

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040425\
 Data File : FG015639.D
 Signal(s) : FID1A.ch
 Acq On : 04 Apr 2025 09:37
 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: Apr 04 22:57:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 11:04:29 2025
 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...	15.014	6508552	56.811 ug/ml
Target Compounds			
1) N-OCTANE	1.981	6235274	53.646 ug/ml
2) N-DECANE	4.513	6610897	55.960 ug/ml
3) N-DODECANE	6.697	6879281	56.654 ug/ml
4) N-TETRADECANE	8.533	6925918	54.923 ug/ml
5) N-HEXADECANE	10.146	7083357	55.013 ug/ml
6) N-OCTADECANE	11.595	7312599	55.507 ug/ml
7) N-EICOSANE	12.911	7293790	54.472 ug/ml
8) N-DOCOSANE	14.112	7167307	55.156 ug/ml
10) N-TETRACOSANE	15.219	7168742	55.346 ug/ml
11) N-HEXACOSANE	16.243	7008365	55.065 ug/ml
12) N-OCTACOSANE	17.193	6889908	55.118 ug/ml
13) N-TRIACONTANE	18.084	6800821	54.331 ug/ml
14) N-DOTRIACONTANE	18.917	6413272	54.040 ug/ml
15) N-TETRATRIACONTANE	19.702	5408896	51.821 ug/ml
16) N-HEXATRIACONTANE	20.441	4318339	49.270 ug/ml
17) N-OCTATRIACONTANE	21.182	3707733	49.682 ug/ml
18) N-TETRACONTANE	22.107	3401756	51.357 ug/ml

(f)=RT Delta > 1/2 Window

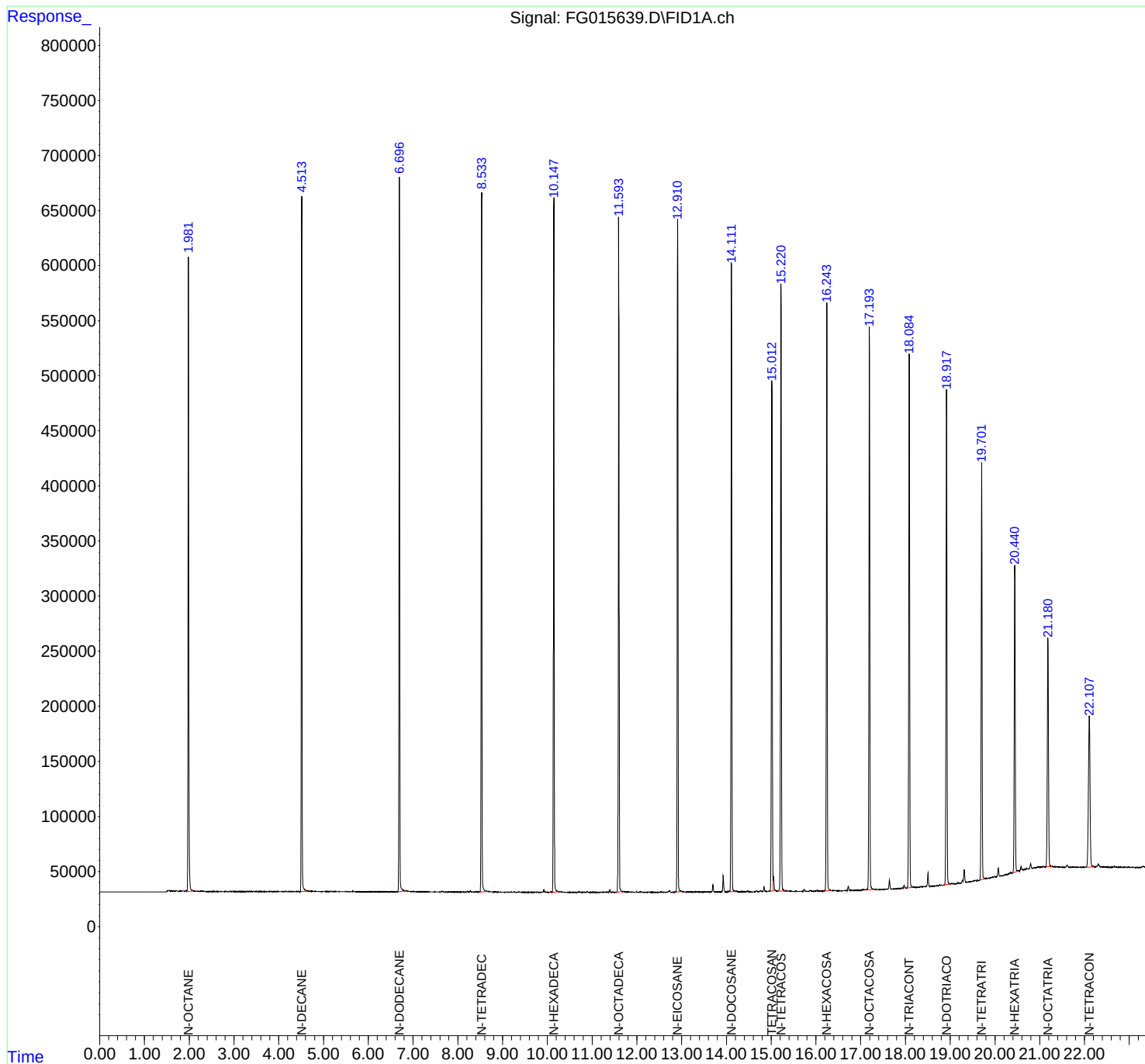
(m)=manual int.

