

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040325\
 Data File : FG015630.D
 Signal(s) : FID1A.ch
 Acq On : 03 Apr 2025 21:27
 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 01:11:32 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...	15.015	5080878	44.350 ug/ml
Target Compounds			
1) N-OCTANE	1.984	5133571	44.167 ug/ml
2) N-DECANE	4.515	5281366	44.706 ug/ml
3) N-DODECANE	6.698	5454560	44.921 ug/ml
4) N-TETRADECANE	8.534	5596862	44.384 ug/ml
5) N-HEXADECANE	10.149	5689269	44.186 ug/ml
6) N-OCTADECANE	11.597	5824745	44.214 ug/ml
7) N-EICOSANE	12.912	5883115	43.936 ug/ml
8) N-DOCOSANE	14.114	5745917	44.218 ug/ml
10) N-TETRACOSANE	15.221	5766466	44.520 ug/ml
11) N-HEXACOSANE	16.245	5652497	44.412 ug/ml
12) N-OCTACOSANE	17.197	5534856	44.278 ug/ml
13) N-TRIACONTANE	18.087	5590747	44.663 ug/ml
14) N-DOTRIACONTANE	18.922	5553899	46.798 ug/ml
15) N-TETRATRIACONTANE	19.706	5860812	56.151 ug/ml
16) N-HEXATRIACONTANE	20.447	6125984	69.895 ug/ml
17) N-OCTATRIACONTANE	21.191	6268106	83.989 ug/ml
18) N-TETRACONTANE	22.117	6209445	93.745 ug/ml

(f)=RT Delta > 1/2 Window

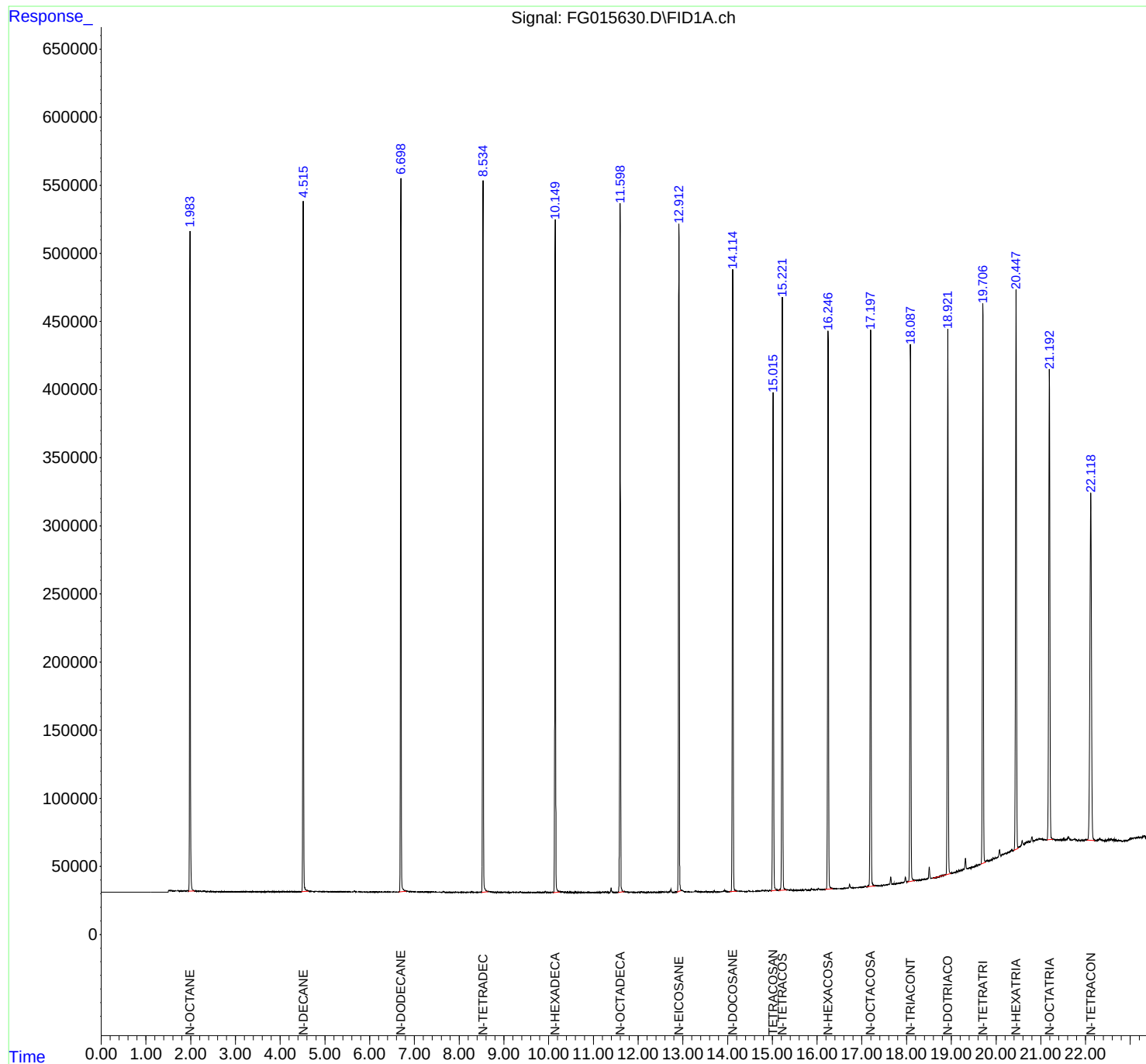
(m)=manual int.

