

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022223\
 Data File : FE040501.D
 Signal(s) : FID1B.ch
 Acq On : 22 Feb 2023 20:11
 Operator : YP\AJ
 Sample : 01627-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 02:25:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE022123.M
 Quant Title :
 QLast Update : Wed Feb 22 06:24:20 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.974	2619444	19.838 ug/ml
Target Compounds			
1) N-OCTANE	2.013	662585	4.773 ug/ml
2) N-DECANE	4.525	685163	5.015 ug/ml
3) N-DODECANE	6.692	695940	4.994 ug/ml
4) N-TETRADECANE	8.518	733280	5.124 ug/ml
5) N-HEXADECANE	10.126	786837	5.301 ug/ml
6) N-OCTADECANE	11.566	818186	5.396 ug/ml
7) N-EICOSANE	12.875	828226	5.446 ug/ml
8) N-DOCOSANE	14.074	816130	5.500 ug/ml
10) N-TETRACOSANE	15.178	819167	5.539 ug/ml
11) N-HEXACOSANE	16.200	793526	5.482 ug/ml
12) N-OCTACOSANE	17.150	783421	5.535 ug/ml
13) N-TRIACONTANE	18.040	773077	5.638 ug/ml
14) N-DOTRIACONTANE	18.872	744382	5.733 ug/ml
15) N-TETRATRIACONTANE	19.657	659938	5.499 ug/ml
16) N-HEXATRIACONTANE	20.398	569596	4.830 ug/ml
17) N-OCTATRIACONTANE	21.128	528185	4.803 ug/ml
18) N-TETRACONTANE	22.019	517051	4.623 ug/ml

