

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021423AL\
 Data File : FE040350.D
 Signal(s) : FID1B.ch
 Acq On : 14 Feb 2023 17:06
 Operator : YP\AJ
 Sample : 01526-02DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 14 21:24:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.890	895735	5.534 ug/ml
Spiked Amount 50.000		Recovery =	11.07%
12) S 1-chlorooctadecane (S...	13.329	1032120	8.322 ug/ml
Spiked Amount 50.000		Recovery =	16.64%
Target Compounds			
6) T n-Tetradecane (C14)	8.526	90364	0.656 ug/ml
7) T n-Hexadecane (C16)	10.133	130286	0.908 ug/ml
8) T n-Octadecane (C18)	11.575	119344	0.802 ug/ml
10) T n-Eicosane (C20)	12.885	210749	1.433 ug/ml
11) T n-Heneicosane (C21)	13.497	96360	0.653 ug/ml
13) T n-Docosane (C22)	14.083	96119	0.649 ug/ml
14) T n-Tetracosane (C24)	15.175	544331	3.586 ug/ml
15) T n-Hexacosane (C26)	16.209	31910	0.215 ug/ml
16) T n-Octacosane (C28)	17.179	210518	1.405 ug/ml
17) T n-Tricontane (C30)	18.048	84661	0.574 ug/ml
18) T n-Dotriacontane (C32)	18.884	143252	0.978 ug/ml
19) T n-Tetratriacontane (C34)	19.667	54663	0.397 ug/ml
20) T n-Hexatriacontane (C36)	20.413	62115	0.468 ug/ml
21) T n-Octatriacontane (C38)	21.142	65105	0.502 ug/ml
22) T n-Tetracontane (C40)	22.038	92839	0.699 ug/ml

