

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091823\
 Data File : FG012934.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2023 13:20
 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: Sep 19 00:42:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090123.M
 Quant Title :
 QLast Update : Thu Aug 31 16:39:19 2023
 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...	15.081	5665190	50.683 ug/ml
Target Compounds			
1) N-OCTANE	2.074	6599070	50.104 ug/ml
2) N-DECANE	4.596	6842322	50.509 ug/ml
3) N-DODECANE	6.771	6797811	50.225 ug/ml
4) N-TETRADECANE	8.604	6688831	49.866 ug/ml
5) N-HEXADECANE	10.217	6586342	49.137 ug/ml
6) N-OCTADECANE	11.664	6518561	48.694 ug/ml
7) N-EICOSANE	12.978	6281035	48.330 ug/ml
8) N-DOCOSANE	14.180	6064975	48.235 ug/ml
10) N-TETRACOSANE	15.285	5996748	48.359 ug/ml
11) N-HEXACOSANE	16.308	5841137	48.615 ug/ml
12) N-OCTACOSANE	17.260	5794964	49.465 ug/ml
13) N-TRIACONTANE	18.149	5789080	51.155 ug/ml
14) N-DOTRIACONTANE	18.981	5631884	54.061 ug/ml
15) N-TETRATRIACONTANE	19.766	5177625	56.005 ug/ml
16) N-HEXATRIACONTANE	20.505	4361708	53.818 ug/ml
17) N-OCTATRIACONTANE	21.260	3423015	44.822 ug/ml
18) N-TETRACONTANE	22.207	2613216	33.602 ug/ml

(f)=RT Delta > 1/2 Window

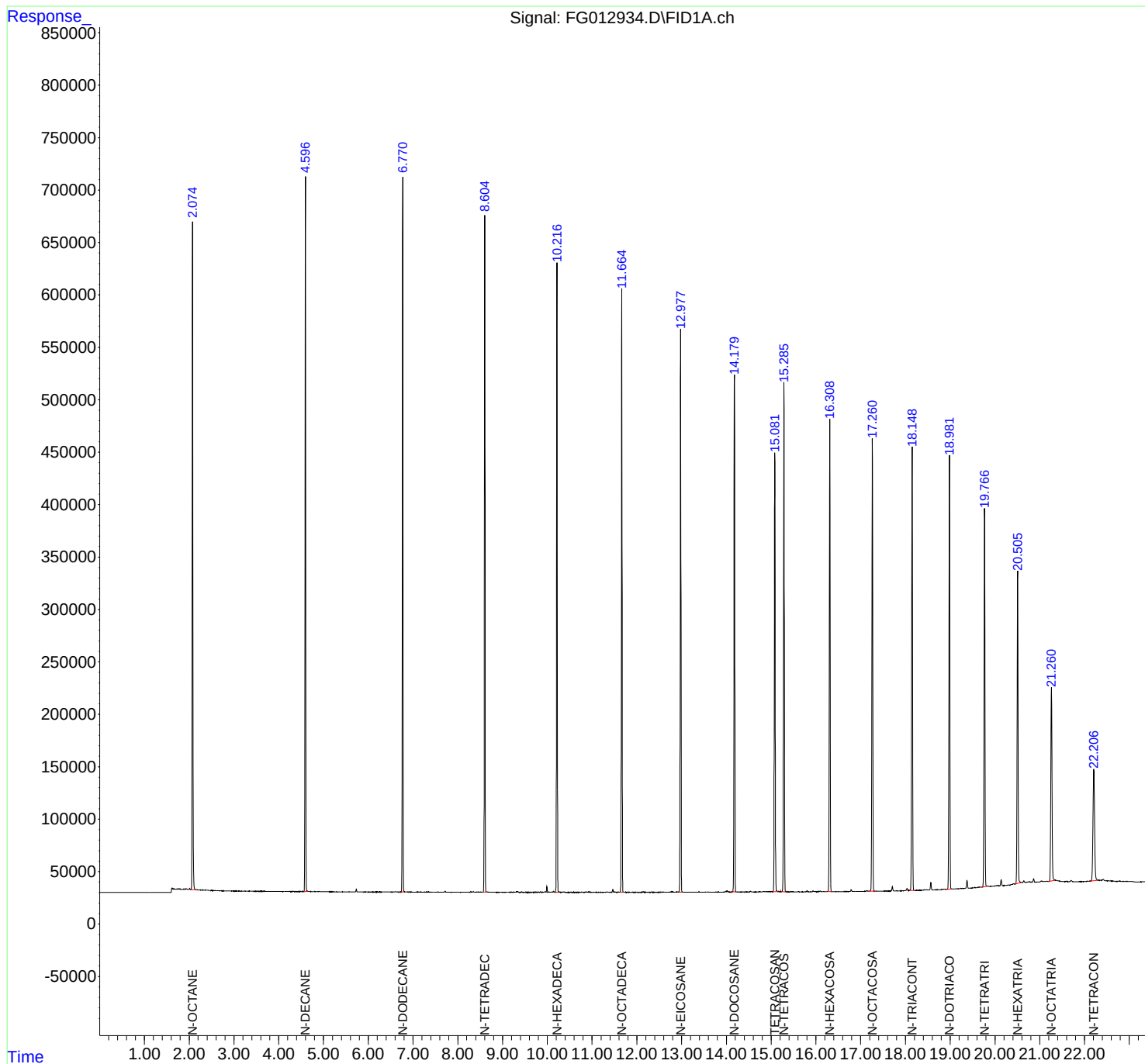
(m)=manual int.

