

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022223\
 Data File : FG011440.D
 Signal(s) : FID1A.ch
 Acq On : 22 Feb 2023 20:19
 Operator : YP\AJ
 Sample : 01627-07
 Misc : 1 PPM WATER LOD
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 01:48:57 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	2167244	20.605 ug/ml
Target Compounds			
1) N-OCTANE	2.075	117798	0.992 ug/ml
2) N-DECANE	4.591	135458	1.112 ug/ml
3) N-DODECANE	6.759	135343	1.095 ug/ml
4) N-TETRADECANE	8.589	117031	0.947 ug/ml
5) N-HEXADECANE	10.200	143102	1.134 ug/ml
6) N-OCTADECANE	11.647	142878	1.132 ug/ml
7) N-EICOSANE	12.960	141535	1.131 ug/ml
8) N-DOCOSANE	14.161	136030	1.134 ug/ml
10) N-TETRACOSANE	15.267	133921	1.135 ug/ml
11) N-HEXACOSANE	16.291	131409	1.154 ug/ml
12) N-OCTACOSANE	17.244	145326	1.324 ug/ml
13) N-TRIACONTANE	18.134	175042	1.652 ug/ml
14) N-DOTRIACONTANE	18.968	190650	1.890 ug/ml
15) N-TETRATRIACONTANE	19.755	161367	1.712 ug/ml
16) N-HEXATRIACONTANE	20.498	136319	1.522 ug/ml
17) N-OCTATRIACONTANE	21.248	123909	1.319 ug/ml
18) N-TETRACONTANE	22.189	72734	0.717 ug/ml