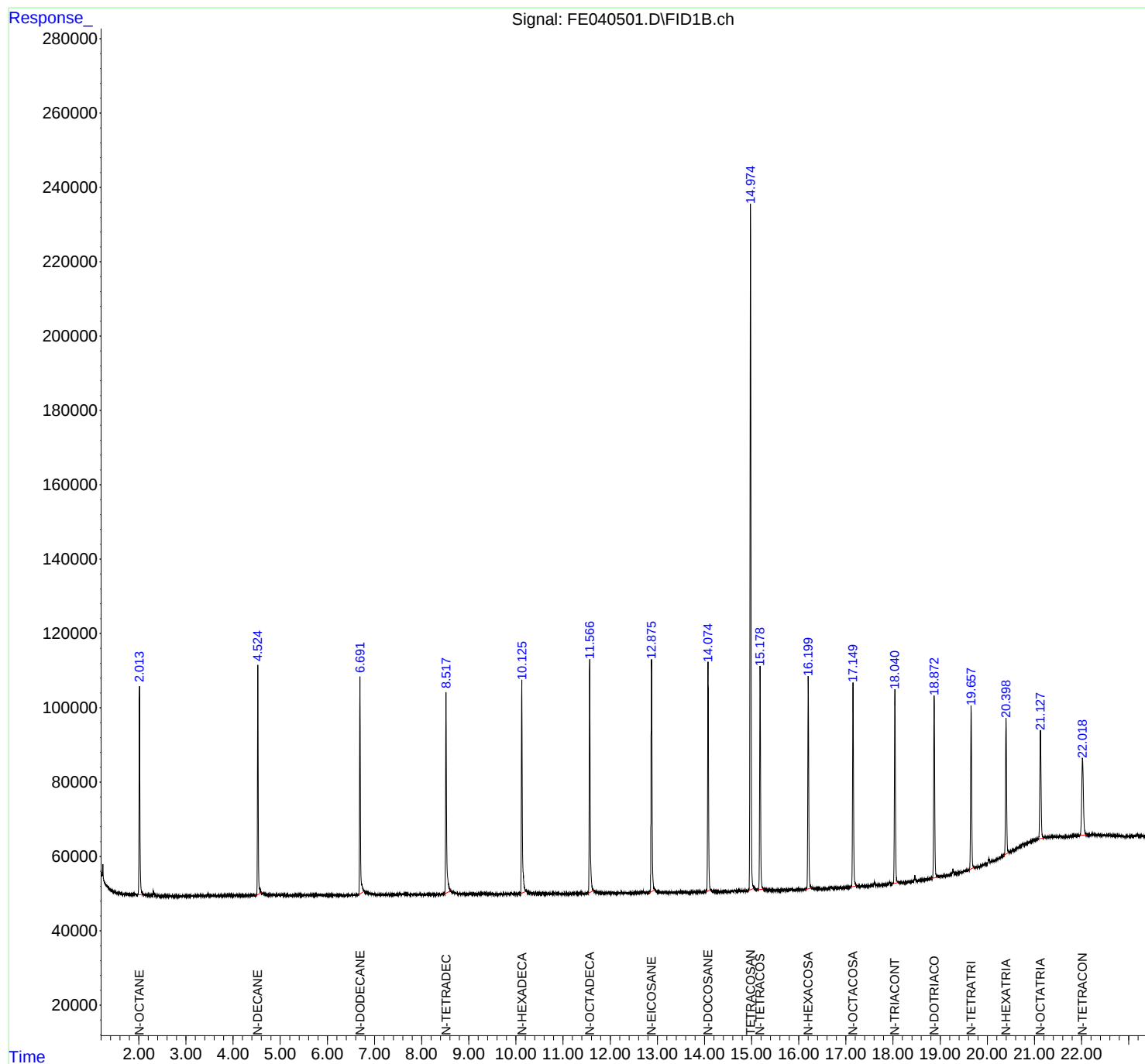
(f)=RT Delta > 1/2 Window

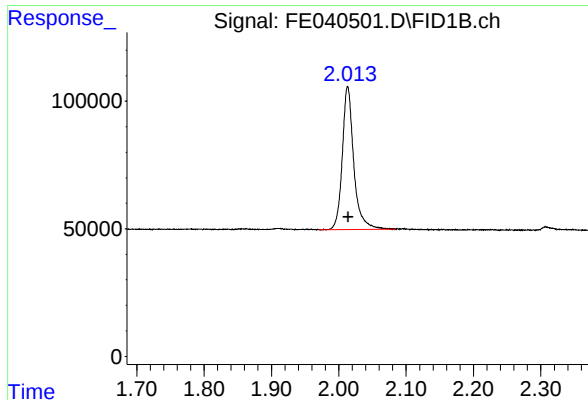
(m)=manual int.

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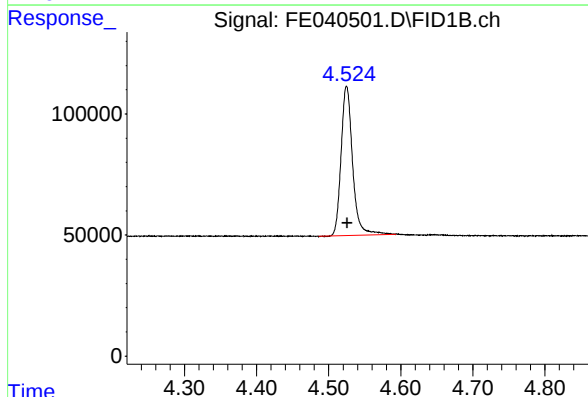
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





