

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022223\
 Data File : FG011425.D
 Signal(s) : FID1A.ch
 Acq On : 22 Feb 2023 11:49
 Operator : YP\AJ
 Sample : 01627-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 01:46:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG022123.M
 Quant Title :
 QLast Update : Tue Feb 21 16:44:49 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...	15.065	1988959	18.910 ug/ml
Target Compounds			
1) N-OCTANE	2.075	285487	2.403 ug/ml
2) N-DECANE	4.591	317912	2.610 ug/ml
3) N-DODECANE	6.759	321278	2.598 ug/ml
4) N-TETRADECANE	8.590	307375	2.488 ug/ml
5) N-HEXADECANE	10.201	333292	2.642 ug/ml
6) N-OCTADECANE	11.648	334469	2.649 ug/ml
7) N-EICOSANE	12.961	332830	2.659 ug/ml
8) N-DOCOSANE	14.161	317842	2.649 ug/ml
10) N-TETRACOSANE	15.267	314244	2.663 ug/ml
11) N-HEXACOSANE	16.292	301691	2.650 ug/ml
12) N-OCTACOSANE	17.244	292002	2.661 ug/ml
13) N-TRIACONTANE	18.134	287296	2.711 ug/ml
14) N-DOTRIACONTANE	18.970	279279	2.768 ug/ml
15) N-TETRATRIACONTANE	19.756	253177	2.686 ug/ml
16) N-HEXATRIACONTANE	20.497	220354	2.461 ug/ml
17) N-OCTATRIACONTANE	21.250	220009	2.341 ug/ml
18) N-TETRACONTANE	22.192	247310	2.438 ug/ml

