

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121923AL\
 Data File : FE045909.D
 Signal(s) : FID1B.ch
 Acq On : 19 Dec 2023 08:01
 Operator : YP\AJ
 Sample : 05882-02DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 19 22:22:43 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)	11.837	590469	2.824 ug/ml
Spiked Amount 50.000		Recovery =	5.65%
12) S 1-chlorooctadecane (S...	13.283	25706252	163.374 ug/ml
Spiked Amount 50.000		Recovery =	326.75%
Target Compounds			
4) T n-Dodecane (C12)	6.644	144259	0.893 ug/ml
5) T A~2-methylnaphthalene...	7.278	159166	0.937 ug/ml
6) T n-Tetradecane (C14)	8.511	84868	0.529 ug/ml
7) T n-Hexadecane (C16)	10.080	553208	3.341 ug/ml
8) T n-Octadecane (C18)	11.526	537926	3.138 ug/ml
10) T n-Eicosane (C20)	12.838	399929	2.311 ug/ml
11) T n-Heneicosane (C21)	13.453	294251	1.710 ug/ml
13) T n-Docosane (C22)	14.038	234632	1.361 ug/ml
14) T n-Tetracosane (C24)	15.142	223489	1.280 ug/ml
15) T n-Hexacosane (C26)	16.168	67162	0.386 ug/ml
16) T n-Octacosane (C28)	17.120	44069	0.255 ug/ml
17) T n-Tricontane (C30)	18.009	84506	0.483 ug/ml
18) T n-Dotriacontane (C32)	18.847	124599	0.683 ug/ml
19) T n-Tetratriacontane (C34)	19.642	85512	0.515 ug/ml
20) T n-Hexatriacontane (C36)	20.379	87127	0.549 ug/ml
22) T n-Tetracontane (C40)	22.015	288920	2.033 ug/ml

