

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022824AL\
 Data File : FE046982.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2024 20:49
 Operator : YP\AJ
 Sample : P1612-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 29 00:27:41 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)	11.796	3791644	23.078 ug/ml
Spiked Amount 50.000		Recovery =	46.16%
12) S 1-chlorooctadecane (S...	13.238	3433943	27.896 ug/ml
Spiked Amount 50.000		Recovery =	55.79%
Target Compounds			
5) T A~2-methylnaphthalene...	7.322f	23813	0.166 ug/ml
6) T n-Tetradecane (C14)	8.430	57289	0.372 ug/ml
7) T n-Hexadecane (C16)	10.038	124462	0.784 ug/ml
8) T n-Octadecane (C18)	11.480	201880	1.266 ug/ml
10) T n-Eicosane (C20)	12.790	350188	2.313 ug/ml
11) T n-Heneicosane (C21)	13.404	221758	1.498 ug/ml
13) T n-Docosane (C22)	13.990	333306	2.291 ug/ml
14) T n-Tetracosane (C24)	15.100	842982	5.903 ug/ml
15) T n-Hexacosane (C26)	16.117	321504	2.301 ug/ml
16) T n-Octacosane (C28)	17.075	860096	6.313 ug/ml
17) T n-Tricontane (C30)	17.961	877923	6.293 ug/ml
18) T n-Dotriacontane (C32)	18.763	25188	0.183 ug/ml
19) T n-Tetratriacontane (C34)	19.537	70667	0.526 ug/ml
20) T n-Hexatriacontane (C36)	20.331	287955	2.162 ug/ml
21) T n-Octatriacontane (C38)	21.018	238959	1.734 ug/ml
22) T n-Tetracontane (C40)	21.918	83425	0.591 ug/ml