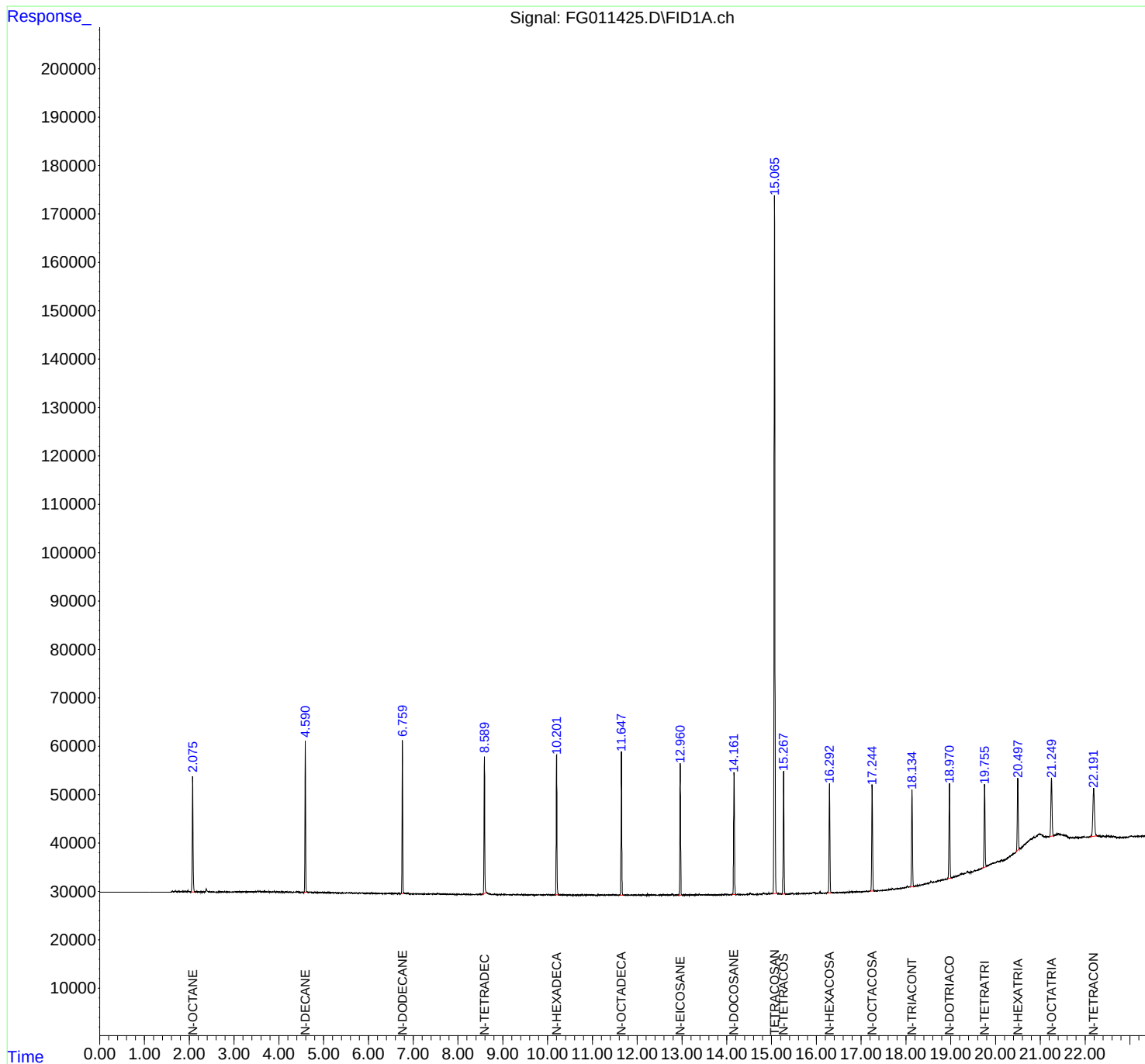
(f)=RT Delta > 1/2 Window

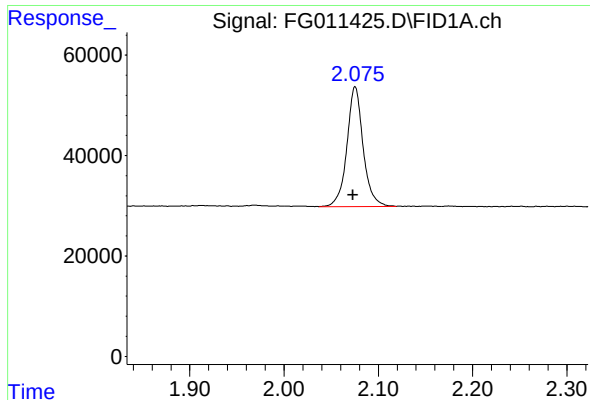
(m)=manual int.

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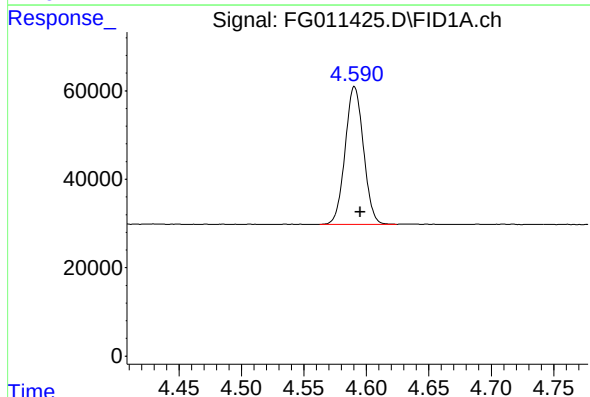
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





