

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031523AL\
 Data File : FE040819.D
 Signal(s) : FID1B.ch
 Acq On : 15 Mar 2023 17:21
 Operator : YP\AJ
 Sample : 01919-01D
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 16 03:13:21 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	6043503	32.351 ug/ml
Spiked Amount 50.000		Recovery =	64.70%
12) S 1-chlorooctadecane (S...	13.315	5127978	34.647 ug/ml
Spiked Amount 50.000		Recovery =	69.29%
Target Compounds			
6) T n-Tetradecane (C14)	8.509	31380	0.203 ug/ml
7) T n-Hexadecane (C16)	10.116	42615	0.264 ug/ml
8) T n-Octadecane (C18)	11.558	30155	0.178 ug/ml
10) T n-Eicosane (C20)	12.866	113696	0.672 ug/ml
11) T n-Heneicosane (C21)	13.480	29647	0.173 ug/ml
13) T n-Docosane (C22)	14.067	68546	0.400 ug/ml
14) T n-Tetracosane (C24)	15.163	651866	3.781 ug/ml
15) T n-Hexacosane (C26)	16.193	85939	0.506 ug/ml
16) T n-Octacosane (C28)	17.144	118997	0.710 ug/ml
17) T n-Tricontane (C30)	18.032	252948	1.549 ug/ml
18) T n-Dotriacontane (C32)	18.865	270314	1.579 ug/ml
19) T n-Tetratriacontane (C34)	19.649	181918	1.177 ug/ml
20) T n-Hexatriacontane (C36)	20.391	190193	1.309 ug/ml
21) T n-Octatriacontane (C38)	21.127	119495	0.869 ug/ml
22) T n-Tetracontane (C40)	22.027	108819	0.704 ug/ml

