

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111423AL\
 Data File : FE045343.D
 Signal(s) : FID1B.ch
 Acq On : 14 Nov 2023 16:59
 Operator : YP\AJ
 Sample : 05384-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 14 21:45:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.879	5812331	30.443 ug/ml
Spiked Amount 50.000		Recovery =	60.89%
12) S 1-chlorooctadecane (S...	13.321	4415815	32.059 ug/ml
Spiked Amount 50.000		Recovery =	64.12%
Target Compounds			
1) T n-Nonane (C9)	3.209f	97886	0.593 ug/ml
6) T n-Tetradecane (C14)	8.508	56729	0.340 ug/ml
7) T n-Hexadecane (C16)	10.119	95255	0.566 ug/ml
8) T n-Octadecane (C18)	11.563	123131	0.736 ug/ml
10) T n-Eicosane (C20)	12.874	124726	0.787 ug/ml
11) T n-Heneicosane (C21)	13.487	118243	0.769 ug/ml
13) T n-Docosane (C22)	14.074	135335	0.893 ug/ml
14) T n-Tetracosane (C24)	15.177	70216	0.474 ug/ml
15) T n-Hexacosane (C26)	16.202	163416	1.121 ug/ml
16) T n-Octacosane (C28)	17.157	274227	1.877 ug/ml
17) T n-Tricontane (C30)	18.045	302090	1.989 ug/ml
18) T n-Dotriacontane (C32)	18.875	431460	2.762 ug/ml
19) T n-Tetratriacontane (C34)	19.669	248933	1.594 ug/ml
20) T n-Hexatriacontane (C36)	20.412	222323	1.370 ug/ml
21) T n-Octatriacontane (C38)	21.141	328209	1.975 ug/ml
22) T n-Tetracontane (C40)	22.066	129521	0.758 ug/ml

(f)=RT Delta > 1/2 Window

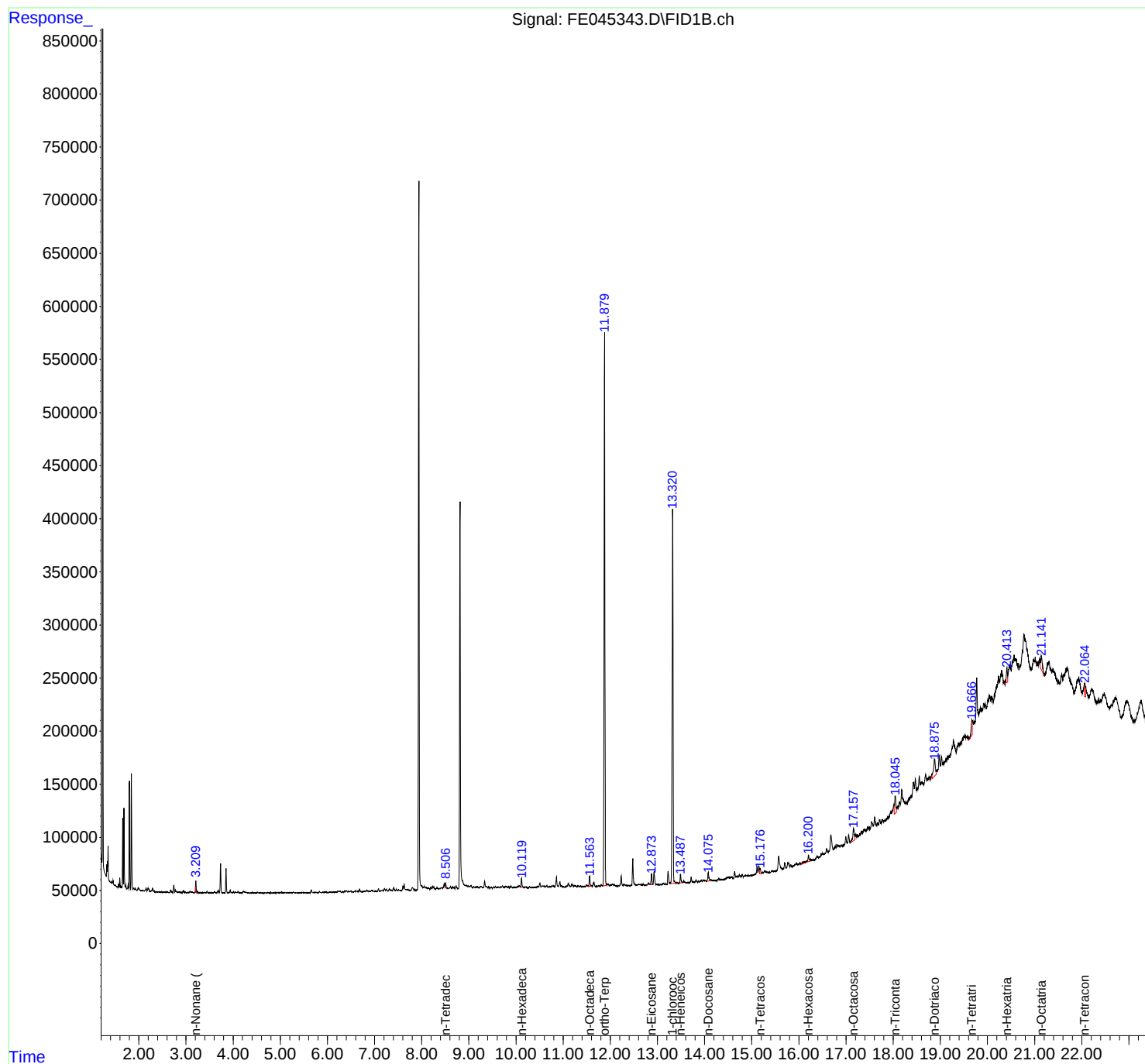
(m)=manual int.

