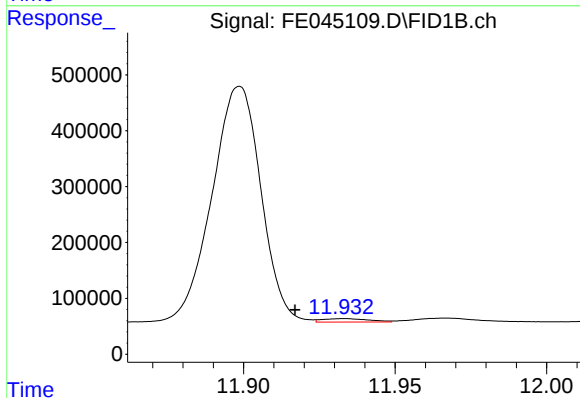
R.T.: 10.136 min
Delta R.T.: -0.020 min
Response: 137576
Conc: 0.79 ug/ml



#8 n-Octadecane (C18)

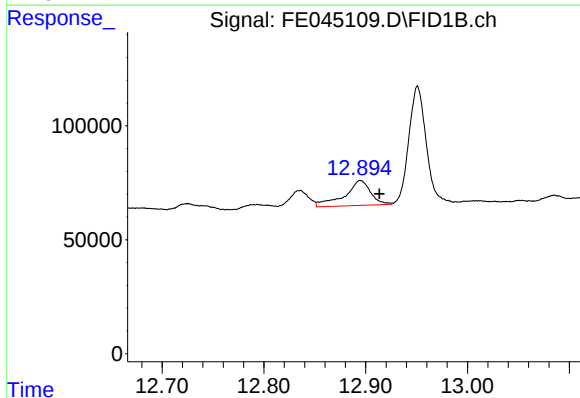
R.T.: 11.582 min
Delta R.T.: -0.019 min
Response: 113958
Conc: 0.65 ug/ml

Instrument :
FID_E
ClientSampleId :



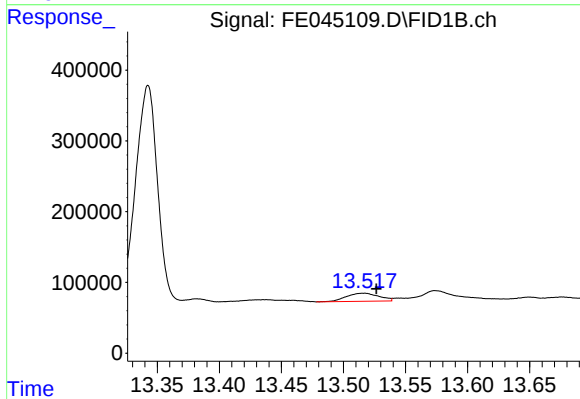
#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: 0.016 min
Response: 66520
Conc: 0.33 ug/ml



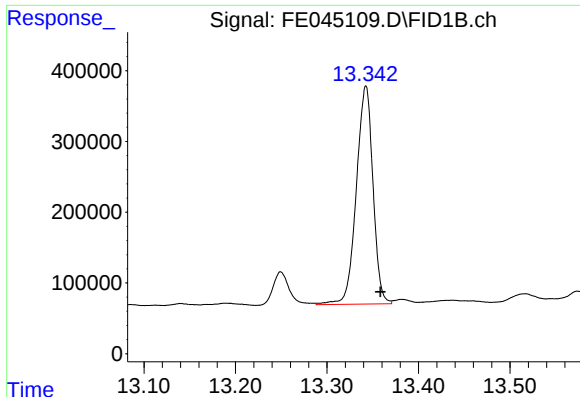
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: -0.019 min
Response: 194880
Conc: 1.17 ug/ml



#11 n-Heneicosane (C21)

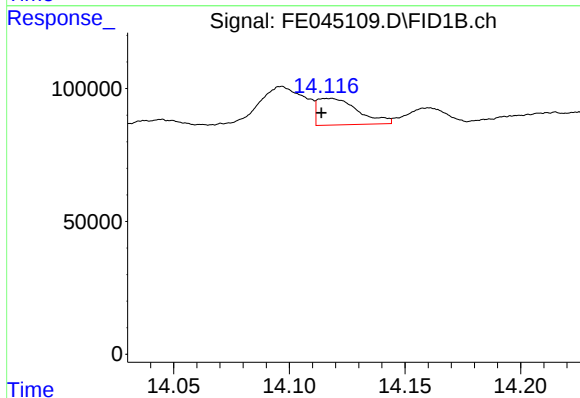
R.T.: 13.516 min
Delta R.T.: -0.010 min
Response: 206923
Conc: 1.27 ug/ml



