

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040325\
 Data File : FG015636.D
 Signal(s) : FID1A.ch
 Acq On : 04 Apr 2025 02:21
 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: Apr 04 03:58:51 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	5128686	44.767 ug/ml
Target Compounds			
1) N-OCTANE	1.983	5194065	44.688 ug/ml
2) N-DECANE	4.515	5338140	45.187 ug/ml
3) N-DODECANE	6.697	5493837	45.244 ug/ml
4) N-TETRADECANE	8.533	5619109	44.560 ug/ml
5) N-HEXADECANE	10.147	5698144	44.255 ug/ml
6) N-OCTADECANE	11.595	5833180	44.278 ug/ml
7) N-EICOSANE	12.909	5929252	44.281 ug/ml
8) N-DOCOSANE	14.112	5763568	44.353 ug/ml
10) N-TETRACOSANE	15.219	5790158	44.703 ug/ml
11) N-HEXACOSANE	16.242	5693069	44.731 ug/ml
12) N-OCTACOSANE	17.195	5586325	44.690 ug/ml
13) N-TRIACONTANE	18.085	5643700	45.086 ug/ml
14) N-DOTRIACONTANE	18.918	5672331	47.796 ug/ml
15) N-TETRATRIACONTANE	19.703	5969988	57.197 ug/ml
16) N-HEXATRIACONTANE	20.445	6243755	71.239 ug/ml
17) N-OCTATRIACONTANE	21.188	6380936	85.501 ug/ml
18) N-TETRACONTANE	22.112	6345035	95.792 ug/ml

(f)=RT Delta > 1/2 Window

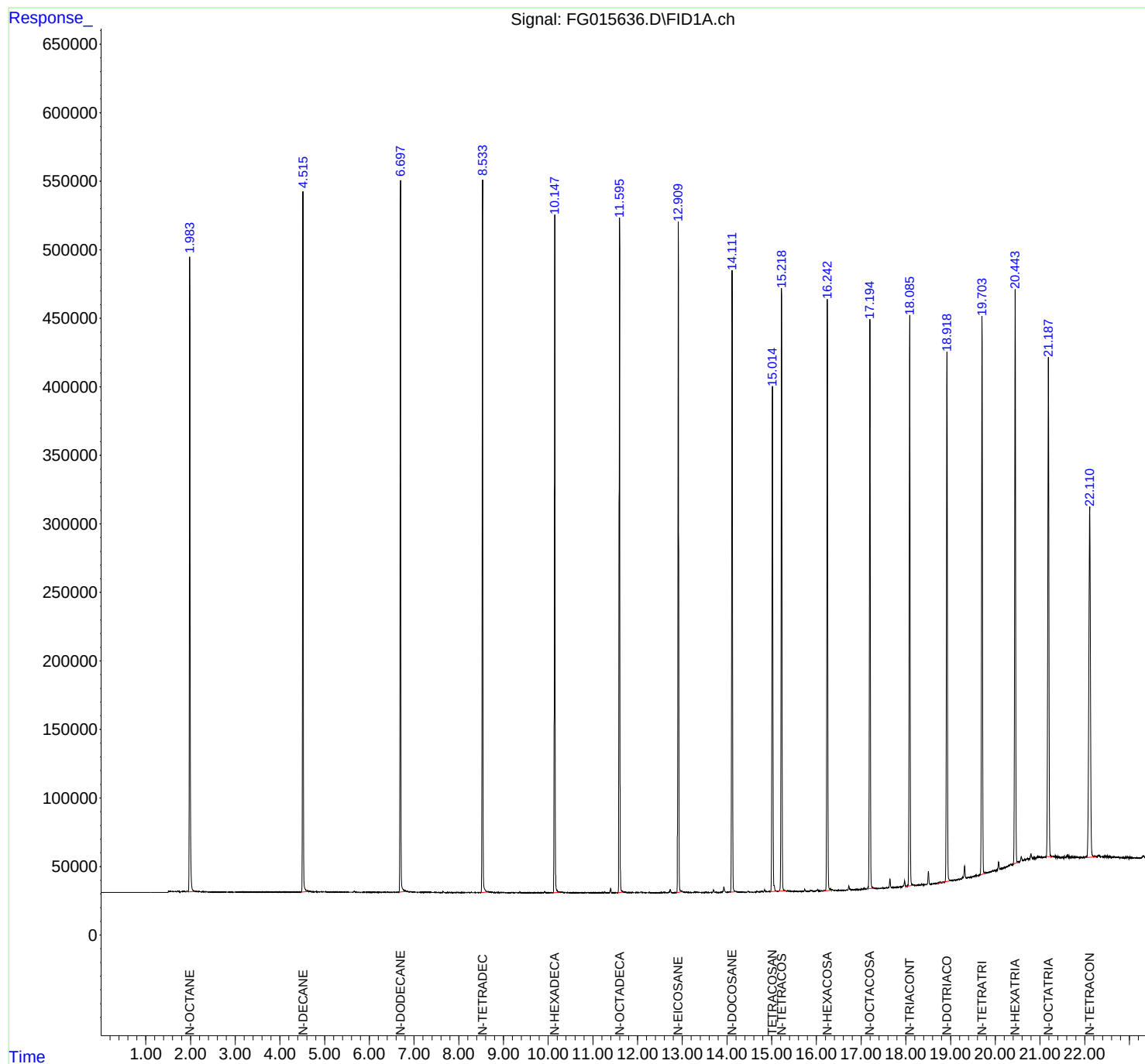
(m)=manual int.

