

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092722\
 Data File : FG010697.D
 Signal(s) : FID1A.ch
 Acq On : 27 Sep 2022 15:09
 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 28 02:03:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092622.M
 Quant Title :
 QLast Update : Mon Sep 26 16:36:10 2022
 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...	14.775	5356964	45.232 ug/ml
Target Compounds			
1) N-OCTANE	1.786	5908174	46.782 ug/ml
2) N-DECANE	4.291	6115030	48.032 ug/ml
3) N-DODECANE	6.473	6203372	48.196 ug/ml
4) N-TETRADECANE	8.304	6217104	47.889 ug/ml
5) N-HEXADECANE	9.913	6341704	47.458 ug/ml
6) N-OCTADECANE	11.358	6372108	46.902 ug/ml
7) N-EICOSANE	12.670	6350526	46.452 ug/ml
8) N-DOCOSANE	13.872	6143883	45.524 ug/ml
10) N-TETRACOSANE	14.979	6110759	44.923 ug/ml
11) N-HEXACOSANE	16.001	5918333	43.769 ug/ml
12) N-OCTACOSANE	16.954	5801616	43.325 ug/ml
13) N-TRIACONTANE	17.845	5758452	43.255 ug/ml
14) N-DOTRIACONTANE	18.680	5975547	45.250 ug/ml
15) N-TETRATRIACONTANE	19.466	6036696	45.851 ug/ml
16) N-HEXATRIACONTANE	20.209	5999219	47.253 ug/ml
17) N-OCTATRIACONTANE	20.925	6946673	54.922 ug/ml
18) N-TETRACONTANE	21.691	306819	2.317 ug/ml

(f)=RT Delta > 1/2 Window

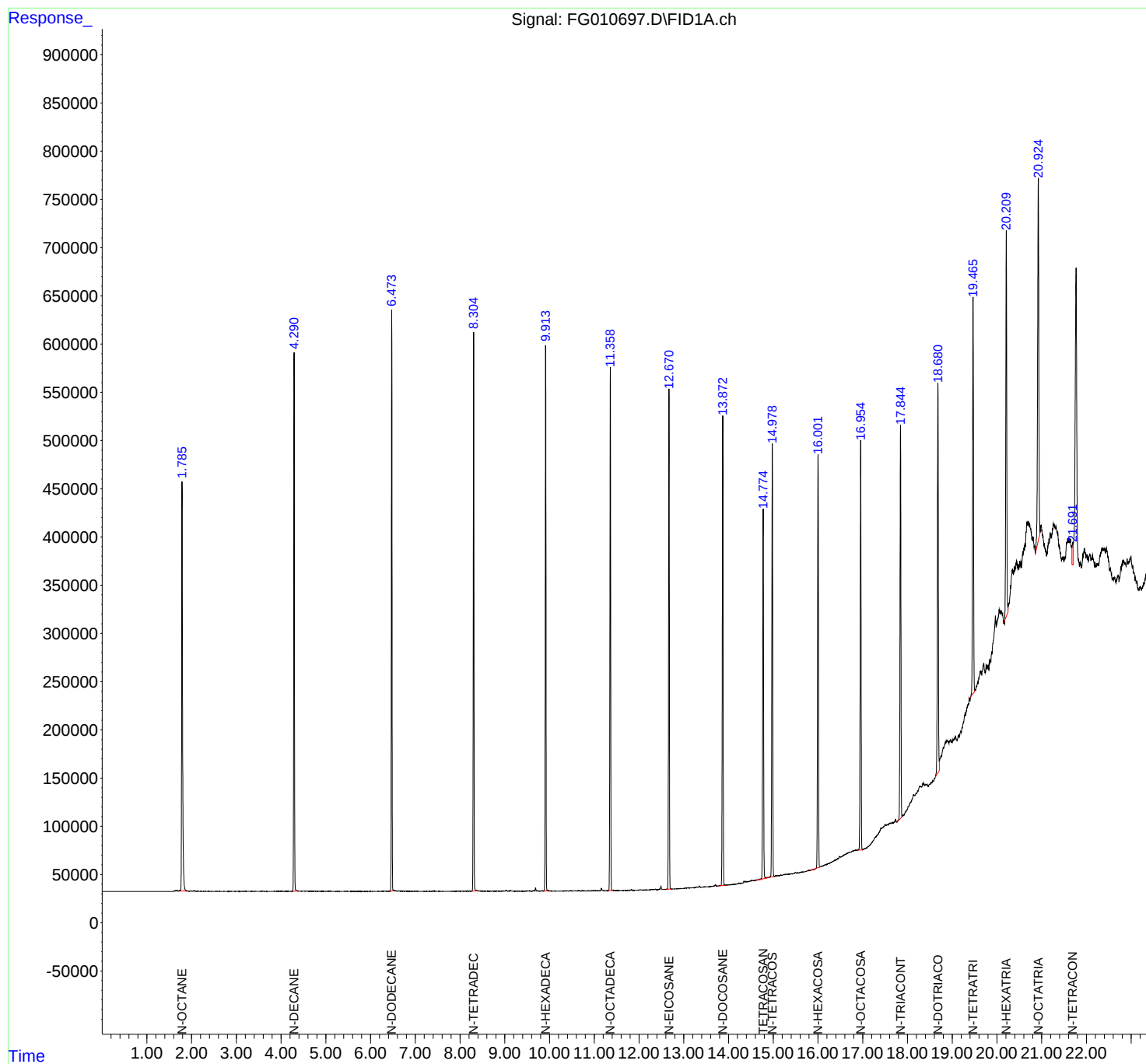
(m)=manual int.

