

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022223\
 Data File : FG011436.D
 Signal(s) : FID1A.ch
 Acq On : 22 Feb 2023 18:21
 Operator : YP\AJ
 Sample : 01627-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 01:48:26 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	2009144	19.102 ug/ml
Target Compounds			
1) N-OCTANE	2.075	286364	2.410 ug/ml
2) N-DECANE	4.590	320853	2.634 ug/ml
3) N-DODECANE	6.759	324959	2.628 ug/ml
4) N-TETRADECANE	8.590	310523	2.513 ug/ml
5) N-HEXADECANE	10.201	336145	2.664 ug/ml
6) N-OCTADECANE	11.647	338701	2.683 ug/ml
7) N-EICOSANE	12.961	336430	2.688 ug/ml
8) N-DOCOSANE	14.162	322083	2.684 ug/ml
10) N-TETRACOSANE	15.268	316958	2.686 ug/ml
11) N-HEXACOSANE	16.292	303834	2.669 ug/ml
12) N-OCTACOSANE	17.244	293943	2.679 ug/ml
13) N-TRIACONTANE	18.133	293775	2.772 ug/ml
14) N-DOTRIACONTANE	18.969	288756	2.862 ug/ml
15) N-TETRATRIACONTANE	19.756	262574	2.785 ug/ml
16) N-HEXATRIACONTANE	20.497	226805	2.533 ug/ml
17) N-OCTATRIACONTANE	21.249	228017	2.427 ug/ml
18) N-TETRACONTANE	22.191	245191	2.417 ug/ml

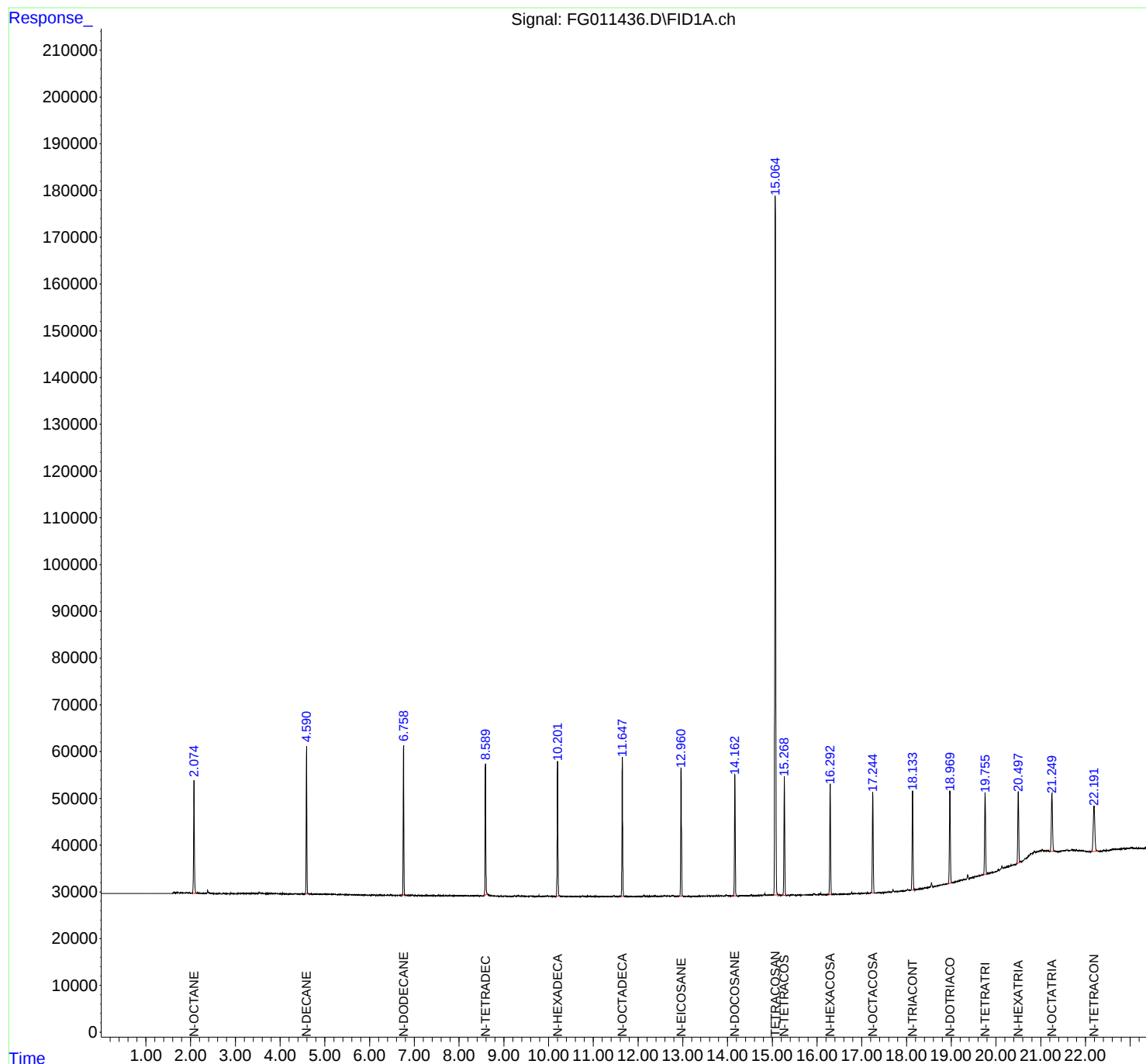
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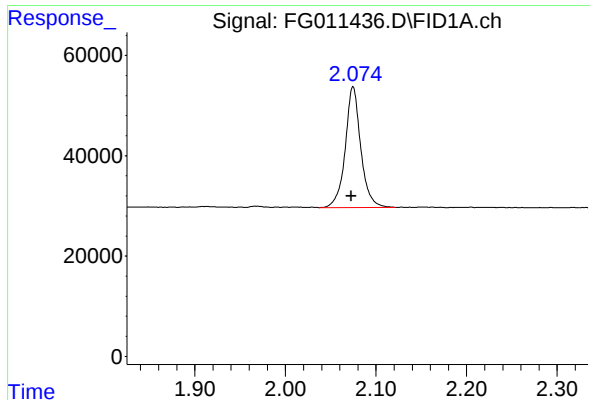
(m)=manual int.

