

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022223\
 Data File : FE040488.D
 Signal(s) : FID1B.ch
 Acq On : 22 Feb 2023 13:29
 Operator : YP\AJ
 Sample : 01627-11
 Misc : 5 PPM WATER LOD
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 02:23:41 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	2560948	19.395 ug/ml
Target Compounds			
1) N-OCTANE	2.015	668624	4.817 ug/ml
2) N-DECANE	4.526	684790	5.012 ug/ml
3) N-DODECANE	6.692	691341	4.961 ug/ml
4) N-TETRADECANE	8.518	726554	5.077 ug/ml
5) N-HEXADECANE	10.126	775250	5.223 ug/ml
6) N-OCTADECANE	11.567	804376	5.305 ug/ml
7) N-EICOSANE	12.876	815840	5.364 ug/ml
8) N-DOCOSANE	14.074	802918	5.411 ug/ml
10) N-TETRACOSANE	15.177	796016	5.382 ug/ml
11) N-HEXACOSANE	16.199	769043	5.313 ug/ml
12) N-OCTACOSANE	17.149	767518	5.422 ug/ml
13) N-TRIACONTANE	18.037	759337	5.537 ug/ml
14) N-DOTRIACONTANE	18.871	729311	5.617 ug/ml
15) N-TETRATRIACONTANE	19.655	652643	5.438 ug/ml
16) N-HEXATRIACONTANE	20.397	564261	4.785 ug/ml
17) N-OCTATRIACONTANE	21.127	526757	4.790 ug/ml
18) N-TETRACONTANE	22.020	516856	4.621 ug/ml