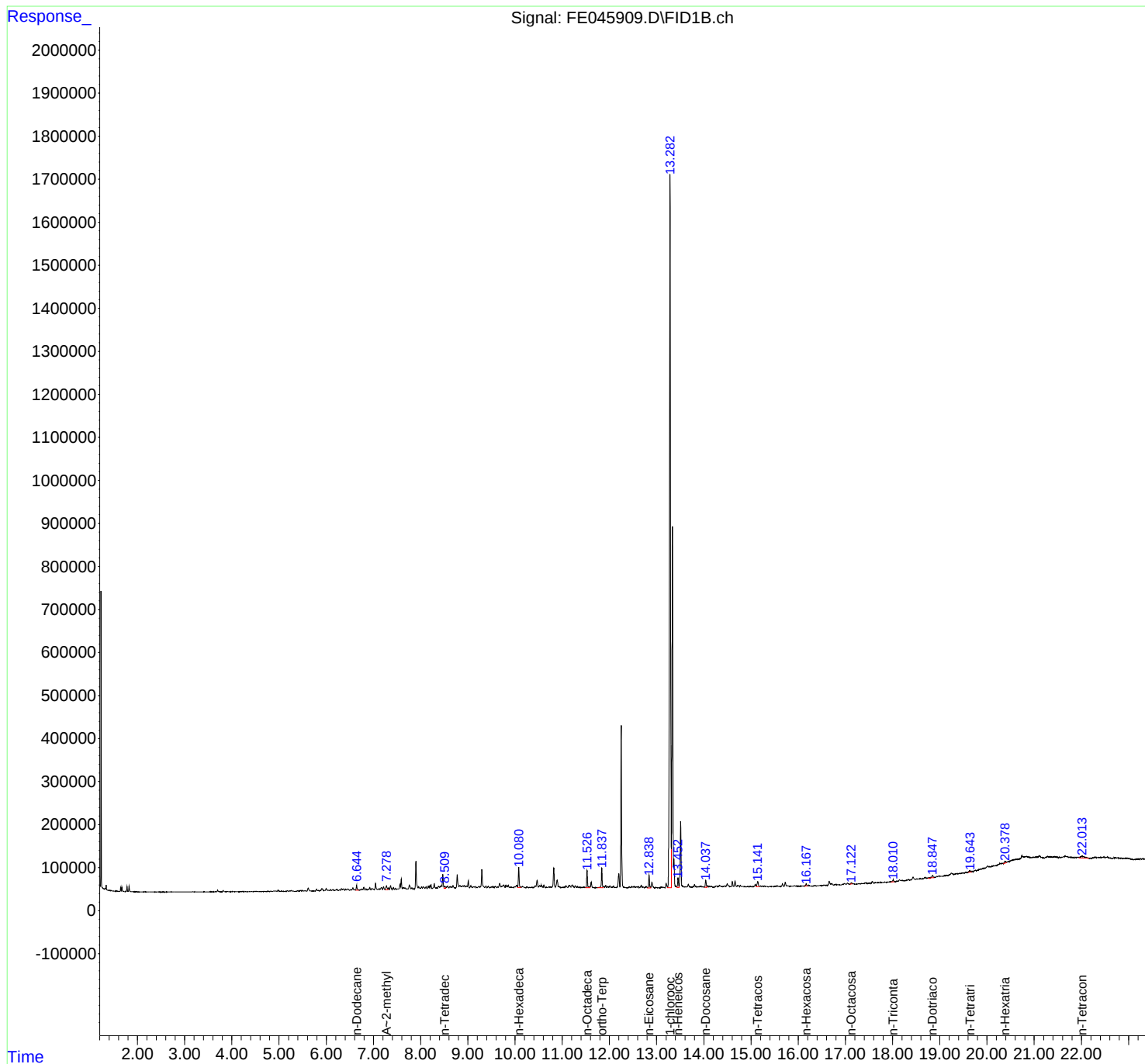
(f)=RT Delta > 1/2 Window

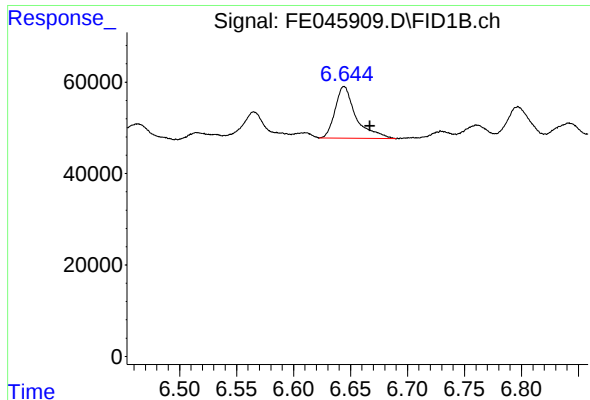
(m)=manual int.

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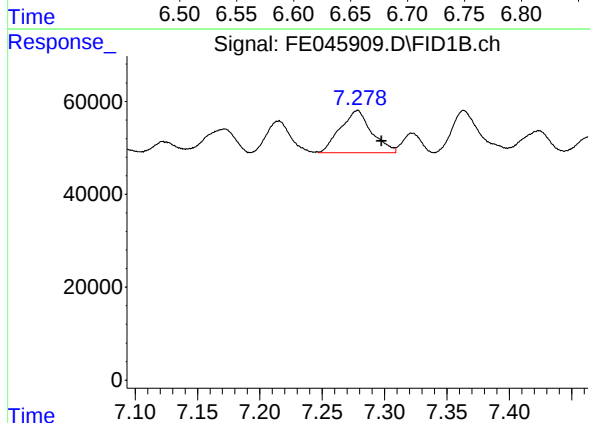
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





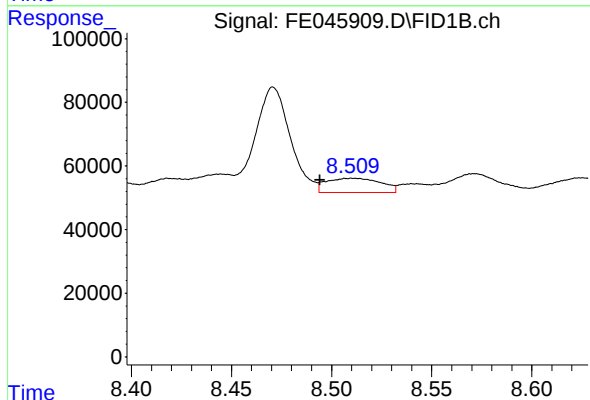
#4 n-Dodecane (C12)

R.T.: 6.644 min
Delta R.T.: -0.023 min
Response: 144259
Conc: 0.89 ug/ml



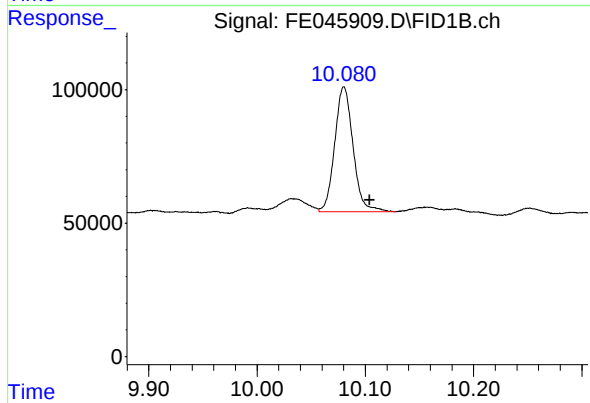
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.278 min
Delta R.T.: -0.019 min
Response: 159166
Conc: 0.94 ug/ml



