

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121823AL\
 Data File : FE045891.D
 Signal(s) : FID1B.ch
 Acq On : 18 Dec 2023 17:06
 Operator : YP\AJ
 Sample : 05883-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 18 23:22:20 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)	11.846	7518285	35.953 ug/ml
Spiked Amount 50.000		Recovery =	71.91%
12) S 1-chlorooctadecane (S...	13.291	5684995	36.131 ug/ml
Spiked Amount 50.000		Recovery =	72.26%
Target Compounds			
4) T n-Dodecane (C12)	6.647	61785	0.383 ug/ml
6) T n-Tetradecane (C14)	8.475	101208	0.631 ug/ml
7) T n-Hexadecane (C16)	10.084	89512	0.541 ug/ml
8) T n-Octadecane (C18)	11.530	87388	0.510 ug/ml
10) T n-Eicosane (C20)	12.842	72782	0.421 ug/ml
11) T n-Heneicosane (C21)	13.456	41225	0.240 ug/ml
13) T n-Docosane (C22)	14.043	52526	0.305 ug/ml
14) T n-Tetracosane (C24)	15.146	77577	0.444 ug/ml
15) T n-Hexacosane (C26)	16.174	153200	0.880 ug/ml
16) T n-Octacosane (C28)	17.137	153515	0.888 ug/ml
17) T n-Tricontane (C30)	18.013	233536	1.335 ug/ml
18) T n-Dotriacontane (C32)	18.850	233914	1.282 ug/ml
19) T n-Tetratriacontane (C34)	19.651	99957	0.602 ug/ml
20) T n-Hexatriacontane (C36)	20.355	43573	0.274 ug/ml
21) T n-Octatriacontane (C38)	21.083	36242	0.231 ug/ml
22) T n-Tetracontane (C40)	22.031	178638	1.257 ug/ml