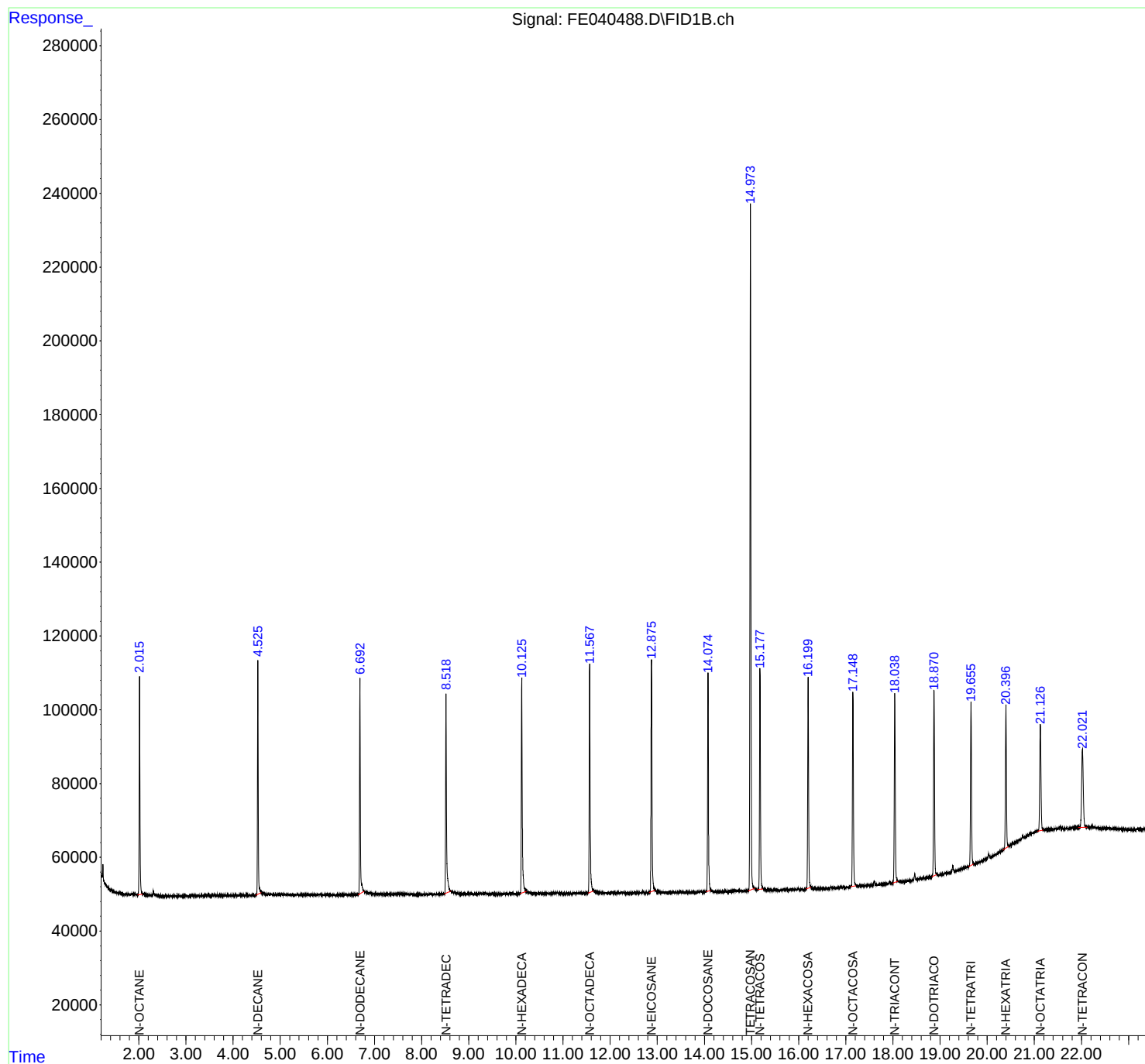
(f)=RT Delta > 1/2 Window

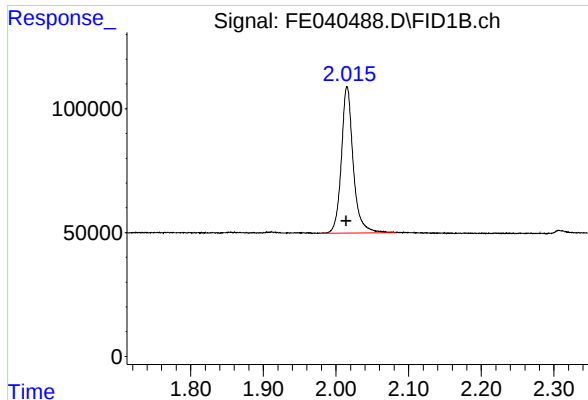
(m)=manual int.

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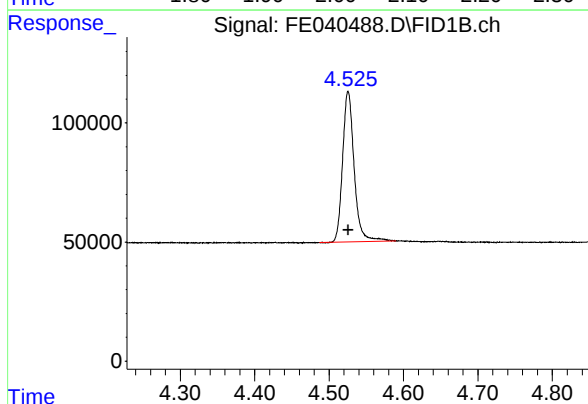
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