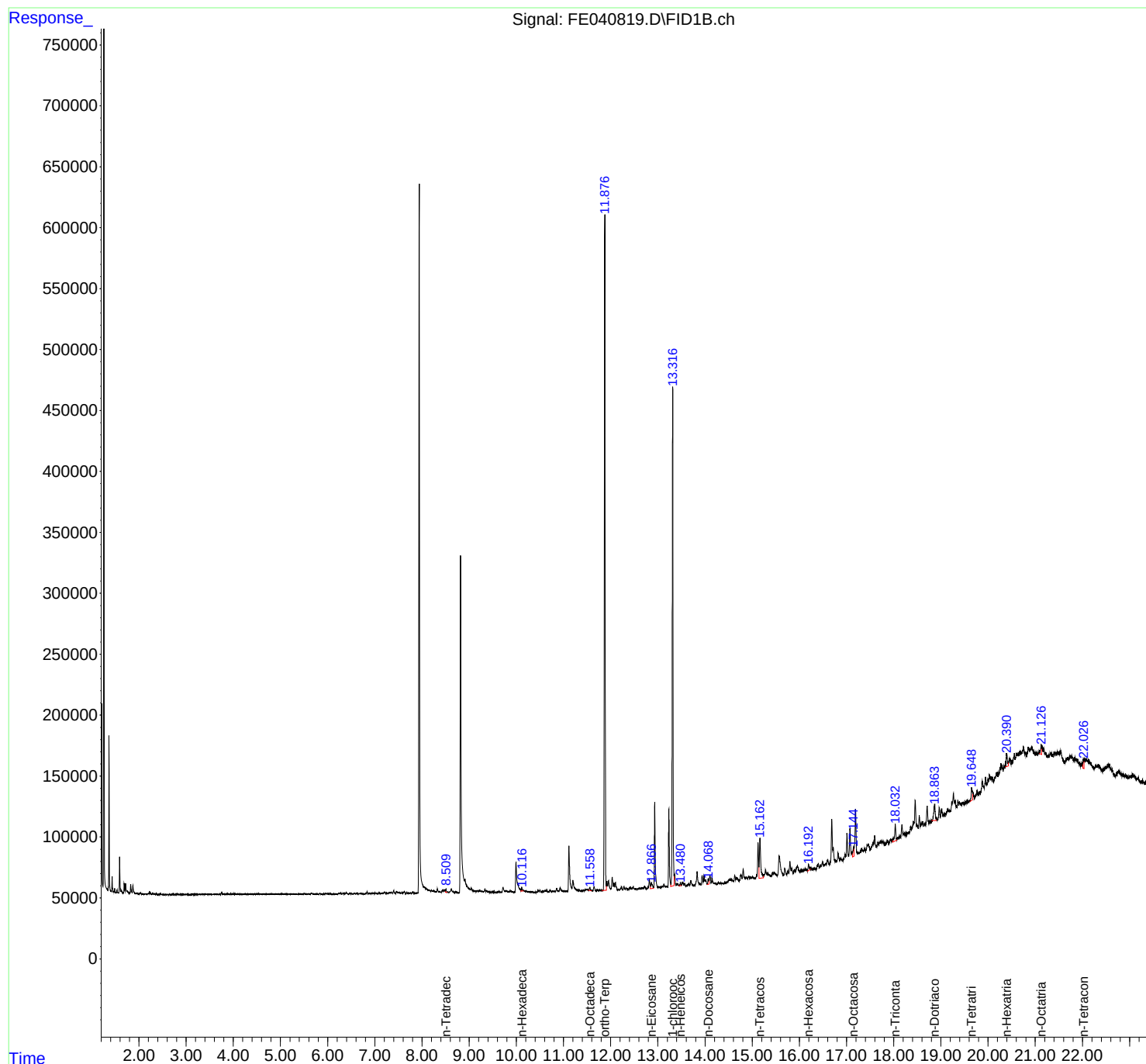
(f)=RT Delta > 1/2 Window

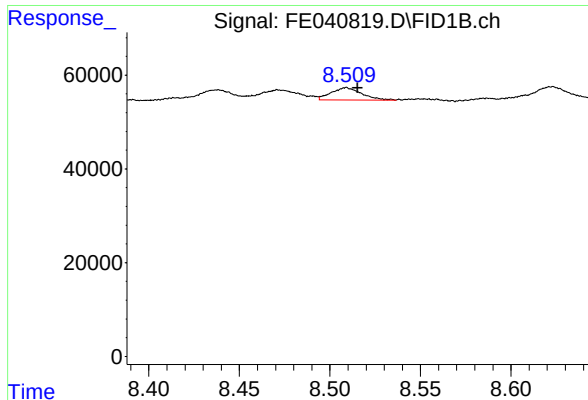
(m)=manual int.

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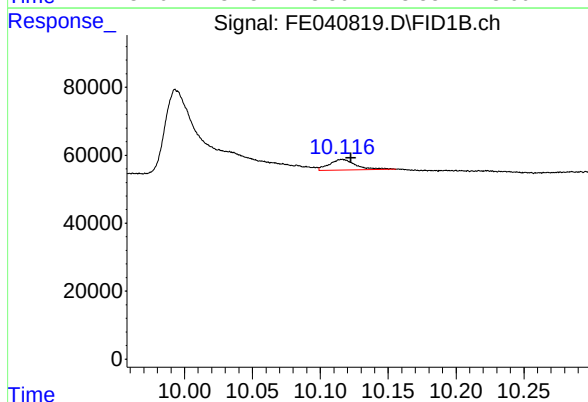
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





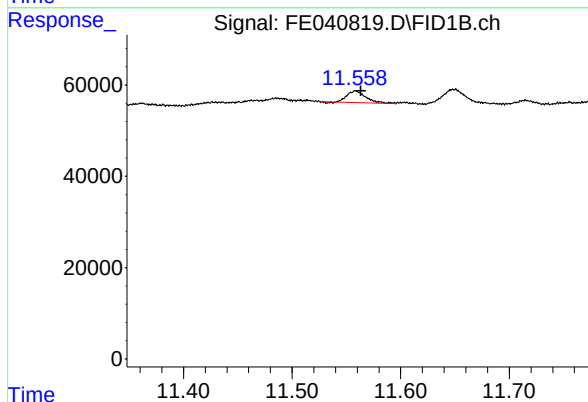
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.006 min
Response: 31380
Conc: 0.20 ug/ml



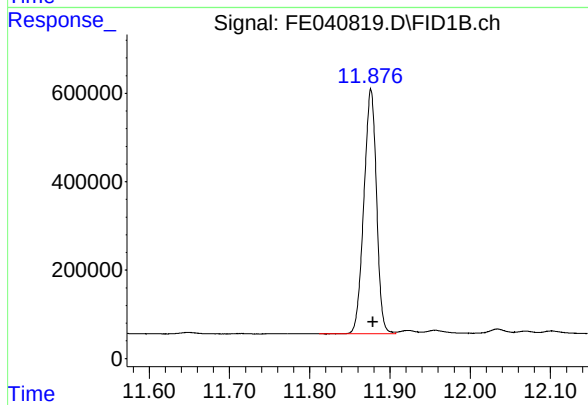
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: -0.006 min
Response: 42615
Conc: 0.26 ug/ml



