

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022924AL\
 Data File : FE046998.D
 Signal(s) : FID1B.ch
 Acq On : 29 Feb 2024 16:42
 Operator : YP\AJ
 Sample : P1622-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 01:09:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.791	5915853	36.007 ug/ml
Spiked Amount 50.000		Recovery =	72.01%
12) S 1-chlorooctadecane (S...	13.232	5291226	42.983 ug/ml
Spiked Amount 50.000		Recovery =	85.97%
Target Compounds			
5) T A~2-methylnaphthalene...	7.256	40604	0.283 ug/ml
6) T n-Tetradecane (C14)	8.426	71691	0.465 ug/ml
7) T n-Hexadecane (C16)	10.034	79415	0.501 ug/ml
8) T n-Octadecane (C18)	11.475	77667	0.487 ug/ml
10) T n-Eicosane (C20)	12.784	279297	1.845 ug/ml
11) T n-Heneicosane (C21)	13.397	78327	0.529 ug/ml
13) T n-Docosane (C22)	13.982	156118	1.073 ug/ml
14) T n-Tetracosane (C24)	15.093	826480	5.787 ug/ml
15) T n-Hexacosane (C26)	16.112	186093	1.332 ug/ml
16) T n-Octacosane (C28)	17.065	189497	1.391 ug/ml
17) T n-Tricontane (C30)	17.951	643395	4.612 ug/ml
18) T n-Dotriacontane (C32)	18.784	339824	2.470 ug/ml
19) T n-Tetratriacontane (C34)	19.591	720228	5.361 ug/ml
20) T n-Hexatriacontane (C36)	20.292	40269	0.302 ug/ml
21) T n-Octatriacontane (C38)	21.009	28396	0.206 ug/ml
22) T n-Tetracontane (C40)	21.877	107117	0.759 ug/ml