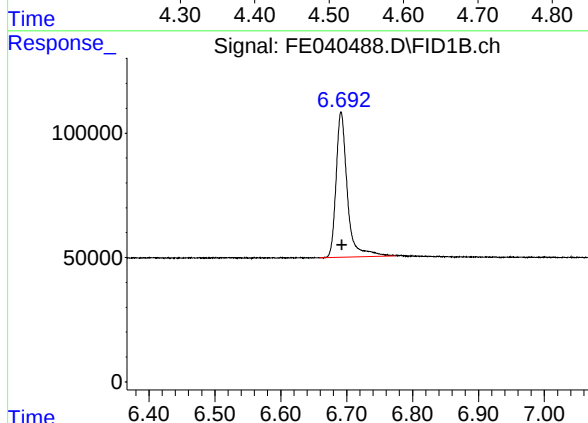
#1 N-OCTANE

R.T.: 2.015 min
Delta R.T.: 0.001 min
Response: 668624
Conc: 4.82 ug/ml



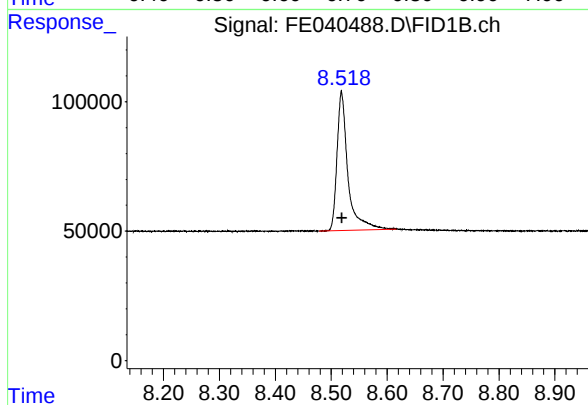
#2 N-DECANE

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 684790
Conc: 5.01 ug/ml



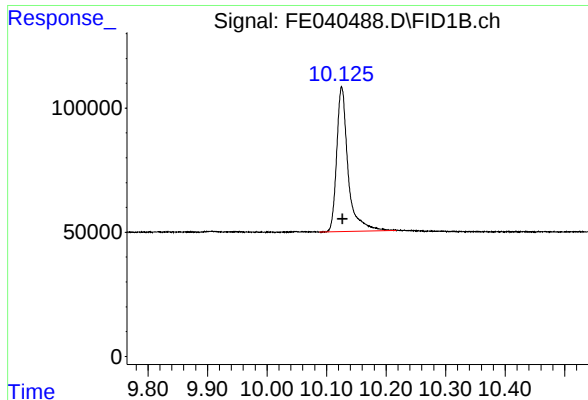
#3 N-DODECANE

R.T.: 6.692 min
Delta R.T.: -0.001 min
Response: 691341
Conc: 4.96 ug/ml



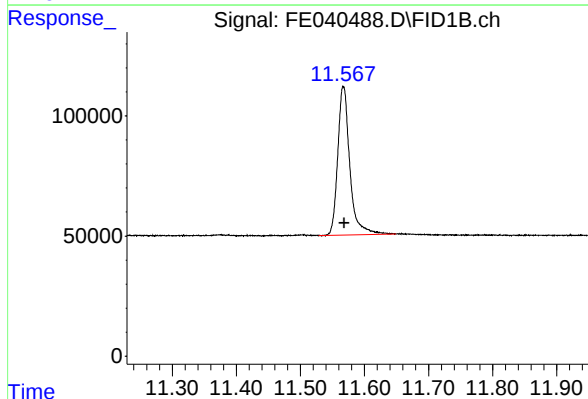
#4 N-TETRADECANE

R.T.: 8.518 min
Delta R.T.: -0.001 min
Response: 726554
Conc: 5.08 ug/ml



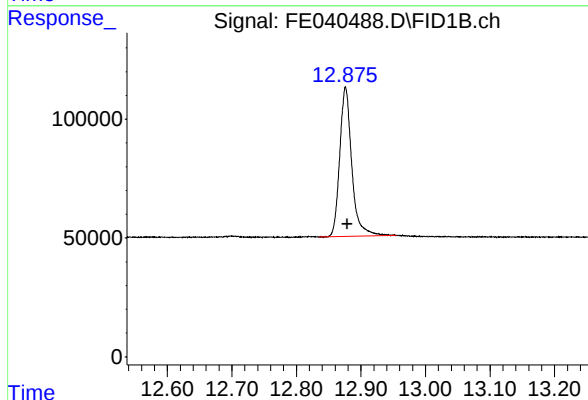
#5 N-HEXADECANE

R.T.: 10.126 min
