

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031723AL\
 Data File : FE040878.D
 Signal(s) : FID1B.ch
 Acq On : 17 Mar 2023 21:11
 Operator : YP\AJ
 Sample : 01964-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 18 00:33:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.876	8005338	42.852 ug/ml
Spiked Amount 50.000		Recovery =	85.70%
12) S 1-chlorooctadecane (S...	13.314	6418046	43.364 ug/ml
Spiked Amount 50.000		Recovery =	86.73%
Target Compounds			
6) T n-Tetradecane (C14)	8.507	50159	0.325 ug/ml
7) T n-Hexadecane (C16)	10.115	28071	0.174 ug/ml
8) T n-Octadecane (C18)	11.557	28077	0.165 ug/ml
10) T n-Eicosane (C20)	12.864	49858	0.295 ug/ml
11) T n-Heneicosane (C21)	13.479	23621	0.138 ug/ml
13) T n-Docosane (C22)	14.066	36047	0.210 ug/ml
14) T n-Tetracosane (C24)	15.164	479691	2.783 ug/ml
15) T n-Hexacosane (C26)	16.188	230396	1.356 ug/ml
16) T n-Octacosane (C28)	17.143	95689	0.571 ug/ml
17) T n-Tricontane (C30)	18.031	111075	0.680 ug/ml
18) T n-Dotriacontane (C32)	18.858	234752	1.372 ug/ml
19) T n-Tetratriacontane (C34)	19.653	59159	0.383 ug/ml
20) T n-Hexatriacontane (C36)	20.393	56518	0.389 ug/ml
21) T n-Octatriacontane (C38)	21.119	66926	0.487 ug/ml
22) T n-Tetracontane (C40)	22.011	187574	1.214 ug/ml