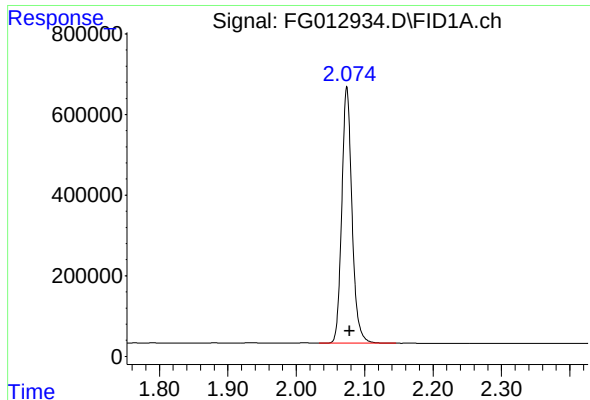
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

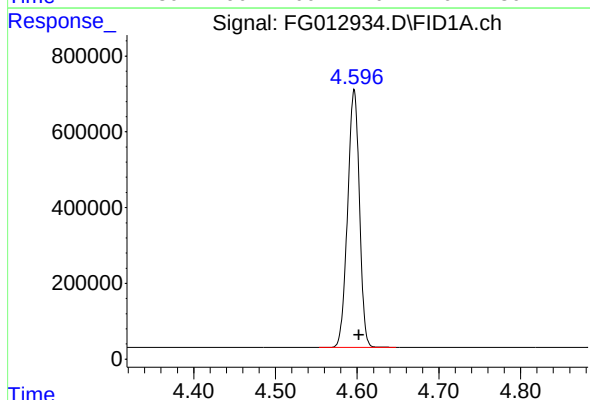




#1 N-OCTANE

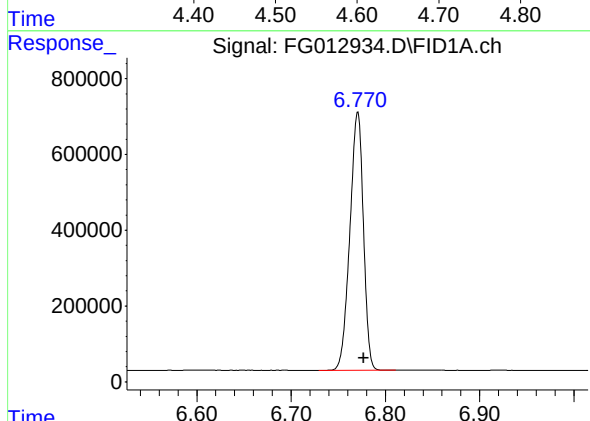
R.T.: 2.074 min
Delta R.T.: -0.004 min
Response: 6599070
Conc: 50.10 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



