

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082823\
 Data File : FG012786.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2023 09:29
 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 29 04:12:42 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...	15.085	6200990	55.432 ug/ml
Target Compounds			
1) N-OCTANE	2.081	7267909	59.031 ug/ml
2) N-DECANE	4.601	7616424	59.954 ug/ml
3) N-DODECANE	6.775	7643174	59.505 ug/ml
4) N-TETRADECANE	8.608	7592267	58.937 ug/ml
5) N-HEXADECANE	10.221	7570153	58.353 ug/ml
6) N-OCTADECANE	11.669	7562767	57.661 ug/ml
7) N-EICOSANE	12.982	7338840	57.059 ug/ml
8) N-DOCOSANE	14.184	7085102	56.020 ug/ml
10) N-TETRACOSANE	15.291	6965937	55.081 ug/ml
11) N-HEXACOSANE	16.313	6776685	54.137 ug/ml
12) N-OCTACOSANE	17.265	6603385	53.728 ug/ml
13) N-TRIACONTANE	18.153	6320944	53.372 ug/ml
14) N-DOTRIACONTANE	18.986	5719827	50.932 ug/ml
15) N-TETRATRIACONTANE	19.771	4977873	52.552 ug/ml
16) N-HEXATRIACONTANE	20.510	4251475	52.391 ug/ml
17) N-OCTATRIACONTANE	21.267	3817058	52.857 ug/ml
18) N-TETRACONTANE	22.215	3742633	53.713 ug/ml

(f)=RT Delta > 1/2 Window

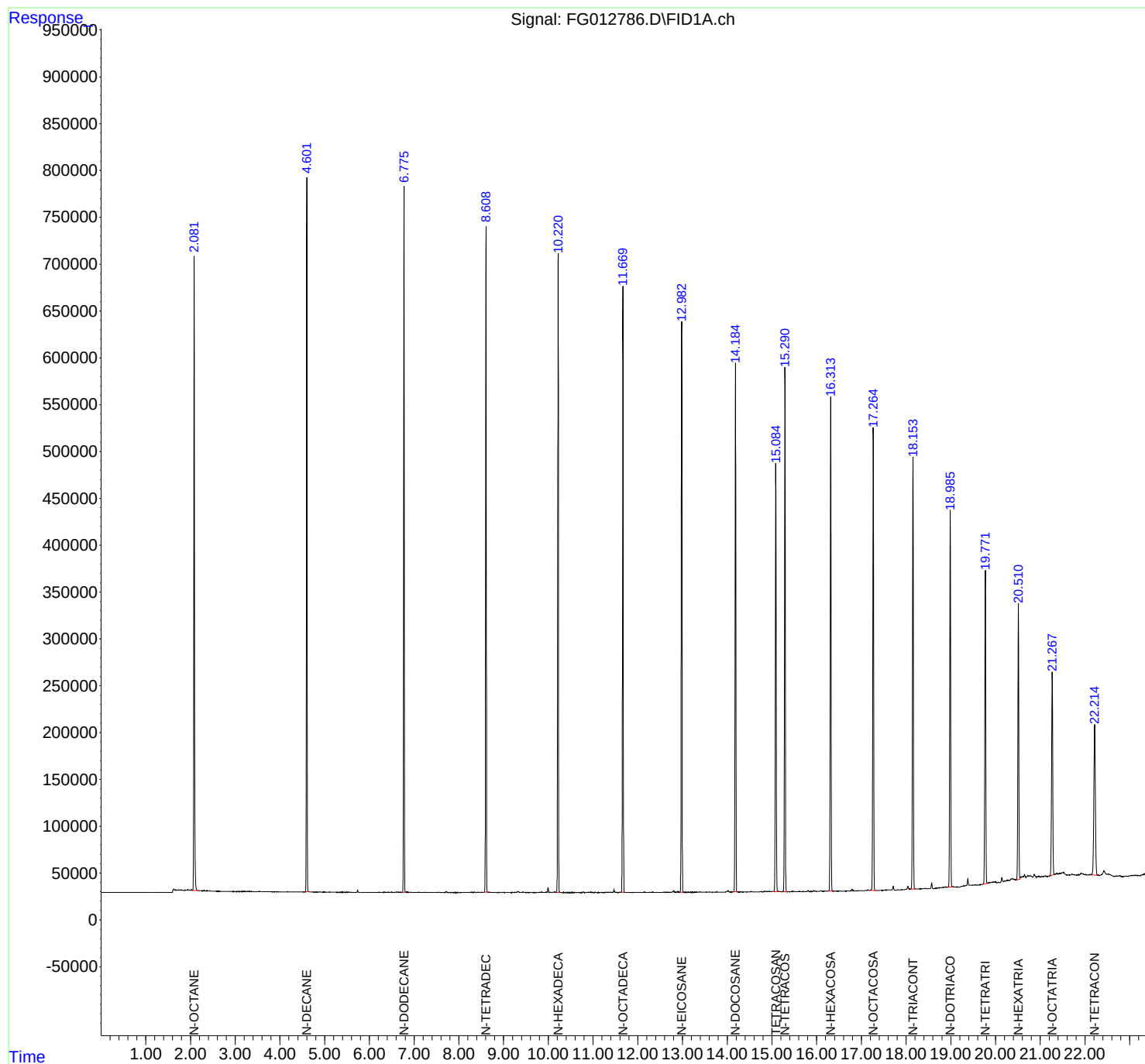
(m)=manual int.