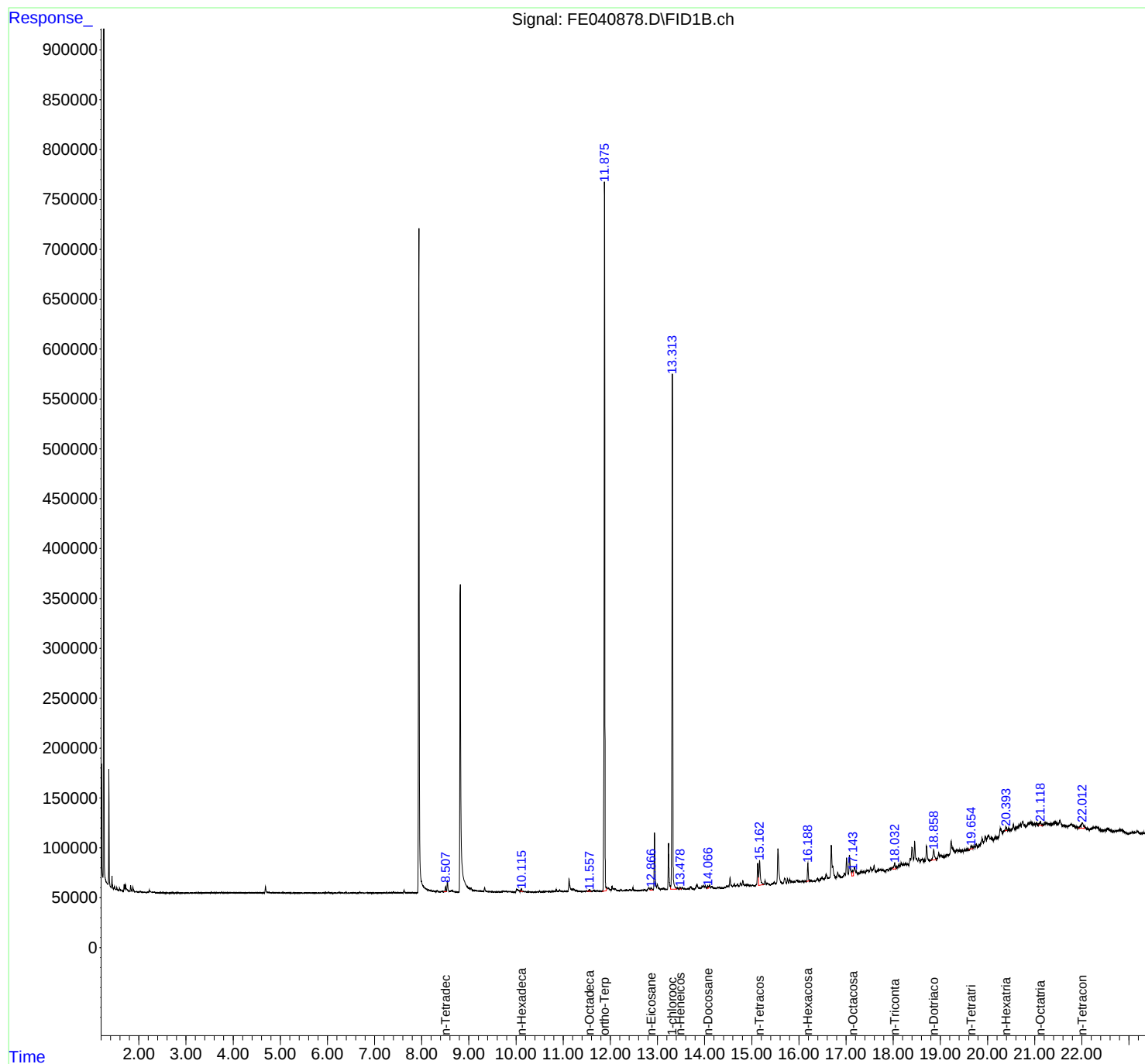
(f)=RT Delta > 1/2 Window

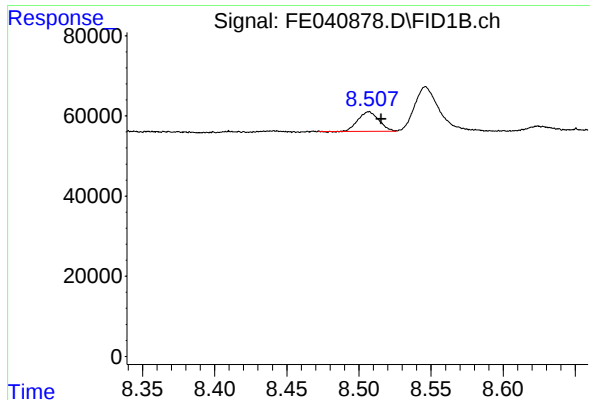
(m)=manual int.

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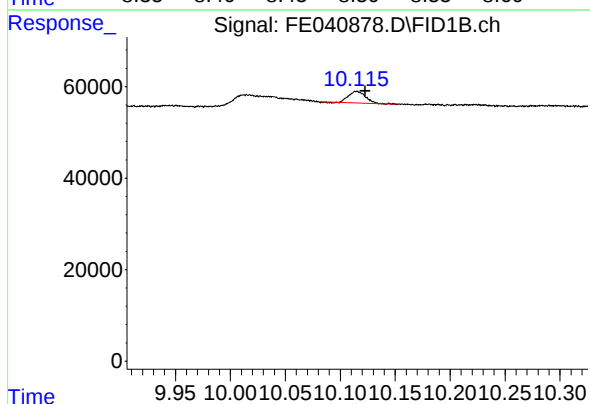
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





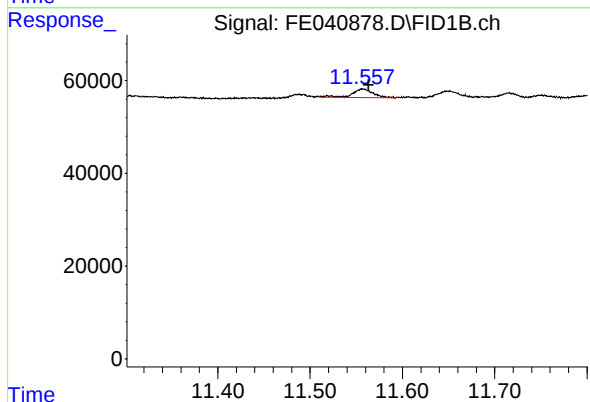
#6 n-Tetradecane (C14)

