

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111323AL\
 Data File : FE045324.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2023 22:45
 Operator : YP\AJ
 Sample : 05380-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 14 01:09:31 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)	11.877	4655393	24.383 ug/ml
Spiked Amount 50.000		Recovery =	48.77%
12) S 1-chlorooctadecane (S...	13.319	4108077	29.825 ug/ml
Spiked Amount 50.000		Recovery =	59.65%
Target Compounds			
1) T n-Nonane (C9)	3.210f	59933	0.363 ug/ml
6) T n-Tetradecane (C14)	8.476	1211682	7.270 ug/ml
7) T n-Hexadecane (C16)	10.125	107516	0.639 ug/ml
8) T n-Octadecane (C18)	11.643f	125302	0.749 ug/ml
10) T n-Eicosane (C20)	12.873	428044	2.702 ug/ml
11) T n-Heneicosane (C21)	13.495	321047	2.088 ug/ml
13) T n-Docosane (C22)	14.092	677728	4.473 ug/ml
14) T n-Tetracosane (C24)	15.223	200195	1.352 ug/ml
15) T n-Hexacosane (C26)	16.211	329508	2.261 ug/ml
16) T n-Octacosane (C28)	17.154	766401	5.245 ug/ml
17) T n-Tricontane (C30)	18.045	184317	1.213 ug/ml
18) T n-Dotriacontane (C32)	18.870	119720	0.766 ug/ml
19) T n-Tetratriacontane (C34)	19.656	71530	0.458 ug/ml
20) T n-Hexatriacontane (C36)	20.479f	73916	0.455 ug/ml
21) T n-Octatriacontane (C38)	21.104	212618	1.280 ug/ml
22) T n-Tetracontane (C40)	22.034	105612	0.618 ug/ml

(f)=RT Delta > 1/2 Window

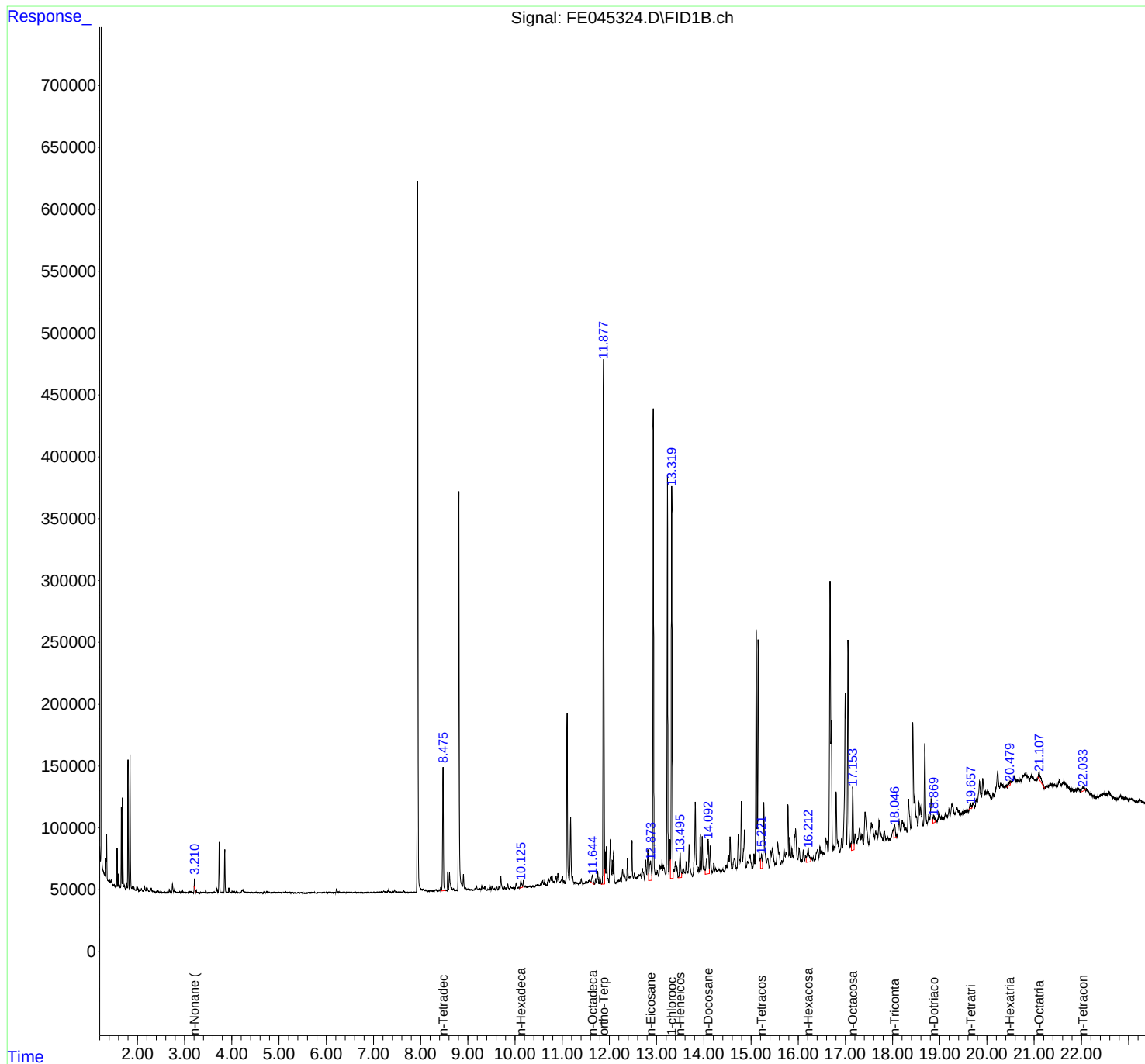
(m)=manual int.

