

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070822\
 Data File : FE036435.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jul 2022 14:51
 Operator : YP\AJ
 Sample : N3214-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 09 01:22:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE062022.M
 Quant Title :
 QLast Update : Tue Jun 21 02:15:59 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...	14.956	2954101	21.052 ug/ml
Target Compounds			
1) N-OCTANE	1.981	399454	2.497 ug/ml
2) N-DECANE	4.512	359614	2.210 ug/ml
3) N-DODECANE	6.680	326036	2.002 ug/ml
4) N-TETRADECANE	8.505	316905	1.953 ug/ml
5) N-HEXADECANE	10.112	311434	1.921 ug/ml
6) N-OCTADECANE	11.554	314647	1.923 ug/ml
7) N-EICOSANE	12.860	324595	2.023 ug/ml
8) N-DOCOSANE	14.057	331364	2.084 ug/ml
10) N-TETRACOSANE	15.160	332285	2.126 ug/ml
11) N-HEXACOSANE	16.179	322658	2.101 ug/ml
12) N-OCTACOSANE	17.129	335317	2.229 ug/ml
13) N-TRIACONTANE	18.016	375725	2.531 ug/ml
14) N-DOTRIACONTANE	18.849	354099	2.510 ug/ml
15) N-TETRATRIACONTANE	19.633	286305	2.226 ug/ml
16) N-HEXATRIACONTANE	20.373	214267	1.924 ug/ml
17) N-OCTATRIACONTANE	21.099	183774	1.874 ug/ml
18) N-TETRACONTANE	21.989	171533	1.752 ug/ml

