

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022223\
 Data File : FE040483.D
 Signal(s) : FID1B.ch
 Acq On : 22 Feb 2023 10:54
 Operator : YP\AJ
 Sample : 01627-04
 Misc : 1 PPM SOIL LOD
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 02:23:00 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...	14.975	2570705	19.468 ug/ml
Target Compounds			
1) N-OCTANE	2.017	131908	0.950 ug/ml
2) N-DECANE	4.527	111546	0.816 ug/ml
3) N-DODECANE	6.694	83739	0.601 ug/ml
4) N-TETRADECANE	8.524	83593	0.584 ug/ml
5) N-HEXADECANE	10.130	124540	0.839 ug/ml
6) N-OCTADECANE	11.569	132972	0.877 ug/ml
7) N-EICOSANE	12.878	141544	0.931 ug/ml
8) N-DOCOSANE	14.076	155043	1.045 ug/ml
10) N-TETRACOSANE	15.178	152403	1.030 ug/ml
11) N-HEXACOSANE	16.202	142247	0.983 ug/ml
12) N-OCTACOSANE	17.152	146592	1.036 ug/ml
13) N-TRIACONTANE	18.039	144108	1.051 ug/ml
14) N-DOTRIACONTANE	18.873	146152	1.126 ug/ml
15) N-TETRATRIACONTANE	19.658	130395	1.087 ug/ml
16) N-HEXATRIACONTANE	20.399	112591	0.955 ug/ml
17) N-OCTATRIACONTANE	21.128	107810	0.980 ug/ml
18) N-TETRACONTANE	22.020	108311	0.968 ug/ml