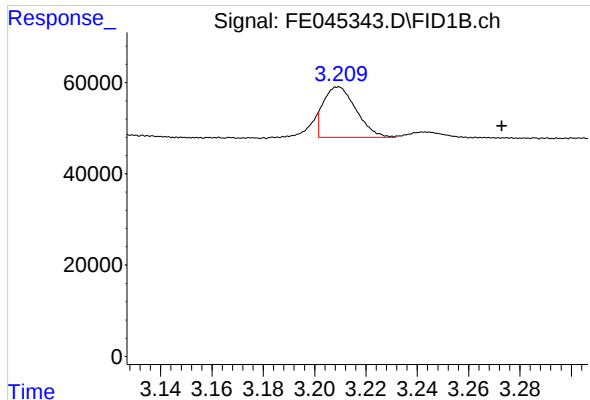
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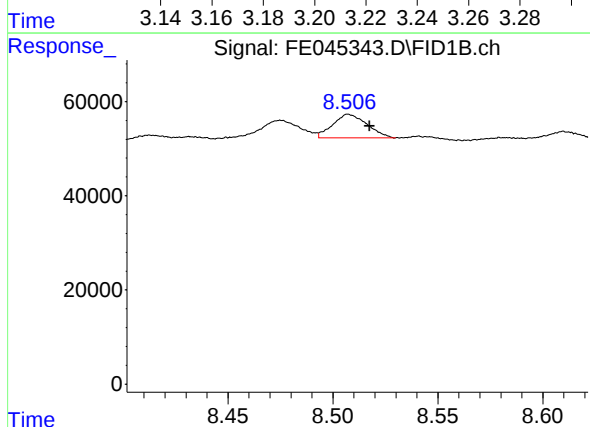




#1 n-Nonane (C9)

