

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061423\
 Data File : FG012185.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jun 2023 19:27
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jun 15 02:12:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060223.M
 Quant Title :
 QLast Update : Thu Jun 01 17:30:11 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...	15.011	6979571	52.347 ug/ml
Target Compounds			
1) N-OCTANE	2.032	7171171	51.563 ug/ml
2) N-DECANE	4.542	8151076	55.320 ug/ml
3) N-DODECANE	6.712	8306983	55.342 ug/ml
4) N-TETRADECANE	8.542	8302951	55.418 ug/ml
5) N-HEXADECANE	10.152	8508908	54.383 ug/ml
6) N-OCTADECANE	11.597	8528213	53.626 ug/ml
7) N-EICOSANE	12.909	8421530	53.070 ug/ml
8) N-DOCOSANE	14.109	8041074	52.628 ug/ml
10) N-TETRACOSANE	15.215	7792307	52.166 ug/ml
11) N-HEXACOSANE	16.237	7448894	52.599 ug/ml
12) N-OCTACOSANE	17.189	7237034	53.460 ug/ml
13) N-TRIACONTANE	18.079	7211686	54.429 ug/ml
14) N-DOTRIACONTANE	18.912	7026067	55.043 ug/ml
15) N-TETRATRIACONTANE	19.698	6794495	55.821 ug/ml
16) N-HEXATRIACONTANE	20.440	6859882	55.973 ug/ml
17) N-OCTATRIACONTANE	21.183	6954191	54.505 ug/ml
18) N-TETRACONTANE	22.104	7259920	54.827 ug/ml

(f)=RT Delta > 1/2 Window

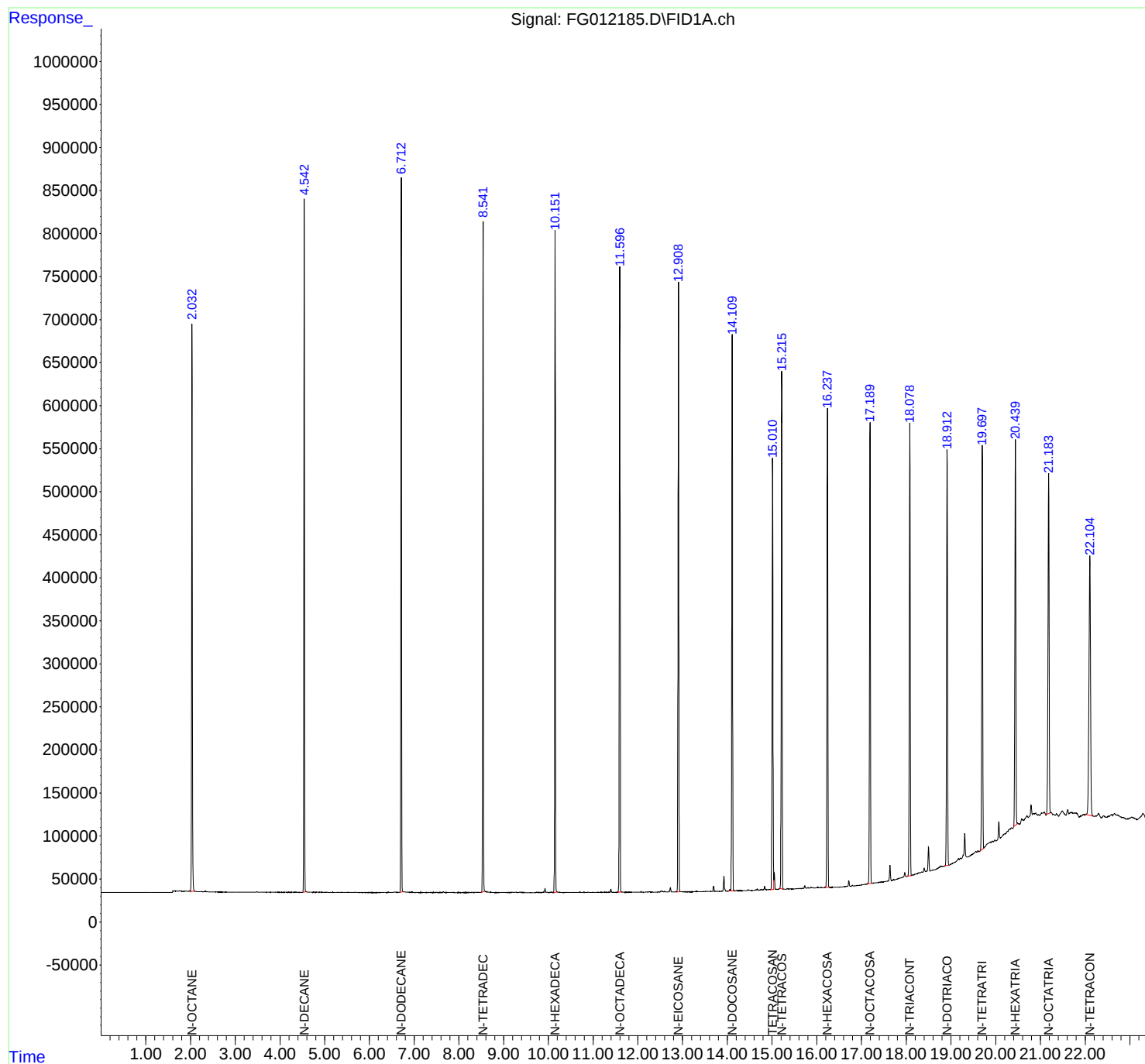
(m)=manual int.

