

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012425\
 Data File : FG015162.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 09:53
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jan 25 00:17:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Fri Jan 24 12:51:39 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...	15.048	5688390	44.346 ug/ml
Target Compounds			
1) N-OCTANE	2.007	5228781	42.851 ug/ml
2) N-DECANE	4.541	6074271	47.025 ug/ml
3) N-DODECANE	6.724	6288363	46.158 ug/ml
4) N-TETRADECANE	8.561	6422640	46.926 ug/ml
5) N-HEXADECANE	10.176	6500858	46.069 ug/ml
6) N-OCTADECANE	11.626	6630659	45.203 ug/ml
7) N-EICOSANE	12.941	6668128	45.865 ug/ml
8) N-DOCOSANE	14.144	6414289	44.710 ug/ml
10) N-TETRACOSANE	15.252	6329515	44.317 ug/ml
11) N-HEXACOSANE	16.276	6203422	44.046 ug/ml
12) N-OCTACOSANE	17.230	6088338	43.478 ug/ml
13) N-TRIACONTANE	18.120	6172690	43.387 ug/ml
14) N-DOTRIACONTANE	18.955	6075048	43.710 ug/ml
15) N-TETRATRIACONTANE	19.740	5896405	47.059 ug/ml
16) N-HEXATRIACONTANE	20.481	5566939	51.516 ug/ml
17) N-OCTATRIACONTANE	21.228	5337600	54.112 ug/ml
18) N-TETRACONTANE	22.168	5196621	55.969 ug/ml

(f)=RT Delta > 1/2 Window

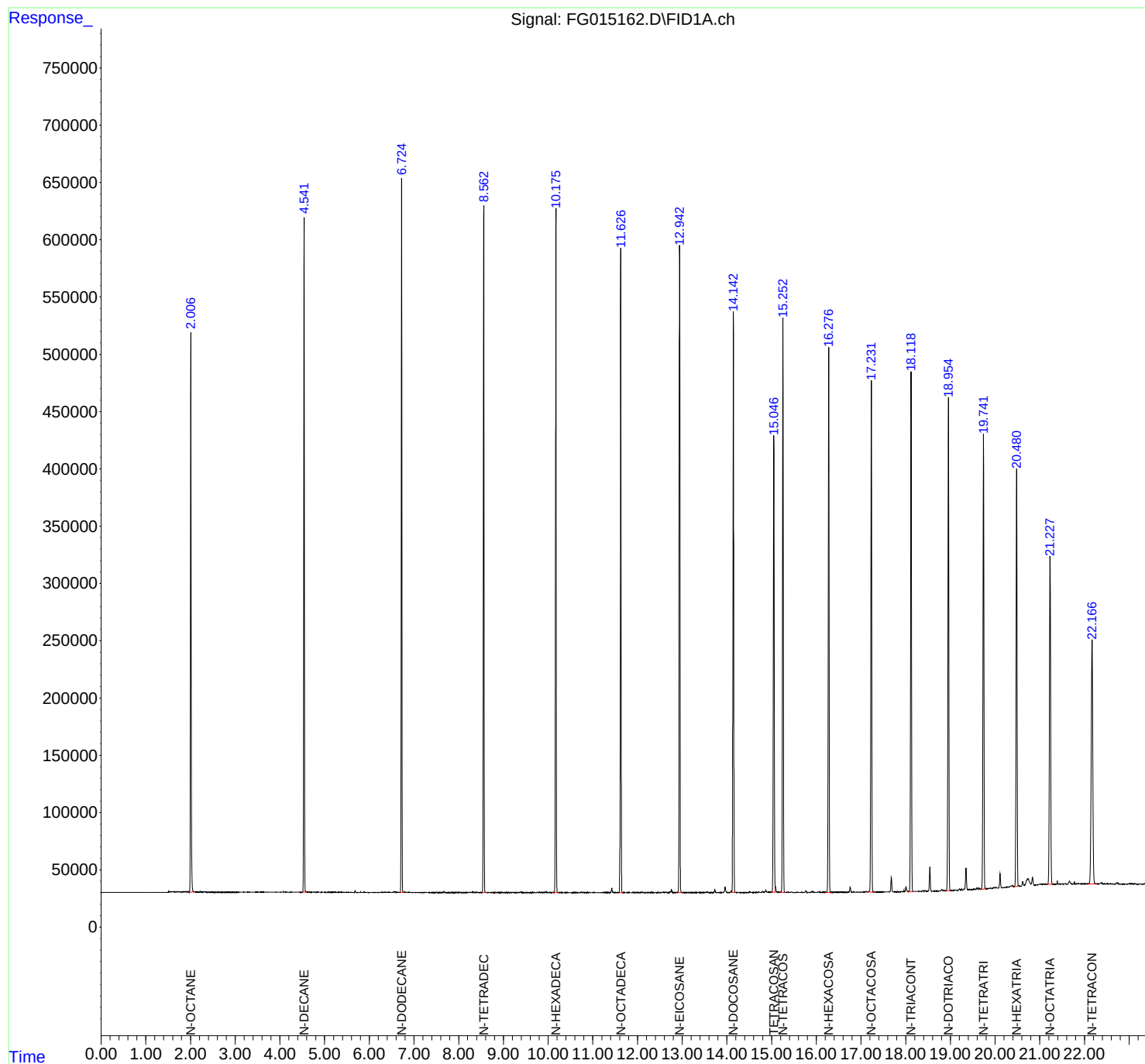
(m)=manual int.