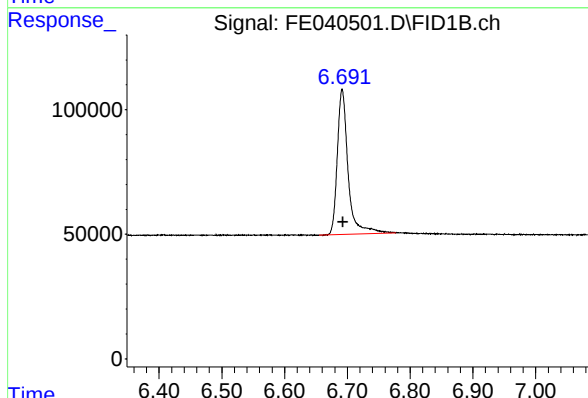
#1 N-OCTANE

R.T.: 2.013 min
Delta R.T.: 0.000 min
Response: 662585
Conc: 4.77 ug/ml



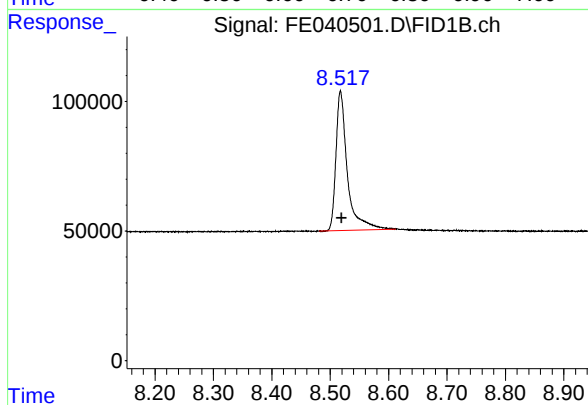
#2 N-DECANE

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 685163
Conc: 5.01 ug/ml



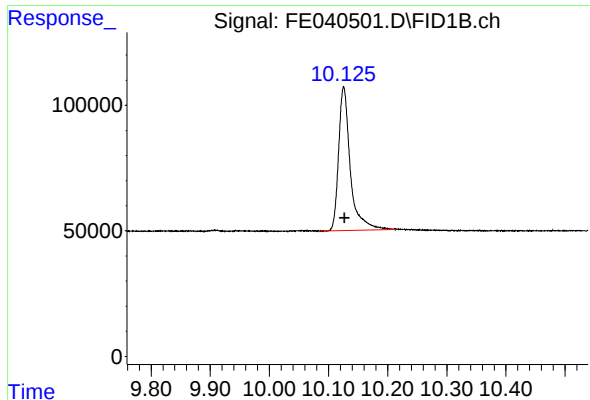
#3 N-DODECANE

R.T.: 6.692 min
Delta R.T.: -0.001 min
Response: 695940
Conc: 4.99 ug/ml



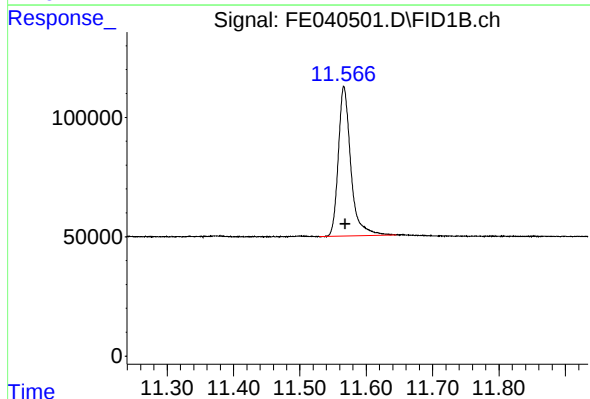
#4 N-TETRADECANE

R.T.: 8.518 min
Delta R.T.: -0.002 min
Response: 733280
Conc: 5.12 ug/ml



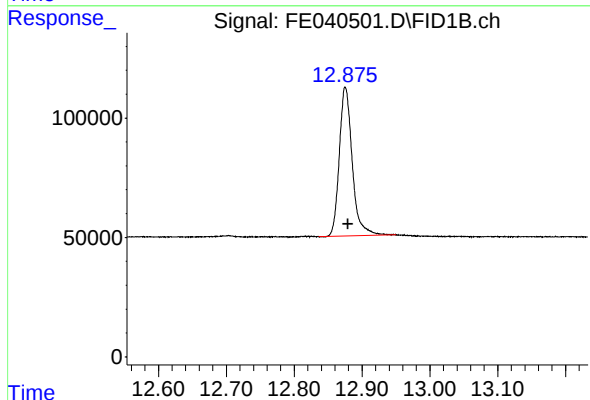
#5 N-HEXADECANE

R.T.: 10.126 min
