

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031924AL\
 Data File : FE047214.D
 Signal(s) : FID1B.ch
 Acq On : 19 Mar 2024 16:55
 Operator : YP\AJ
 Sample : P1791-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 20 01:23:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 14 01:54:27 2024
 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)	11.976	4471927	27.104 ug/ml
Spiked Amount 50.000		Recovery =	54.21%
12) S 1-chlorooctadecane (S...	13.408	4066622	31.895 ug/ml
Spiked Amount 50.000		Recovery =	63.79%
Target Compounds			
1) T n-Nonane (C9)	3.310f	18959	0.126 ug/ml
6) T n-Tetradecane (C14)	8.606	21417	0.141 ug/ml
7) T n-Hexadecane (C16)	10.211	39836	0.253 ug/ml
8) T n-Octadecane (C18)	11.654	52306	0.328 ug/ml
10) T n-Eicosane (C20)	12.962	46644	0.303 ug/ml
11) T n-Heneicosane (C21)	13.583	105210	0.695 ug/ml
13) T n-Docosane (C22)	14.162	103684	0.689 ug/ml
14) T n-Tetracosane (C24)	15.260	43275	0.290 ug/ml
15) T n-Hexacosane (C26)	16.280	117541	0.807 ug/ml
16) T n-Octacosane (C28)	17.227	153106	1.085 ug/ml
17) T n-Tricontane (C30)	18.117	426296	3.016 ug/ml
18) T n-Dotriacontane (C32)	18.941	364135	2.640 ug/ml
19) T n-Tetratriacontane (C34)	19.736	190372	1.458 ug/ml
20) T n-Hexatriacontane (C36)	20.474	236705	1.900 ug/ml
21) T n-Octatriacontane (C38)	21.192	123793	0.997 ug/ml
22) T n-Tetracontane (C40)	22.148	426820	3.629 ug/ml

