

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022223\
 Data File : FE040485.D
 Signal(s) : FID1B.ch
 Acq On : 22 Feb 2023 11:57
 Operator : YP\AJ
 Sample : 01627-05
 Misc : 5 PPM SOIL LOD
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 02:23:16 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...	14.976	2524670	19.120 ug/ml
Target Compounds			
1) N-OCTANE	2.012	657925	4.740 ug/ml
2) N-DECANE	4.524	673419	4.929 ug/ml
3) N-DODECANE	6.691	680406	4.883 ug/ml
4) N-TETRADECANE	8.519	721762	5.043 ug/ml
5) N-HEXADECANE	10.126	761807	5.133 ug/ml
6) N-OCTADECANE	11.567	785955	5.183 ug/ml
7) N-EICOSANE	12.877	795578	5.231 ug/ml
8) N-DOCOSANE	14.075	794138	5.352 ug/ml
10) N-TETRACOSANE	15.179	787804	5.327 ug/ml
11) N-HEXACOSANE	16.200	766140	5.293 ug/ml
12) N-OCTACOSANE	17.151	754225	5.329 ug/ml
13) N-TRIACONTANE	18.040	751876	5.483 ug/ml
14) N-DOTRIACONTANE	18.872	726388	5.594 ug/ml
15) N-TETRATRIACONTANE	19.657	648863	5.407 ug/ml
16) N-HEXATRIACONTANE	20.398	559462	4.744 ug/ml
17) N-OCTATRIACONTANE	21.128	525334	4.777 ug/ml
18) N-TETRACONTANE	22.022	526476	4.707 ug/ml

