

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG063022\
 Data File : FG010043.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jun 2022 13:10
 Operator : AJ\MA
 Sample : N3214-04
 Misc : 1 PPM SOIL LOD
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 01 02:07:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG062922.M
 Quant Title :
 QLast Update : Thu Jun 30 04:15:08 2022
 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...	14.813	2392959	20.125 ug/ml
Target Compounds			
1) N-OCTANE	1.832	122276	0.983 ug/ml
2) N-DECANE	4.338	137954	1.085 ug/ml
3) N-DODECANE	6.516	142509	1.103 ug/ml
4) N-TETRADECANE	8.346	143222	1.086 ug/ml
5) N-HEXADECANE	9.955	148861	1.116 ug/ml
6) N-OCTADECANE	11.399	154212	1.140 ug/ml
7) N-EICOSANE	12.710	157272	1.174 ug/ml
8) N-DOCOSANE	13.910	153870	1.150 ug/ml
10) N-TETRACOSANE	15.014	156562	1.181 ug/ml
11) N-HEXACOSANE	16.037	160245	1.222 ug/ml
12) N-OCTACOSANE	16.989	193198	1.504 ug/ml
13) N-TRIACONTANE	17.877	266479	2.118 ug/ml
14) N-DOTRIACONTANE	18.711	282418	2.387 ug/ml
15) N-TETRATRIACONTANE	19.494	234848	2.210 ug/ml
16) N-HEXATRIACONTANE	20.236	170295	1.913 ug/ml
17) N-OCTATRIACONTANE	20.949	134560	1.728 ug/ml
18) N-TETRACONTANE	21.796	119123	1.520 ug/mlm