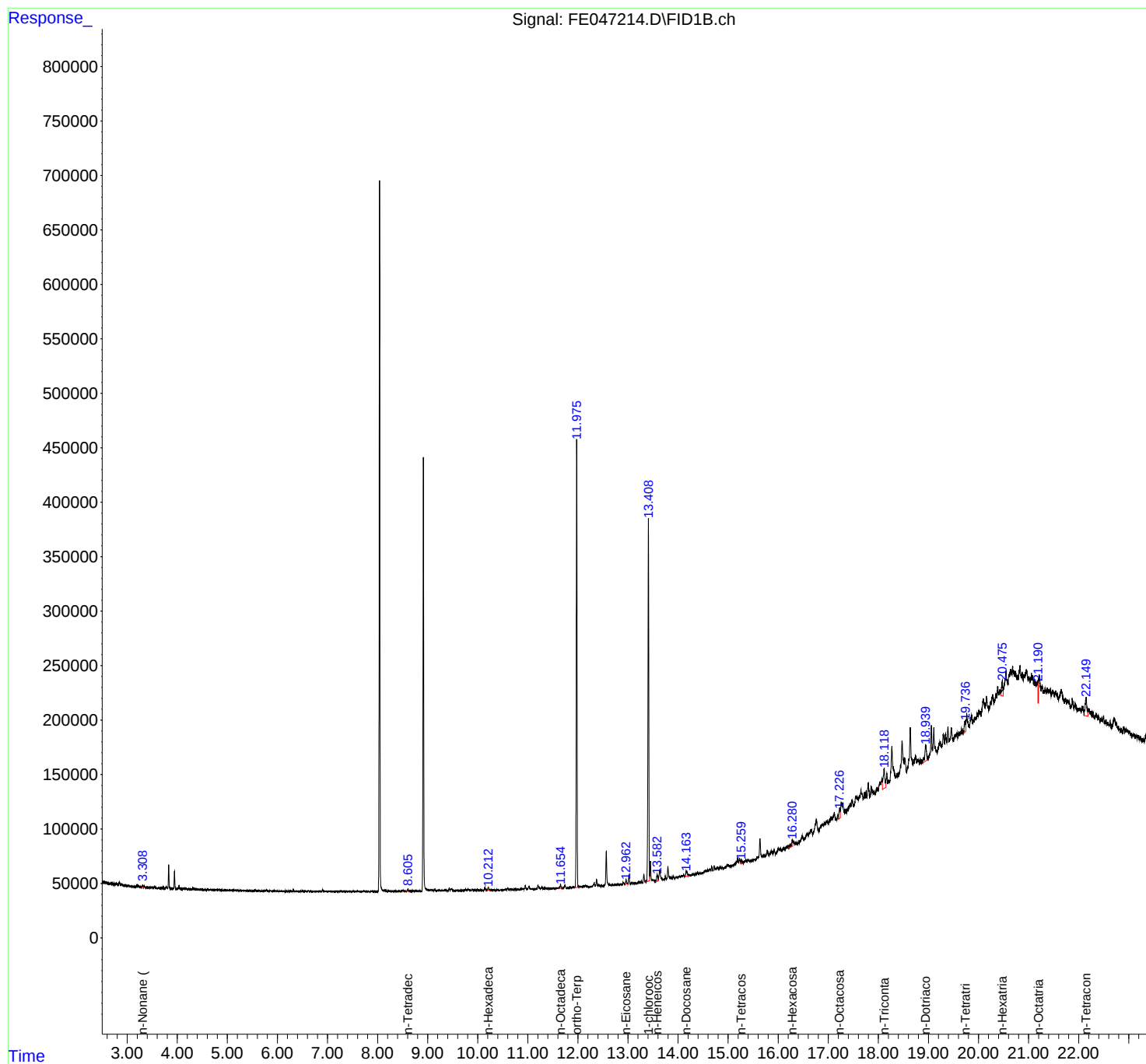
(f)=RT Delta > 1/2 Window

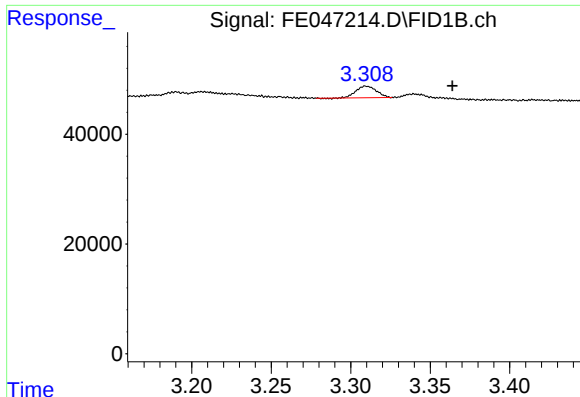
(m)=manual int.

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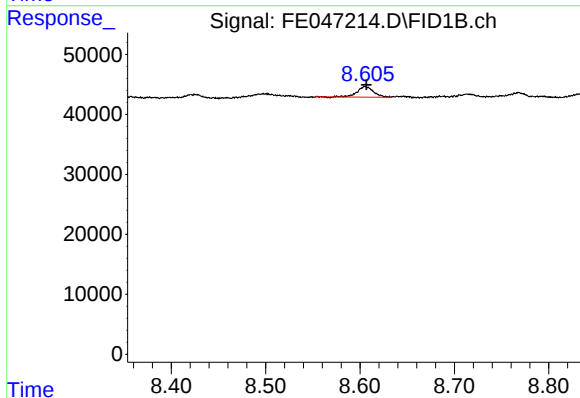
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





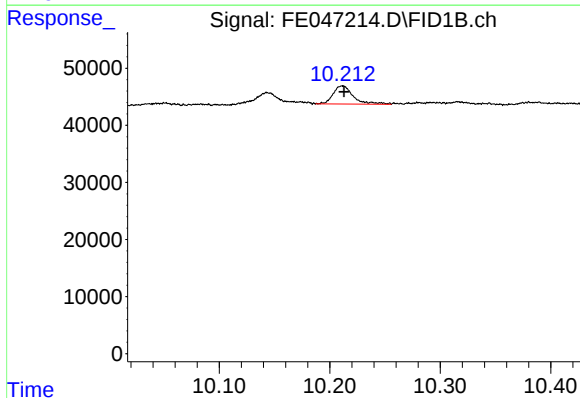
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.054 min
Response: 18959
Conc: 0.13 ug/ml



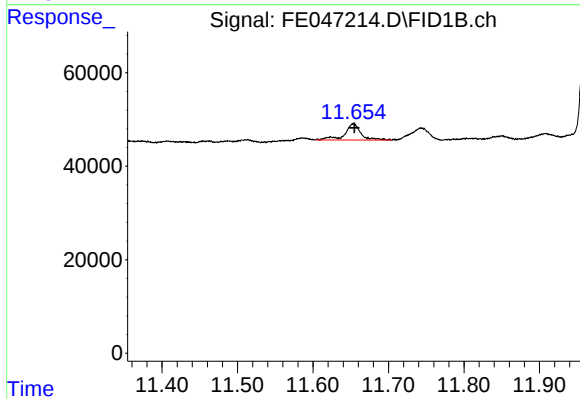
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: -0.001 min
Response: 21417
Conc: 0.14 ug/ml



