

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
 Data File : FG015781.D
 Signal(s) : FID1A.ch
 Acq On : 29 Apr 2025 23:40
 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: autoint1.e
 Quant Time: Apr 30 01:23:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:54:09 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...	15.009	5308380	45.087 ug/ml
Target Compounds			
1) N-OCTANE	1.975	5103806	45.288 ug/ml
2) N-DECANE	4.505	5626388	50.536 ug/ml
3) N-DODECANE	6.688	5835672	50.921 ug/ml
4) N-TETRADECANE	8.525	5969226	49.262 ug/ml
5) N-HEXADECANE	10.139	6046342	48.162 ug/ml
6) N-OCTADECANE	11.588	6191105	47.241 ug/ml
7) N-EICOSANE	12.903	6257756	46.157 ug/ml
8) N-DOCOSANE	14.106	6066038	45.737 ug/ml
10) N-TETRACOSANE	15.214	6030928	45.384 ug/ml
11) N-HEXACOSANE	16.237	5933836	44.743 ug/ml
12) N-OCTACOSANE	17.190	5859603	44.447 ug/ml
13) N-TRIACONTANE	18.081	6031008	45.237 ug/ml
14) N-DOTRIACONTANE	18.916	6072894	46.067 ug/ml
15) N-TETRATRIACONTANE	19.702	6366173	52.641 ug/ml
16) N-HEXATRIACONTANE	20.443	6650635	62.030 ug/ml
17) N-OCTATRIACONTANE	21.187	7023139	72.908 ug/ml
18) N-TETRACONTANE	22.107	7048606	79.157 ug/ml

(f)=RT Delta > 1/2 Window

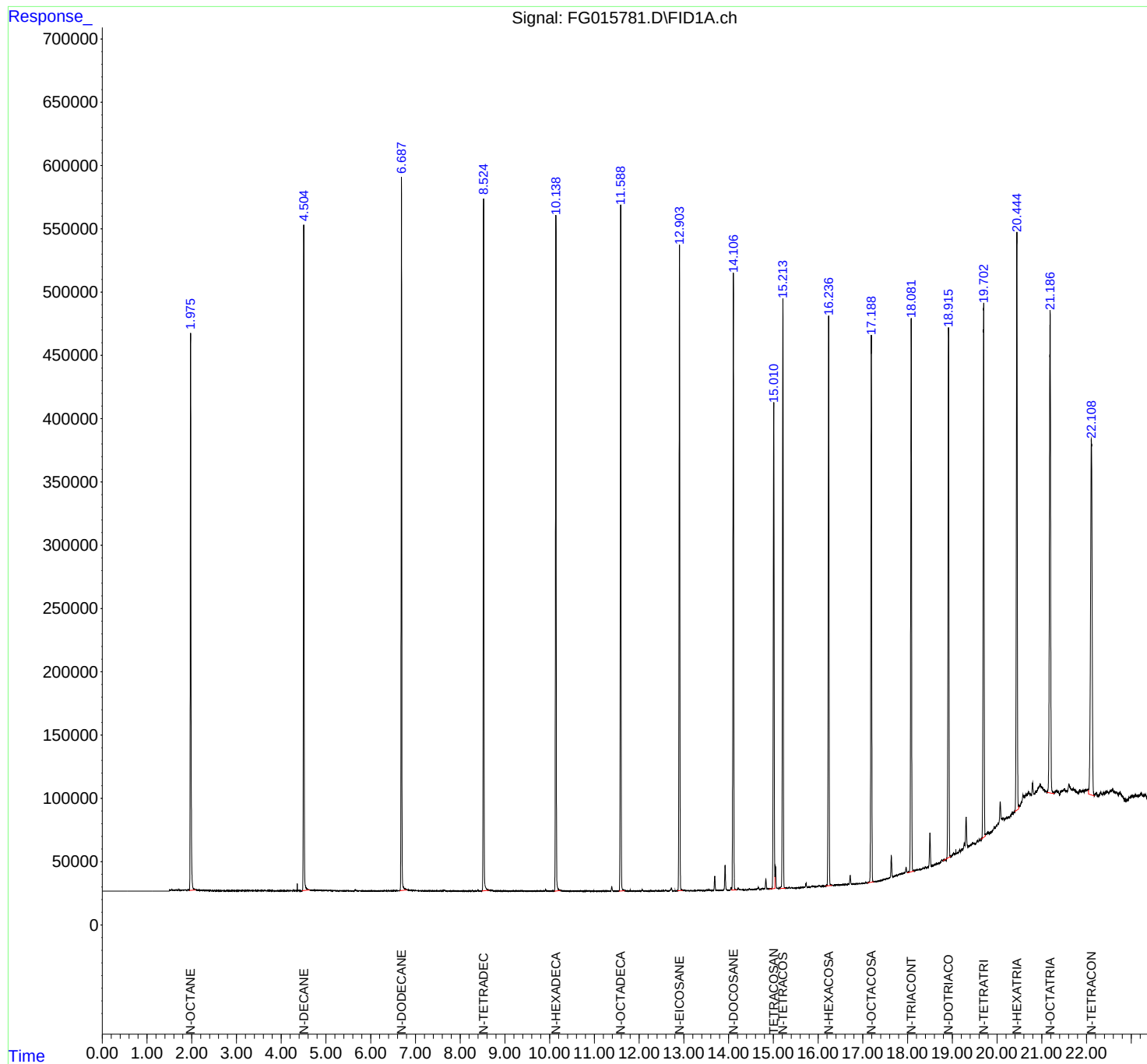
(m)=manual int.