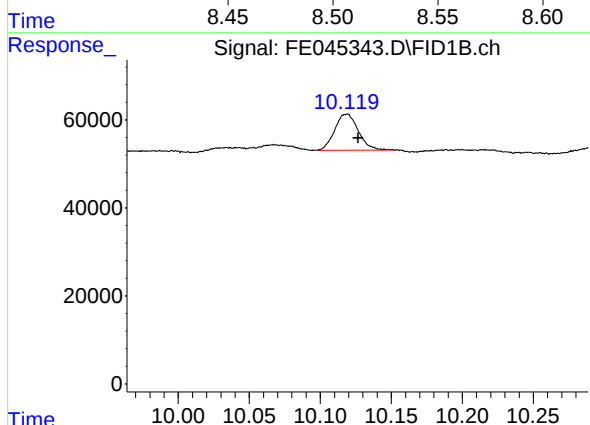
R.T.: 3.209 min
Delta R.T.: -0.064 min
Response: 97886
Conc: 0.59 ug/ml

Instrument :
FID_E
ClientSampleId :



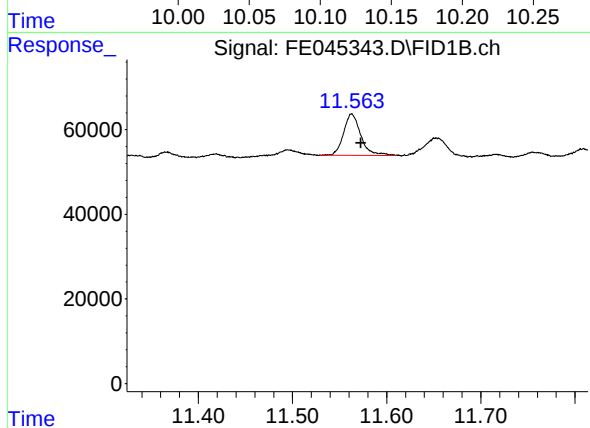
#6 n-Tetradecane (C14)

R.T.: 8.508 min
Delta R.T.: -0.010 min
Response: 56729
Conc: 0.34 ug/ml



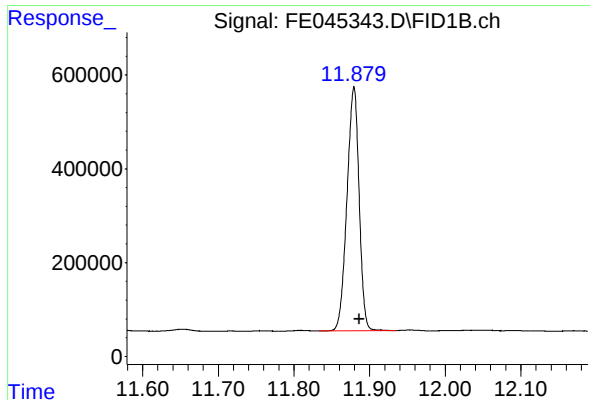
#7 n-Hexadecane (C16)

R.T.: 10.119 min
Delta R.T.: -0.008 min
Response: 95255
Conc: 0.57 ug/ml



#8 n-Octadecane (C18)

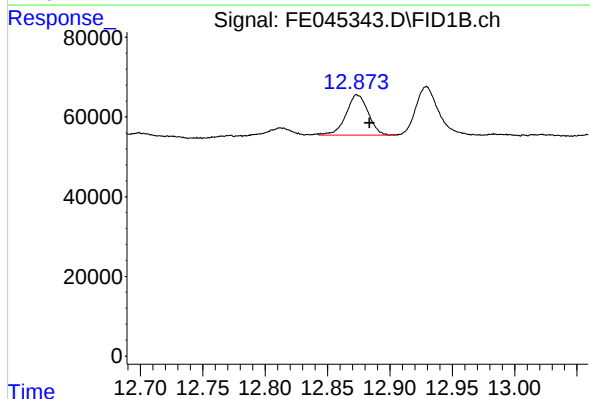
R.T.: 11.563 min
Delta R.T.: -0.010 min
Response: 123131
Conc: 0.74 ug/ml



#9 ortho-Terphenyl (SURR)