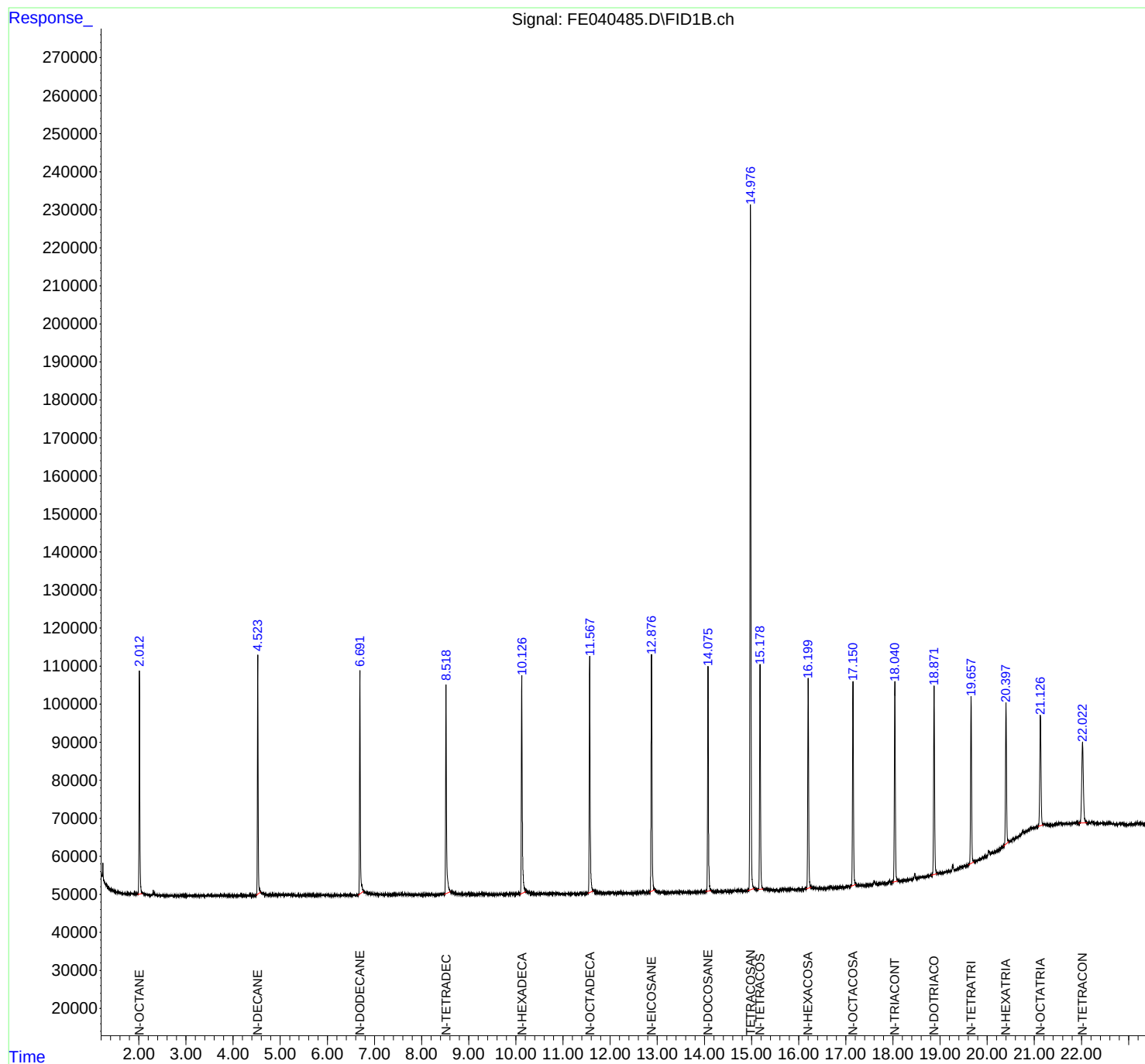
(f)=RT Delta > 1/2 Window

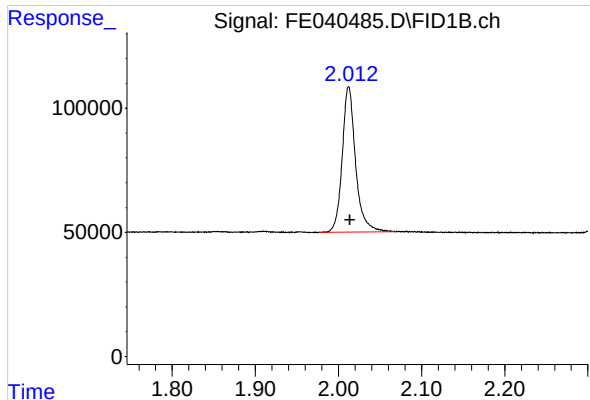
(m)=manual int.

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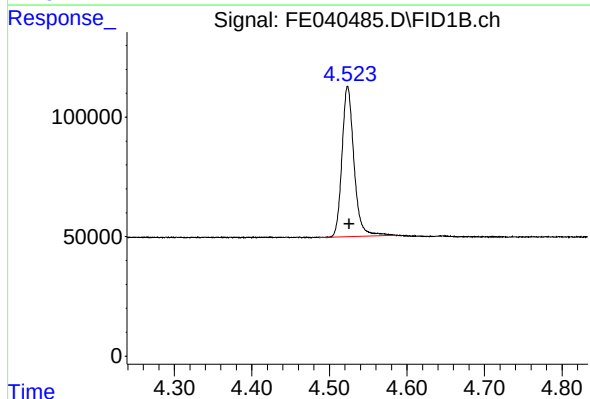
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