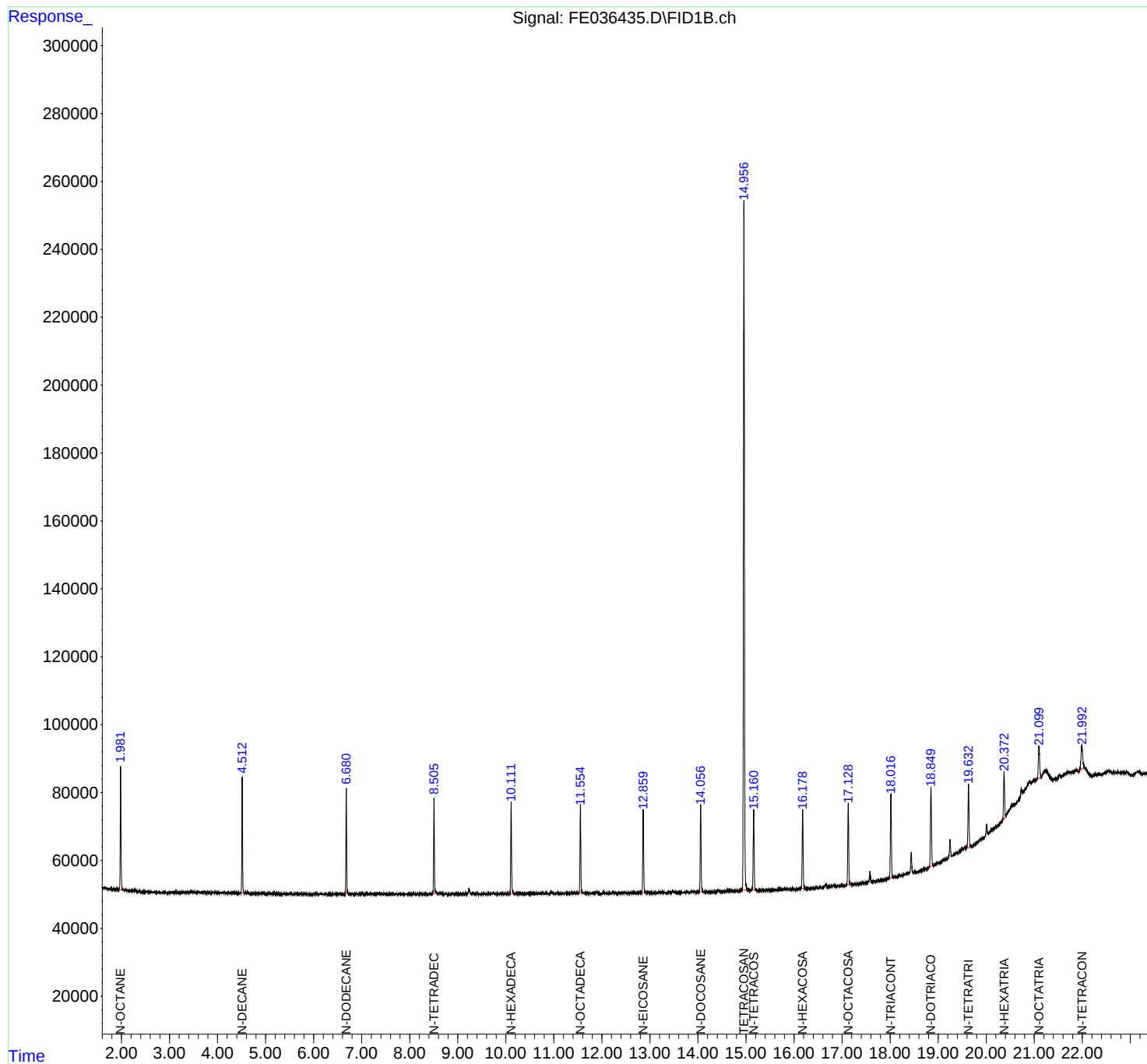
(f)=RT Delta > 1/2 Window

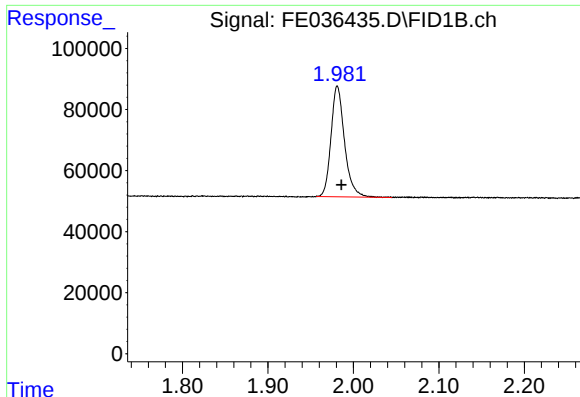
(m)=manual int.

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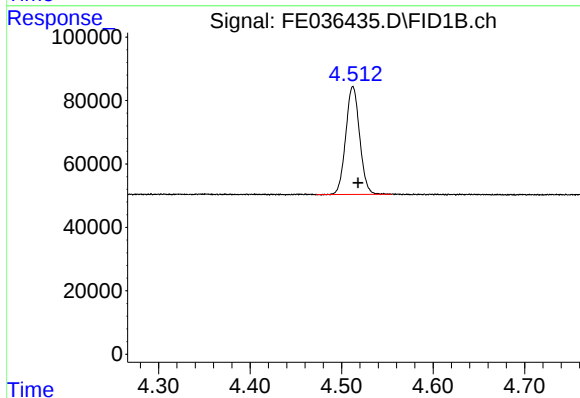
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





