

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062224AL\
 Data File : FE048833.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jun 2024 17:00
 Operator : YP\AJ
 Sample : P2997-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 22 00:42:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.936	4672223	27.942 ug/ml
Spiked Amount 50.000		Recovery =	55.88%
12) S 1-chlorooctadecane (S...	13.369	23692080	184.245 ug/ml
Spiked Amount 50.000		Recovery =	368.49%
Target Compounds			
5) T A~2-methylnaphthalene...	7.311f	51315	0.339 ug/ml
6) T n-Tetradecane (C14)	8.563	115639	0.755 ug/ml
7) T n-Hexadecane (C16)	10.171	340665	2.179 ug/ml
8) T n-Octadecane (C18)	11.615	686649	4.305 ug/ml
10) T n-Eicosane (C20)	12.923	722019	4.657 ug/ml
11) T n-Heneicosane (C21)	13.556	1356630	8.910 ug/ml
13) T n-Docosane (C22)	14.120	456395	3.018 ug/ml
14) T n-Tetracosane (C24)	15.207	678370	4.514 ug/ml
15) T n-Hexacosane (C26)	16.244	165251	1.119 ug/ml
16) T n-Octacosane (C28)	17.195	279783	1.940 ug/ml
17) T n-Tricontane (C30)	18.078	322797	2.206 ug/ml
18) T n-Dotriacontane (C32)	18.911	369585	2.585 ug/ml
19) T n-Tetratriacontane (C34)	19.695	220030	1.590 ug/ml
20) T n-Hexatriacontane (C36)	20.432	222192	1.710 ug/ml
21) T n-Octatriacontane (C38)	21.172	171475	1.338 ug/ml
22) T n-Tetracontane (C40)	22.095	490433	4.005 ug/ml