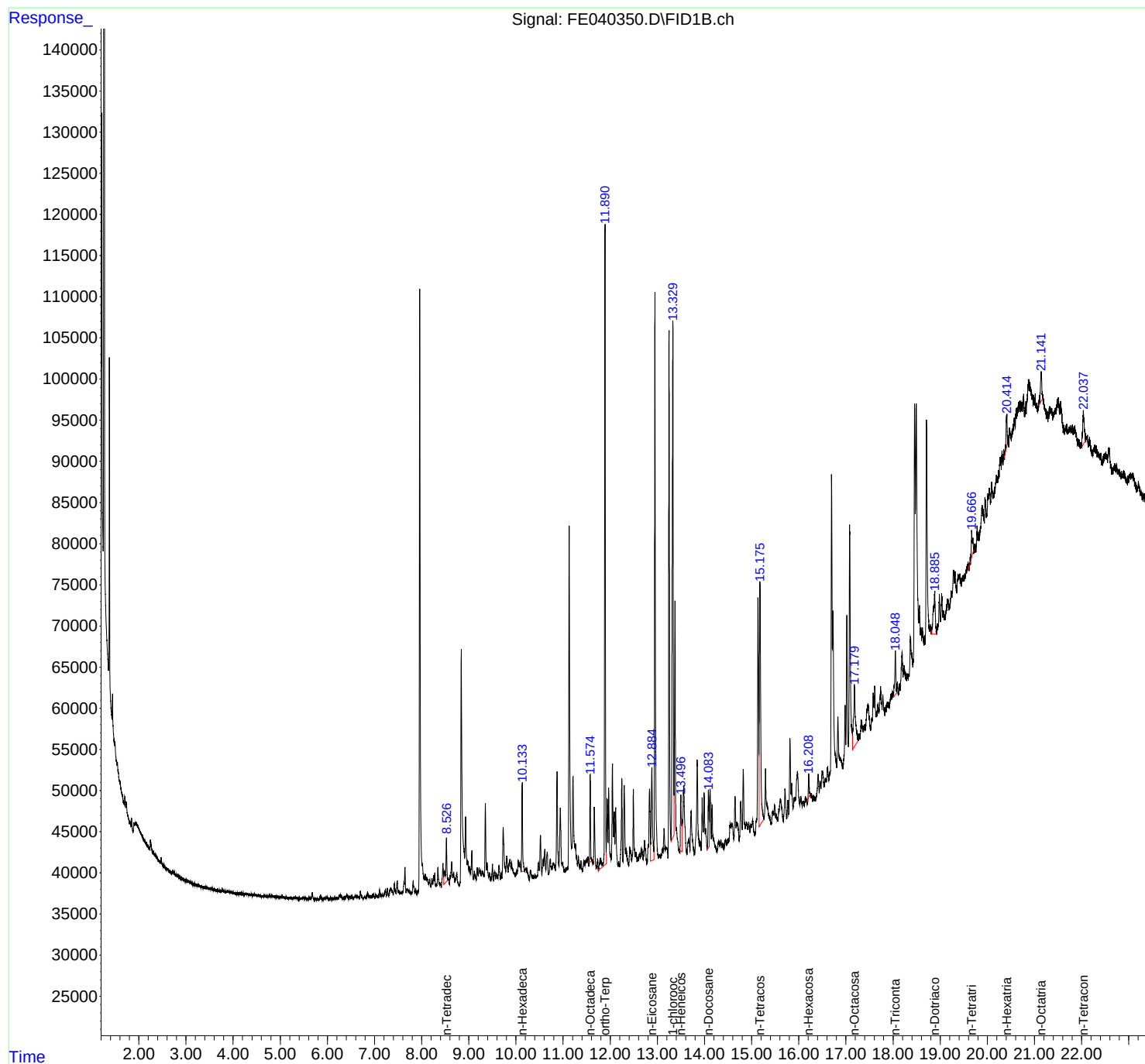
(f)=RT Delta > 1/2 Window

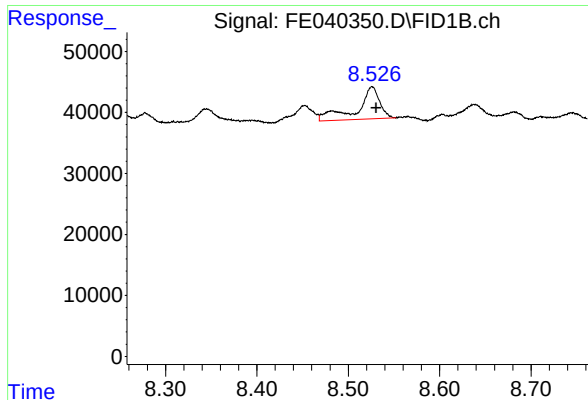
(m)=manual int.

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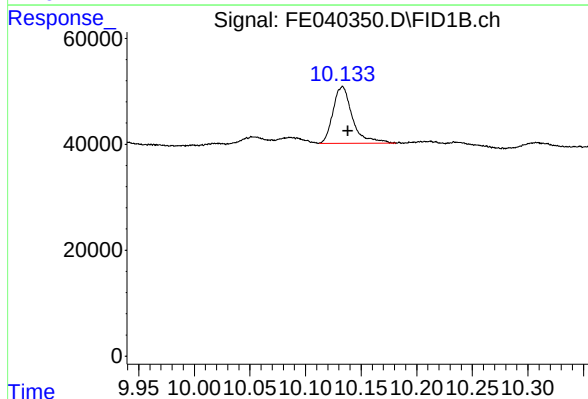
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Signal Info : 20M x 0.18mm x 0.18um





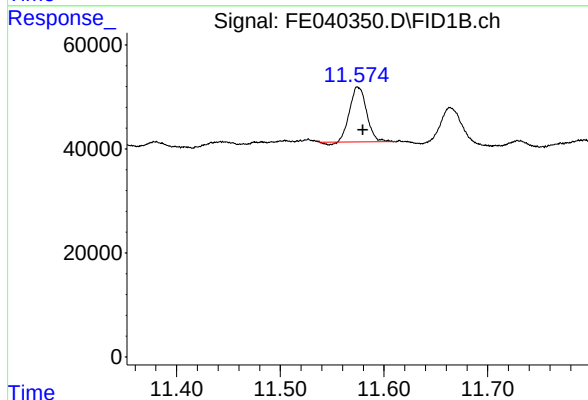
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.004 min
Response: 90364
Conc: 0.66 ug/ml



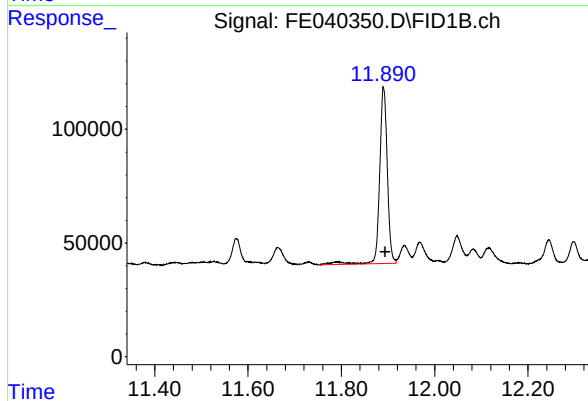
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: -0.005 min
Response: 130286
Conc: 0.91 ug/ml