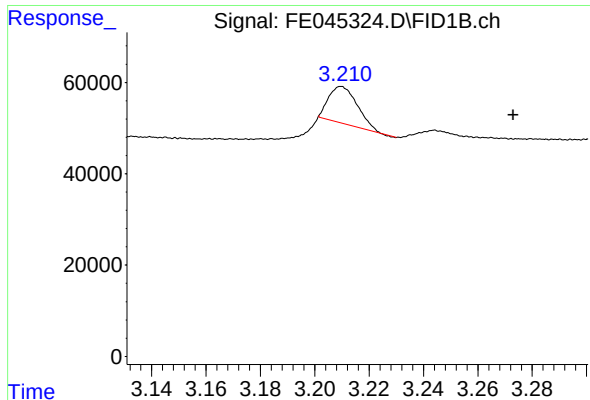
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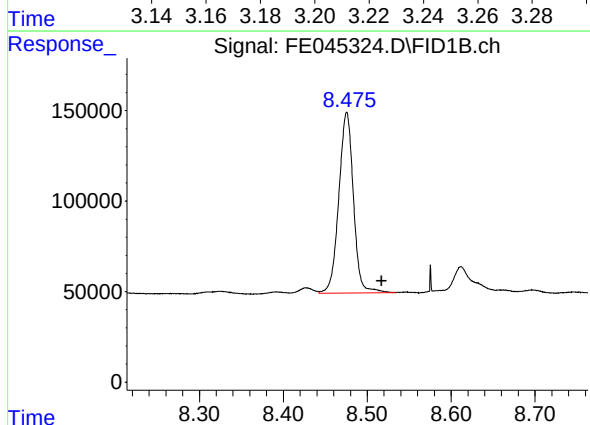




#1 n-Nonane (C9)