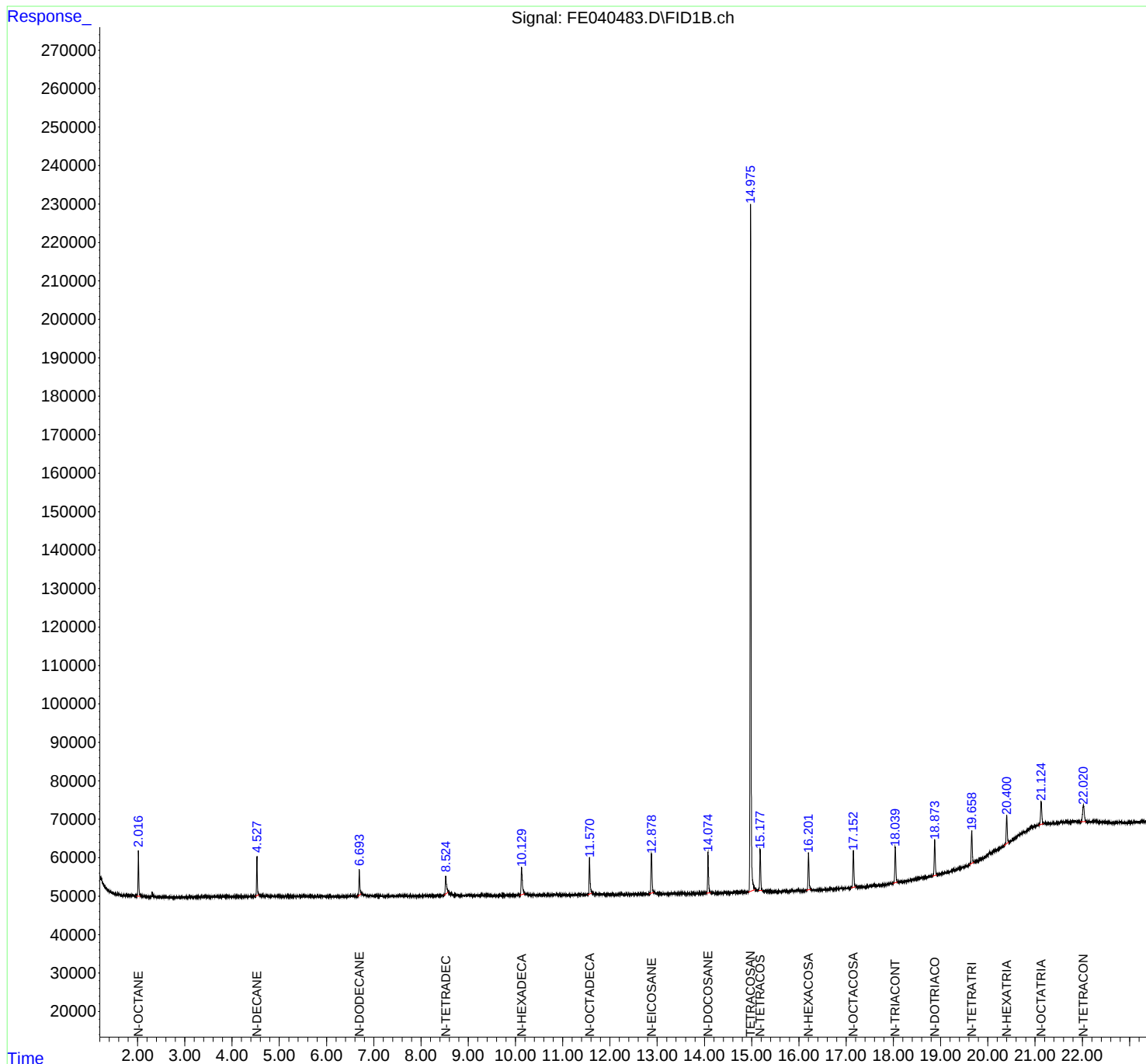
(f)=RT Delta > 1/2 Window

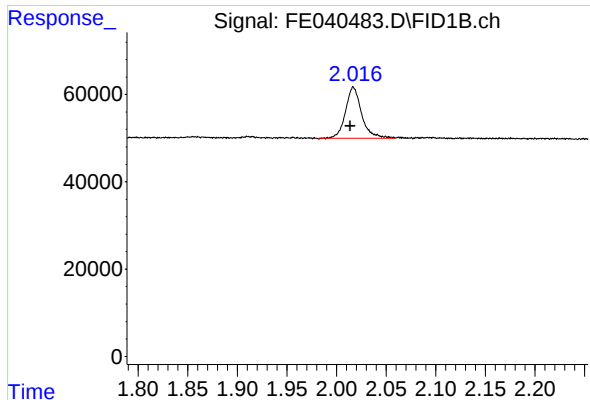
(m)=manual int.

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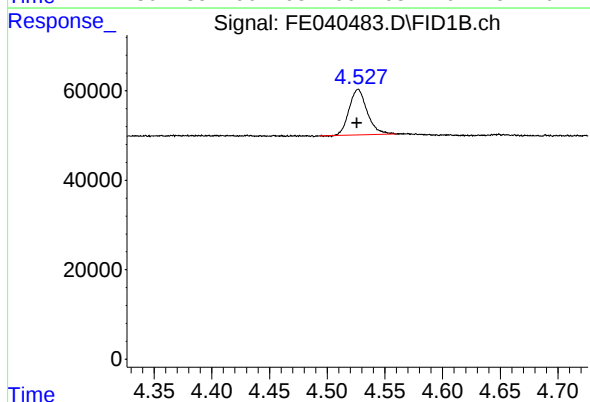
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





