

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102425\
 Data File : FG016835.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 19:26
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: Sample.e
 Quant Time: Oct 24 23:33:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100225.M
 Quant Title :
 QLast Update : Fri Oct 03 07:26:13 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...	15.152	6409154	52.231 ug/ml
Target Compounds			
1) N-OCTANE	2.088	7005546	54.336 ug/ml
2) N-DECANE	4.627	7298818	56.116 ug/ml
3) N-DODECANE	6.811	7409705	56.348 ug/ml
4) N-TETRADECANE	8.650	7322896	55.475 ug/ml
5) N-HEXADECANE	10.268	7342045	55.008 ug/ml
6) N-OCTADECANE	11.721	7503801	53.594 ug/ml
7) N-EICOSANE	13.042	7546665	53.179 ug/ml
8) N-DOCOSANE	14.247	7317041	52.797 ug/ml
10) N-TETRACOSANE	15.359	7219389	52.196 ug/ml
11) N-HEXACOSANE	16.387	7082058	51.789 ug/ml
12) N-OCTACOSANE	17.343	6973942	51.522 ug/ml
13) N-TRIACONTANE	18.237	6946881	51.518 ug/ml
14) N-DOTRIACONTANE	19.074	6529672	51.631 ug/ml
15) N-TETRATRIACONTANE	19.861	5610617	52.912 ug/ml
16) N-HEXATRIACONTANE	20.605	4742692	56.816 ug/ml
17) N-OCTATRIACONTANE	21.381	3827571	55.203 ug/ml
18) N-TETRACONTANE	22.366	3403270	56.997 ug/ml

(f)=RT Delta > 1/2 Window

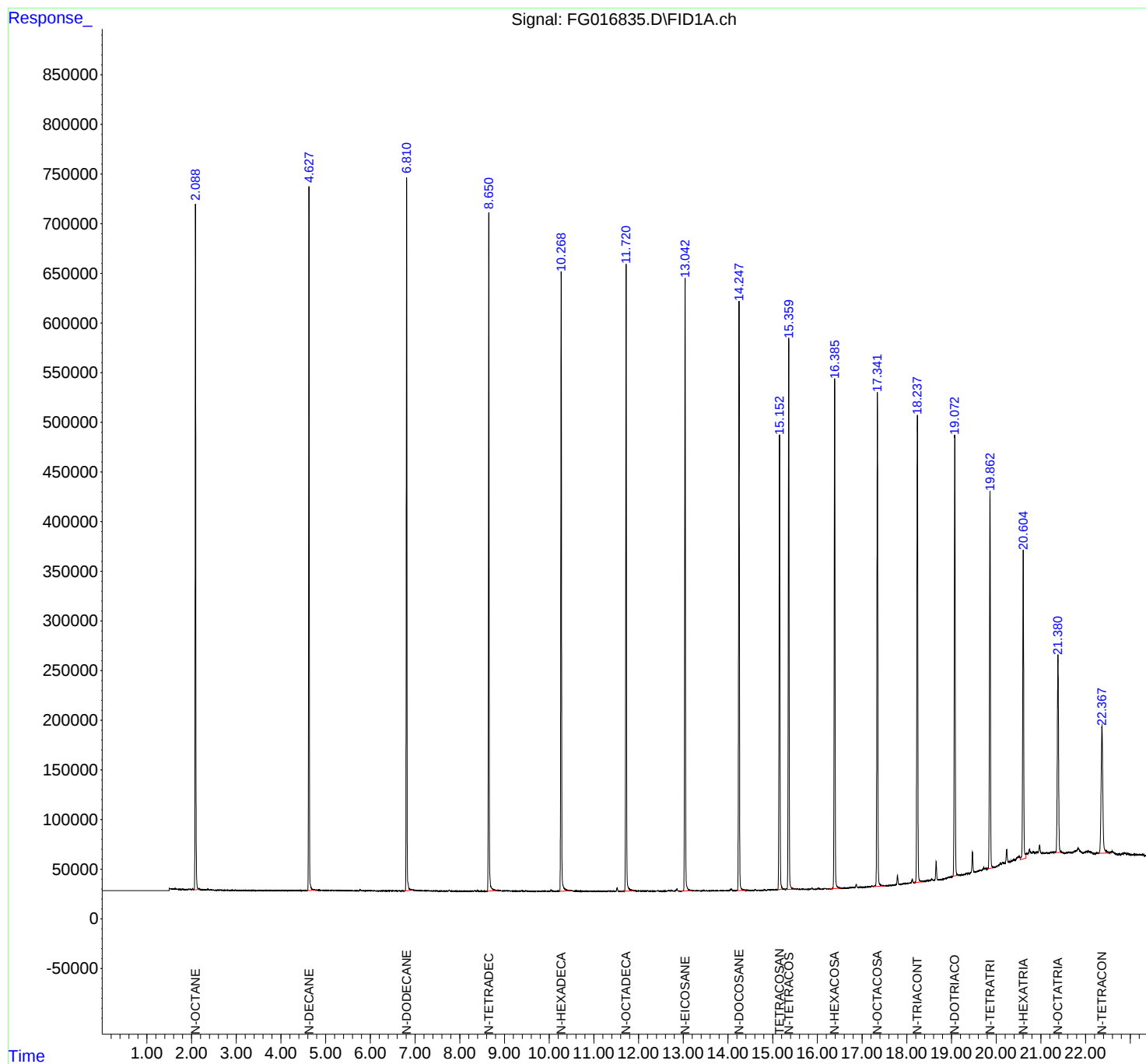
(m)=manual int.

