

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081423\
 Data File : FG012705.D
 Signal(s) : FID1A.ch
 Acq On : 14 Aug 2023 15:00
 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: Aug 15 09:00:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M
 Quant Title :
 QLast Update : Wed Aug 02 18:57:31 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...	15.084	6017937	53.796 ug/ml
Target Compounds			
1) N-OCTANE	2.077	6785725	55.115 ug/ml
2) N-DECANE	4.598	7195785	56.643 ug/ml
3) N-DODECANE	6.773	7274209	56.632 ug/ml
4) N-TETRADECANE	8.606	7284156	56.545 ug/ml
5) N-HEXADECANE	10.219	7301263	56.280 ug/ml
6) N-OCTADECANE	11.668	7325148	55.849 ug/ml
7) N-EICOSANE	12.981	7155326	55.632 ug/ml
8) N-DOCOSANE	14.183	6953083	54.976 ug/ml
10) N-TETRACOSANE	15.289	6849669	54.162 ug/ml
11) N-HEXACOSANE	16.312	6663602	53.234 ug/ml
12) N-OCTACOSANE	17.263	6460464	52.566 ug/ml
13) N-TRIACONTANE	18.152	6127703	51.740 ug/ml
14) N-DOTRIACONTANE	18.986	5500698	48.981 ug/ml
15) N-TETRATRIACONTANE	19.769	4753724	50.185 ug/ml
16) N-HEXATRIACONTANE	20.508	4010415	49.420 ug/ml
17) N-OCTATRIACONTANE	21.265	3580117	49.576 ug/ml
18) N-TETRACONTANE	22.216	3400050	48.797 ug/ml

(f)=RT Delta > 1/2 Window

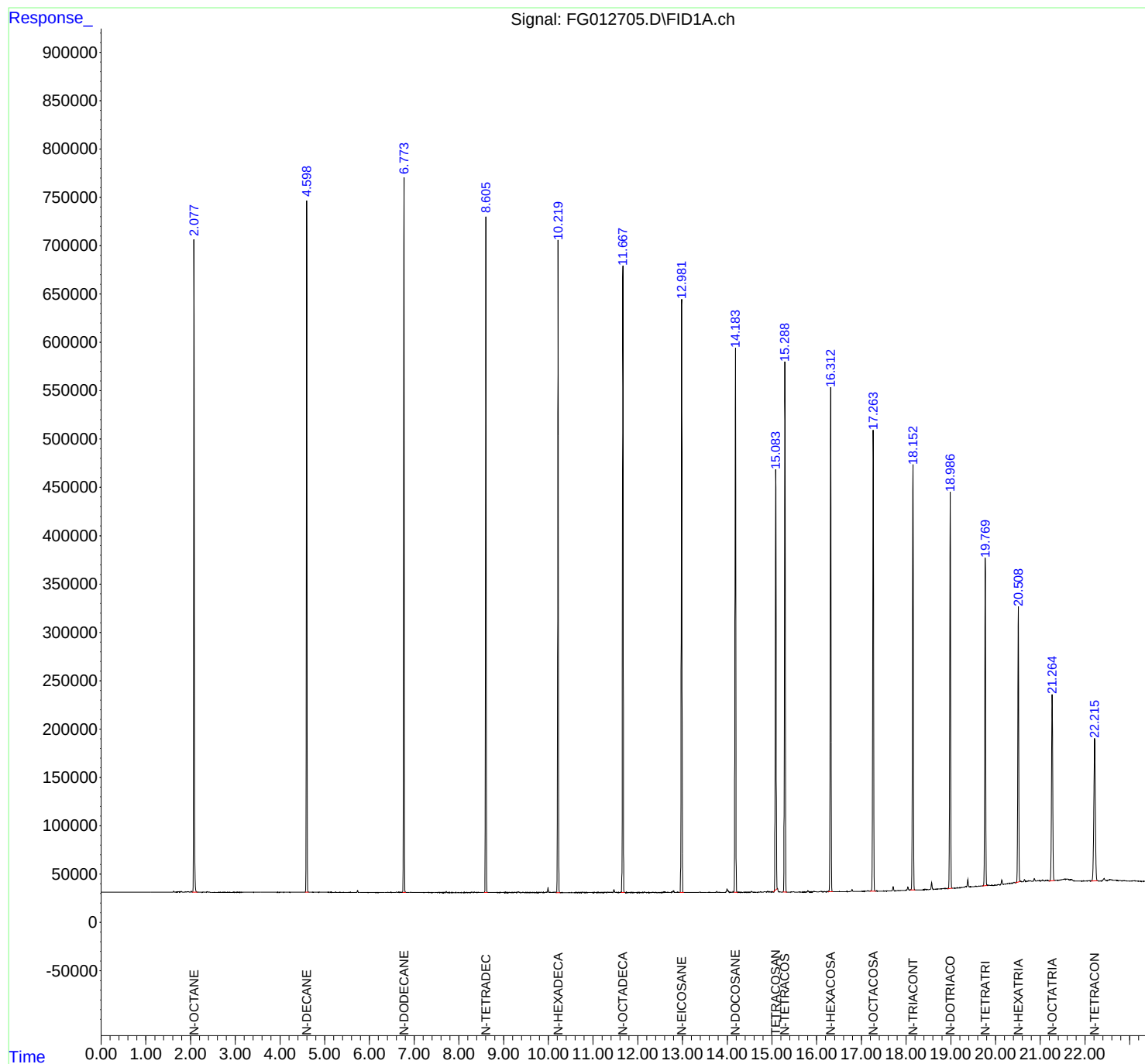
(m)=manual int.