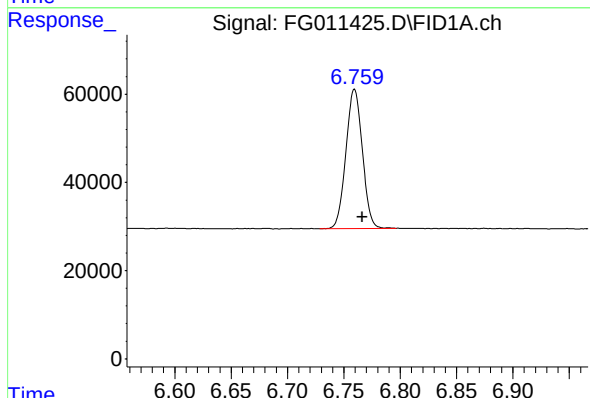
#1 N-OCTANE

R.T.: 2.075 min
Delta R.T.: 0.002 min
Response: 285487
Conc: 2.40 ug/ml



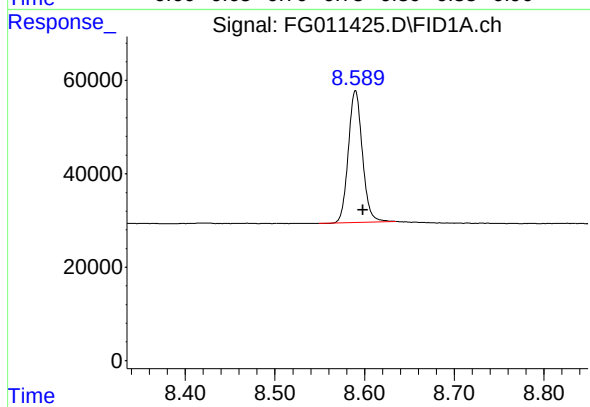
#2 N-DECANE

R.T.: 4.591 min
Delta R.T.: -0.005 min
Response: 317912
Conc: 2.61 ug/ml



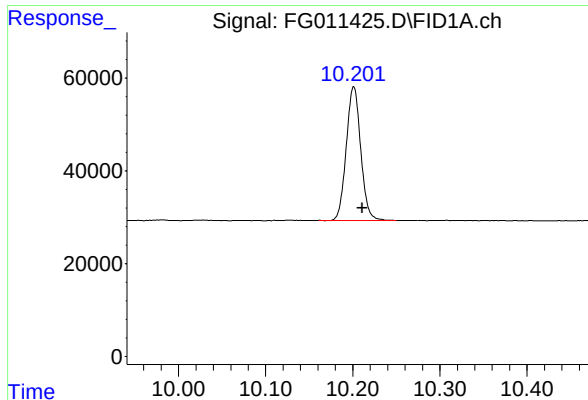
#3 N-DODECANE

R.T.: 6.759 min
Delta R.T.: -0.007 min
Response: 321278
Conc: 2.60 ug/ml



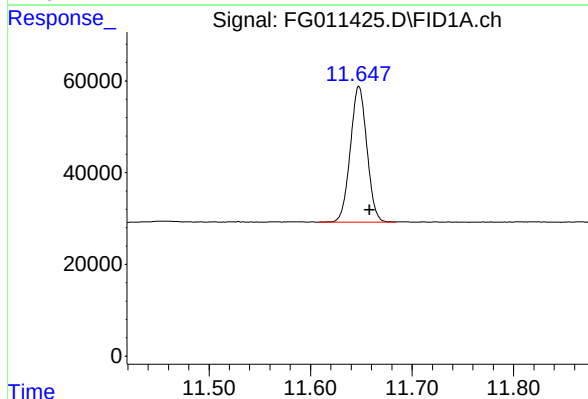
#4 N-TETRADECANE

R.T.: 8.590 min
Delta R.T.: -0.008 min
Response: 307375
Conc: 2.49 ug/ml



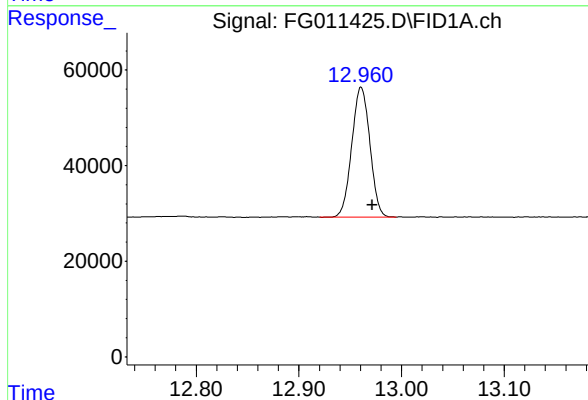
#5 N-HEXADECANE

R.T.: 10.201 min
Delta R.T.: -0.010 min