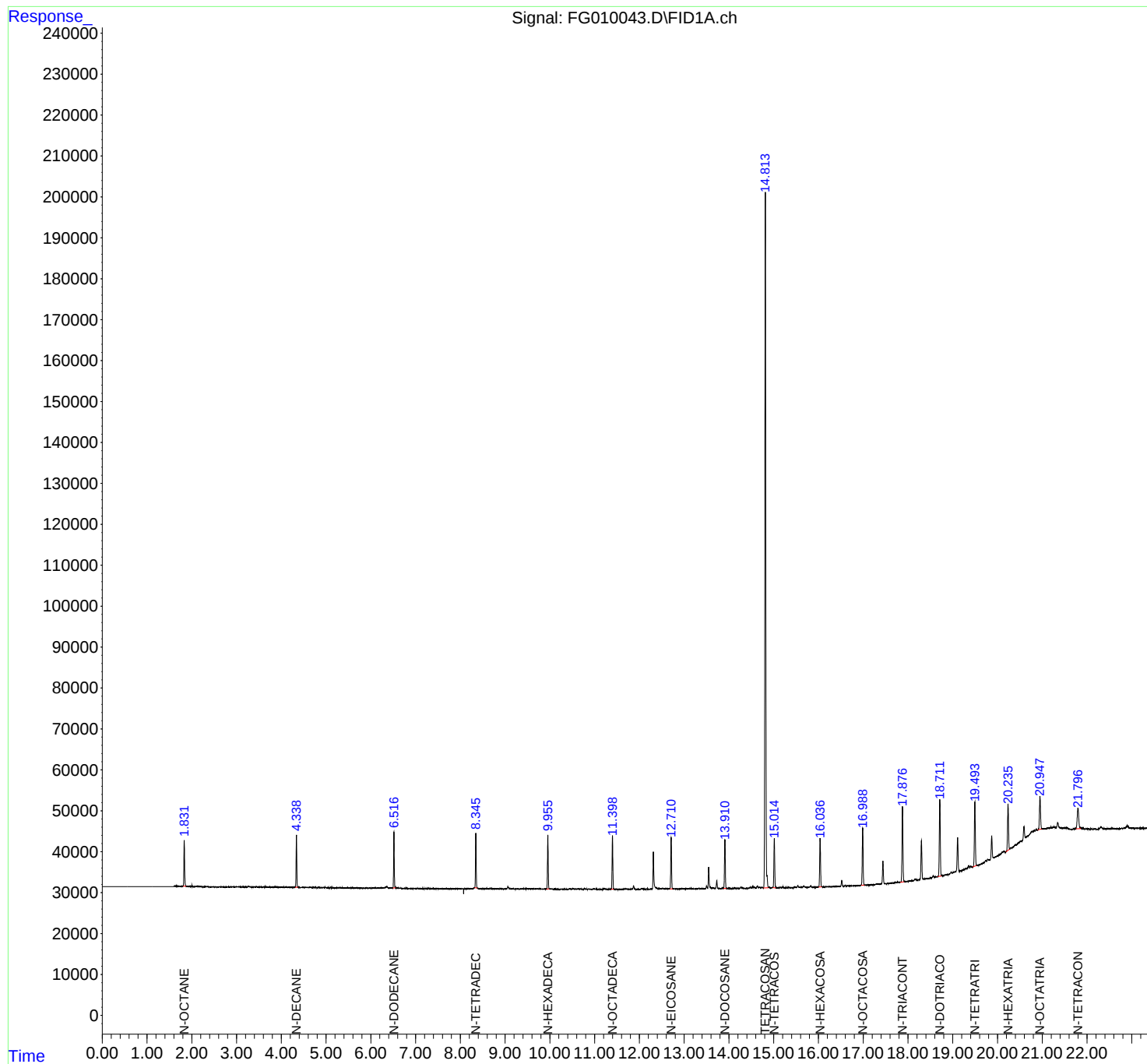
(f)=RT Delta > 1/2 Window

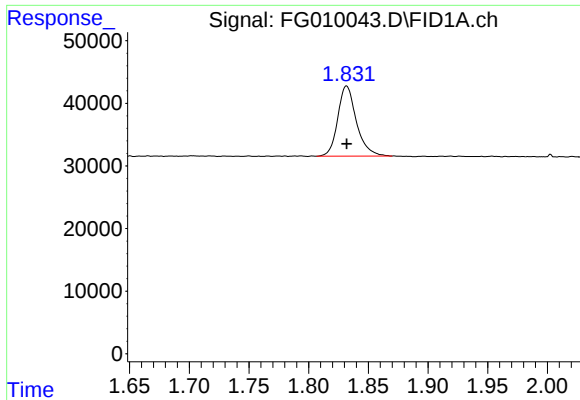
(m)=manual int.

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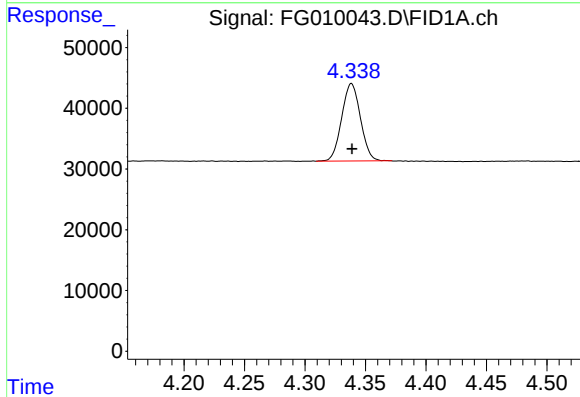
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





