

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071825\
 Data File : FG016339.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jul 2025 14:22
 Operator : YP\AJ
 Sample : Q2592-01MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 19 02:00:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 12:46:24 2025
 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...	15.182	1196823	11.970 ug/ml
Target Compounds			
1) N-OCTANE	2.116	1068257	9.460 ug/ml
2) N-DECANE	4.668	1635891	14.204 ug/ml
3) N-DODECANE	6.851	1901051	16.397 ug/ml
4) N-TETRADECANE	8.693	2006184	16.997 ug/ml
5) N-HEXADECANE	10.313	2001209	17.302 ug/ml
6) N-OCTADECANE	11.770	2104139	17.926 ug/ml
7) N-EICOSANE	13.095	3275050	27.376 ug/ml
8) N-DOCOSANE	14.305	3087526	26.792 ug/ml
10) N-TETRACOSANE	15.416	5784420	50.628 ug/ml
11) N-HEXACOSANE	16.415	583888	5.306 ug/ml
12) N-OCTACOSANE	17.410	4248698	39.069 ug/ml
13) N-TRIACONTANE	18.309	4197822	39.283 ug/ml
14) N-DOTRIACONTANE	19.150	3404926	33.672 ug/ml
15) N-TETRATRIACONTANE	19.941	2280585	25.065 ug/ml
16) N-HEXATRIACONTANE	20.689	1366868	18.150 ug/ml
17) N-OCTATRIACONTANE	21.446	414593	6.370 ug/ml
18) N-TETRACONTANE	22.430	223390	3.876 ug/ml

(f)=RT Delta > 1/2 Window

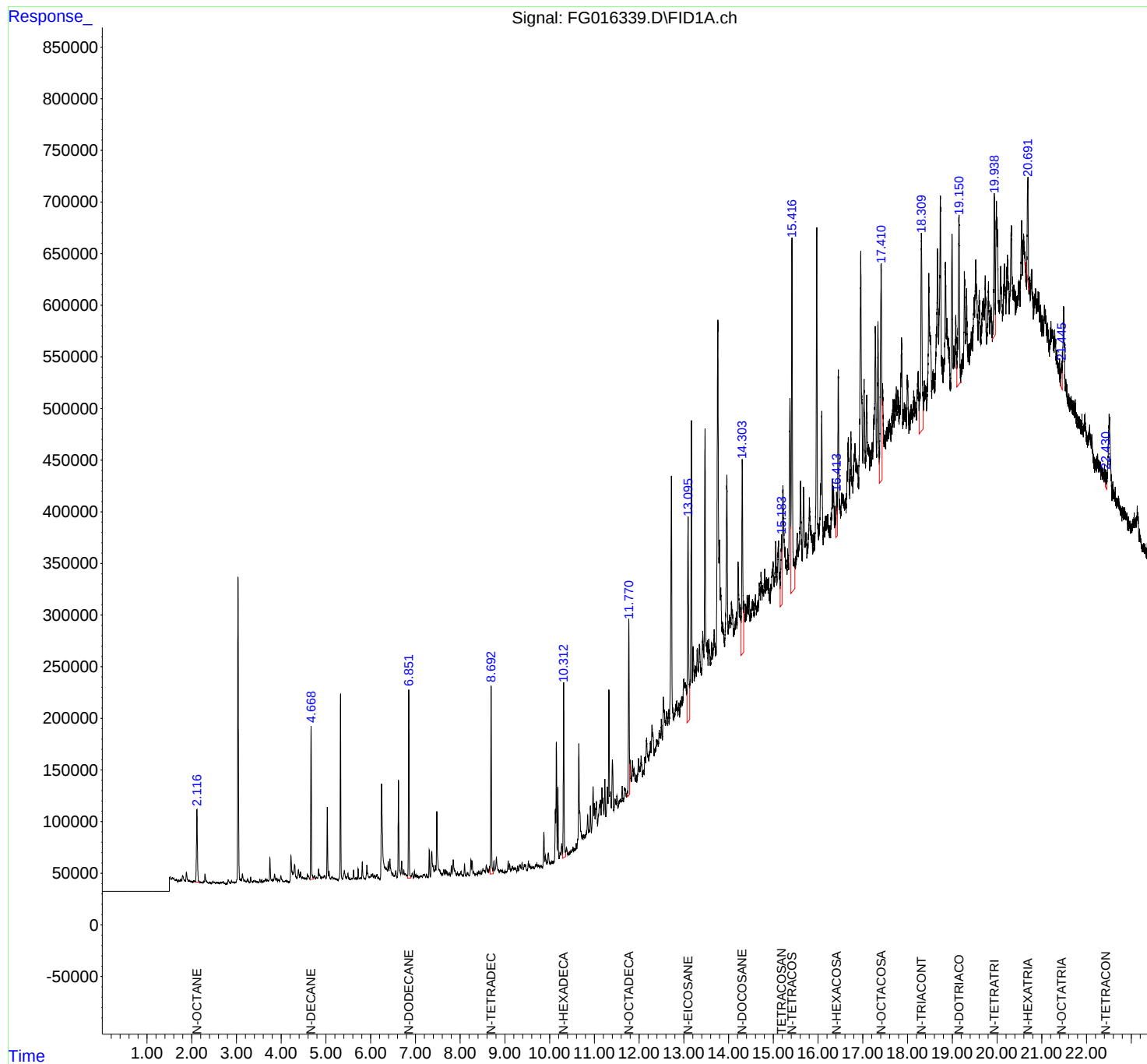
(m)=manual int.

