

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020224\
 Data File : FG013427.D
 Signal(s) : FID1A.ch
 Acq On : 02 Feb 2024 13:14
 Operator : YP\AJ
 Sample : P1187-06
 Misc : TPH GC MDL 1 PPM
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 05 05:03:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG020124.M
 Quant Title :
 QLast Update : Thu Feb 01 14:07:32 2024
 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...	15.067	2667545	23.827 ug/ml
Target Compounds			
1) N-OCTANE	2.060	144275	1.218 ug/ml
2) N-DECANE	4.582	164067	1.379 ug/ml
3) N-DODECANE	6.752	171145	1.388 ug/ml
4) N-TETRADECANE	8.585	168204	1.392 ug/ml
5) N-HEXADECANE	10.197	172954	1.398 ug/ml
6) N-OCTADECANE	11.645	180589	1.407 ug/ml
7) N-EICOSANE	12.960	178137	1.417 ug/ml
8) N-DOCOSANE	14.163	176824	1.429 ug/ml
10) N-TETRACOSANE	15.271	176733	1.446 ug/ml
11) N-HEXACOSANE	16.295	170410	1.435 ug/ml
12) N-OCTACOSANE	17.249	167350	1.454 ug/ml
13) N-TRIACONTANE	18.140	171757	1.539 ug/ml
14) N-DOTRIACONTANE	18.977	170343	1.631 ug/ml
15) N-TETRATRIACONTANE	19.761	149518	1.795 ug/ml
16) N-HEXATRIACONTANE	20.505	121289	1.926 ug/ml
17) N-OCTATRIACONTANE	21.259	99876	1.821 ug/ml
18) N-TETRACONTANE	22.203	88423	1.688 ug/ml

(f)=RT Delta > 1/2 Window

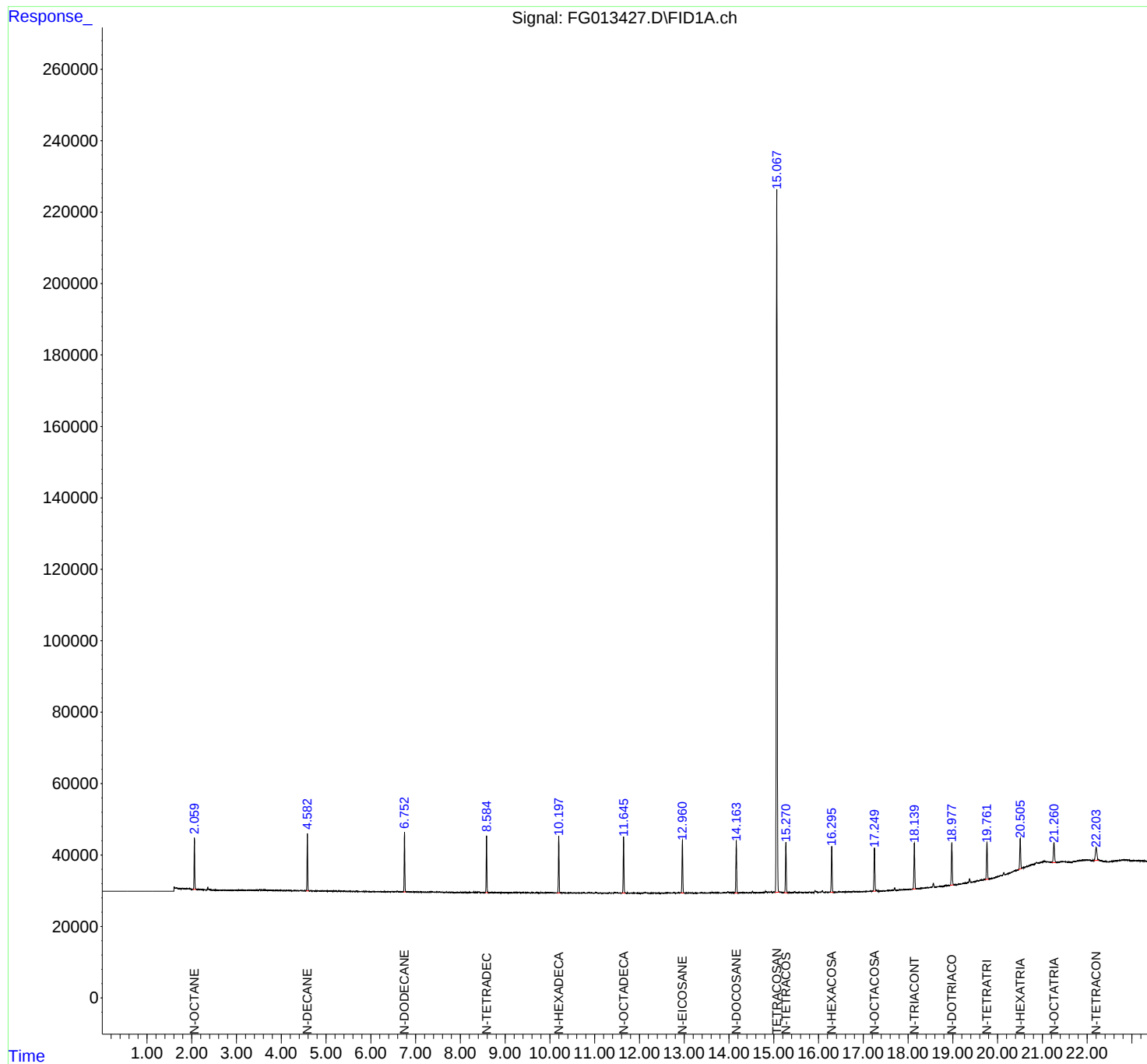
(m)=manual int.