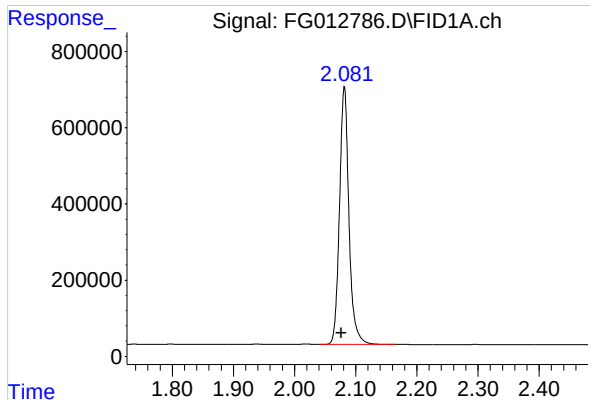
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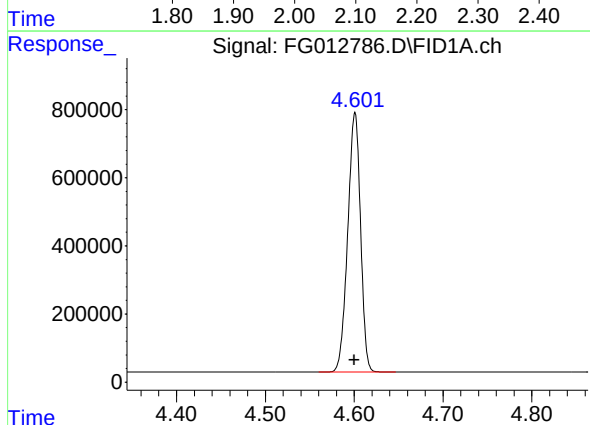




#1 N-OCTANE

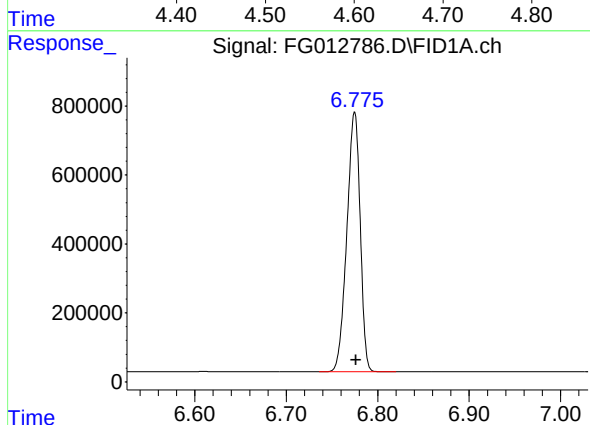
R.T.: 2.081 min
Delta R.T.: 0.004 min
Response: 7267909
Conc: 59.03 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