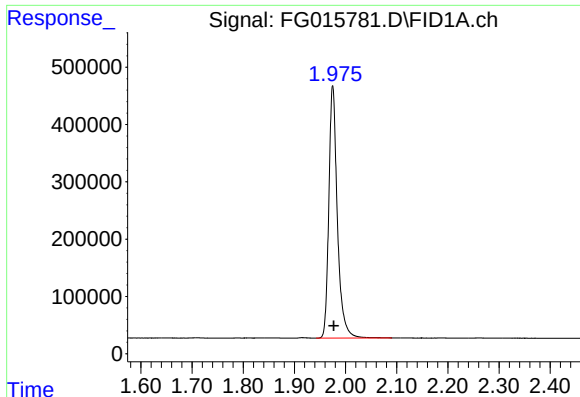
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

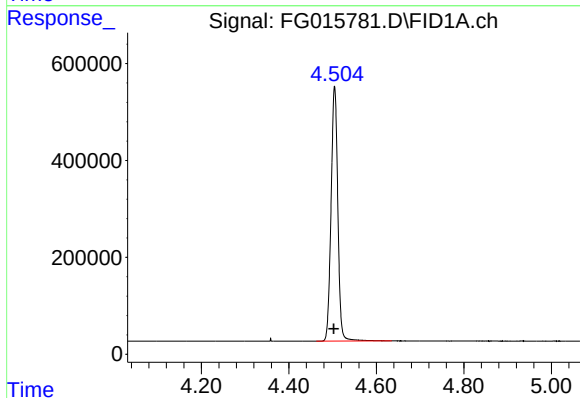




#1 N-OCTANE

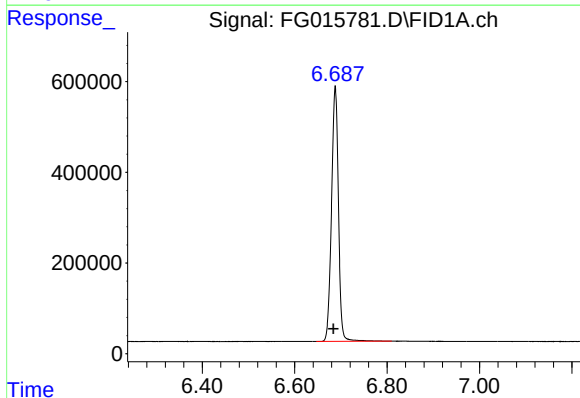
R.T.: 1.975 min
Delta R.T.: -0.002 min
Response: 5103806
Conc: 45.29 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