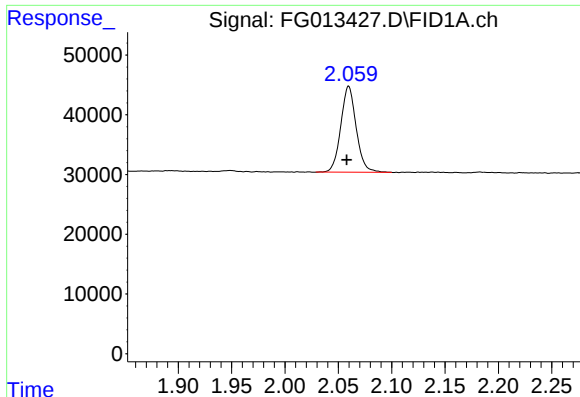
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Response via : Initial Calibration
Integrator: ChemStation

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

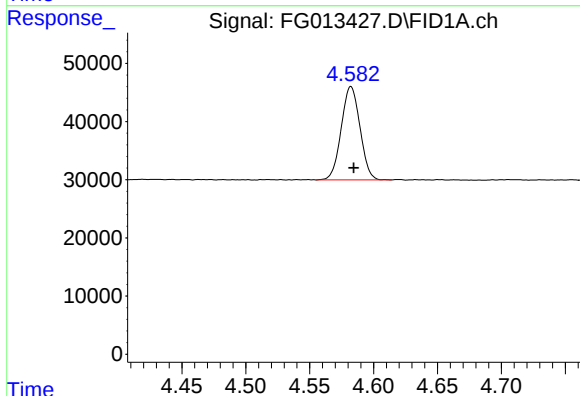




#1 N-OCTANE

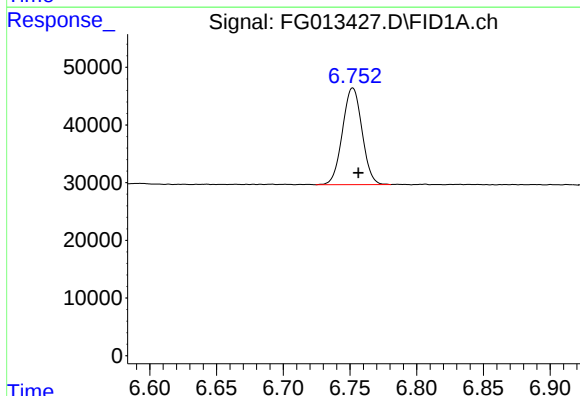
R.T.: 2.060 min
Delta R.T.: 0.002 min
Response: 144275
Conc: 1.22 ug/ml

Instrument :
FID_G
ClientSampleId :