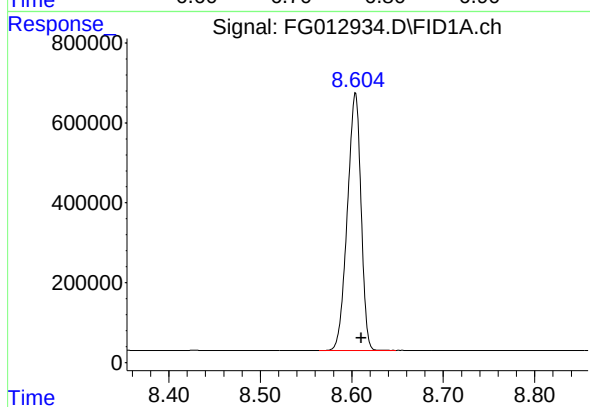
#2 N-DECANE

R.T.: 4.596 min
Delta R.T.: -0.006 min
Response: 6842322
Conc: 50.51 ug/ml



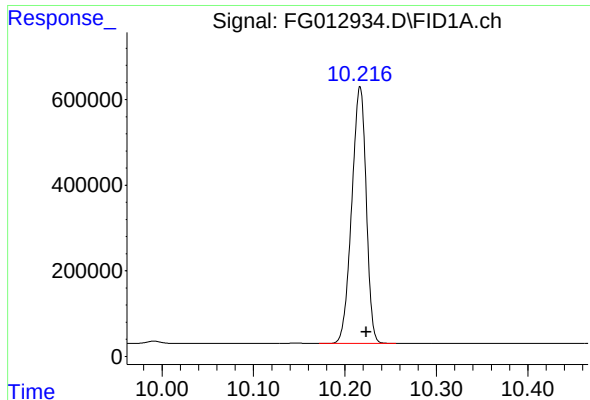
#3 N-DODECANE

R.T.: 6.771 min
Delta R.T.: -0.006 min
Response: 6797811
Conc: 50.22 ug/ml



#4 N-TETRADECANE

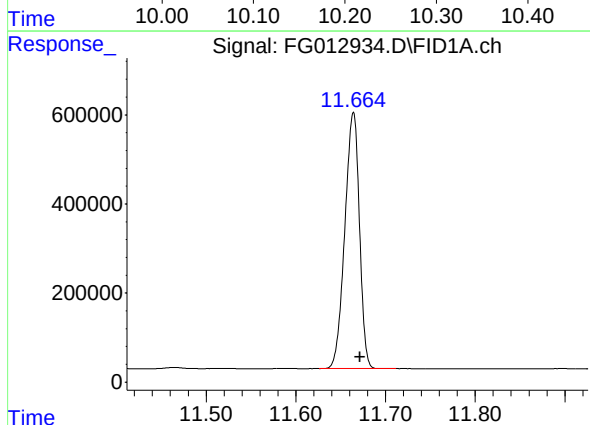
R.T.: 8.604 min
Delta R.T.: -0.006 min
Response: 6688831
Conc: 49.87 ug/ml



#5 N-HEXADECANE

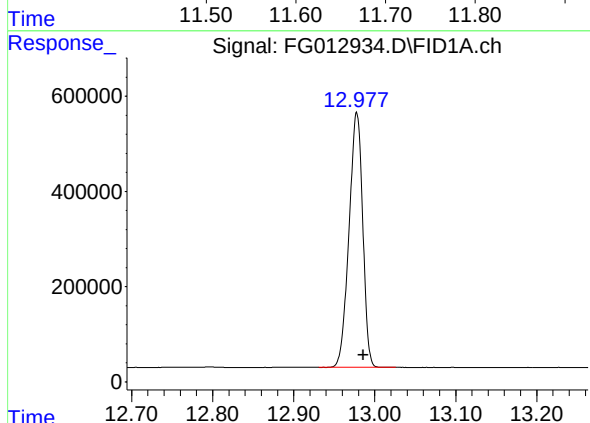
R.T.: 10.217 min
Delta R.T.: -0.007 min
Response: 6586342
Conc: 49.14 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