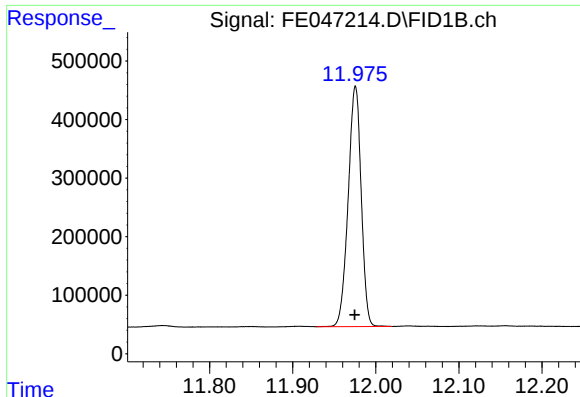
#7 n-Hexadecane (C16)

R.T.: 10.211 min
Delta R.T.: -0.002 min
Response: 39836
Conc: 0.25 ug/ml



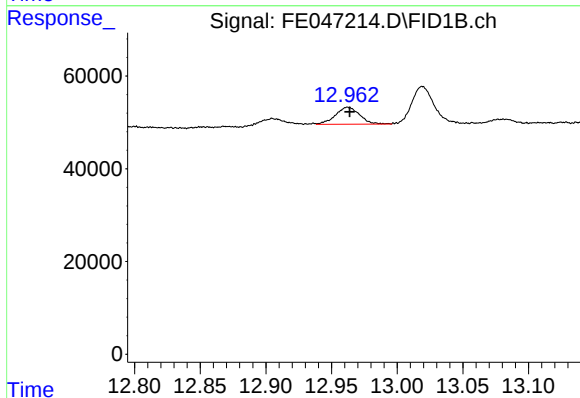
#8 n-Octadecane (C18)

R.T.: 11.654 min
Delta R.T.: -0.001 min
Response: 52306
Conc: 0.33 ug/ml



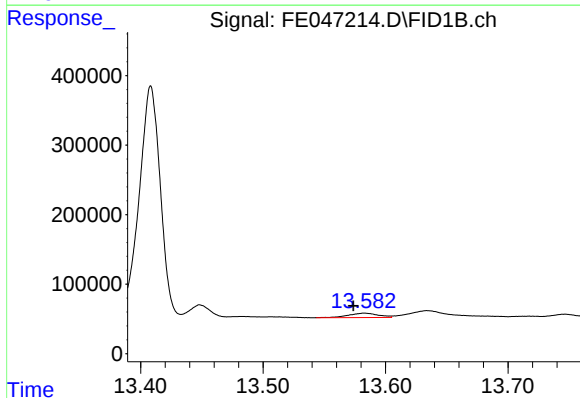
#9 ortho-Terphenyl (SURR)

R.T.: 11.976 min
Delta R.T.: 0.000 min
Response: 4471927
Conc: 27.10 ug/ml



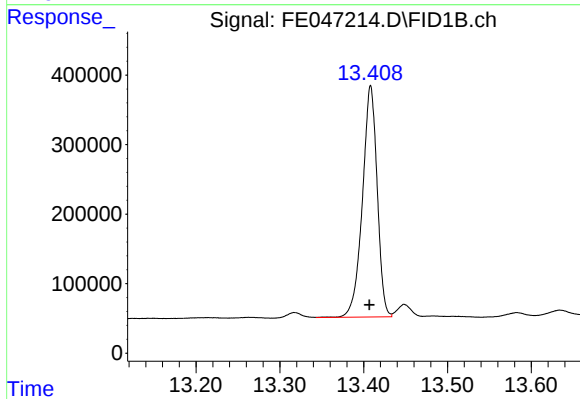
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: -0.002 min
Response: 46644
Conc: 0.30 ug/ml



