

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070225\
 Data File : FG016208.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jul 2025 19:06
 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: Jul 03 01:24:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
 Quant Title :
 QLast Update : Fri Jun 13 12:34:28 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...	15.207	5705081	48.636 ug/ml
Target Compounds			
1) N-OCTANE	2.128	6045218	49.030 ug/ml
2) N-DECANE	4.676	6254090	49.848 ug/ml
3) N-DODECANE	6.858	6363352	49.868 ug/ml
4) N-TETRADECANE	8.699	6382162	49.454 ug/ml
5) N-HEXADECANE	10.319	6435012	49.302 ug/ml
6) N-OCTADECANE	11.773	6578293	49.120 ug/ml
7) N-EICOSANE	13.093	6626385	48.983 ug/ml
8) N-DOCOSANE	14.300	6451613	48.936 ug/ml
10) N-TETRACOSANE	15.413	6419221	48.730 ug/ml
11) N-HEXACOSANE	16.440	6322288	48.296 ug/ml
12) N-OCTACOSANE	17.397	6167356	47.740 ug/ml
13) N-TRIACONTANE	18.290	6093949	47.143 ug/ml
14) N-DOTRIACONTANE	19.127	5796745	46.666 ug/ml
15) N-TETRATRIACONTANE	19.915	5358669	48.744 ug/ml
16) N-HEXATRIACONTANE	20.659	5026875	54.500 ug/ml
17) N-OCTATRIACONTANE	21.450	4578263	58.160 ug/ml
18) N-TETRACONTANE	22.455	4251402	60.484 ug/ml

(f)=RT Delta > 1/2 Window

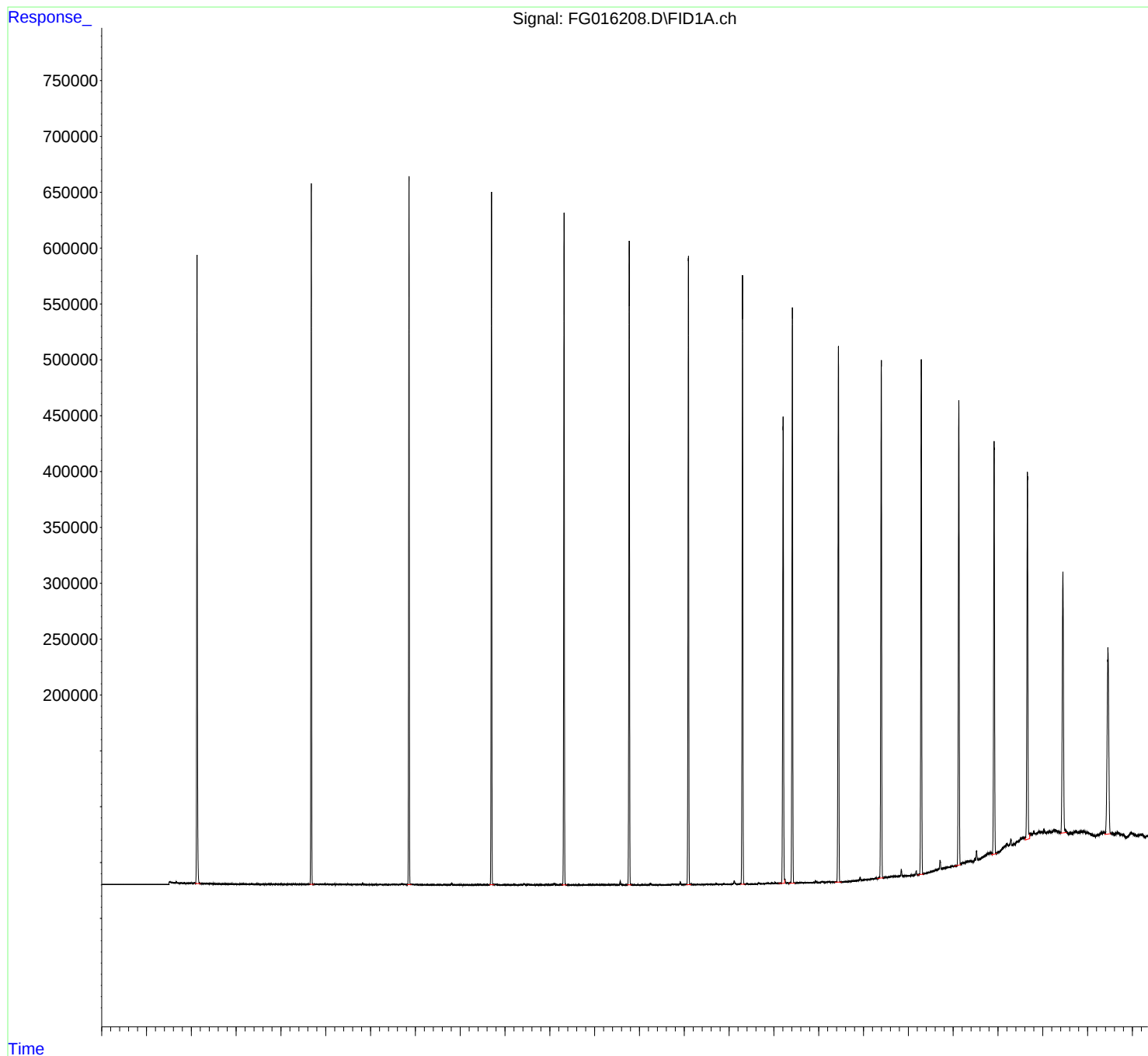
(m)=manual int.