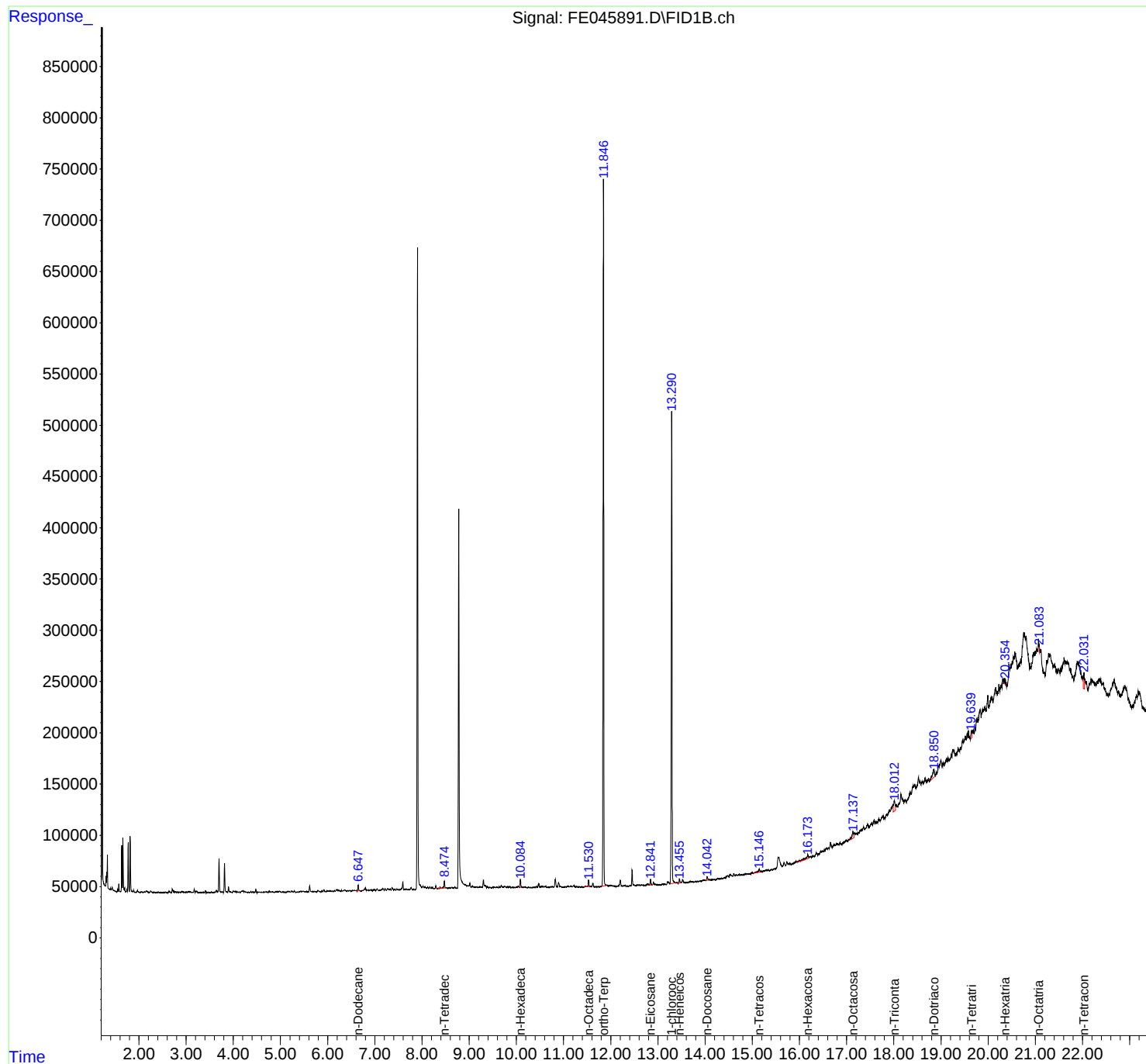
(f)=RT Delta > 1/2 Window

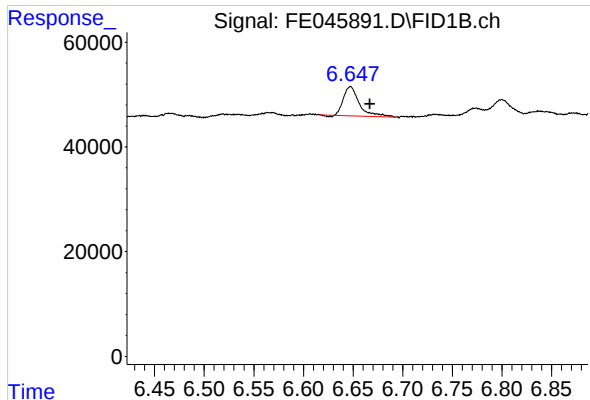
(m)=manual int.

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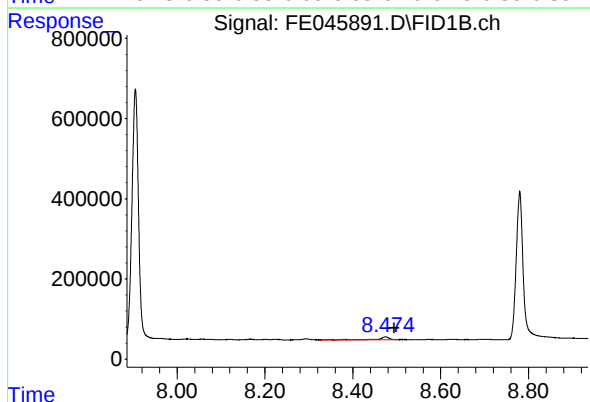
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





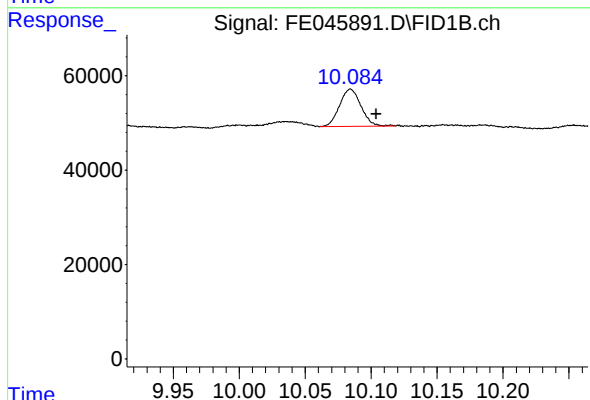
#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.020 min
Response: 61785
Conc: 0.38 ug/ml



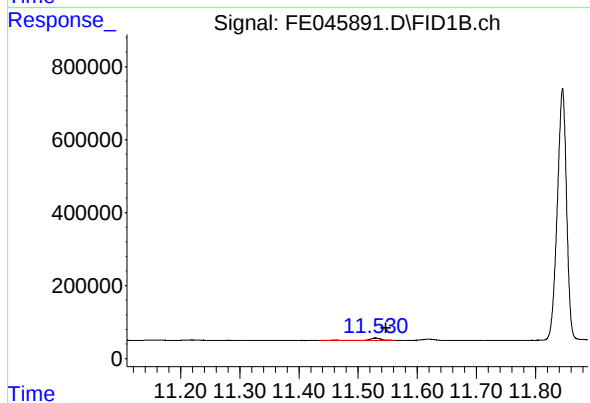
#6 n-Tetradecane (C14)