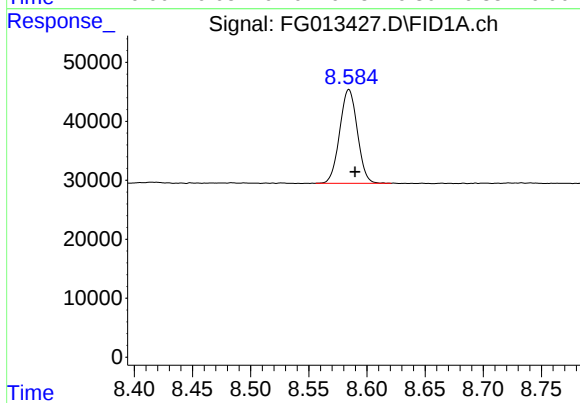
#2 N-DECANE

R.T.: 4.582 min
Delta R.T.: -0.002 min
Response: 164067
Conc: 1.38 ug/ml



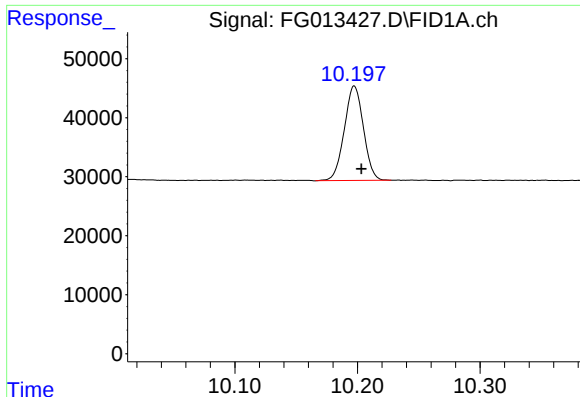
#3 N-DODECANE

R.T.: 6.752 min
Delta R.T.: -0.004 min
Response: 171145
Conc: 1.39 ug/ml



#4 N-TETRADECANE

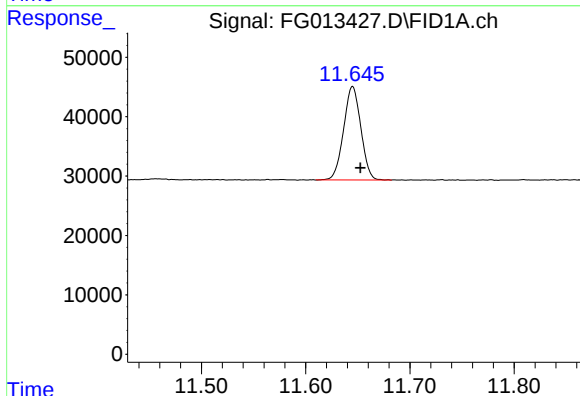
R.T.: 8.585 min
Delta R.T.: -0.005 min
Response: 168204
Conc: 1.39 ug/ml



#5 N-HEXADECANE

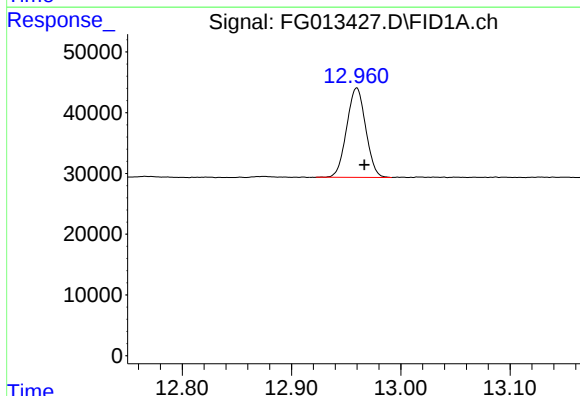
R.T.: 10.197 min
Delta R.T.: -0.006 min
Response: 172954
Conc: 1.40 ug/ml

Instrument :
FID_G
ClientSampleId :