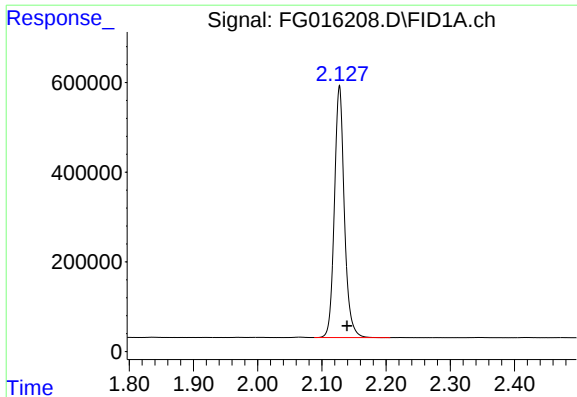
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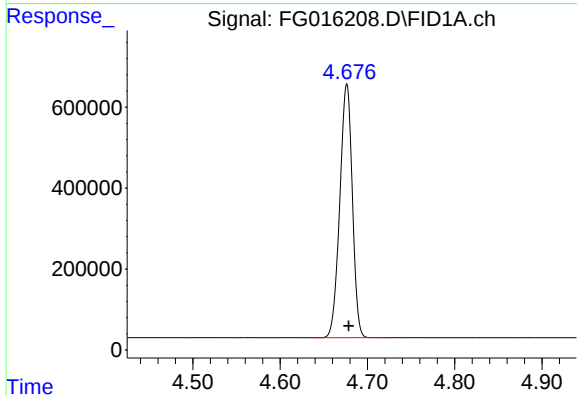




#1 N-OCTANE

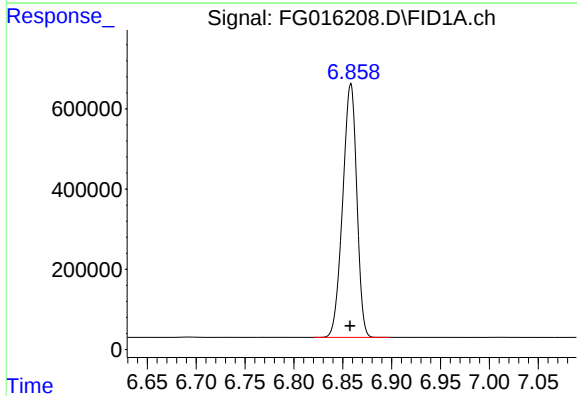
R.T.: 2.128 min
Delta R.T.: -0.011 min
Response: 6045218
Conc: 49.03 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