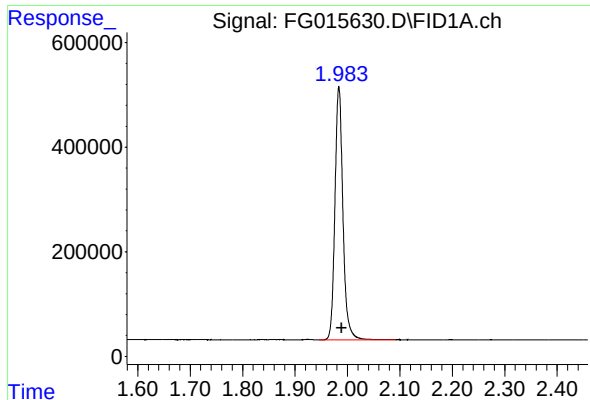
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Signal Info : 20mx0.18mmx0.18um

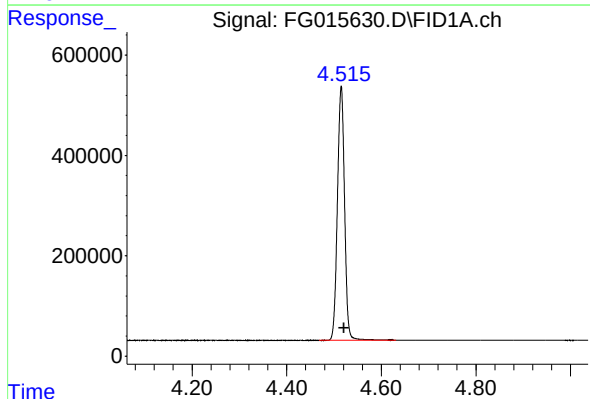




#1 N-OCTANE

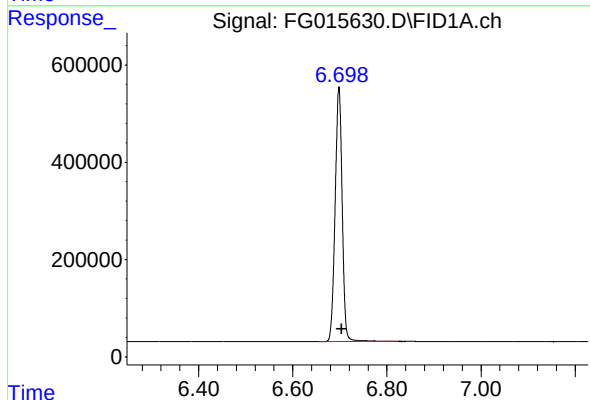
R.T.: 1.984 min
Delta R.T.: -0.005 min
Response: 5133571
Conc: 44.17 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