R.T.: 8.507 min
Delta R.T.: -0.008 min
Response: 50159
Conc: 0.32 ug/ml



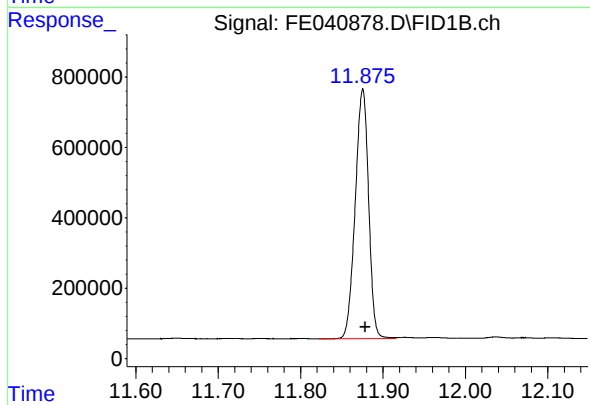
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.008 min
Response: 28071
Conc: 0.17 ug/ml



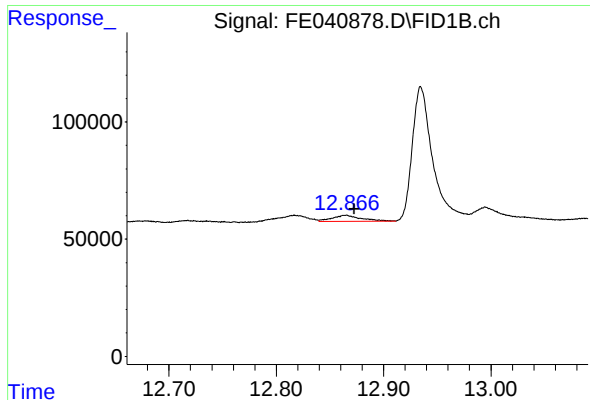
#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: -0.006 min
Response: 28077
Conc: 0.17 ug/ml



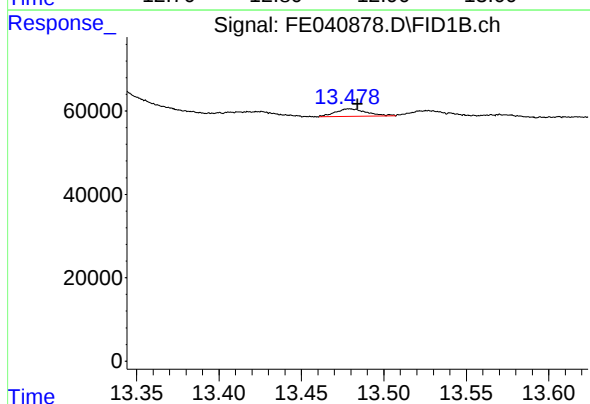
#9 ortho-Terphenyl (SURR)

R.T.: 11.876 min
Delta R.T.: -0.003 min
Response: 8005338
Conc: 42.85 ug/ml



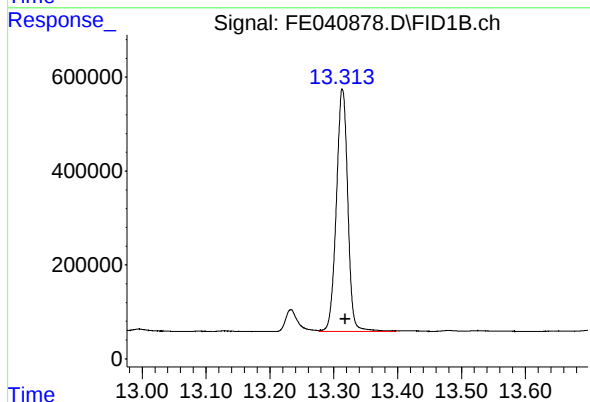
#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.008 min
Response: 49858
Conc: 0.29 ug/ml



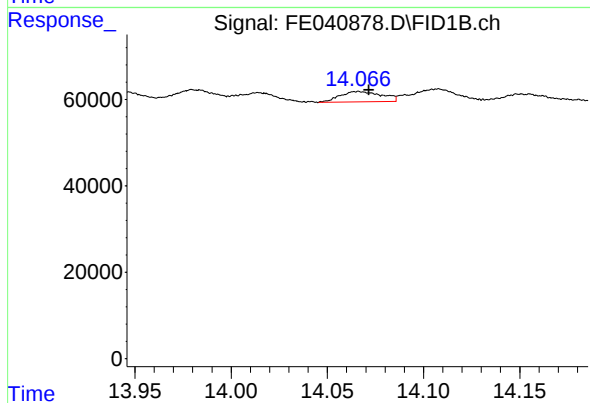
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: -0.005 min
Response: 23621
Conc: 0.14 ug/ml