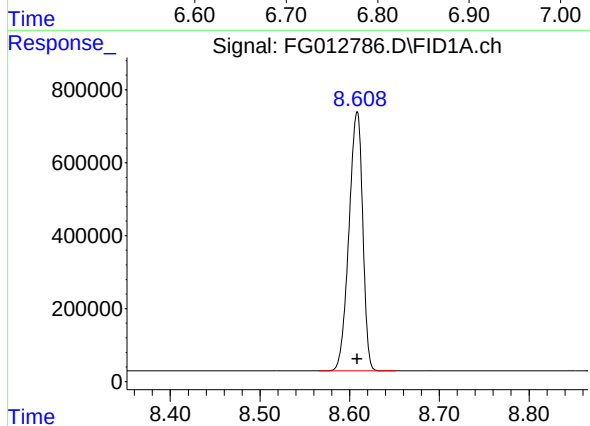
#2 N-DECANE

R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 7616424
Conc: 59.95 ug/ml



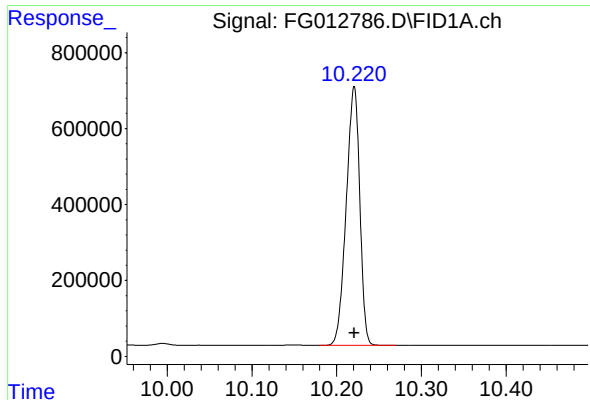
#3 N-DODECANE

R.T.: 6.775 min
Delta R.T.: -0.001 min
Response: 7643174
Conc: 59.50 ug/ml



#4 N-TETRADECANE

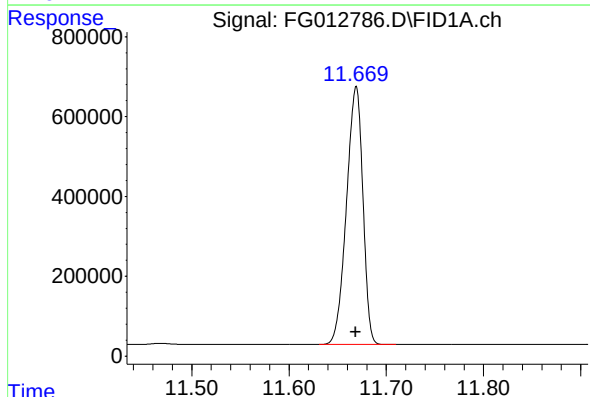
R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 7592267
Conc: 58.94 ug/ml



#5 N-HEXADECANE

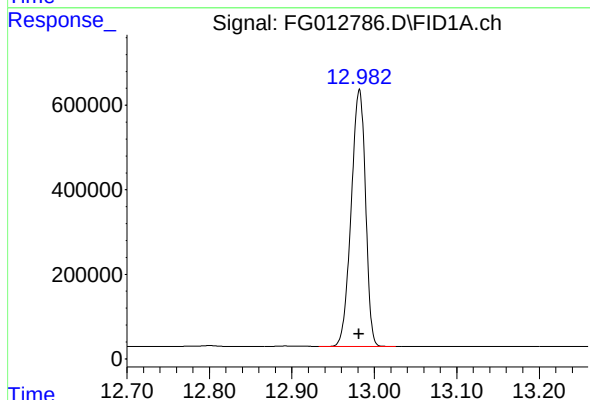
R.T.: 10.221 min
Delta R.T.: 0.000 min
Response: 7570153
Conc: 58.35 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