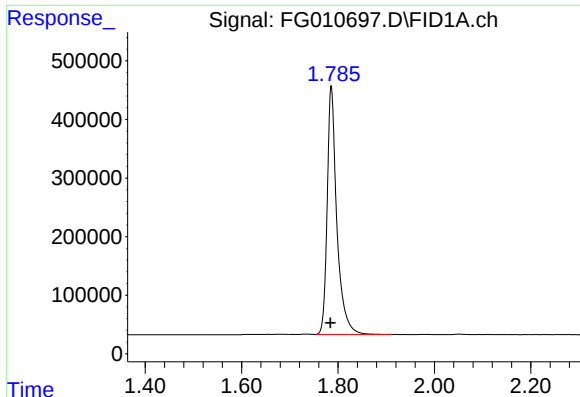
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Signal Info : 20mx0.18mmx0.18um

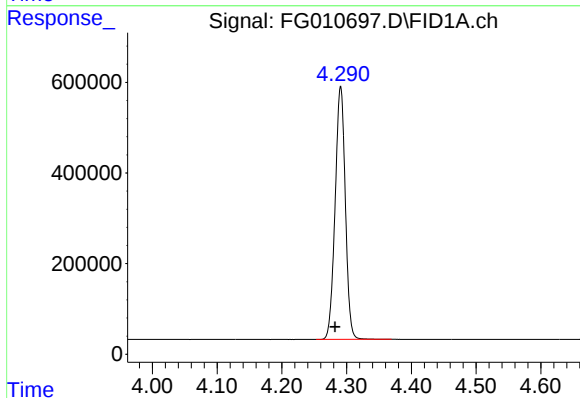




#1 N-OCTANE

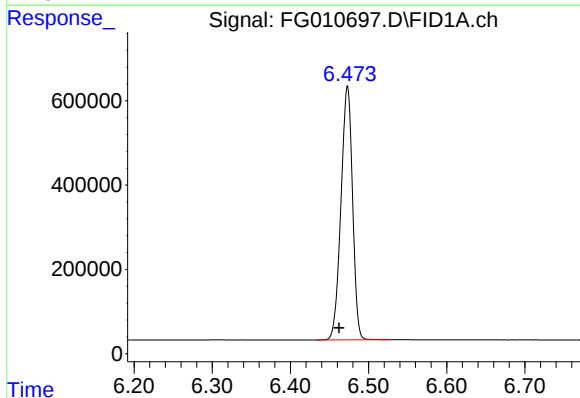
R.T.: 1.786 min
Delta R.T.: 0.002 min
Response: 5908174
Conc: 46.78 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