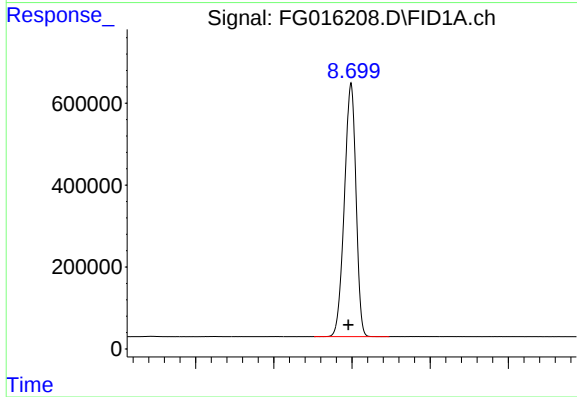
#2 N-DECANE

R.T.: 4.676 min
Delta R.T.: -0.002 min
Response: 6254090
Conc: 49.85 ug/ml



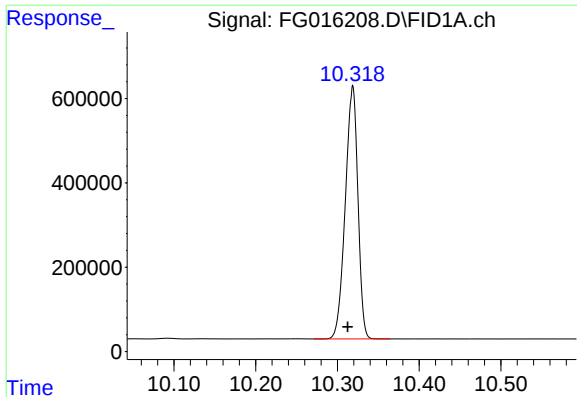
#3 N-DODECANE

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 6363352
Conc: 49.87 ug/ml



#4 N-TETRADECANE

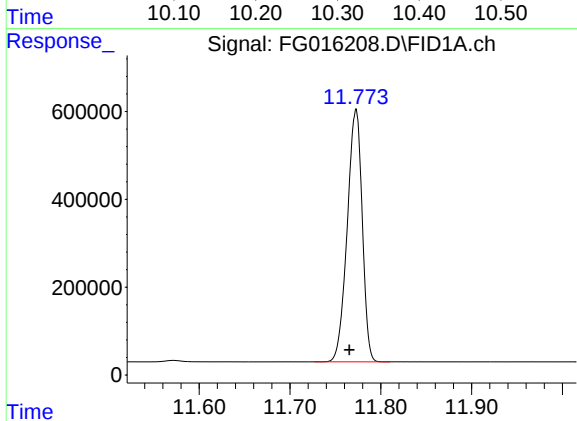
R.T.: 8.699 min
Delta R.T.: 0.004 min
Response: 6382162
Conc: 49.45 ug/ml



#5 N-HEXADECANE

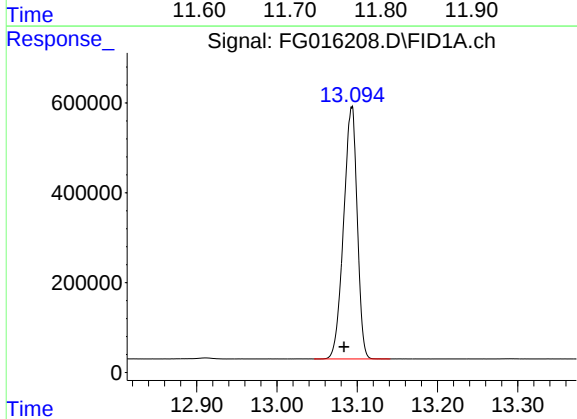
R.T.: 10.319 min
Delta R.T.: 0.006 min
Response: 6435012
Conc: 49.30 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



