

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120823AL\
 Data File : FE045738.D
 Signal(s) : FID1B.ch
 Acq On : 08 Dec 2023 16:32
 Operator : YP\AJ
 Sample : 05692-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 08 22:43:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.860	3402229	16.270 ug/ml
Spiked Amount 50.000		Recovery =	32.54%
12) S 1-chlorooctadecane (S...	13.303	2543795	16.167 ug/ml
Spiked Amount 50.000		Recovery =	32.33%
Target Compounds			
6) T n-Tetradecane (C14)	8.490	69352	0.432 ug/ml
7) T n-Hexadecane (C16)	10.100	214675	1.296 ug/ml
8) T n-Octadecane (C18)	11.545	241525	1.409 ug/ml
10) T n-Eicosane (C20)	12.858	256446	1.482 ug/ml
11) T n-Heneicosane (C21)	13.471	143041	0.831 ug/ml
13) T n-Docosane (C22)	14.059	237453	1.377 ug/ml
14) T n-Tetracosane (C24)	15.154	251675	1.442 ug/ml
15) T n-Hexacosane (C26)	16.192	211403	1.214 ug/ml
16) T n-Octacosane (C28)	17.152	398521	2.306 ug/ml
17) T n-Tricontane (C30)	18.034	487920	2.789 ug/ml
18) T n-Dotriacontane (C32)	18.866	609279	3.340 ug/ml
19) T n-Tetratriacontane (C34)	19.656	199166	1.200 ug/ml
20) T n-Hexatriacontane (C36)	20.417	467143	2.943 ug/ml
21) T n-Octatriacontane (C38)	21.119	24766	0.158 ug/ml
22) T n-Tetracontane (C40)	22.048	42825	0.301 ug/ml

