

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040723\
 Data File : FG011736.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2023 14:07
 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 10 03:34:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031523.M
 Quant Title :
 QLast Update : Wed Mar 15 18:43:49 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...	15.054	4572437	45.427 ug/ml
Target Compounds			
1) N-OCTANE	2.048	4926642	41.862 ug/ml
2) N-DECANE	4.572	5956273	49.285 ug/ml
3) N-DODECANE	6.746	6080904	49.833 ug/ml
4) N-TETRADECANE	8.578	6070156	49.883 ug/ml
5) N-HEXADECANE	10.190	6066032	49.193 ug/ml
6) N-OCTADECANE	11.637	5865780	48.026 ug/ml
7) N-EICOSANE	12.951	5617190	46.749 ug/ml
8) N-DOCOSANE	14.152	5264583	45.894 ug/ml
10) N-TETRACOSANE	15.259	5187207	45.921 ug/ml
11) N-HEXACOSANE	16.283	5039085	46.662 ug/ml
12) N-OCTACOSANE	17.236	5026425	48.474 ug/ml
13) N-TRIACONTANE	18.126	5097997	51.443 ug/ml
14) N-DOTRIACONTANE	18.963	5056178	54.517 ug/ml
15) N-TETRATRIACONTANE	19.748	4943536	58.638 ug/ml
16) N-HEXATRIACONTANE	20.492	4816878	62.570 ug/ml
17) N-OCTATRIACONTANE	21.243	4703144	62.467 ug/ml
18) N-TETRACONTANE	22.183	4601773	62.700 ug/ml

(f)=RT Delta > 1/2 Window

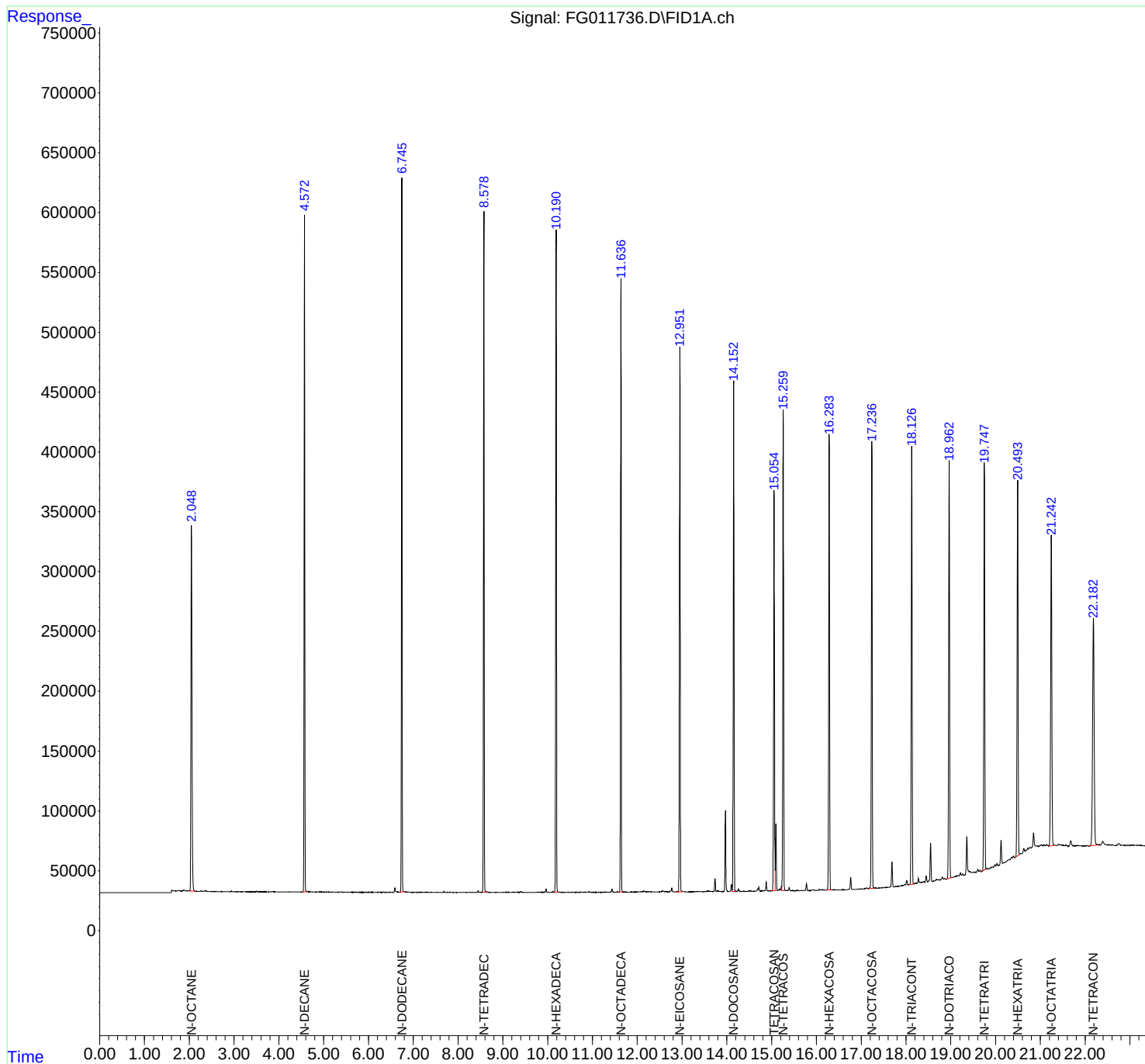
(m)=manual int.