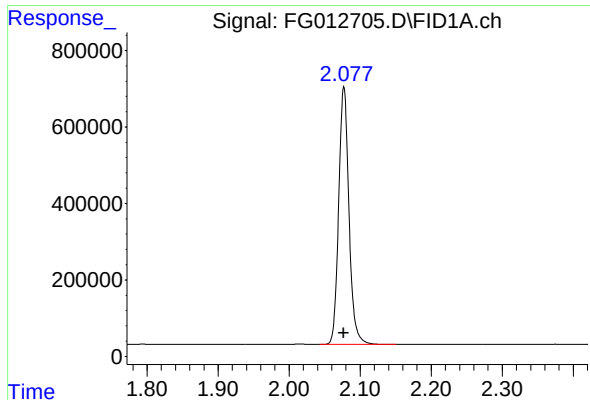
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

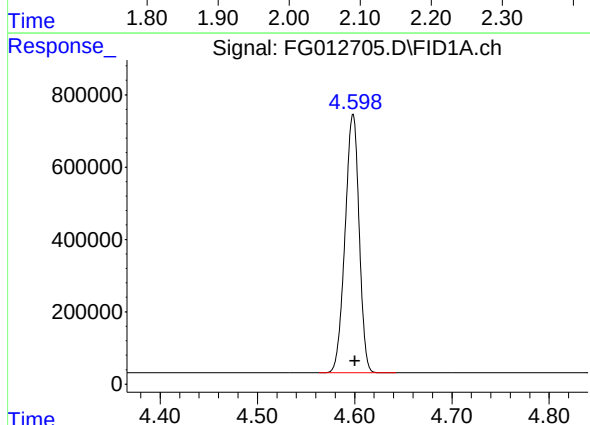




#1 N-OCTANE

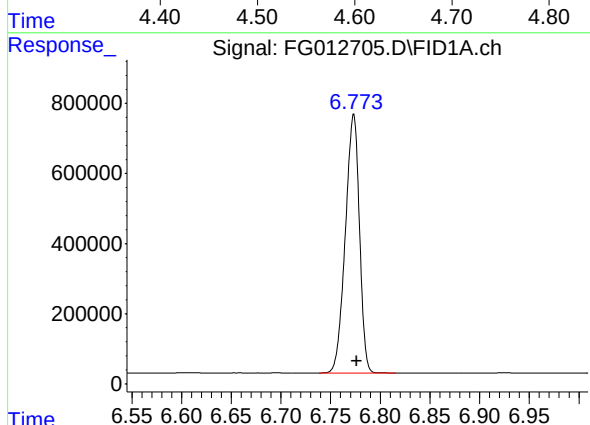
R.T.: 2.077 min
Delta R.T.: 0.000 min
Response: 6785725
Conc: 55.11 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