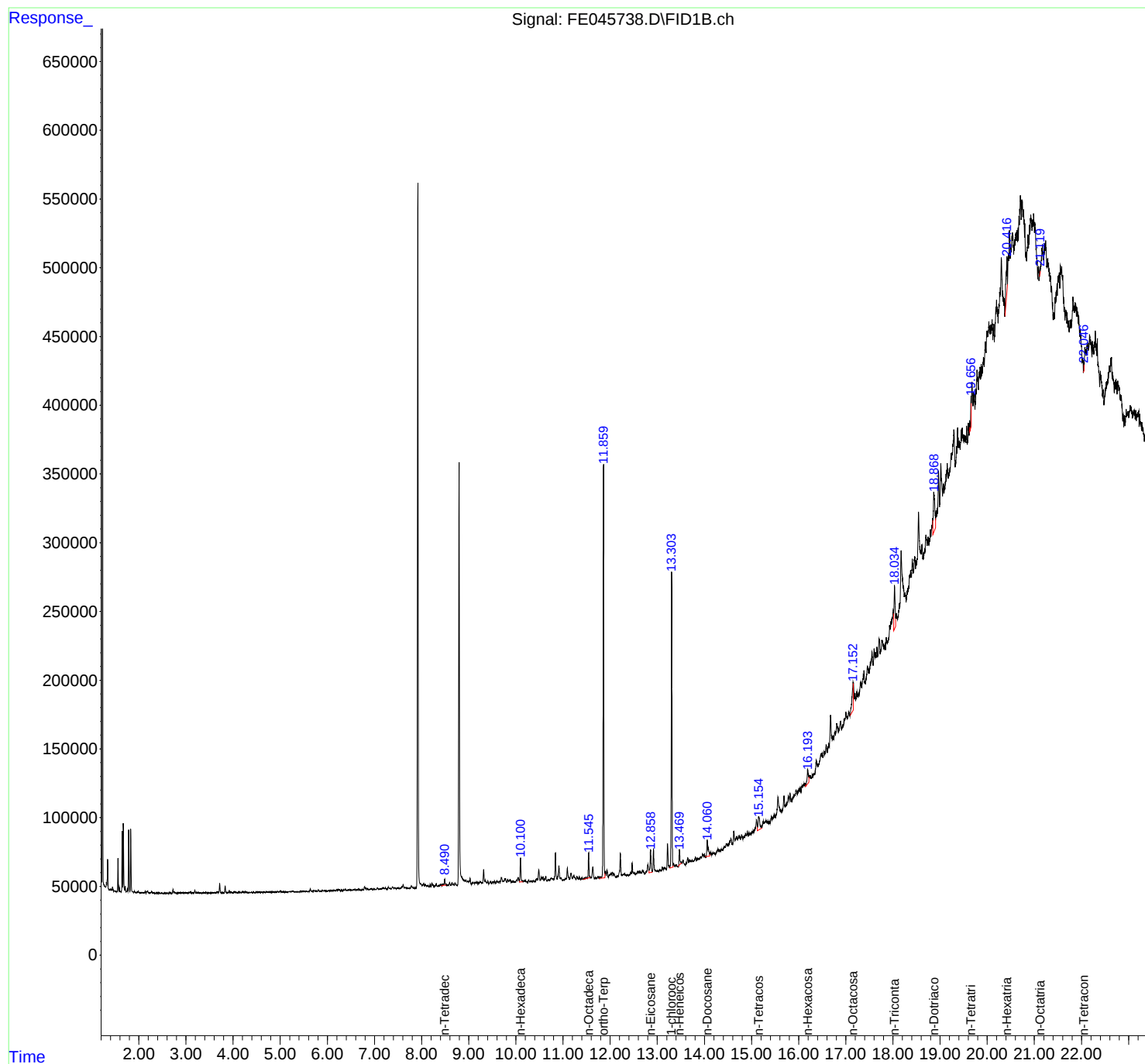
(f)=RT Delta > 1/2 Window

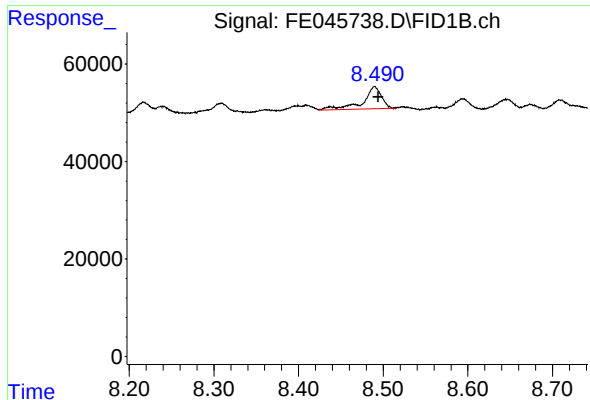
(m)=manual int.

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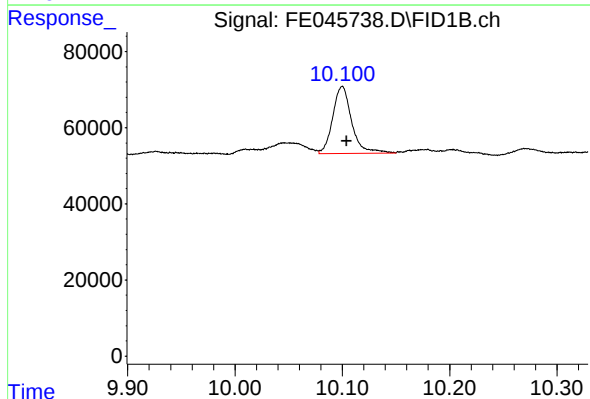
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





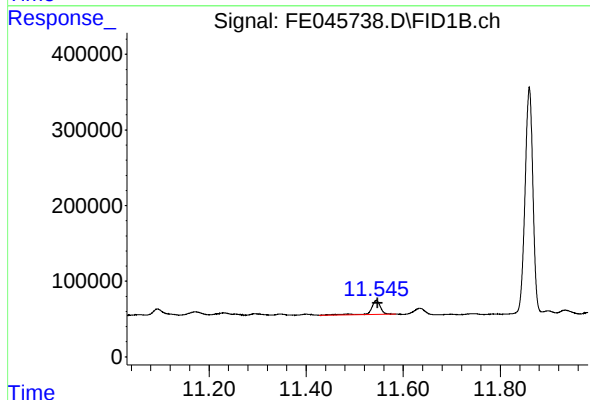
#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: -0.004 min
Response: 69352
Conc: 0.43 ug/ml



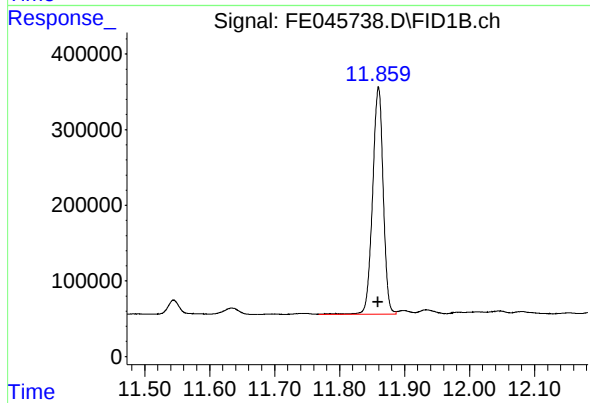
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.004 min
Response: 214675
Conc: 1.30 ug/ml



