

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090525\
 Data File : FG016558.D
 Signal(s) : FID1A.ch
 Acq On : 05 Sep 2025 11:24
 Operator : YP\AJ
 Sample : 10 TRPH STD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 TRPH STD

Integration File: autoint1.e
 Quant Time: Sep 06 04:03:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
 Quant Title :
 QLast Update : Sat Sep 06 04:01:58 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...	15.185	1138925	10.916 ug/ml
Target Compounds			
1) N-OCTANE	2.105	1227497	10.857 ug/ml
2) N-DECANE	4.652	1265194	10.768 ug/ml
3) N-DODECANE	6.835	1278776	10.656 ug/ml
4) N-TETRADECANE	8.678	1294626	10.740 ug/ml
5) N-HEXADECANE	10.296	1301872	10.752 ug/ml
6) N-OCTADECANE	11.751	1337625	10.832 ug/ml
7) N-EICOSANE	13.071	1348967	10.923 ug/ml
8) N-DOCOSANE	14.278	1305358	10.949 ug/ml
10) N-TETRACOSANE	15.391	1292479	10.997 ug/ml
11) N-HEXACOSANE	16.419	1260557	10.979 ug/ml
12) N-OCTACOSANE	17.375	1234607	11.079 ug/ml
13) N-TRIACONTANE	18.269	1215766	11.097 ug/ml
14) N-DOTRIACONTANE	19.108	1148787	11.277 ug/ml
15) N-TETRATRIACONTANE	19.898	982687	11.472 ug/ml
16) N-HEXATRIACONTANE	20.642	829540	11.886 ug/ml
17) N-OCTATRIACONTANE	21.429	711251	11.665 ug/ml
18) N-TETRACONTANE	22.431	699748	11.893 ug/ml

(f)=RT Delta > 1/2 Window

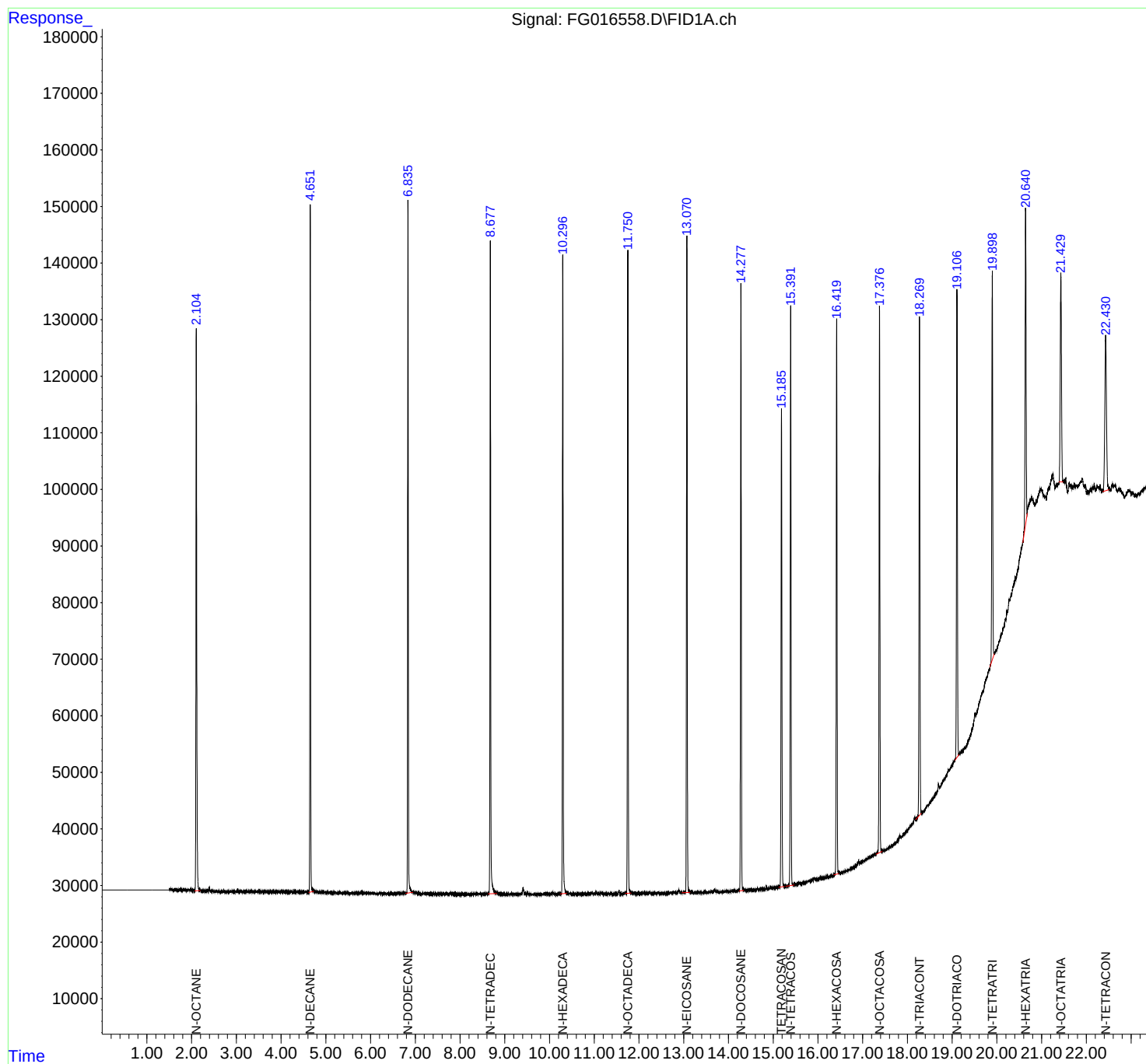
(m)=manual int.