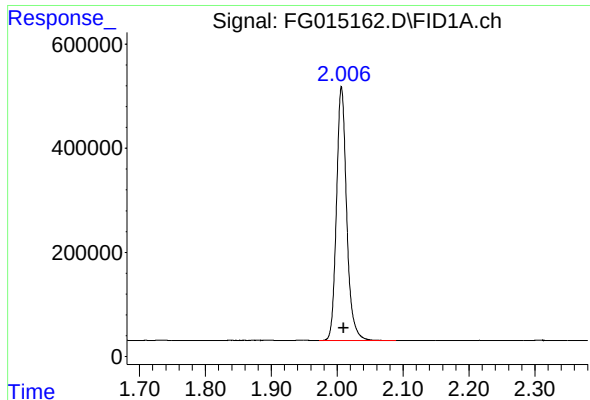
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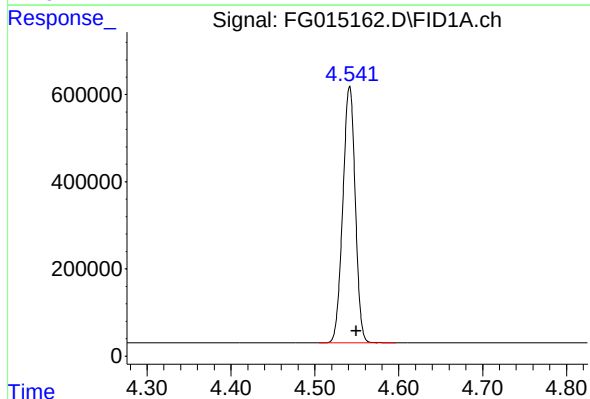




#1 N-OCTANE

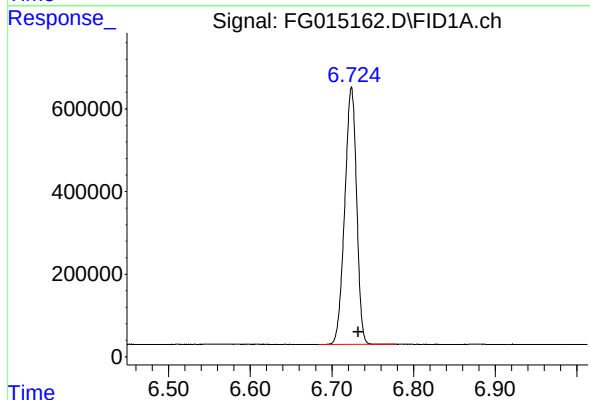
R.T.: 2.007 min
Delta R.T.: -0.003 min
Response: 5228781
Conc: 42.85 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