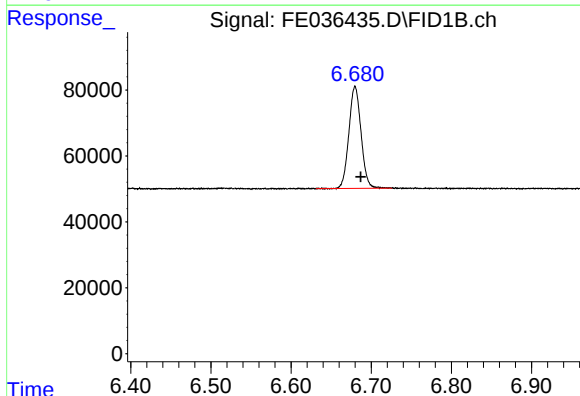
#1 N-OCTANE

R.T.: 1.981 min
Delta R.T.: -0.005 min
Response: 399454
Conc: 2.50 ug/ml



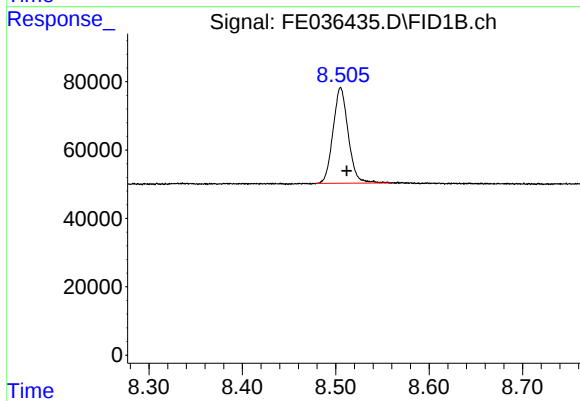
#2 N-DECANE

R.T.: 4.512 min
Delta R.T.: -0.006 min
Response: 359614
Conc: 2.21 ug/ml



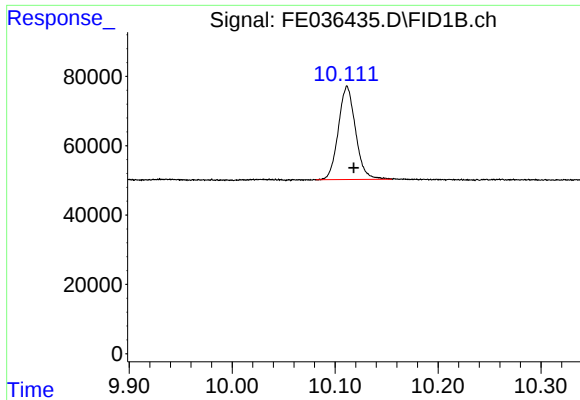
#3 N-DODECANE

R.T.: 6.680 min
Delta R.T.: -0.007 min
Response: 326036
Conc: 2.00 ug/ml



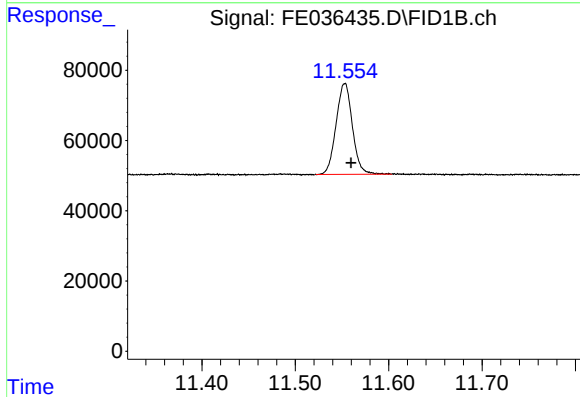
#4 N-TETRADECANE

R.T.: 8.505 min
Delta R.T.: -0.007 min
Response: 316905
Conc: 1.95 ug/ml



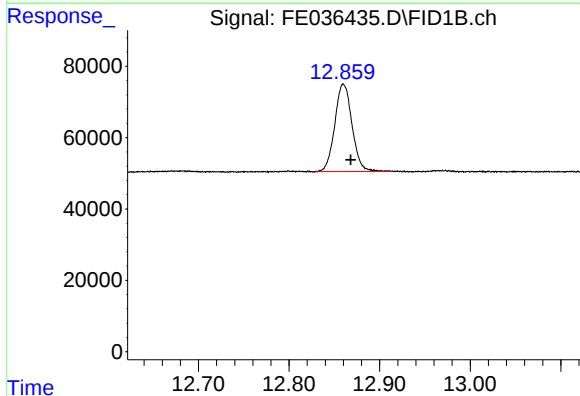
#5 N-HEXADECANE

R.T.: 10.112 min
Delta R.T.: -0.006 min