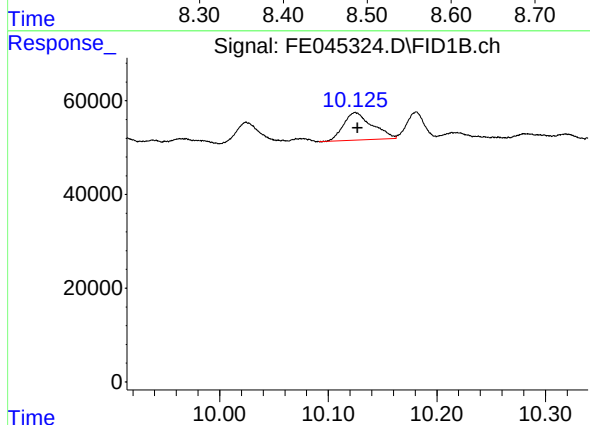
R.T.: 3.210 min
Delta R.T.: -0.063 min
Response: 59933
Conc: 0.36 ug/ml

Instrument :
FID_E
ClientSampleId :



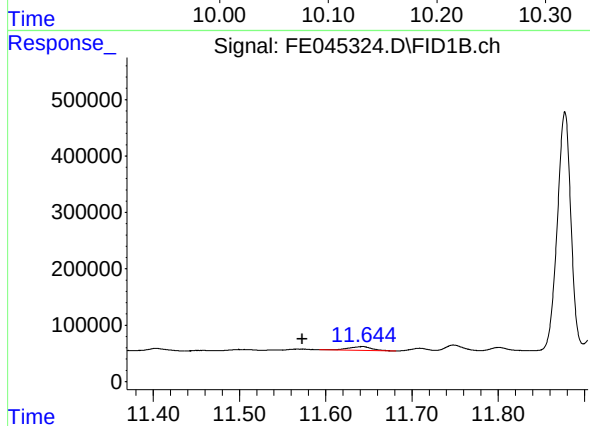
#6 n-Tetradecane (C14)

R.T.: 8.476 min
Delta R.T.: -0.042 min
Response: 1211682
Conc: 7.27 ug/ml



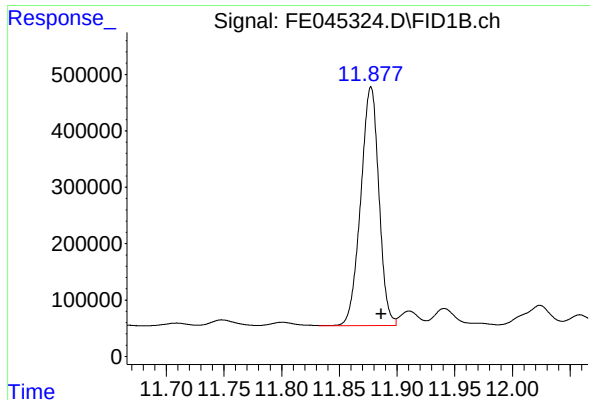
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.002 min
Response: 107516
Conc: 0.64 ug/ml



#8 n-Octadecane (C18)

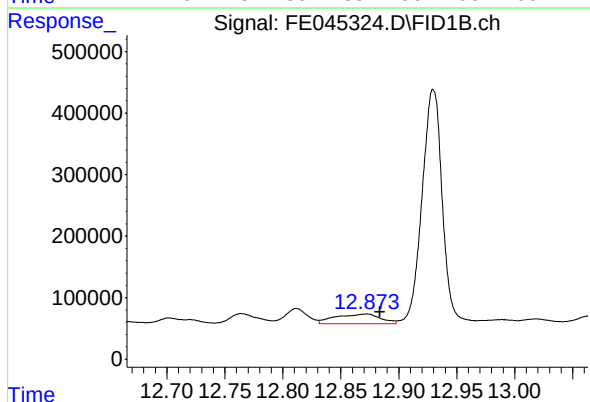
R.T.: 11.643 min
Delta R.T.: 0.070 min
Response: 125302
Conc: 0.75 ug/ml



#9 ortho-Terphenyl (SURR)