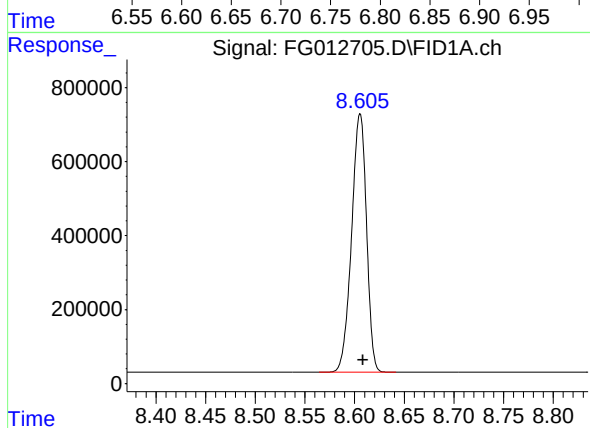
#2 N-DECANE

R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 7195785
Conc: 56.64 ug/ml



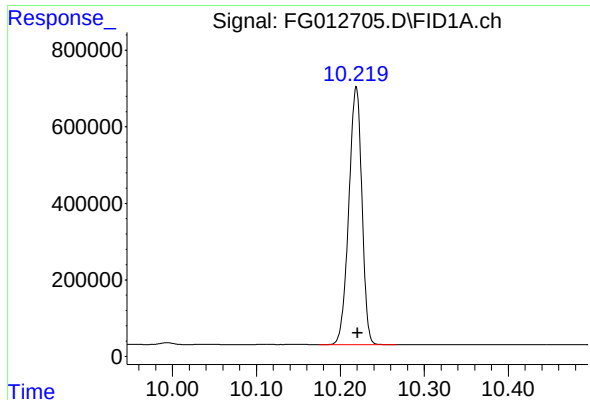
#3 N-DODECANE

R.T.: 6.773 min
Delta R.T.: -0.003 min
Response: 7274209
Conc: 56.63 ug/ml



#4 N-TETRADECANE

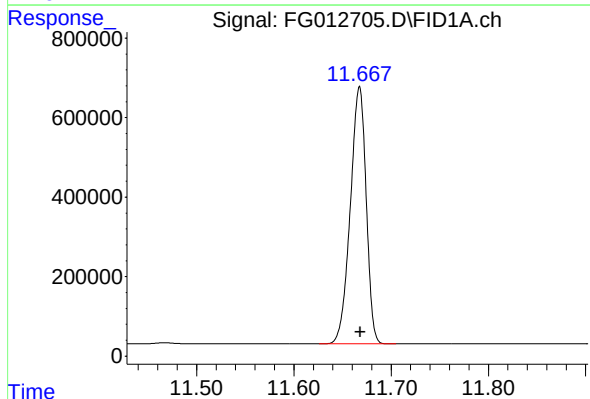
R.T.: 8.606 min
Delta R.T.: -0.003 min
Response: 7284156
Conc: 56.54 ug/ml