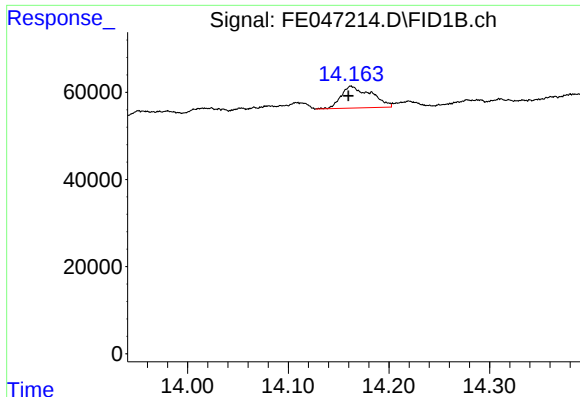
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: 0.009 min
Response: 105210
Conc: 0.70 ug/ml



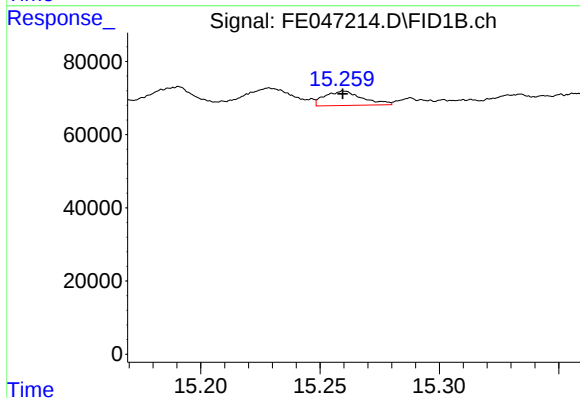
#12 1-chlorooctadecane (SURR)

R.T.: 13.408 min
Delta R.T.: 0.001 min
Response: 4066622
Conc: 31.90 ug/ml



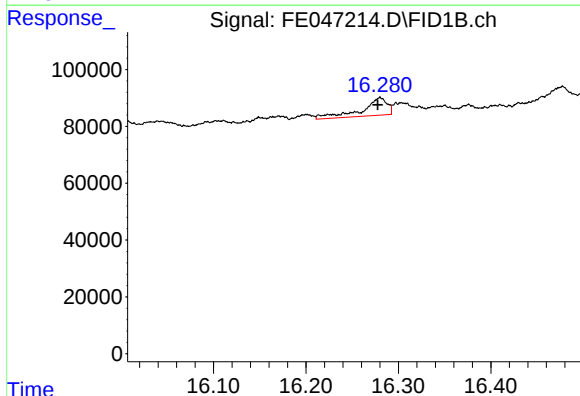
#13 n-Docosane (C22)

R.T.: 14.162 min
Delta R.T.: 0.003 min
Response: 103684
Conc: 0.69 ug/ml



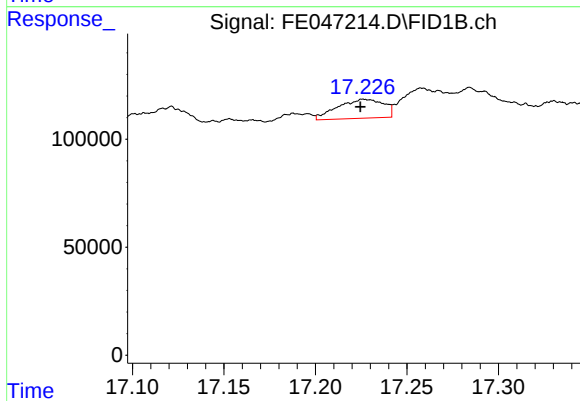
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: 0.000 min
Response: 43275
Conc: 0.29 ug/ml



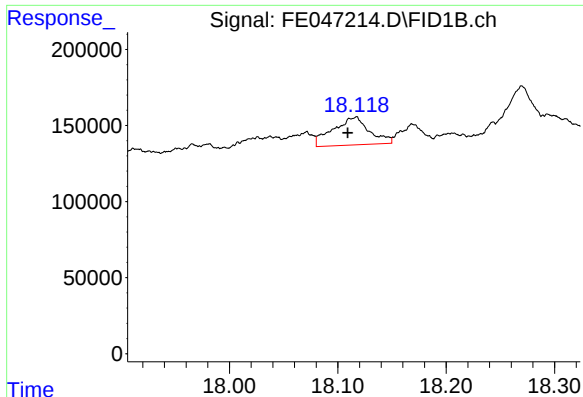
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: 0.002 min
Response: 117541
Conc: 0.81 ug/ml