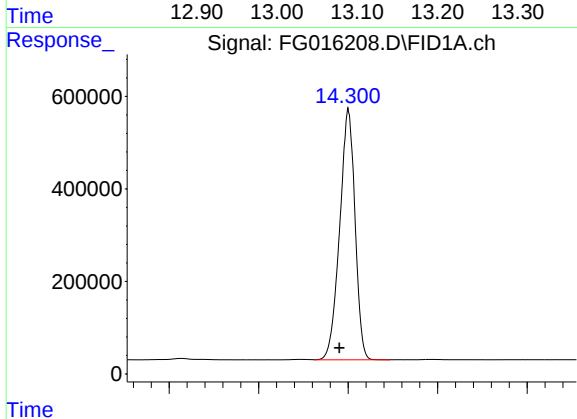
#6 N-OCTADECANE

R.T.: 11.773 min
Delta R.T.: 0.008 min
Response: 6578293
Conc: 49.12 ug/ml



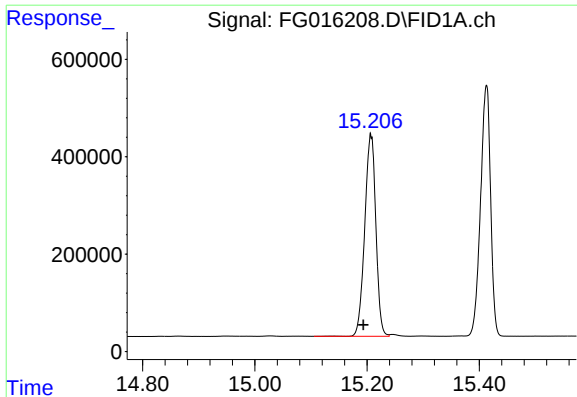
#7 N-EICOSANE

R.T.: 13.093 min
Delta R.T.: 0.010 min
Response: 6626385
Conc: 48.98 ug/ml



#8 N-DOCOSANE

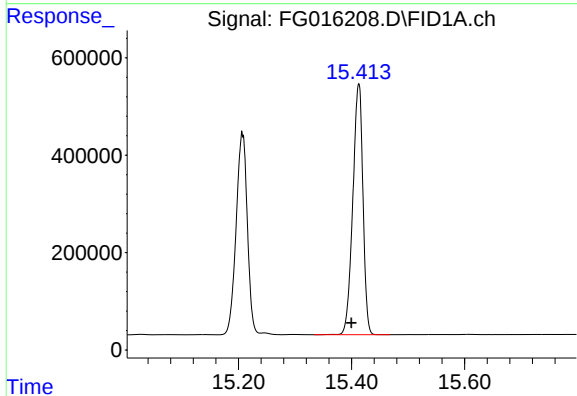
R.T.: 14.300 min
Delta R.T.: 0.010 min
Response: 6451613
Conc: 48.94 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

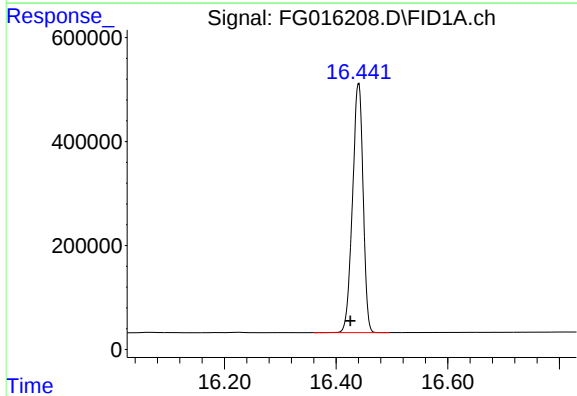
R.T.: 15.207 min
Delta R.T.: 0.013 min
Response: 5705081
Conc: 48.64 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



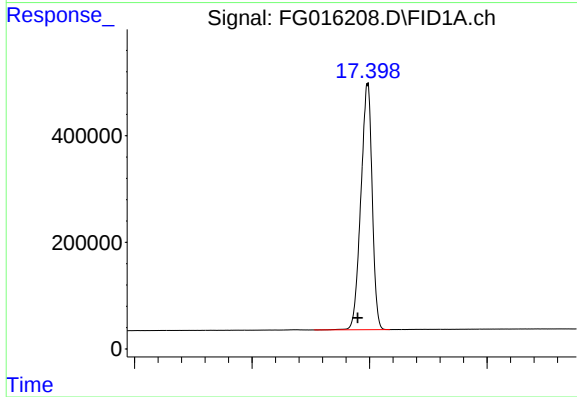
#10 N-TETRACOSANE

R.T.: 15.413 min
Delta R.T.: 0.013 min
Response: 6419221
Conc: 48.73 ug/ml



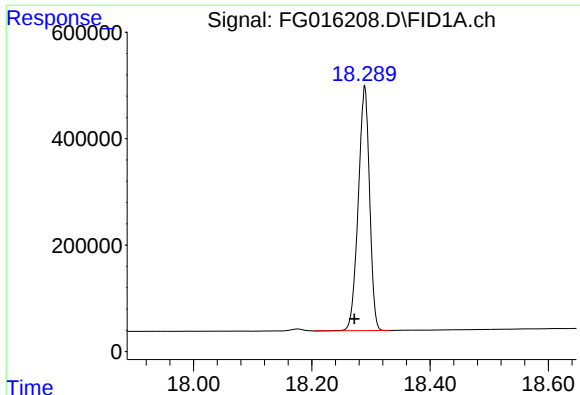
#11 N-HEXACOSANE

R.T.: 16.440 min
Delta R.T.: 0.014 min
Response: 6322288
Conc: 48.30 ug/ml



#12 N-OCTACOSANE

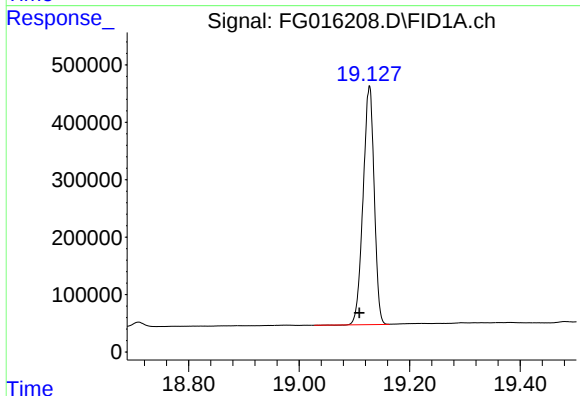
R.T.: 17.397 min
Delta R.T.: 0.017 min
Response: 6167356
Conc: 47.74 ug/ml