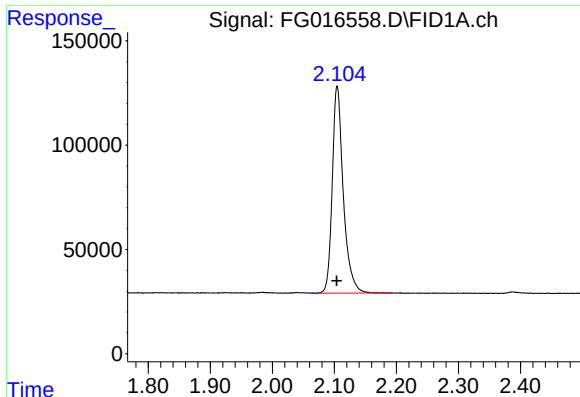
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

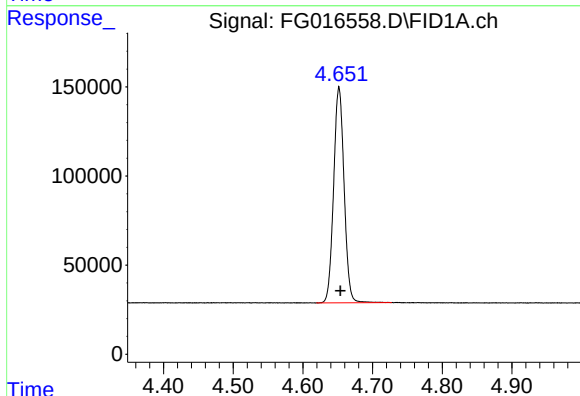




#1 N-OCTANE

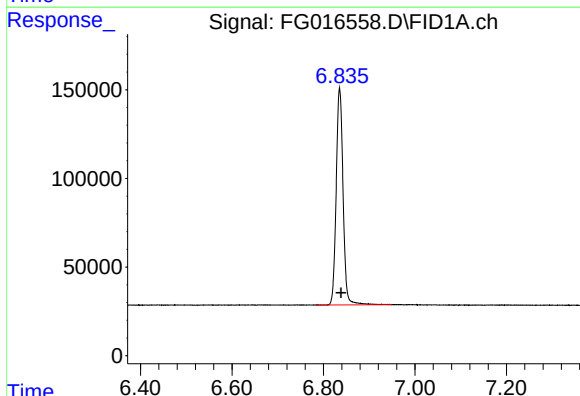
R.T.: 2.105 min
Delta R.T.: 0.000 min
Response: 1227497
Conc: 10.86 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