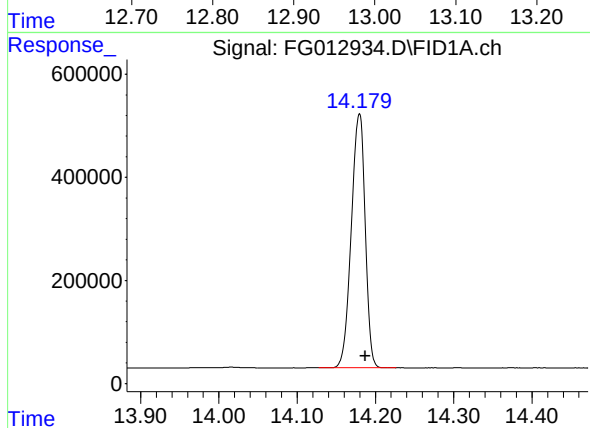
#6 N-OCTADECANE

R.T.: 11.664 min
Delta R.T.: -0.007 min
Response: 6518561
Conc: 48.69 ug/ml



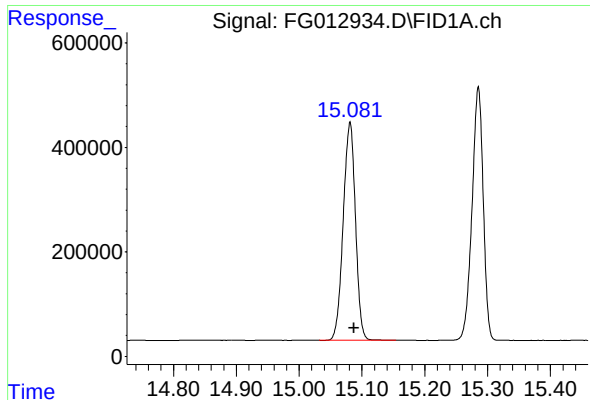
#7 N-EICOSANE

R.T.: 12.978 min
Delta R.T.: -0.008 min
Response: 6281035
Conc: 48.33 ug/ml



#8 N-DOCOSANE

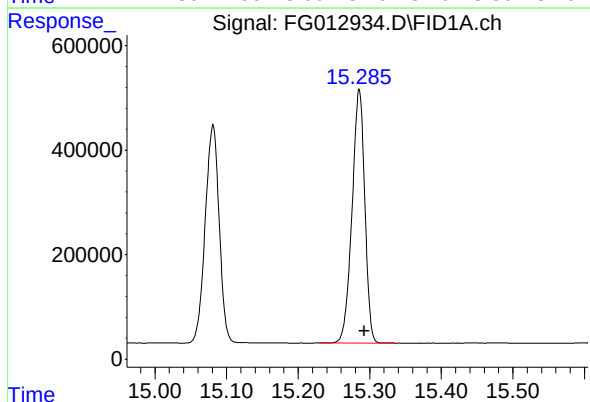
R.T.: 14.180 min
Delta R.T.: -0.007 min
Response: 6064975
Conc: 48.23 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