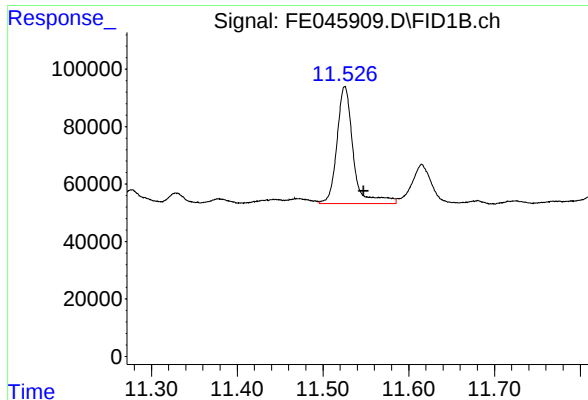
#6 n-Tetradecane (C14)

R.T.: 8.511 min
Delta R.T.: 0.016 min
Response: 84868
Conc: 0.53 ug/ml



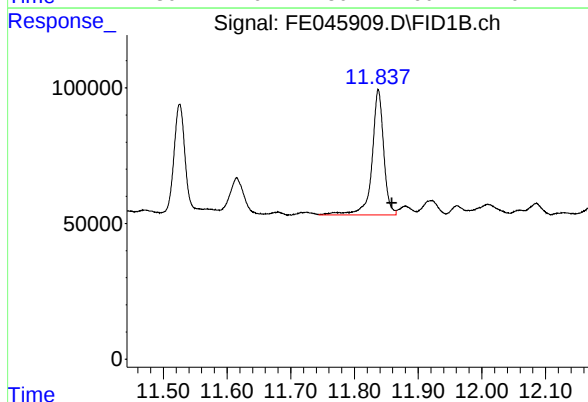
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.024 min
Response: 553208
Conc: 3.34 ug/ml



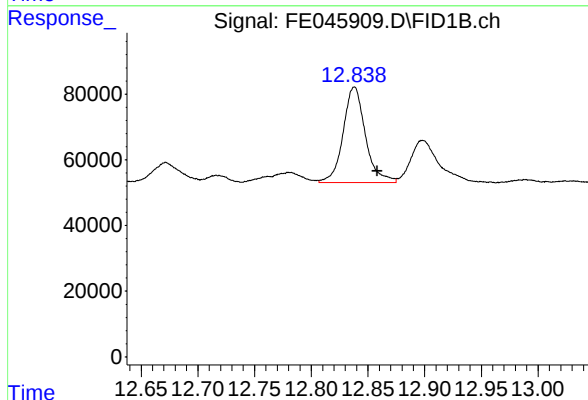
#8 n-Octadecane (C18)

R.T.: 11.526 min
Delta R.T.: -0.022 min
Response: 537926
Conc: 3.14 ug/ml



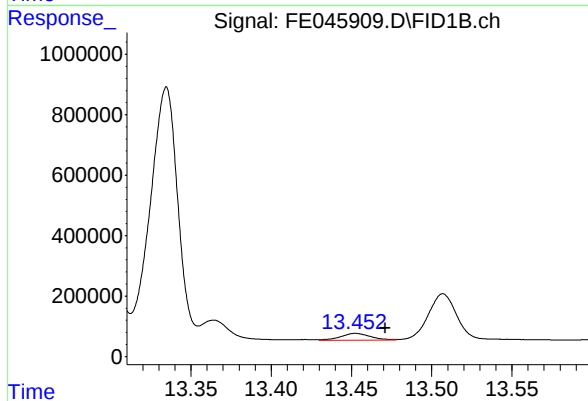
#9 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: -0.022 min
Response: 590469
Conc: 2.82 ug/ml