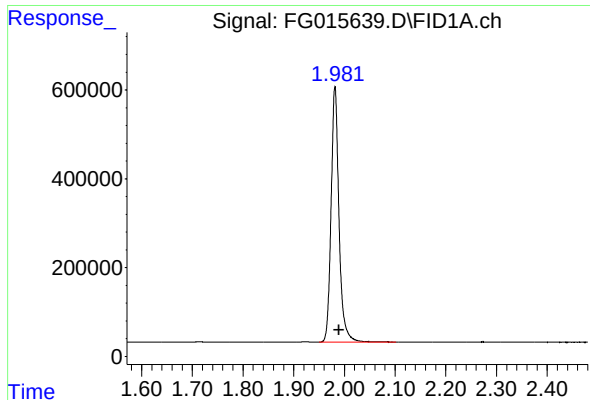
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Signal Info : 20mx0.18mmx0.18um

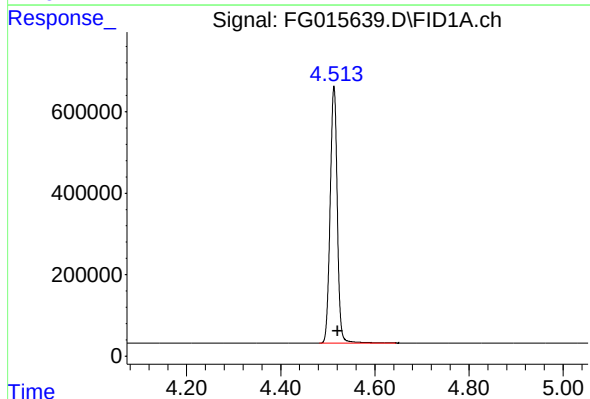




#1 N-OCTANE

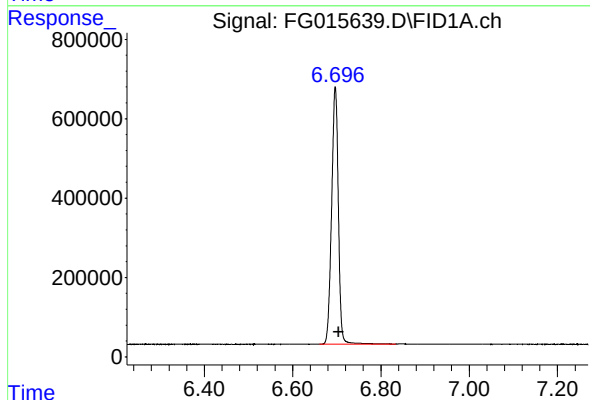
R.T.: 1.981 min
Delta R.T.: -0.008 min
Response: 6235274
Conc: 53.65 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