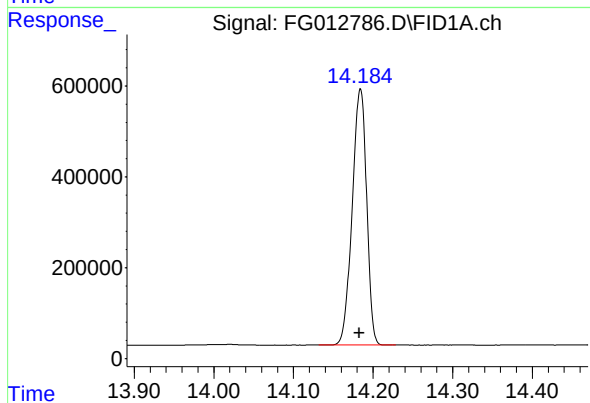
#6 N-OCTADECANE

R.T.: 11.669 min
Delta R.T.: 0.000 min
Response: 7562767
Conc: 57.66 ug/ml



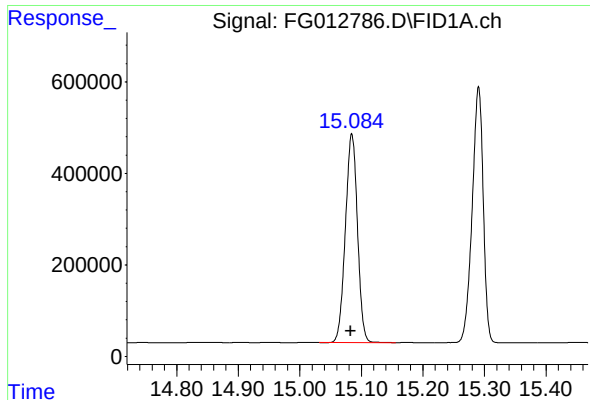
#7 N-EICOSANE

R.T.: 12.982 min
Delta R.T.: 0.000 min
Response: 7338840
Conc: 57.06 ug/ml



#8 N-DOCOSANE

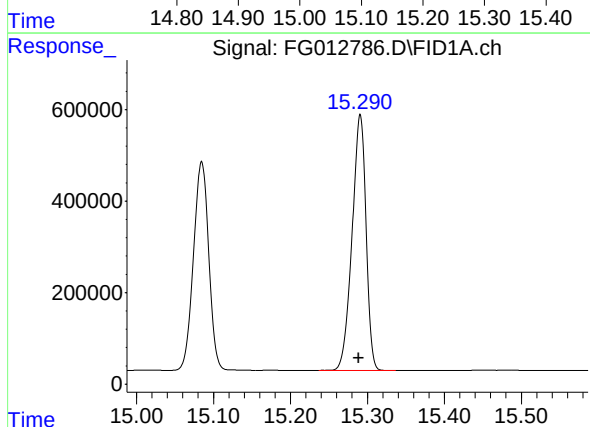
R.T.: 14.184 min
Delta R.T.: 0.001 min
Response: 7085102
Conc: 56.02 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