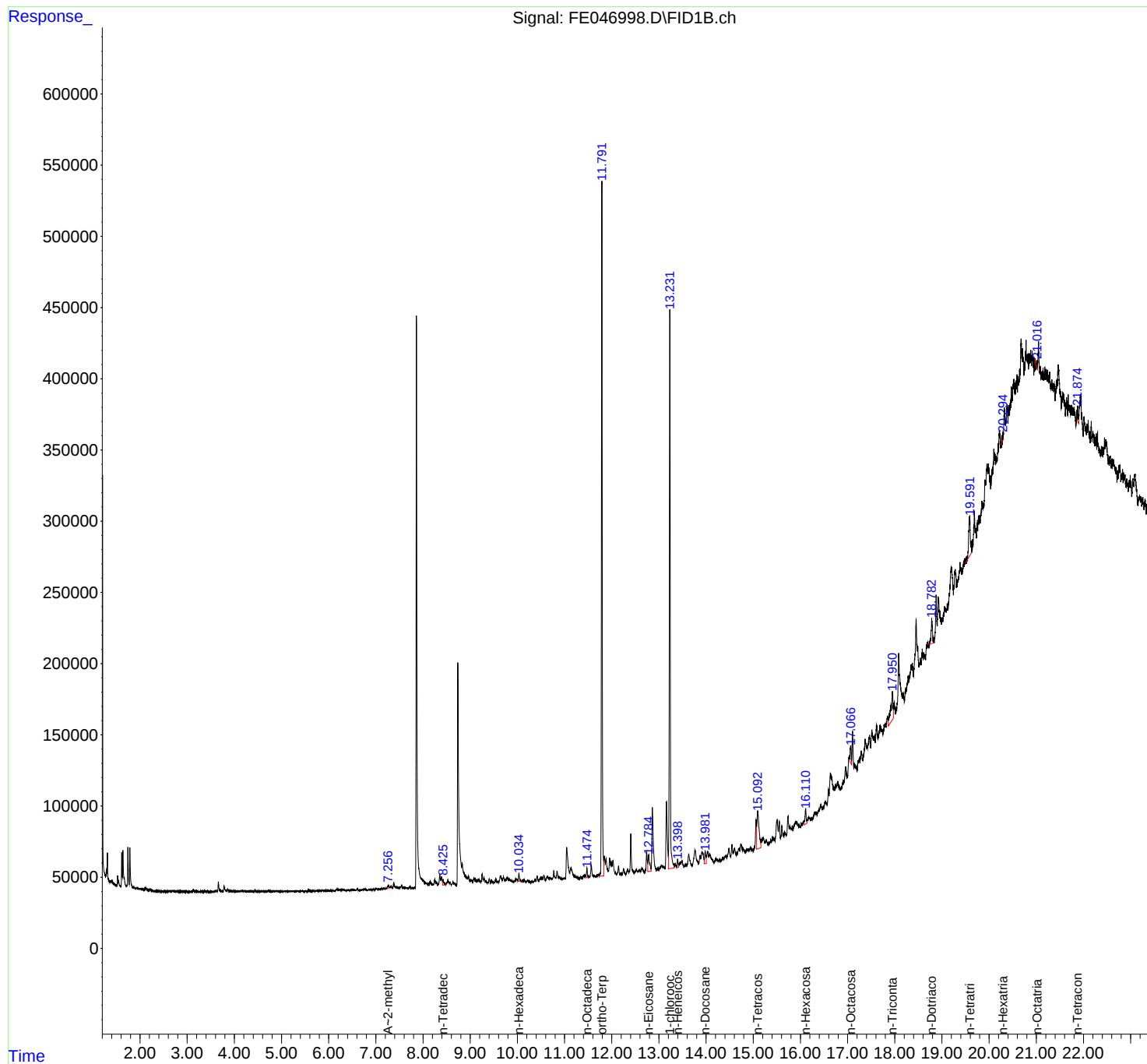
(f)=RT Delta > 1/2 Window

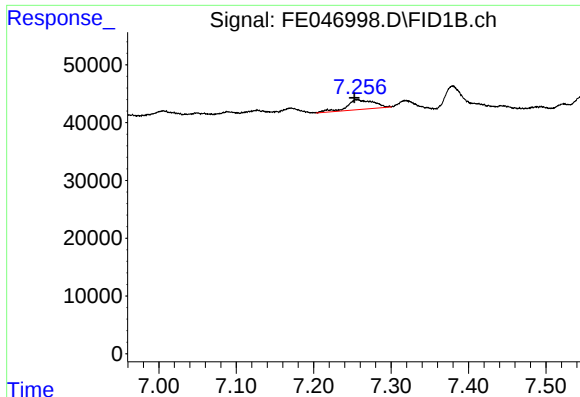
(m)=manual int.

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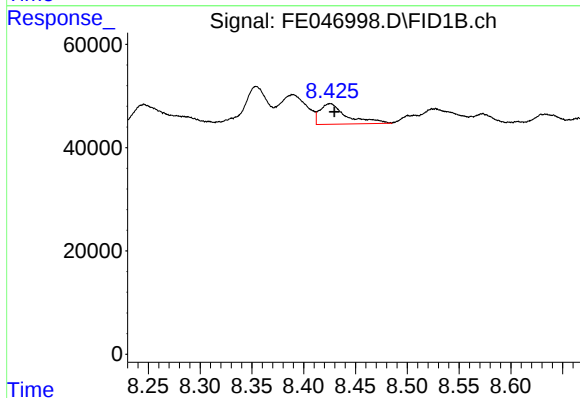
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





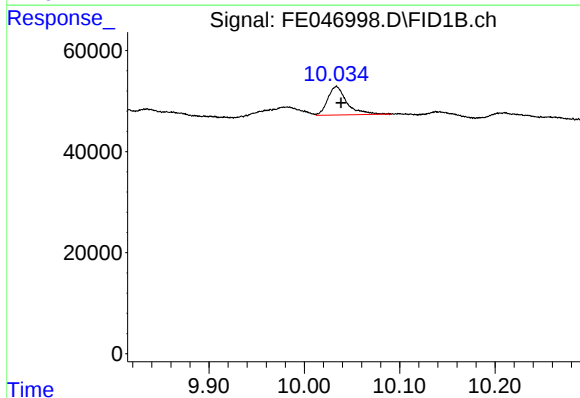
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.256 min
Delta R.T.: 0.004 min
Response: 40604
Conc: 0.28 ug/ml



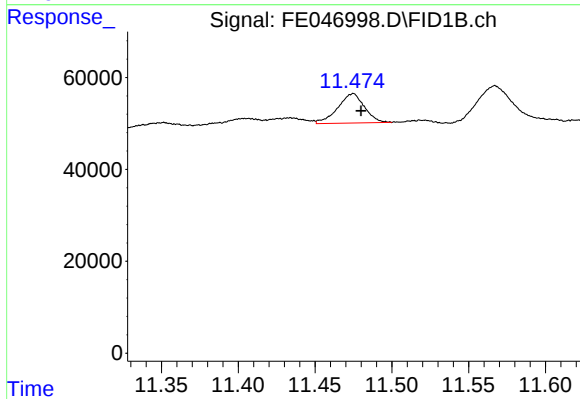
#6 n-Tetradecane (C14)