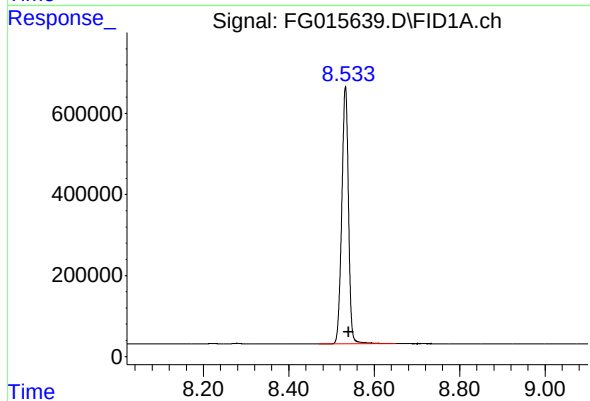
#2 N-DECANE

R.T.: 4.513 min
Delta R.T.: -0.008 min
Response: 6610897
Conc: 55.96 ug/ml



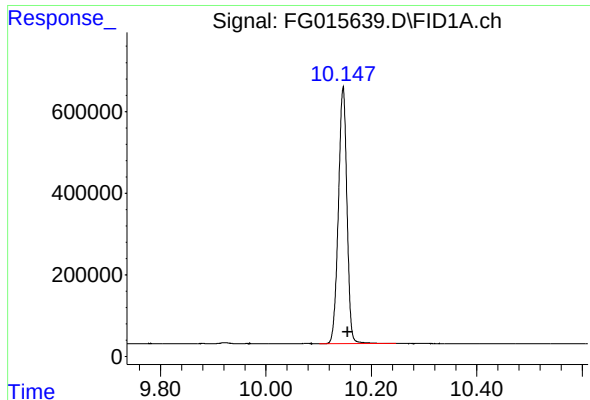
#3 N-DODECANE

R.T.: 6.697 min
Delta R.T.: -0.007 min
Response: 6879281
Conc: 56.65 ug/ml



#4 N-TETRADECANE

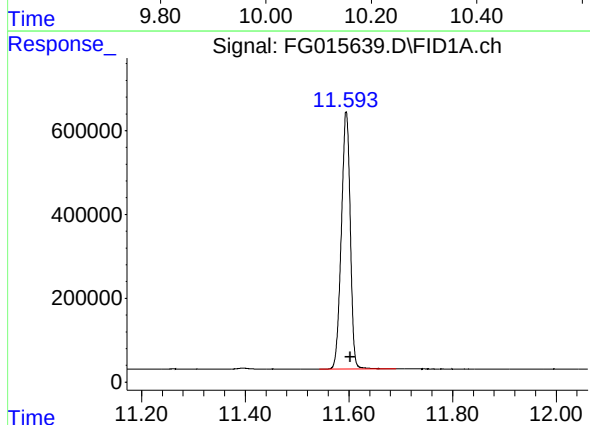
R.T.: 8.533 min
Delta R.T.: -0.007 min
Response: 6925918
Conc: 54.92 ug/ml



#5 N-HEXADECANE

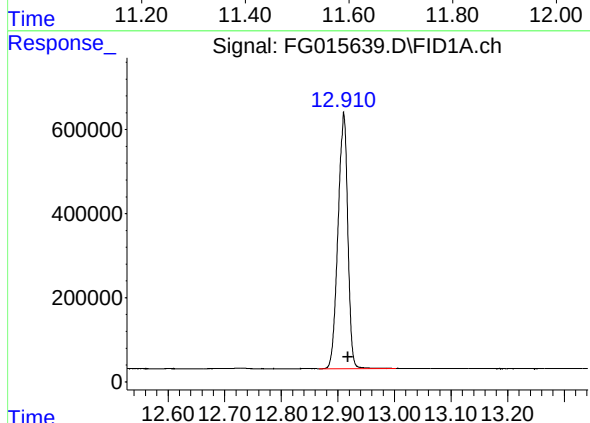
R.T.: 10.146 min
Delta R.T.: -0.008 min
Response: 7083357
Conc: 55.01 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