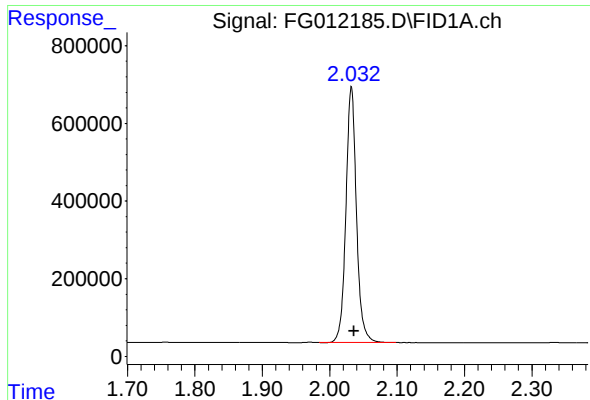
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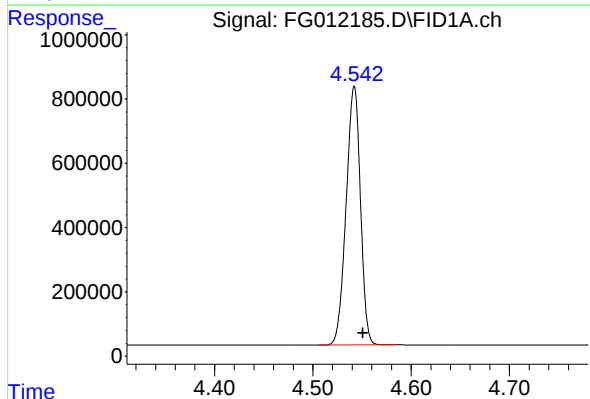




#1 N-OCTANE

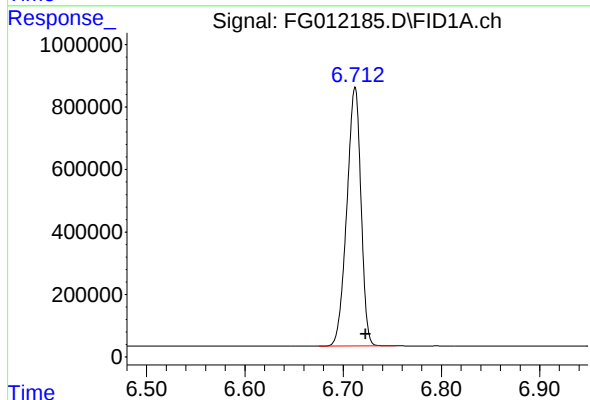
R.T.: 2.032 min
Delta R.T.: -0.004 min
Response: 7171171
Conc: 51.56 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