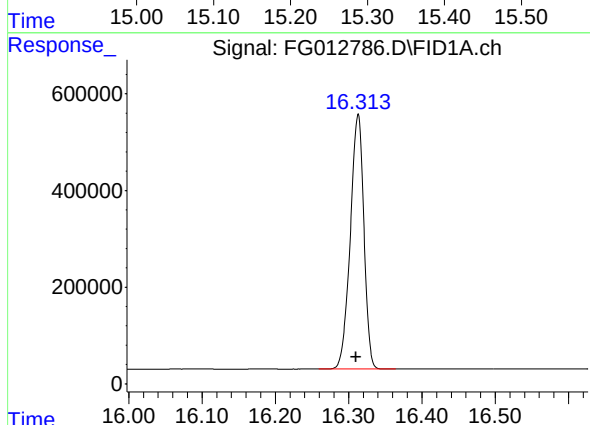
R.T.: 15.085 min
Delta R.T.: 0.002 min
Response: 6200990
Conc: 55.43 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



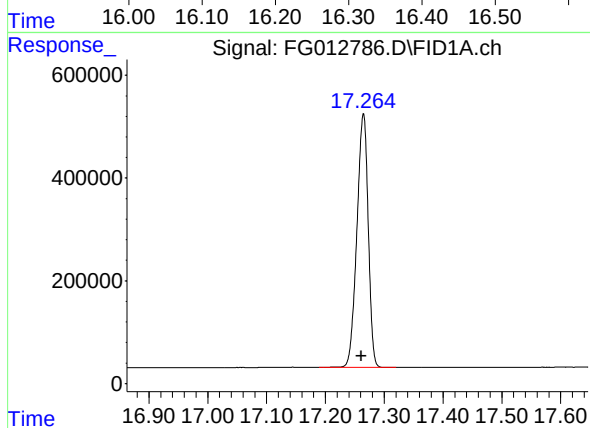
#10 N-TETRACOSANE

R.T.: 15.291 min
Delta R.T.: 0.002 min
Response: 6965937
Conc: 55.08 ug/ml



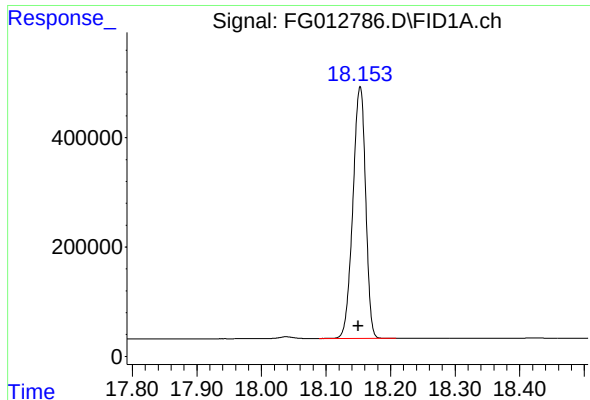
#11 N-HEXACOSANE

R.T.: 16.313 min
Delta R.T.: 0.003 min
Response: 6776685
Conc: 54.14 ug/ml



#12 N-OCTACOSANE

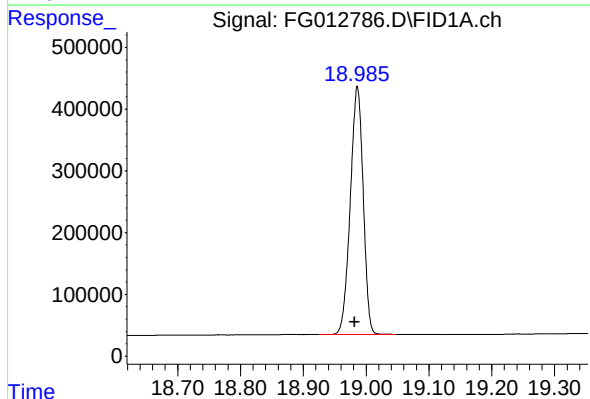
R.T.: 17.265 min
Delta R.T.: 0.004 min
Response: 6603385
Conc: 53.73 ug/ml