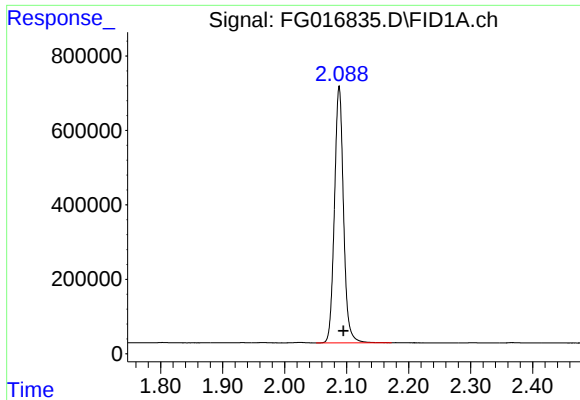
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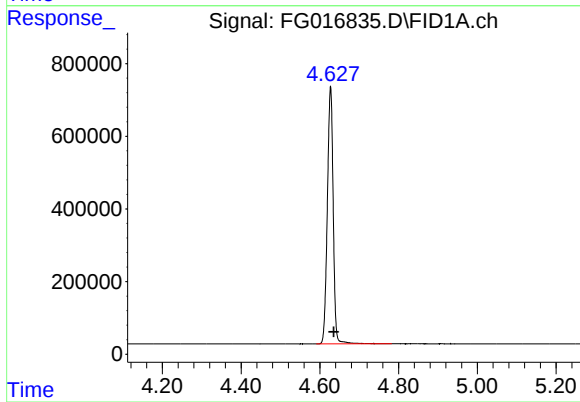




#1 N-OCTANE

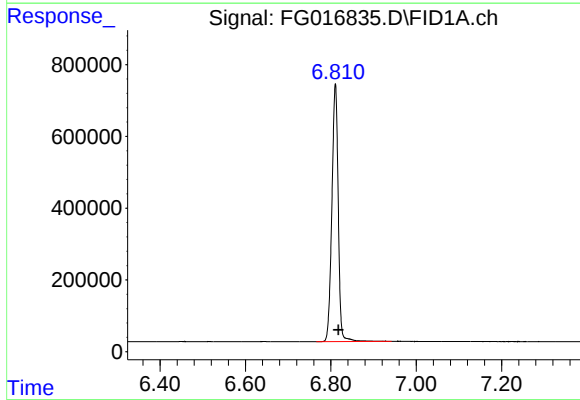
R.T.: 2.088 min
Delta R.T.: -0.007 min
Response: 7005546
Conc: 54.34 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