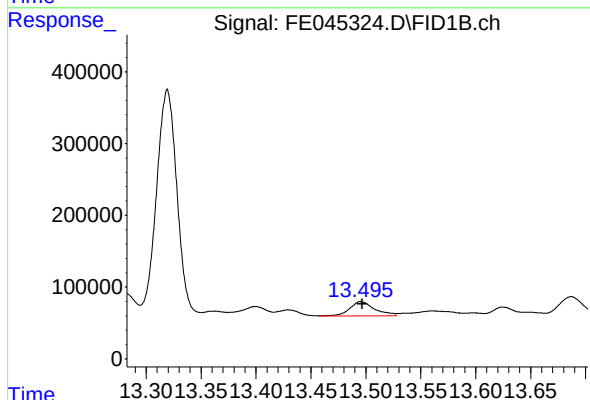
R.T.: 11.877 min
Delta R.T.: -0.009 min
Response: 4655393
Conc: 24.38 ug/ml

Instrument :
FID_E
ClientSampleId :



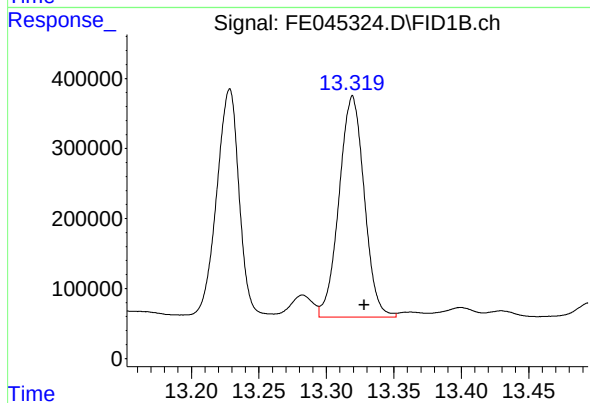
#10 n-Eicosane (C20)

R.T.: 12.873 min
Delta R.T.: -0.011 min
Response: 428044
Conc: 2.70 ug/ml



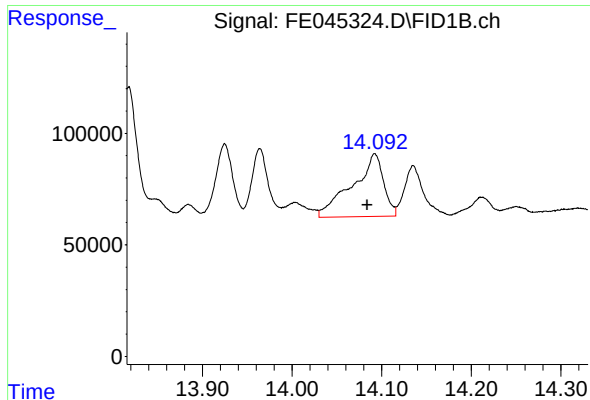
#11 n-Heneicosane (C21)

R.T.: 13.495 min
Delta R.T.: -0.001 min
Response: 321047
Conc: 2.09 ug/ml



#12 1-chlorooctadecane (SURR)

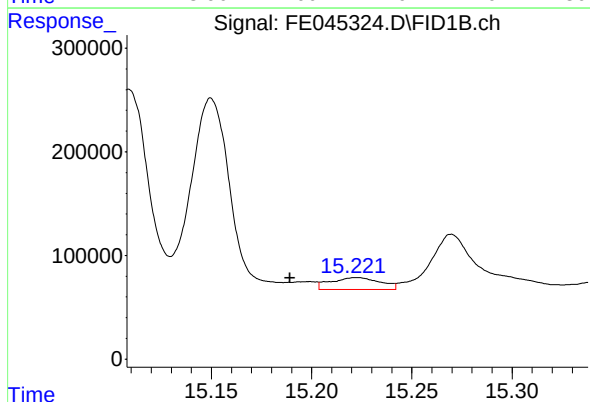
R.T.: 13.319 min
Delta R.T.: -0.009 min
Response: 4108077
Conc: 29.83 ug/ml



#13 n-Docosane (C22)