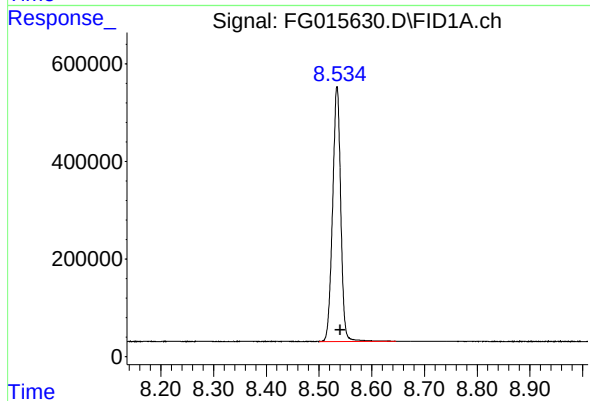
#2 N-DECANE

R.T.: 4.515 min
Delta R.T.: -0.006 min
Response: 5281366
Conc: 44.71 ug/ml



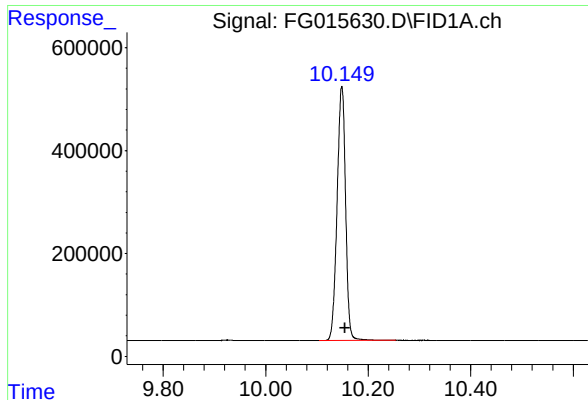
#3 N-DODECANE

R.T.: 6.698 min
Delta R.T.: -0.006 min
Response: 5454560
Conc: 44.92 ug/ml



#4 N-TETRADECANE

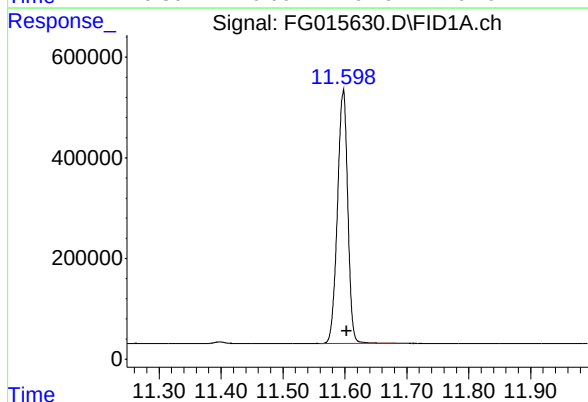
R.T.: 8.534 min
Delta R.T.: -0.006 min
Response: 5596862
Conc: 44.38 ug/ml



#5 N-HEXADECANE

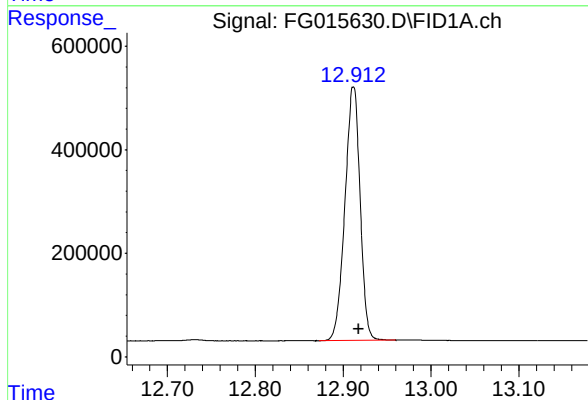
R.T.: 10.149 min
Delta R.T.: -0.006 min
Response: 5689269
Conc: 44.19 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