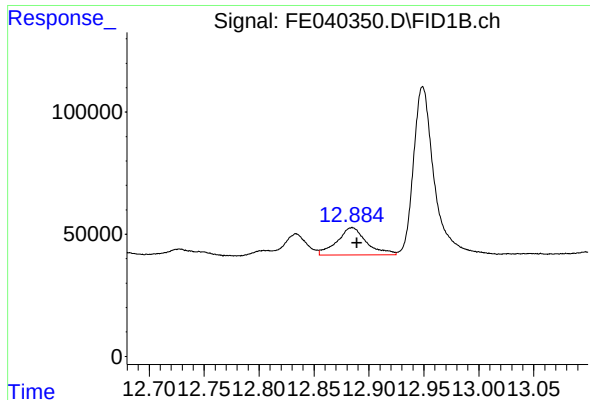
#8 n-Octadecane (C18)

R.T.: 11.575 min
Delta R.T.: -0.005 min
Response: 119344
Conc: 0.80 ug/ml



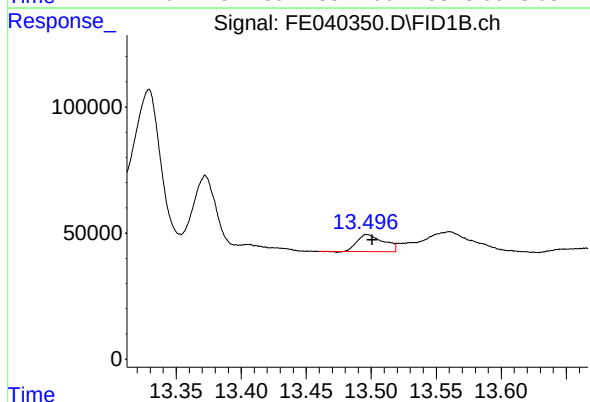
#9 ortho-Terphenyl (SURR)

R.T.: 11.890 min
Delta R.T.: -0.004 min
Response: 895735
Conc: 5.53 ug/ml



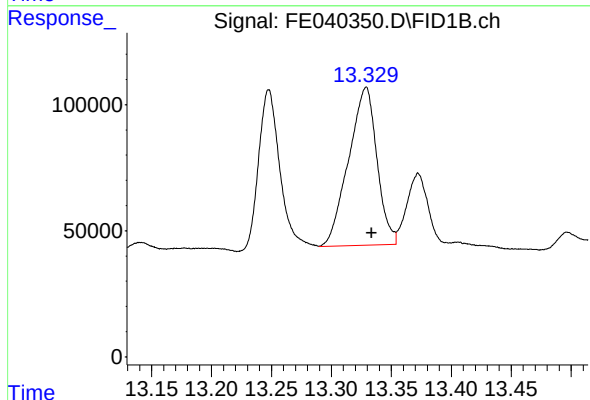
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: -0.005 min
Response: 210749
Conc: 1.43 ug/ml



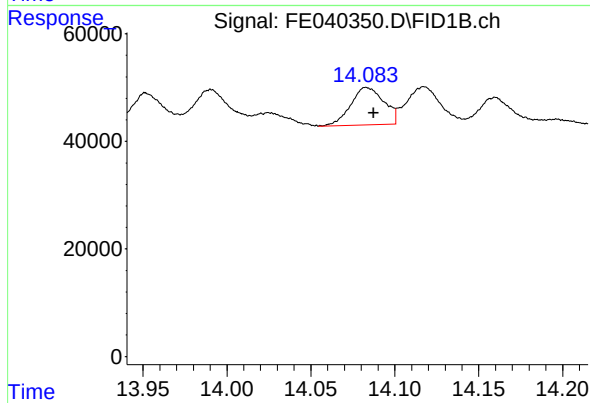
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: -0.004 min
Response: 96360
Conc: 0.65 ug/ml