Delta R.T.: -0.002 min
Response: 786837
Conc: 5.30 ug/ml



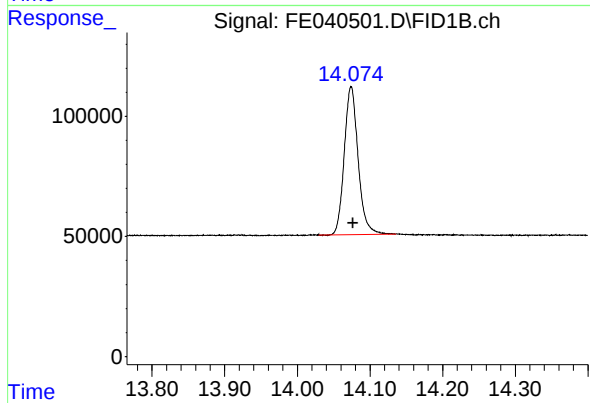
#6 N-OCTADECANE

R.T.: 11.566 min
Delta R.T.: -0.002 min
Response: 818186
Conc: 5.40 ug/ml



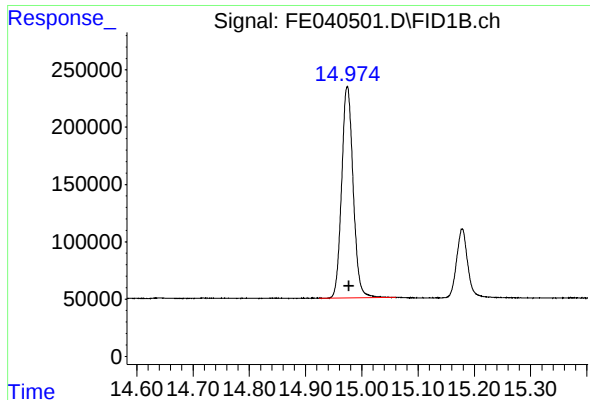
#7 N-EICOSANE

R.T.: 12.875 min
Delta R.T.: -0.004 min
Response: 828226
Conc: 5.45 ug/ml



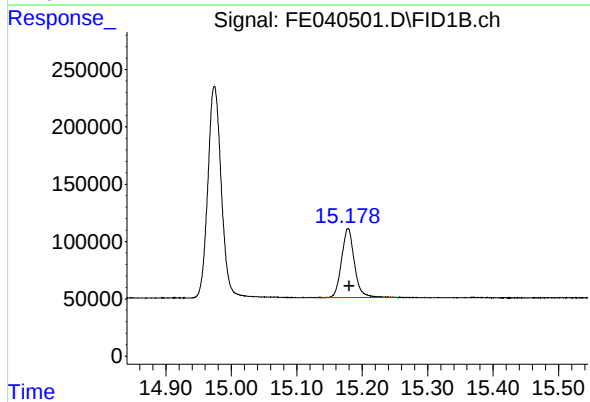
#8 N-DOCOSANE

R.T.: 14.074 min
Delta R.T.: -0.002 min
Response: 816130
Conc: 5.50 ug/ml



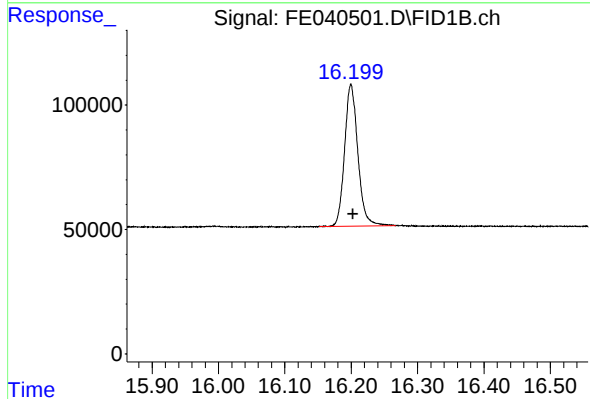
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.974 min
Delta R.T.: -0.003 min
Response: 2619444
Conc: 19.84 ug/ml



