

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040325\
 Data File : FG015621.D
 Signal(s) : FID1A.ch
 Acq On : 03 Apr 2025 16:34
 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 04 01:08:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 11:04:29 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...	15.017	5165750	45.090 ug/ml
Target Compounds			
1) N-OCTANE	1.985	5162486	44.416 ug/ml
2) N-DECANE	4.516	5350178	45.289 ug/ml
3) N-DODECANE	6.699	5562913	45.813 ug/ml
4) N-TETRADECANE	8.536	5717997	45.344 ug/ml
5) N-HEXADECANE	10.150	5806989	45.100 ug/ml
6) N-OCTADECANE	11.599	5949666	45.162 ug/ml
7) N-EICOSANE	12.914	6012830	44.905 ug/ml
8) N-DOCOSANE	14.115	5856990	45.072 ug/ml
10) N-TETRACOSANE	15.222	5834342	45.044 ug/ml
11) N-HEXACOSANE	16.245	5782908	45.436 ug/ml
12) N-OCTACOSANE	17.198	5740559	45.923 ug/ml
13) N-TRIACONTANE	18.088	5765306	46.058 ug/ml
14) N-DOTRIACONTANE	18.922	5681912	47.877 ug/ml
15) N-TETRATRIACONTANE	19.707	6115482	58.591 ug/ml
16) N-HEXATRIACONTANE	20.449	6400085	73.022 ug/ml
17) N-OCTATRIACONTANE	21.194	6506588	87.185 ug/ml
18) N-TETRACONTANE	22.120	6330432	95.571 ug/ml

(f)=RT Delta > 1/2 Window

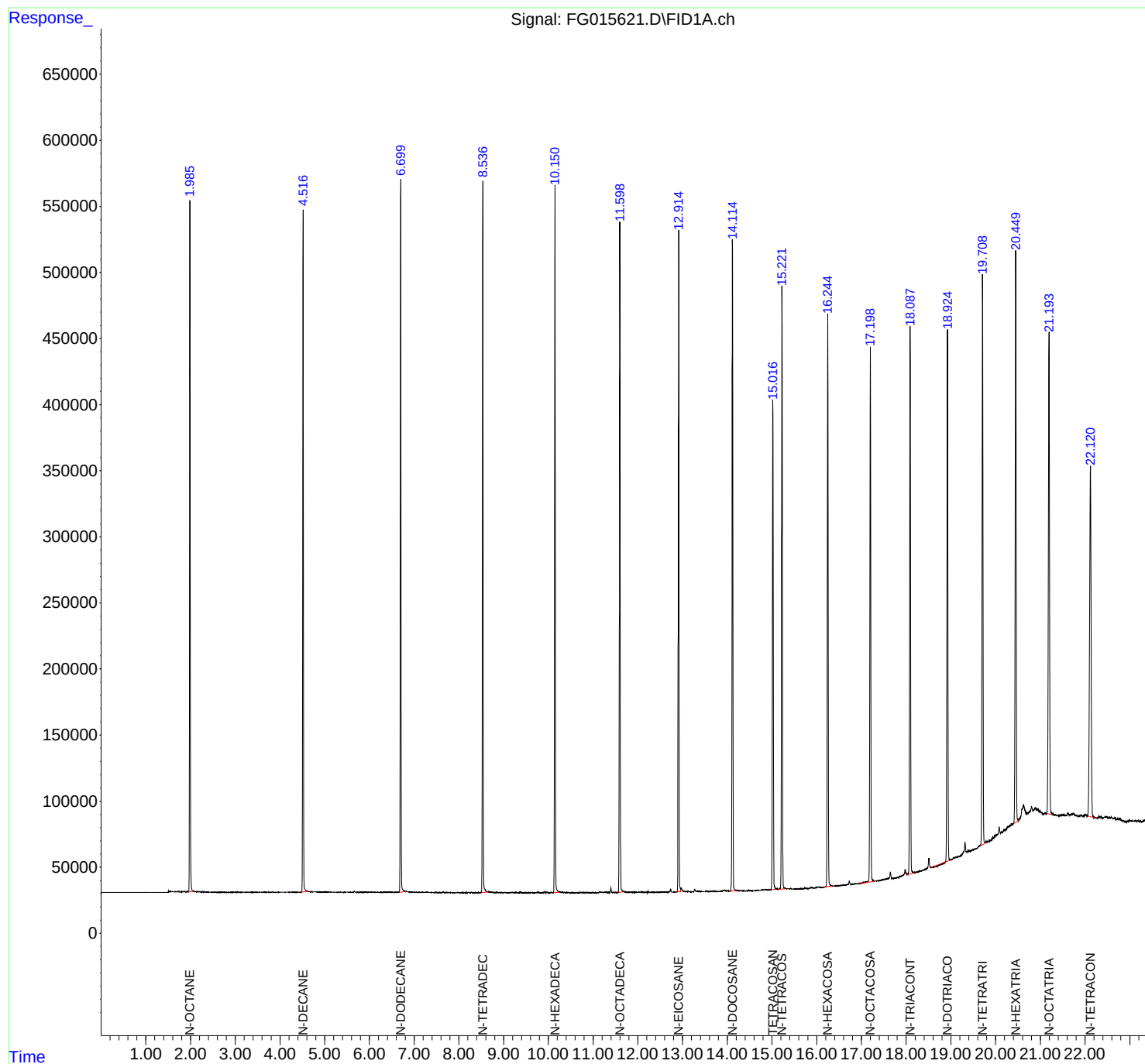
(m)=manual int.