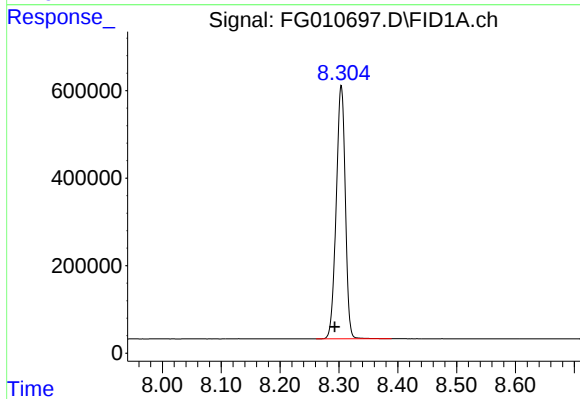
#2 N-DECANE

R.T.: 4.291 min
Delta R.T.: 0.008 min
Response: 6115030
Conc: 48.03 ug/ml



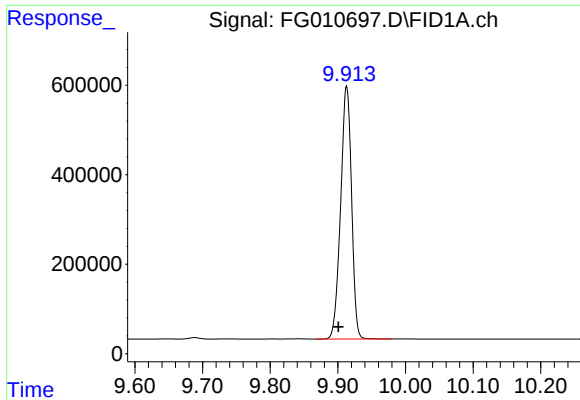
#3 N-DODECANE

R.T.: 6.473 min
Delta R.T.: 0.011 min
Response: 6203372
Conc: 48.20 ug/ml



#4 N-TETRADECANE

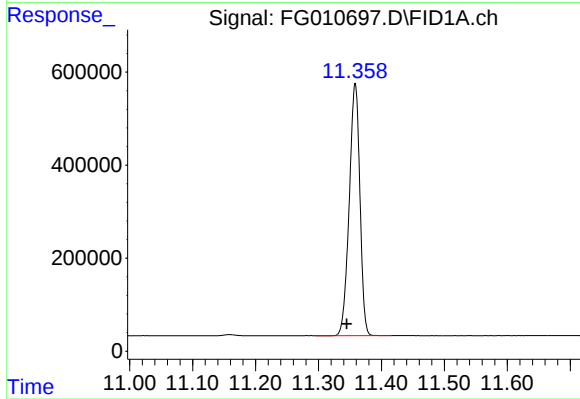
R.T.: 8.304 min
Delta R.T.: 0.011 min
Response: 6217104
Conc: 47.89 ug/ml



#5 N-HEXADECANE

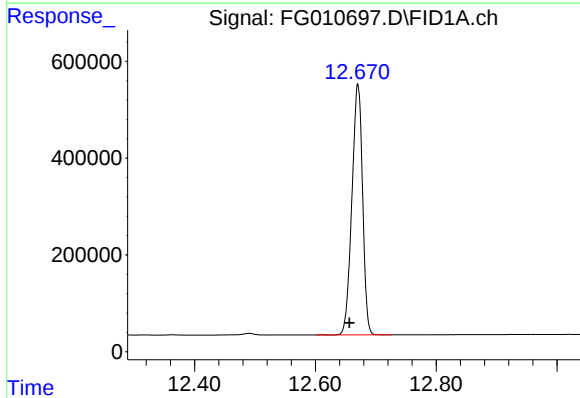
R.T.: 9.913 min
Delta R.T.: 0.012 min
Response: 6341704
Conc: 47.46 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