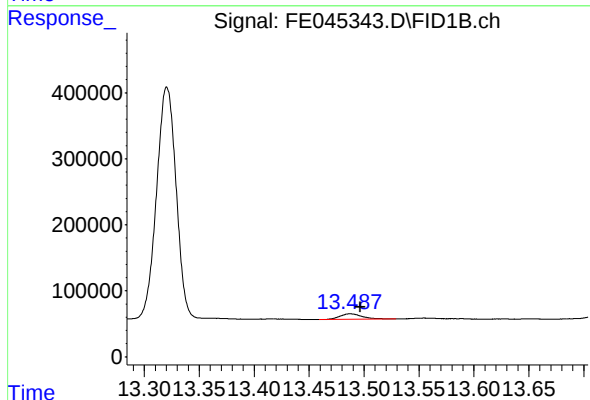
R.T.: 11.879 min
Delta R.T.: -0.007 min
Response: 5812331
Conc: 30.44 ug/ml

Instrument : FID_E
ClientSampleId :



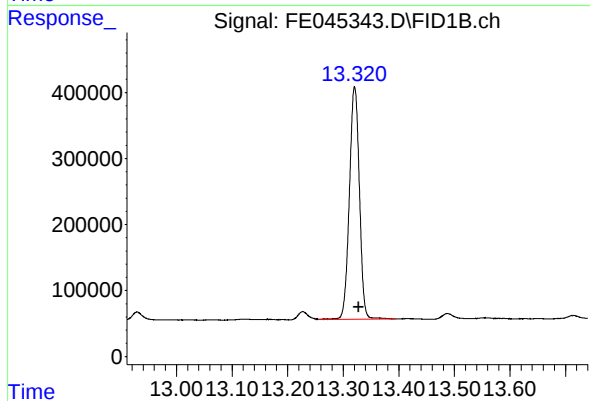
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: -0.010 min
Response: 124726
Conc: 0.79 ug/ml



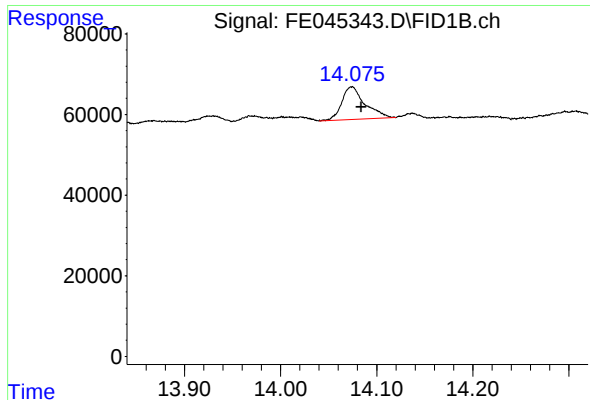
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: -0.009 min
Response: 118243
Conc: 0.77 ug/ml



#12 1-chlorooctadecane (SURR)

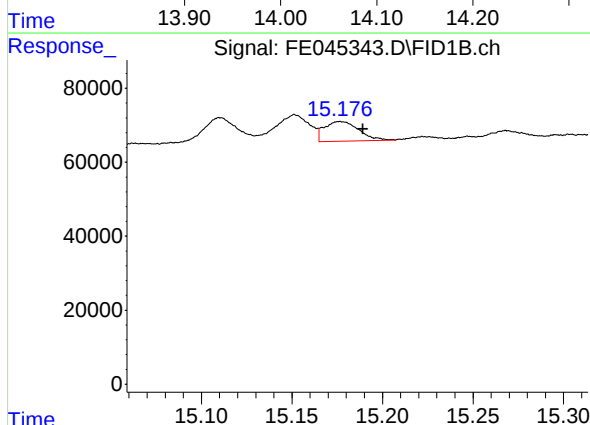
R.T.: 13.321 min
Delta R.T.: -0.008 min
Response: 4415815
Conc: 32.06 ug/ml



#13 n-Docosane (C22)