R.T.: 8.475 min
Delta R.T.: -0.020 min
Response: 101208
Conc: 0.63 ug/ml



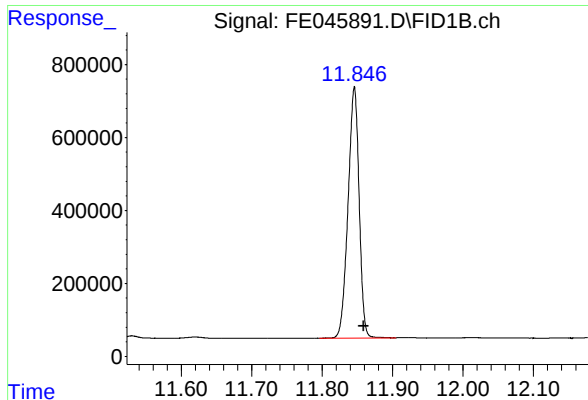
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.020 min
Response: 89512
Conc: 0.54 ug/ml



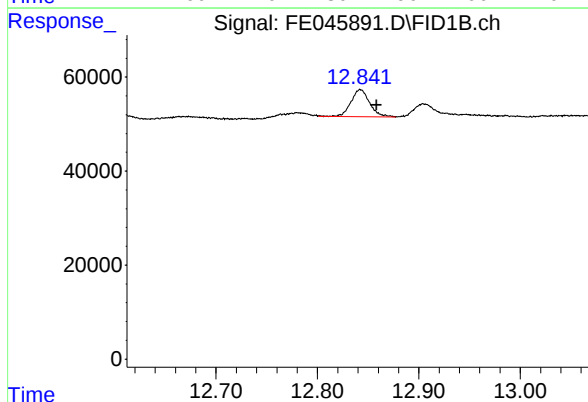
#8 n-Octadecane (C18)

R.T.: 11.530 min
Delta R.T.: -0.017 min
Response: 87388
Conc: 0.51 ug/ml



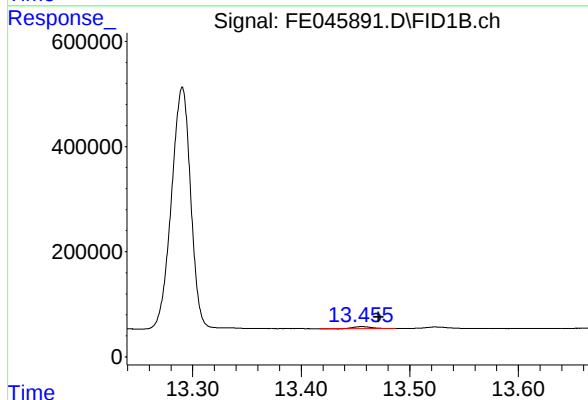
#9 ortho-Terphenyl (SURR)

R.T.: 11.846 min
Delta R.T.: -0.013 min
Response: 7518285
Conc: 35.95 ug/ml



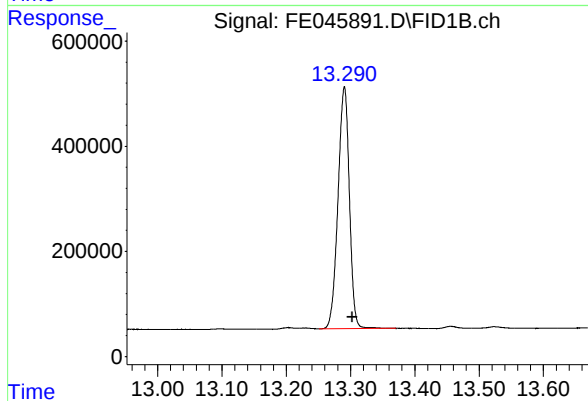
#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: -0.016 min
Response: 72782
Conc: 0.42 ug/ml



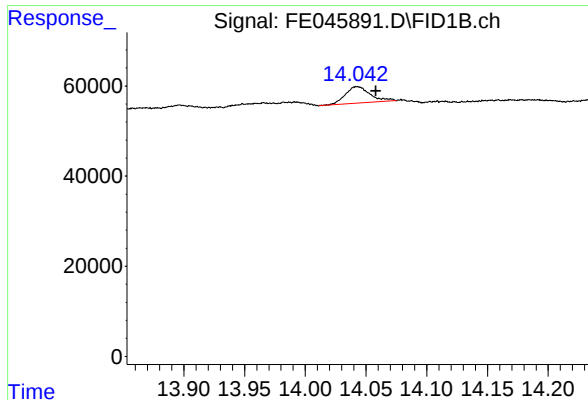
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: -0.015 min
Response: 41225
Conc: 0.24 ug/ml



