

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121823AL\
 Data File : FE045894.D
 Signal(s) : FID1B.ch
 Acq On : 18 Dec 2023 18:38
 Operator : YP\AJ
 Sample : 05883-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 18 23:22:48 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)	11.845	4843760	23.163 ug/ml
Spiked Amount 50.000		Recovery =	46.33%
12) S 1-chlorooctadecane (S...	13.289	3867788	24.581 ug/ml
Spiked Amount 50.000		Recovery =	49.16%
Target Compounds			
4) T n-Dodecane (C12)	6.648	64860	0.402 ug/ml
6) T n-Tetradecane (C14)	8.475	125725	0.784 ug/ml
7) T n-Hexadecane (C16)	10.085	147046	0.888 ug/ml
8) T n-Octadecane (C18)	11.530	142628	0.832 ug/ml
10) T n-Eicosane (C20)	12.844	217602	1.258 ug/ml
11) T n-Heneicosane (C21)	13.458	147749	0.859 ug/ml
13) T n-Docosane (C22)	14.070	139882	0.811 ug/ml
14) T n-Tetracosane (C24)	15.130	534523	3.062 ug/ml
15) T n-Hexacosane (C26)	16.179	112461	0.646 ug/ml
16) T n-Octacosane (C28)	17.144	378870	2.192 ug/ml
17) T n-Tricontane (C30)	18.017	253424	1.449 ug/ml
18) T n-Dotriacontane (C32)	18.874	52389	0.287 ug/ml
19) T n-Tetratriacontane (C34)	19.655	298299	1.798 ug/ml
20) T n-Hexatriacontane (C36)	20.398	68722	0.433 ug/ml
21) T n-Octatriacontane (C38)	21.088	67142	0.428 ug/ml
22) T n-Tetracontane (C40)	22.022	267760	1.884 ug/ml