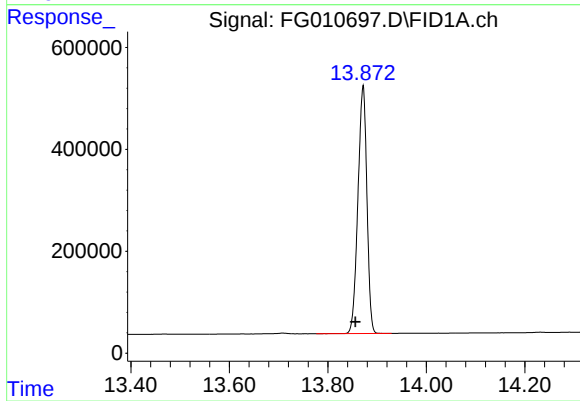
#6 N-OCTADECANE

R.T.: 11.358 min
Delta R.T.: 0.014 min
Response: 6372108
Conc: 46.90 ug/ml



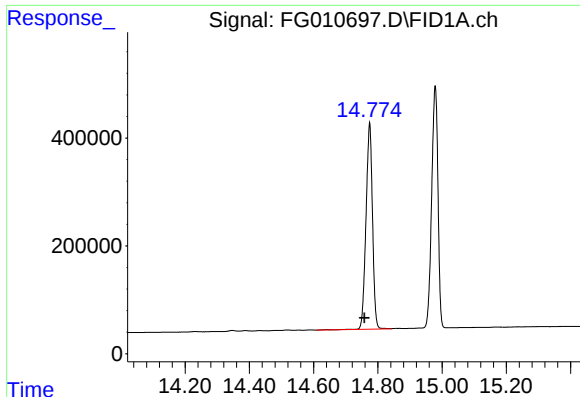
#7 N-EICOSANE

R.T.: 12.670 min
Delta R.T.: 0.014 min
Response: 6350526
Conc: 46.45 ug/ml



#8 N-DOCOSANE

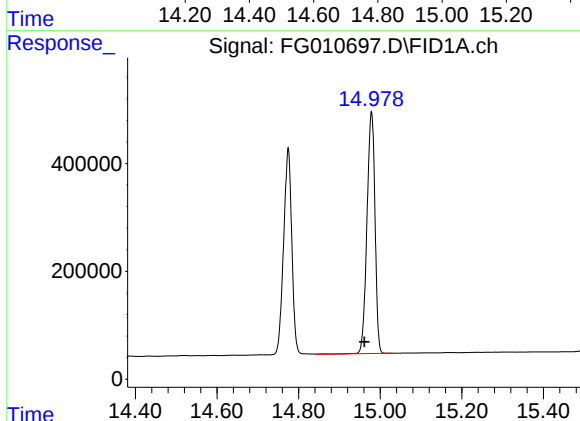
R.T.: 13.872 min
Delta R.T.: 0.016 min
Response: 6143883
Conc: 45.52 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

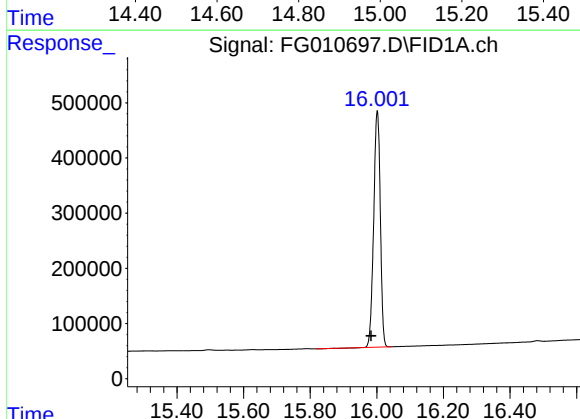
R.T.: 14.775 min
Delta R.T.: 0.017 min
Response: 5356964
Conc: 45.23 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



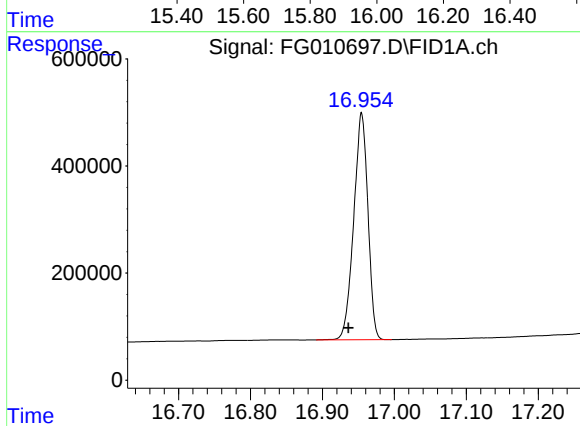
#10 N-TETRACOSANE

R.T.: 14.979 min
Delta R.T.: 0.017 min
Response: 6110759
Conc: 44.92 ug/ml



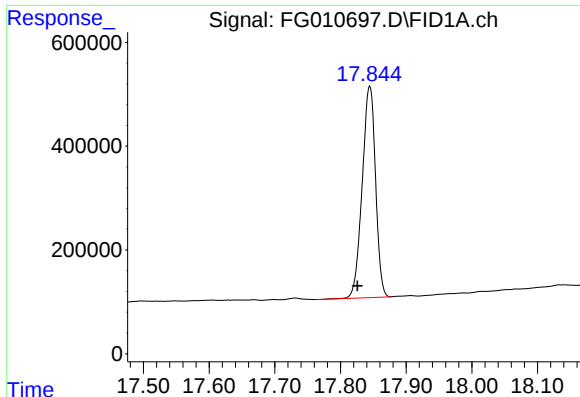
#11 N-HEXACOSANE

R.T.: 16.001 min
Delta R.T.: 0.018 min
Response: 5918333
Conc: 43.77 ug/ml



#12 N-OCTACOSANE

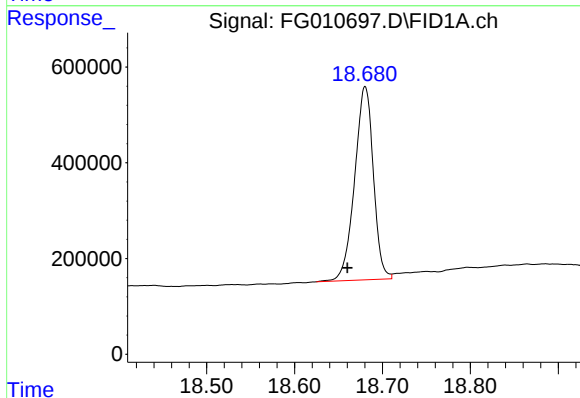
R.T.: 16.954 min
Delta R.T.: 0.019 min
Response: 5801616
Conc: 43.33 ug/ml