R.T.: 8.426 min
Delta R.T.: -0.004 min
Response: 71691
Conc: 0.46 ug/ml



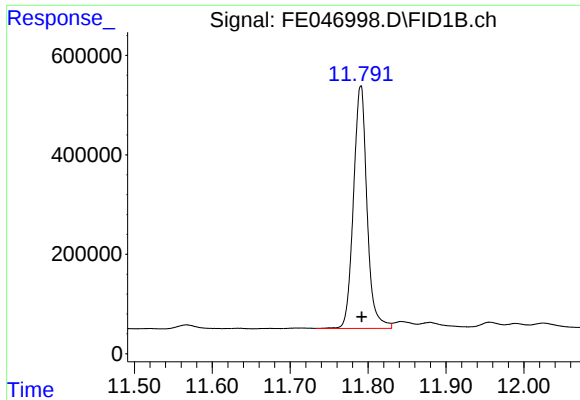
#7 n-Hexadecane (C16)

R.T.: 10.034 min
Delta R.T.: -0.005 min
Response: 79415
Conc: 0.50 ug/ml



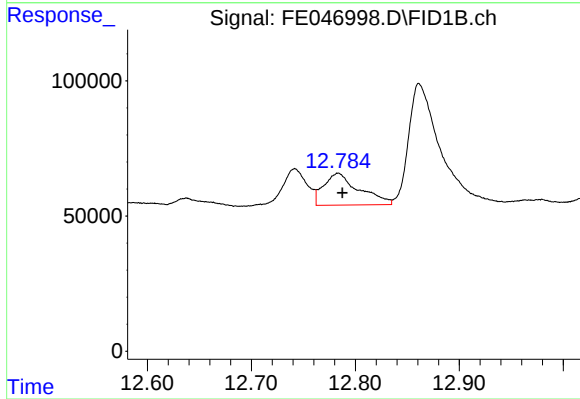
#8 n-Octadecane (C18)

R.T.: 11.475 min
Delta R.T.: -0.005 min
Response: 77667
Conc: 0.49 ug/ml



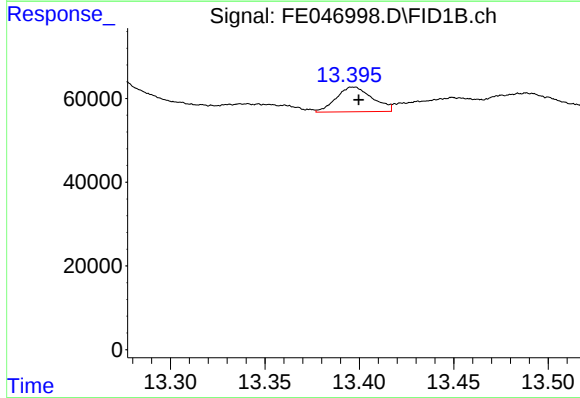
#9 ortho-Terphenyl (SURR)

R.T.: 11.791 min
Delta R.T.: -0.001 min
Response: 5915853
Conc: 36.01 ug/ml



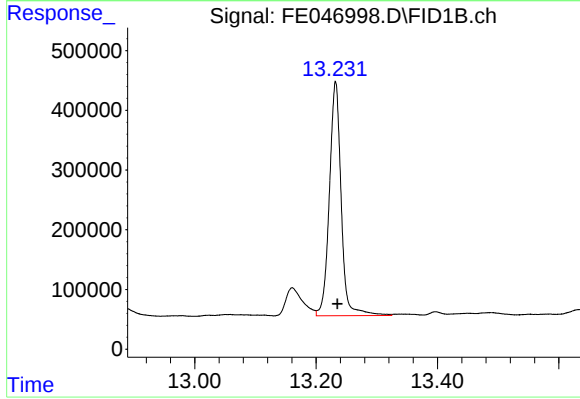
#10 n-Eicosane (C20)

R.T.: 12.784 min
Delta R.T.: -0.004 min
Response: 279297
Conc: 1.85 ug/ml



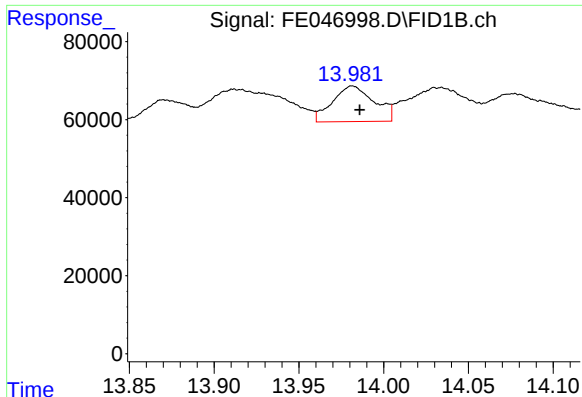
#11 n-Heneicosane (C21)