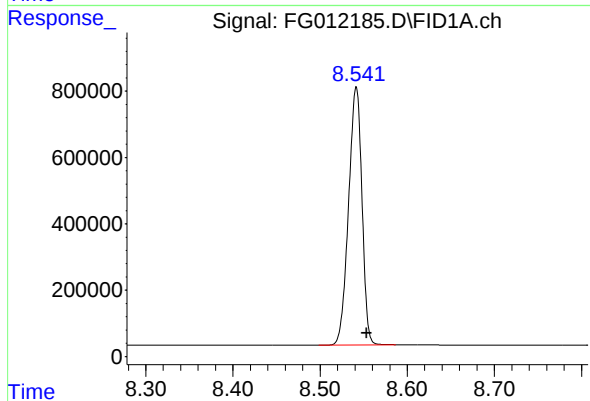
#2 N-DECANE

R.T.: 4.542 min
Delta R.T.: -0.009 min
Response: 8151076
Conc: 55.32 ug/ml



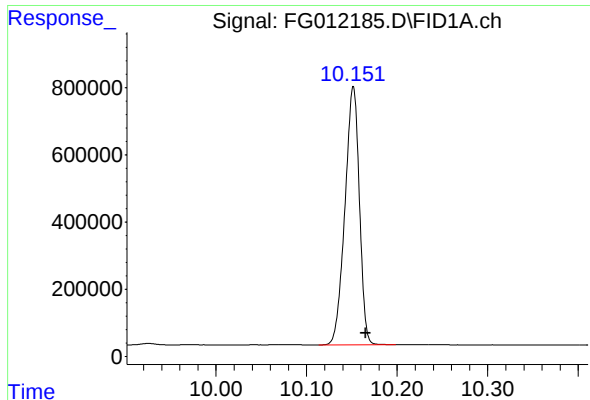
#3 N-DODECANE

R.T.: 6.712 min
Delta R.T.: -0.011 min
Response: 8306983
Conc: 55.34 ug/ml



#4 N-TETRADECANE

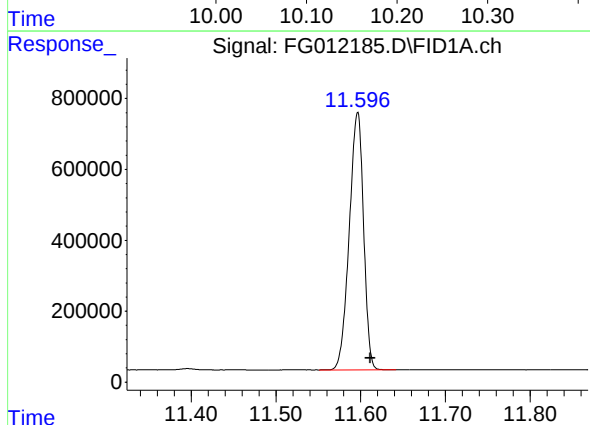
R.T.: 8.542 min
Delta R.T.: -0.012 min
Response: 8302951
Conc: 55.42 ug/ml