Response: 333292
Conc: 2.64 ug/ml



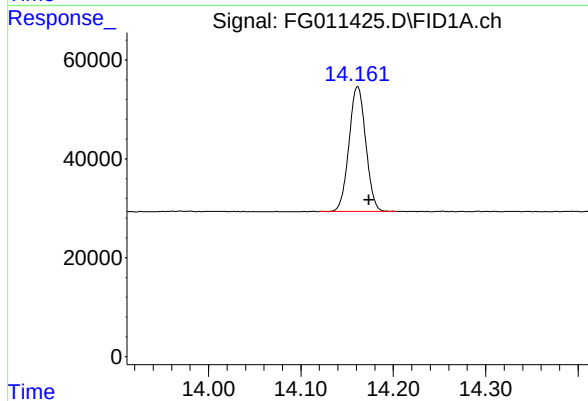
#6 N-OCTADECANE

R.T.: 11.648 min
Delta R.T.: -0.011 min
Response: 334469
Conc: 2.65 ug/ml



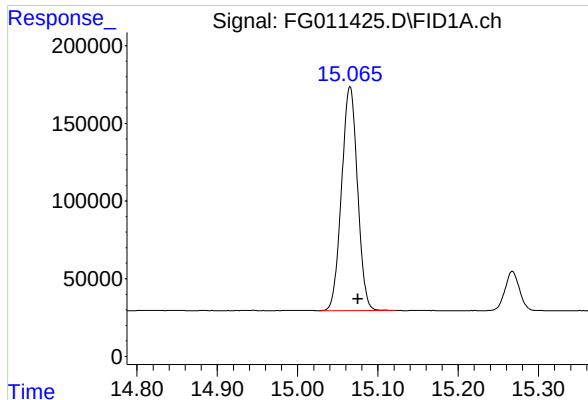
#7 N-EICOSANE

R.T.: 12.961 min
Delta R.T.: -0.011 min
Response: 332830
Conc: 2.66 ug/ml



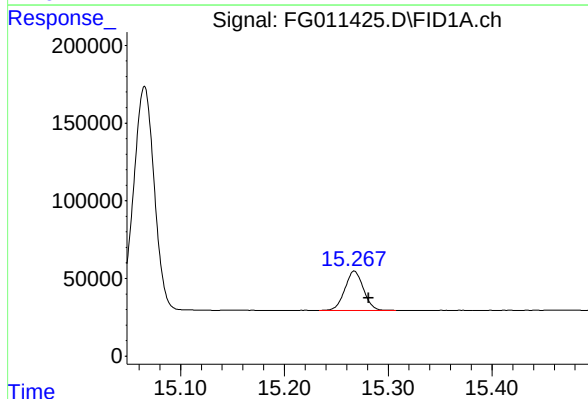
#8 N-DOCOSANE

R.T.: 14.161 min
Delta R.T.: -0.012 min
Response: 317842
Conc: 2.65 ug/ml



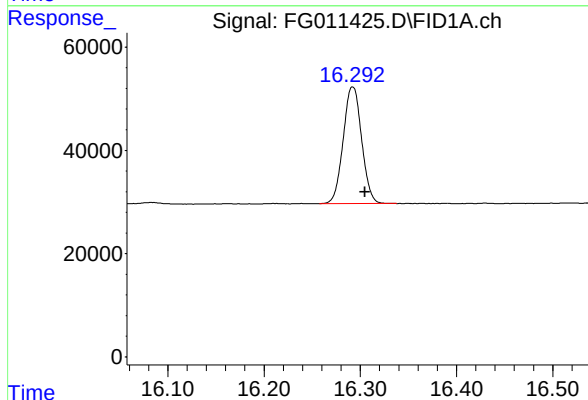
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.065 min
Delta R.T.: -0.010 min
Response: 1988959
Conc: 18.91 ug/ml