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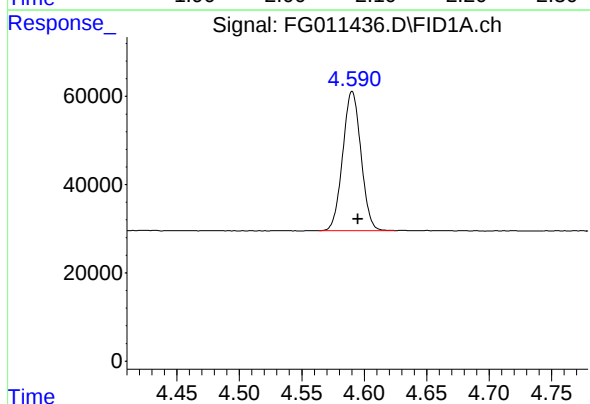
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





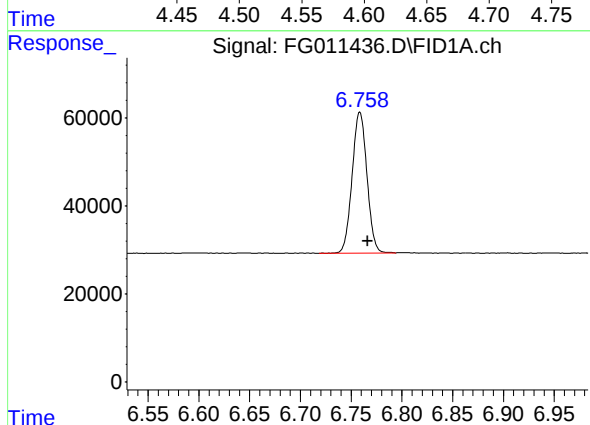
#1 N-OCTANE

R.T.: 2.075 min
Delta R.T.: 0.002 min
Response: 286364
Conc: 2.41 ug/ml



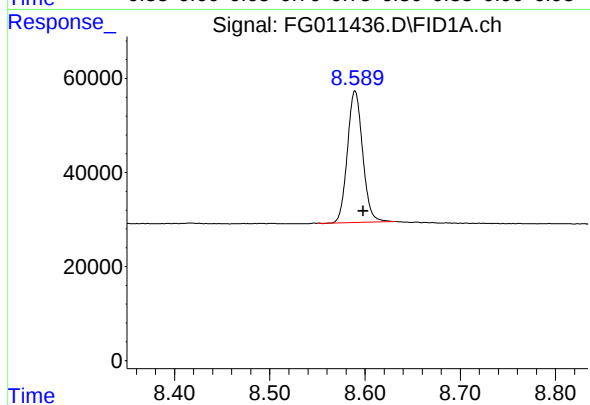
#2 N-DECANE

R.T.: 4.590 min
Delta R.T.: -0.005 min
Response: 320853
Conc: 2.63 ug/ml



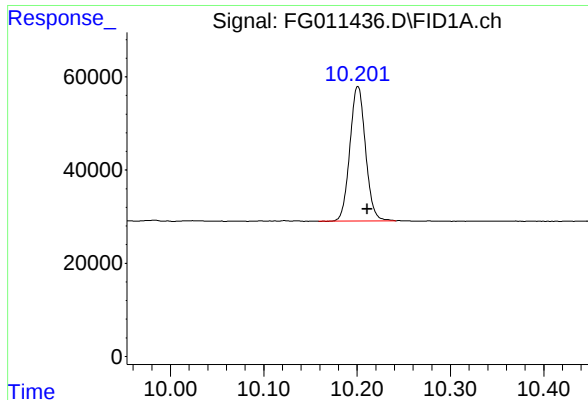
#3 N-DODECANE

R.T.: 6.759 min
Delta R.T.: -0.008 min
Response: 324959
Conc: 2.63 ug/ml



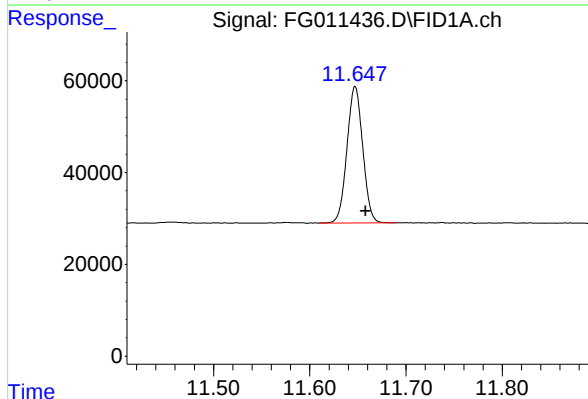
#4 N-TETRADECANE

R.T.: 8.590 min
Delta R.T.: -0.009 min
Response: 310523
Conc: 2.51 ug/ml