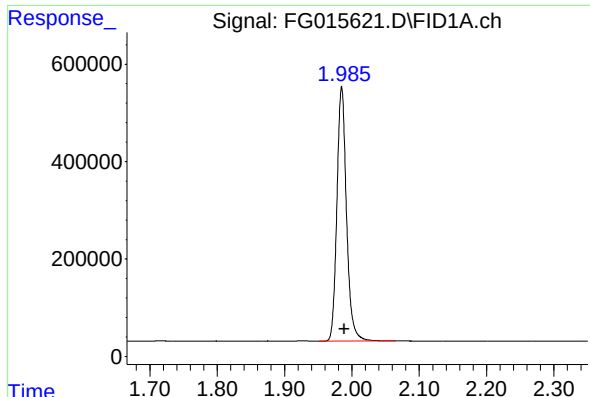
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

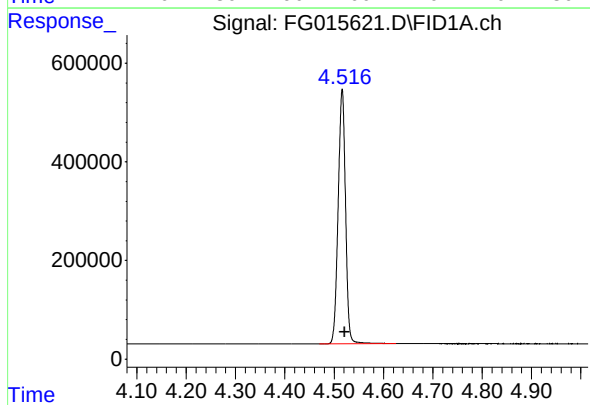




#1 N-OCTANE

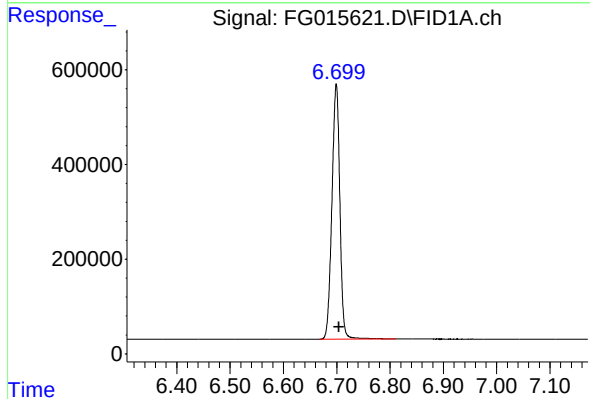
R.T.: 1.985 min
Delta R.T.: -0.004 min
Response: 5162486
Conc: 44.42 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