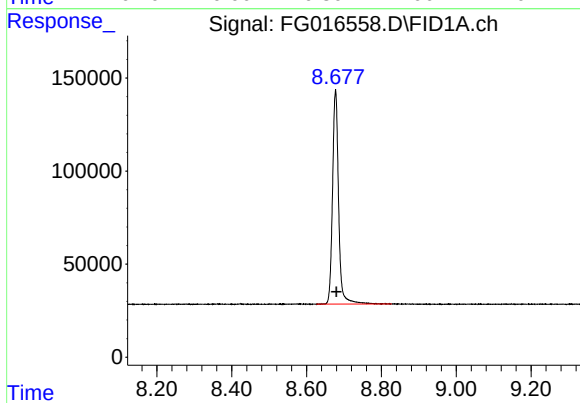
#2 N-DECANE

R.T.: 4.652 min
Delta R.T.: -0.002 min
Response: 1265194
Conc: 10.77 ug/ml



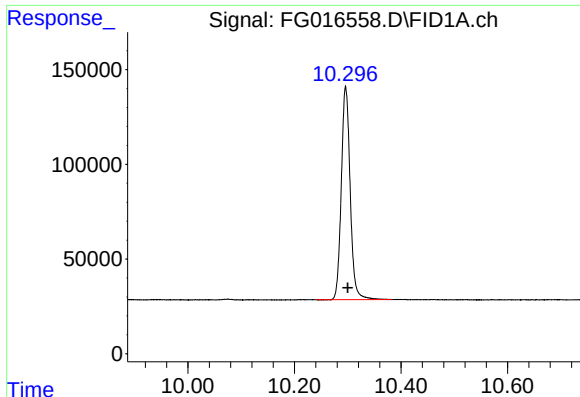
#3 N-DODECANE

R.T.: 6.835 min
Delta R.T.: -0.003 min
Response: 1278776
Conc: 10.66 ug/ml



#4 N-TETRADECANE

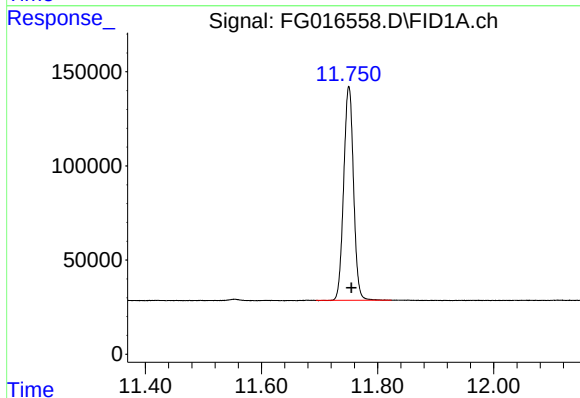
R.T.: 8.678 min
Delta R.T.: -0.002 min
Response: 1294626
Conc: 10.74 ug/ml



#5 N-HEXADECANE

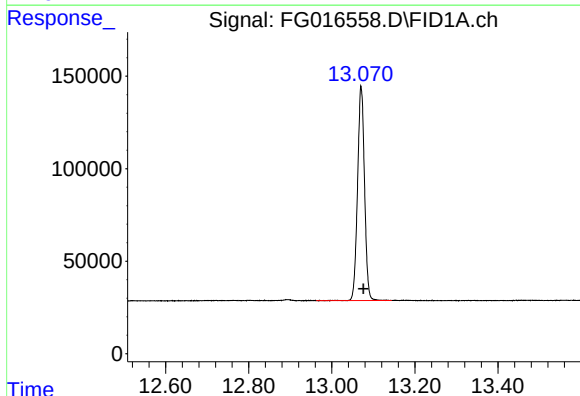
R.T.: 10.296 min
Delta R.T.: -0.004 min
Response: 1301872
Conc: 10.75 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