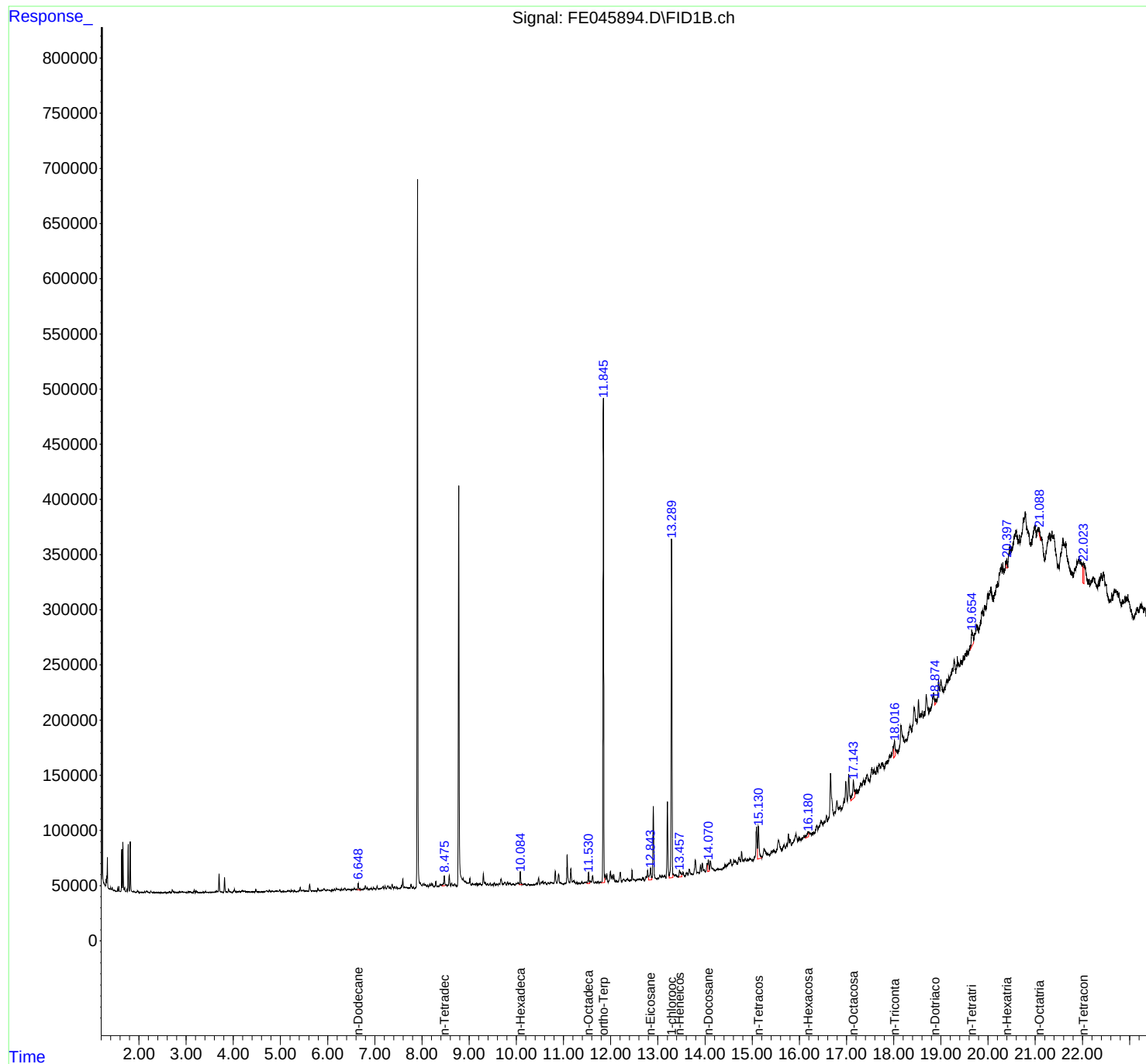
(f)=RT Delta > 1/2 Window

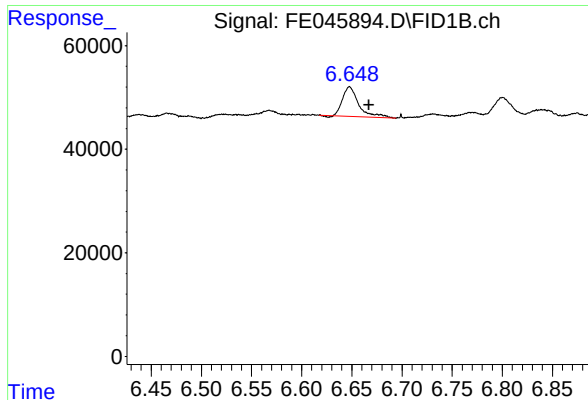
(m)=manual int.

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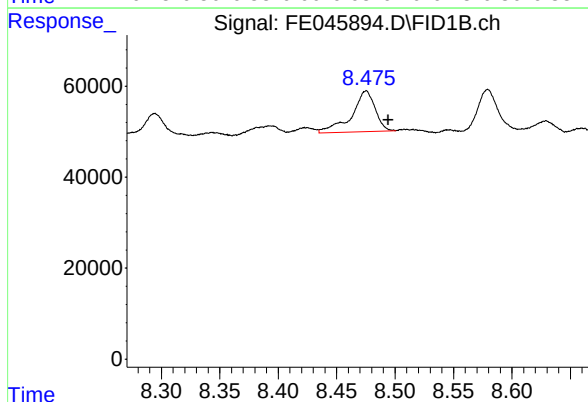
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





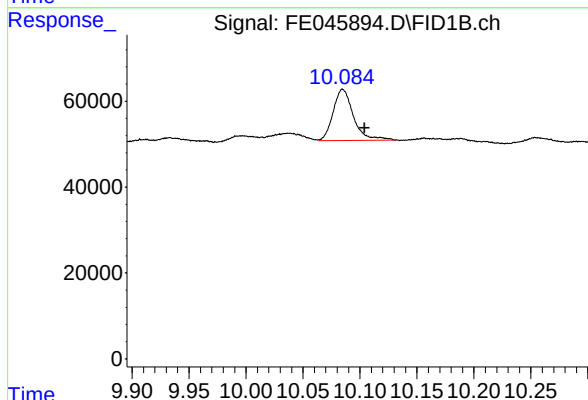
#4 n-Dodecane (C12)

R.T.: 6.648 min
Delta R.T.: -0.019 min
Response: 64860
Conc: 0.40 ug/ml



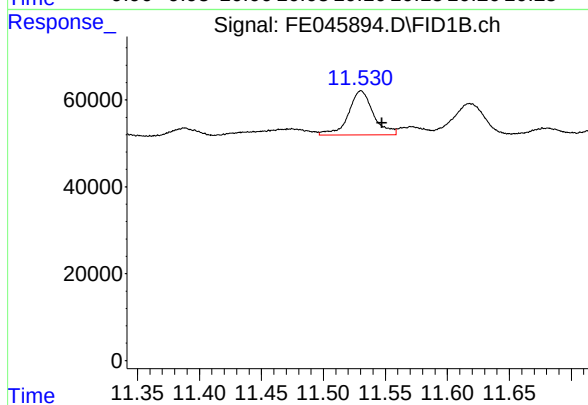
#6 n-Tetradecane (C14)