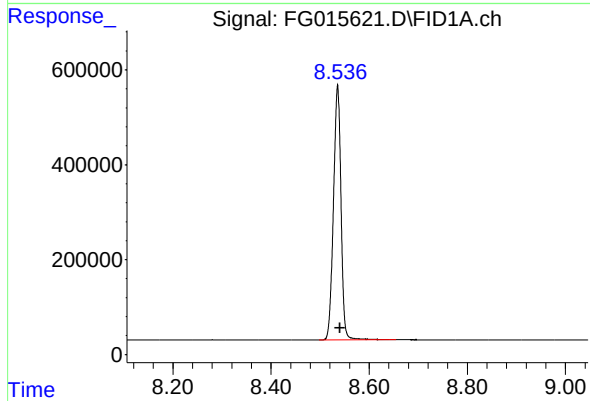
#2 N-DECANE

R.T.: 4.516 min
Delta R.T.: -0.005 min
Response: 5350178
Conc: 45.29 ug/ml



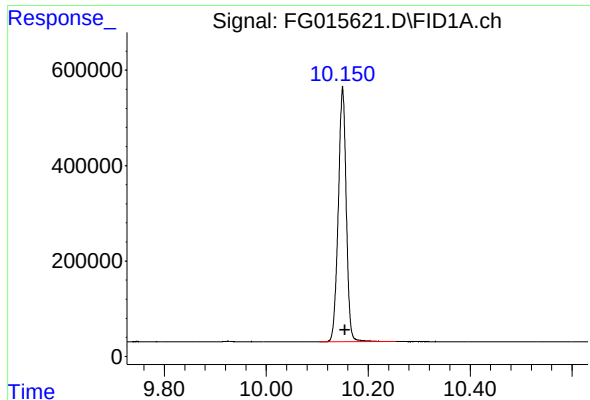
#3 N-DODECANE

R.T.: 6.699 min
Delta R.T.: -0.005 min
Response: 5562913
Conc: 45.81 ug/ml



#4 N-TETRADECANE

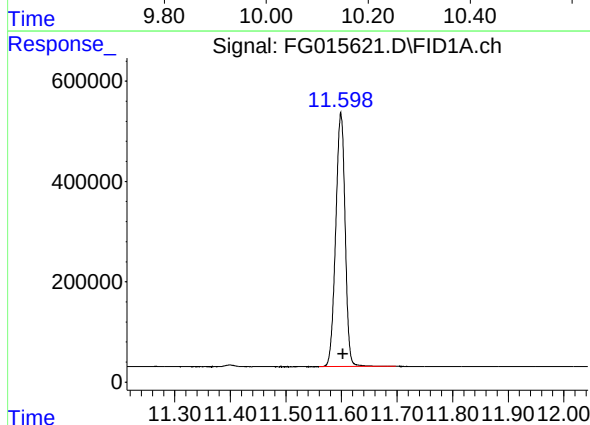
R.T.: 8.536 min
Delta R.T.: -0.004 min
Response: 5717997
Conc: 45.34 ug/ml