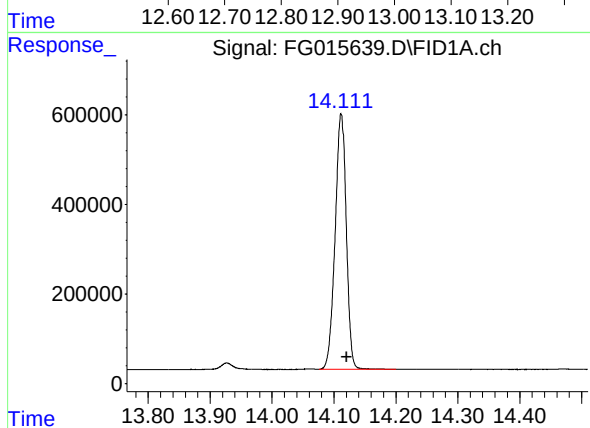
#6 N-OCTADECANE

R.T.: 11.595 min
Delta R.T.: -0.008 min
Response: 7312599
Conc: 55.51 ug/ml



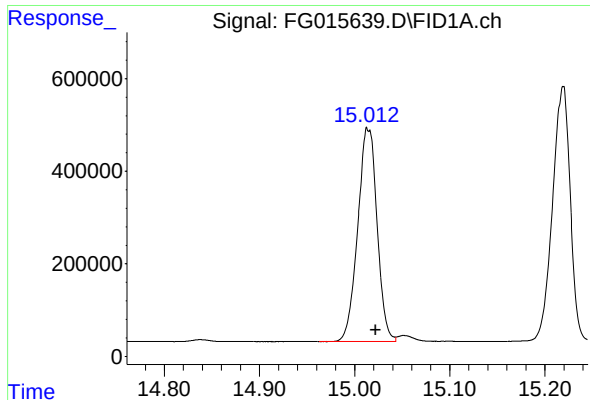
#7 N-EICOSANE

R.T.: 12.911 min
Delta R.T.: -0.007 min
Response: 7293790
Conc: 54.47 ug/ml



#8 N-DOCOSANE

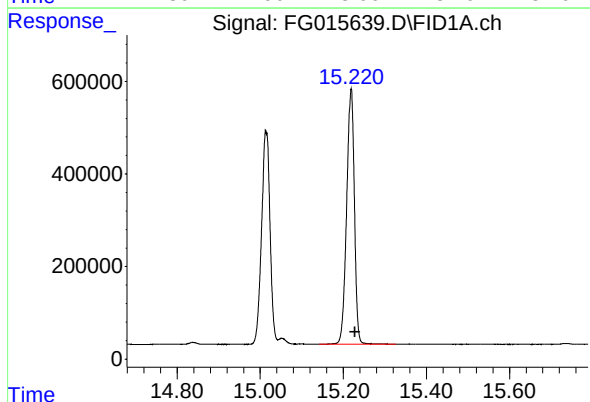
R.T.: 14.112 min
Delta R.T.: -0.009 min
Response: 7167307
Conc: 55.16 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