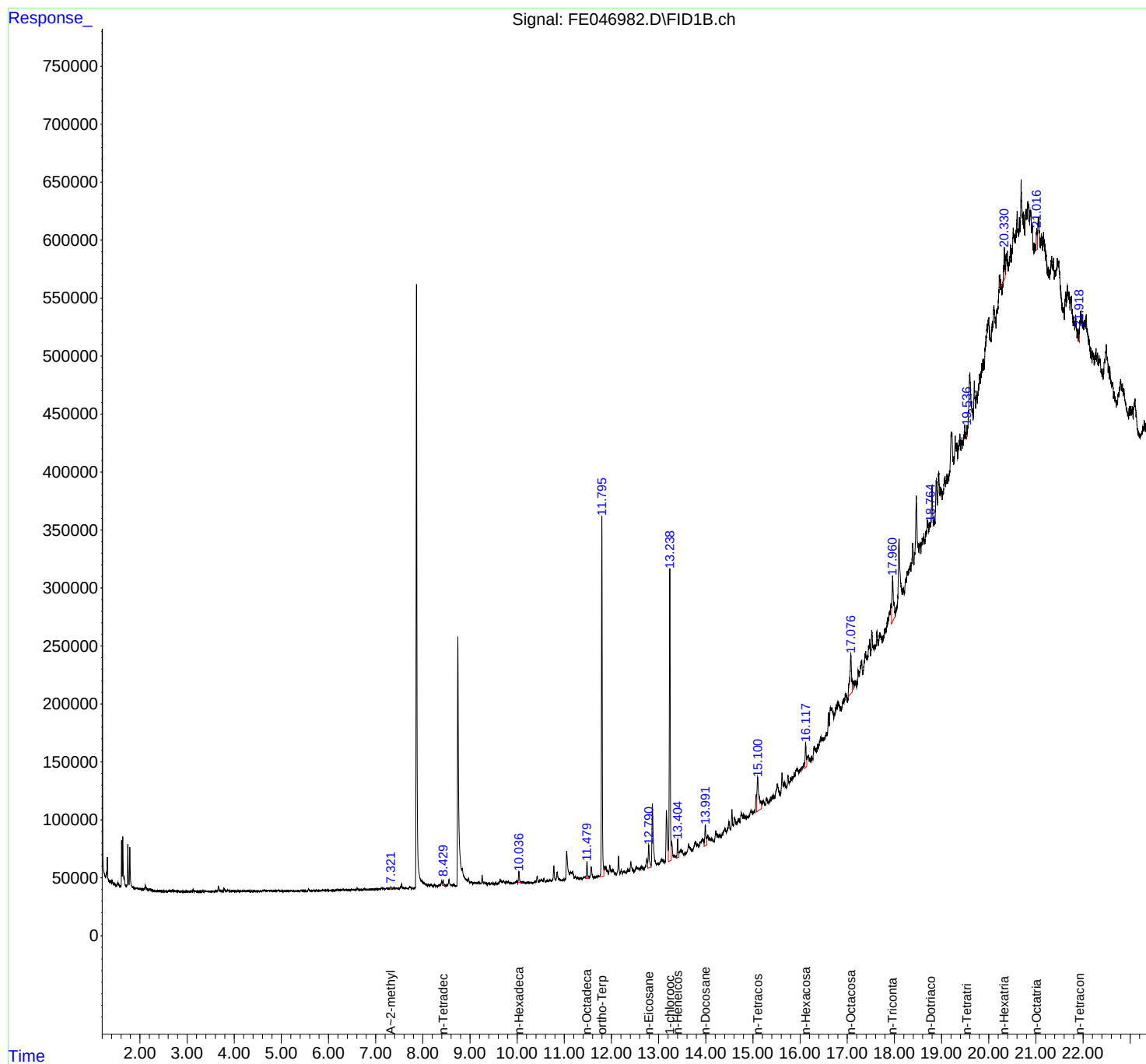
(f)=RT Delta > 1/2 Window

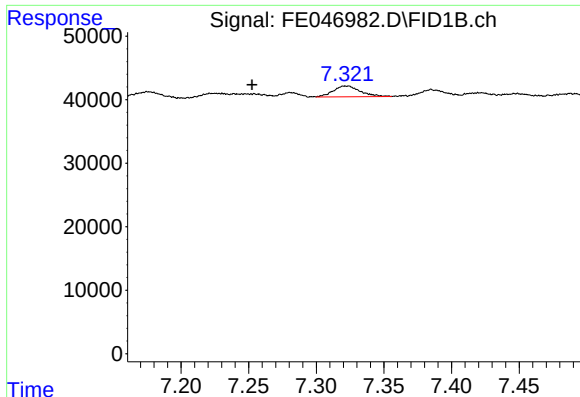
(m)=manual int.

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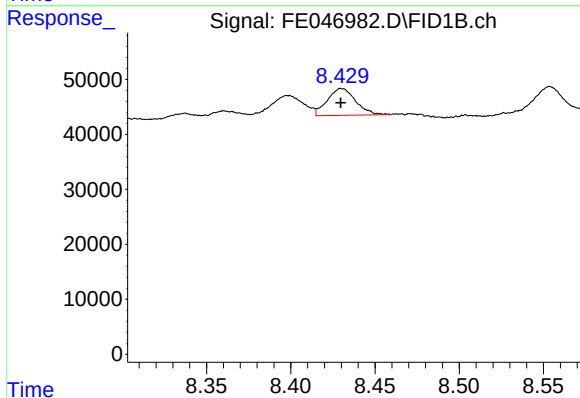
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





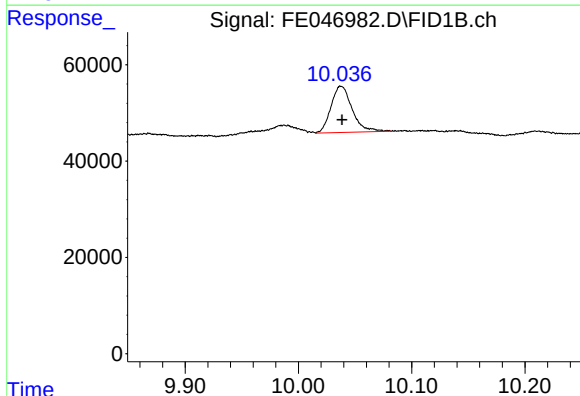
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.322 min
Delta R.T.: 0.069 min
Response: 23813
Conc: 0.17 ug/ml



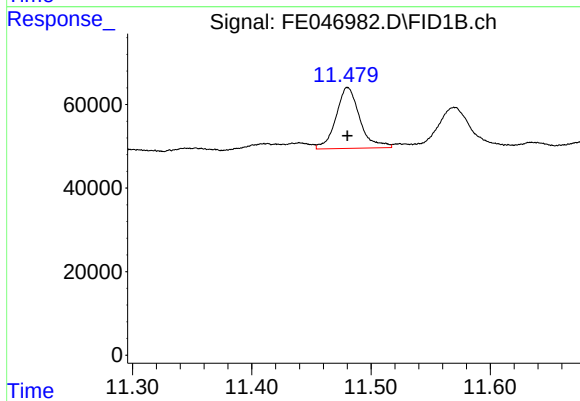
#6 n-Tetradecane (C14)