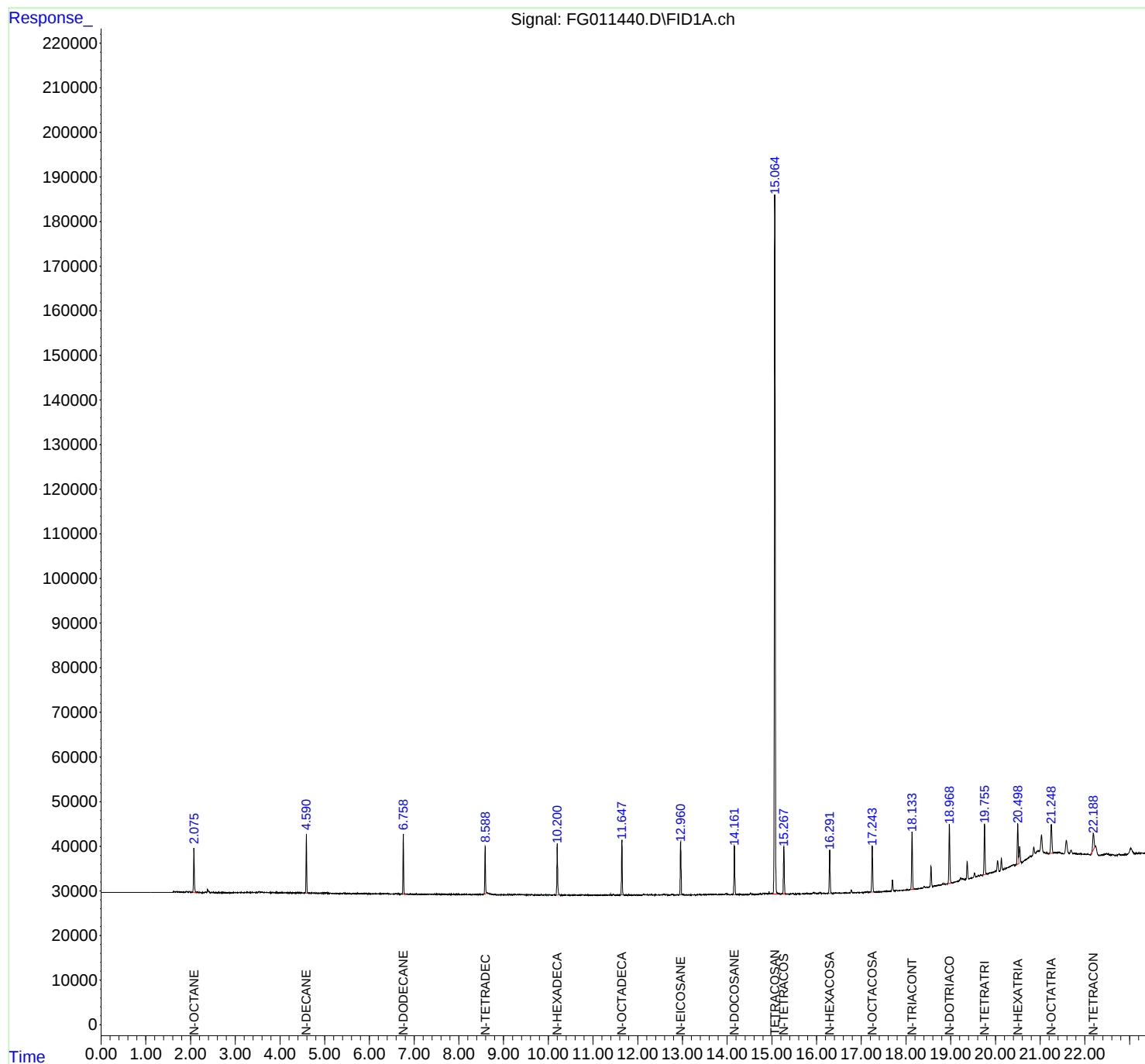
(f)=RT Delta > 1/2 Window

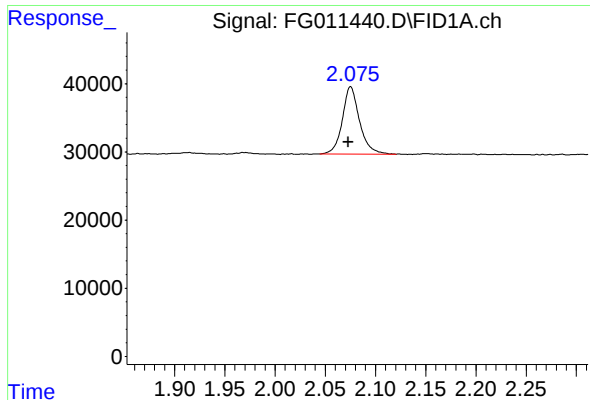
(m)=manual int.

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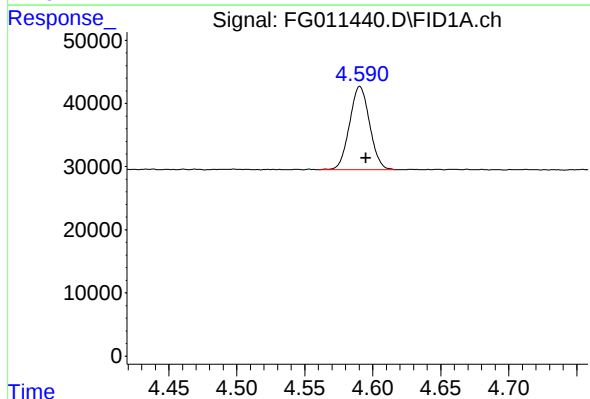
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