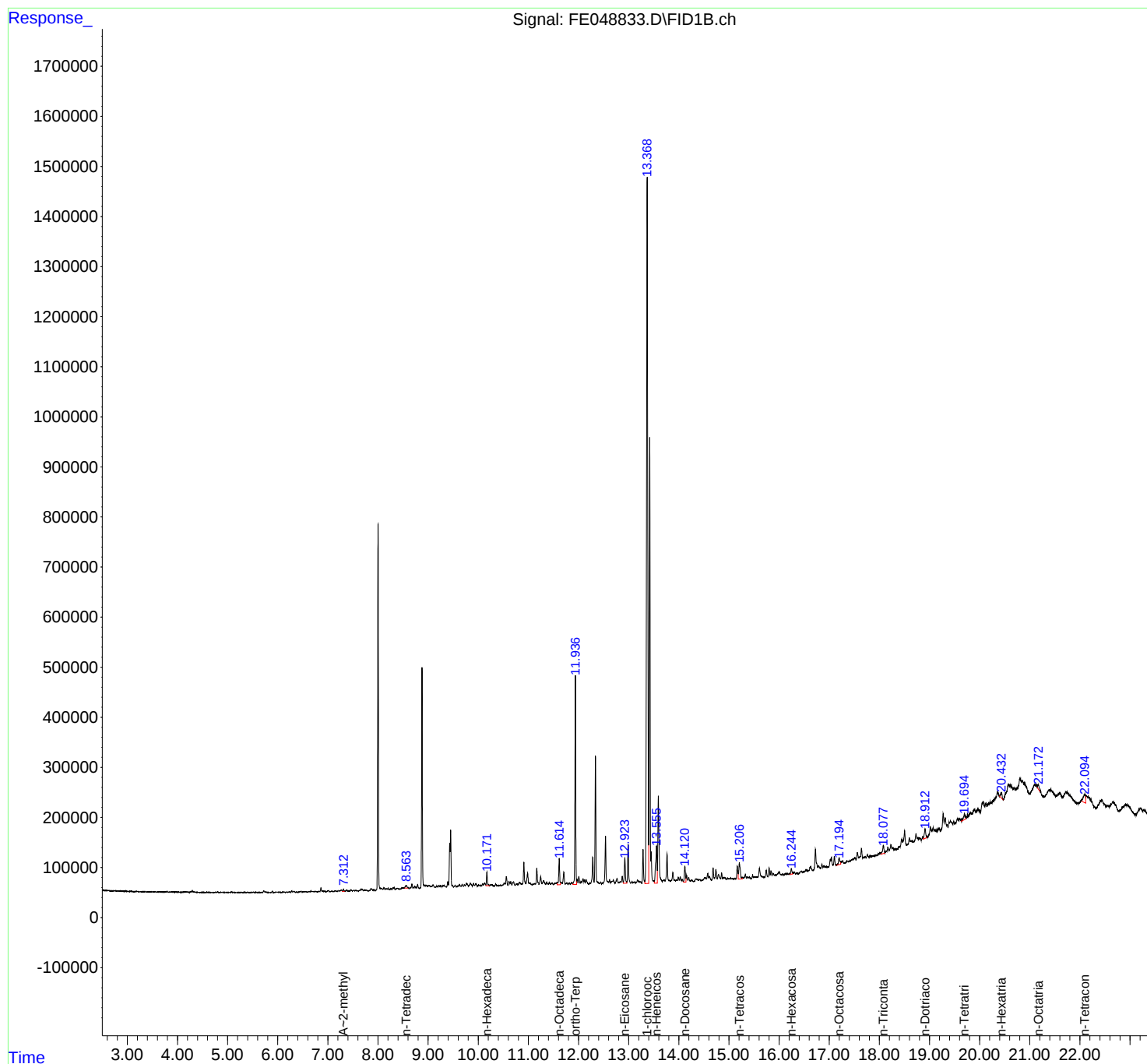
(f)=RT Delta > 1/2 Window

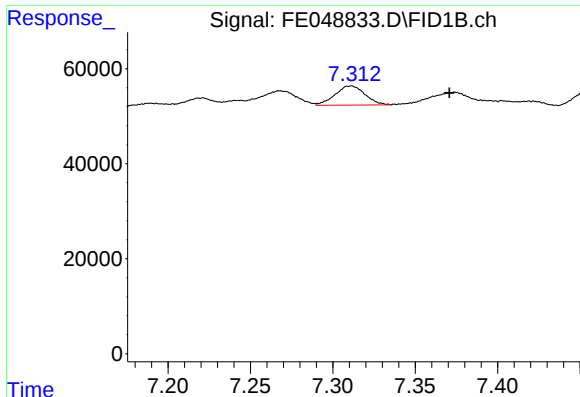
(m)=manual int.

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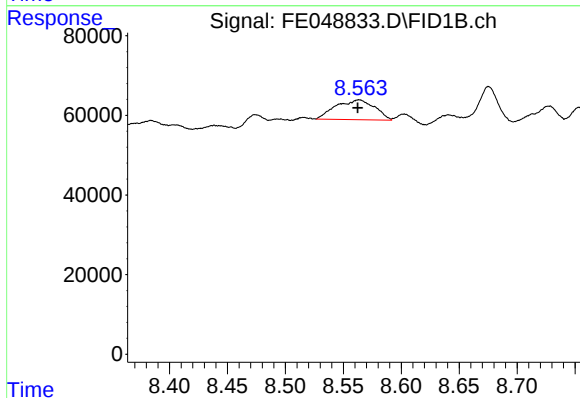
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





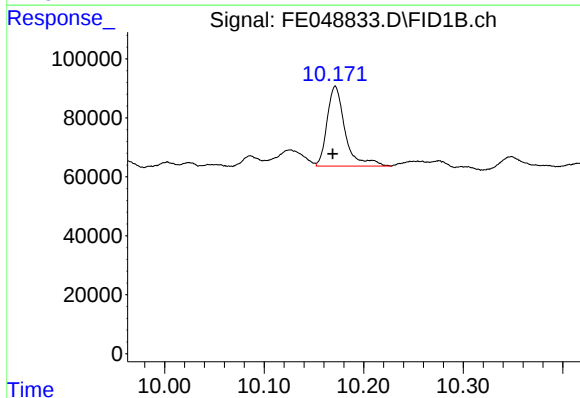
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.311 min
Delta R.T.: -0.059 min
Response: 51315
Conc: 0.34 ug/ml



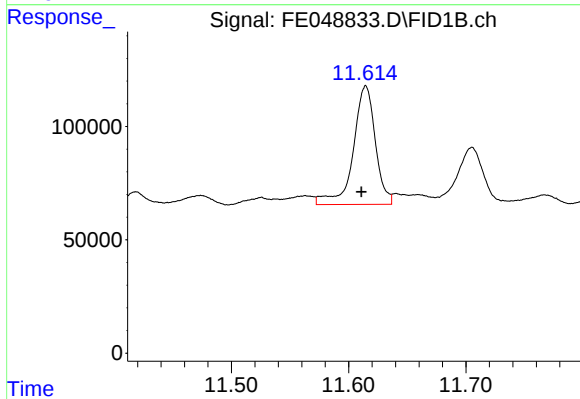
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 115639
Conc: 0.75 ug/ml