#5 N-HEXADECANE

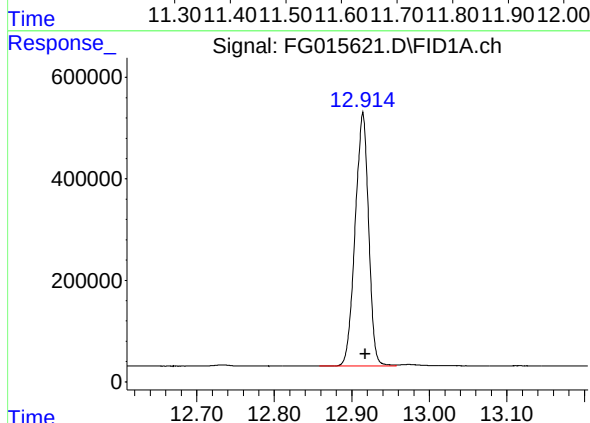
R.T.: 10.150 min
Delta R.T.: -0.005 min
Response: 5806989
Conc: 45.10 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



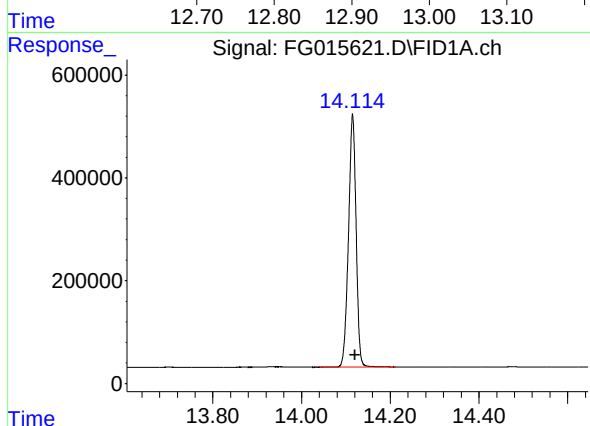
#6 N-OCTADECANE

R.T.: 11.599 min
Delta R.T.: -0.004 min
Response: 5949666
Conc: 45.16 ug/ml



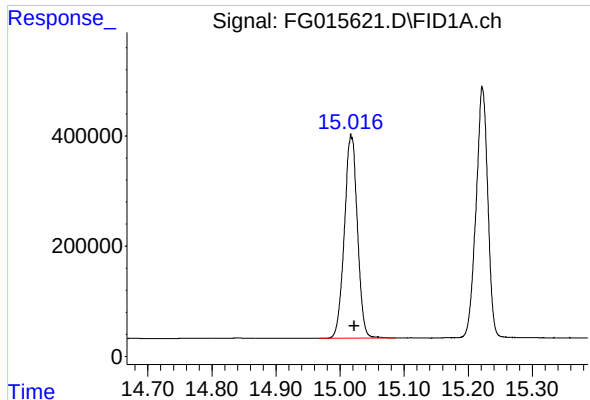
#7 N-EICOSANE

R.T.: 12.914 min
Delta R.T.: -0.003 min
Response: 6012830
Conc: 44.91 ug/ml



#8 N-DOCOSANE

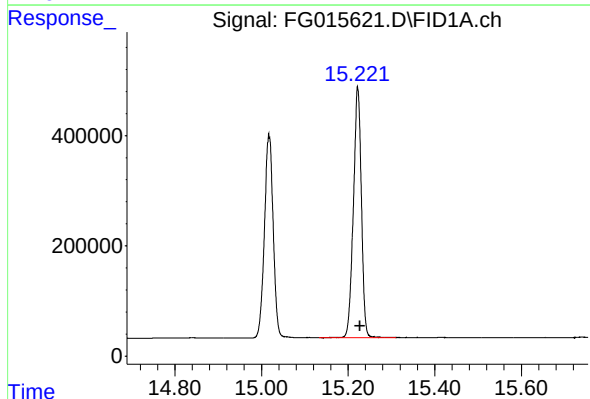
R.T.: 14.115 min
Delta R.T.: -0.005 min
Response: 5856990
Conc: 45.07 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