R.T.: 8.430 min
Delta R.T.: 0.000 min
Response: 57289
Conc: 0.37 ug/ml



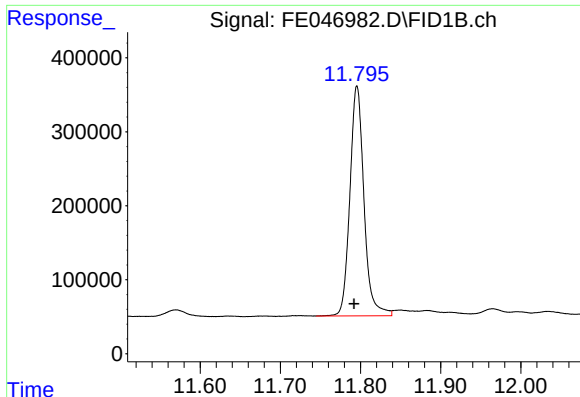
#7 n-Hexadecane (C16)

R.T.: 10.038 min
Delta R.T.: 0.000 min
Response: 124462
Conc: 0.78 ug/ml



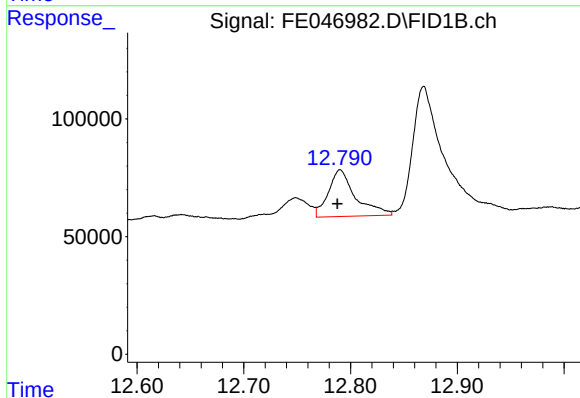
#8 n-Octadecane (C18)

R.T.: 11.480 min
Delta R.T.: 0.000 min
Response: 201880
Conc: 1.27 ug/ml



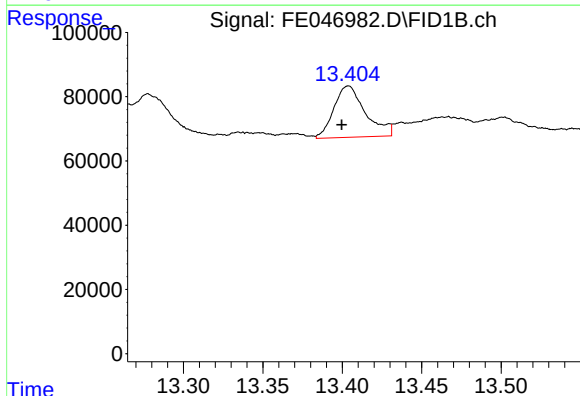
#9 ortho-Terphenyl (SURR)

R.T.: 11.796 min
Delta R.T.: 0.004 min
Response: 3791644
Conc: 23.08 ug/ml



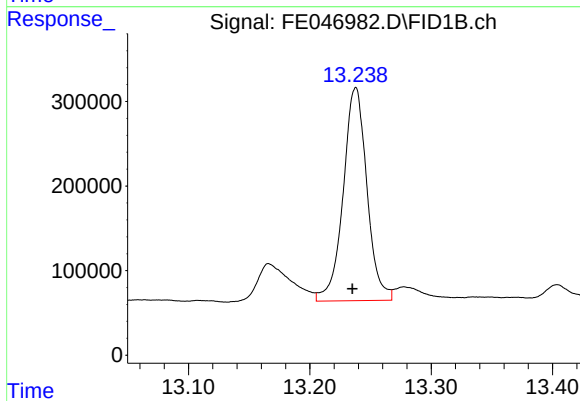
#10 n-Eicosane (C20)

R.T.: 12.790 min
Delta R.T.: 0.003 min
Response: 350188
Conc: 2.31 ug/ml



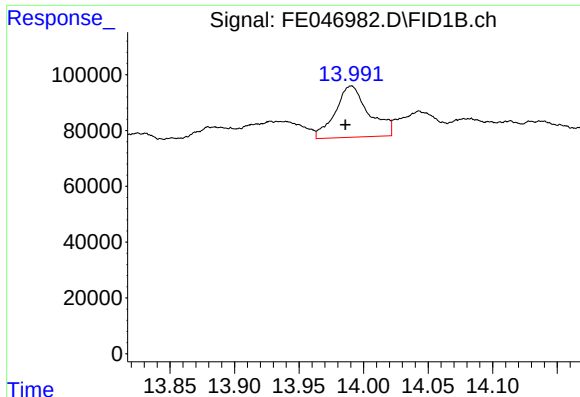
#11 n-Heneicosane (C21)