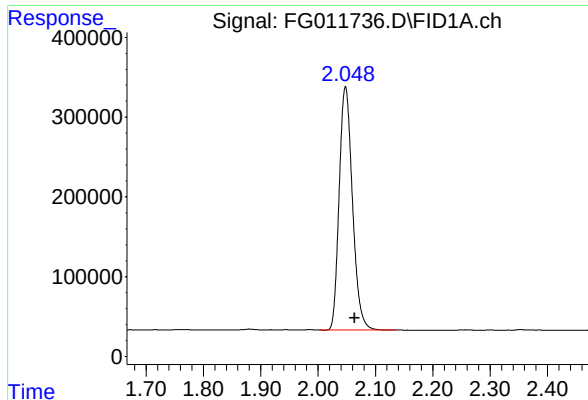
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Signal Info : 20mx0.18mmx0.18um

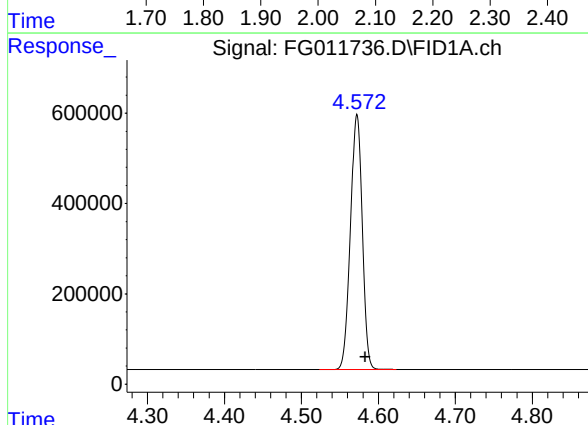




#1 N-OCTANE

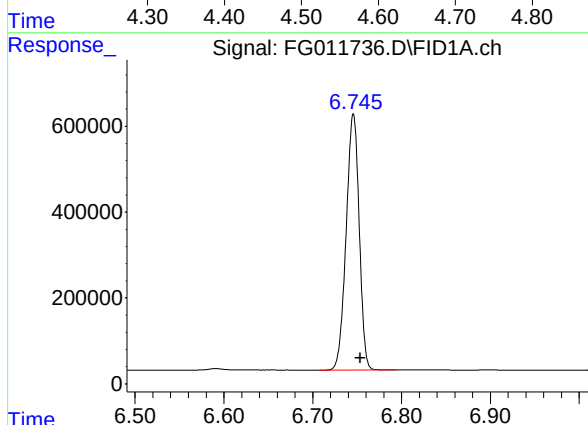
R.T.: 2.048 min
Delta R.T.: -0.016 min
Response: 4926642
Conc: 41.86 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