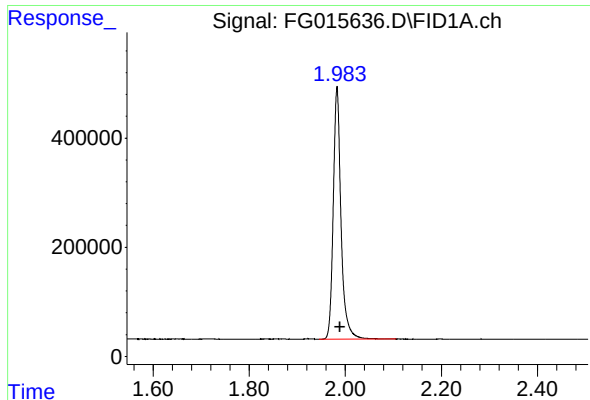
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Signal Info : 20mx0.18mmx0.18um

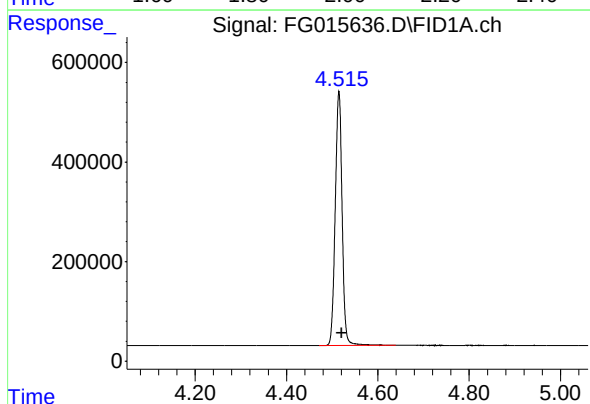




#1 N-OCTANE

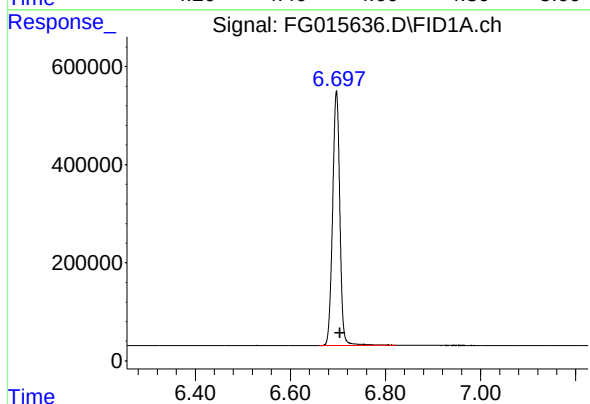
R.T.: 1.983 min
Delta R.T.: -0.006 min
Response: 5194065
Conc: 44.69 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