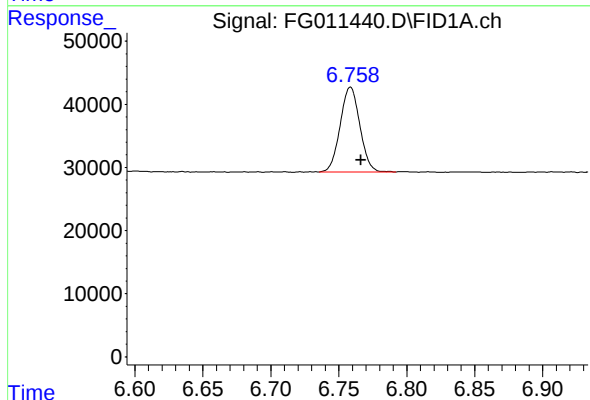
#1 N-OCTANE

R.T.: 2.075 min
Delta R.T.: 0.002 min
Response: 117798
Conc: 0.99 ug/ml



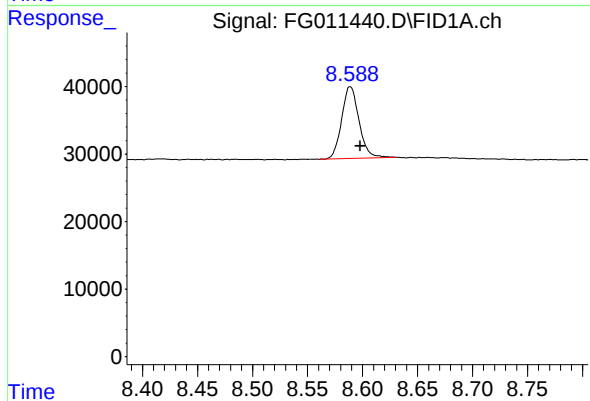
#2 N-DECANE

R.T.: 4.591 min
Delta R.T.: -0.005 min
Response: 135458
Conc: 1.11 ug/ml



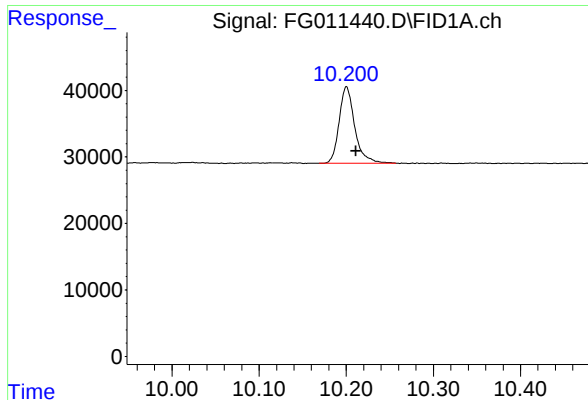
#3 N-DODECANE

R.T.: 6.759 min
Delta R.T.: -0.008 min
Response: 135343
Conc: 1.09 ug/ml



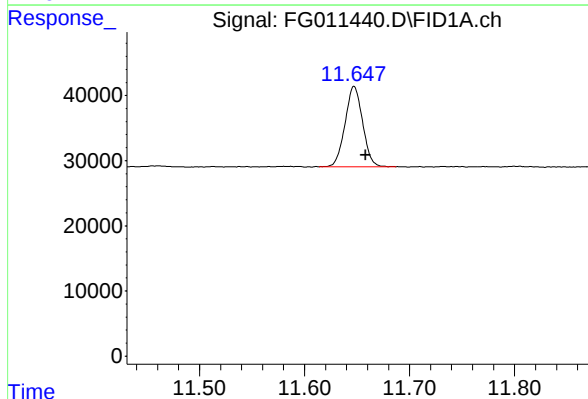
#4 N-TETRADECANE

R.T.: 8.589 min
Delta R.T.: -0.009 min
Response: 117031
Conc: 0.95 ug/ml



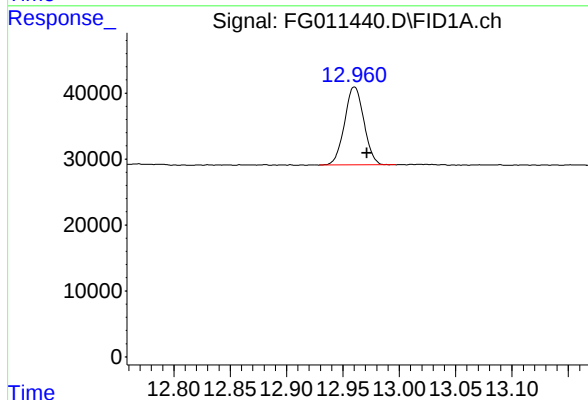
#5 N-HEXADECANE

R.T.: 10.200 min
Delta R.T.: -0.011 min