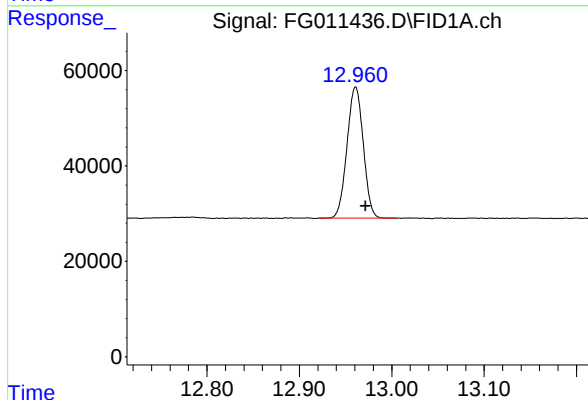
#5 N-HEXADECANE

R.T.: 10.201 min
Delta R.T.: -0.010 min
Response: 336145
Conc: 2.66 ug/ml



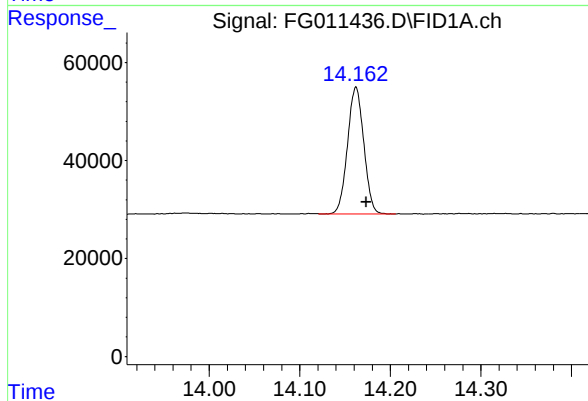
#6 N-OCTADECANE

R.T.: 11.647 min
Delta R.T.: -0.011 min
Response: 338701
Conc: 2.68 ug/ml



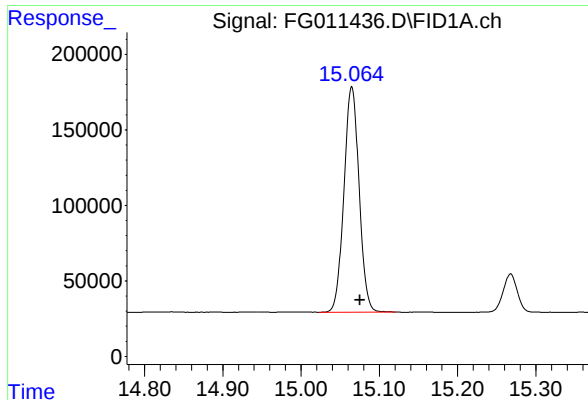
#7 N-EICOSANE

R.T.: 12.961 min
Delta R.T.: -0.011 min
Response: 336430
Conc: 2.69 ug/ml



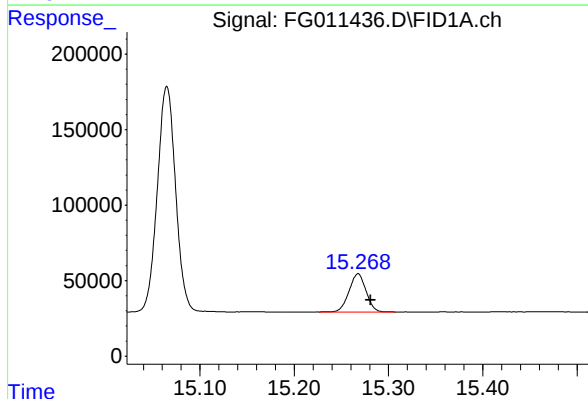
#8 N-DOCOSANE

R.T.: 14.162 min
Delta R.T.: -0.012 min
Response: 322083
Conc: 2.68 ug/ml



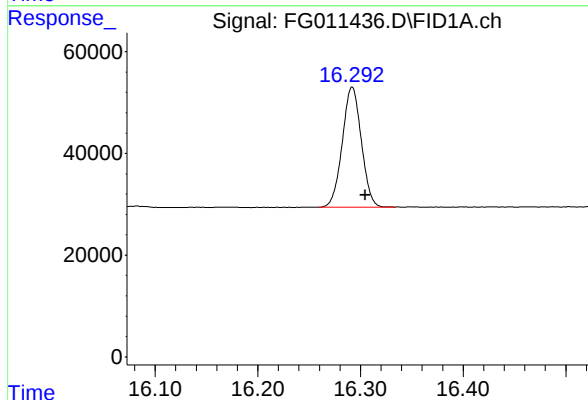
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.065 min
Delta R.T.: -0.011 min
Response: 2009144
Conc: 19.10 ug/ml