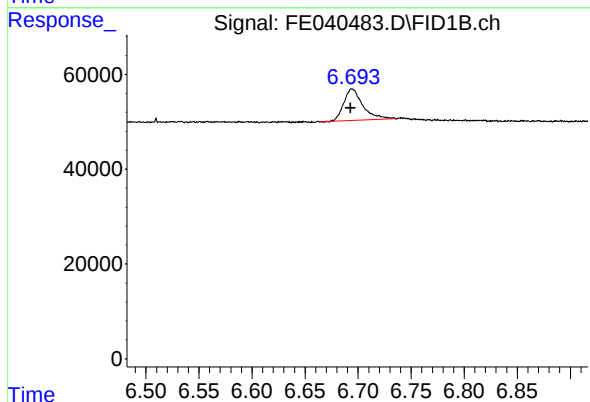
#1 N-OCTANE

R.T.: 2.017 min
Delta R.T.: 0.003 min
Response: 131908
Conc: 0.95 ug/ml



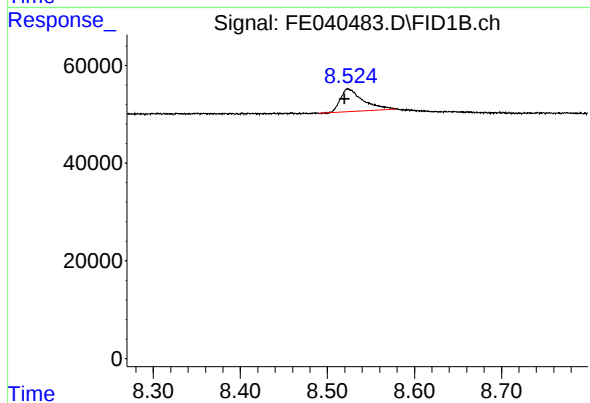
#2 N-DECANE

R.T.: 4.527 min
Delta R.T.: 0.001 min
Response: 111546
Conc: 0.82 ug/ml



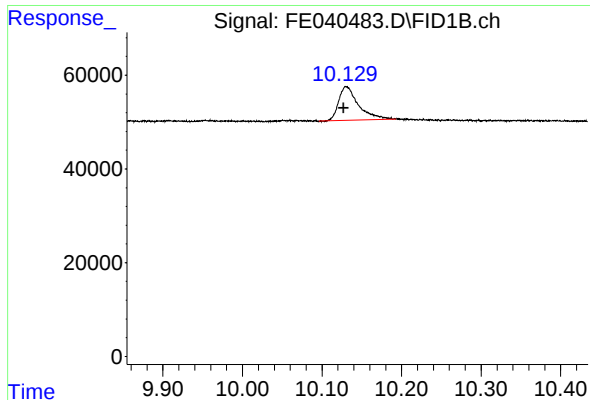
#3 N-DODECANE

R.T.: 6.694 min
Delta R.T.: 0.002 min
Response: 83739
Conc: 0.60 ug/ml



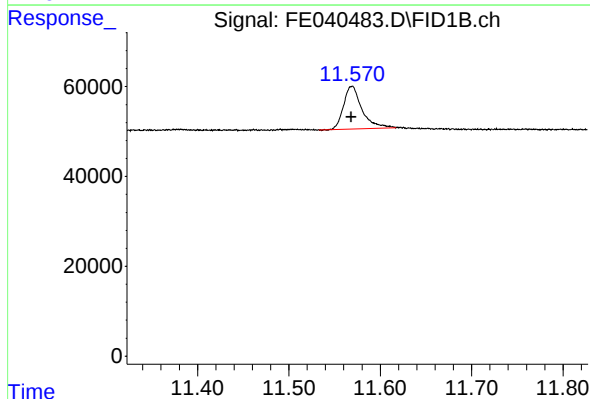
#4 N-TETRADECANE

R.T.: 8.524 min
Delta R.T.: 0.004 min
Response: 83593
Conc: 0.58 ug/ml



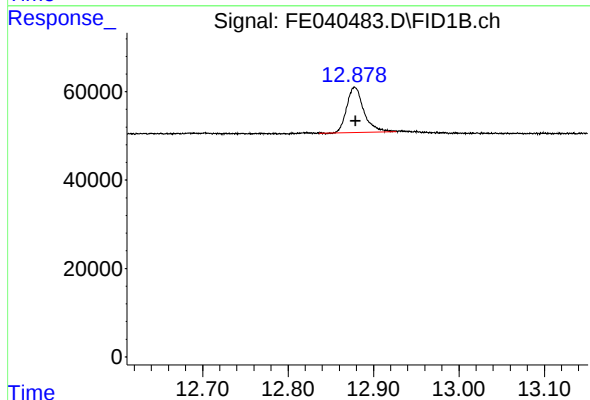
#5 N-HEXADECANE

R.T.: 10.130 min
Delta R.T.: 0.003 min