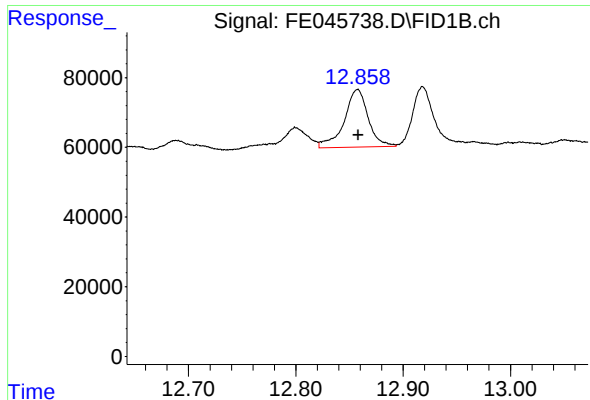
#8 n-Octadecane (C18)

R.T.: 11.545 min
Delta R.T.: -0.003 min
Response: 241525
Conc: 1.41 ug/ml



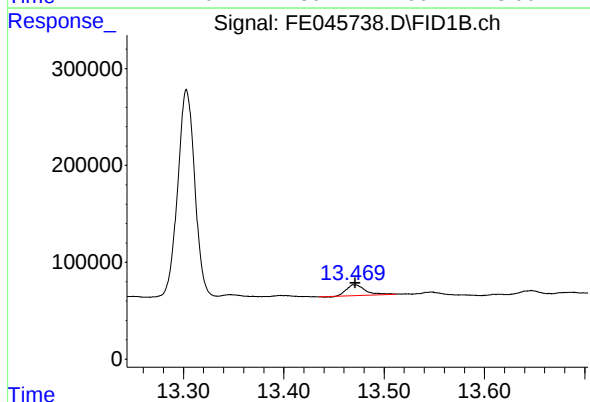
#9 ortho-Terphenyl (SURR)

R.T.: 11.860 min
Delta R.T.: 0.000 min
Response: 3402229
Conc: 16.27 ug/ml



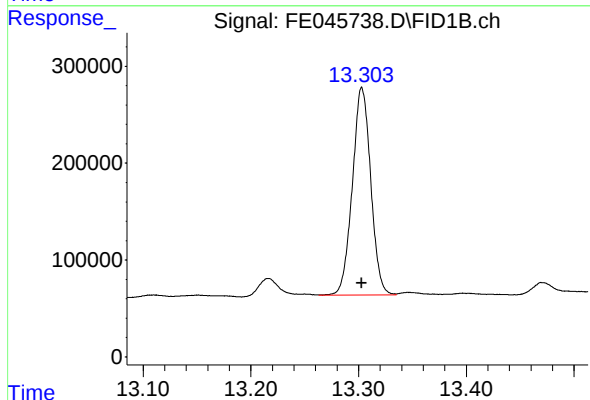
#10 n-Eicosane (C20)

R.T.: 12.858 min
Delta R.T.: 0.000 min
Response: 256446
Conc: 1.48 ug/ml



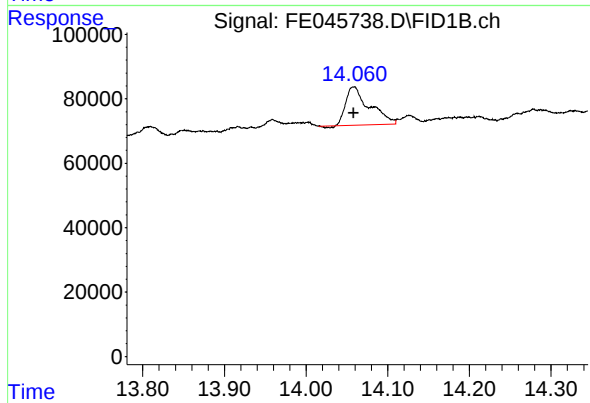
#11 n-Heneicosane (C21)