#5 N-HEXADECANE

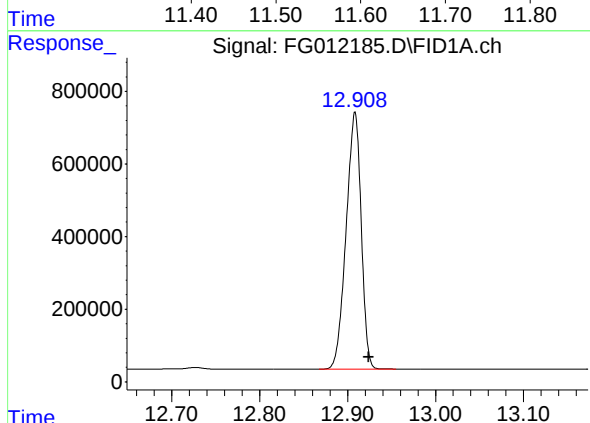
R.T.: 10.152 min
Delta R.T.: -0.014 min
Response: 8508908
Conc: 54.38 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



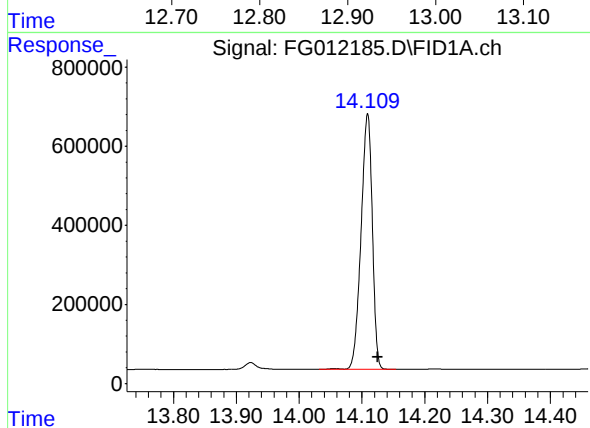
#6 N-OCTADECANE

R.T.: 11.597 min
Delta R.T.: -0.015 min
Response: 8528213
Conc: 53.63 ug/ml



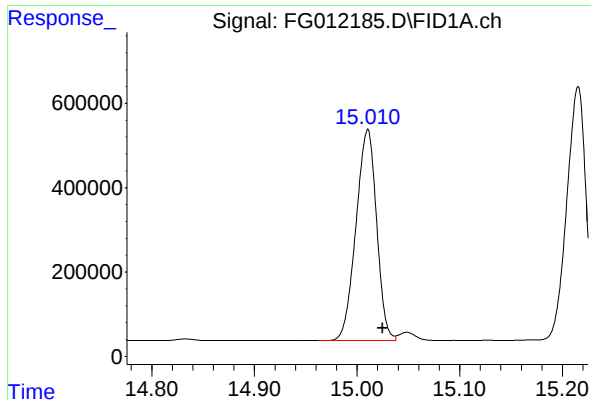
#7 N-EICOSANE

R.T.: 12.909 min
Delta R.T.: -0.015 min
Response: 8421530
Conc: 53.07 ug/ml



#8 N-DOCOSANE

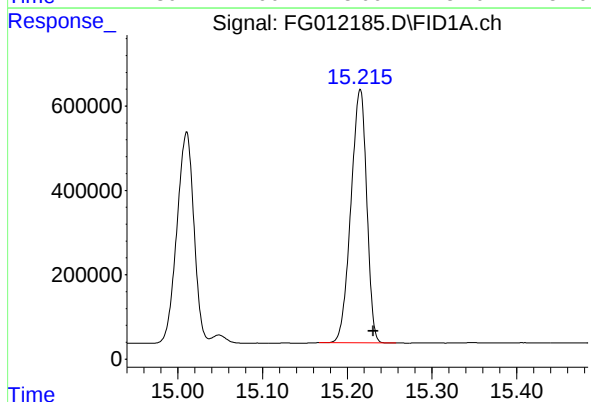
R.T.: 14.109 min
Delta R.T.: -0.016 min
Response: 8041074
Conc: 52.63 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