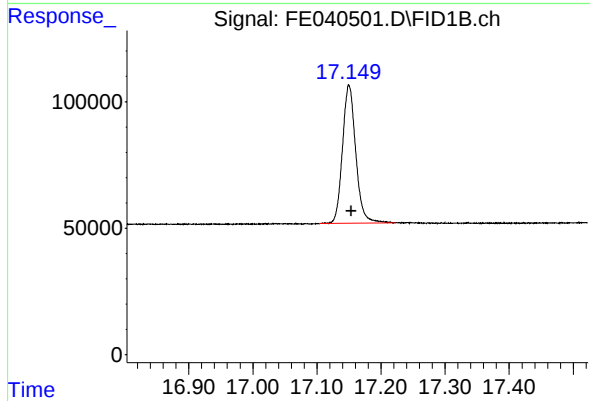
#10 N-TETRACOSANE

R.T.: 15.178 min
Delta R.T.: -0.002 min
Response: 819167
Conc: 5.54 ug/ml



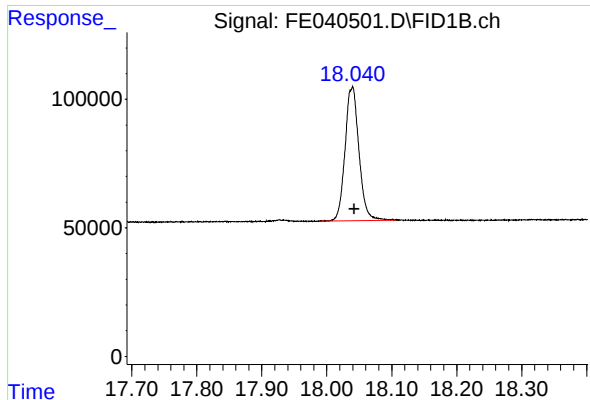
#11 N-HEXACOSANE

R.T.: 16.200 min
Delta R.T.: -0.003 min
Response: 793526
Conc: 5.48 ug/ml



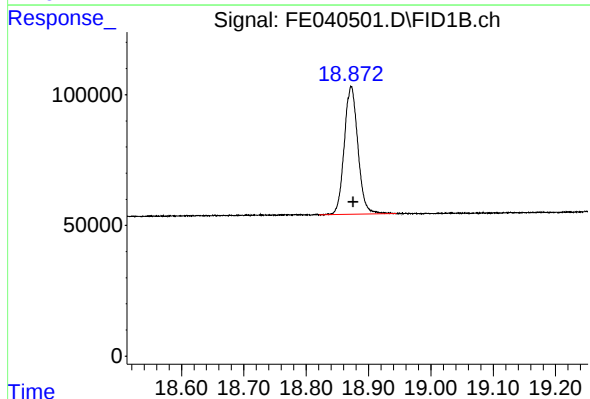
#12 N-OCTACOSANE

R.T.: 17.150 min
Delta R.T.: -0.004 min
Response: 783421
Conc: 5.53 ug/ml



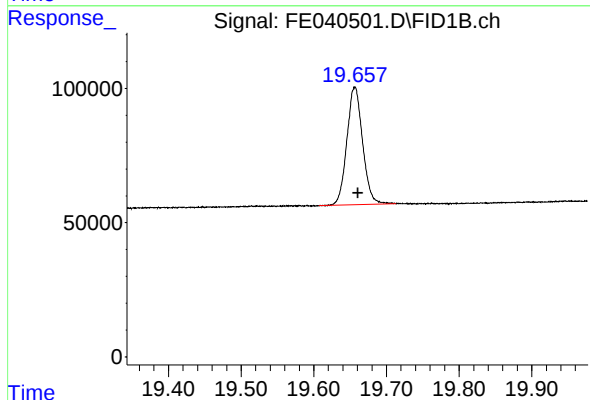
#13 N-TRIACONTANE

R.T.: 18.040 min
Delta R.T.: -0.003 min
Response: 773077
Conc: 5.64 ug/ml



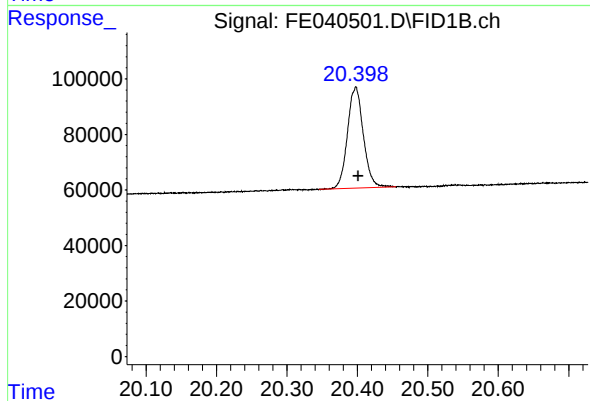