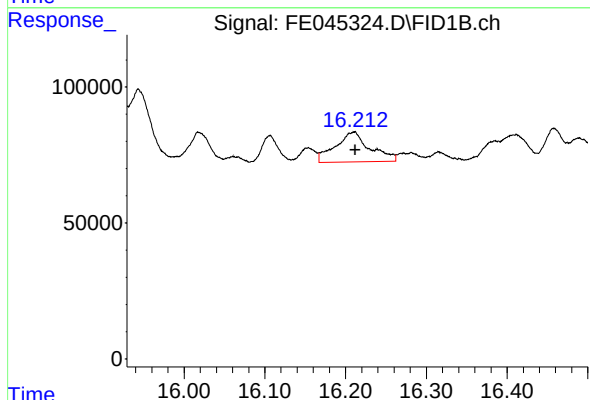
R.T.: 14.092 min
Delta R.T.: 0.008 min
Response: 677728
Conc: 4.47 ug/ml

Instrument :
FID_E
ClientSampleId :



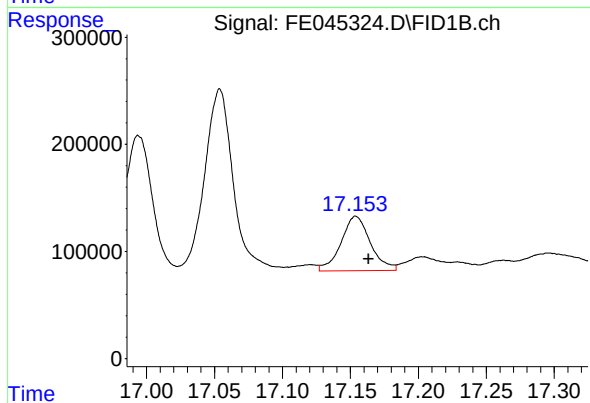
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: 0.033 min
Response: 200195
Conc: 1.35 ug/ml



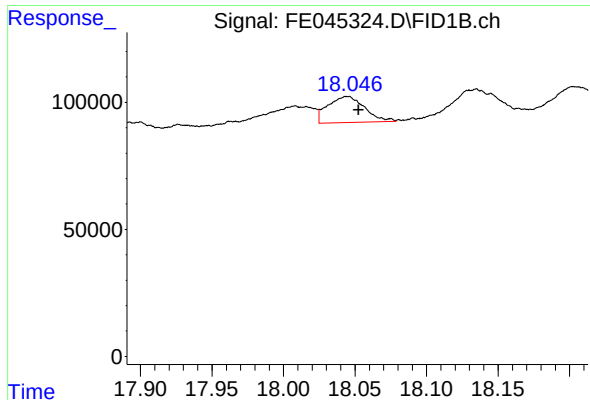
#15 n-Hexacosane (C26)

R.T.: 16.211 min
Delta R.T.: 0.000 min
Response: 329508
Conc: 2.26 ug/ml



#16 n-Octacosane (C28)

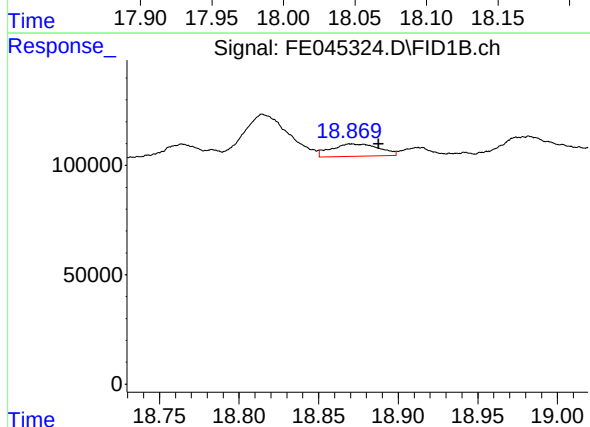
R.T.: 17.154 min
Delta R.T.: -0.010 min
Response: 766401
Conc: 5.24 ug/ml



#17 n-Tricontane (C30)