R.T.: 13.397 min
Delta R.T.: -0.003 min
Response: 78327
Conc: 0.53 ug/ml



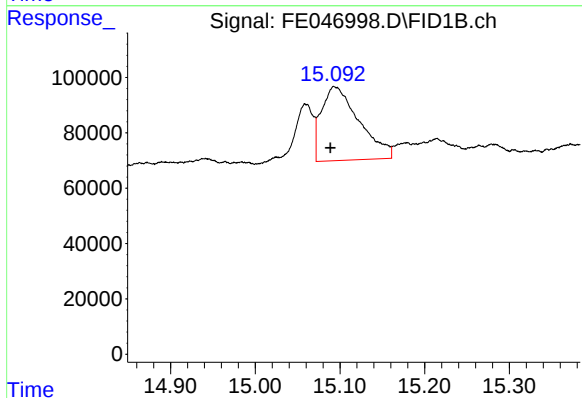
#12 1-chlorooctadecane (SURR)

R.T.: 13.232 min
Delta R.T.: -0.003 min
Response: 5291226
Conc: 42.98 ug/ml



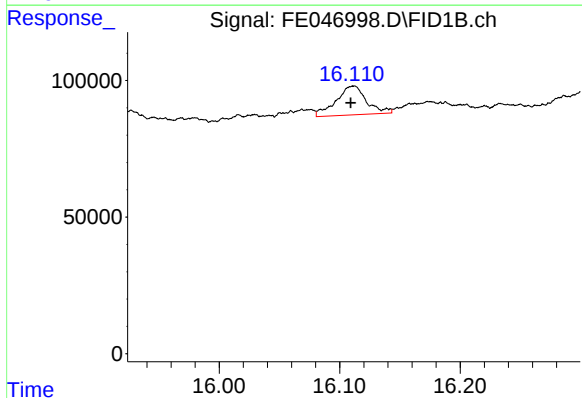
#13 n-Docosane (C22)

R.T.: 13.982 min
Delta R.T.: -0.004 min
Response: 156118
Conc: 1.07 ug/ml



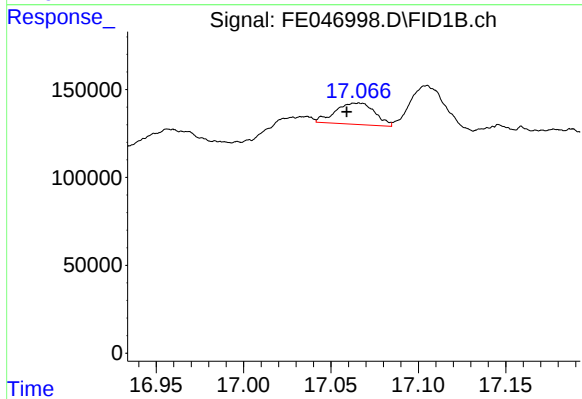
#14 n-Tetracosane (C24)

R.T.: 15.093 min
Delta R.T.: 0.005 min
Response: 826480
Conc: 5.79 ug/ml



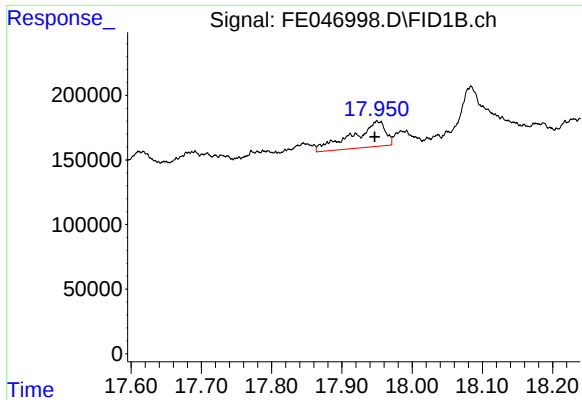
#15 n-Hexacosane (C26)

R.T.: 16.112 min
Delta R.T.: 0.002 min
Response: 186093
Conc: 1.33 ug/ml



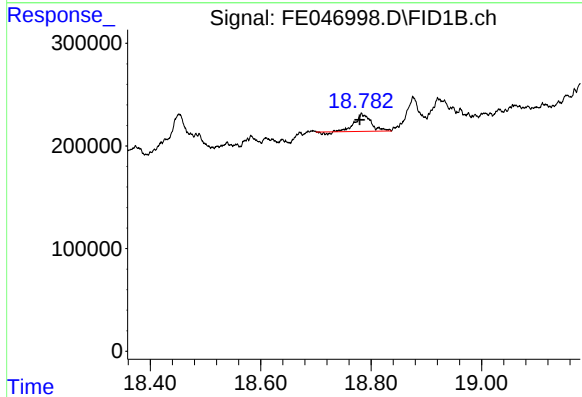
#16 n-Octacosane (C28)