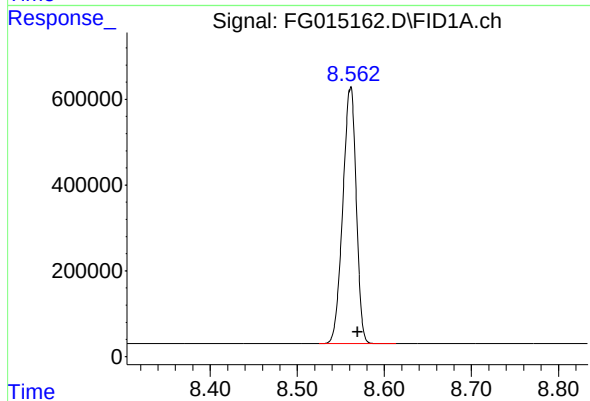
#2 N-DECANE

R.T.: 4.541 min
Delta R.T.: -0.008 min
Response: 6074271
Conc: 47.02 ug/ml



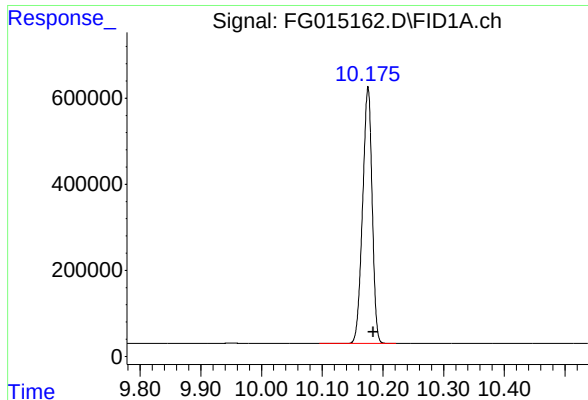
#3 N-DODECANE

R.T.: 6.724 min
Delta R.T.: -0.008 min
Response: 6288363
Conc: 46.16 ug/ml



#4 N-TETRADECANE

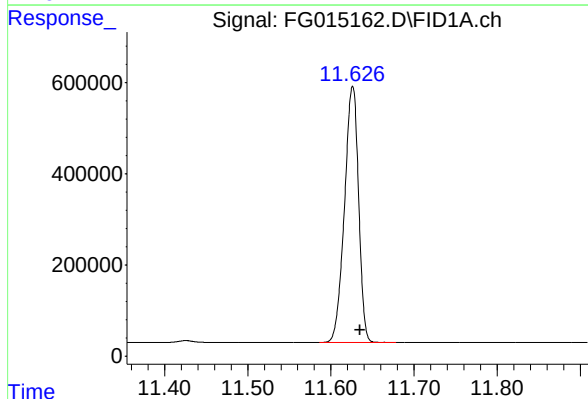
R.T.: 8.561 min
Delta R.T.: -0.008 min
Response: 6422640
Conc: 46.93 ug/ml



#5 N-HEXADECANE

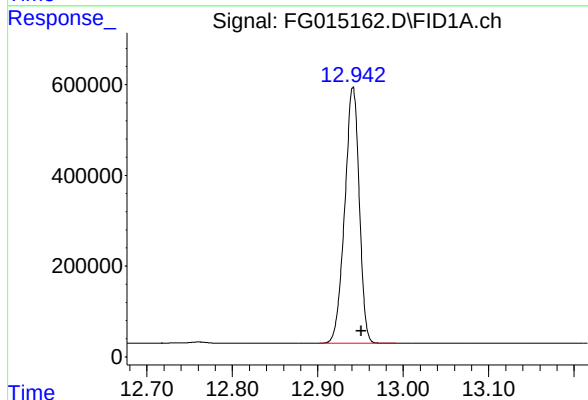
R.T.: 10.176 min
Delta R.T.: -0.009 min
Response: 6500858
Conc: 46.07 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