Response: 124540
Conc: 0.84 ug/ml



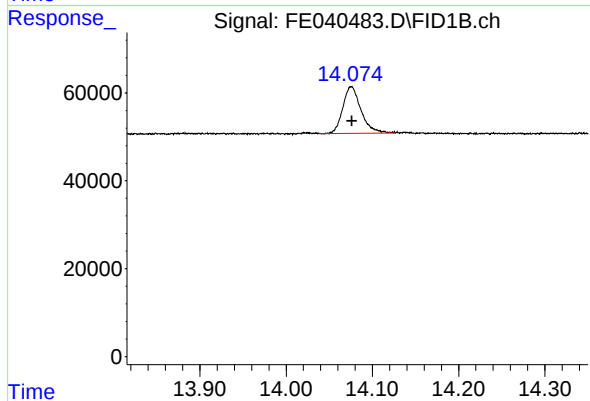
#6 N-OCTADECANE

R.T.: 11.569 min
Delta R.T.: 0.000 min
Response: 132972
Conc: 0.88 ug/ml



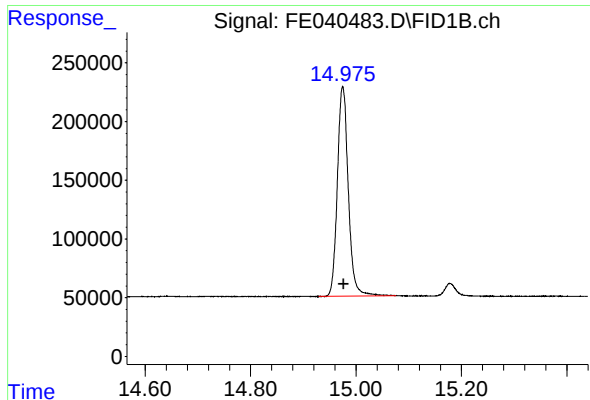
#7 N-EICOSANE

R.T.: 12.878 min
Delta R.T.: 0.000 min
Response: 141544
Conc: 0.93 ug/ml



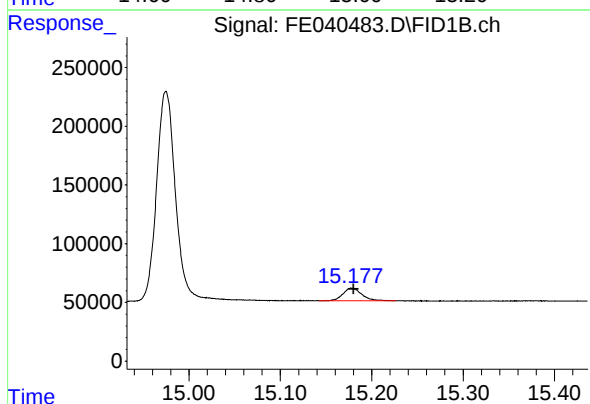
#8 N-DOCOSANE

R.T.: 14.076 min
Delta R.T.: 0.000 min
Response: 155043
Conc: 1.04 ug/ml



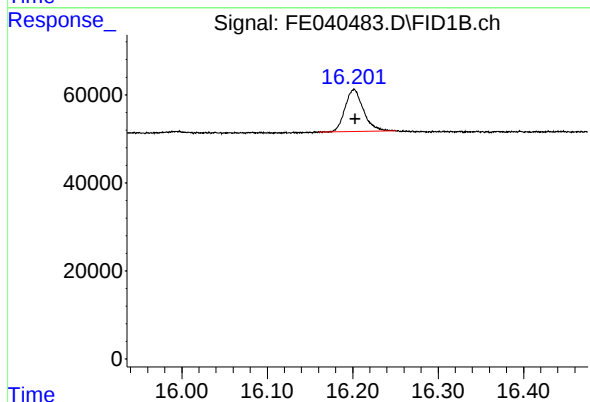
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.975 min
Delta R.T.: -0.002 min
Response: 2570705
Conc: 19.47 ug/ml