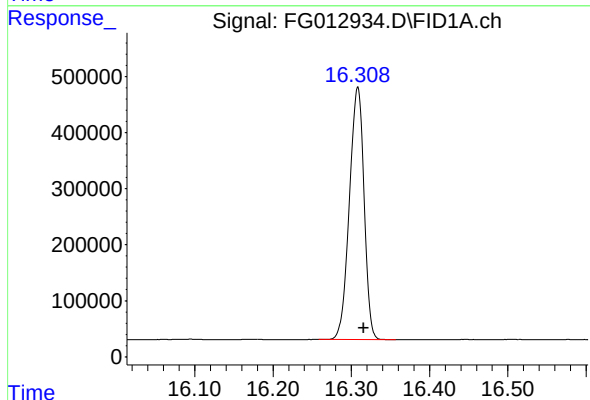
R.T.: 15.081 min
Delta R.T.: -0.006 min
Response: 5665190
Conc: 50.68 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



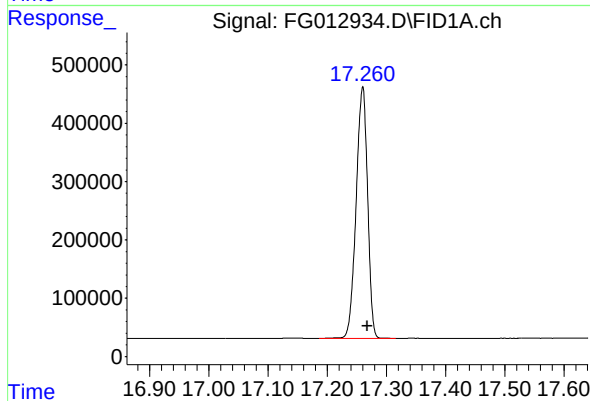
#10 N-TETRACOSANE

R.T.: 15.285 min
Delta R.T.: -0.007 min
Response: 5996748
Conc: 48.36 ug/ml



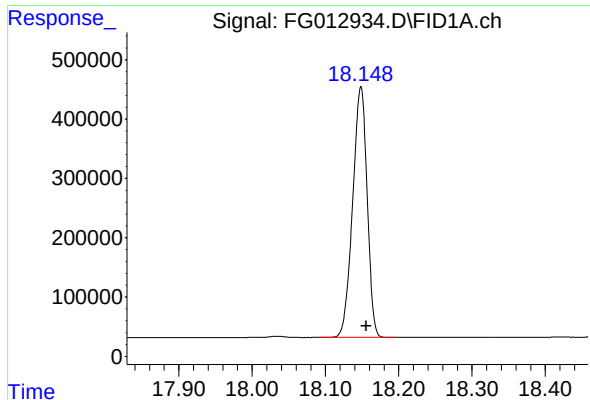
#11 N-HEXACOSANE

R.T.: 16.308 min
Delta R.T.: -0.007 min
Response: 5841137
Conc: 48.62 ug/ml



#12 N-OCTACOSANE

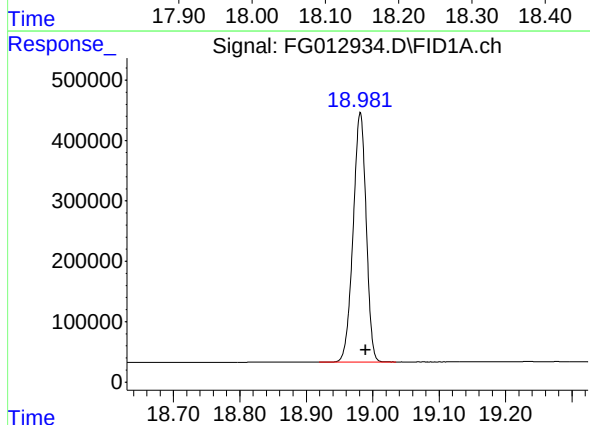
R.T.: 17.260 min
Delta R.T.: -0.008 min
Response: 5794964
Conc: 49.47 ug/ml