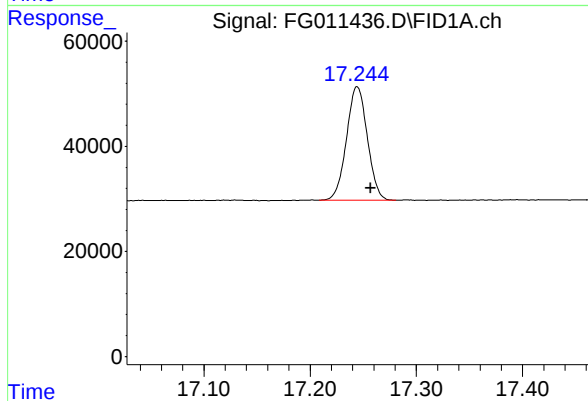
#10 N-TETRACOSANE

R.T.: 15.268 min
Delta R.T.: -0.013 min
Response: 316958
Conc: 2.69 ug/ml



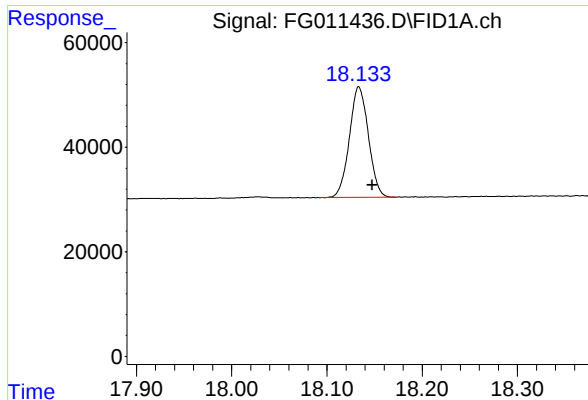
#11 N-HEXACOSANE

R.T.: 16.292 min
Delta R.T.: -0.013 min
Response: 303834
Conc: 2.67 ug/ml



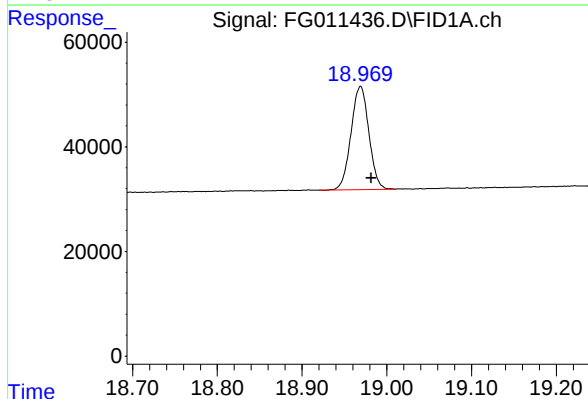
#12 N-OCTACOSANE

R.T.: 17.244 min
Delta R.T.: -0.013 min
Response: 293943
Conc: 2.68 ug/ml



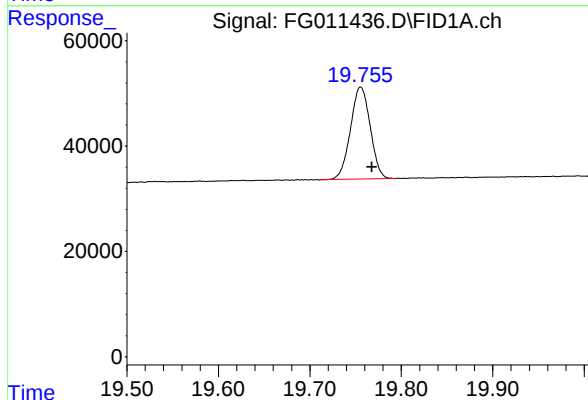
#13 N-TRIACONTANE

R.T.: 18.133 min
Delta R.T.: -0.014 min
Response: 293775
Conc: 2.77 ug/ml



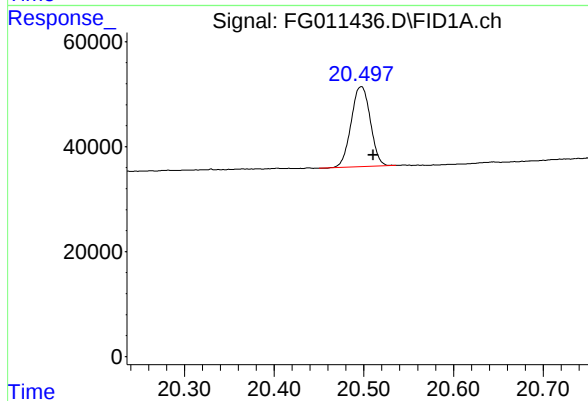