#5 N-HEXADECANE

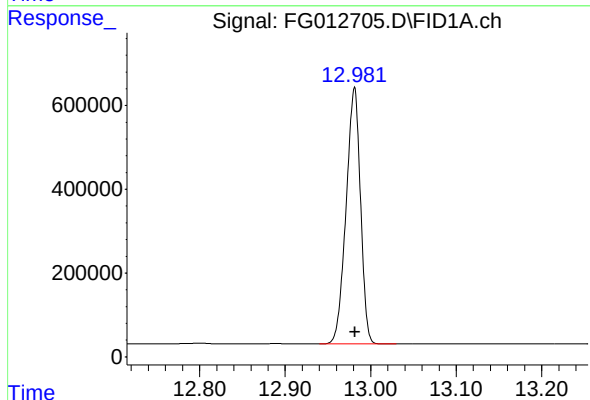
R.T.: 10.219 min
Delta R.T.: -0.002 min
Response: 7301263
Conc: 56.28 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



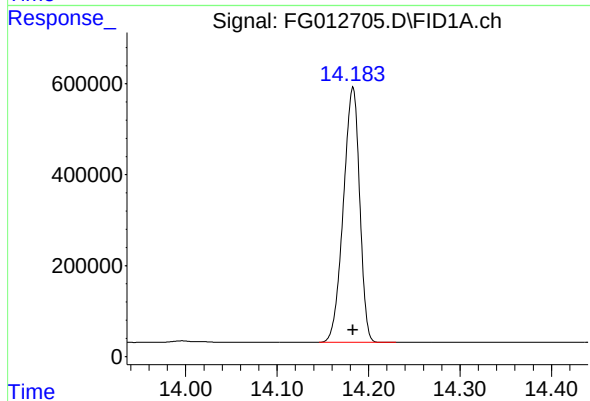
#6 N-OCTADECANE

R.T.: 11.668 min
Delta R.T.: 0.000 min
Response: 7325148
Conc: 55.85 ug/ml



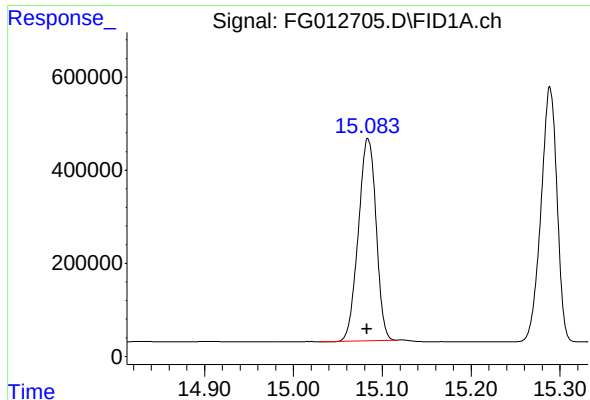
#7 N-EICOSANE

R.T.: 12.981 min
Delta R.T.: 0.000 min
Response: 7155326
Conc: 55.63 ug/ml



#8 N-DOCOSANE

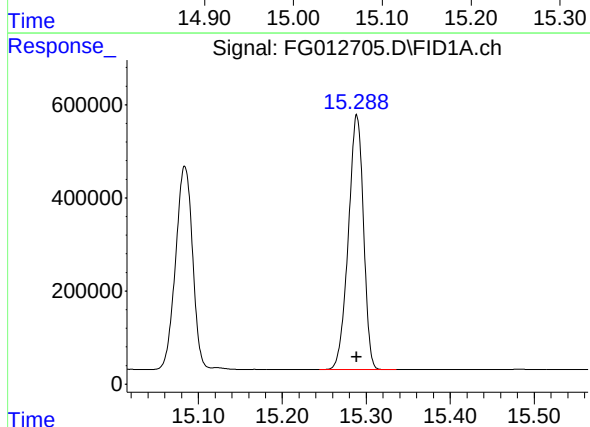
R.T.: 14.183 min
Delta R.T.: 0.000 min
Response: 6953083
Conc: 54.98 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