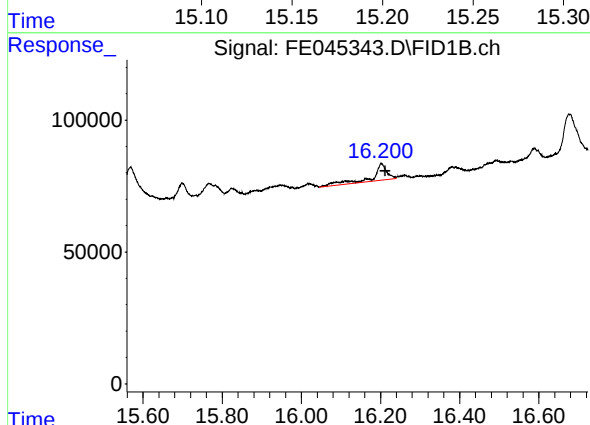
R.T.: 14.074 min
Delta R.T.: -0.010 min
Response: 135335
Conc: 0.89 ug/ml

Instrument :
FID_E
ClientSampleId :



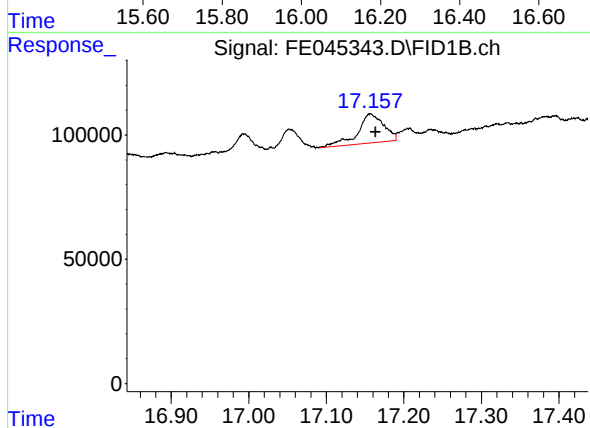
#14 n-Tetracosane (C24)

R.T.: 15.177 min
Delta R.T.: -0.013 min
Response: 70216
Conc: 0.47 ug/ml



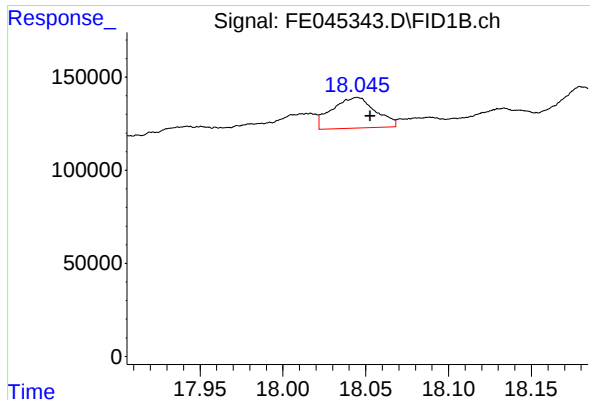
#15 n-Hexacosane (C26)

R.T.: 16.202 min
Delta R.T.: -0.010 min
Response: 163416
Conc: 1.12 ug/ml



#16 n-Octacosane (C28)

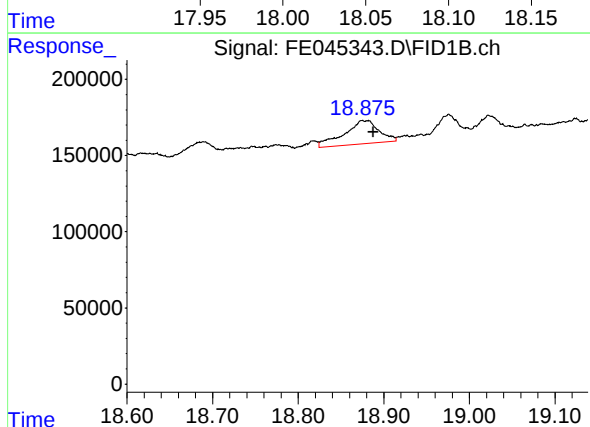
R.T.: 17.157 min
Delta R.T.: -0.007 min
Response: 274227
Conc: 1.88 ug/ml



#17 n-Tricontane (C30)