Delta R.T.: -0.002 min
Response: 775250
Conc: 5.22 ug/ml



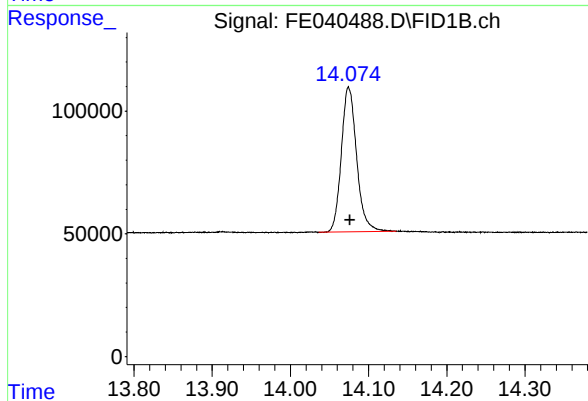
#6 N-OCTADECANE

R.T.: 11.567 min
Delta R.T.: -0.001 min
Response: 804376
Conc: 5.30 ug/ml



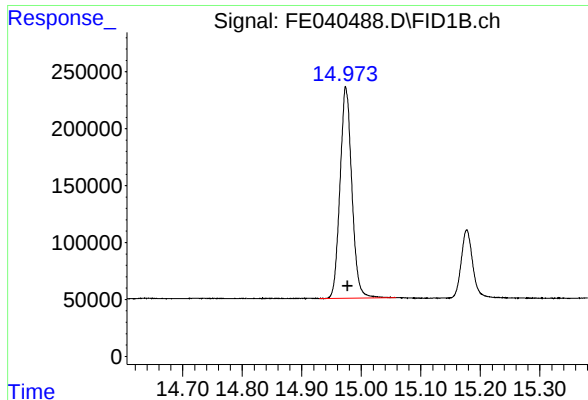
#7 N-EICOSANE

R.T.: 12.876 min
Delta R.T.: -0.003 min
Response: 815840
Conc: 5.36 ug/ml



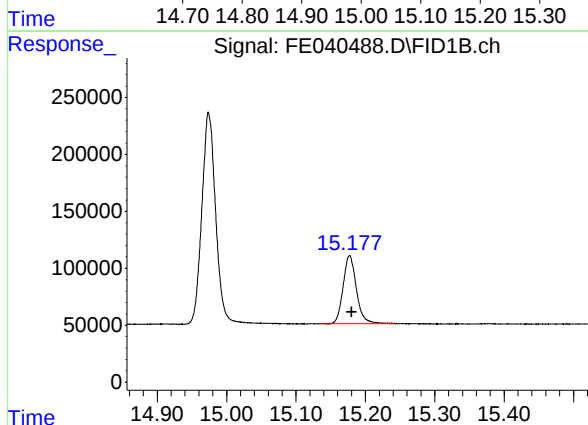
#8 N-DOCOSANE

R.T.: 14.074 min
Delta R.T.: -0.002 min
Response: 802918
Conc: 5.41 ug/ml



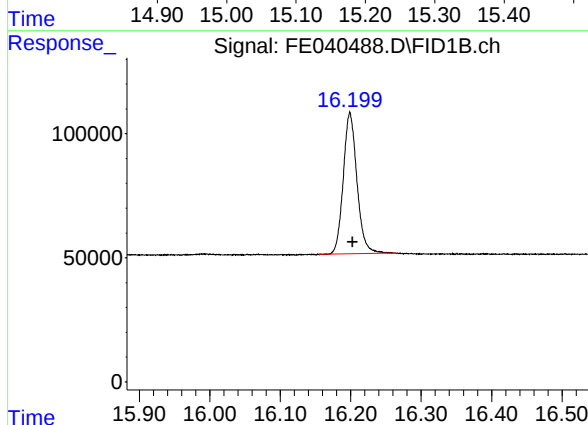
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.974 min
Delta R.T.: -0.003 min
Response: 2560948
Conc: 19.39 ug/ml