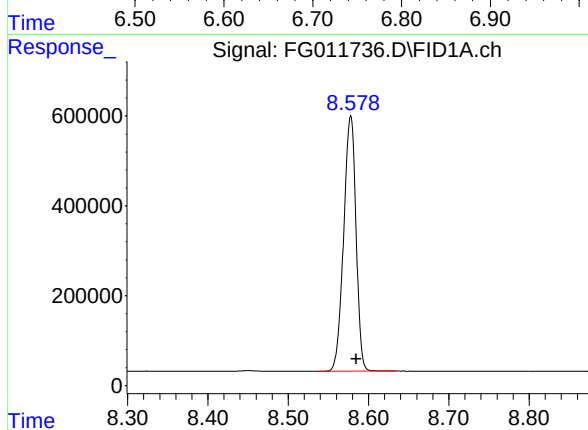
#2 N-DECANE

R.T.: 4.572 min
Delta R.T.: -0.011 min
Response: 5956273
Conc: 49.28 ug/ml



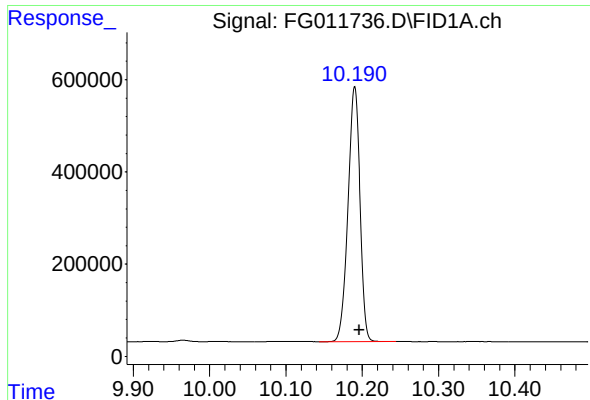
#3 N-DODECANE

R.T.: 6.746 min
Delta R.T.: -0.008 min
Response: 6080904
Conc: 49.83 ug/ml



#4 N-TETRADECANE

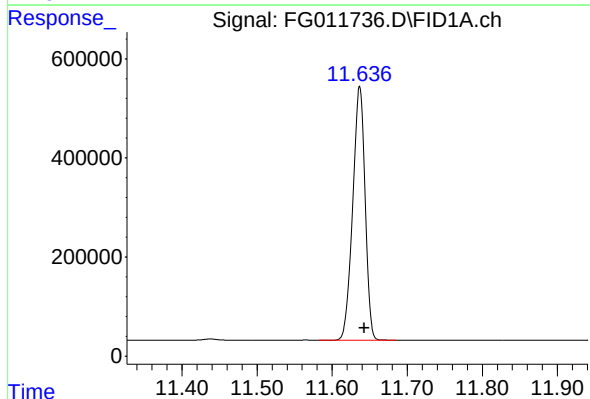
R.T.: 8.578 min
Delta R.T.: -0.007 min
Response: 6070156
Conc: 49.88 ug/ml