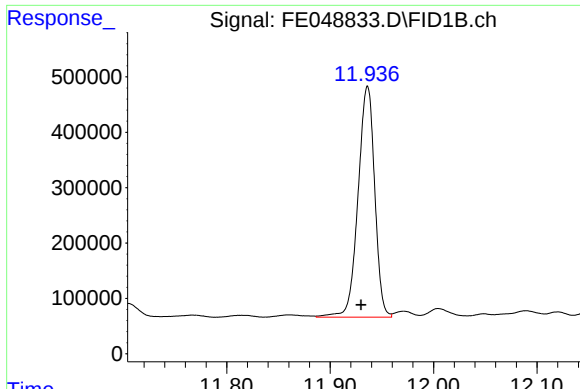
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: 0.003 min
Response: 340665
Conc: 2.18 ug/ml



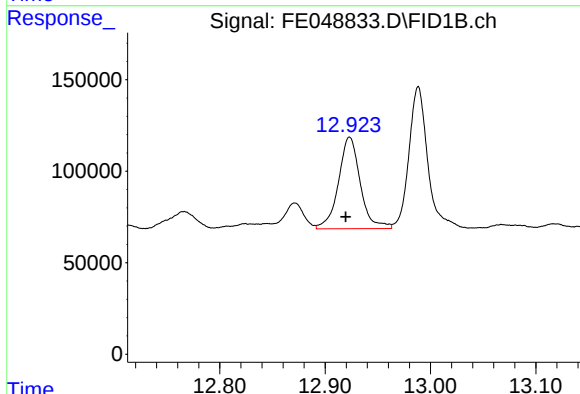
#8 n-Octadecane (C18)

R.T.: 11.615 min
Delta R.T.: 0.004 min
Response: 686649
Conc: 4.31 ug/ml



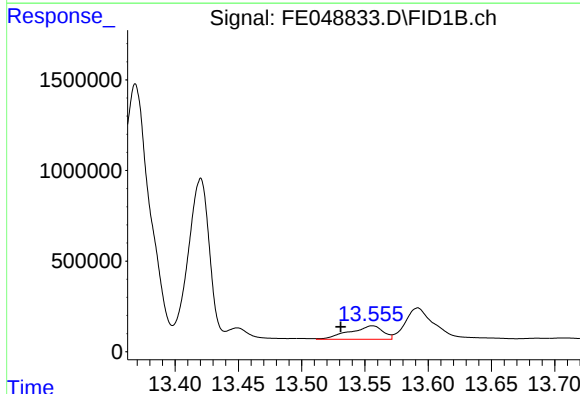
#9 ortho-Terphenyl (SURR)

R.T.: 11.936 min
Delta R.T.: 0.006 min
Response: 4672223
Conc: 27.94 ug/ml



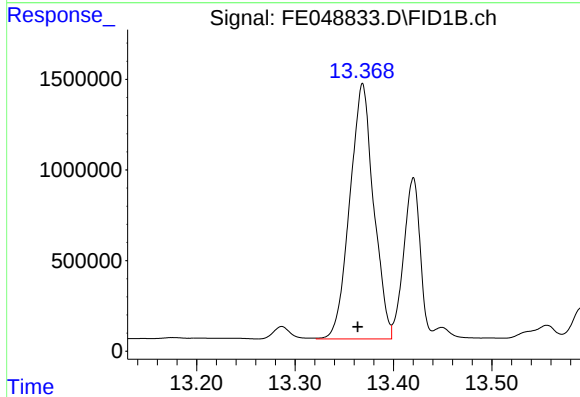
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: 0.004 min
Response: 722019
Conc: 4.66 ug/ml



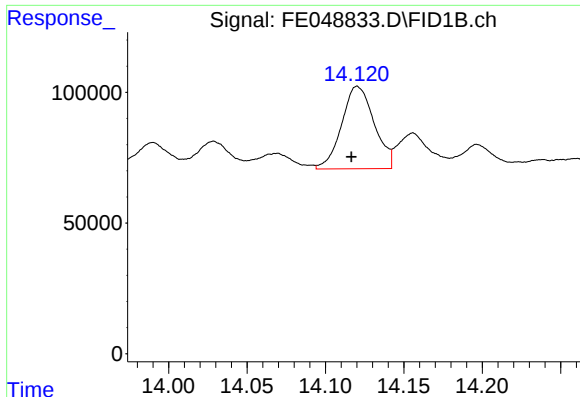
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.025 min
Response: 1356630
Conc: 8.91 ug/ml