#13 N-TRIACONTANE

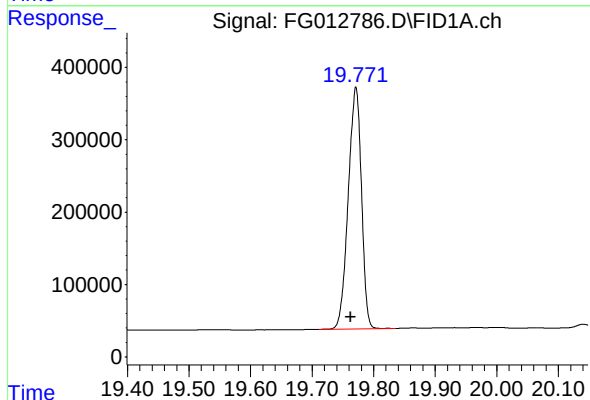
R.T.: 18.153 min
Delta R.T.: 0.003 min
Response: 6320944
Conc: 53.37 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



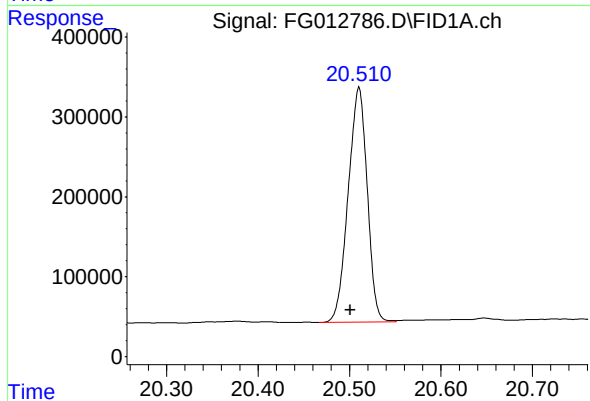
#14 N-DOTRIACONTANE

R.T.: 18.986 min
Delta R.T.: 0.005 min
Response: 5719827
Conc: 50.93 ug/ml



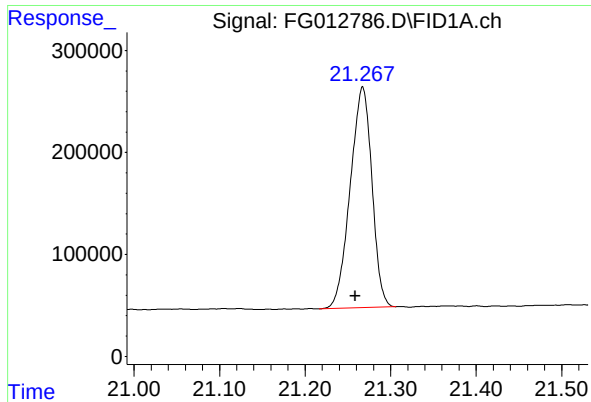
#15 N-TETRATRIACONTANE

R.T.: 19.771 min
Delta R.T.: 0.008 min
Response: 4977873
Conc: 52.55 ug/ml



#16 N-HEXATRIACONTANE

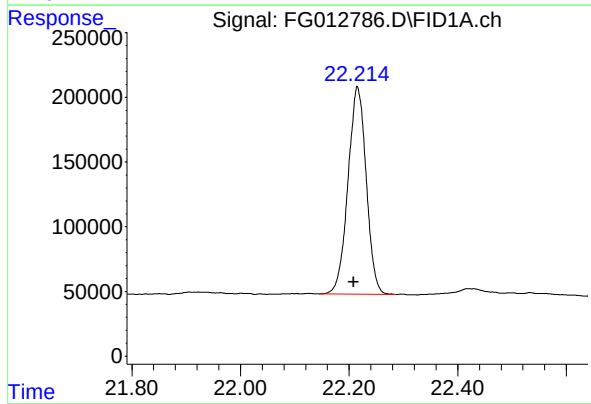
R.T.: 20.510 min
Delta R.T.: 0.009 min
Response: 4251475
Conc: 52.39 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.267 min
Delta R.T.: 0.009 min
Response: 3817058
Conc: 52.86 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.215 min
Delta R.T.: 0.007 min
Response: 3742633
Conc: 53.71 ug/ml