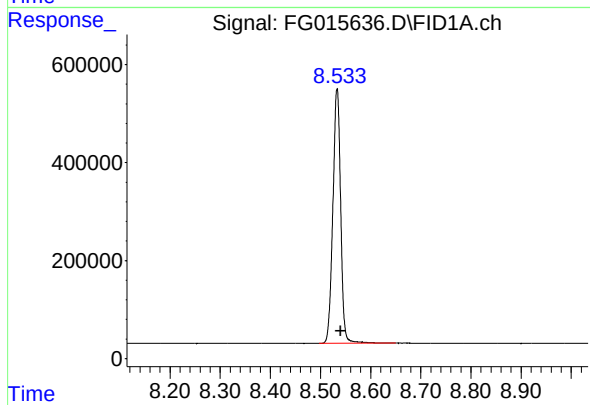
#2 N-DECANE

R.T.: 4.515 min
Delta R.T.: -0.006 min
Response: 5338140
Conc: 45.19 ug/ml



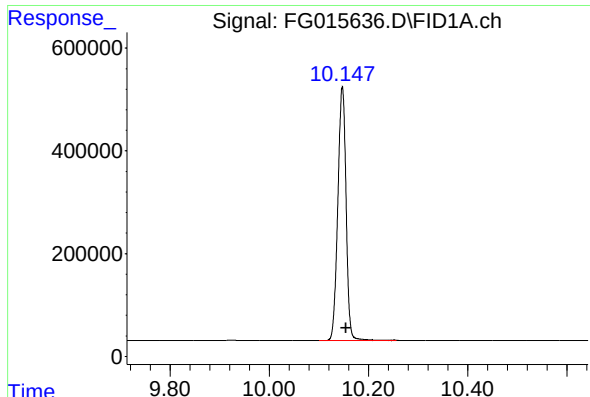
#3 N-DODECANE

R.T.: 6.697 min
Delta R.T.: -0.007 min
Response: 5493837
Conc: 45.24 ug/ml



#4 N-TETRADECANE

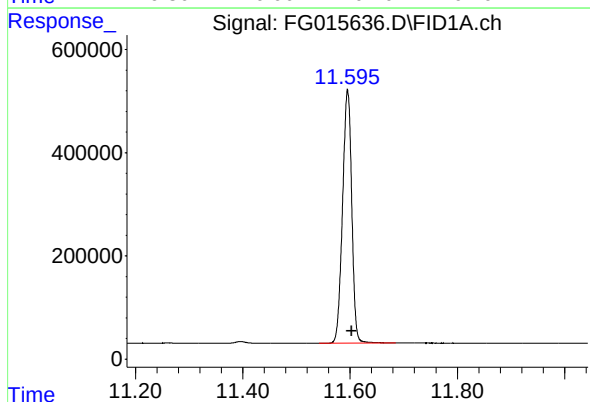
R.T.: 8.533 min
Delta R.T.: -0.007 min
Response: 5619109
Conc: 44.56 ug/ml