R.T.: 13.471 min
Delta R.T.: 0.000 min
Response: 143041
Conc: 0.83 ug/ml



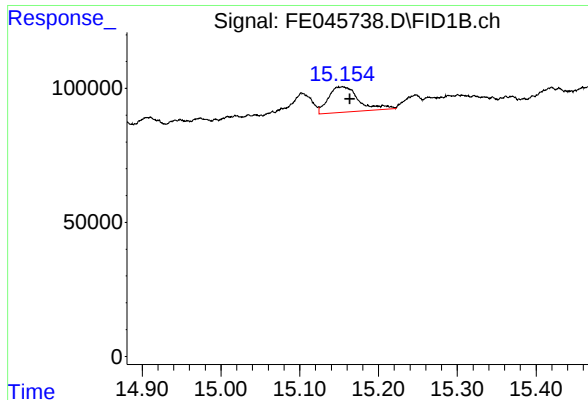
#12 1-chlorooctadecane (SURR)

R.T.: 13.303 min
Delta R.T.: 0.000 min
Response: 2543795
Conc: 16.17 ug/ml



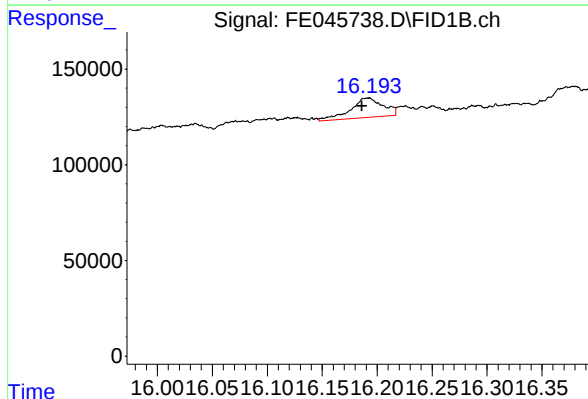
#13 n-Docosane (C22)

R.T.: 14.059 min
Delta R.T.: 0.000 min
Response: 237453
Conc: 1.38 ug/ml



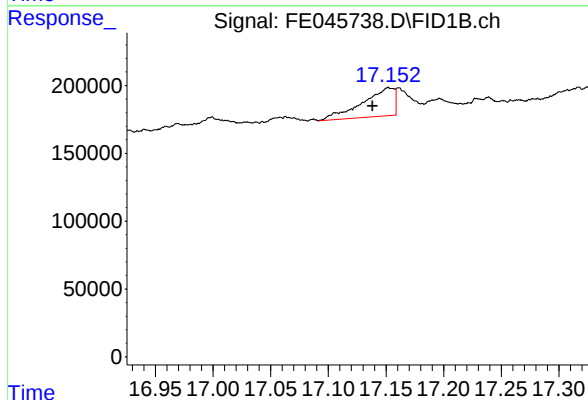
#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: -0.010 min
Response: 251675
Conc: 1.44 ug/ml



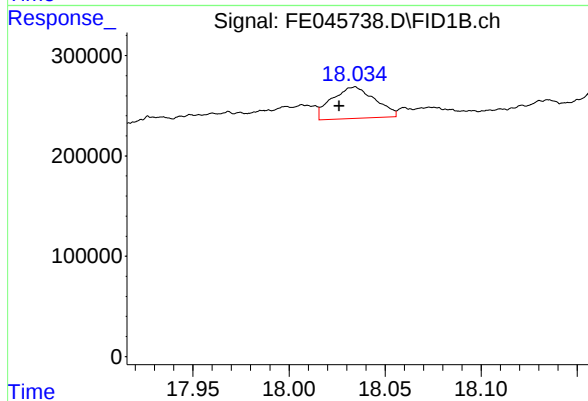
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: 0.006 min
Response: 211403
Conc: 1.21 ug/ml



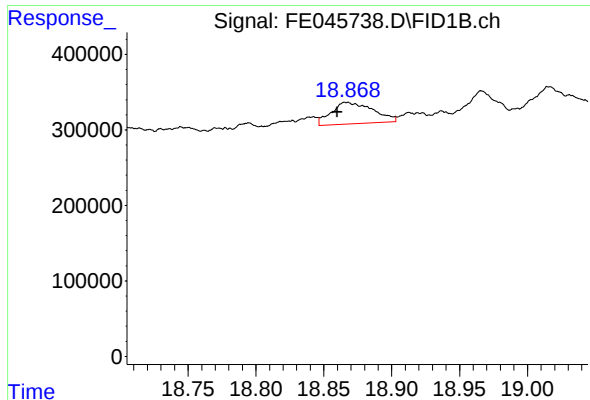
#16 n-Octacosane (C28)