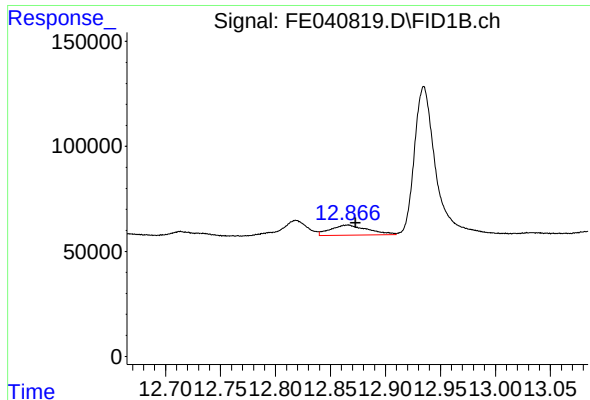
#8 n-Octadecane (C18)

R.T.: 11.558 min
Delta R.T.: -0.005 min
Response: 30155
Conc: 0.18 ug/ml



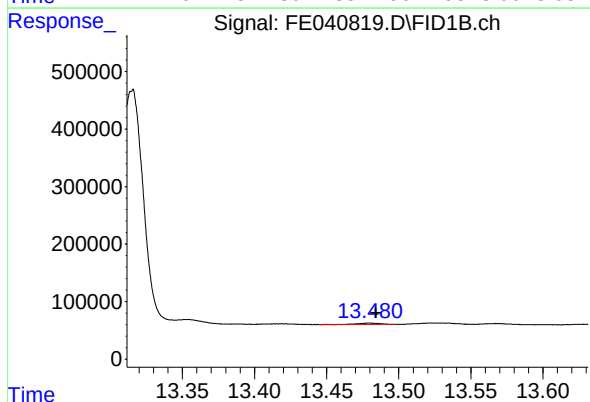
#9 ortho-Terphenyl (SURR)

R.T.: 11.876 min
Delta R.T.: -0.002 min
Response: 6043503
Conc: 32.35 ug/ml



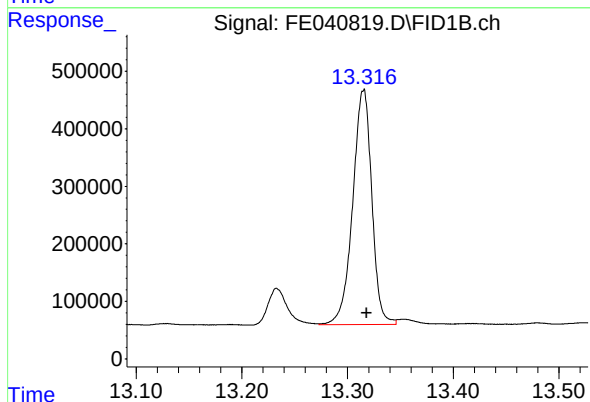
#10 n-Eicosane (C20)

R.T.: 12.866 min
Delta R.T.: -0.007 min
Response: 113696
Conc: 0.67 ug/ml



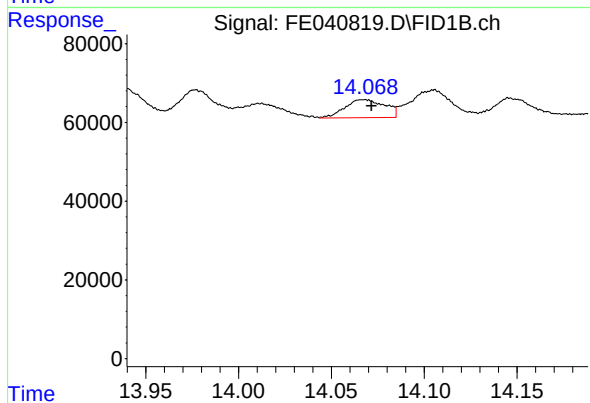
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.005 min
Response: 29647
Conc: 0.17 ug/ml