#14 N-DOTRIACONTANE

R.T.: 18.872 min
Delta R.T.: -0.003 min
Response: 744382
Conc: 5.73 ug/ml



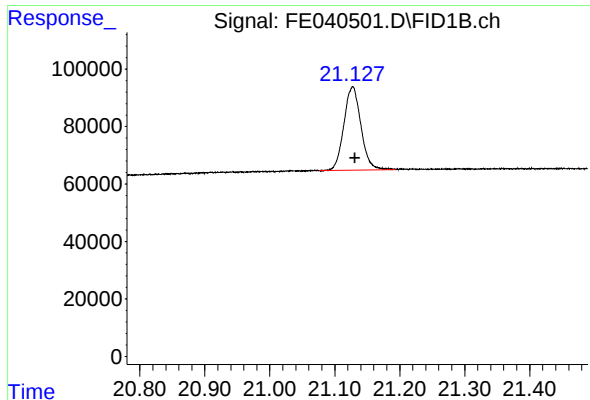
#15 N-TETRATRIACONTANE

R.T.: 19.657 min
Delta R.T.: -0.005 min
Response: 659938
Conc: 5.50 ug/ml



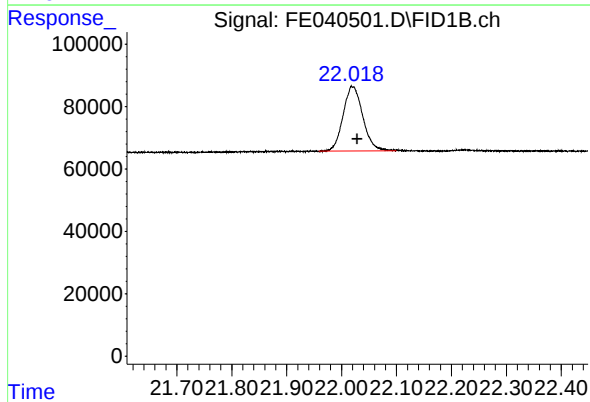
#16 N-HEXATRIACONTANE

R.T.: 20.398 min
Delta R.T.: -0.004 min
Response: 569596
Conc: 4.83 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.128 min
Delta R.T.: -0.003 min
Response: 528185
Conc: 4.80 ug/ml



#18 N-TETRACONTANE

R.T.: 22.019 min
Delta R.T.: -0.010 min
Response: 517051
Conc: 4.62 ug/ml