R.T.: 13.404 min
Delta R.T.: 0.004 min
Response: 221758
Conc: 1.50 ug/ml



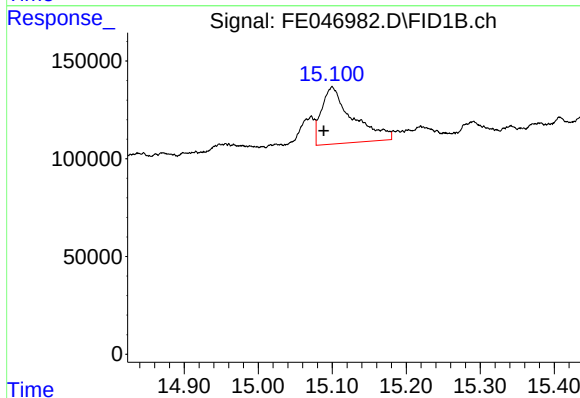
#12 1-chlorooctadecane (SURR)

R.T.: 13.238 min
Delta R.T.: 0.003 min
Response: 3433943
Conc: 27.90 ug/ml



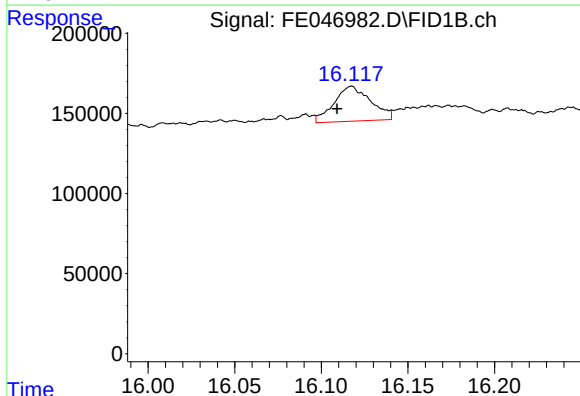
#13 n-Docosane (C22)

R.T.: 13.990 min
Delta R.T.: 0.004 min
Response: 333306
Conc: 2.29 ug/ml



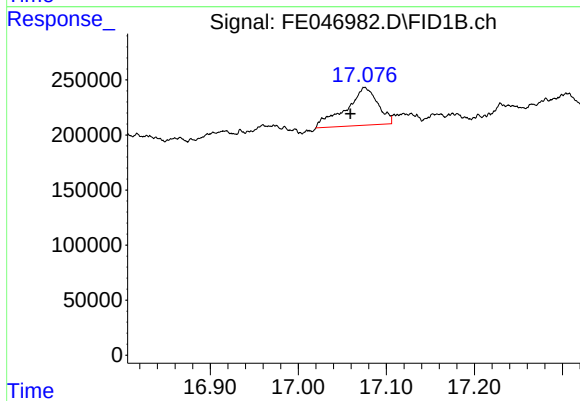
#14 n-Tetracosane (C24)

R.T.: 15.100 min
Delta R.T.: 0.011 min
Response: 842982
Conc: 5.90 ug/ml



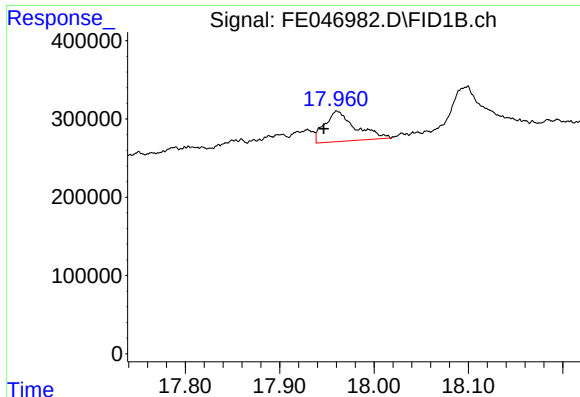
#15 n-Hexacosane (C26)

R.T.: 16.117 min
Delta R.T.: 0.008 min
Response: 321504
Conc: 2.30 ug/ml



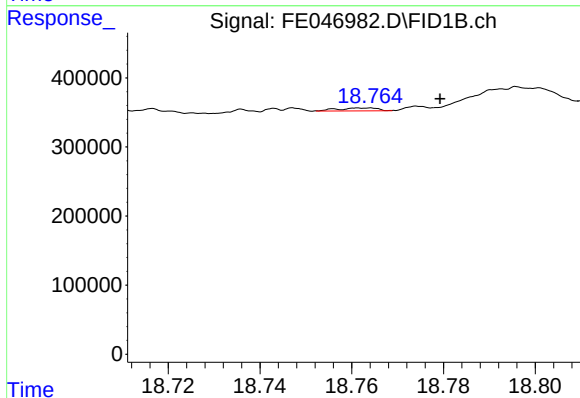
#16 n-Octacosane (C28)