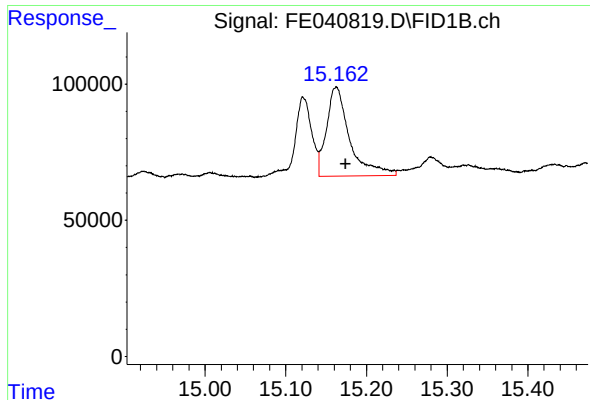
#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min
Delta R.T.: -0.003 min
Response: 5127978
Conc: 34.65 ug/ml



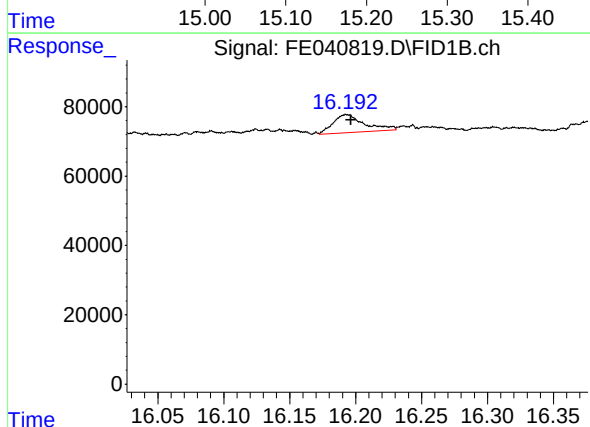
#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.005 min
Response: 68546
Conc: 0.40 ug/ml



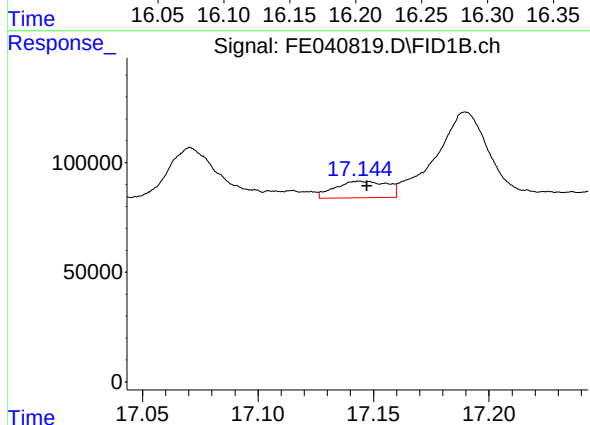
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.012 min
Response: 651866
Conc: 3.78 ug/ml



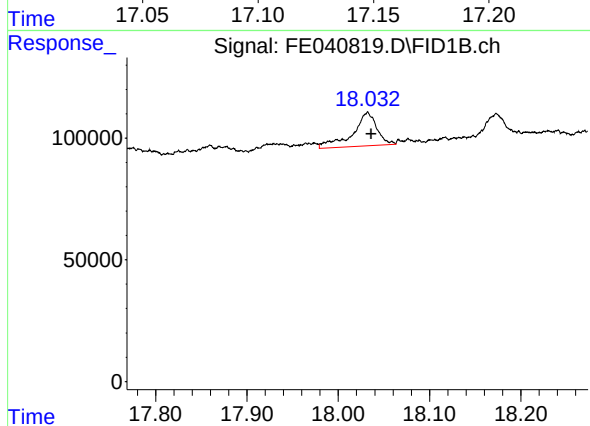
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: -0.003 min
Response: 85939
Conc: 0.51 ug/ml



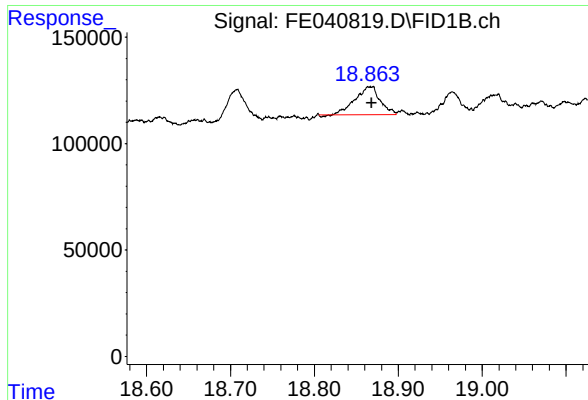
#16 n-Octacosane (C28)