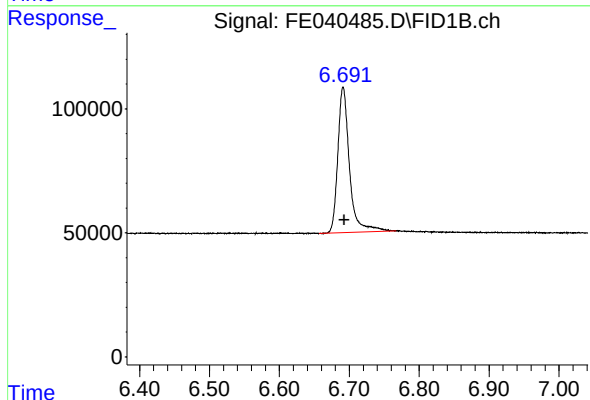
#1 N-OCTANE

R.T.: 2.012 min
Delta R.T.: -0.002 min
Response: 657925
Conc: 4.74 ug/ml



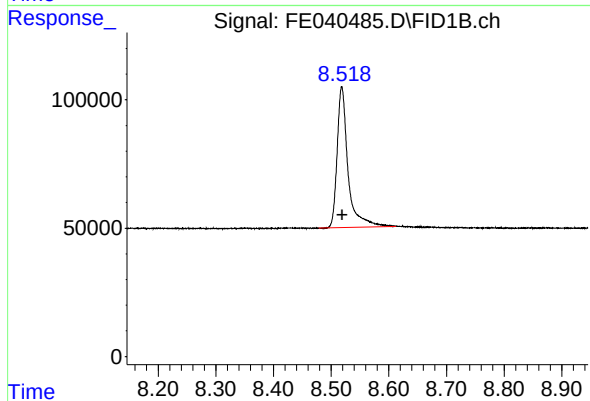
#2 N-DECANE

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 673419
Conc: 4.93 ug/ml



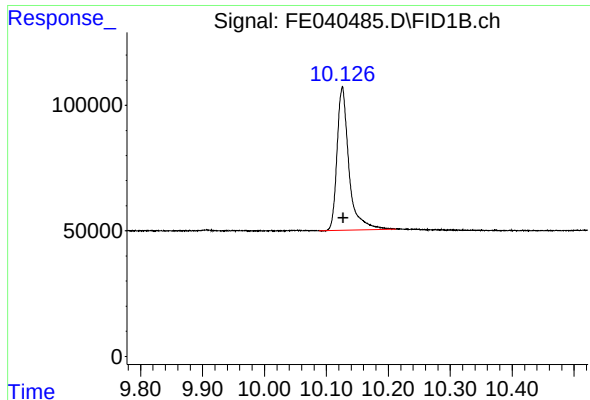
#3 N-DODECANE

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 680406
Conc: 4.88 ug/ml



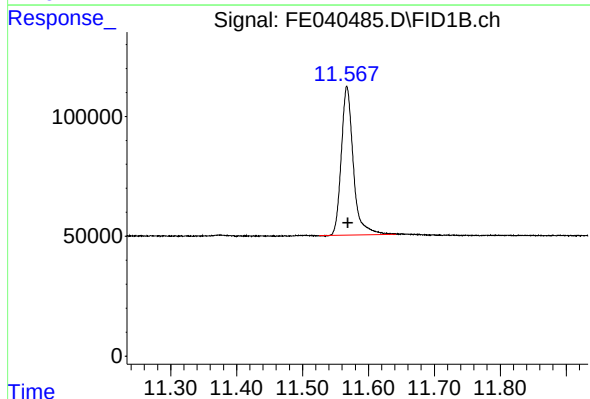
#4 N-TETRADECANE

R.T.: 8.519 min
Delta R.T.: -0.001 min
Response: 721762
Conc: 5.04 ug/ml



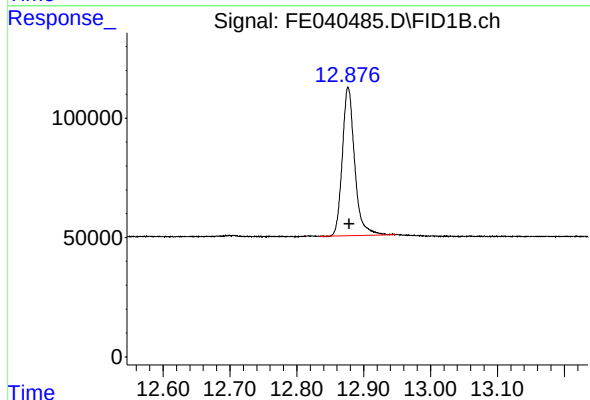
#5 N-HEXADECANE

R.T.: 10.126 min