#5 N-HEXADECANE

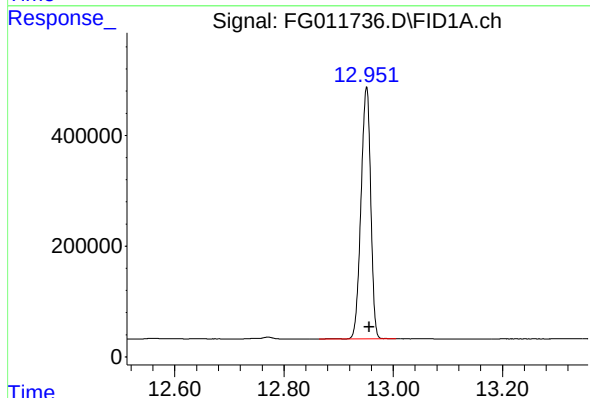
R.T.: 10.190 min
Delta R.T.: -0.006 min
Response: 6066032
Conc: 49.19 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



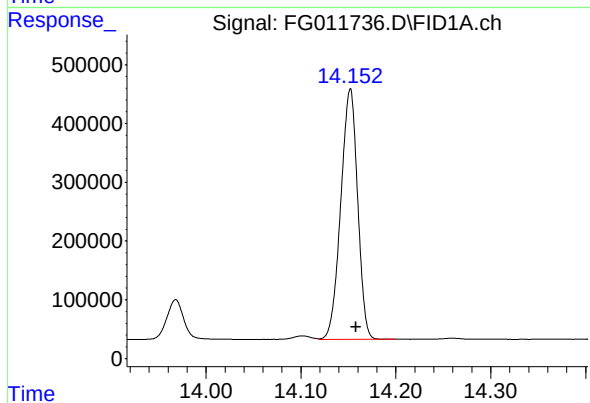
#6 N-OCTADECANE

R.T.: 11.637 min
Delta R.T.: -0.006 min
Response: 5865780
Conc: 48.03 ug/ml



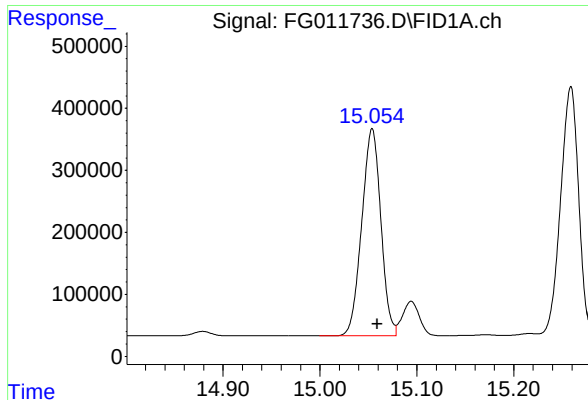
#7 N-EICOSANE

R.T.: 12.951 min
Delta R.T.: -0.005 min
Response: 5617190
Conc: 46.75 ug/ml



#8 N-DOCOSANE

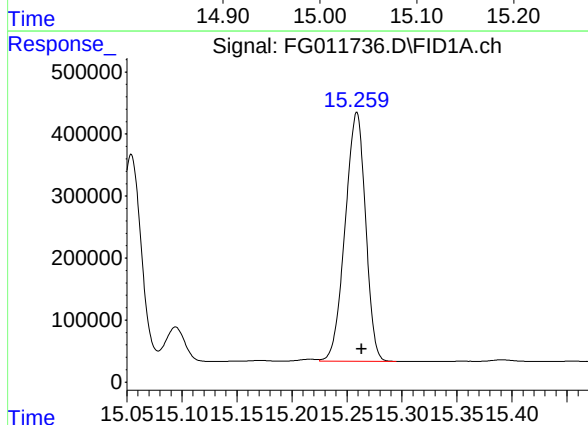
R.T.: 14.152 min
Delta R.T.: -0.006 min
Response: 5264583
Conc: 45.89 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