Response: 311434
Conc: 1.92 ug/ml



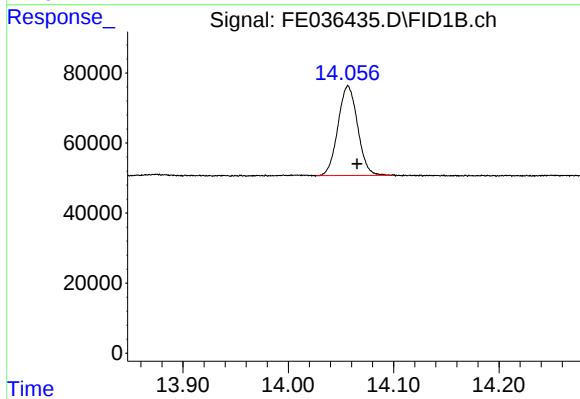
#6 N-OCTADECANE

R.T.: 11.554 min
Delta R.T.: -0.006 min
Response: 314647
Conc: 1.92 ug/ml



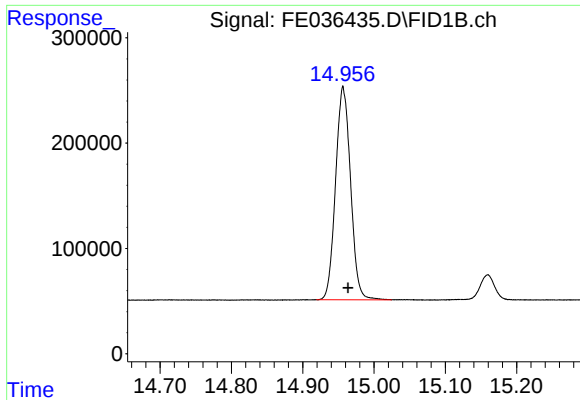
#7 N-EICOSANE

R.T.: 12.860 min
Delta R.T.: -0.008 min
Response: 324595
Conc: 2.02 ug/ml



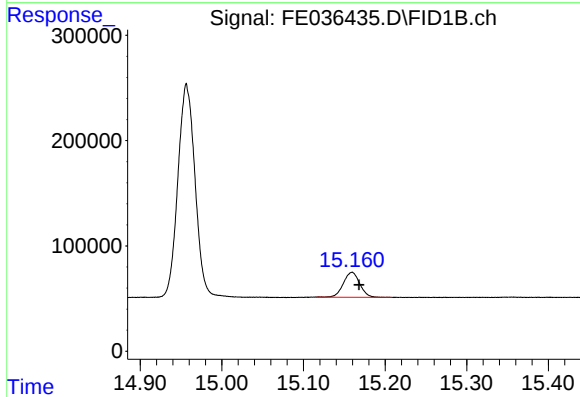
#8 N-DOCOSANE

R.T.: 14.057 min
Delta R.T.: -0.009 min
Response: 331364
Conc: 2.08 ug/ml



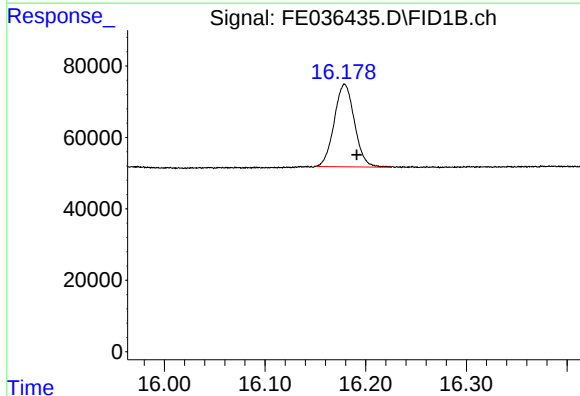
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.956 min
Delta R.T.: -0.007 min
Response: 2954101
Conc: 21.05 ug/ml