R.T.: 8.475 min
Delta R.T.: -0.019 min
Response: 125725
Conc: 0.78 ug/ml



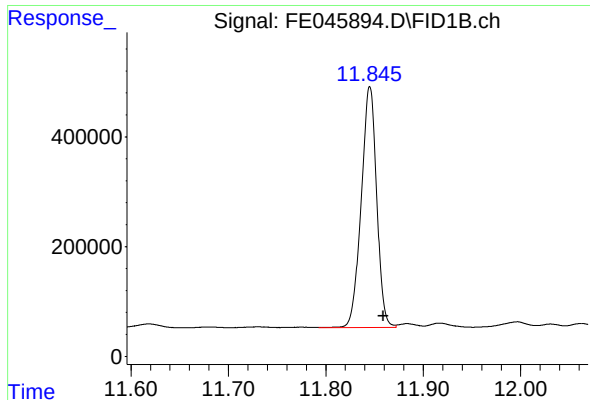
#7 n-Hexadecane (C16)

R.T.: 10.085 min
Delta R.T.: -0.019 min
Response: 147046
Conc: 0.89 ug/ml



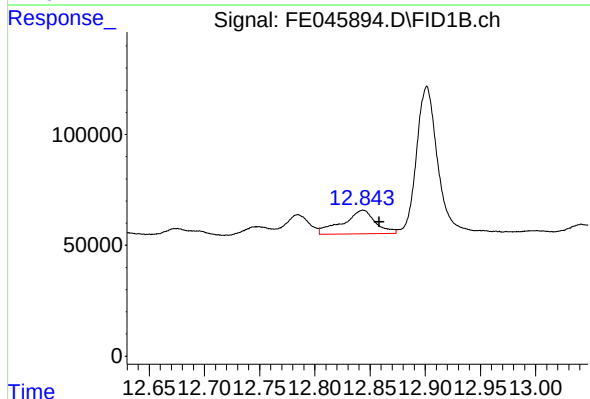
#8 n-Octadecane (C18)

R.T.: 11.530 min
Delta R.T.: -0.017 min
Response: 142628
Conc: 0.83 ug/ml



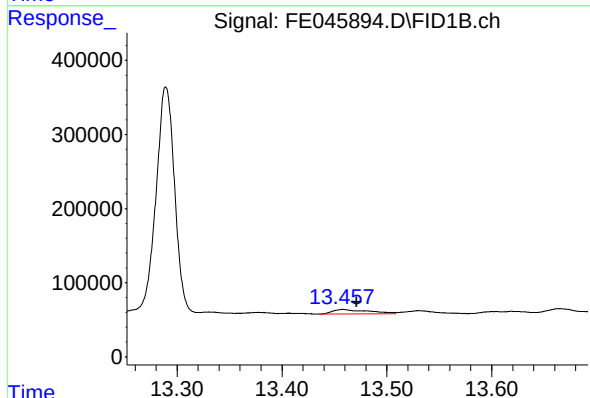
#9 ortho-Terphenyl (SURR)

R.T.: 11.845 min
Delta R.T.: -0.014 min
Response: 4843760
Conc: 23.16 ug/ml



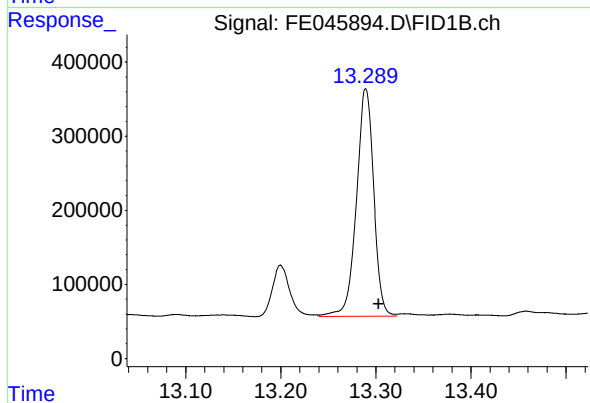
#10 n-Eicosane (C20)

R.T.: 12.844 min
Delta R.T.: -0.015 min
Response: 217602
Conc: 1.26 ug/ml



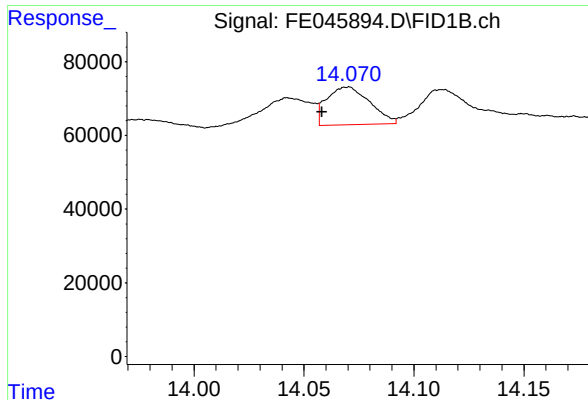
#11 n-Heneicosane (C21)