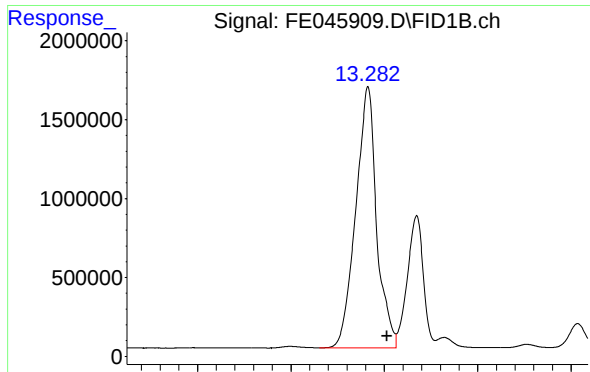
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: -0.020 min
Response: 399929
Conc: 2.31 ug/ml



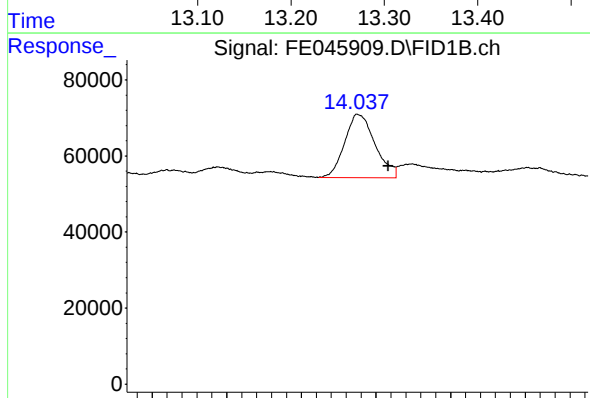
#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: -0.019 min
Response: 294251
Conc: 1.71 ug/ml



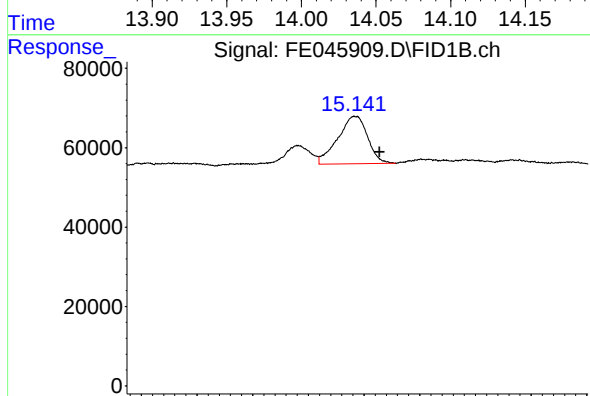
#12 1-chlorooctadecane (SURR)

R.T.: 13.283 min
Delta R.T.: -0.020 min
Response: 25706252
Conc: 163.37 ug/ml



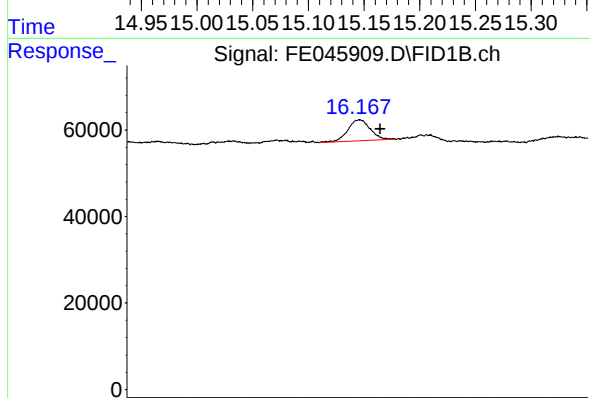
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.020 min
Response: 234632
Conc: 1.36 ug/ml



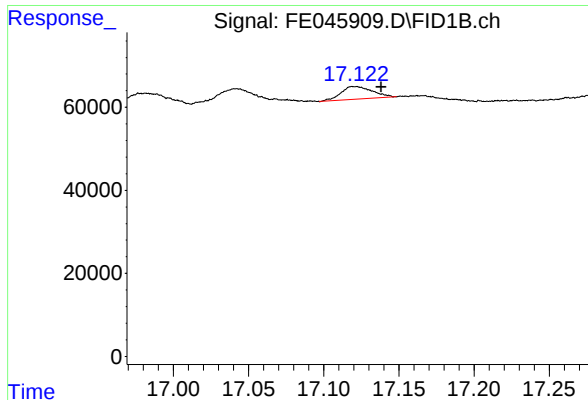
#14 n-Tetracosane (C24)