#14 N-DOTRIACONTANE

R.T.: 18.969 min
Delta R.T.: -0.012 min
Response: 288756
Conc: 2.86 ug/ml



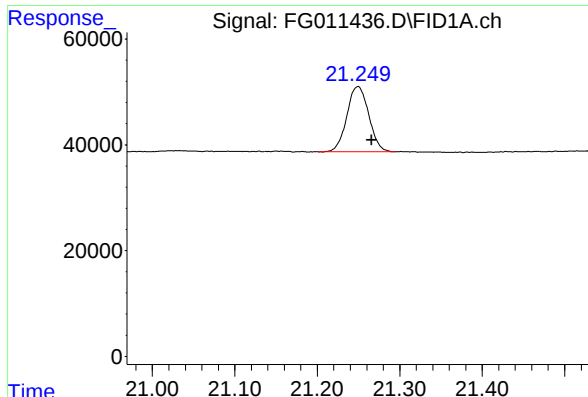
#15 N-TETRATRIACONTANE

R.T.: 19.756 min
Delta R.T.: -0.012 min
Response: 262574
Conc: 2.79 ug/ml



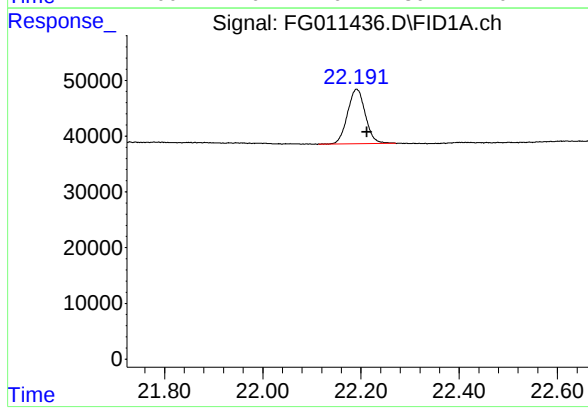
#16 N-HEXATRIACONTANE

R.T.: 20.497 min
Delta R.T.: -0.014 min
Response: 226805
Conc: 2.53 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.249 min
Delta R.T.: -0.016 min
Response: 228017
Conc: 2.43 ug/ml



#18 N-TETRACONTANE

R.T.: 22.191 min
Delta R.T.: -0.022 min
Response: 245191
Conc: 2.42 ug/ml