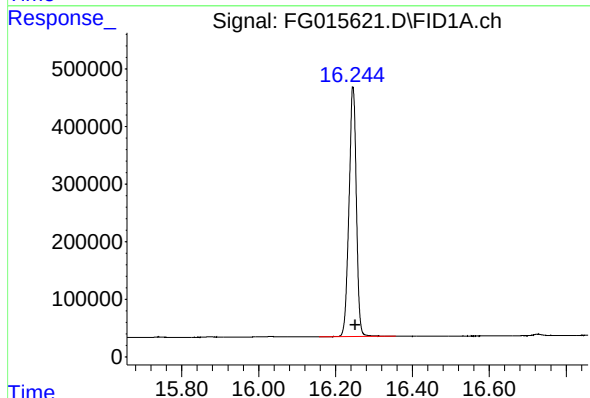
R.T.: 15.017 min
Delta R.T.: -0.005 min
Response: 5165750
Conc: 45.09 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



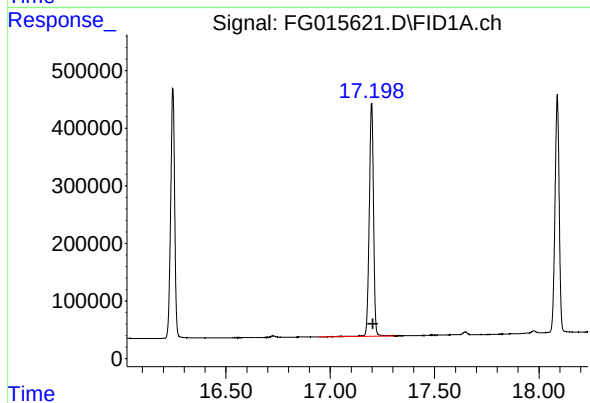
#10 N-TETRACOSANE

R.T.: 15.222 min
Delta R.T.: -0.006 min
Response: 5834342
Conc: 45.04 ug/ml



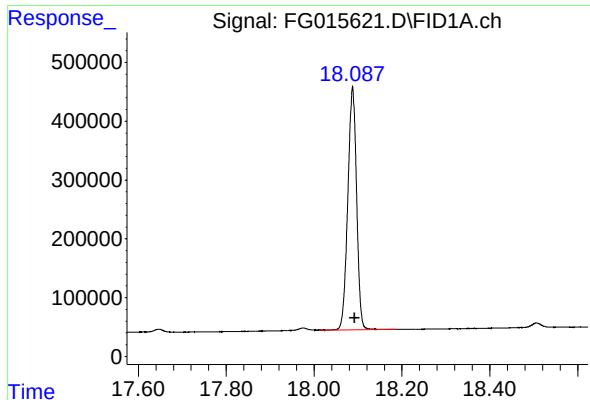
#11 N-HEXACOSANE

R.T.: 16.245 min
Delta R.T.: -0.006 min
Response: 5782908
Conc: 45.44 ug/ml



#12 N-OCTACOSANE

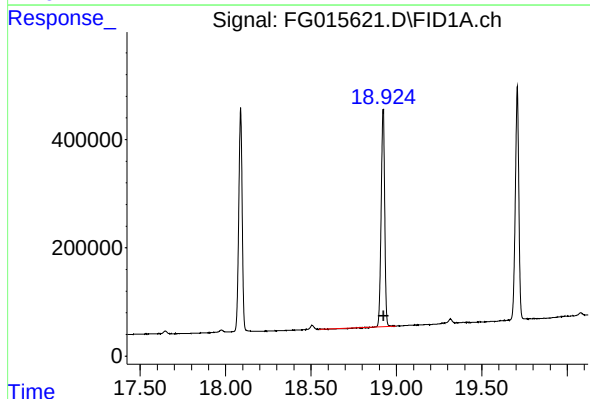
R.T.: 17.198 min
Delta R.T.: -0.005 min
Response: 5740559
Conc: 45.92 ug/ml