#13 N-TRIACONTANE

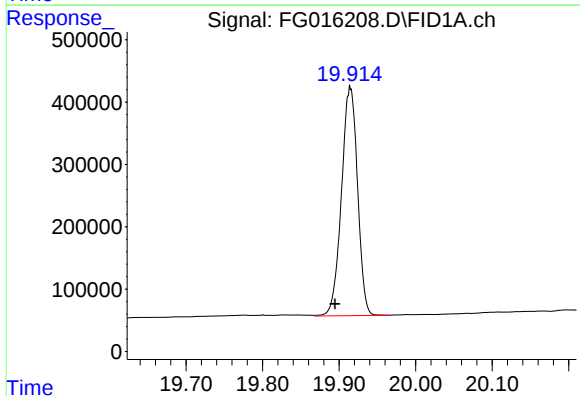
R.T.: 18.290 min
Delta R.T.: 0.018 min
Response: 6093949
Conc: 47.14 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



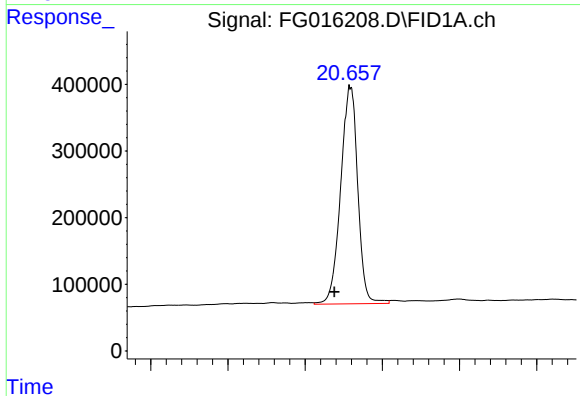
#14 N-DOTRIACONTANE

R.T.: 19.127 min
Delta R.T.: 0.018 min
Response: 5796745
Conc: 46.67 ug/ml



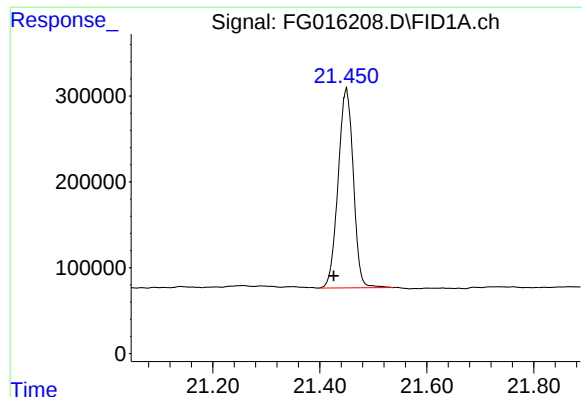
#15 N-TETRATRIACONTANE

R.T.: 19.915 min
Delta R.T.: 0.020 min
Response: 5358669
Conc: 48.74 ug/ml



#16 N-HEXATRIACONTANE

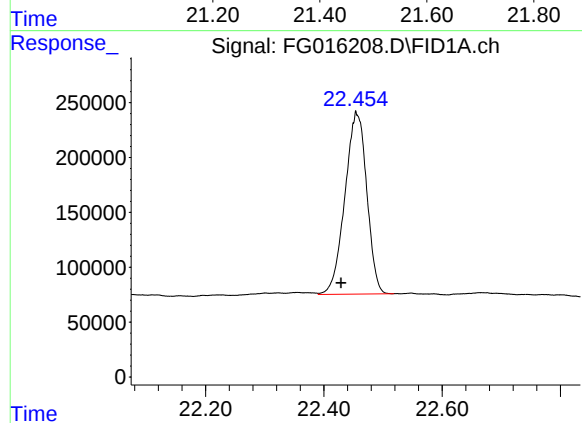
R.T.: 20.659 min
Delta R.T.: 0.021 min
Response: 5026875
Conc: 54.50 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.450 min
Delta R.T.: 0.024 min
Response: 4578263
Conc: 58.16 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.455 min
Delta R.T.: 0.026 min
Response: 4251402
Conc: 60.48 ug/ml