R.T.: 17.144 min
Delta R.T.: -0.003 min
Response: 118997
Conc: 0.71 ug/ml



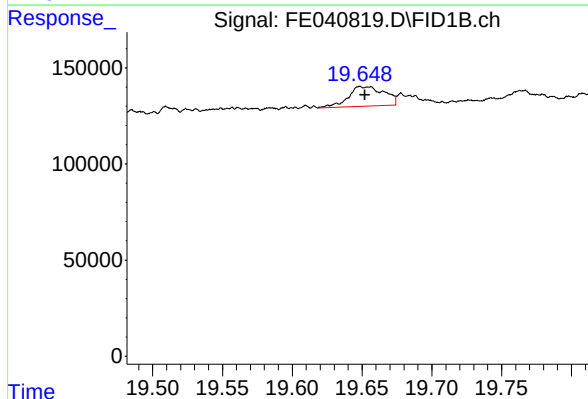
#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: -0.004 min
Response: 252948
Conc: 1.55 ug/ml



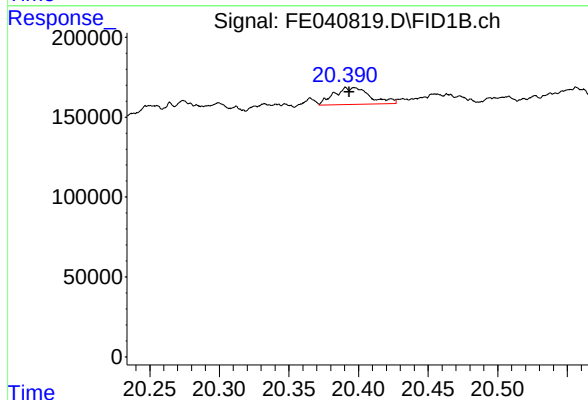
#18 n-Dotriacontane (C32)

R.T.: 18.865 min
Delta R.T.: -0.003 min
Response: 270314
Conc: 1.58 ug/ml



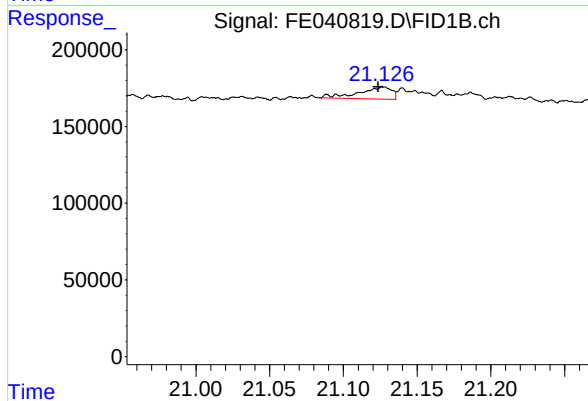
#19 n-Tetratriacontane (C34)

R.T.: 19.649 min
Delta R.T.: -0.003 min
Response: 181918
Conc: 1.18 ug/ml



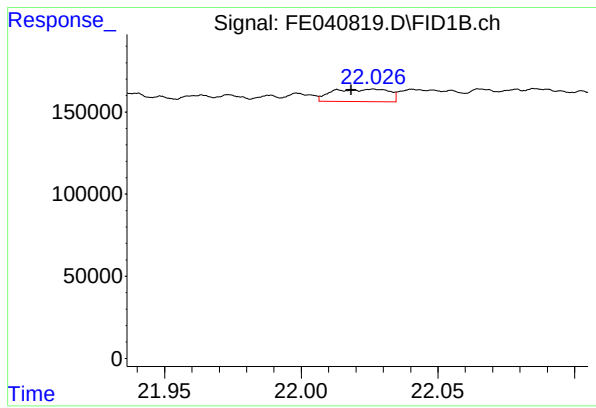
#20 n-Hexatriacontane (C36)

R.T.: 20.391 min
Delta R.T.: -0.002 min
Response: 190193
Conc: 1.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.127 min
Delta R.T.: 0.004 min
Response: 119495
Conc: 0.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.027 min
Delta R.T.: 0.008 min
Response: 108819
Conc: 0.70 ug/ml