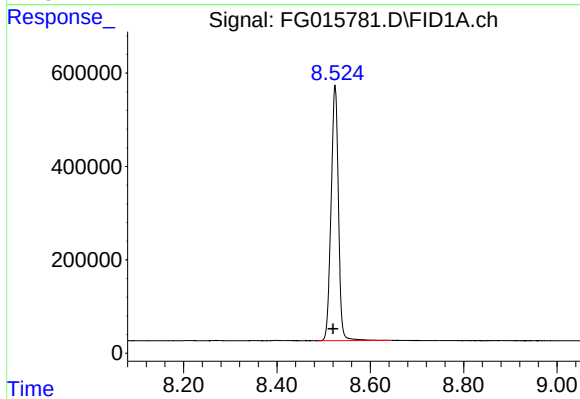
#2 N-DECANE

R.T.: 4.505 min
Delta R.T.: 0.002 min
Response: 5626388
Conc: 50.54 ug/ml



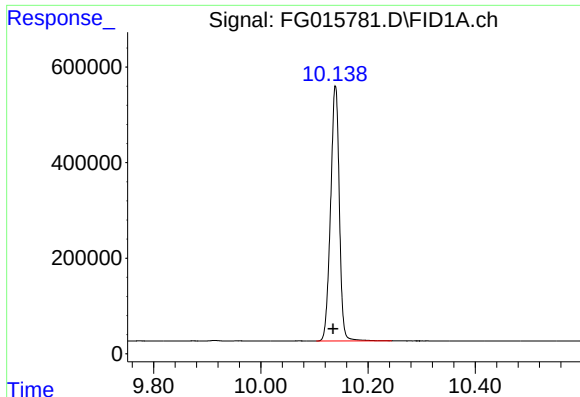
#3 N-DODECANE

R.T.: 6.688 min
Delta R.T.: 0.004 min
Response: 5835672
Conc: 50.92 ug/ml



#4 N-TETRADECANE

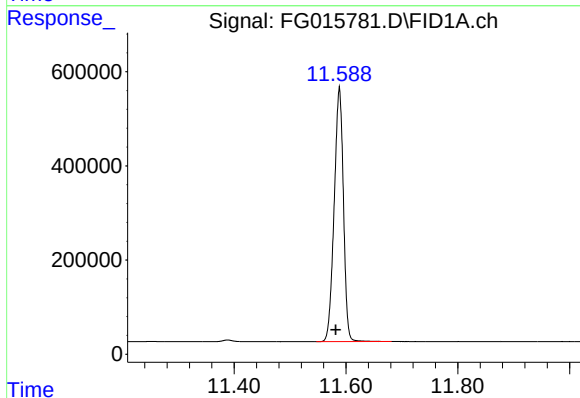
R.T.: 8.525 min
Delta R.T.: 0.004 min
Response: 5969226
Conc: 49.26 ug/ml



#5 N-HEXADECANE

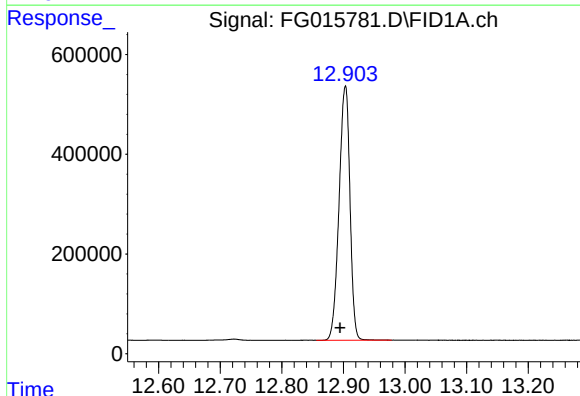
R.T.: 10.139 min
Delta R.T.: 0.005 min
Response: 6046342
Conc: 48.16 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