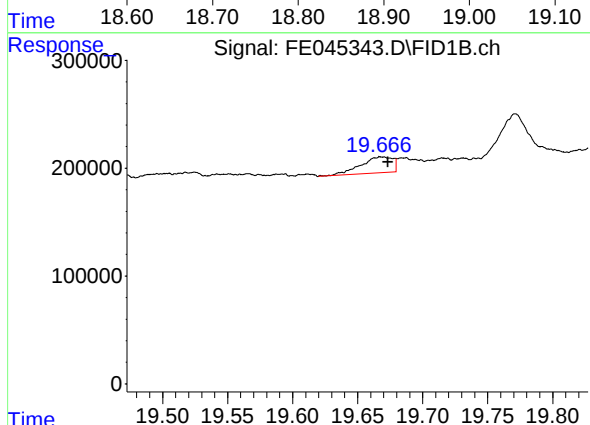
R.T.: 18.045 min
Delta R.T.: -0.008 min
Response: 302090
Conc: 1.99 ug/ml

Instrument :
FID_E
ClientSampleId :



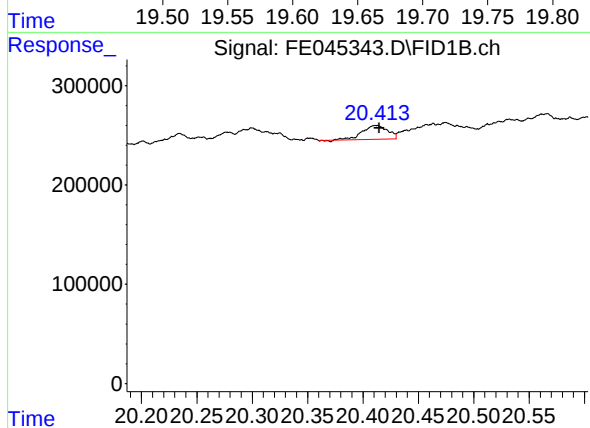
#18 n-Dotriacontane (C32)

R.T.: 18.875 min
Delta R.T.: -0.013 min
Response: 431460
Conc: 2.76 ug/ml



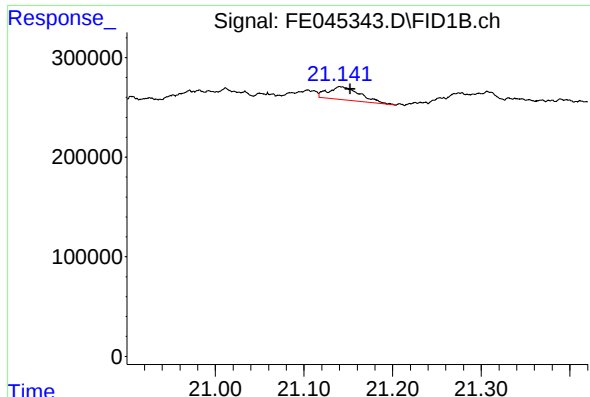
#19 n-Tetratriacontane (C34)

R.T.: 19.669 min
Delta R.T.: -0.005 min
Response: 248933
Conc: 1.59 ug/ml



#20 n-Hexatriacontane (C36)

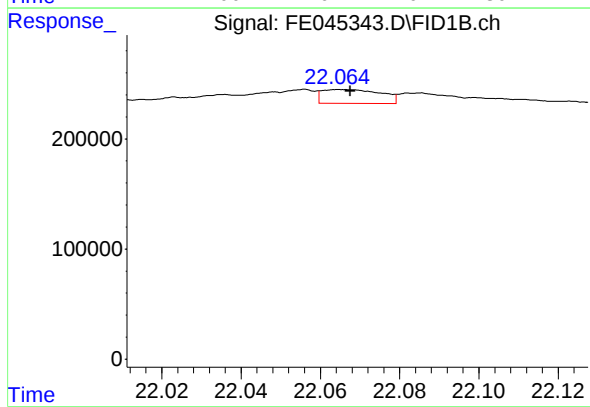
R.T.: 20.412 min
Delta R.T.: -0.003 min
Response: 222323
Conc: 1.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.141 min
Delta R.T.: -0.012 min
Response: 328209
Conc: 1.98 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.066 min
Delta R.T.: -0.002 min
Response: 129521
Conc: 0.76 ug/ml