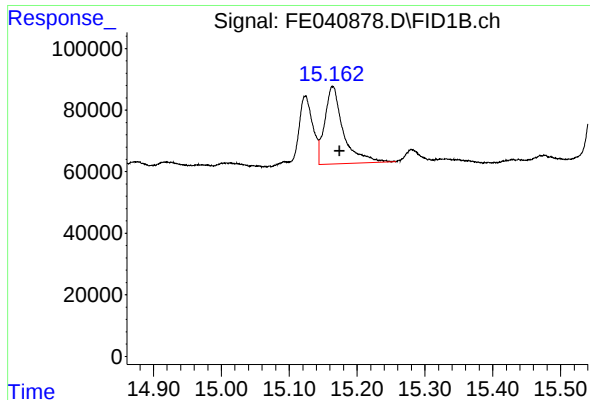
#12 1-chlorooctadecane (SURR)

R.T.: 13.314 min
Delta R.T.: -0.005 min
Response: 6418046
Conc: 43.36 ug/ml



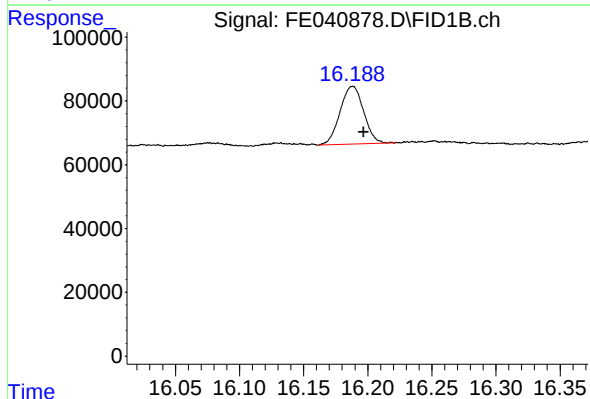
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: -0.006 min
Response: 36047
Conc: 0.21 ug/ml



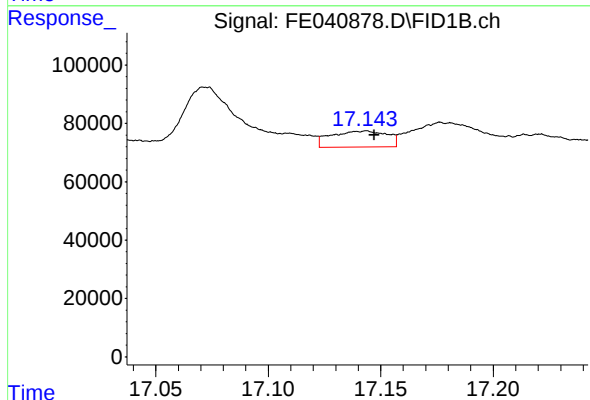
#14 n-Tetracosane (C24)

R.T.: 15.164 min
Delta R.T.: -0.010 min
Response: 479691
Conc: 2.78 ug/ml



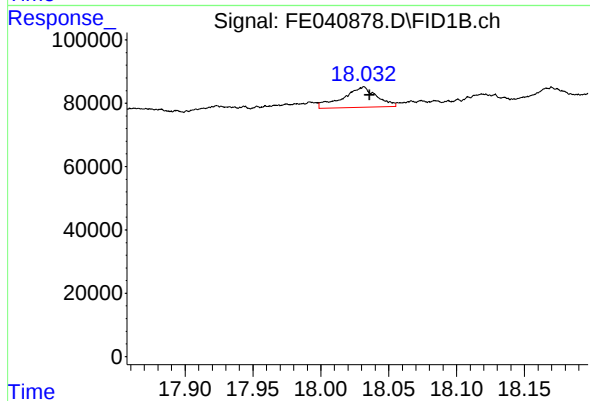
#15 n-Hexacosane (C26)

R.T.: 16.188 min
Delta R.T.: -0.008 min
Response: 230396
Conc: 1.36 ug/ml



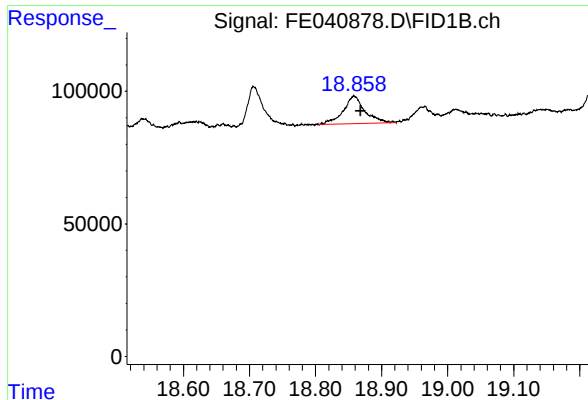
#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: -0.004 min
Response: 95689
Conc: 0.57 ug/ml