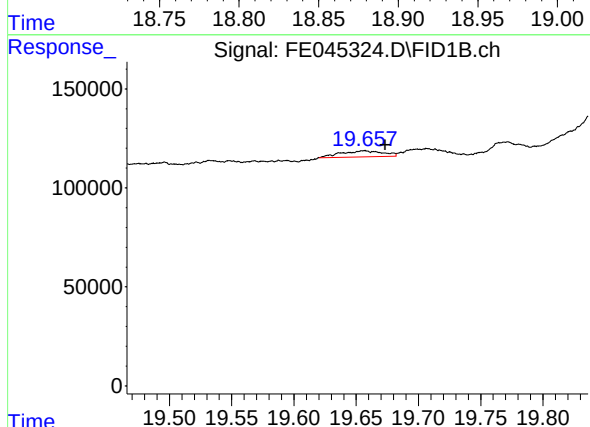
R.T.: 18.045 min
Delta R.T.: -0.008 min
Response: 184317
Conc: 1.21 ug/ml

Instrument :
FID_E
ClientSampleId :



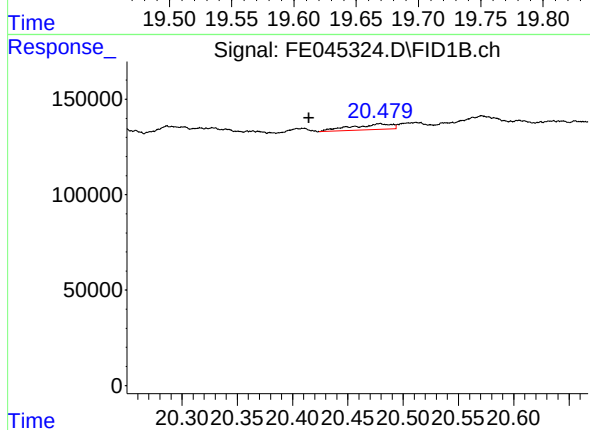
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: -0.017 min
Response: 119720
Conc: 0.77 ug/ml



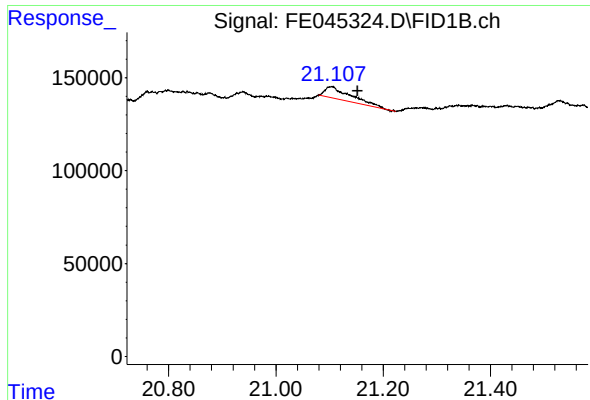
#19 n-Tetratriacontane (C34)

R.T.: 19.656 min
Delta R.T.: -0.017 min
Response: 71530
Conc: 0.46 ug/ml



#20 n-Hexatriacontane (C36)

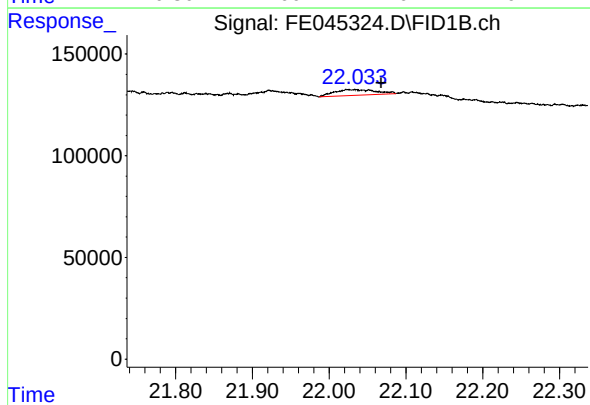
R.T.: 20.479 min
Delta R.T.: 0.064 min
Response: 73916
Conc: 0.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.048 min
Response: 212618
Conc: 1.28 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.034 min
Delta R.T.: -0.033 min
Response: 105612
Conc: 0.62 ug/ml