R.T.: 17.065 min
Delta R.T.: 0.006 min
Response: 189497
Conc: 1.39 ug/ml



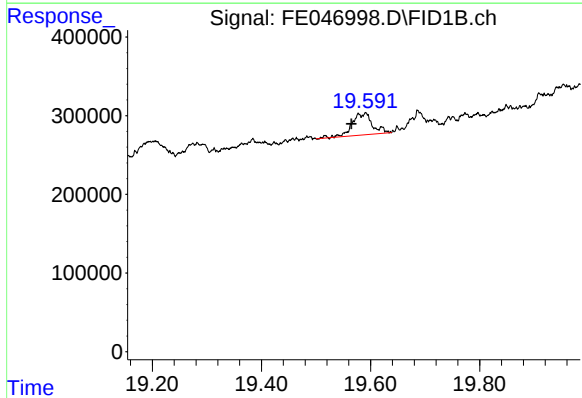
#17 n-Tricontane (C30)

R.T.: 17.951 min
Delta R.T.: 0.004 min
Response: 643395
Conc: 4.61 ug/ml



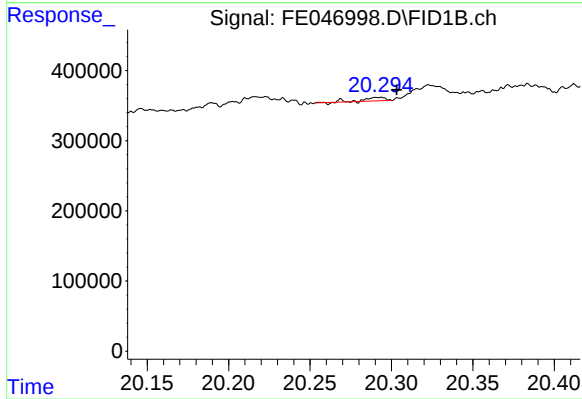
#18 n-Dotriacontane (C32)

R.T.: 18.784 min
Delta R.T.: 0.005 min
Response: 339824
Conc: 2.47 ug/ml



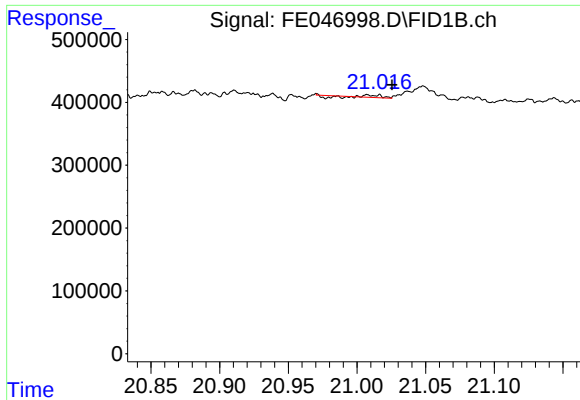
#19 n-Tetratriacontane (C34)

R.T.: 19.591 min
Delta R.T.: 0.026 min
Response: 720228
Conc: 5.36 ug/ml



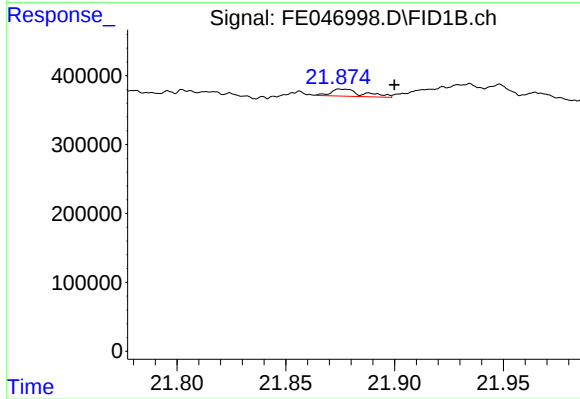
#20 n-Hexatriacontane (C36)

R.T.: 20.292 min
Delta R.T.: -0.012 min
Response: 40269
Conc: 0.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.009 min
Delta R.T.: -0.017 min
Response: 28396
Conc: 0.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.877 min
Delta R.T.: -0.023 min
Response: 107117
Conc: 0.76 ug/ml