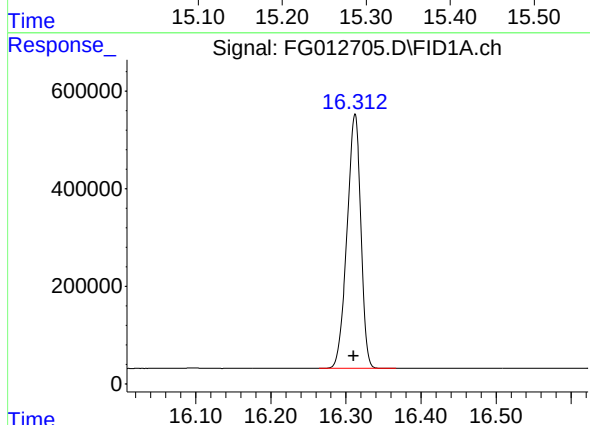
R.T.: 15.084 min
Delta R.T.: 0.001 min
Response: 6017937
Conc: 53.80 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



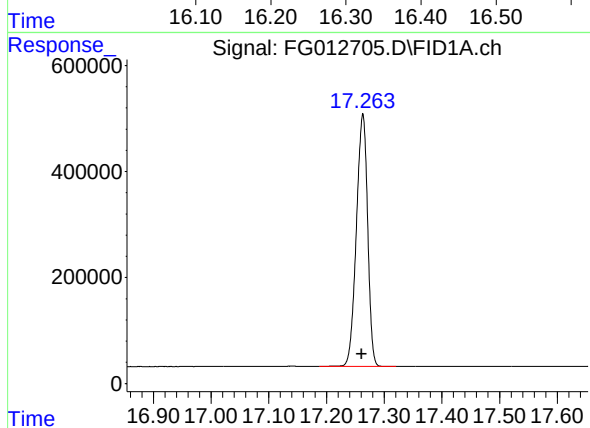
#10 N-TETRACOSANE

R.T.: 15.289 min
Delta R.T.: 0.000 min
Response: 6849669
Conc: 54.16 ug/ml



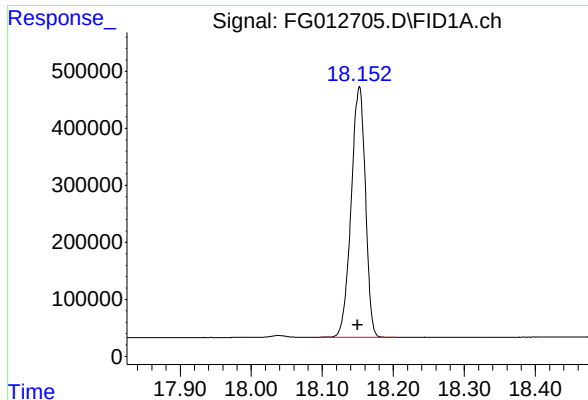
#11 N-HEXACOSANE

R.T.: 16.312 min
Delta R.T.: 0.002 min
Response: 6663602
Conc: 53.23 ug/ml



#12 N-OCTACOSANE

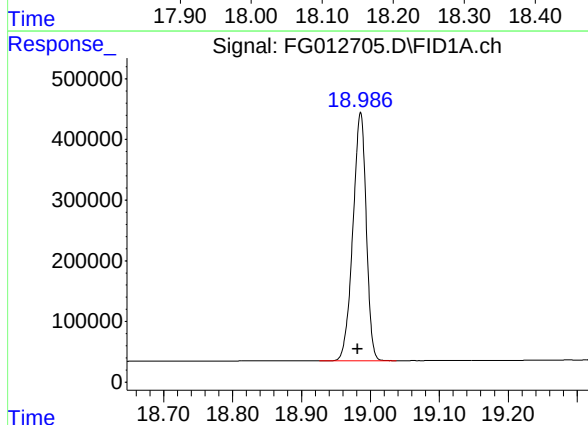
R.T.: 17.263 min
Delta R.T.: 0.002 min
Response: 6460464
Conc: 52.57 ug/ml