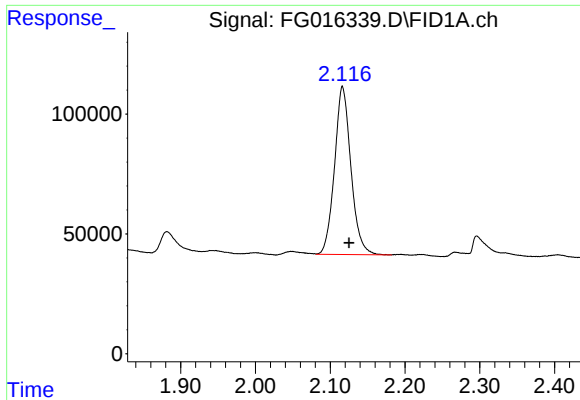
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Response via : Initial Calibration
Integrator: ChemStation

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

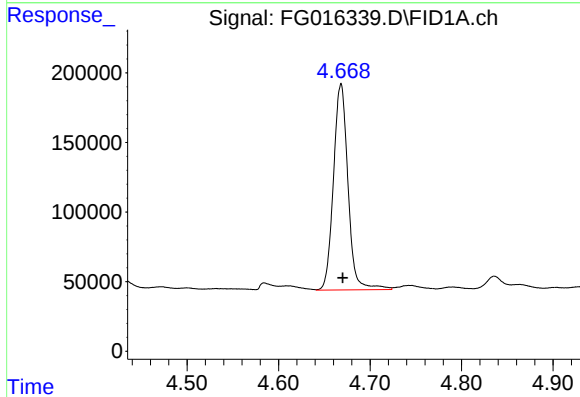




#1 N-OCTANE

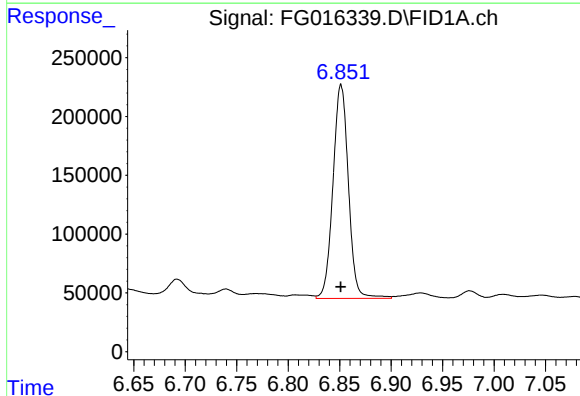
R.T.: 2.116 min
Delta R.T.: -0.009 min
Response: 1068257
Conc: 9.46 ug/ml

Instrument :
FID_G
ClientSampleId :