#13 N-TRIACONTANE

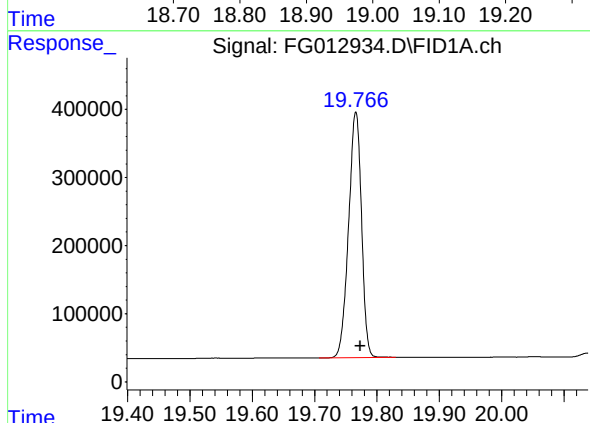
R.T.: 18.149 min
Delta R.T.: -0.008 min
Response: 5789080
Conc: 51.16 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



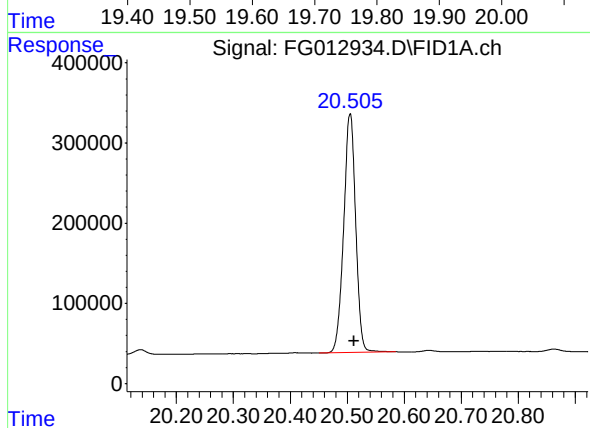
#14 N-DOTRIACONTANE

R.T.: 18.981 min
Delta R.T.: -0.008 min
Response: 5631884
Conc: 54.06 ug/ml



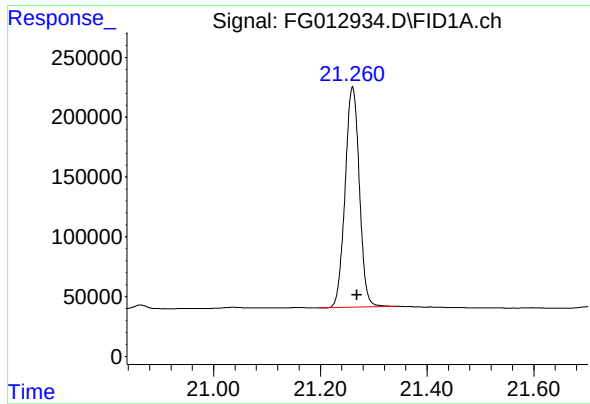
#15 N-TETRATRIACONTANE

R.T.: 19.766 min
Delta R.T.: -0.007 min
Response: 5177625
Conc: 56.01 ug/ml



#16 N-HEXATRIACONTANE

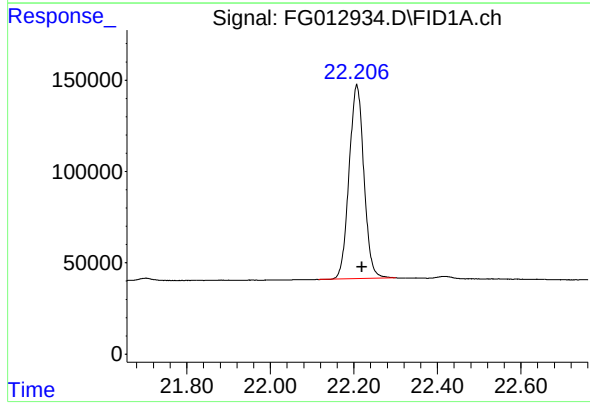
R.T.: 20.505 min
Delta R.T.: -0.007 min
Response: 4361708
Conc: 53.82 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.260 min
Delta R.T.: -0.008 min
Response: 3423015
Conc: 44.82 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.207 min
Delta R.T.: -0.012 min
Response: 2613216
Conc: 33.60 ug/ml