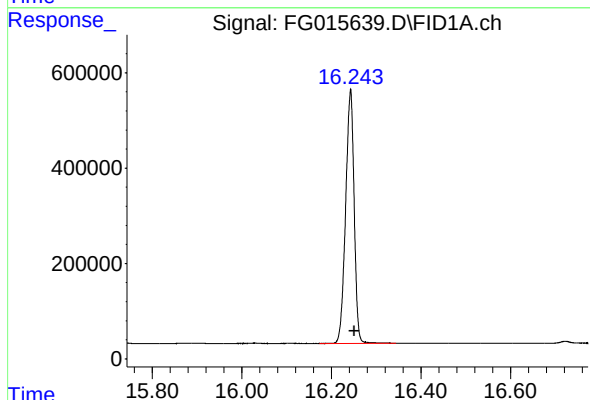
R.T.: 15.014 min
Delta R.T.: -0.008 min
Response: 6508552
Conc: 56.81 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



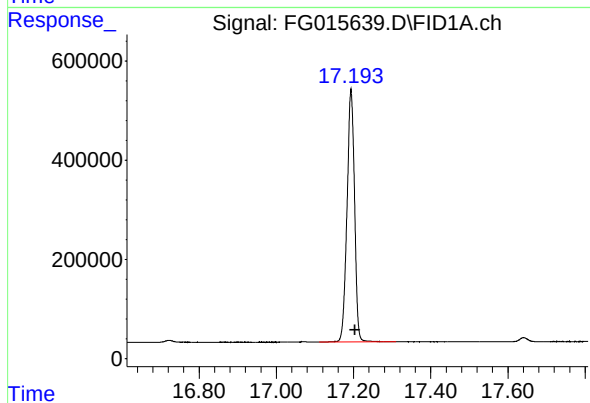
#10 N-TETRACOSANE

R.T.: 15.219 min
Delta R.T.: -0.009 min
Response: 7168742
Conc: 55.35 ug/ml



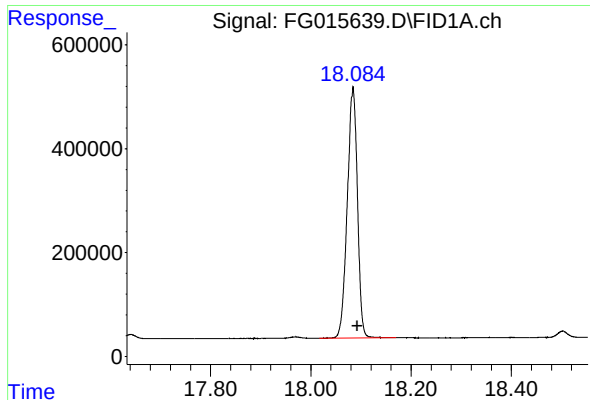
#11 N-HEXACOSANE

R.T.: 16.243 min
Delta R.T.: -0.009 min
Response: 7008365
Conc: 55.06 ug/ml



#12 N-OCTACOSANE

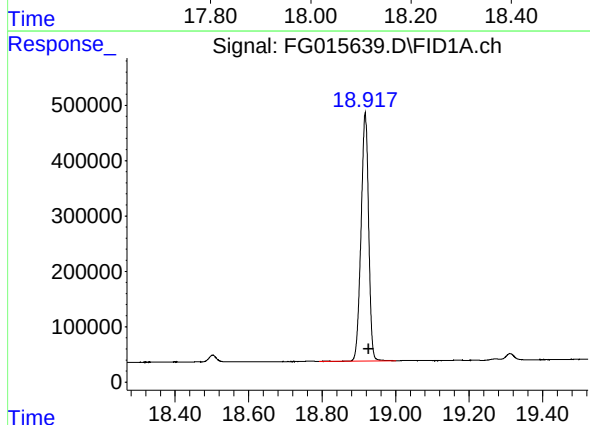
R.T.: 17.193 min
Delta R.T.: -0.010 min
Response: 6889908
Conc: 55.12 ug/ml