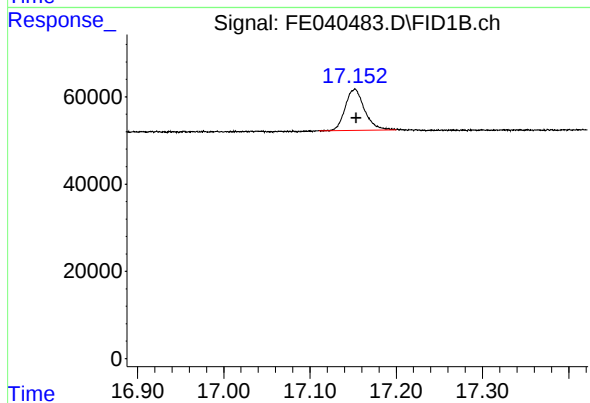
#10 N-TETRACOSANE

R.T.: 15.178 min
Delta R.T.: -0.002 min
Response: 152403
Conc: 1.03 ug/ml



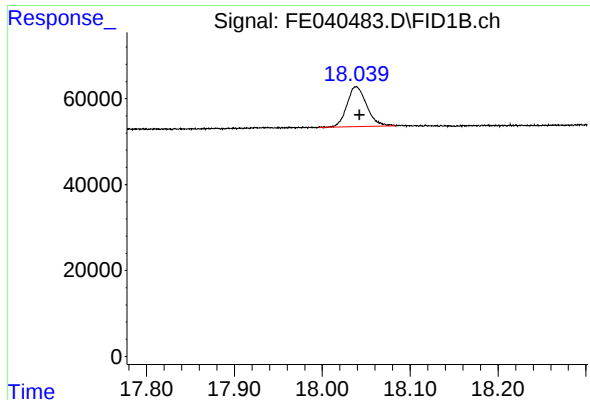
#11 N-HEXACOSANE

R.T.: 16.202 min
Delta R.T.: -0.001 min
Response: 142247
Conc: 0.98 ug/ml



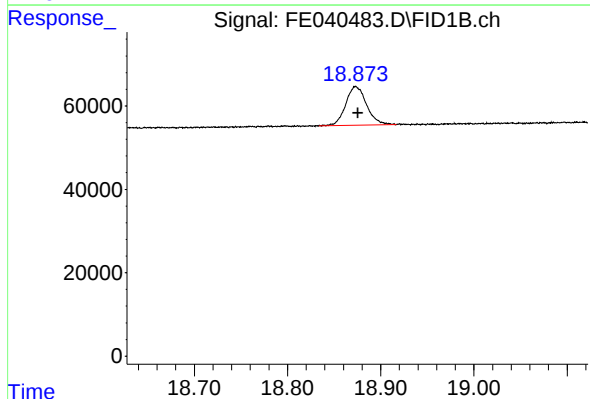
#12 N-OCTACOSANE

R.T.: 17.152 min
Delta R.T.: -0.001 min
Response: 146592
Conc: 1.04 ug/ml



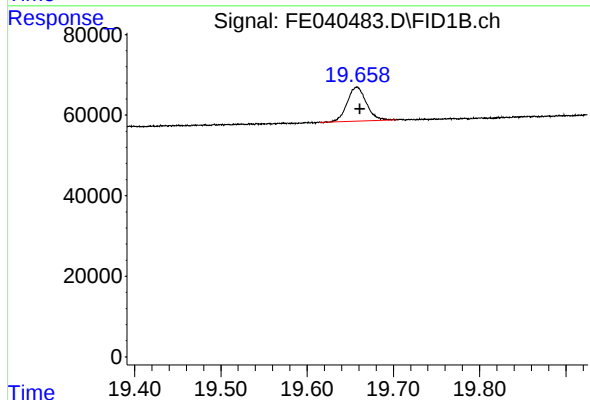
#13 N-TRIACONTANE

R.T.: 18.039 min
Delta R.T.: -0.004 min
Response: 144108
Conc: 1.05 ug/ml



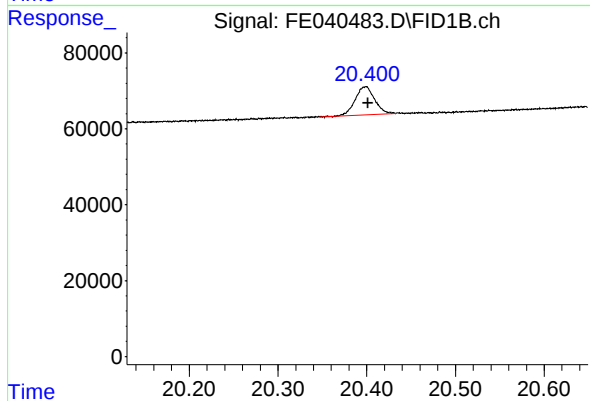