#13 N-TRIACONTANE

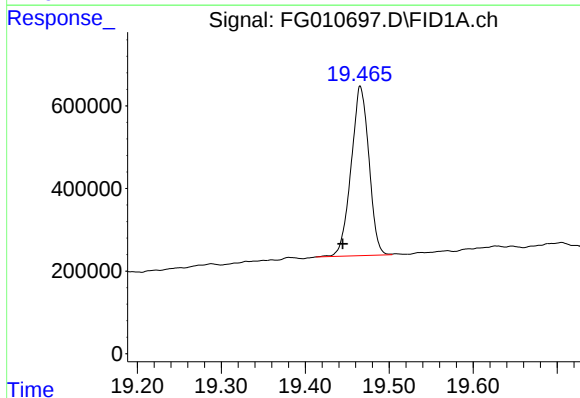
R.T.: 17.845 min
Delta R.T.: 0.019 min
Response: 5758452
Conc: 43.26 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



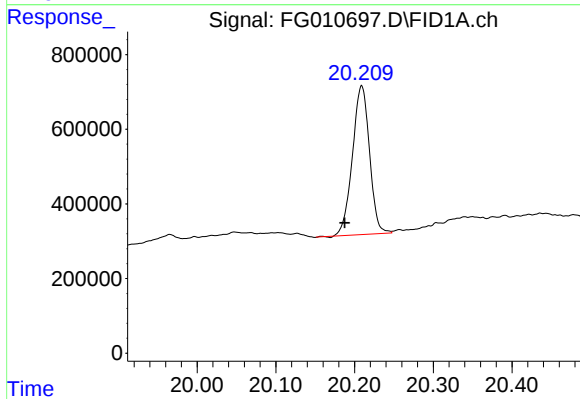
#14 N-DOTRIACONTANE

R.T.: 18.680 min
Delta R.T.: 0.020 min
Response: 5975547
Conc: 45.25 ug/ml



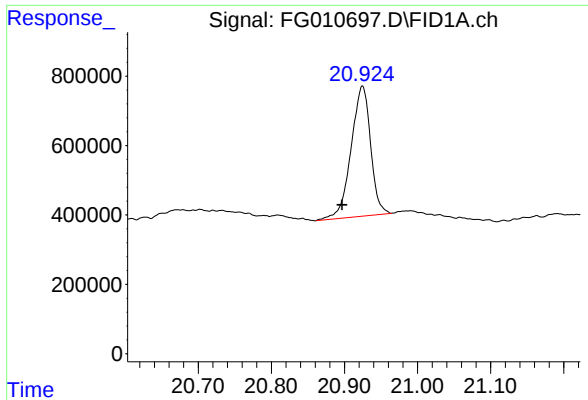
#15 N-TETRATRIACONTANE

R.T.: 19.466 min
Delta R.T.: 0.021 min
Response: 6036696
Conc: 45.85 ug/ml



#16 N-HEXATRIACONTANE

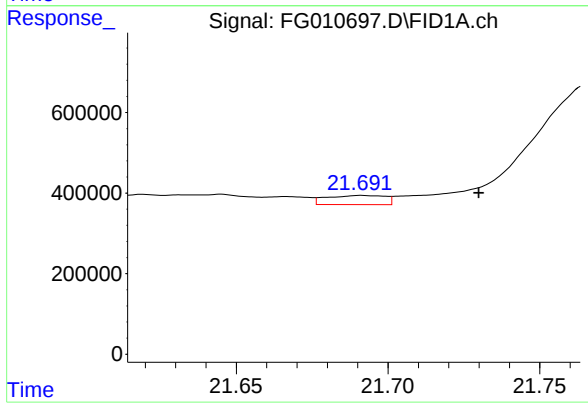
R.T.: 20.209 min
Delta R.T.: 0.022 min
Response: 5999219
Conc: 47.25 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.925 min
Delta R.T.: 0.028 min
Response: 6946673
Conc: 54.92 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.691 min
Delta R.T.: -0.039 min
Response: 306819
Conc: 2.32 ug/ml