Response: 143102
Conc: 1.13 ug/ml



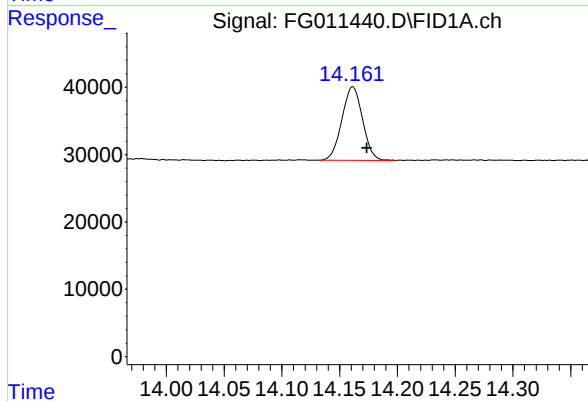
#6 N-OCTADECANE

R.T.: 11.647 min
Delta R.T.: -0.011 min
Response: 142878
Conc: 1.13 ug/ml



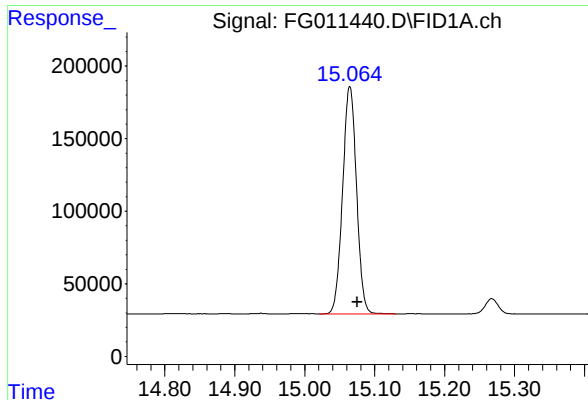
#7 N-EICOSANE

R.T.: 12.960 min
Delta R.T.: -0.011 min
Response: 141535
Conc: 1.13 ug/ml



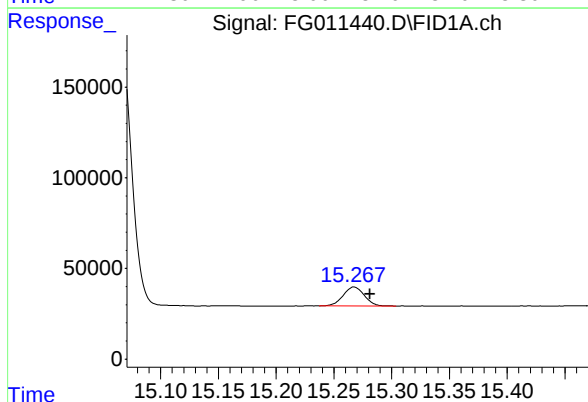
#8 N-DOCOSANE

R.T.: 14.161 min
Delta R.T.: -0.012 min
Response: 136030
Conc: 1.13 ug/ml



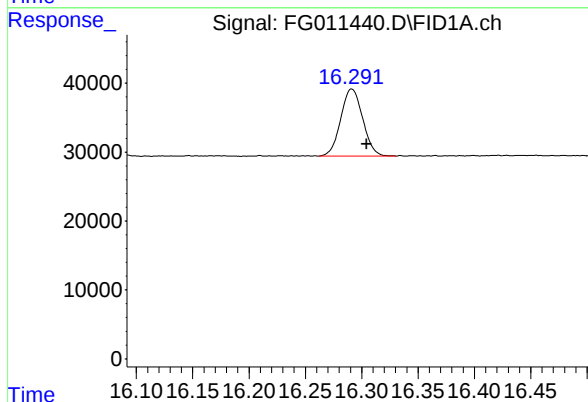
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.065 min
Delta R.T.: -0.011 min
Response: 2167244
Conc: 20.60 ug/ml