#12 1-chlorooctadecane (SURR)

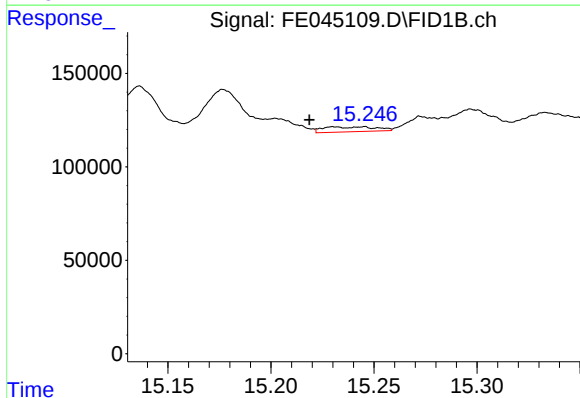
R.T.: 13.343 min
Delta R.T.: -0.016 min
Response: 3891005
Conc: 26.29 ug/ml

Instrument :
FID_E
ClientSampleId :



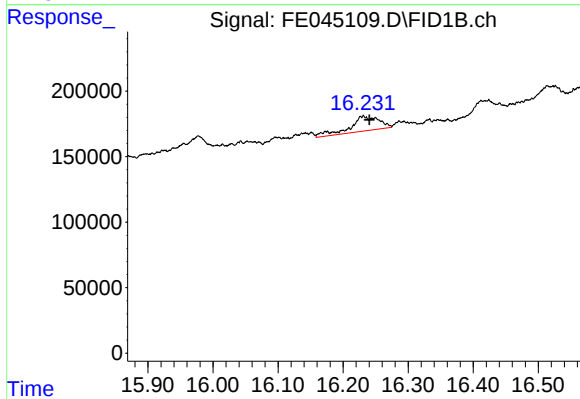
#13 n-Docosane (C22)

R.T.: 14.117 min
Delta R.T.: 0.003 min
Response: 122221
Conc: 0.76 ug/ml



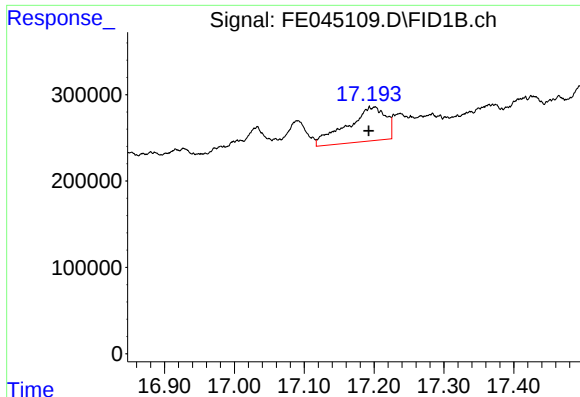
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: 0.012 min
Response: 46198
Conc: 0.30 ug/ml



#15 n-Hexacosane (C26)

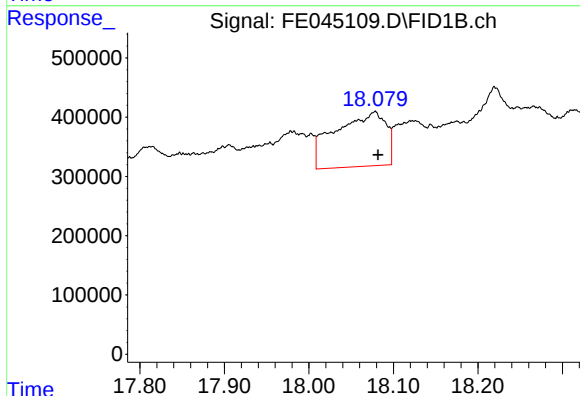
R.T.: 16.231 min
Delta R.T.: -0.010 min
Response: 344858
Conc: 2.30 ug/ml



#16 n-Octacosane (C28)

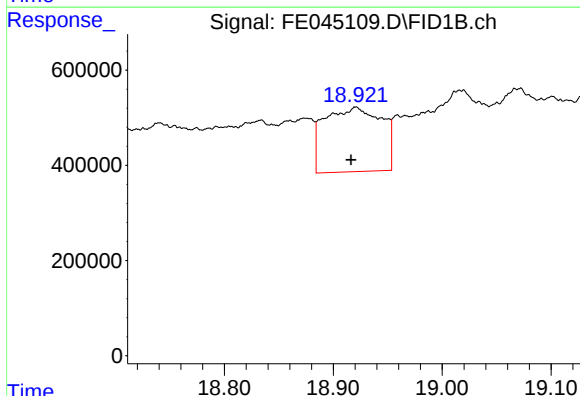
R.T.: 17.200 min
Delta R.T.: 0.007 min
Response: 1515773
Conc: 10.32 ug/ml