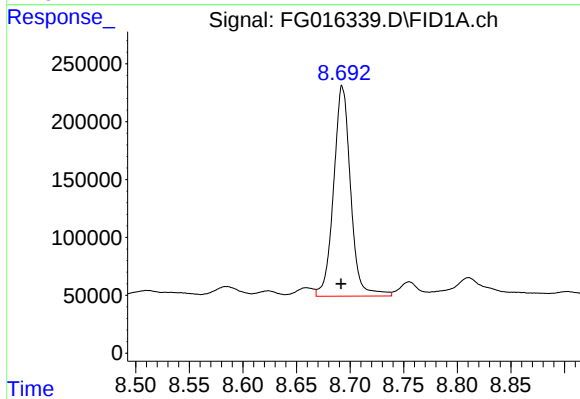
#2 N-DECANE

R.T.: 4.668 min
Delta R.T.: -0.002 min
Response: 1635891
Conc: 14.20 ug/ml



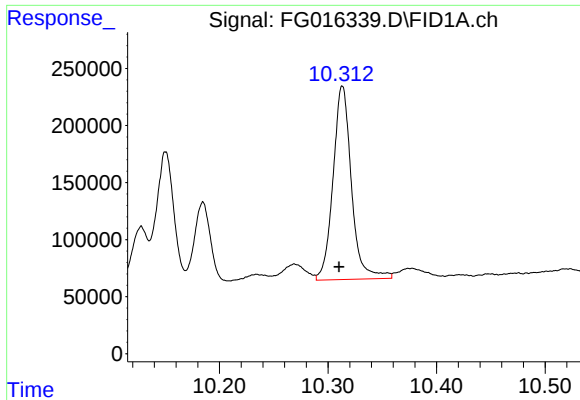
#3 N-DODECANE

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 1901051
Conc: 16.40 ug/ml



#4 N-TETRADECANE

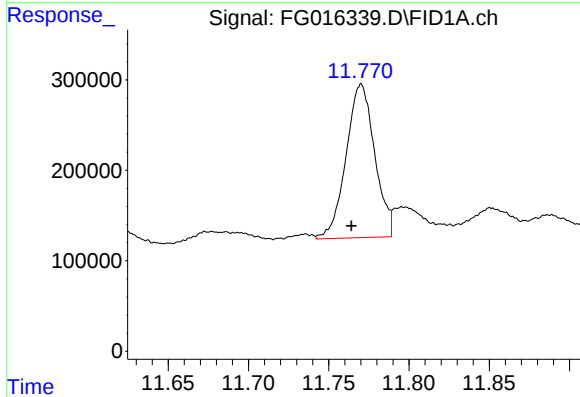
R.T.: 8.693 min
Delta R.T.: 0.001 min
Response: 2006184
Conc: 17.00 ug/ml



#5 N-HEXADECANE

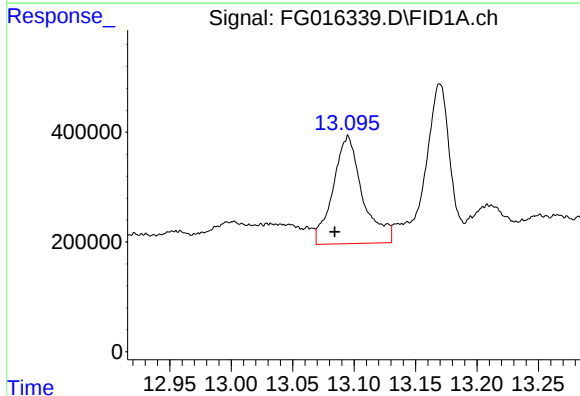
R.T.: 10.313 min
Delta R.T.: 0.003 min
Response: 2001209
Conc: 17.30 ug/ml

Instrument :
FID_G
ClientSampleId :