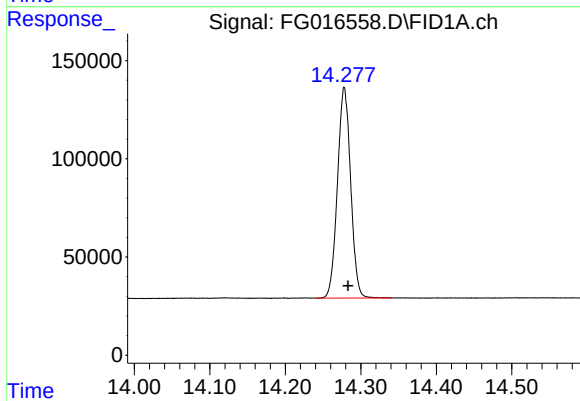
#6 N-OCTADECANE

R.T.: 11.751 min
Delta R.T.: -0.004 min
Response: 1337625
Conc: 10.83 ug/ml



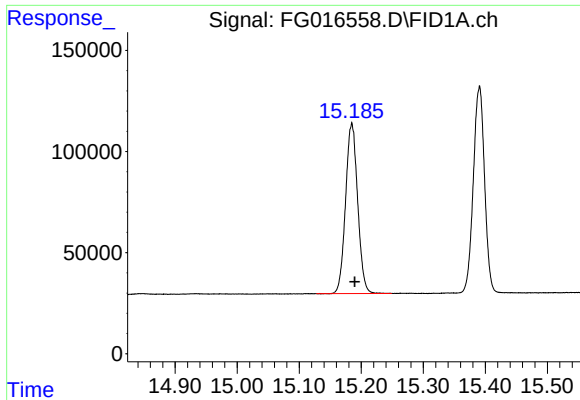
#7 N-EICOSANE

R.T.: 13.071 min
Delta R.T.: -0.005 min
Response: 1348967
Conc: 10.92 ug/ml



#8 N-DOCOSANE

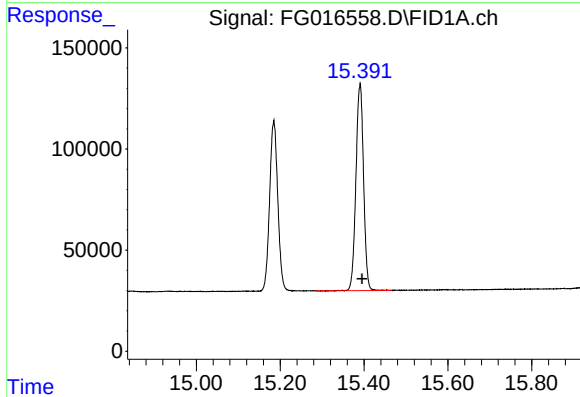
R.T.: 14.278 min
Delta R.T.: -0.005 min
Response: 1305358
Conc: 10.95 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

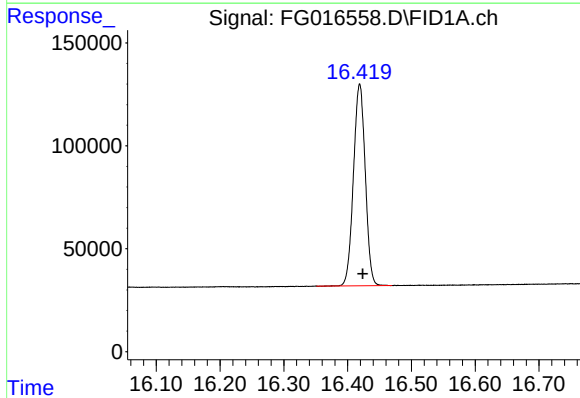
R.T.: 15.185 min
Delta R.T.: -0.005 min
Response: 1138925
Conc: 10.92 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



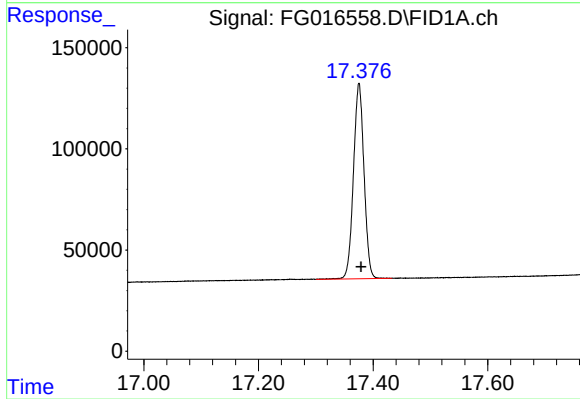
#10 N-TETRACOSANE

R.T.: 15.391 min
Delta R.T.: -0.005 min
Response: 1292479
Conc: 11.00 ug/ml



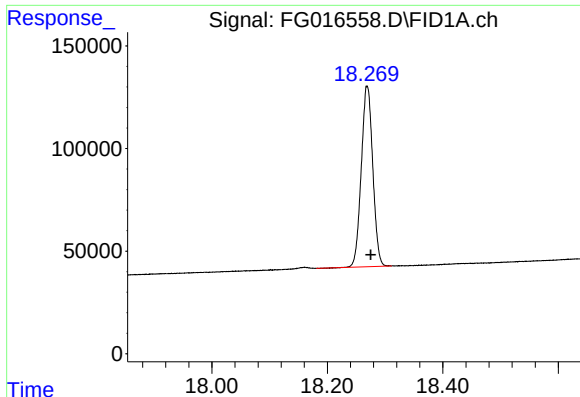
#11 N-HEXACOSANE

R.T.: 16.419 min
Delta R.T.: -0.005 min
Response: 1260557
Conc: 10.98 ug/ml



#12 N-OCTACOSANE

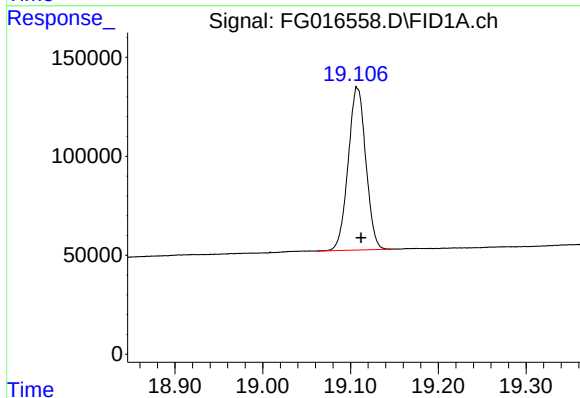
R.T.: 17.375 min
Delta R.T.: -0.004 min
Response: 1234607
Conc: 11.08 ug/ml