Instrument :
FID_E
ClientSampleId :



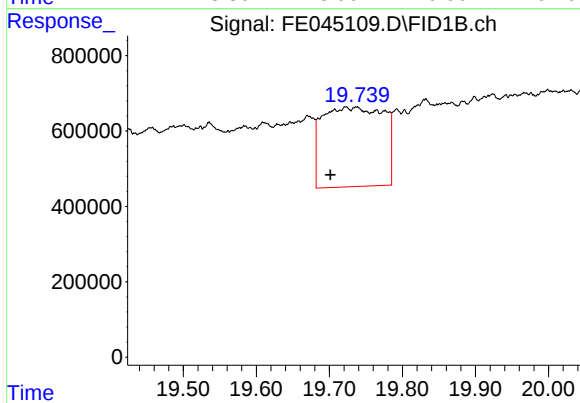
#17 n-Tricontane (C30)

R.T.: 18.078 min
Delta R.T.: -0.004 min
Response: 3811394
Conc: 25.63 ug/ml



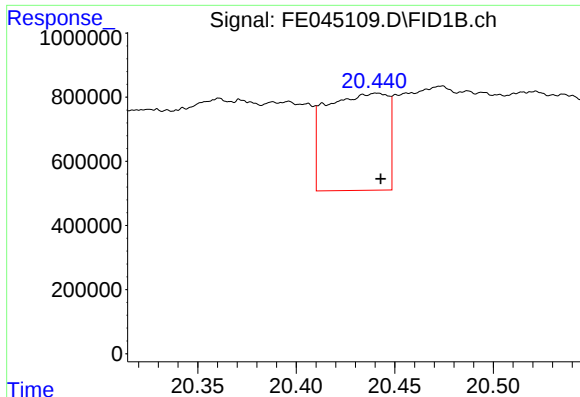
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: 0.005 min
Response: 4953521
Conc: 33.00 ug/ml



#19 n-Tetratriacontane (C34)

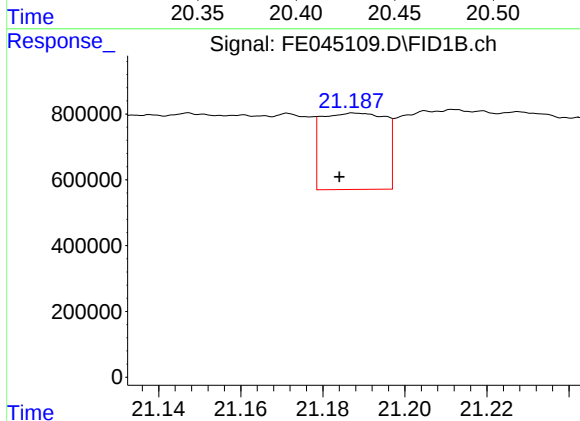
R.T.: 19.723 min
Delta R.T.: 0.021 min
Response: 12361746
Conc: 83.04 ug/ml



#20 n-Hexatriacontane (C36)

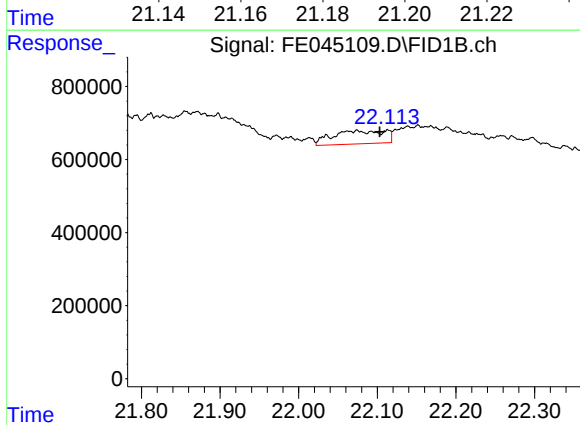
R.T.: 20.441 min
Delta R.T.: -0.002 min
Response: 6582519
Conc: 42.82 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: 0.004 min
Response: 2501287
Conc: 16.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.075 min
Delta R.T.: -0.028 min
Response: 1661848
Conc: 9.94 ug/ml