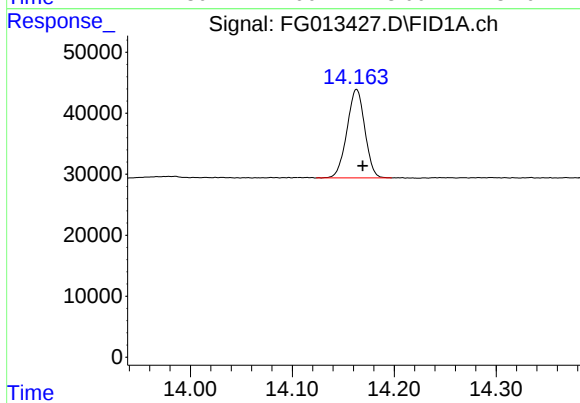
#6 N-OCTADECANE

R.T.: 11.645 min
Delta R.T.: -0.007 min
Response: 180589
Conc: 1.41 ug/ml



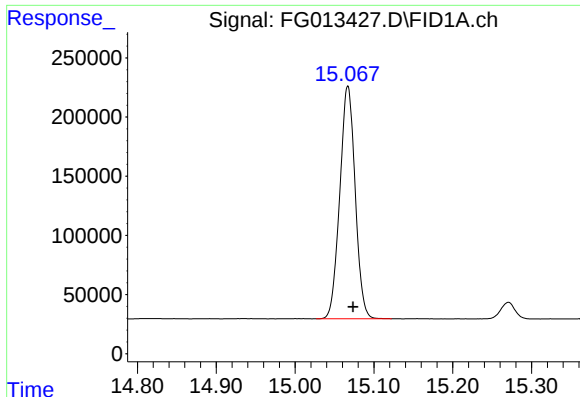
#7 N-EICOSANE

R.T.: 12.960 min
Delta R.T.: -0.007 min
Response: 178137
Conc: 1.42 ug/ml



#8 N-DOCOSANE

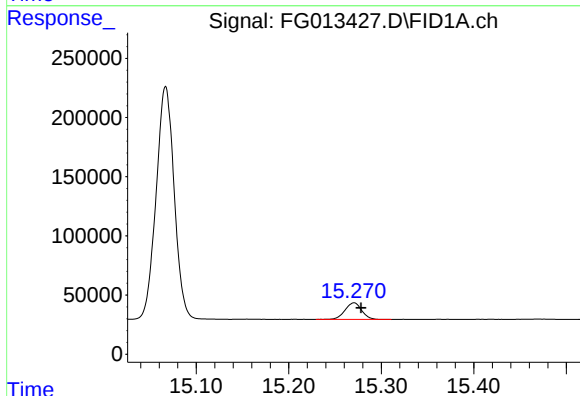
R.T.: 14.163 min
Delta R.T.: -0.006 min
Response: 176824
Conc: 1.43 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

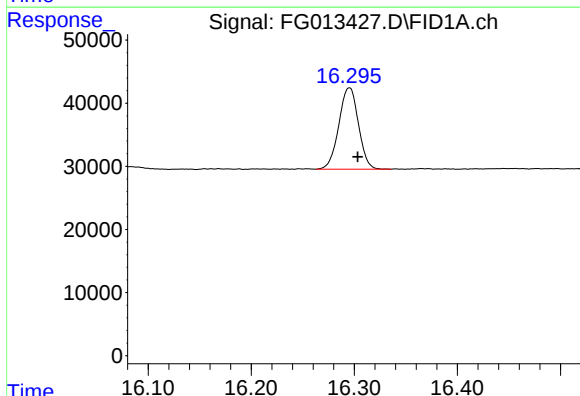
R.T.: 15.067 min
Delta R.T.: -0.007 min
Response: 2667545
Conc: 23.83 ug/ml

Instrument :
FID_G
ClientSampleId :



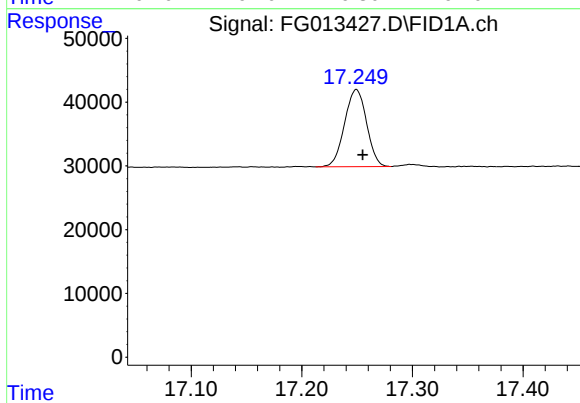
#10 N-TETRACOSANE

R.T.: 15.271 min
Delta R.T.: -0.007 min
Response: 176733
Conc: 1.45 ug/ml



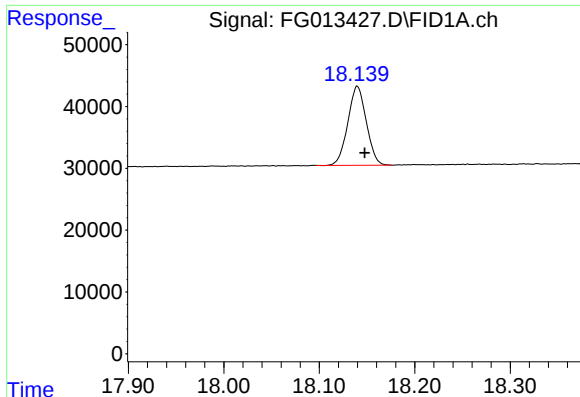
#11 N-HEXACOSANE

R.T.: 16.295 min
Delta R.T.: -0.008 min
Response: 170410
Conc: 1.43 ug/ml



#12 N-OCTACOSANE

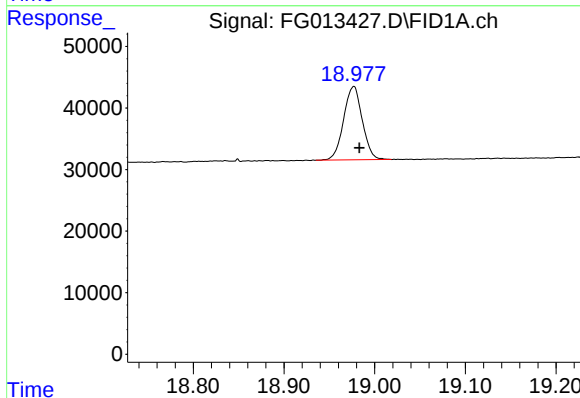
R.T.: 17.249 min
Delta R.T.: -0.006 min
Response: 167350
Conc: 1.45 ug/ml