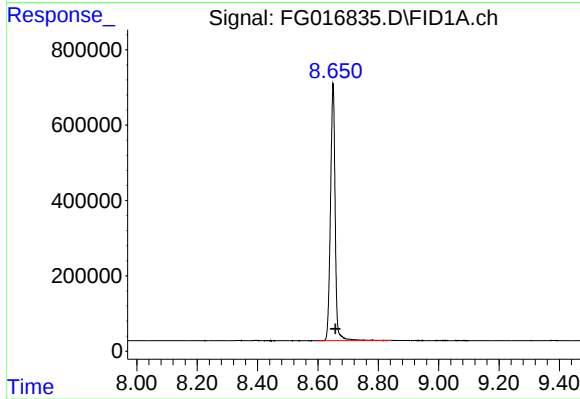
#2 N-DECANE

R.T.: 4.627 min
Delta R.T.: -0.008 min
Response: 7298818
Conc: 56.12 ug/ml



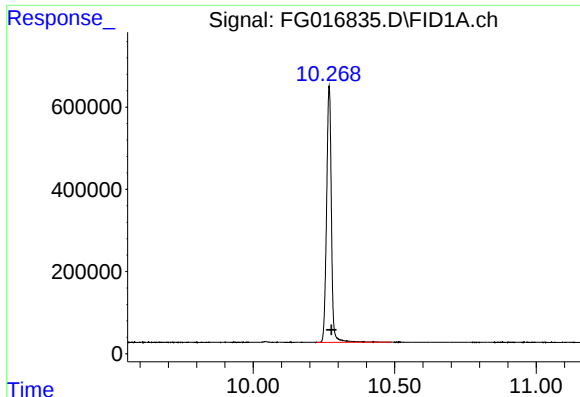
#3 N-DODECANE

R.T.: 6.811 min
Delta R.T.: -0.007 min
Response: 7409705
Conc: 56.35 ug/ml



#4 N-TETRADECANE

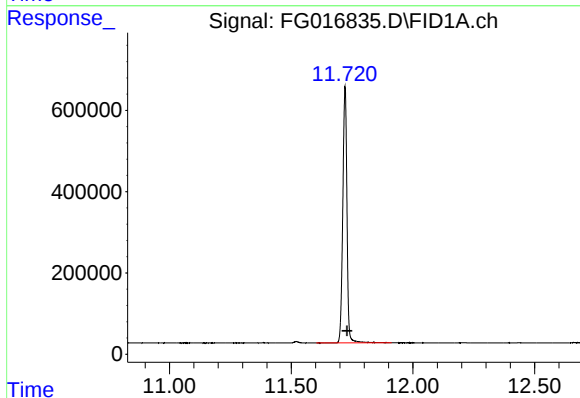
R.T.: 8.650 min
Delta R.T.: -0.008 min
Response: 7322896
Conc: 55.48 ug/ml



#5 N-HEXADECANE

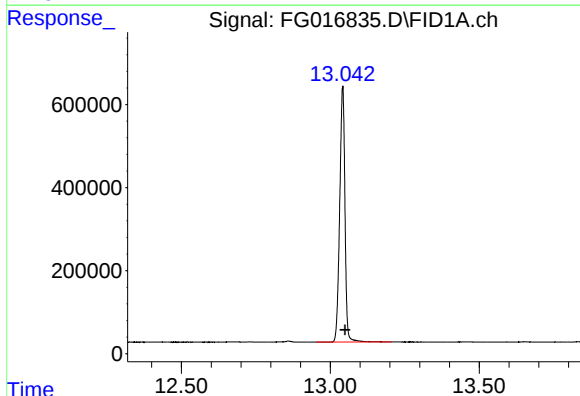
R.T.: 10.268 min
Delta R.T.: -0.008 min
Response: 7342045
Conc: 55.01 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