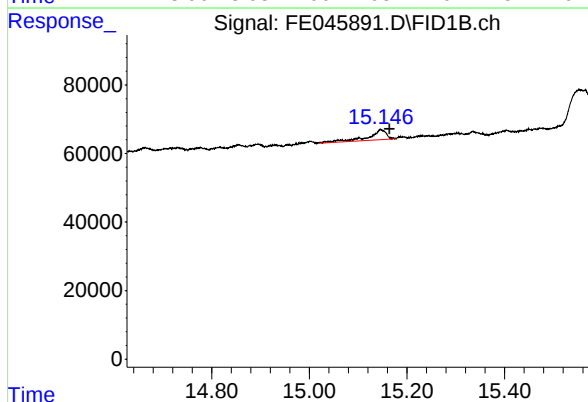
#12 1-chlorooctadecane (SURR)

R.T.: 13.291 min
Delta R.T.: -0.012 min
Response: 5684995
Conc: 36.13 ug/ml



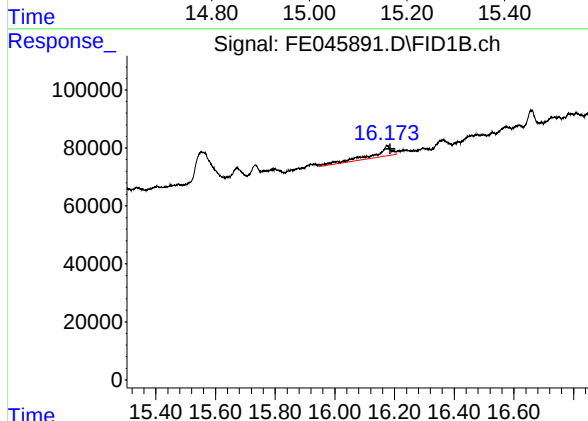
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.016 min
Response: 52526
Conc: 0.30 ug/ml



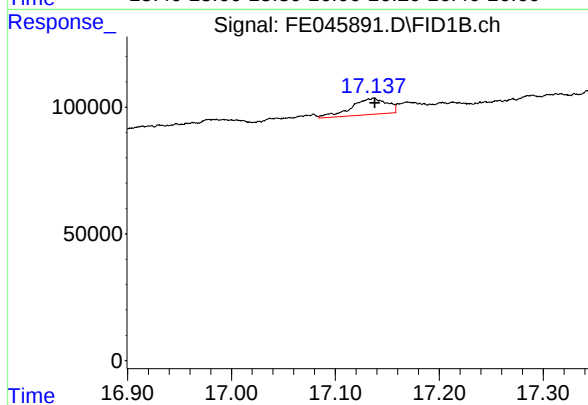
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.018 min
Response: 77577
Conc: 0.44 ug/ml



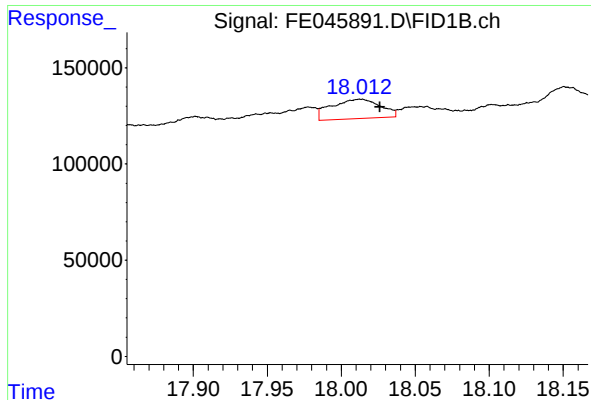
#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: -0.012 min
Response: 153200
Conc: 0.88 ug/ml



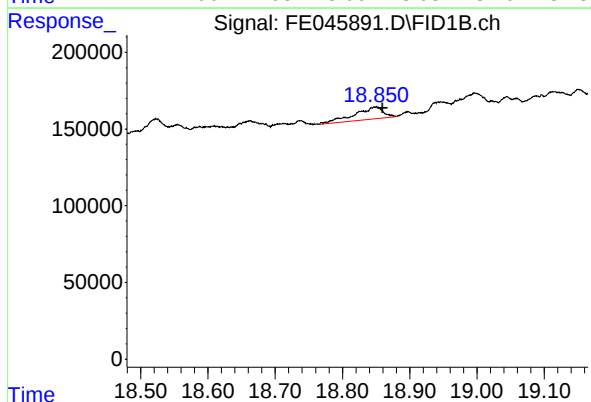
#16 n-Octacosane (C28)