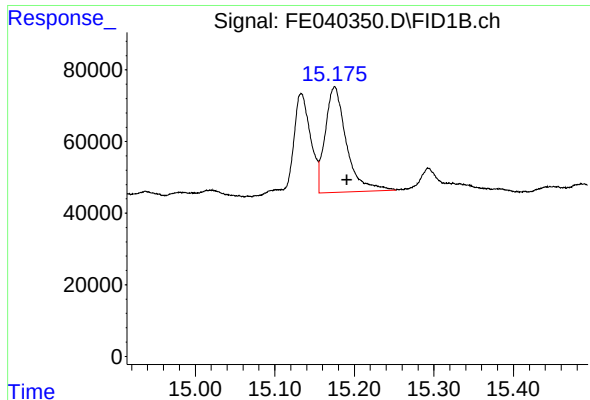
#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min
Delta R.T.: -0.005 min
Response: 1032120
Conc: 8.32 ug/ml



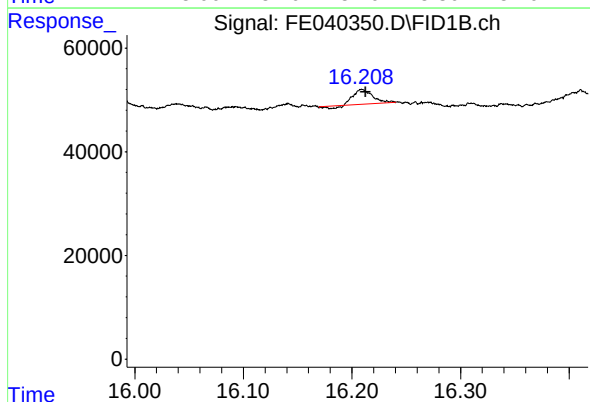
#13 n-Docosane (C22)

R.T.: 14.083 min
Delta R.T.: -0.005 min
Response: 96119
Conc: 0.65 ug/ml



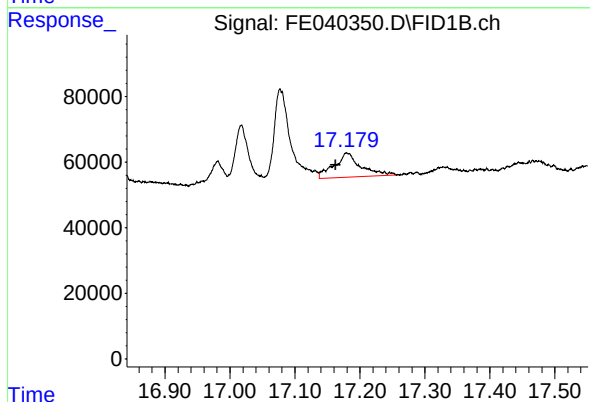
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: -0.015 min
Response: 544331
Conc: 3.59 ug/ml



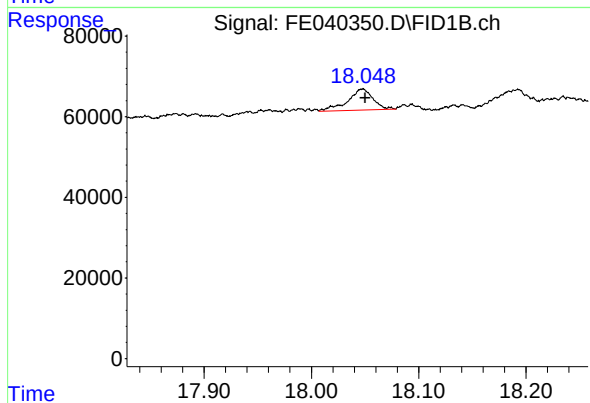
#15 n-Hexacosane (C26)

R.T.: 16.209 min
Delta R.T.: -0.003 min
Response: 31910
Conc: 0.22 ug/ml



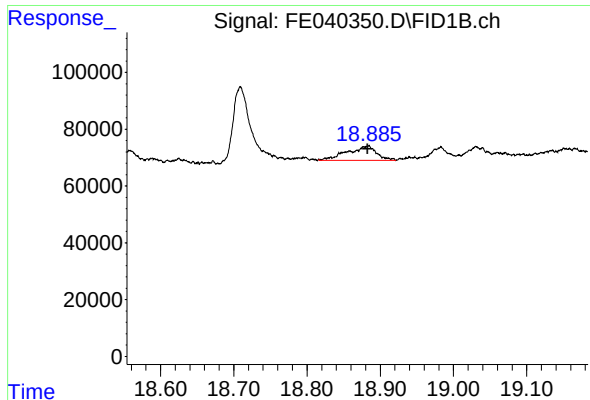
#16 n-Octacosane (C28)