#13 N-TRIACONTANE

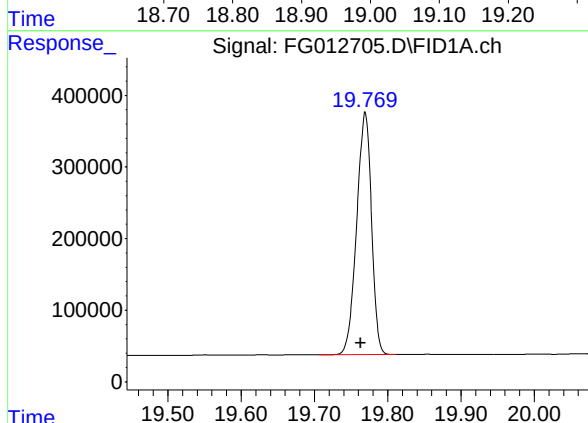
R.T.: 18.152 min
Delta R.T.: 0.002 min
Response: 6127703
Conc: 51.74 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



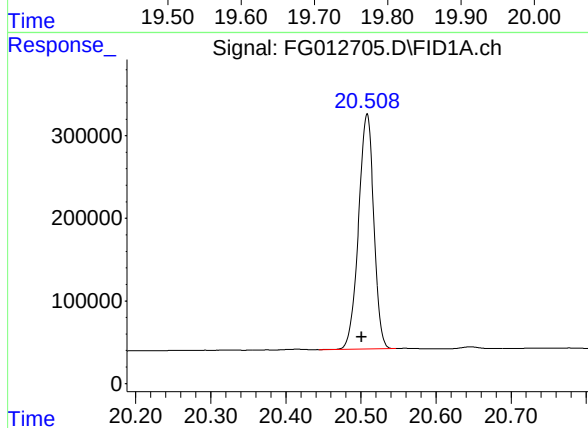
#14 N-DOTRIACONTANE

R.T.: 18.986 min
Delta R.T.: 0.004 min
Response: 5500698
Conc: 48.98 ug/ml



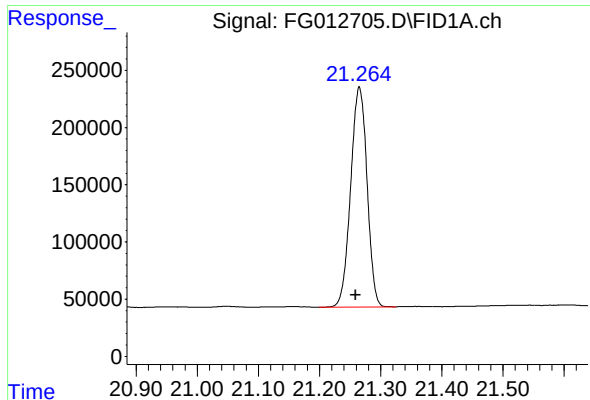
#15 N-TETRATRIACONTANE

R.T.: 19.769 min
Delta R.T.: 0.006 min
Response: 4753724
Conc: 50.19 ug/ml



#16 N-HEXATRIACONTANE

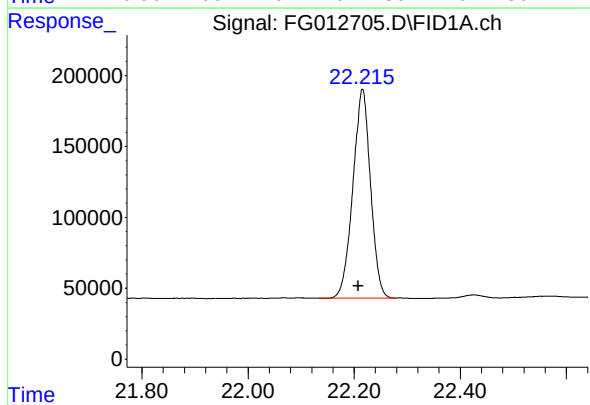
R.T.: 20.508 min
Delta R.T.: 0.007 min
Response: 4010415
Conc: 49.42 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.265 min
Delta R.T.: 0.006 min
Response: 3580117
Conc: 49.58 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.216 min
Delta R.T.: 0.007 min
Response: 3400050
Conc: 48.80 ug/ml