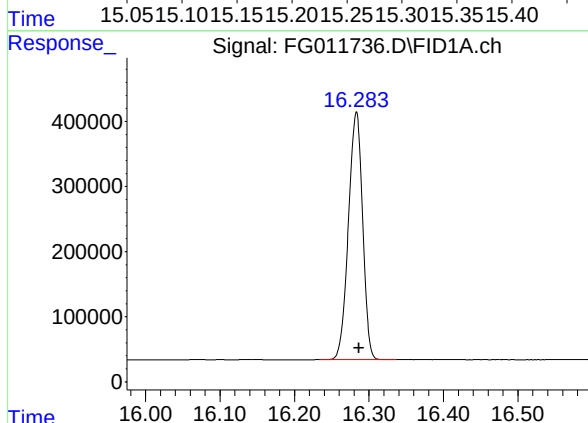
R.T.: 15.054 min
Delta R.T.: -0.005 min
Response: 4572437
Conc: 45.43 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



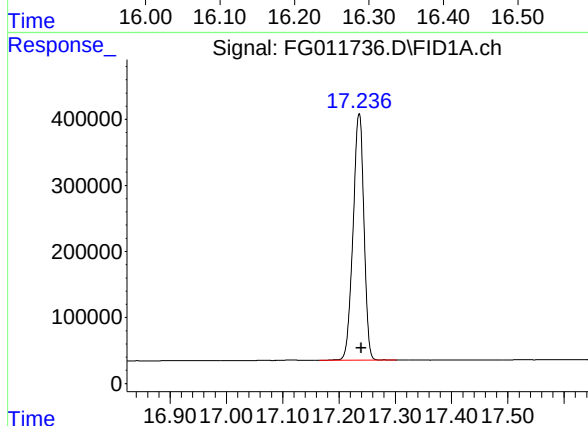
#10 N-TETRACOSANE

R.T.: 15.259 min
Delta R.T.: -0.004 min
Response: 5187207
Conc: 45.92 ug/ml



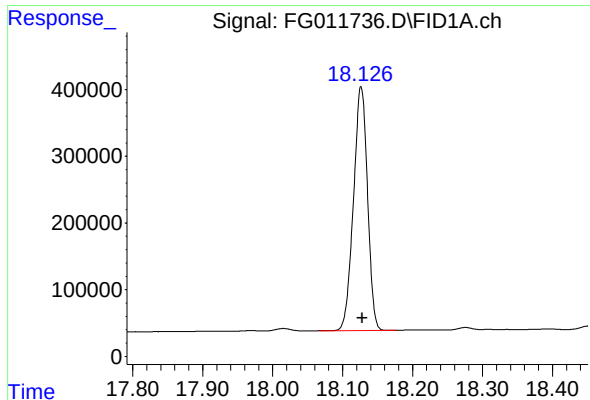
#11 N-HEXACOSANE

R.T.: 16.283 min
Delta R.T.: -0.003 min
Response: 5039085
Conc: 46.66 ug/ml



#12 N-OCTACOSANE

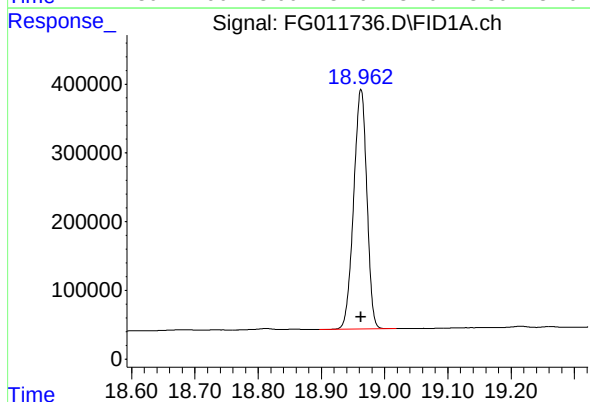
R.T.: 17.236 min
Delta R.T.: -0.004 min
Response: 5026425
Conc: 48.47 ug/ml