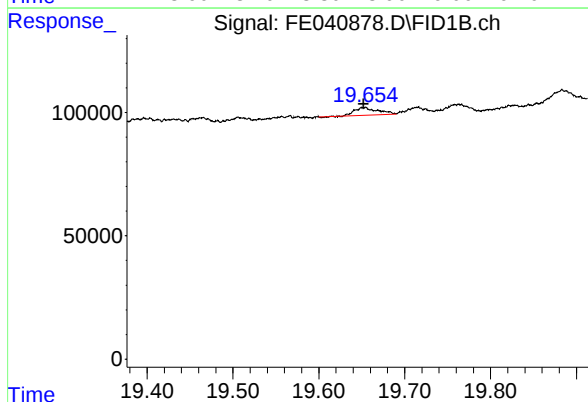
#17 n-Tricontane (C30)

R.T.: 18.031 min
Delta R.T.: -0.005 min
Response: 111075
Conc: 0.68 ug/ml



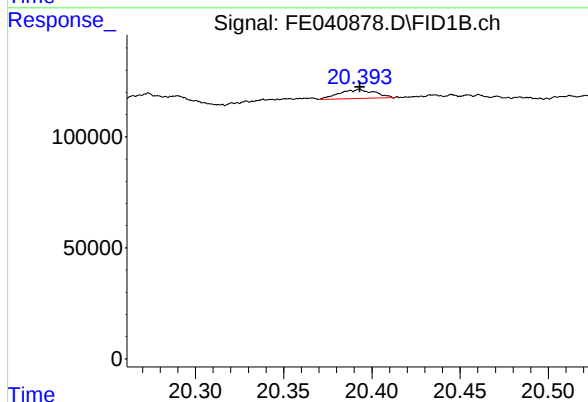
#18 n-Dotriacontane (C32)

R.T.: 18.858 min
Delta R.T.: -0.010 min
Response: 234752
Conc: 1.37 ug/ml



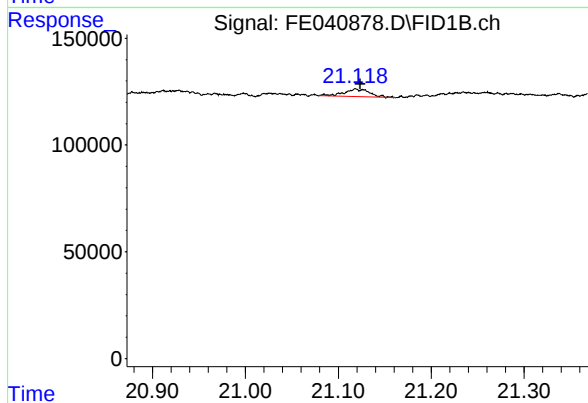
#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: 0.001 min
Response: 59159
Conc: 0.38 ug/ml



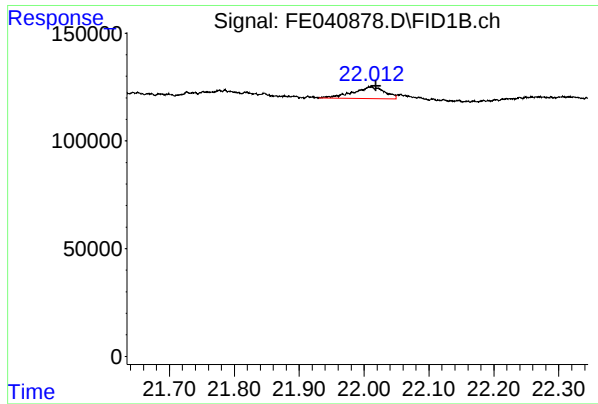
#20 n-Hexatriacontane (C36)

R.T.: 20.393 min
Delta R.T.: 0.000 min
Response: 56518
Conc: 0.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.119 min
Delta R.T.: -0.005 min
Response: 66926
Conc: 0.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.011 min
Delta R.T.: -0.008 min
Response: 187574
Conc: 1.21 ug/ml