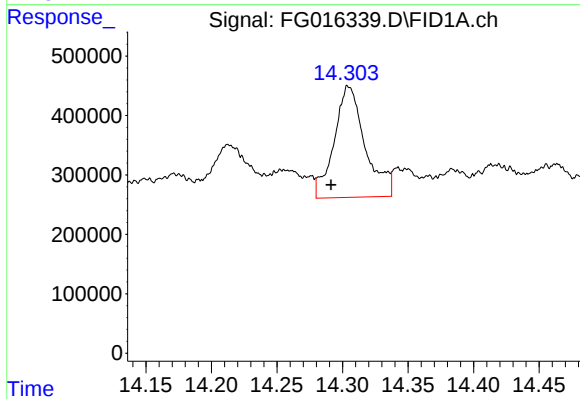
#6 N-OCTADECANE

R.T.: 11.770 min
Delta R.T.: 0.006 min
Response: 2104139
Conc: 17.93 ug/ml



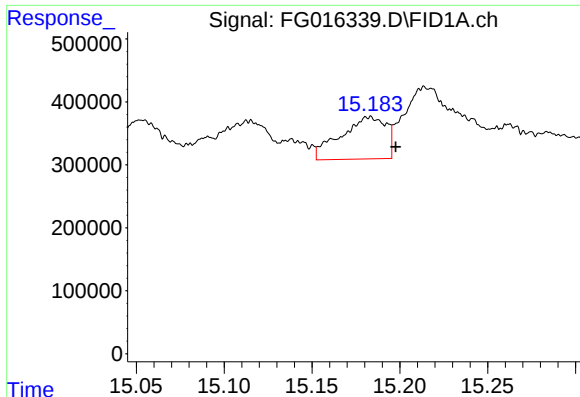
#7 N-EICOSANE

R.T.: 13.095 min
Delta R.T.: 0.011 min
Response: 3275050
Conc: 27.38 ug/ml



#8 N-DOCOSANE

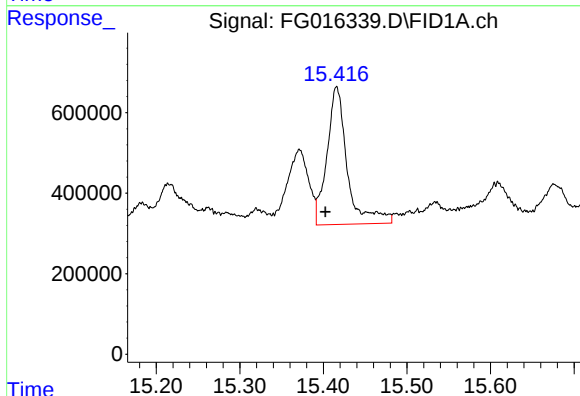
R.T.: 14.305 min
Delta R.T.: 0.013 min
Response: 3087526
Conc: 26.79 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

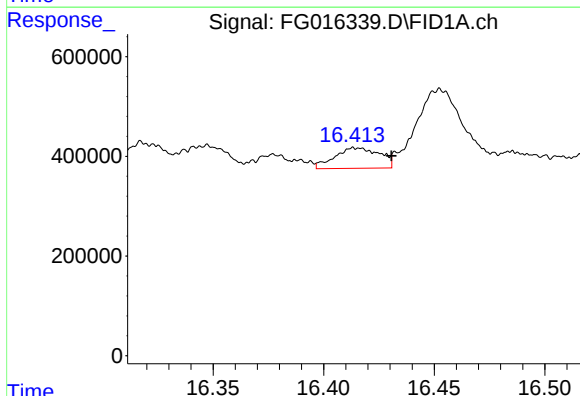
R.T.: 15.182 min
Delta R.T.: -0.015 min
Response: 1196823
Conc: 11.97 ug/ml

Instrument :
FID_G
ClientSampleId :



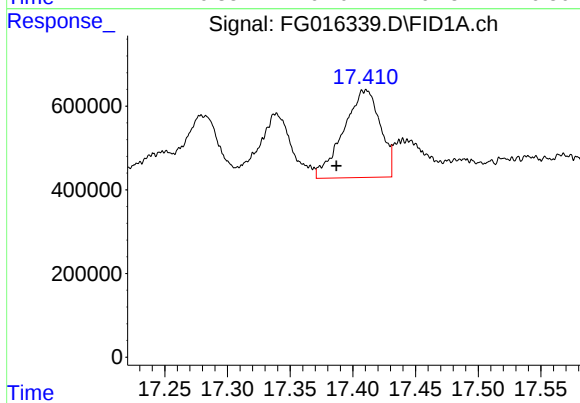
#10 N-TETRACOSANE

R.T.: 15.416 min
Delta R.T.: 0.013 min
Response: 5784420
Conc: 50.63 ug/ml



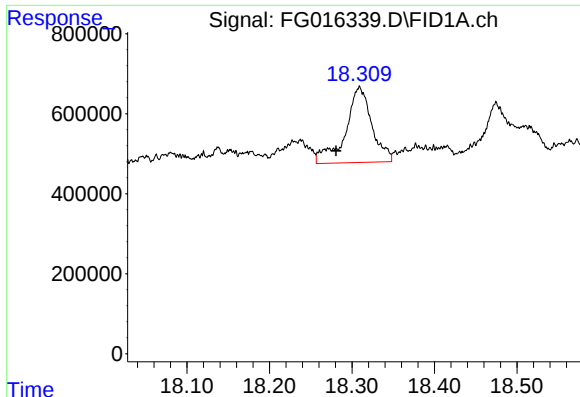
#11 N-HEXACOSANE

R.T.: 16.415 min
Delta R.T.: -0.016 min
Response: 583888
Conc: 5.31 ug/ml



#12 N-OCTACOSANE

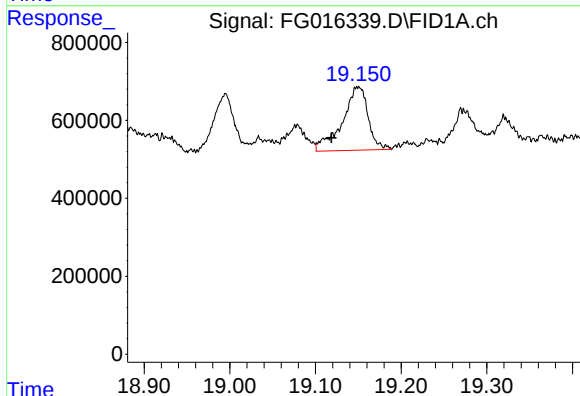
R.T.: 17.410 min
Delta R.T.: 0.024 min
Response: 4248698
Conc: 39.07 ug/ml