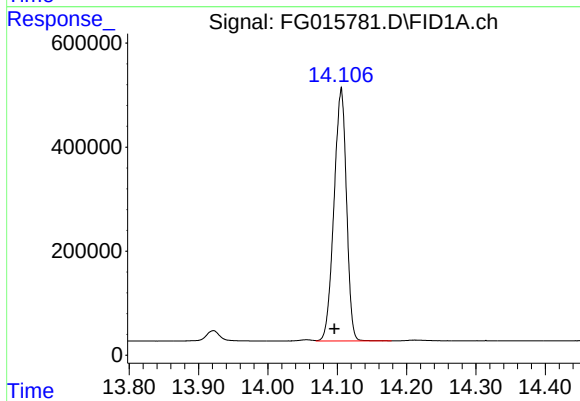
#6 N-OCTADECANE

R.T.: 11.588 min
Delta R.T.: 0.007 min
Response: 6191105
Conc: 47.24 ug/ml



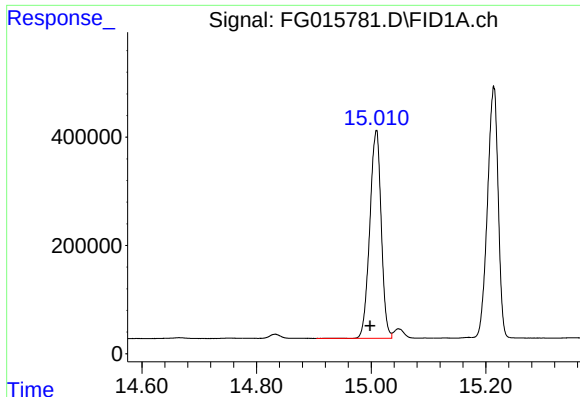
#7 N-EICOSANE

R.T.: 12.903 min
Delta R.T.: 0.008 min
Response: 6257756
Conc: 46.16 ug/ml



#8 N-DOCOSANE

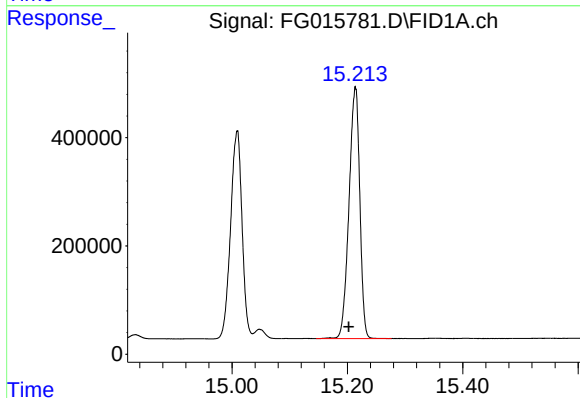
R.T.: 14.106 min
Delta R.T.: 0.010 min
Response: 6066038
Conc: 45.74 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

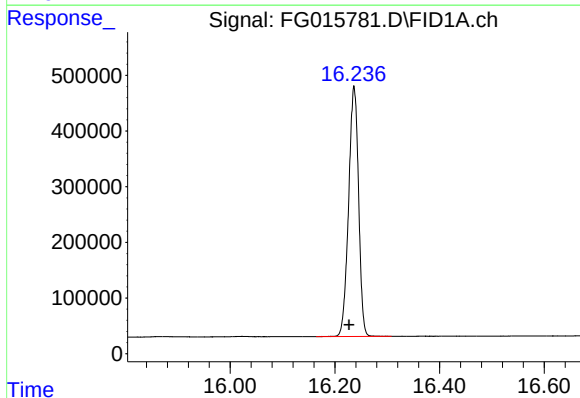
R.T.: 15.009 min
Delta R.T.: 0.011 min
Response: 5308380
Conc: 45.09 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



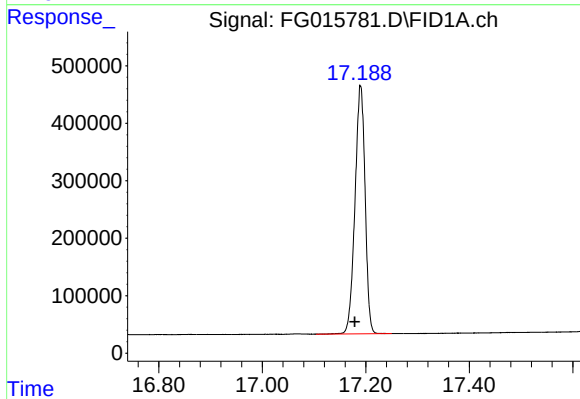
#10 N-TETRACOSANE

R.T.: 15.214 min
Delta R.T.: 0.012 min
Response: 6030928
Conc: 45.38 ug/ml



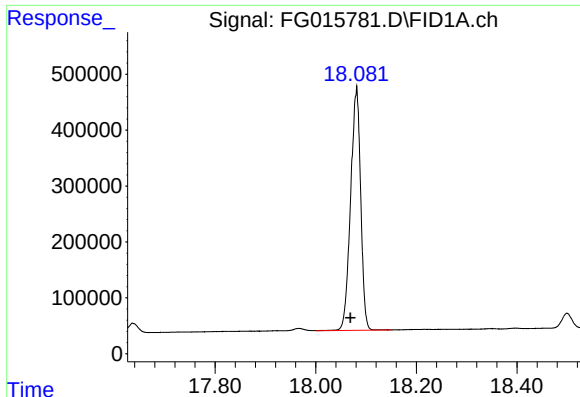
#11 N-HEXACOSANE

R.T.: 16.237 min
Delta R.T.: 0.010 min
Response: 5933836
Conc: 44.74 ug/ml



#12 N-OCTACOSANE

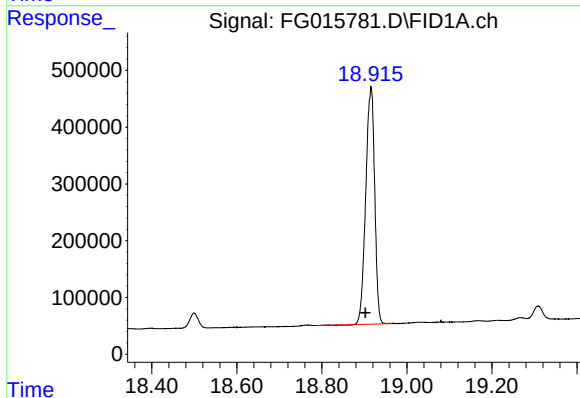
R.T.: 17.190 min
Delta R.T.: 0.011 min
Response: 5859603
Conc: 44.45 ug/ml