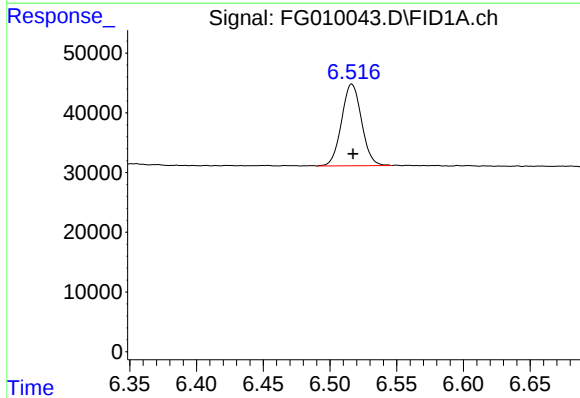
#1 N-OCTANE

R.T.: 1.832 min
Delta R.T.: 0.000 min
Response: 122276
Conc: 0.98 ug/ml



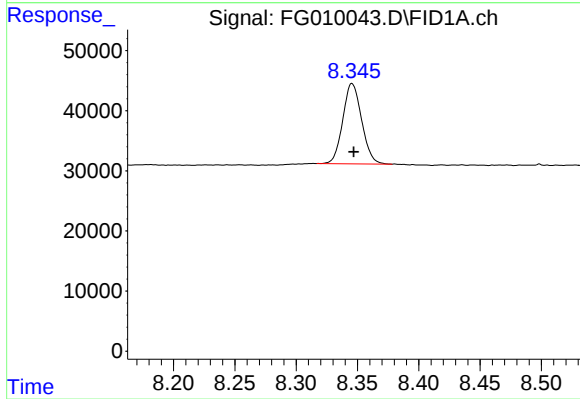
#2 N-DECANE

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 137954
Conc: 1.09 ug/ml



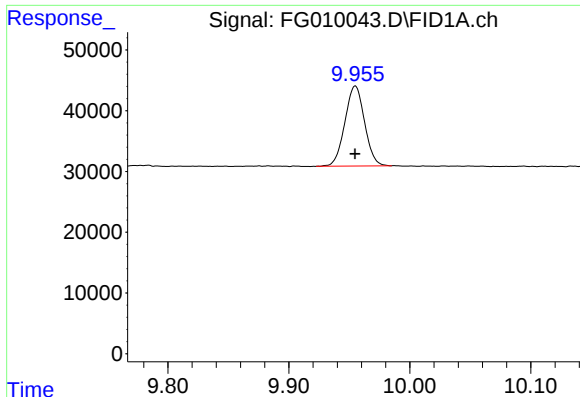
#3 N-DODECANE

R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 142509
Conc: 1.10 ug/ml



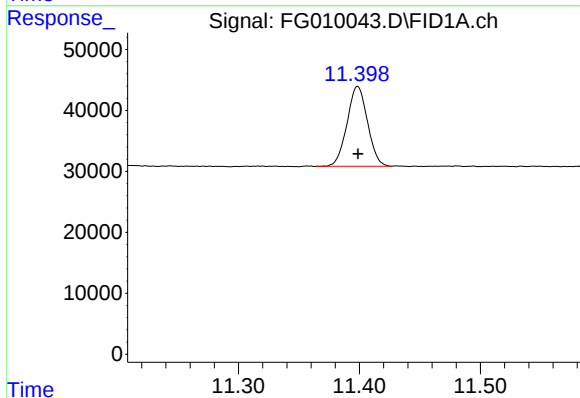
#4 N-TETRADECANE

R.T.: 8.346 min
Delta R.T.: -0.001 min
Response: 143222
Conc: 1.09 ug/ml



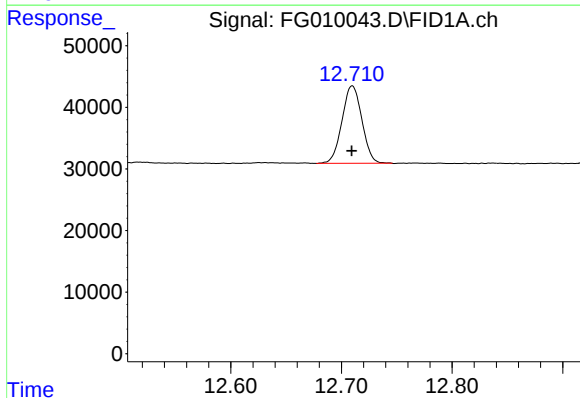
#5 N-HEXADECANE

R.T.: 9.955 min