R.T.: 17.152 min
Delta R.T.: 0.014 min
Response: 398521
Conc: 2.31 ug/ml



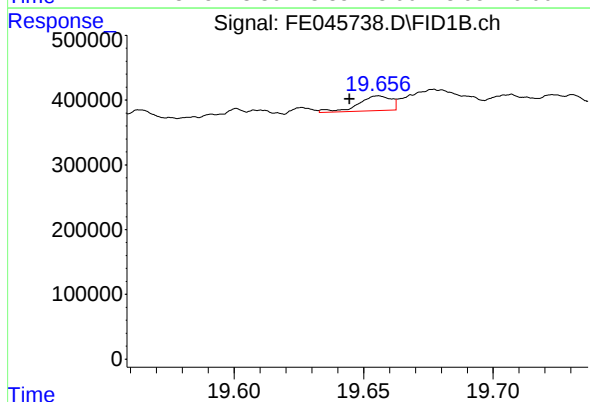
#17 n-Tricontane (C30)

R.T.: 18.034 min
Delta R.T.: 0.008 min
Response: 487920
Conc: 2.79 ug/ml



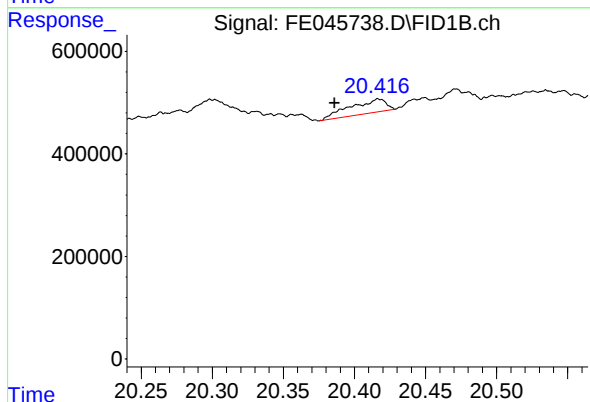
#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: 0.006 min
Response: 609279
Conc: 3.34 ug/ml



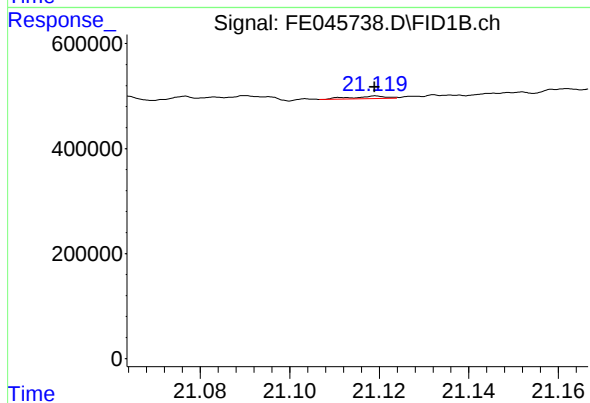
#19 n-Tetratriacontane (C34)

R.T.: 19.656 min
Delta R.T.: 0.011 min
Response: 199166
Conc: 1.20 ug/ml



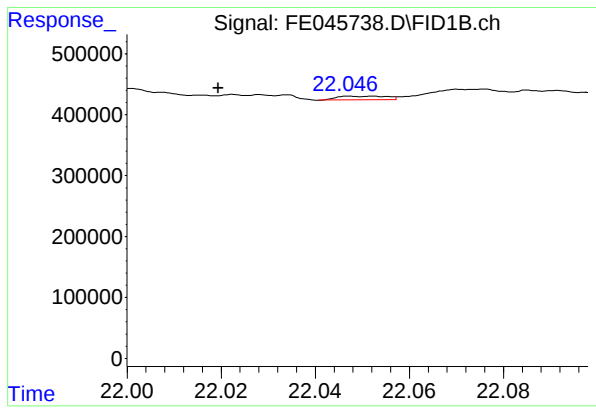
#20 n-Hexatriacontane (C36)

R.T.: 20.417 min
Delta R.T.: 0.031 min
Response: 467143
Conc: 2.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.119 min
Delta R.T.: 0.000 min
Response: 24766
Conc: 0.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.048 min
Delta R.T.: 0.029 min
Response: 42825
Conc: 0.30 ug/ml