#13 N-TRIACONTANE

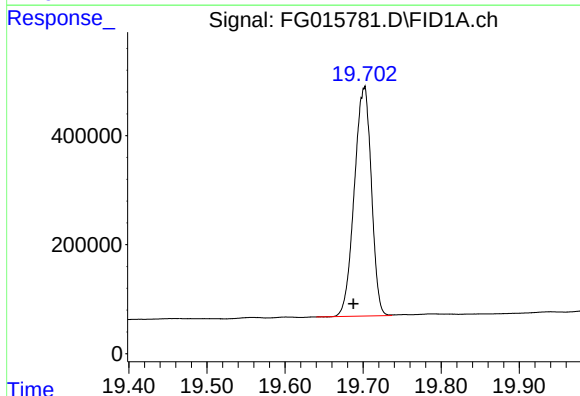
R.T.: 18.081 min
Delta R.T.: 0.012 min
Response: 6031008
Conc: 45.24 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



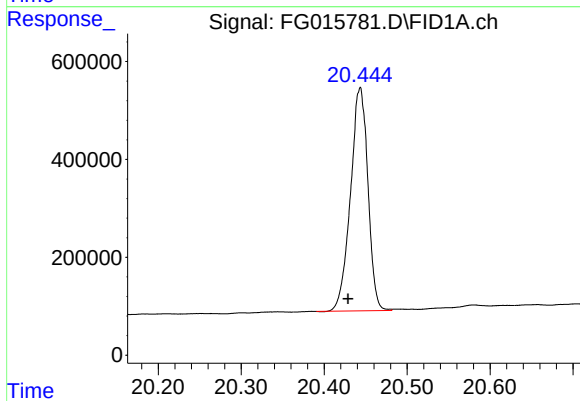
#14 N-DOTRIACONTANE

R.T.: 18.916 min
Delta R.T.: 0.014 min
Response: 6072894
Conc: 46.07 ug/ml



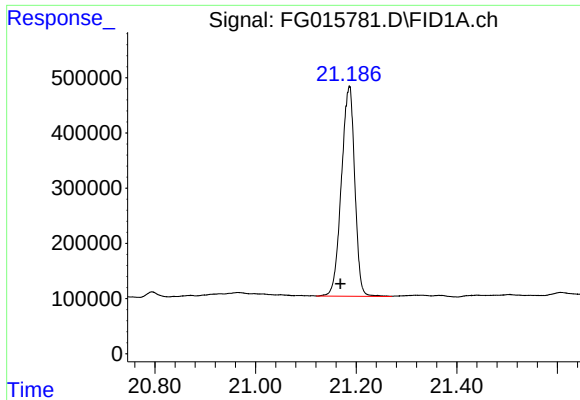
#15 N-TETRATRIACONTANE

R.T.: 19.702 min
Delta R.T.: 0.014 min
Response: 6366173
Conc: 52.64 ug/ml



#16 N-HEXATRIACONTANE

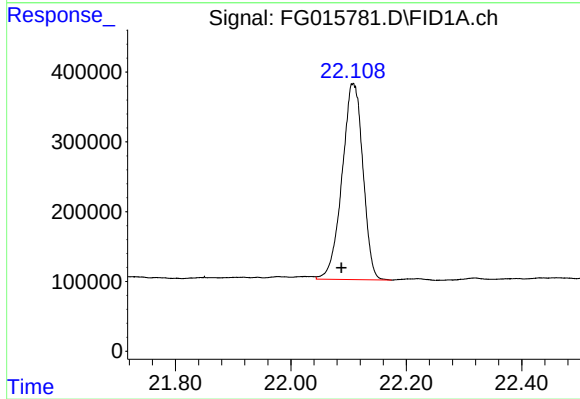
R.T.: 20.443 min
Delta R.T.: 0.015 min
Response: 6650635
Conc: 62.03 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.187 min
Delta R.T.: 0.018 min
Response: 7023139
Conc: 72.91 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.107 min
Delta R.T.: 0.020 min
Response: 7048606
Conc: 79.16 ug/ml