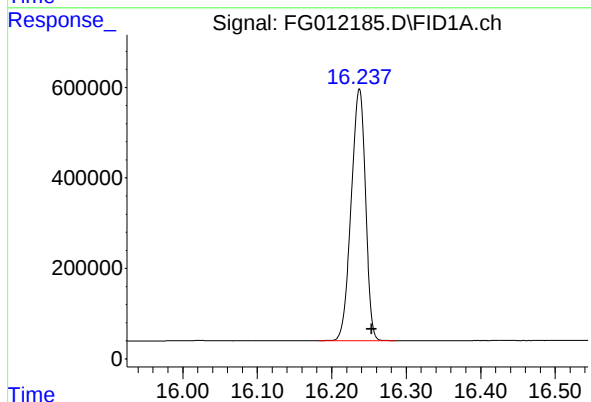
R.T.: 15.011 min
Delta R.T.: -0.015 min
Response: 6979571
Conc: 52.35 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



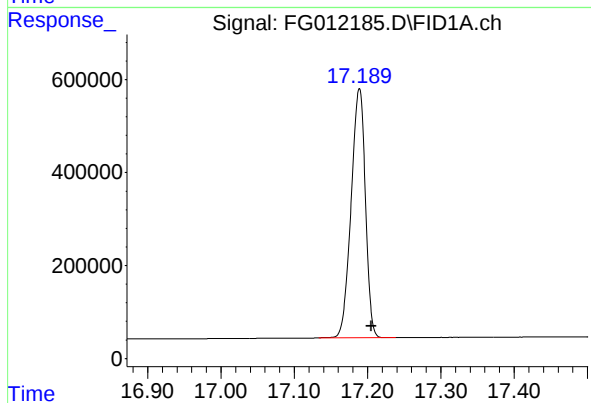
#10 N-TETRACOSANE

R.T.: 15.215 min
Delta R.T.: -0.015 min
Response: 7792307
Conc: 52.17 ug/ml



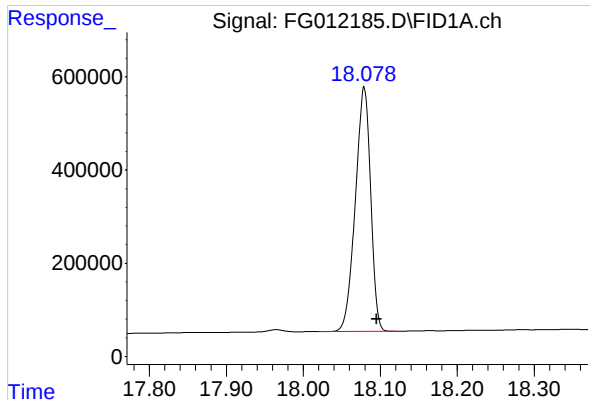
#11 N-HEXACOSANE

R.T.: 16.237 min
Delta R.T.: -0.016 min
Response: 7448894
Conc: 52.60 ug/ml



#12 N-OCTACOSANE

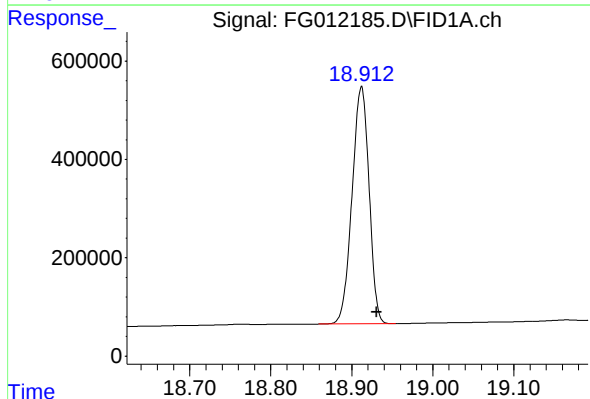
R.T.: 17.189 min
Delta R.T.: -0.016 min
Response: 7237034
Conc: 53.46 ug/ml