#13 N-TRIACONTANE

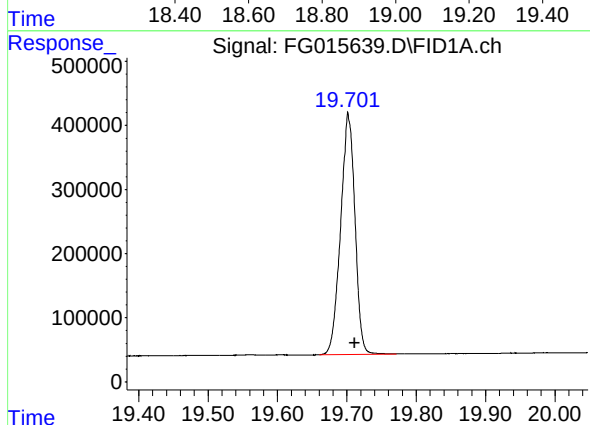
R.T.: 18.084 min
Delta R.T.: -0.008 min
Response: 6800821
Conc: 54.33 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



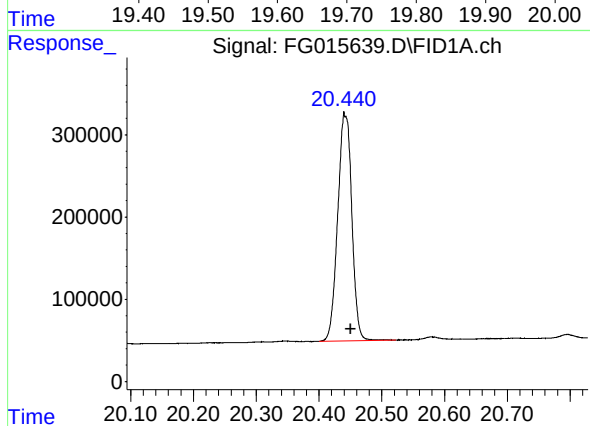
#14 N-DOTRIACONTANE

R.T.: 18.917 min
Delta R.T.: -0.009 min
Response: 6413272
Conc: 54.04 ug/ml



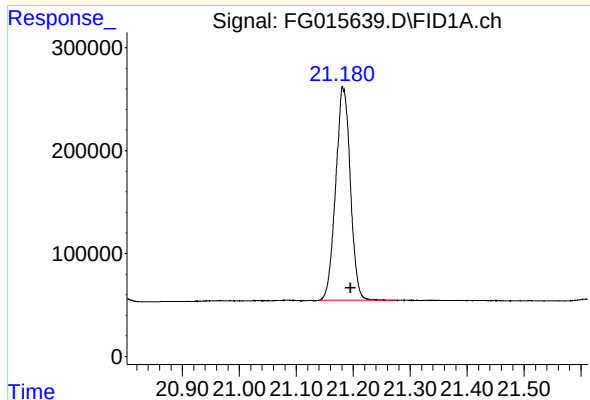
#15 N-TETRATRIACONTANE

R.T.: 19.702 min
Delta R.T.: -0.009 min
Response: 5408896
Conc: 51.82 ug/ml



#16 N-HEXATRIACONTANE

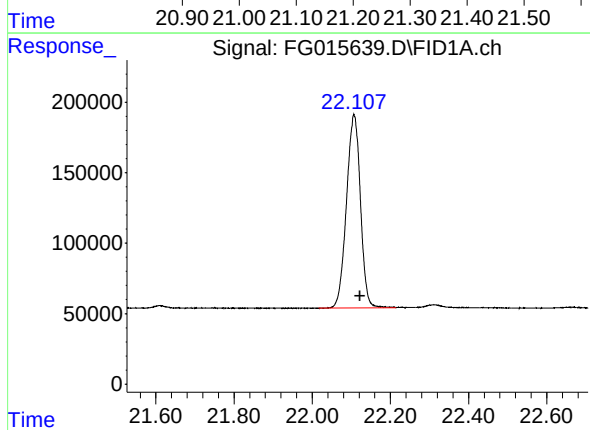
R.T.: 20.441 min
Delta R.T.: -0.010 min
Response: 4318339
Conc: 49.27 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.182 min
Delta R.T.: -0.014 min
Response: 3707733
Conc: 49.68 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.107 min
Delta R.T.: -0.015 min
Response: 3401756
Conc: 51.36 ug/ml