Delta R.T.: 0.000 min
Response: 148861
Conc: 1.12 ug/ml



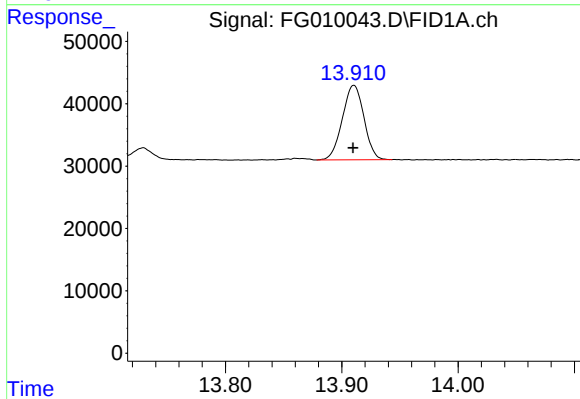
#6 N-OCTADECANE

R.T.: 11.399 min
Delta R.T.: 0.000 min
Response: 154212
Conc: 1.14 ug/ml



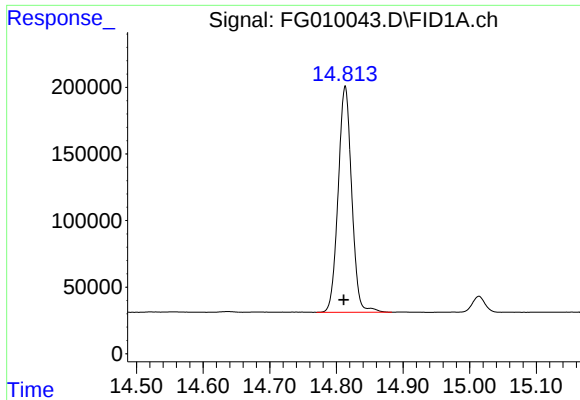
#7 N-EICOSANE

R.T.: 12.710 min
Delta R.T.: 0.000 min
Response: 157272
Conc: 1.17 ug/ml



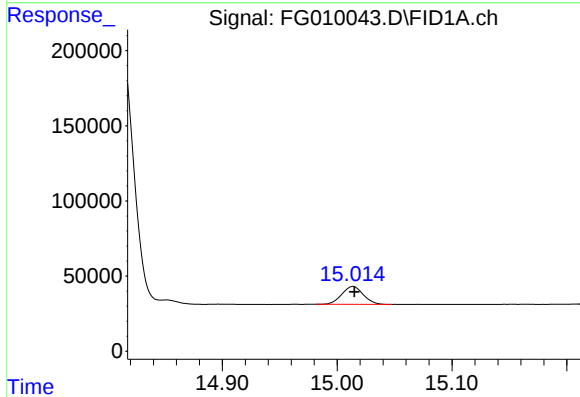
#8 N-DOCOSANE

R.T.: 13.910 min
Delta R.T.: 0.000 min
Response: 153870
Conc: 1.15 ug/ml



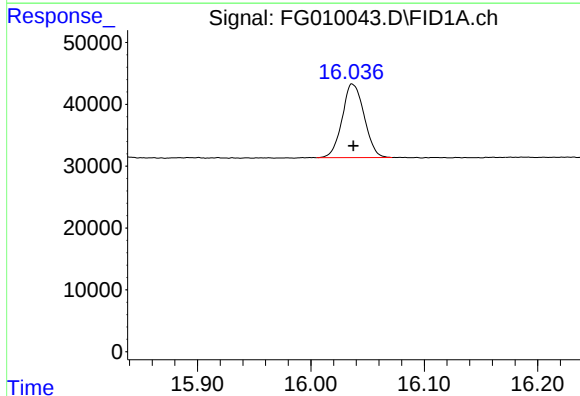
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.813 min
Delta R.T.: 0.002 min
Response: 2392959
Conc: 20.12 ug/ml