#13 N-TRIACONTANE

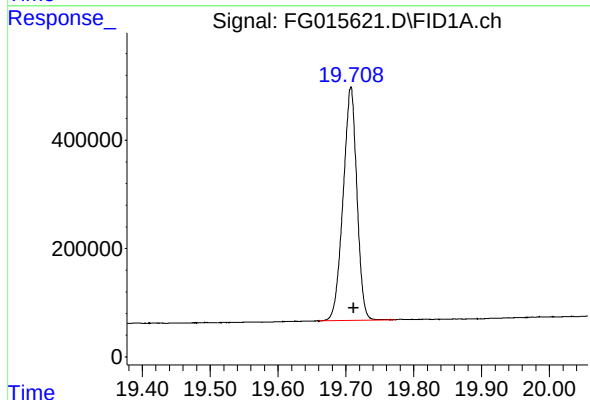
R.T.: 18.088 min
Delta R.T.: -0.005 min
Response: 5765306
Conc: 46.06 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



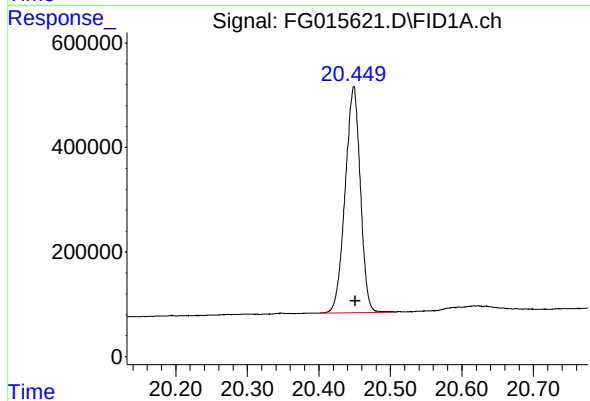
#14 N-DOTRIACONTANE

R.T.: 18.922 min
Delta R.T.: -0.004 min
Response: 5681912
Conc: 47.88 ug/ml



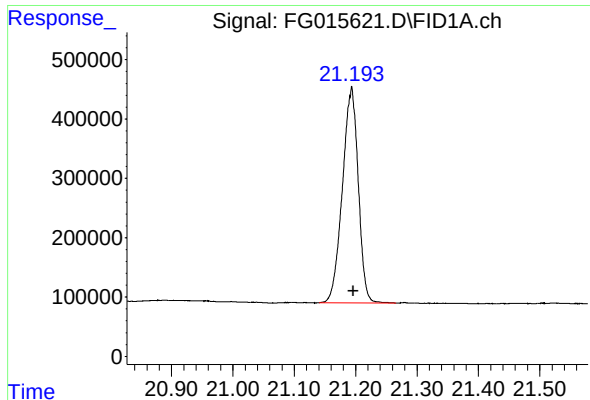
#15 N-TETRATRIACONTANE

R.T.: 19.707 min
Delta R.T.: -0.004 min
Response: 6115482
Conc: 58.59 ug/ml



#16 N-HEXATRIACONTANE

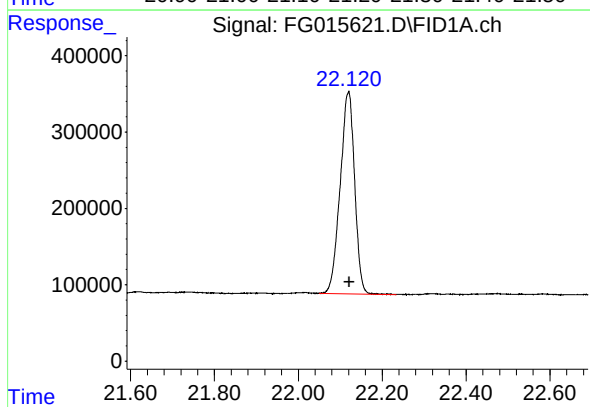
R.T.: 20.449 min
Delta R.T.: -0.002 min
Response: 6400085
Conc: 73.02 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.194 min
Delta R.T.: -0.002 min
Response: 6506588
Conc: 87.18 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.120 min
Delta R.T.: -0.002 min
Response: 6330432
Conc: 95.57 ug/ml