#13 N-TRIACONTANE

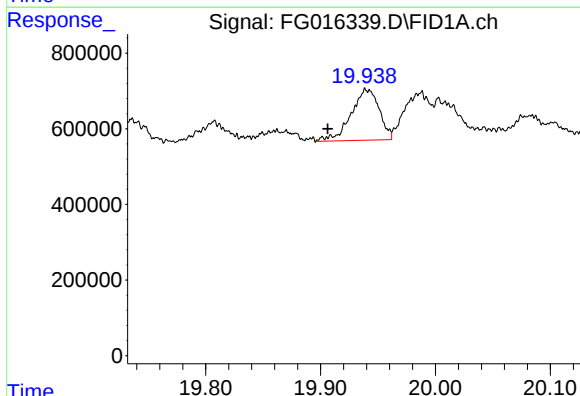
R.T.: 18.309 min
Delta R.T.: 0.028 min
Response: 4197822
Conc: 39.28 ug/ml

Instrument :
FID_G
ClientSampleId :



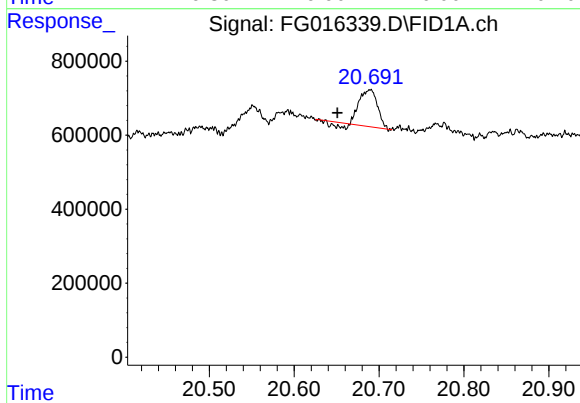
#14 N-DOTRIACONTANE

R.T.: 19.150 min
Delta R.T.: 0.032 min
Response: 3404926
Conc: 33.67 ug/ml



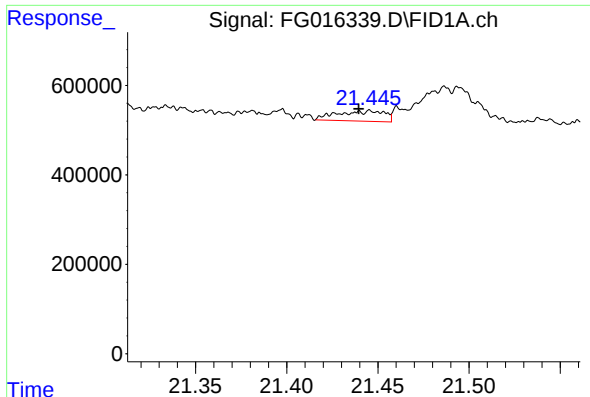
#15 N-TETRATRIACONTANE

R.T.: 19.941 min
Delta R.T.: 0.034 min
Response: 2280585
Conc: 25.06 ug/ml



#16 N-HEXATRIACONTANE

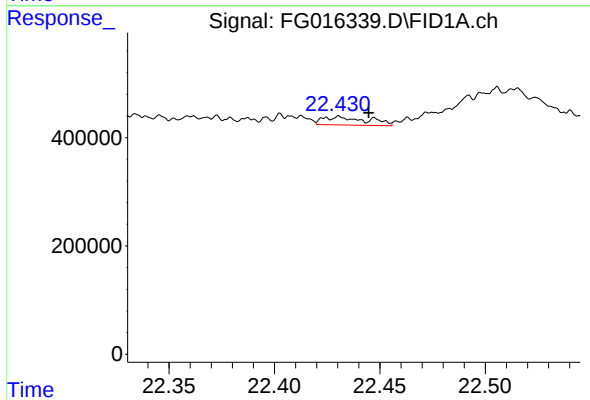
R.T.: 20.689 min
Delta R.T.: 0.038 min
Response: 1366868
Conc: 18.15 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.446 min
Delta R.T.: 0.007 min
Response: 414593
Conc: 6.37 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.430 min
Delta R.T.: -0.014 min
Response: 223390
Conc: 3.88 ug/ml