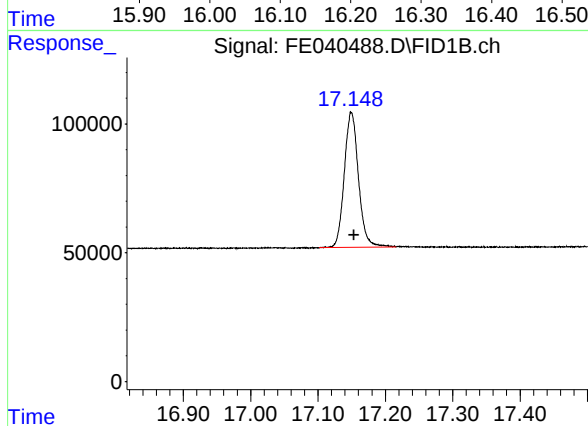
#10 N-TETRACOSANE

R.T.: 15.177 min
Delta R.T.: -0.003 min
Response: 796016
Conc: 5.38 ug/ml



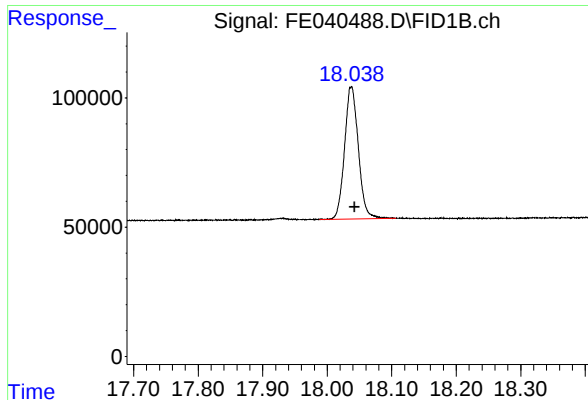
#11 N-HEXACOSANE

R.T.: 16.199 min
Delta R.T.: -0.004 min
Response: 769043
Conc: 5.31 ug/ml



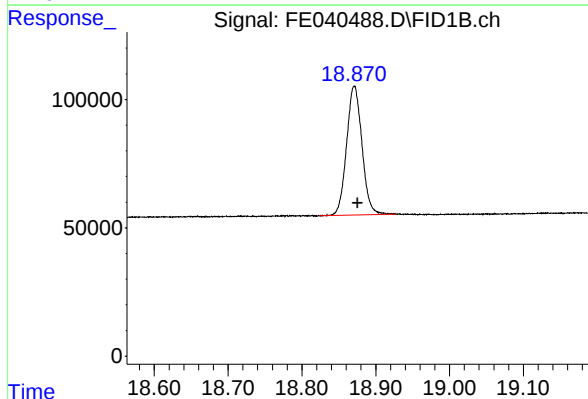
#12 N-OCTACOSANE

R.T.: 17.149 min
Delta R.T.: -0.004 min
Response: 767518
Conc: 5.42 ug/ml



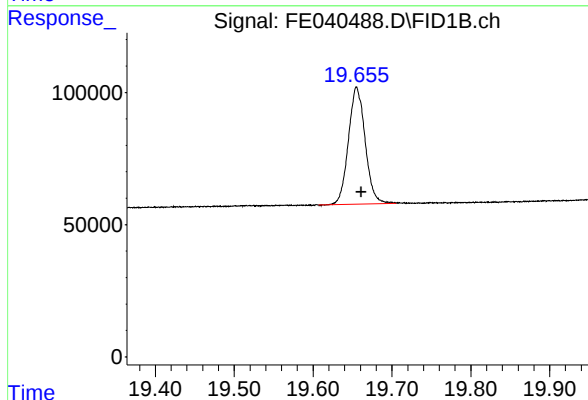
#13 N-TRIACONTANE

R.T.: 18.037 min
Delta R.T.: -0.005 min
Response: 759337
Conc: 5.54 ug/ml



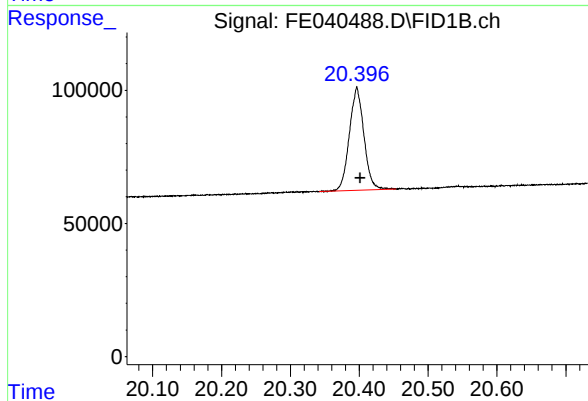
#14 N-DOTRIACONTANE

R.T.: 18.871 min
Delta R.T.: -0.005 min
Response: 729311
Conc: 5.62 ug/ml



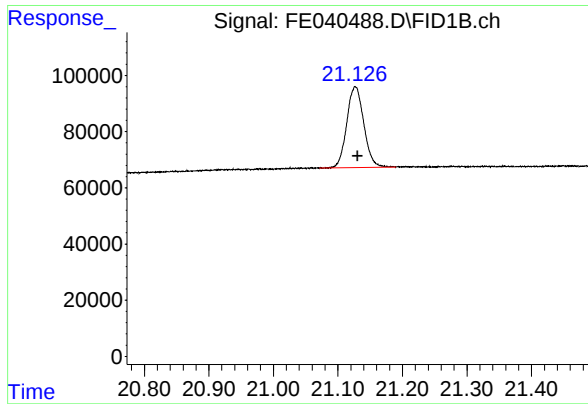
#15 N-TETRATRIACONTANE

R.T.: 19.655 min
Delta R.T.: -0.006 min
Response: 652643
Conc: 5.44 ug/ml



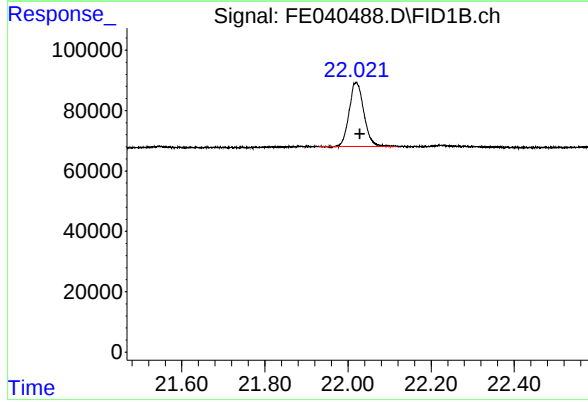
#16 N-HEXATRIACONTANE

R.T.: 20.397 min
Delta R.T.: -0.005 min
Response: 564261
Conc: 4.79 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.127 min
Delta R.T.: -0.004 min
Response: 526757
Conc: 4.79 ug/ml



#18 N-TETRACONTANE

R.T.: 22.020 min
Delta R.T.: -0.009 min
Response: 516856
Conc: 4.62 ug/ml