#13 N-TRIACONTANE

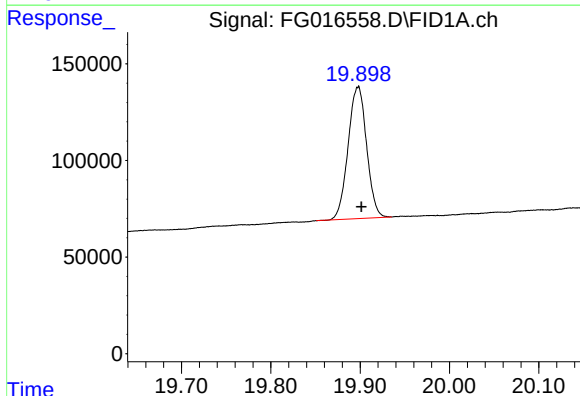
R.T.: 18.269 min
Delta R.T.: -0.006 min
Response: 1215766
Conc: 11.10 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



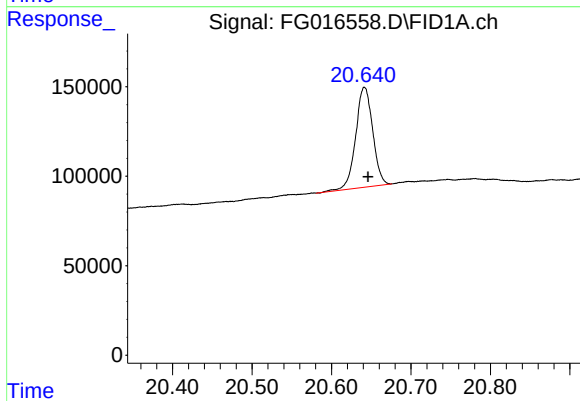
#14 N-DOTRIACONTANE

R.T.: 19.108 min
Delta R.T.: -0.004 min
Response: 1148787
Conc: 11.28 ug/ml



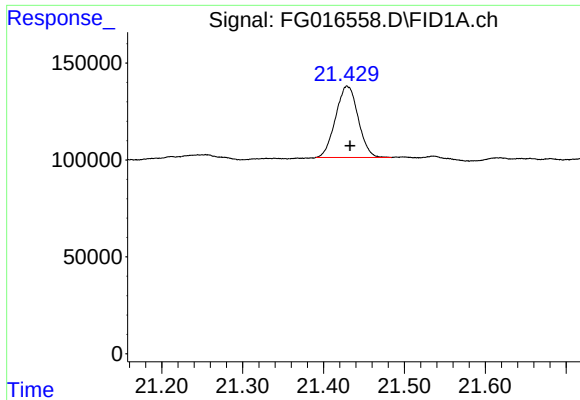
#15 N-TETRATRIACONTANE

R.T.: 19.898 min
Delta R.T.: -0.004 min
Response: 982687
Conc: 11.47 ug/ml



#16 N-HEXATRIACONTANE

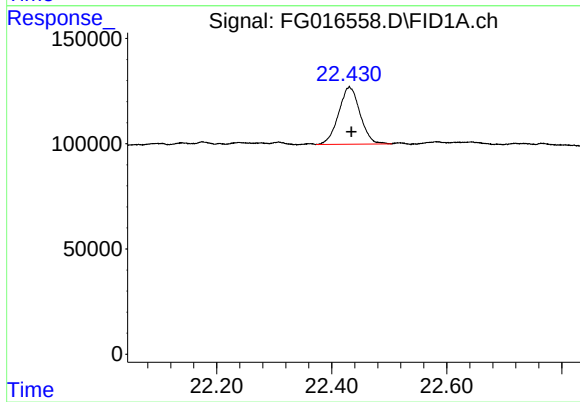
R.T.: 20.642 min
Delta R.T.: -0.005 min
Response: 829540
Conc: 11.89 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.429 min
Delta R.T.: -0.004 min
Response: 711251
Conc: 11.66 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.431 min
Delta R.T.: -0.003 min
Response: 699748
Conc: 11.89 ug/ml