#14 N-DOTRIACONTANE

R.T.: 18.873 min
Delta R.T.: -0.003 min
Response: 146152
Conc: 1.13 ug/ml



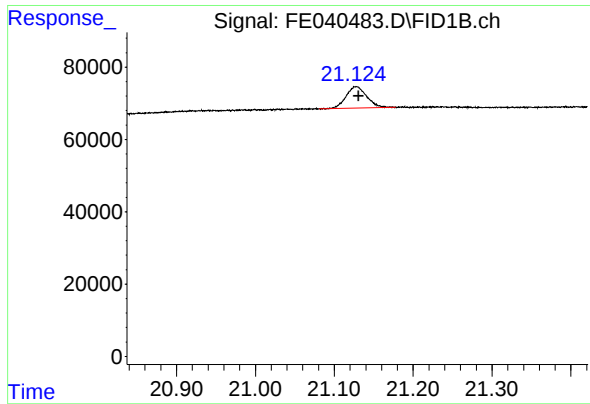
#15 N-TETRATRIACONTANE

R.T.: 19.658 min
Delta R.T.: -0.003 min
Response: 130395
Conc: 1.09 ug/ml



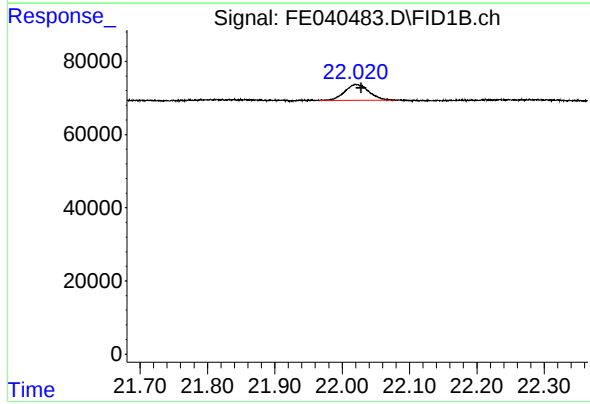
#16 N-HEXATRIACONTANE

R.T.: 20.399 min
Delta R.T.: -0.003 min
Response: 112591
Conc: 0.95 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.128 min
Delta R.T.: -0.003 min
Response: 107810
Conc: 0.98 ug/ml



#18 N-TETRACONTANE

R.T.: 22.020 min
Delta R.T.: -0.008 min
Response: 108311
Conc: 0.97 ug/ml