R.T.: 13.458 min
Delta R.T.: -0.013 min
Response: 147749
Conc: 0.86 ug/ml



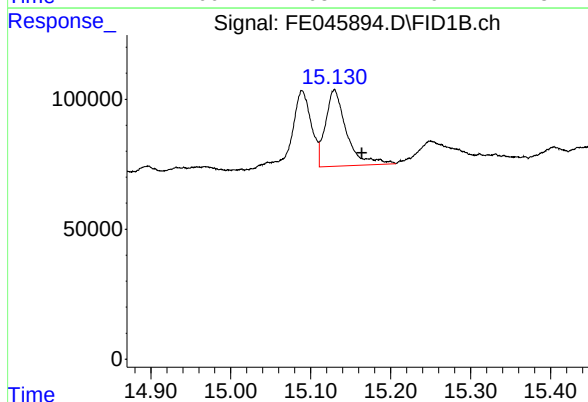
#12 1-chlorooctadecane (SURR)

R.T.: 13.289 min
Delta R.T.: -0.014 min
Response: 3867788
Conc: 24.58 ug/ml



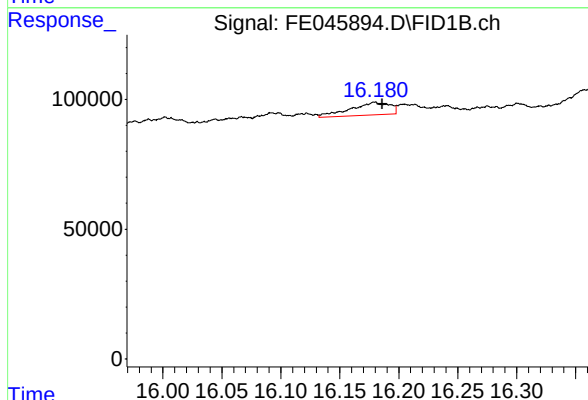
#13 n-Docosane (C22)

R.T.: 14.070 min
Delta R.T.: 0.012 min
Response: 139882
Conc: 0.81 ug/ml



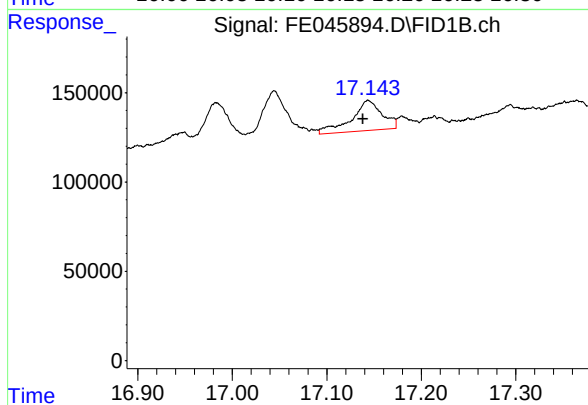
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.034 min
Response: 534523
Conc: 3.06 ug/ml



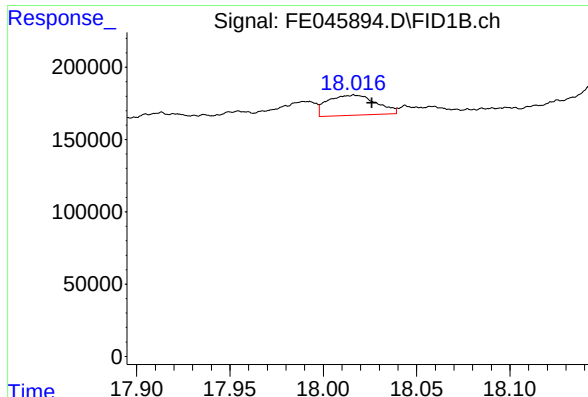
#15 n-Hexacosane (C26)