R.T.: 17.179 min
Delta R.T.: 0.017 min
Response: 210518
Conc: 1.40 ug/ml



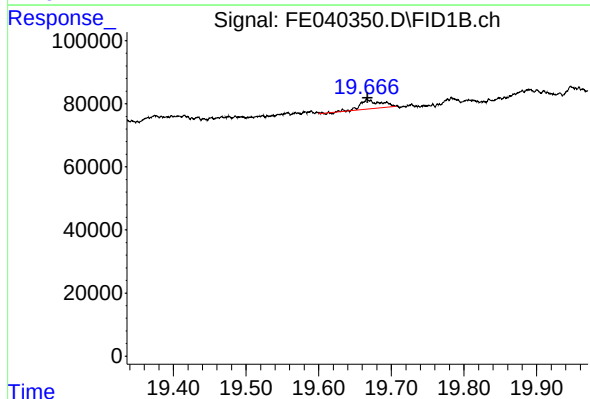
#17 n-Tricontane (C30)

R.T.: 18.048 min
Delta R.T.: -0.003 min
Response: 84661
Conc: 0.57 ug/ml



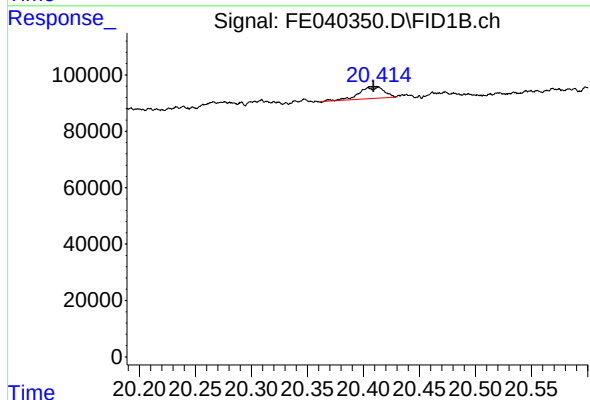
#18 n-Dotriacontane (C32)

R.T.: 18.884 min
Delta R.T.: 0.002 min
Response: 143252
Conc: 0.98 ug/ml



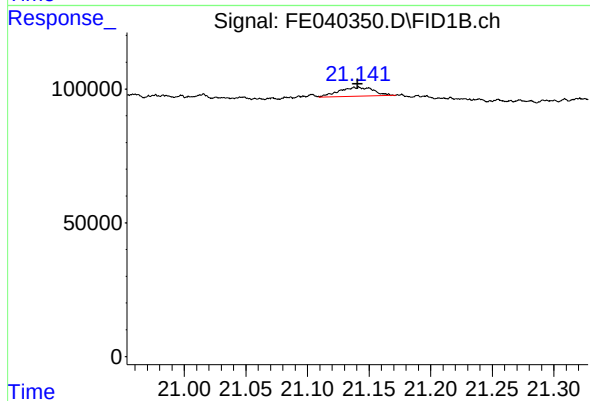
#19 n-Tetratriacontane (C34)

R.T.: 19.667 min
Delta R.T.: 0.000 min
Response: 54663
Conc: 0.40 ug/ml



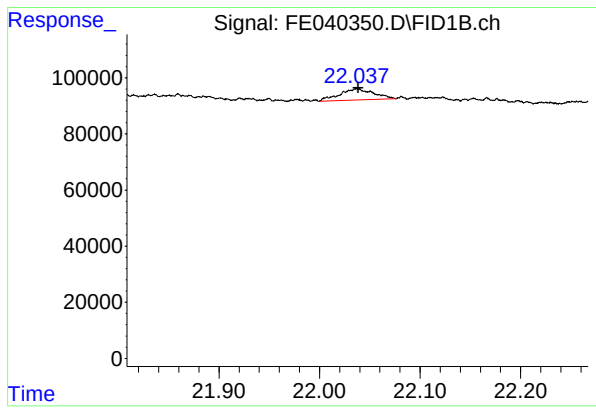
#20 n-Hexatriacontane (C36)

R.T.: 20.413 min
Delta R.T.: 0.004 min
Response: 62115
Conc: 0.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.142 min
Delta R.T.: 0.000 min
Response: 65105
Conc: 0.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.038 min
Delta R.T.: -0.001 min
Response: 92839
Conc: 0.70 ug/ml