R.T.: 15.142 min
Delta R.T.: -0.022 min
Response: 223489
Conc: 1.28 ug/ml



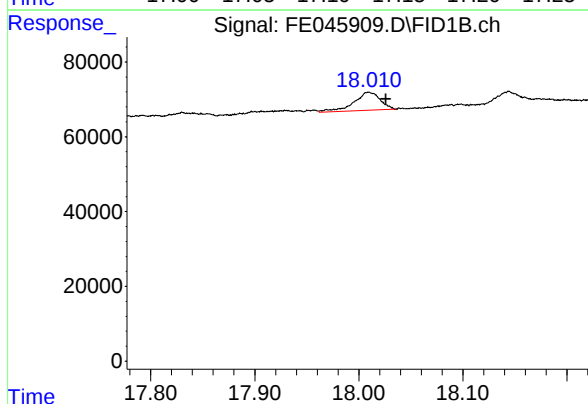
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.018 min
Response: 67162
Conc: 0.39 ug/ml



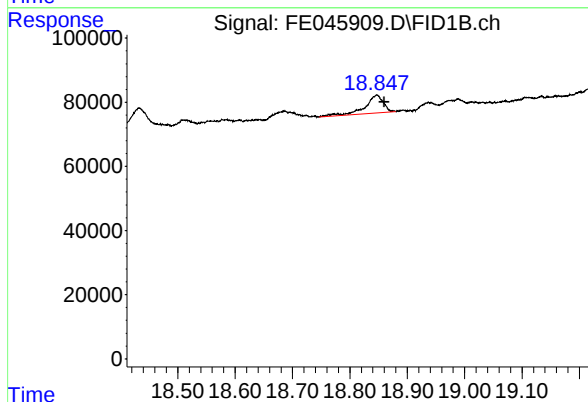
#16 n-Octacosane (C28)

R.T.: 17.120 min
Delta R.T.: -0.018 min
Response: 44069
Conc: 0.25 ug/ml



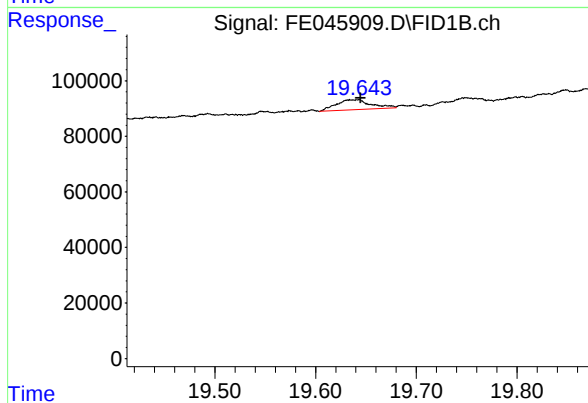
#17 n-Tricontane (C30)

R.T.: 18.009 min
Delta R.T.: -0.017 min
Response: 84506
Conc: 0.48 ug/ml



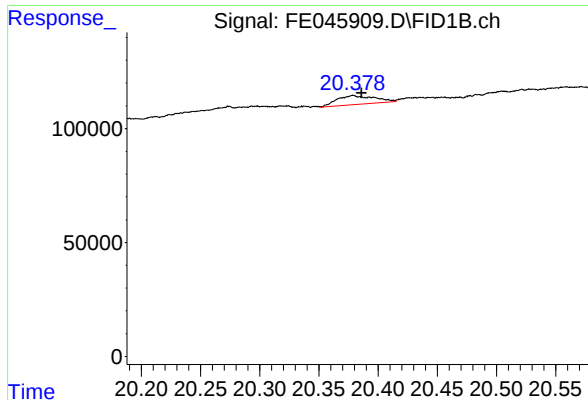
#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: -0.013 min
Response: 124599
Conc: 0.68 ug/ml



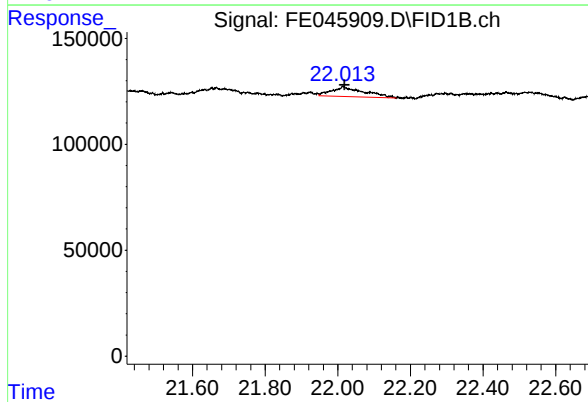
#19 n-Tetratriacontane (C34)

R.T.: 19.642 min
Delta R.T.: -0.003 min
Response: 85512
Conc: 0.52 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.379 min
Delta R.T.: -0.007 min
Response: 87127
Conc: 0.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.015 min
Delta R.T.: -0.004 min
Response: 288920
Conc: 2.03 ug/ml