#5 N-HEXADECANE

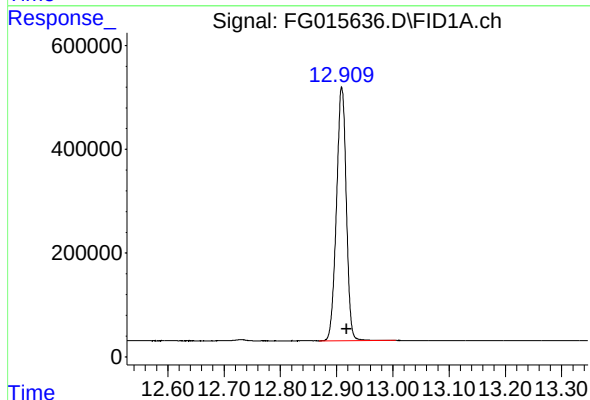
R.T.: 10.147 min
Delta R.T.: -0.007 min
Response: 5698144
Conc: 44.25 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



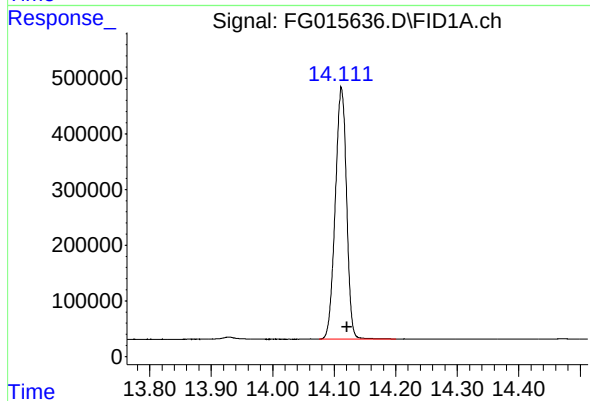
#6 N-OCTADECANE

R.T.: 11.595 min
Delta R.T.: -0.007 min
Response: 5833180
Conc: 44.28 ug/ml



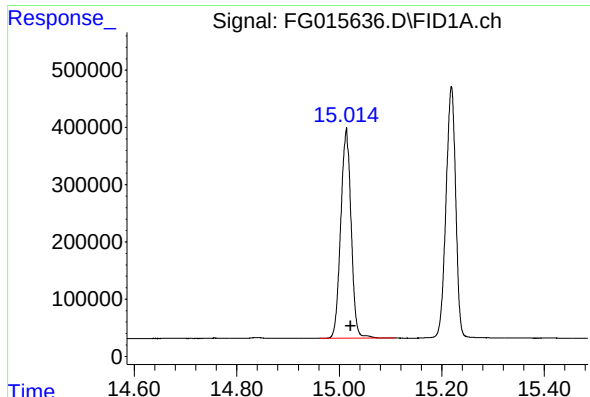
#7 N-EICOSANE

R.T.: 12.909 min
Delta R.T.: -0.009 min
Response: 5929252
Conc: 44.28 ug/ml



#8 N-DOCOSANE

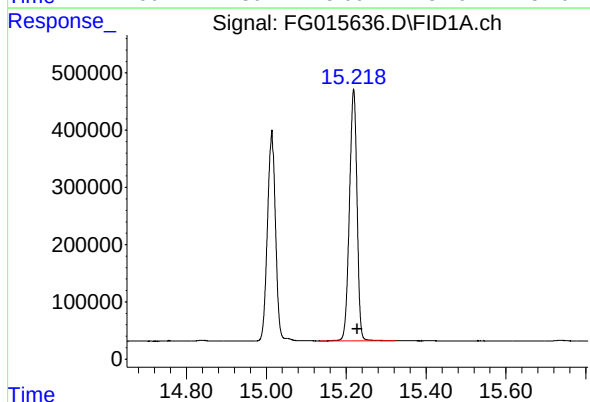
R.T.: 14.112 min
Delta R.T.: -0.009 min
Response: 5763568
Conc: 44.35 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