#13 N-TRIACONTANE

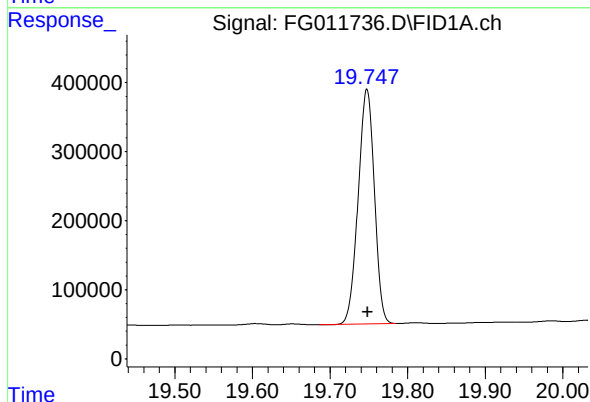
R.T.: 18.126 min
Delta R.T.: -0.002 min
Response: 5097997
Conc: 51.44 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



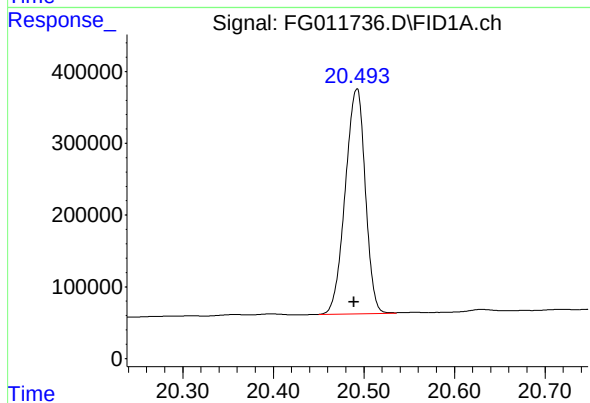
#14 N-DOTRIACONTANE

R.T.: 18.963 min
Delta R.T.: 0.000 min
Response: 5056178
Conc: 54.52 ug/ml



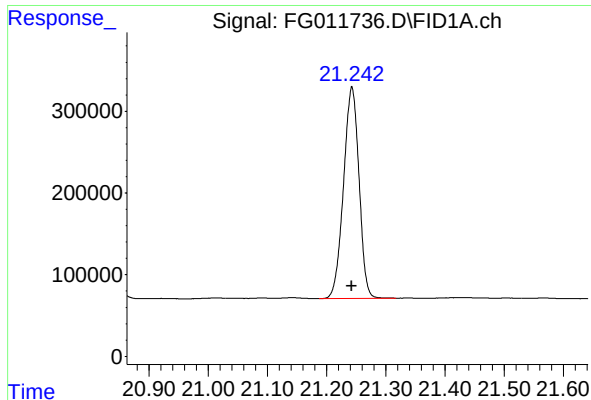
#15 N-TETRATRIACONTANE

R.T.: 19.748 min
Delta R.T.: 0.000 min
Response: 4943536
Conc: 58.64 ug/ml



#16 N-HEXATRIACONTANE

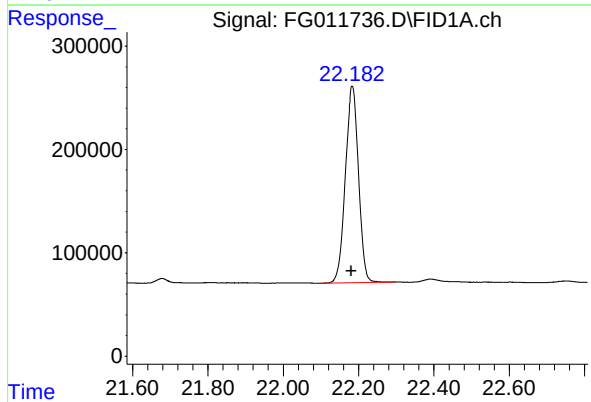
R.T.: 20.492 min
Delta R.T.: 0.003 min
Response: 4816878
Conc: 62.57 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.243 min
Delta R.T.: 0.000 min
Response: 4703144
Conc: 62.47 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.183 min
Delta R.T.: 0.003 min
Response: 4601773
Conc: 62.70 ug/ml