#13 N-TRIACONTANE

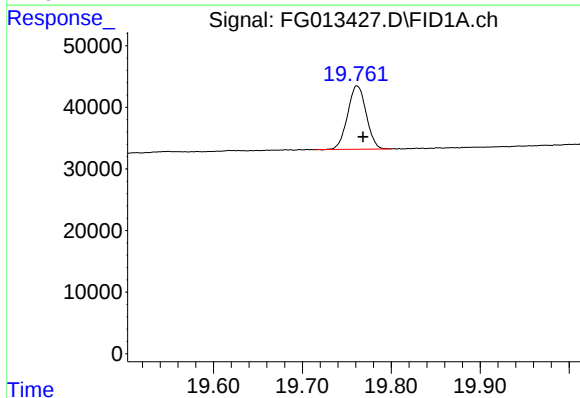
R.T.: 18.140 min
Delta R.T.: -0.008 min
Response: 171757
Conc: 1.54 ug/ml

Instrument :
FID_G
ClientSampleId :



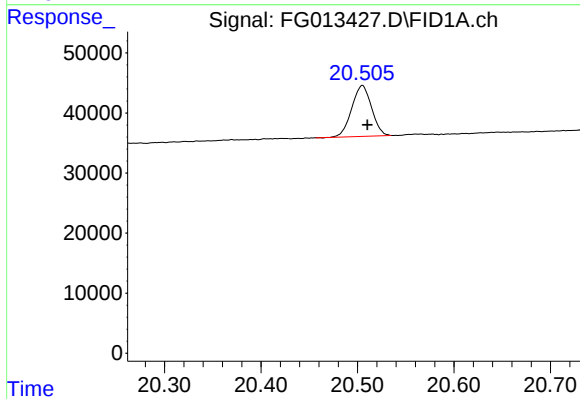
#14 N-DOTRIACONTANE

R.T.: 18.977 min
Delta R.T.: -0.006 min
Response: 170343
Conc: 1.63 ug/ml



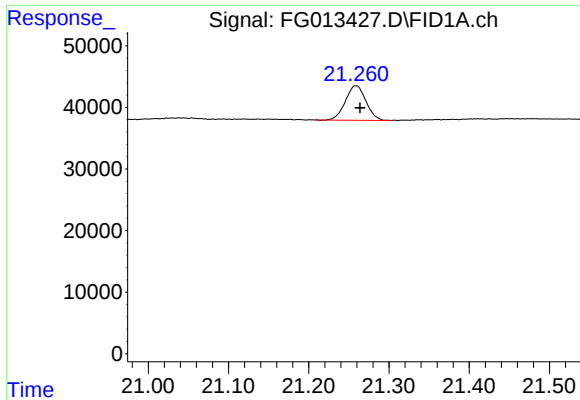
#15 N-TETRATRIACONTANE

R.T.: 19.761 min
Delta R.T.: -0.007 min
Response: 149518
Conc: 1.79 ug/ml



#16 N-HEXATRIACONTANE

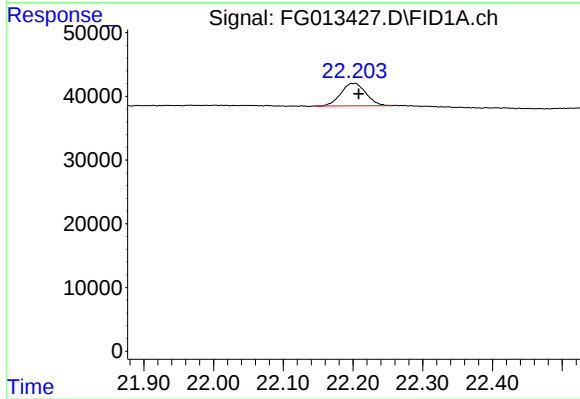
R.T.: 20.505 min
Delta R.T.: -0.005 min
Response: 121289
Conc: 1.93 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.259 min
Delta R.T.: -0.005 min
Response: 99876
Conc: 1.82 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.203 min
Delta R.T.: -0.005 min
Response: 88423
Conc: 1.69 ug/ml