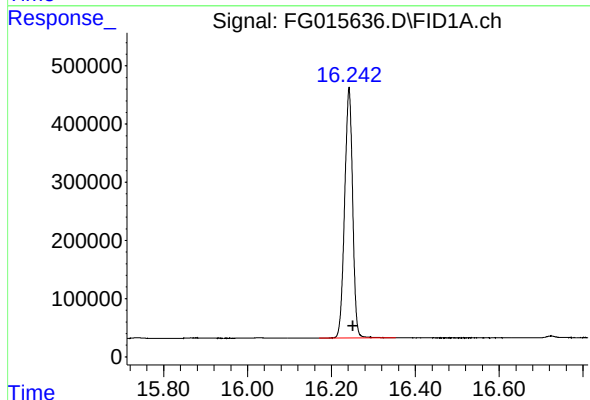
R.T.: 15.014 min
Delta R.T.: -0.008 min
Response: 5128686
Conc: 44.77 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



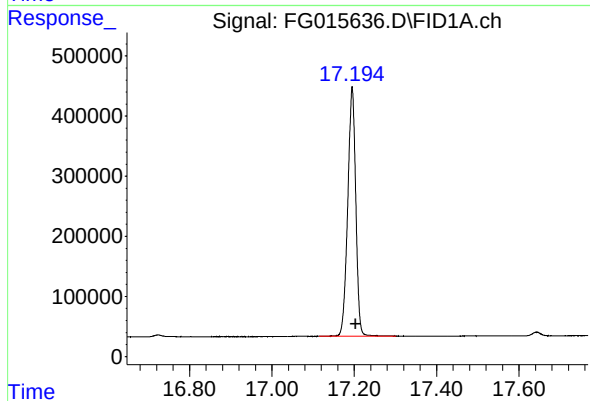
#10 N-TETRACOSANE

R.T.: 15.219 min
Delta R.T.: -0.009 min
Response: 5790158
Conc: 44.70 ug/ml



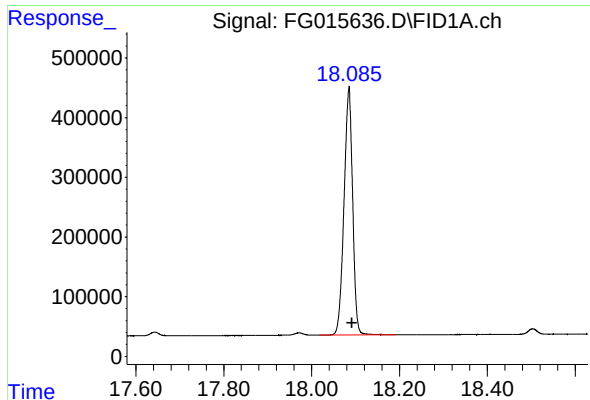
#11 N-HEXACOSANE

R.T.: 16.242 min
Delta R.T.: -0.009 min
Response: 5693069
Conc: 44.73 ug/ml



#12 N-OCTACOSANE

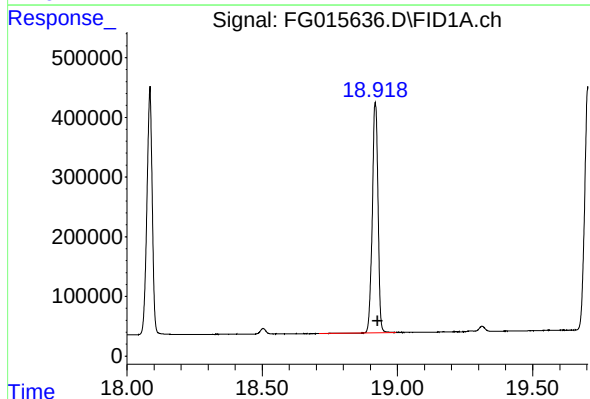
R.T.: 17.195 min
Delta R.T.: -0.009 min
Response: 5586325
Conc: 44.69 ug/ml