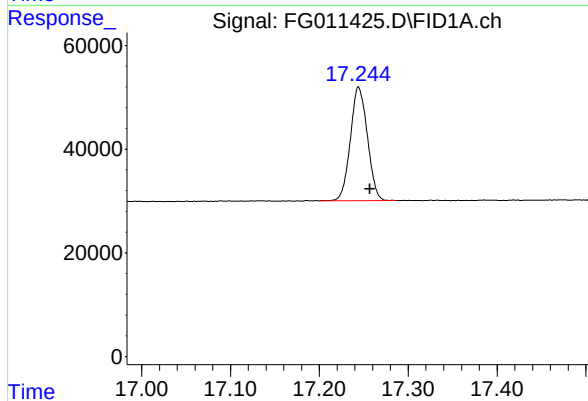
#10 N-TETRACOSANE

R.T.: 15.267 min
Delta R.T.: -0.014 min
Response: 314244
Conc: 2.66 ug/ml



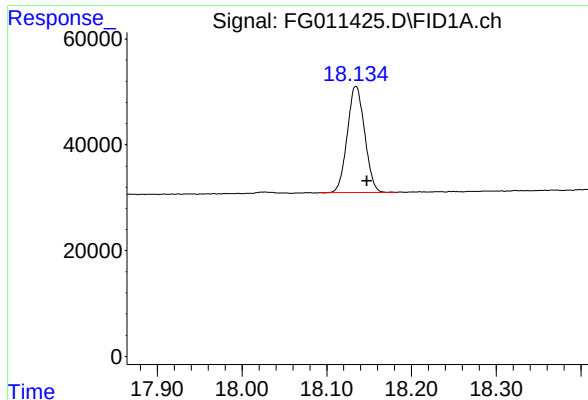
#11 N-HEXACOSANE

R.T.: 16.292 min
Delta R.T.: -0.012 min
Response: 301691
Conc: 2.65 ug/ml



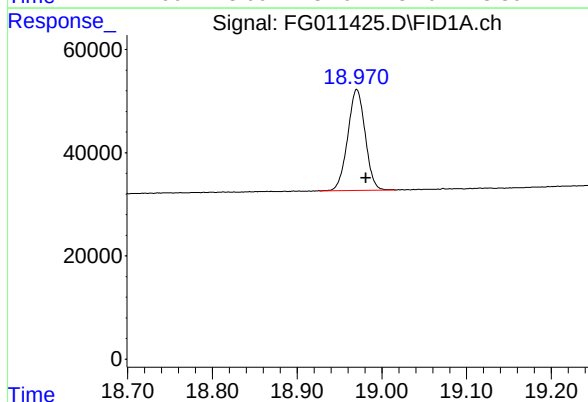
#12 N-OCTACOSANE

R.T.: 17.244 min
Delta R.T.: -0.013 min
Response: 292002
Conc: 2.66 ug/ml



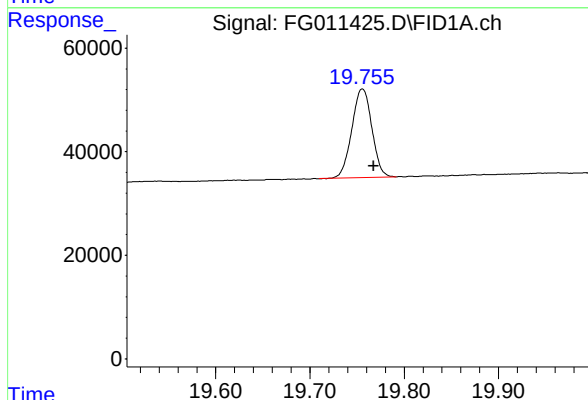
#13 N-TRIACONTANE

R.T.: 18.134 min
Delta R.T.: -0.013 min
Response: 287296
Conc: 2.71 ug/ml



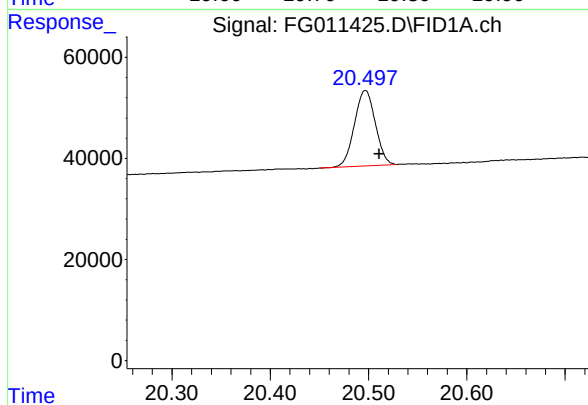
#14 N-DOTRIACONTANE

R.T.: 18.970 min
Delta R.T.: -0.011 min
Response: 279279
Conc: 2.77 ug/ml



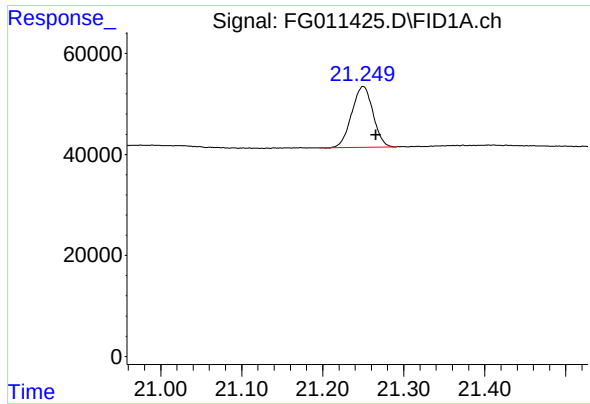
#15 N-TETRATRIACONTANE

R.T.: 19.756 min
Delta R.T.: -0.012 min
Response: 253177
Conc: 2.69 ug/ml



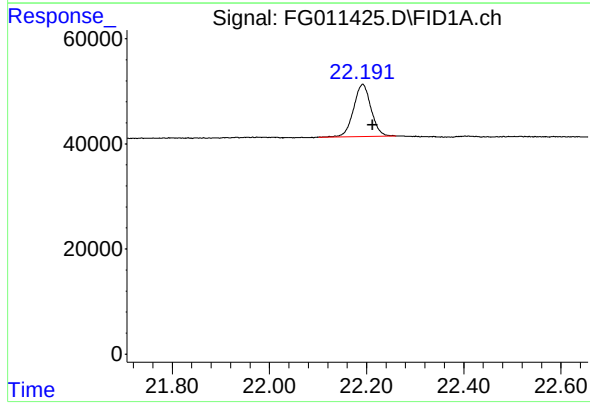
#16 N-HEXATRIACONTANE

R.T.: 20.497 min
Delta R.T.: -0.014 min
Response: 220354
Conc: 2.46 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.250 min
Delta R.T.: -0.016 min
Response: 220009
Conc: 2.34 ug/ml



#18 N-TETRACONTANE

R.T.: 22.192 min
Delta R.T.: -0.020 min
Response: 247310
Conc: 2.44 ug/ml