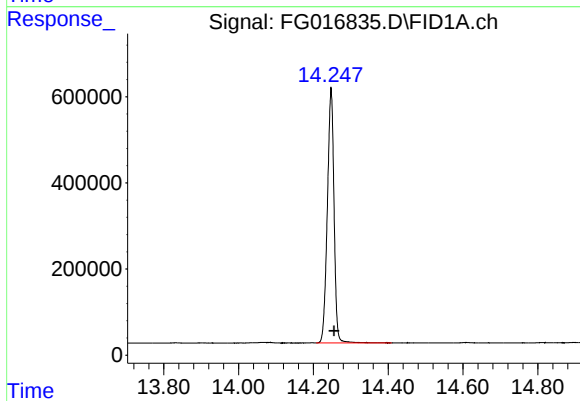
#6 N-OCTADECANE

R.T.: 11.721 min
Delta R.T.: -0.008 min
Response: 7503801
Conc: 53.59 ug/ml



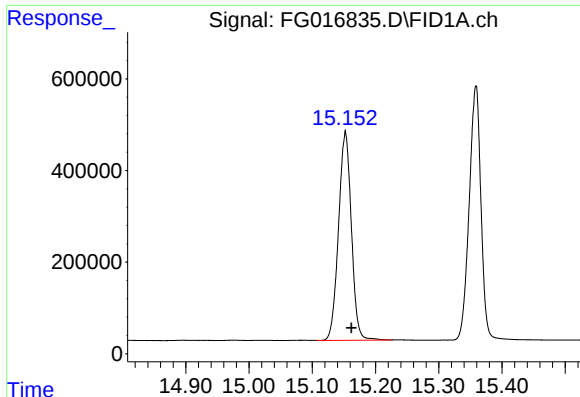
#7 N-EICOSANE

R.T.: 13.042 min
Delta R.T.: -0.008 min
Response: 7546665
Conc: 53.18 ug/ml



#8 N-DOCOSANE

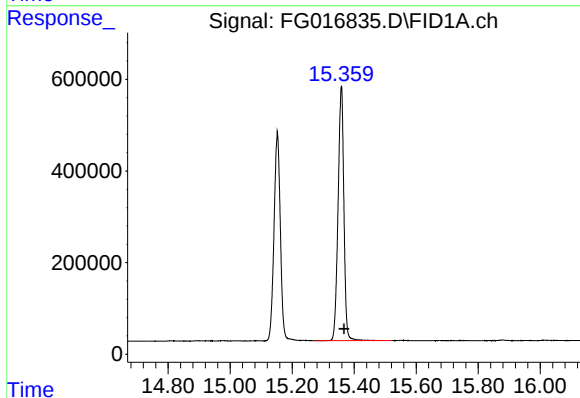
R.T.: 14.247 min
Delta R.T.: -0.008 min
Response: 7317041
Conc: 52.80 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

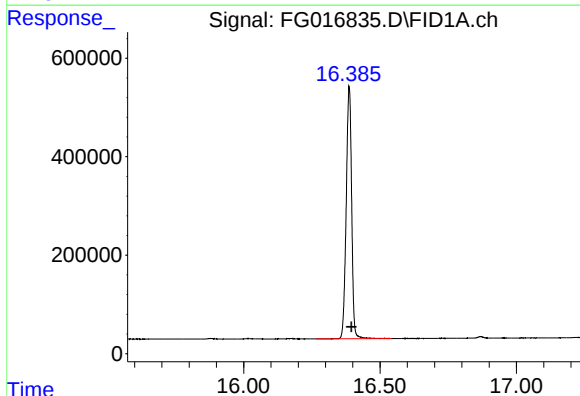
R.T.: 15.152 min
Delta R.T.: -0.009 min
Response: 6409154
Conc: 52.23 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



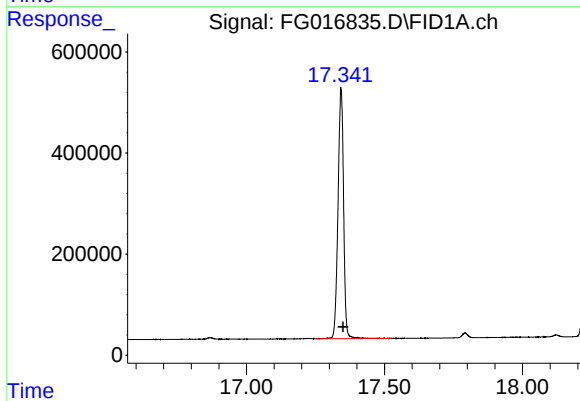
#10 N-TETRACOSANE

R.T.: 15.359 min
Delta R.T.: -0.009 min
Response: 7219389
Conc: 52.20 ug/ml



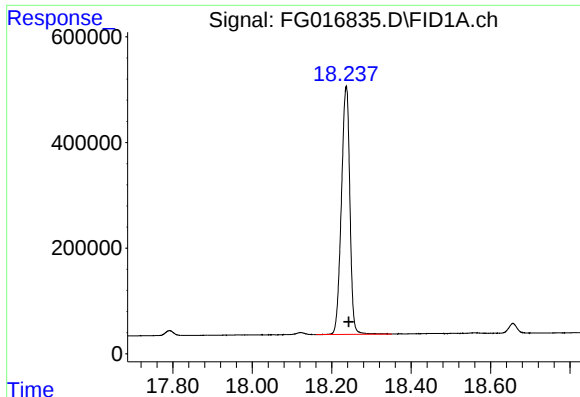
#11 N-HEXACOSANE

R.T.: 16.387 min
Delta R.T.: -0.008 min
Response: 7082058
Conc: 51.79 ug/ml



#12 N-OCTACOSANE

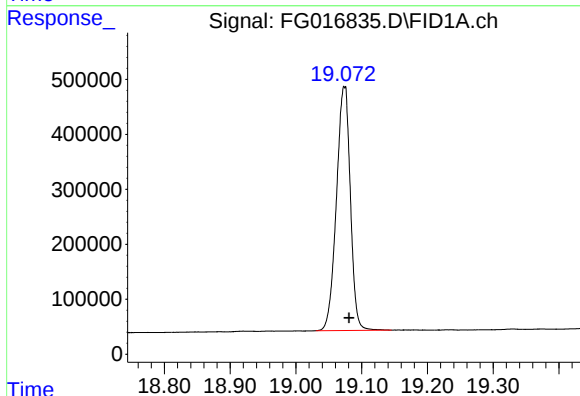
R.T.: 17.343 min
Delta R.T.: -0.008 min
Response: 6973942
Conc: 51.52 ug/ml