#13 N-TRIACONTANE

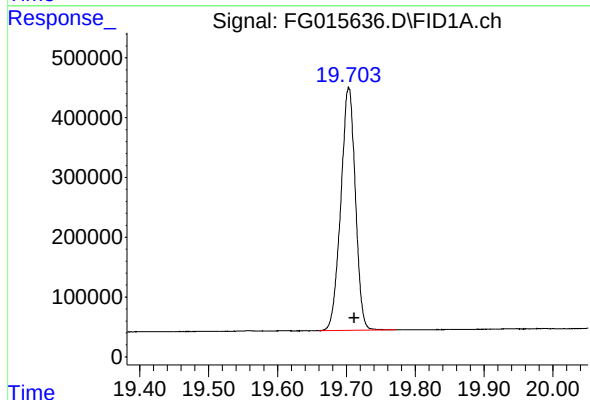
R.T.: 18.085 min
Delta R.T.: -0.007 min
Response: 5643700
Conc: 45.09 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



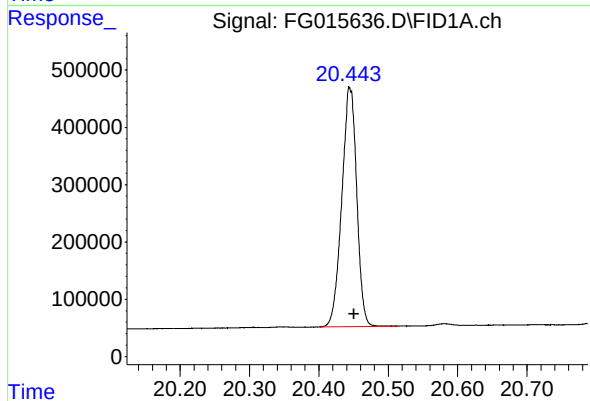
#14 N-DOTRIACONTANE

R.T.: 18.918 min
Delta R.T.: -0.009 min
Response: 5672331
Conc: 47.80 ug/ml



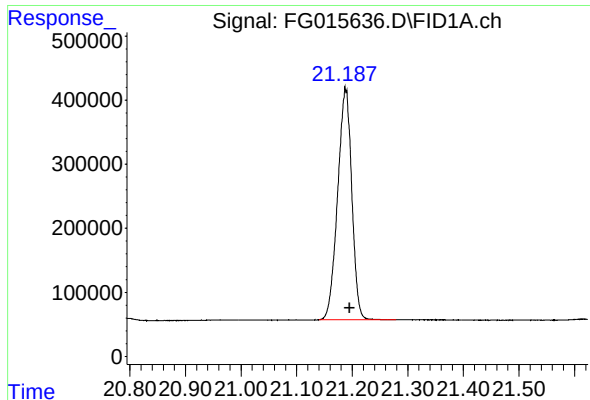
#15 N-TETRATRIACONTANE

R.T.: 19.703 min
Delta R.T.: -0.008 min
Response: 5969988
Conc: 57.20 ug/ml



#16 N-HEXATRIACONTANE

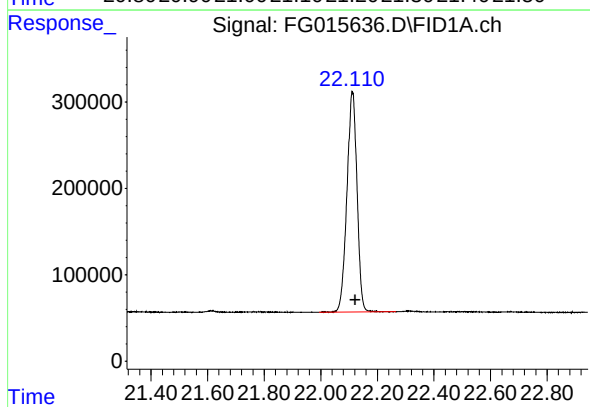
R.T.: 20.445 min
Delta R.T.: -0.006 min
Response: 6243755
Conc: 71.24 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.188 min
Delta R.T.: -0.008 min
Response: 6380936
Conc: 85.50 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.112 min
Delta R.T.: -0.010 min
Response: 6345035
Conc: 95.79 ug/ml