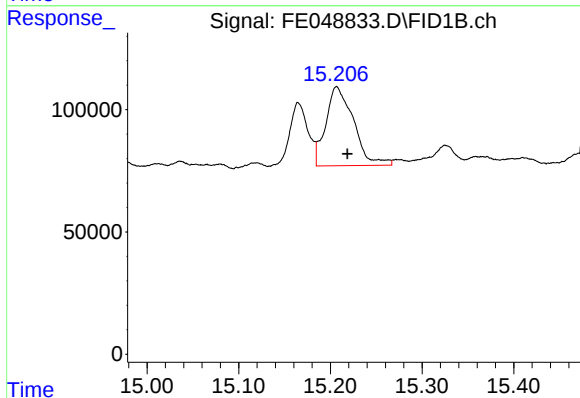
#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min
Delta R.T.: 0.005 min
Response: 23692080
Conc: 184.25 ug/ml



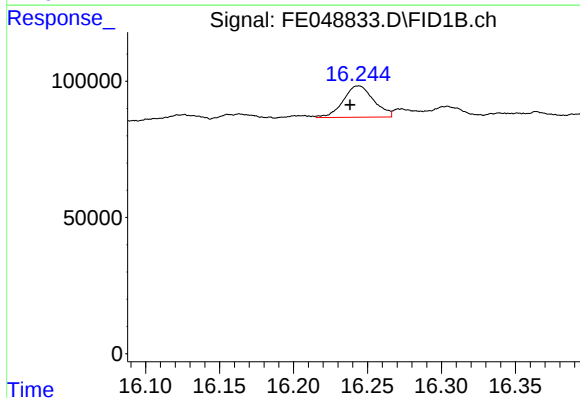
#13 n-Docosane (C22)

R.T.: 14.120 min
Delta R.T.: 0.004 min
Response: 456395
Conc: 3.02 ug/ml



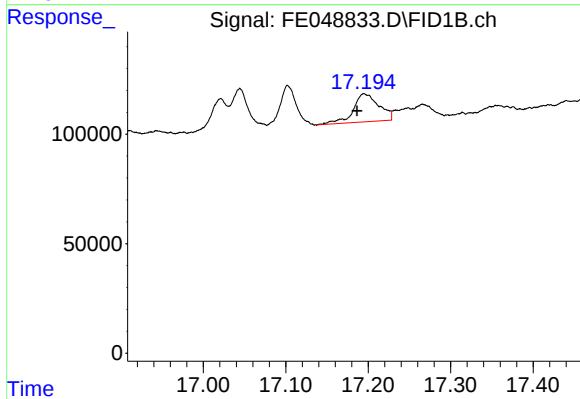
#14 n-Tetracosane (C24)

R.T.: 15.207 min
Delta R.T.: -0.012 min
Response: 678370
Conc: 4.51 ug/ml



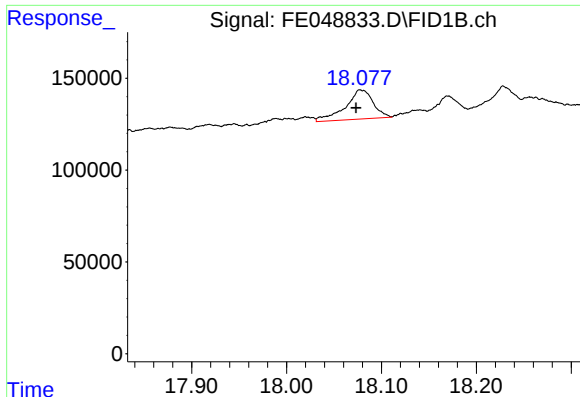
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: 0.006 min
Response: 165251
Conc: 1.12 ug/ml