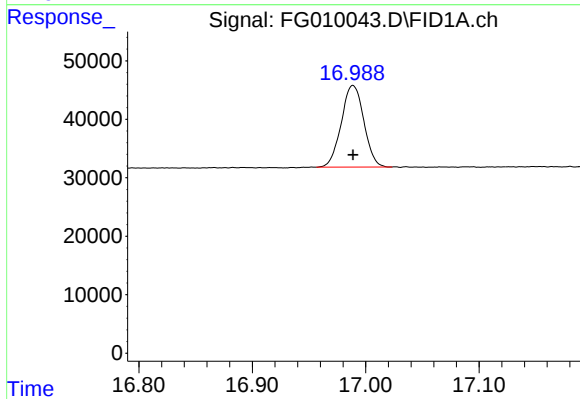
#10 N-TETRACOSANE

R.T.: 15.014 min
Delta R.T.: -0.001 min
Response: 156562
Conc: 1.18 ug/ml



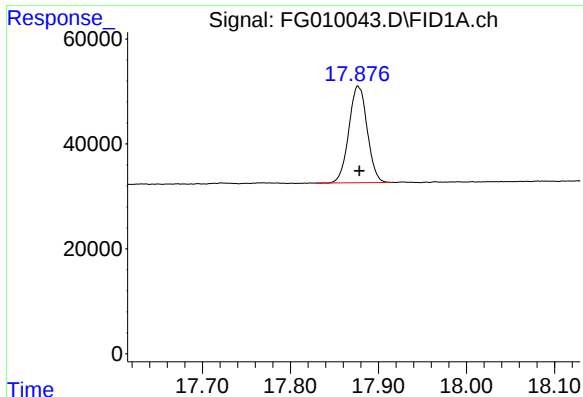
#11 N-HEXACOSANE

R.T.: 16.037 min
Delta R.T.: 0.000 min
Response: 160245
Conc: 1.22 ug/ml



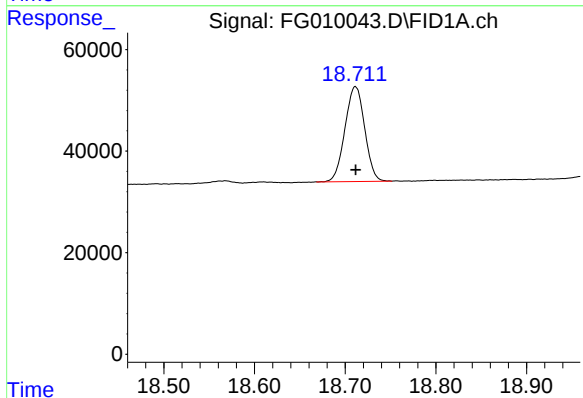
#12 N-OCTACOSANE

R.T.: 16.989 min
Delta R.T.: 0.000 min
Response: 193198
Conc: 1.50 ug/ml



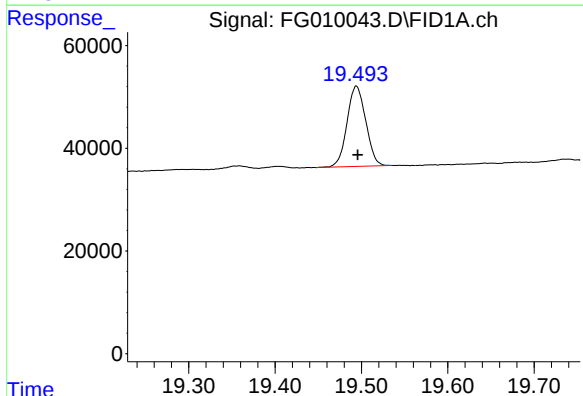
#13 N-TRIACONTANE

R.T.: 17.877 min
Delta R.T.: -0.002 min
Response: 266479
Conc: 2.12 ug/ml



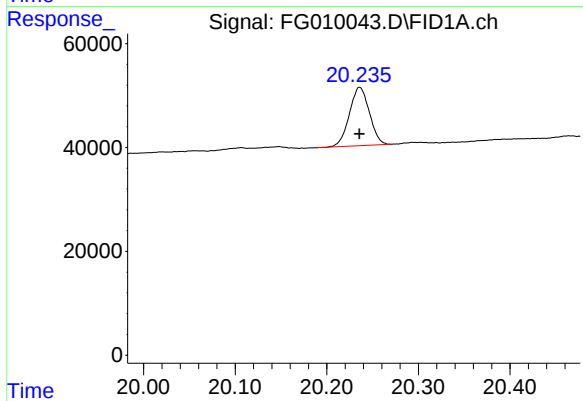
#14 N-DOTRIACONTANE

R.T.: 18.711 min
Delta R.T.: 0.000 min
Response: 282418
Conc: 2.39 ug/ml



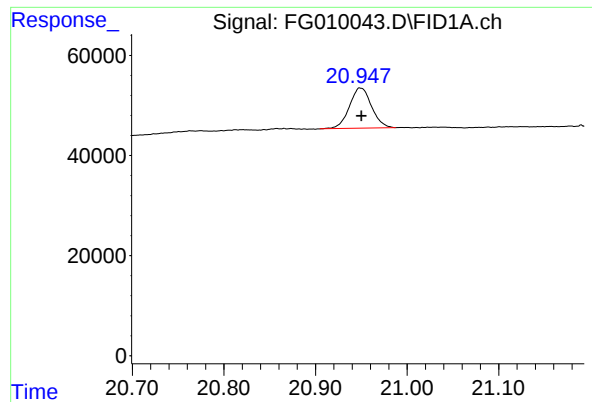
#15 N-TETRATRIACONTANE

R.T.: 19.494 min
Delta R.T.: -0.001 min
Response: 234848
Conc: 2.21 ug/ml



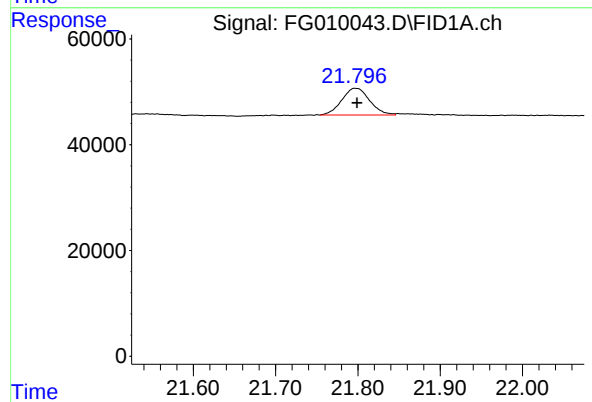
#16 N-HEXATRIACONTANE

R.T.: 20.236 min
Delta R.T.: 0.000 min
Response: 170295
Conc: 1.91 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.949 min
Delta R.T.: -0.002 min
Response: 134560
Conc: 1.73 ug/ml



#18 N-TETRACONTANE

R.T.: 21.796 min
Delta R.T.: -0.003 min
Response: 119123
Conc: 1.52 ug/ml m