#13 N-TRIACONTANE

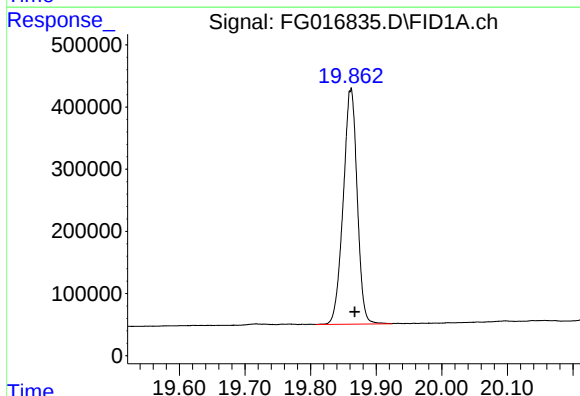
R.T.: 18.237 min
Delta R.T.: -0.006 min
Response: 6946881
Conc: 51.52 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



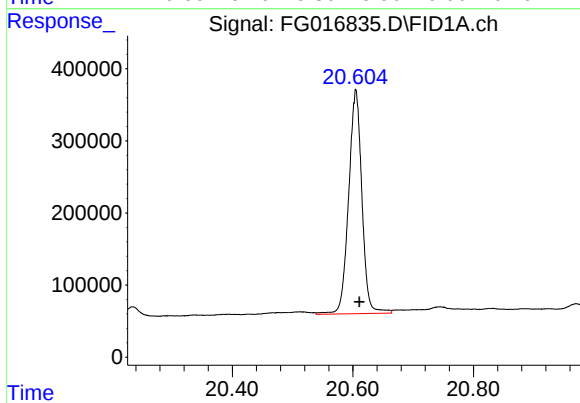
#14 N-DOTRIACONTANE

R.T.: 19.074 min
Delta R.T.: -0.007 min
Response: 6529672
Conc: 51.63 ug/ml



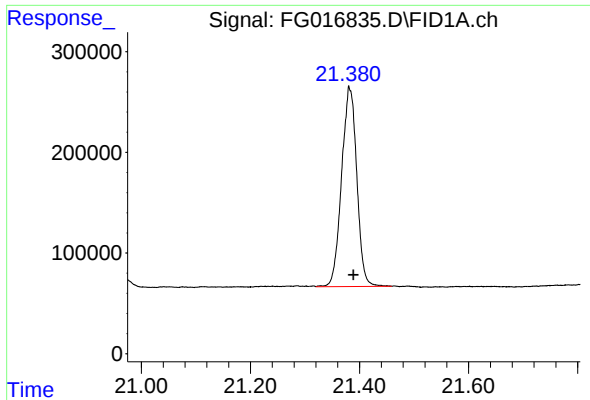
#15 N-TETRATRIACONTANE

R.T.: 19.861 min
Delta R.T.: -0.006 min
Response: 5610617
Conc: 52.91 ug/ml



#16 N-HEXATRIACONTANE

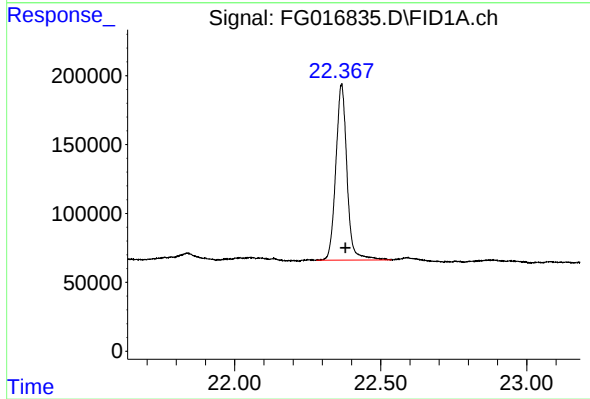
R.T.: 20.605 min
Delta R.T.: -0.006 min
Response: 4742692
Conc: 56.82 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.381 min
Delta R.T.: -0.007 min
Response: 3827571
Conc: 55.20 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.366 min
Delta R.T.: -0.013 min
Response: 3403270
Conc: 57.00 ug/ml