R.T.: 17.075 min
Delta R.T.: 0.016 min
Response: 860096
Conc: 6.31 ug/ml



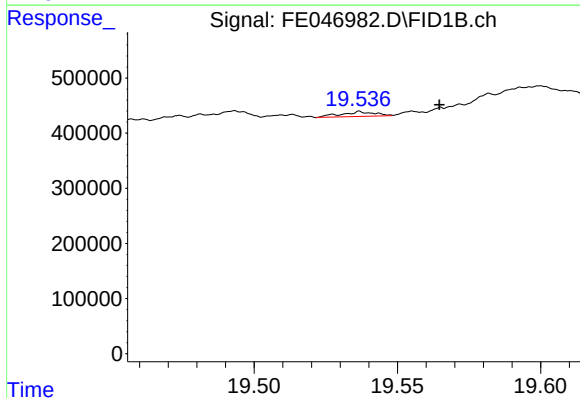
#17 n-Tricontane (C30)

R.T.: 17.961 min
Delta R.T.: 0.014 min
Response: 877923
Conc: 6.29 ug/ml



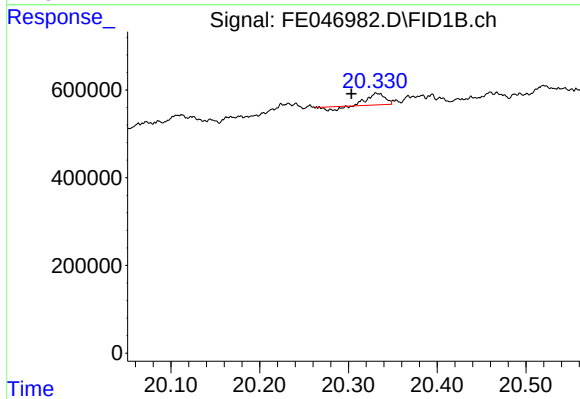
#18 n-Dotriacontane (C32)

R.T.: 18.763 min
Delta R.T.: -0.017 min
Response: 25188
Conc: 0.18 ug/ml



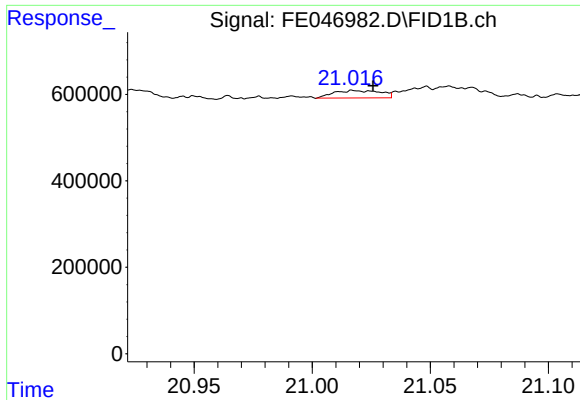
#19 n-Tetratriacontane (C34)

R.T.: 19.537 min
Delta R.T.: -0.027 min
Response: 70667
Conc: 0.53 ug/ml



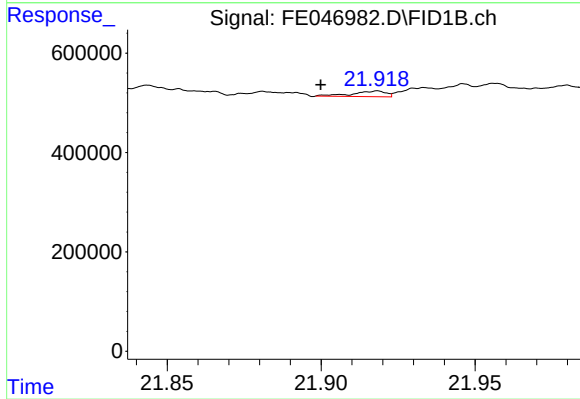
#20 n-Hexatriacontane (C36)

R.T.: 20.331 min
Delta R.T.: 0.028 min
Response: 287955
Conc: 2.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.018 min
Delta R.T.: -0.008 min
Response: 238959
Conc: 1.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.918 min
Delta R.T.: 0.018 min
Response: 83425
Conc: 0.59 ug/ml