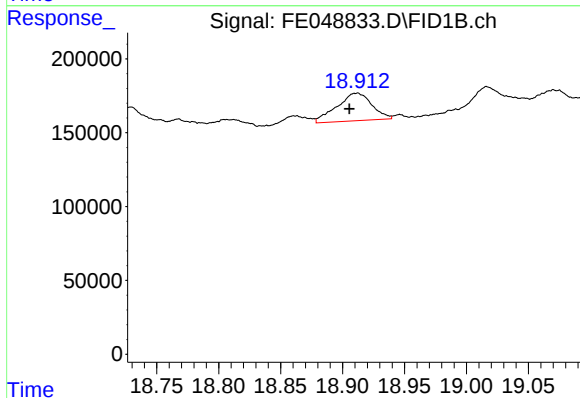
#16 n-Octacosane (C28)

R.T.: 17.195 min
Delta R.T.: 0.009 min
Response: 279783
Conc: 1.94 ug/ml



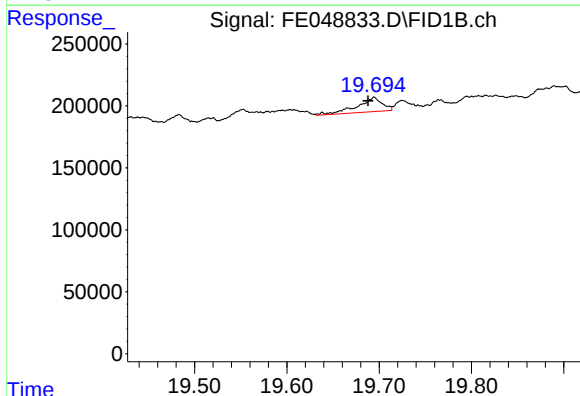
#17 n-Tricontane (C30)

R.T.: 18.078 min
Delta R.T.: 0.004 min
Response: 322797
Conc: 2.21 ug/ml



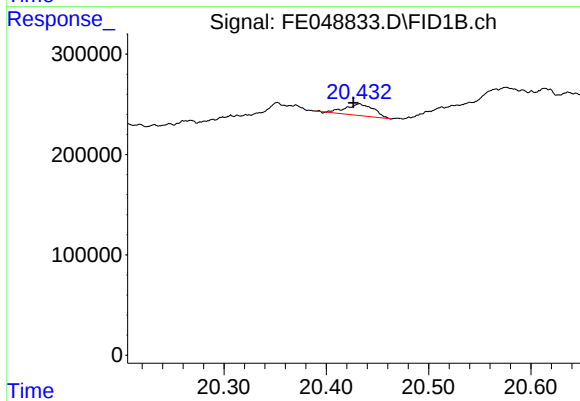
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: 0.006 min
Response: 369585
Conc: 2.58 ug/ml



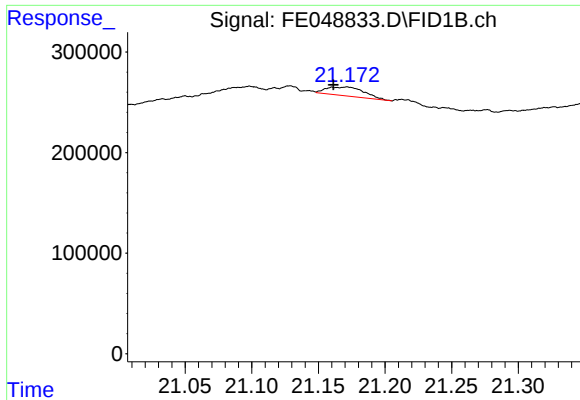
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.007 min
Response: 220030
Conc: 1.59 ug/ml



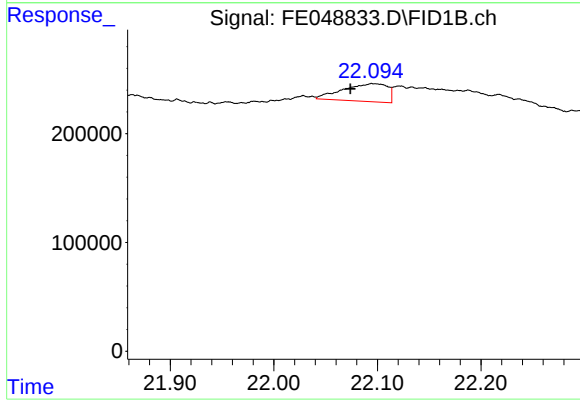
#20 n-Hexatriacontane (C36)

R.T.: 20.432 min
Delta R.T.: 0.006 min
Response: 222192
Conc: 1.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: 0.010 min
Response: 171475
Conc: 1.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.095 min
Delta R.T.: 0.021 min
Response: 490433
Conc: 4.00 ug/ml