Delta R.T.: -0.002 min
Response: 761807
Conc: 5.13 ug/ml



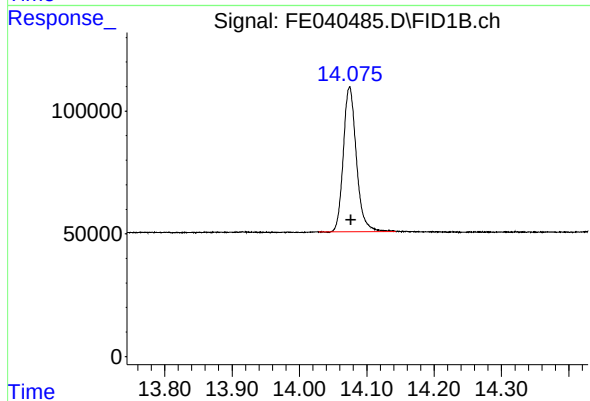
#6 N-OCTADECANE

R.T.: 11.567 min
Delta R.T.: -0.001 min
Response: 785955
Conc: 5.18 ug/ml



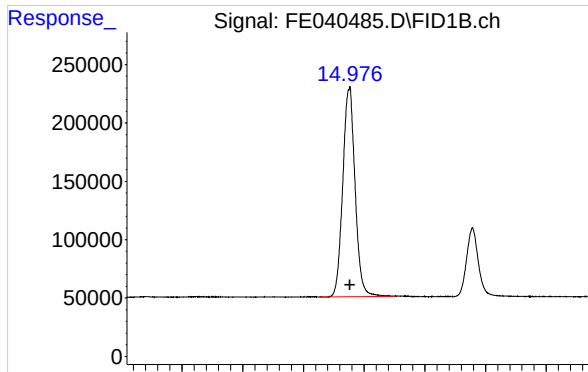
#7 N-EICOSANE

R.T.: 12.877 min
Delta R.T.: -0.002 min
Response: 795578
Conc: 5.23 ug/ml



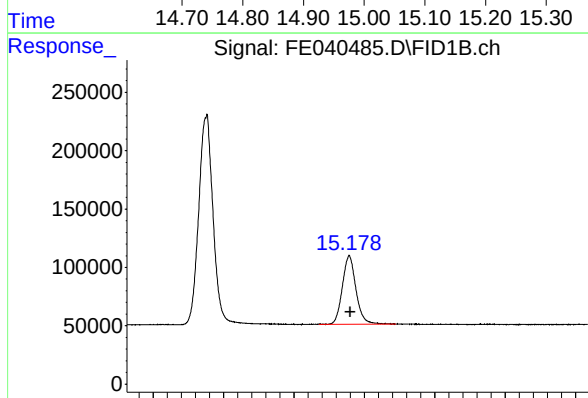
#8 N-DOCOSANE

R.T.: 14.075 min
Delta R.T.: -0.002 min
Response: 794138
Conc: 5.35 ug/ml



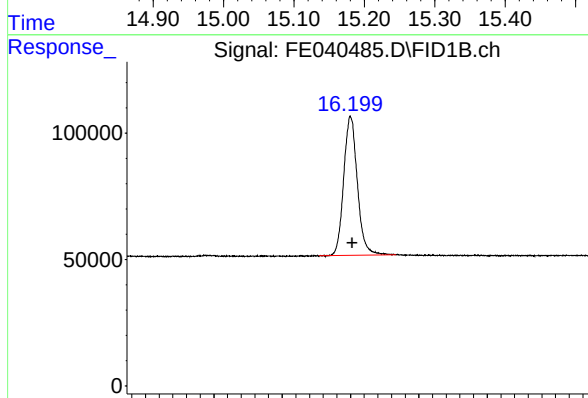
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.976 min
Delta R.T.: 0.000 min
Response: 2524670
Conc: 19.12 ug/ml