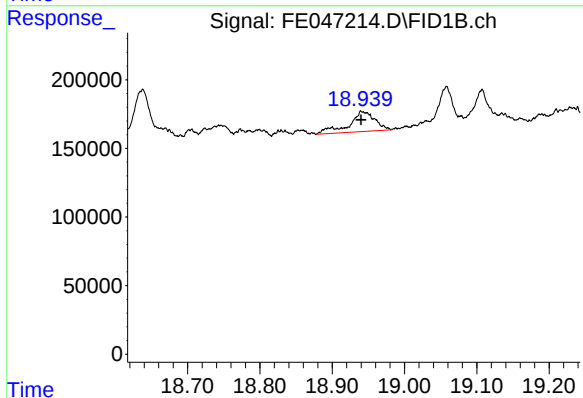
#16 n-Octacosane (C28)

R.T.: 17.227 min
Delta R.T.: 0.002 min
Response: 153106
Conc: 1.09 ug/ml



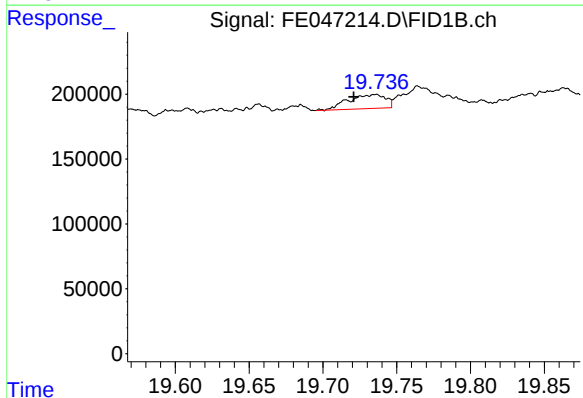
#17 n-Tricontane (C30)

R.T.: 18.117 min
Delta R.T.: 0.008 min
Response: 426296
Conc: 3.02 ug/ml



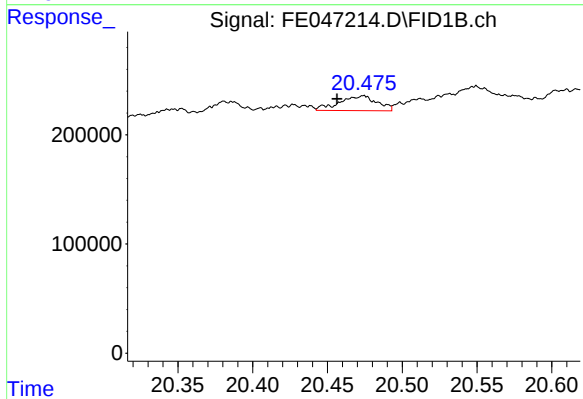
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: 0.000 min
Response: 364135
Conc: 2.64 ug/ml



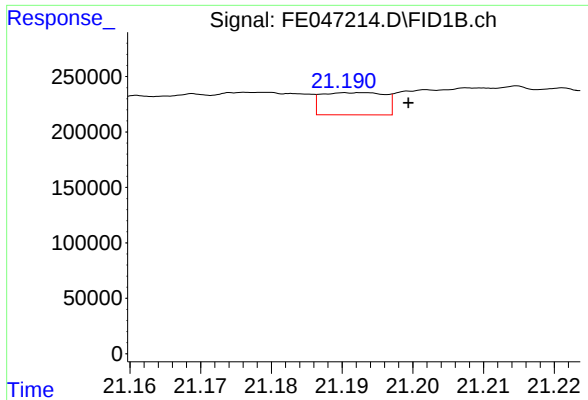
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: 0.015 min
Response: 190372
Conc: 1.46 ug/ml



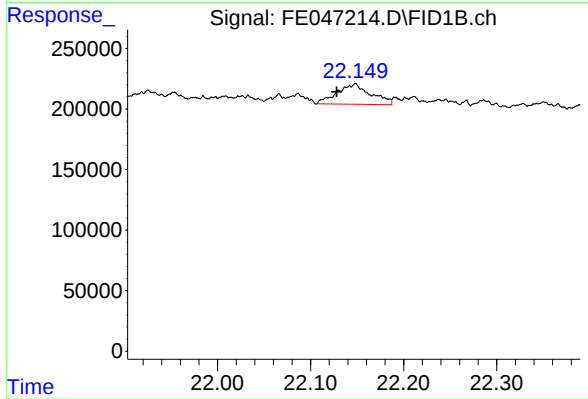
#20 n-Hexatriacontane (C36)

R.T.: 20.474 min
Delta R.T.: 0.018 min
Response: 236705
Conc: 1.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: -0.007 min
Response: 123793
Conc: 1.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.148 min
Delta R.T.: 0.020 min
Response: 426820
Conc: 3.63 ug/ml