R.T.: 16.179 min
Delta R.T.: -0.007 min
Response: 112461
Conc: 0.65 ug/ml



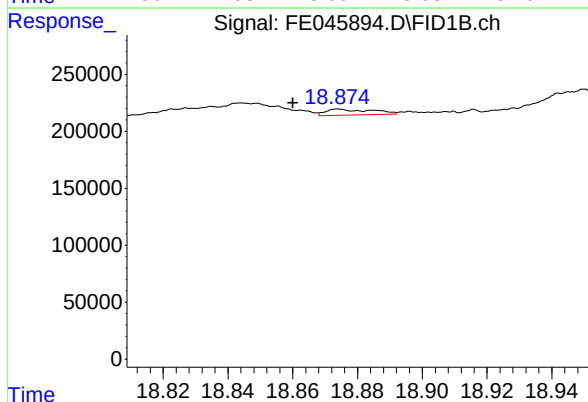
#16 n-Octacosane (C28)

R.T.: 17.144 min
Delta R.T.: 0.005 min
Response: 378870
Conc: 2.19 ug/ml



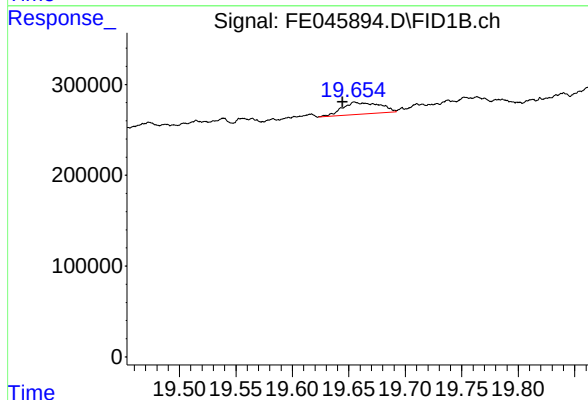
#17 n-Tricontane (C30)

R.T.: 18.017 min
Delta R.T.: -0.009 min
Response: 253424
Conc: 1.45 ug/ml



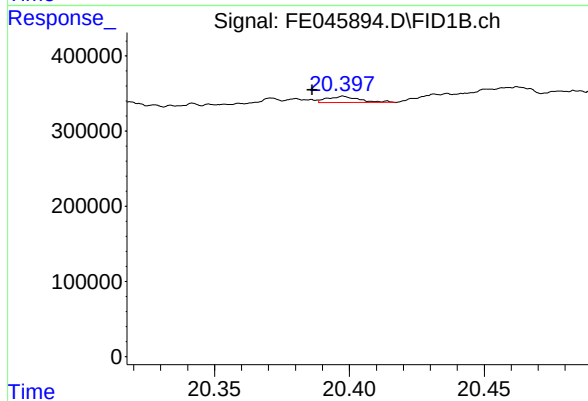
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: 0.014 min
Response: 52389
Conc: 0.29 ug/ml



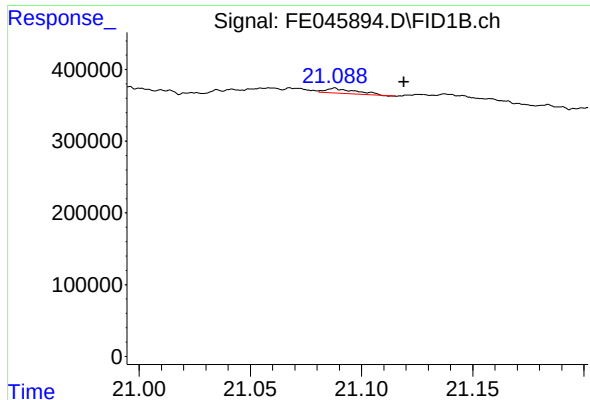
#19 n-Tetatriacontane (C34)

R.T.: 19.655 min
Delta R.T.: 0.011 min
Response: 298299
Conc: 1.80 ug/ml



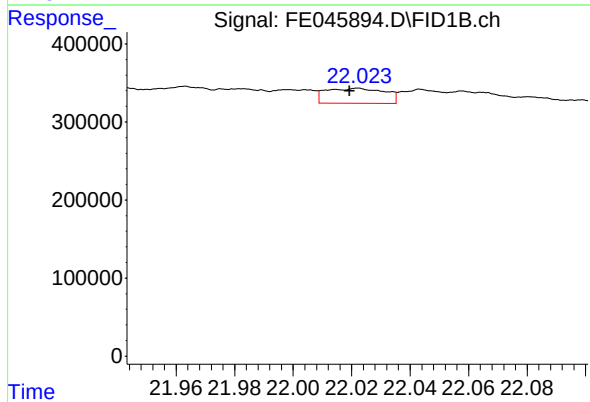
#20 n-Hexatriacontane (C36)

R.T.: 20.398 min
Delta R.T.: 0.012 min
Response: 68722
Conc: 0.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: -0.031 min
Response: 67142
Conc: 0.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.022 min
Delta R.T.: 0.003 min
Response: 267760
Conc: 1.88 ug/ml