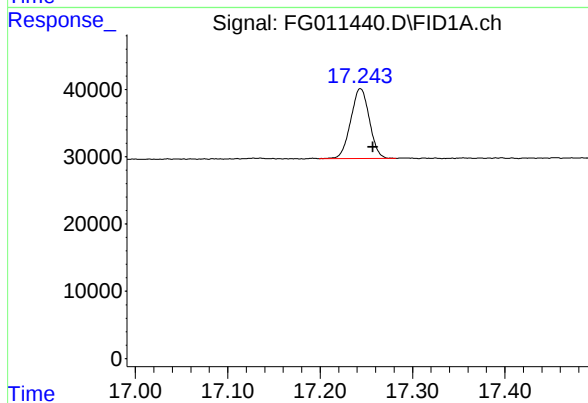
#10 N-TETRACOSANE

R.T.: 15.267 min
Delta R.T.: -0.014 min
Response: 133921
Conc: 1.13 ug/ml



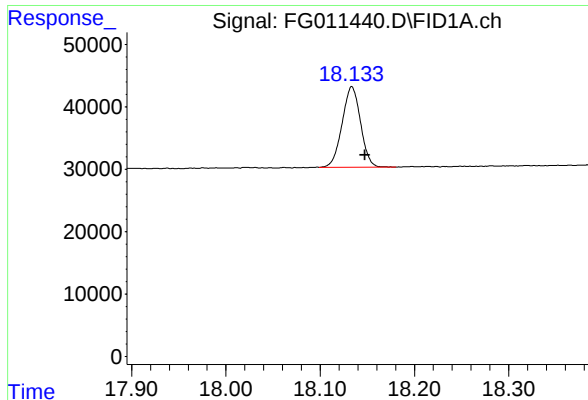
#11 N-HEXACOSANE

R.T.: 16.291 min
Delta R.T.: -0.013 min
Response: 131409
Conc: 1.15 ug/ml



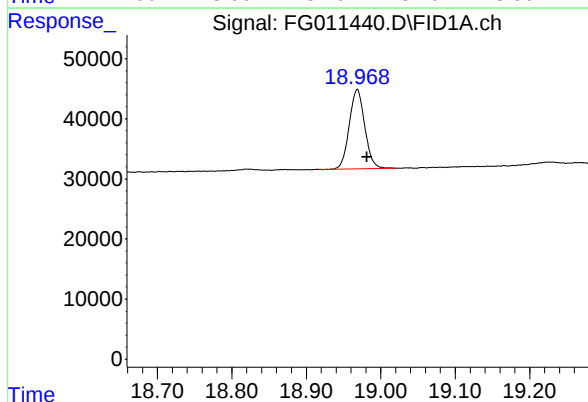
#12 N-OCTACOSANE

R.T.: 17.244 min
Delta R.T.: -0.013 min
Response: 145326
Conc: 1.32 ug/ml



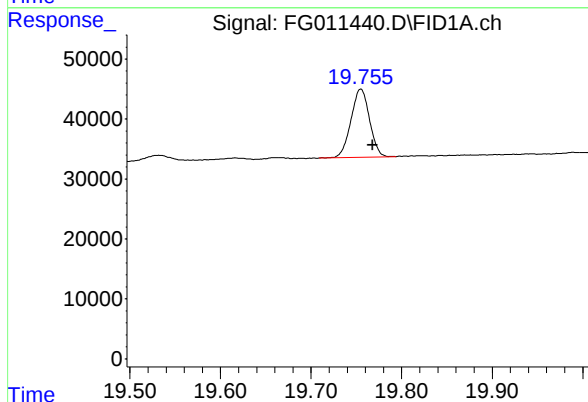
#13 N-TRIACONTANE

R.T.: 18.134 min
Delta R.T.: -0.014 min
Response: 175042
Conc: 1.65 ug/ml



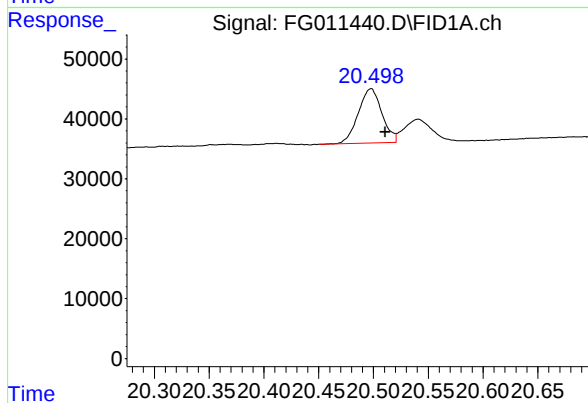
#14 N-DOTRIACONTANE

R.T.: 18.968 min
Delta R.T.: -0.013 min
Response: 190650
Conc: 1.89 ug/ml



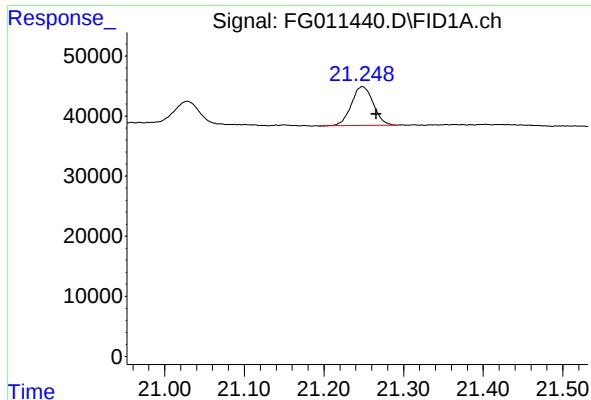
#15 N-TETRATRIACONTANE

R.T.: 19.755 min
Delta R.T.: -0.013 min
Response: 161367
Conc: 1.71 ug/ml



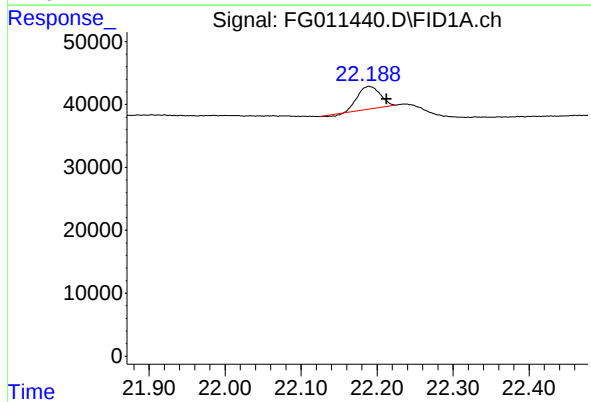
#16 N-HEXATRIACONTANE

R.T.: 20.498 min
Delta R.T.: -0.013 min
Response: 136319
Conc: 1.52 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.248 min
Delta R.T.: -0.018 min
Response: 123909
Conc: 1.32 ug/ml



#18 N-TETRACONTANE

R.T.: 22.189 min
Delta R.T.: -0.023 min
Response: 72734
Conc: 0.72 ug/ml