R.T.: 17.137 min
Delta R.T.: -0.001 min
Response: 153515
Conc: 0.89 ug/ml



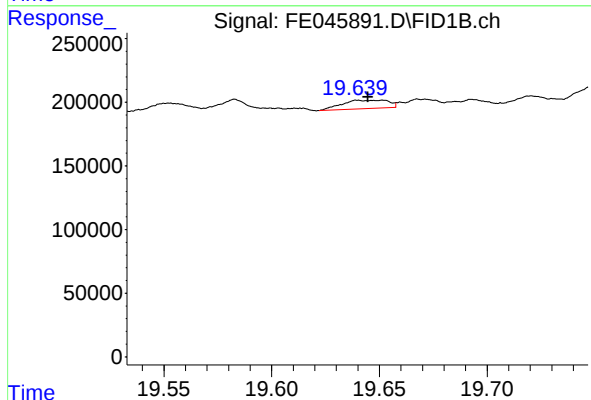
#17 n-Tricontane (C30)

R.T.: 18.013 min
Delta R.T.: -0.013 min
Response: 233536
Conc: 1.33 ug/ml



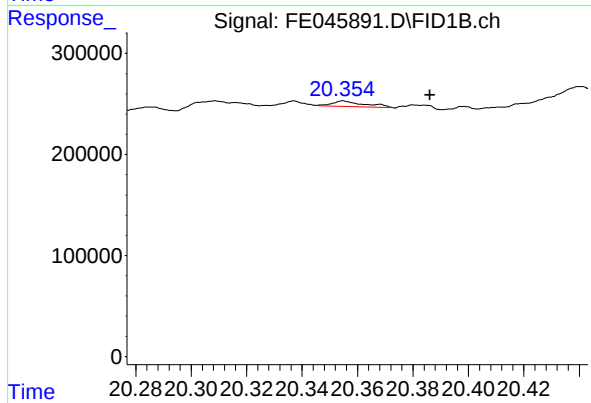
#18 n-Dotriacontane (C32)

R.T.: 18.850 min
Delta R.T.: -0.010 min
Response: 233914
Conc: 1.28 ug/ml



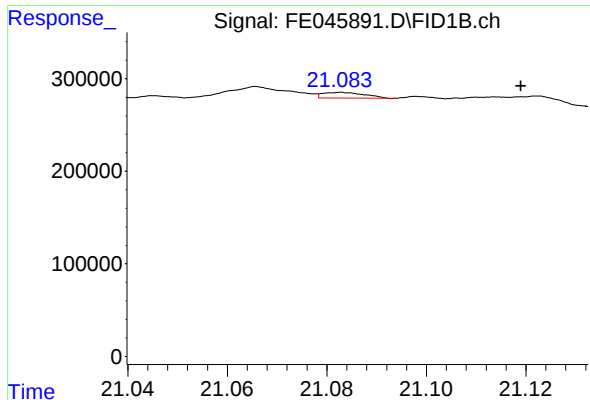
#19 n-Tetatriacontane (C34)

R.T.: 19.651 min
Delta R.T.: 0.007 min
Response: 99957
Conc: 0.60 ug/ml



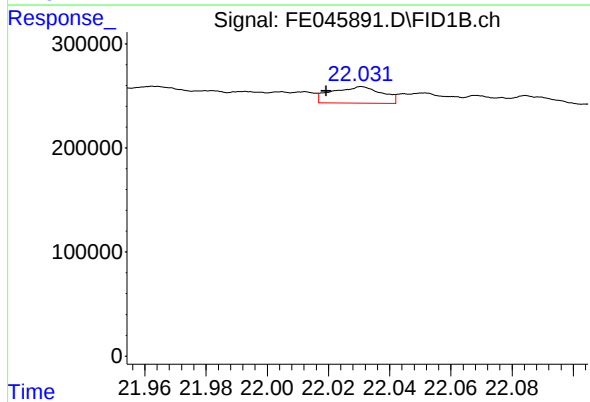
#20 n-Hexatriacontane (C36)

R.T.: 20.355 min
Delta R.T.: -0.031 min
Response: 43573
Conc: 0.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.036 min
Response: 36242
Conc: 0.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.031 min
Delta R.T.: 0.012 min
Response: 178638
Conc: 1.26 ug/ml