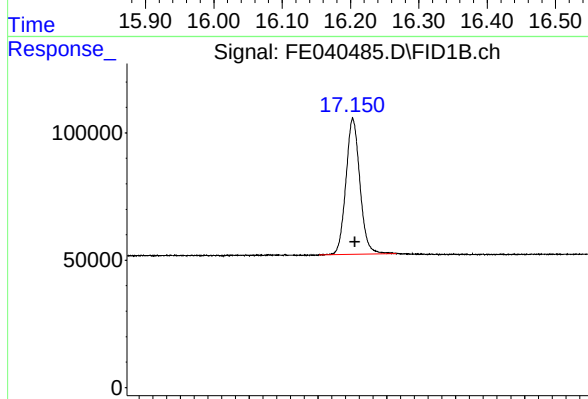
#10 N-TETRACOSANE

R.T.: 15.179 min
Delta R.T.: -0.002 min
Response: 787804
Conc: 5.33 ug/ml



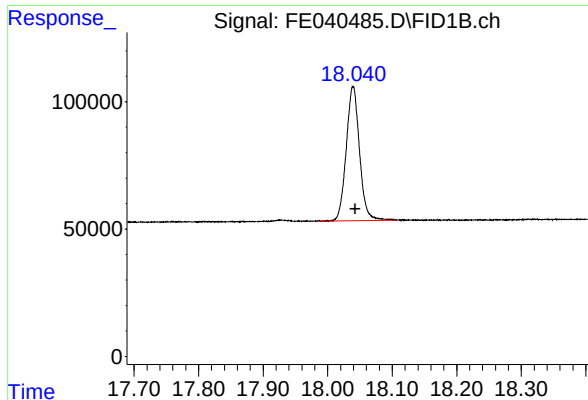
#11 N-HEXACOSANE

R.T.: 16.200 min
Delta R.T.: -0.003 min
Response: 766140
Conc: 5.29 ug/ml



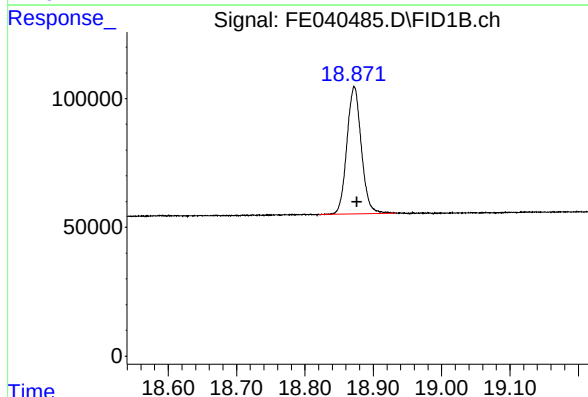
#12 N-OCTACOSANE

R.T.: 17.151 min
Delta R.T.: -0.003 min
Response: 754225
Conc: 5.33 ug/ml



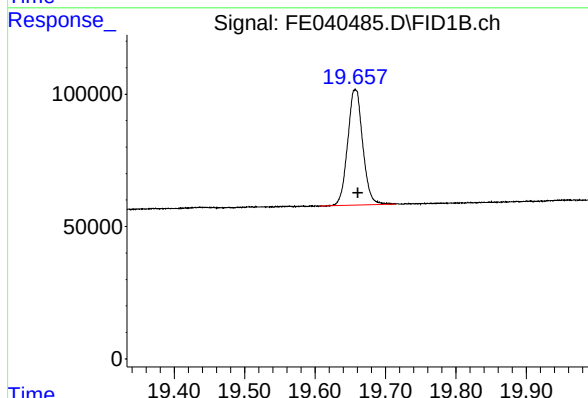
#13 N-TRIACONTANE

R.T.: 18.040 min
Delta R.T.: -0.003 min
Response: 751876
Conc: 5.48 ug/ml



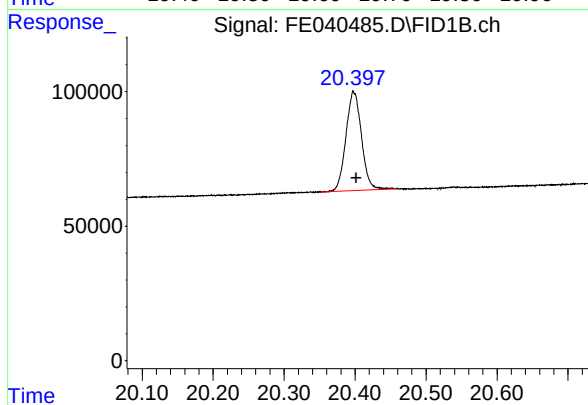
#14 N-DOTRIACONTANE

R.T.: 18.872 min
Delta R.T.: -0.004 min
Response: 726388
Conc: 5.59 ug/ml



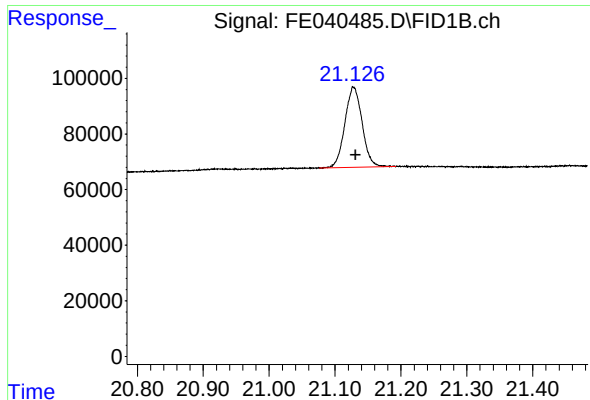
#15 N-TETRATRIACONTANE

R.T.: 19.657 min
Delta R.T.: -0.004 min
Response: 648863
Conc: 5.41 ug/ml



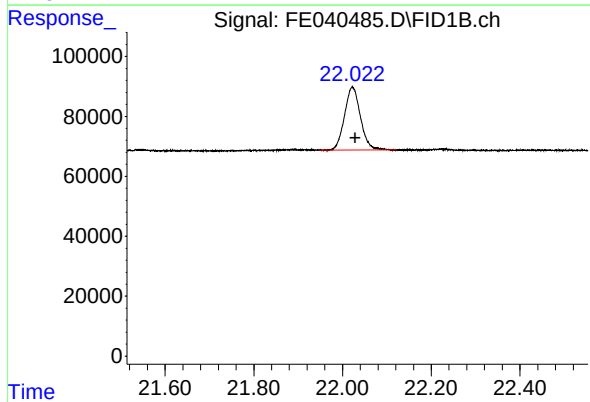
#16 N-HEXATRIACONTANE

R.T.: 20.398 min
Delta R.T.: -0.004 min
Response: 559462
Conc: 4.74 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.128 min
Delta R.T.: -0.003 min
Response: 525334
Conc: 4.78 ug/ml



#18 N-TETRACONTANE

R.T.: 22.022 min
Delta R.T.: -0.007 min
Response: 526476
Conc: 4.71 ug/ml