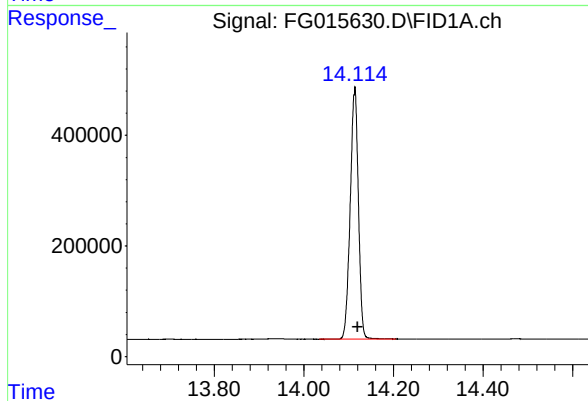
#6 N-OCTADECANE

R.T.: 11.597 min
Delta R.T.: -0.005 min
Response: 5824745
Conc: 44.21 ug/ml



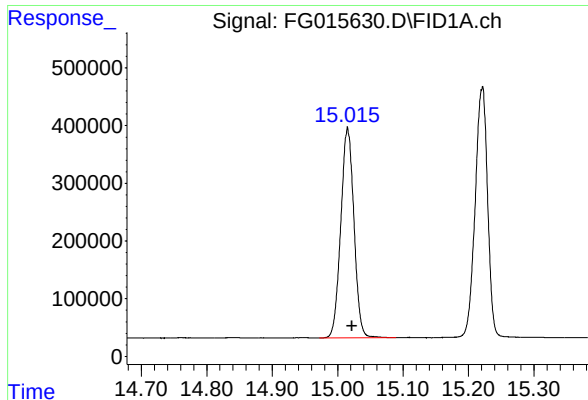
#7 N-EICOSANE

R.T.: 12.912 min
Delta R.T.: -0.006 min
Response: 5883115
Conc: 43.94 ug/ml



#8 N-DOCOSANE

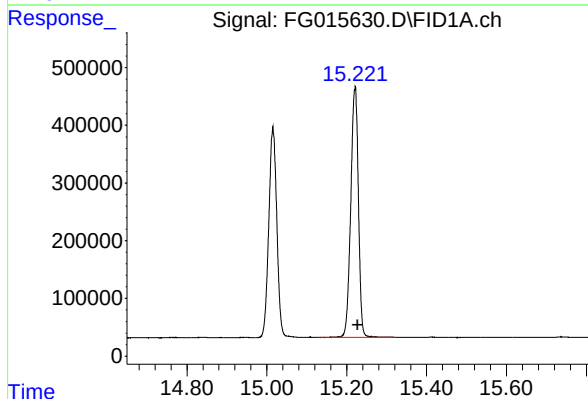
R.T.: 14.114 min
Delta R.T.: -0.007 min
Response: 5745917
Conc: 44.22 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

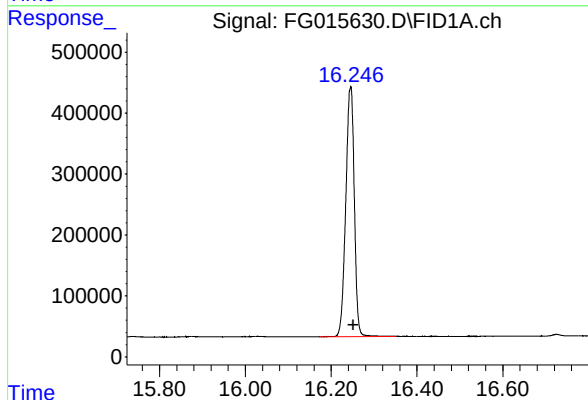
R.T.: 15.015 min
Delta R.T.: -0.007 min
Response: 5080878
Conc: 44.35 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



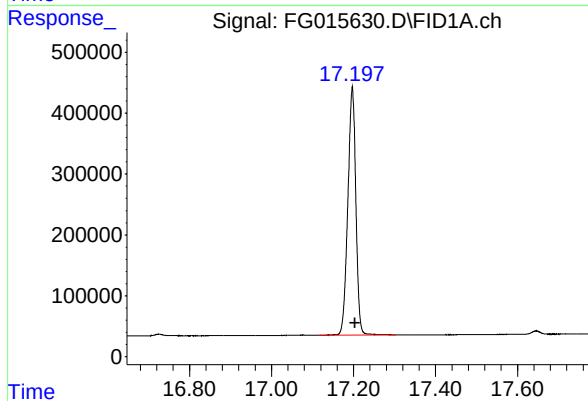
#10 N-TETRACOSANE

R.T.: 15.221 min
Delta R.T.: -0.007 min
Response: 5766466
Conc: 44.52 ug/ml



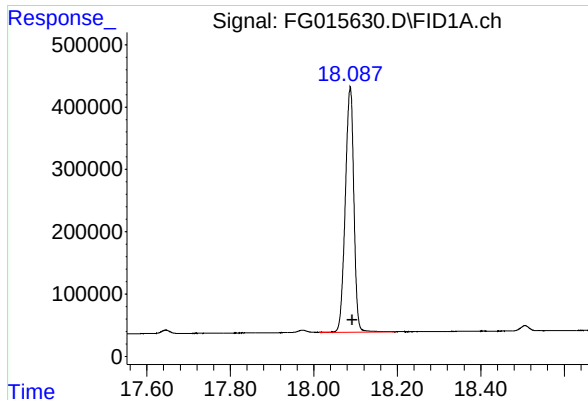
#11 N-HEXACOSANE

R.T.: 16.245 min
Delta R.T.: -0.006 min
Response: 5652497
Conc: 44.41 ug/ml



#12 N-OCTACOSANE

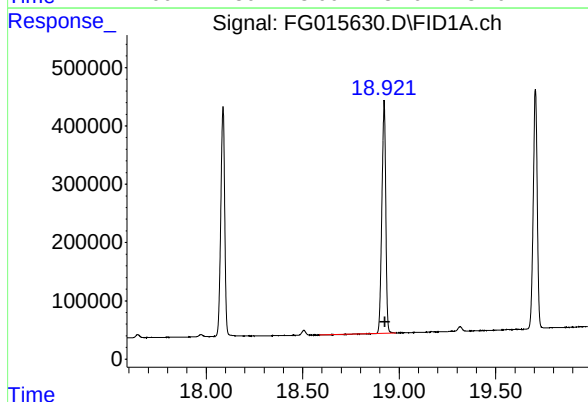
R.T.: 17.197 min
Delta R.T.: -0.007 min
Response: 5534856
Conc: 44.28 ug/ml