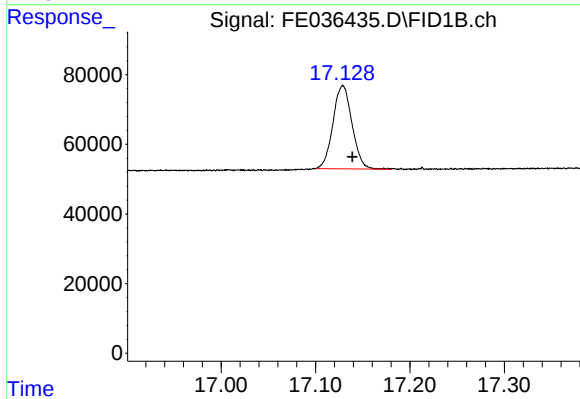
#10 N-TETRACOSANE

R.T.: 15.160 min
Delta R.T.: -0.008 min
Response: 332285
Conc: 2.13 ug/ml



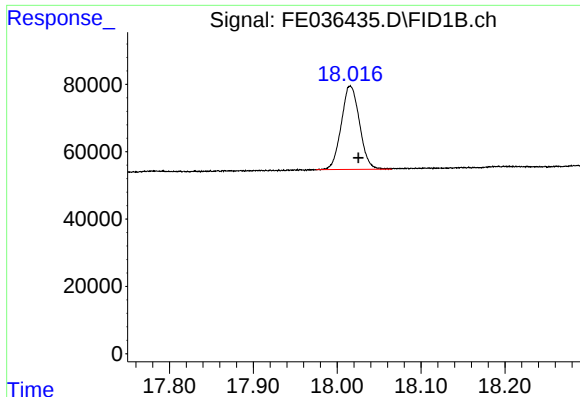
#11 N-HEXACOSANE

R.T.: 16.179 min
Delta R.T.: -0.012 min
Response: 322658
Conc: 2.10 ug/ml



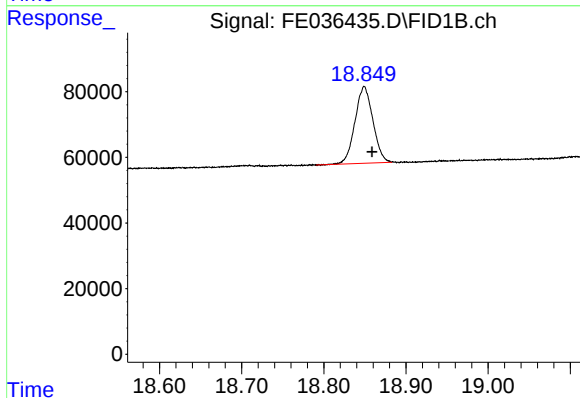
#12 N-OCTACOSANE

R.T.: 17.129 min
Delta R.T.: -0.010 min
Response: 335317
Conc: 2.23 ug/ml



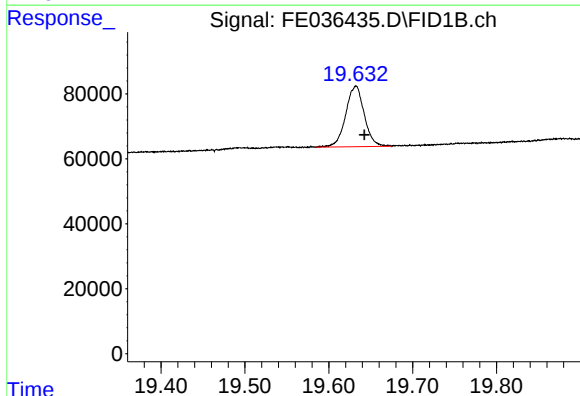
#13 N-TRIACONTANE

R.T.: 18.016 min
Delta R.T.: -0.009 min
Response: 375725
Conc: 2.53 ug/ml



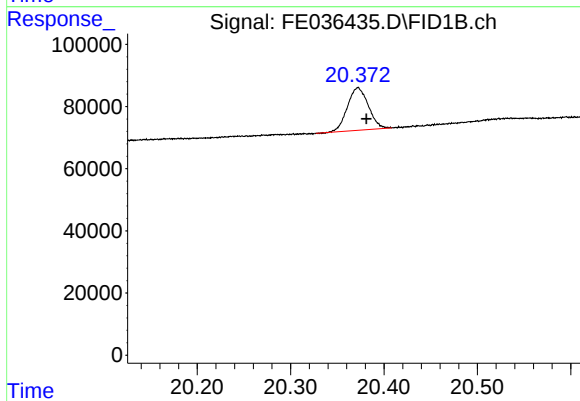
#14 N-DOTRIACONTANE

R.T.: 18.849 min
Delta R.T.: -0.010 min
Response: 354099
Conc: 2.51 ug/ml



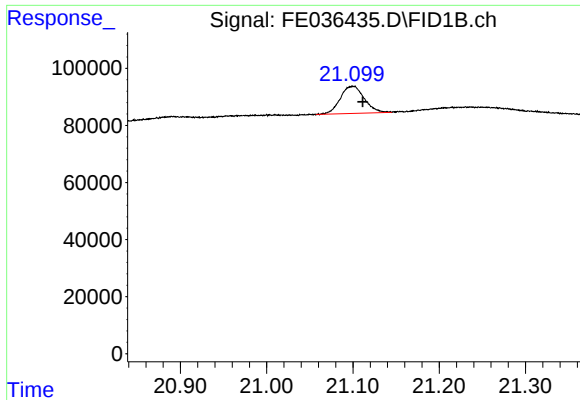
#15 N-TETRATRIACONTANE

R.T.: 19.633 min
Delta R.T.: -0.010 min
Response: 286305
Conc: 2.23 ug/ml



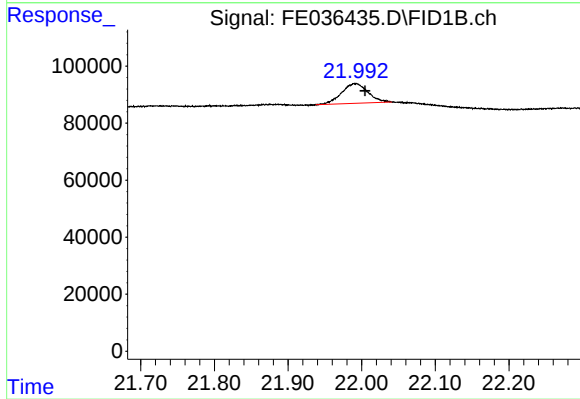
#16 N-HEXATRIACONTANE

R.T.: 20.373 min
Delta R.T.: -0.009 min
Response: 214267
Conc: 1.92 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.099 min
Delta R.T.: -0.012 min
Response: 183774
Conc: 1.87 ug/ml



#18 N-TETRACONTANE

R.T.: 21.989 min
Delta R.T.: -0.016 min
Response: 171533
Conc: 1.75 ug/ml