#13 N-TRIACONTANE

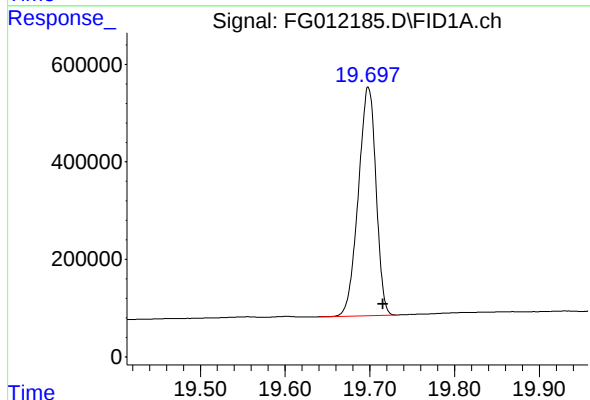
R.T.: 18.079 min
Delta R.T.: -0.016 min
Response: 7211686
Conc: 54.43 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



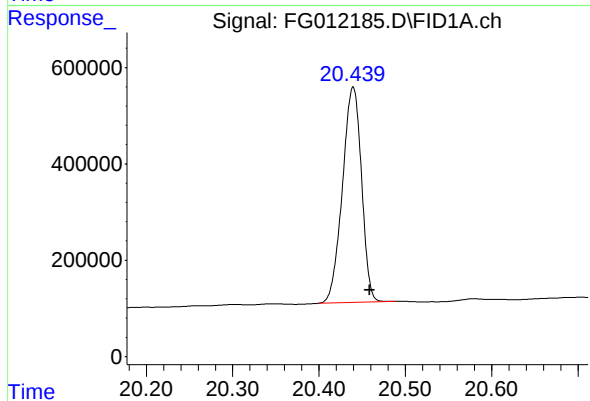
#14 N-DOTRIACONTANE

R.T.: 18.912 min
Delta R.T.: -0.019 min
Response: 7026067
Conc: 55.04 ug/ml



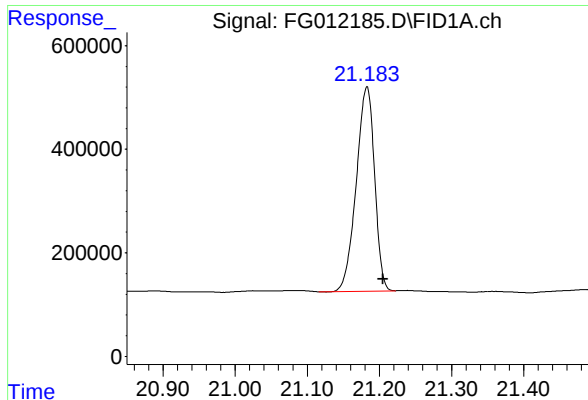
#15 N-TETRATRIACONTANE

R.T.: 19.698 min
Delta R.T.: -0.017 min
Response: 6794495
Conc: 55.82 ug/ml



#16 N-HEXATRIACONTANE

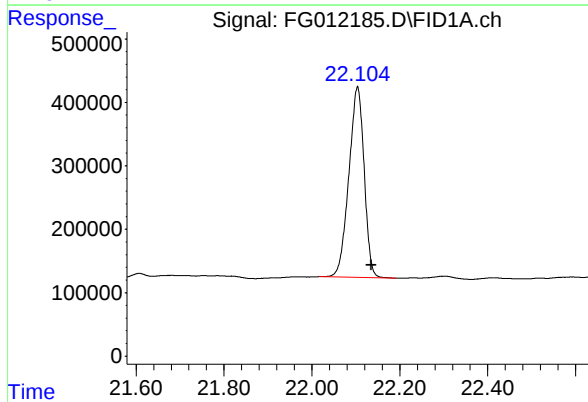
R.T.: 20.440 min
Delta R.T.: -0.019 min
Response: 6859882
Conc: 55.97 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.183 min
Delta R.T.: -0.022 min
Response: 6954191
Conc: 54.51 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.104 min
Delta R.T.: -0.031 min
Response: 7259920
Conc: 54.83 ug/ml