#13 N-TRIACONTANE

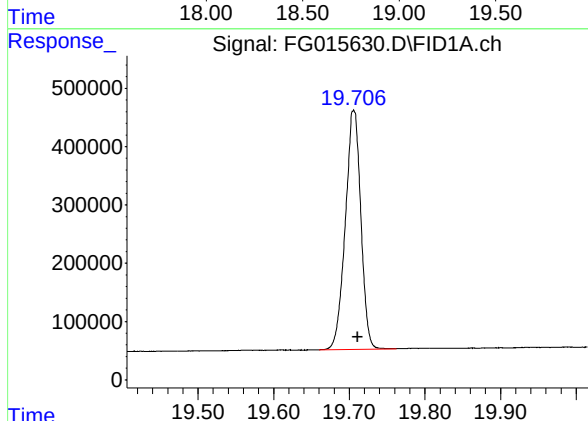
R.T.: 18.087 min
Delta R.T.: -0.005 min
Response: 5590747
Conc: 44.66 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



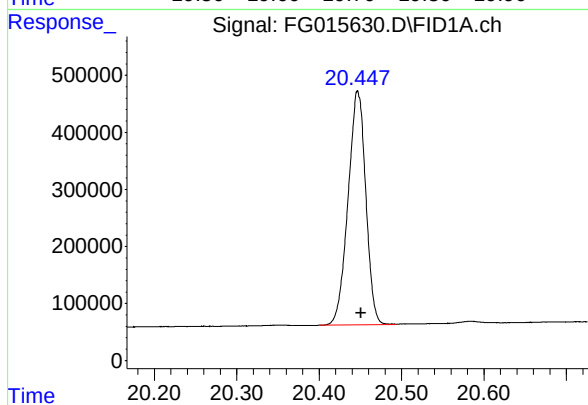
#14 N-DOTRIACONTANE

R.T.: 18.922 min
Delta R.T.: -0.004 min
Response: 5553899
Conc: 46.80 ug/ml



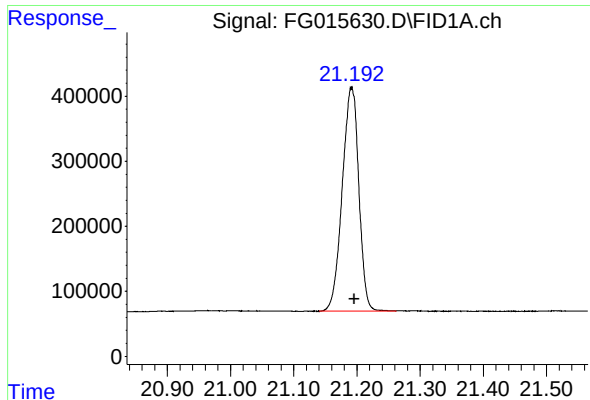
#15 N-TETRATRIACONTANE

R.T.: 19.706 min
Delta R.T.: -0.005 min
Response: 5860812
Conc: 56.15 ug/ml



#16 N-HEXATRIACONTANE

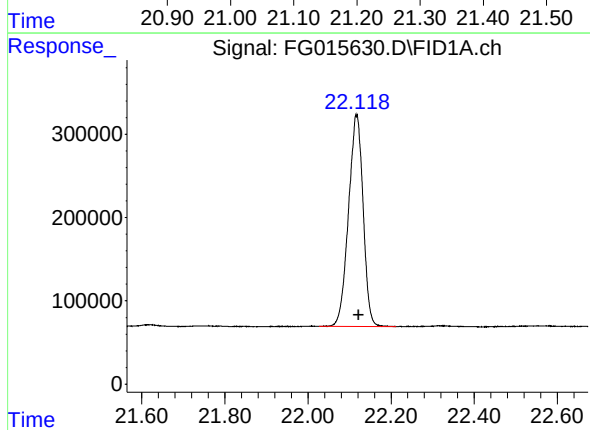
R.T.: 20.447 min
Delta R.T.: -0.004 min
Response: 6125984
Conc: 69.89 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.191 min
Delta R.T.: -0.005 min
Response: 6268106
Conc: 83.99 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.117 min
Delta R.T.: -0.005 min
Response: 6209445
Conc: 93.74 ug/ml