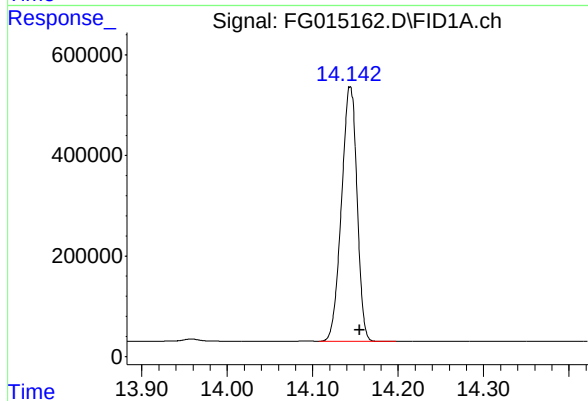
#6 N-OCTADECANE

R.T.: 11.626 min
Delta R.T.: -0.009 min
Response: 6630659
Conc: 45.20 ug/ml



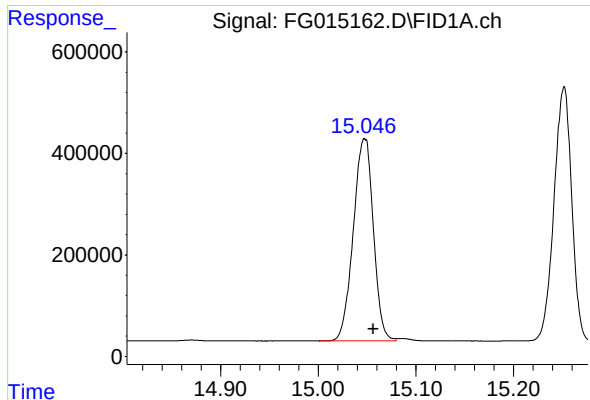
#7 N-EICOSANE

R.T.: 12.941 min
Delta R.T.: -0.010 min
Response: 6668128
Conc: 45.87 ug/ml



#8 N-DOCOSANE

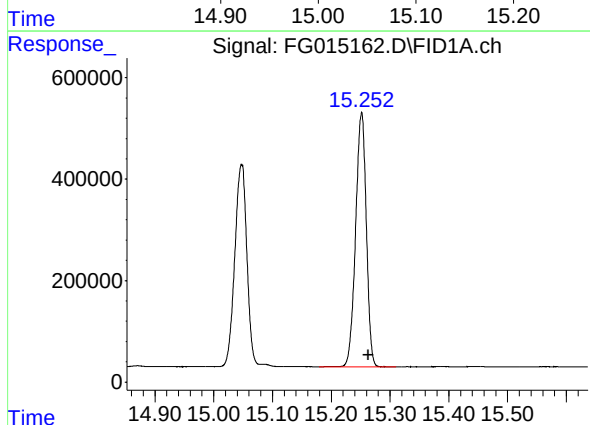
R.T.: 14.144 min
Delta R.T.: -0.011 min
Response: 6414289
Conc: 44.71 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

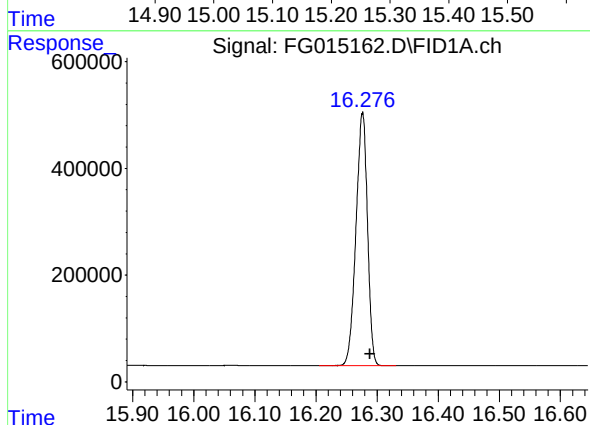
R.T.: 15.048 min
Delta R.T.: -0.008 min
Response: 5688390
Conc: 44.35 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



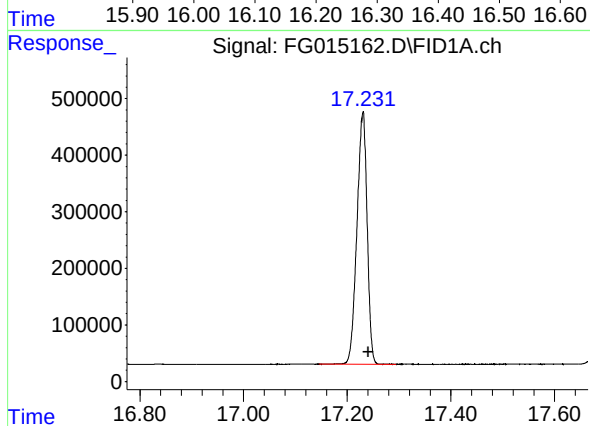
#10 N-TETRACOSANE

R.T.: 15.252 min
Delta R.T.: -0.011 min
Response: 6329515
Conc: 44.32 ug/ml



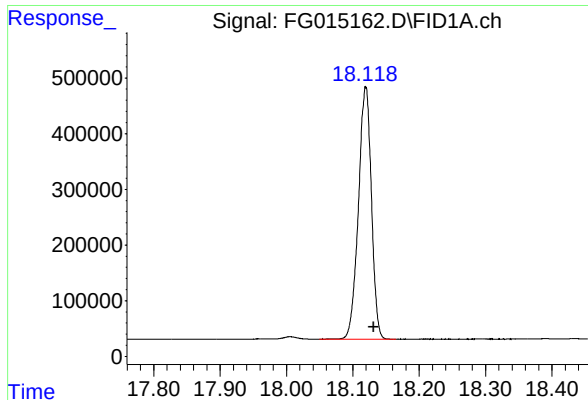
#11 N-HEXACOSANE

R.T.: 16.276 min
Delta R.T.: -0.012 min
Response: 6203422
Conc: 44.05 ug/ml



#12 N-OCTACOSANE

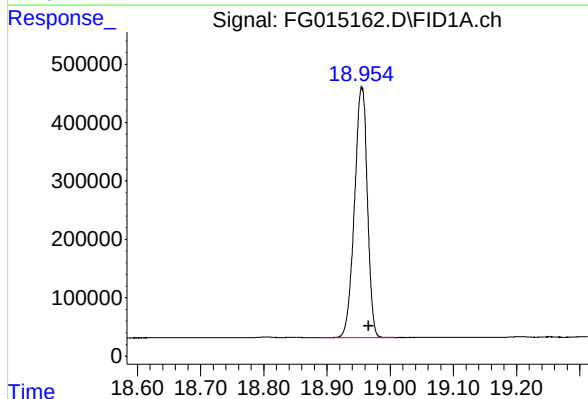
R.T.: 17.230 min
Delta R.T.: -0.010 min
Response: 6088338
Conc: 43.48 ug/ml



#13 N-TRIACONTANE

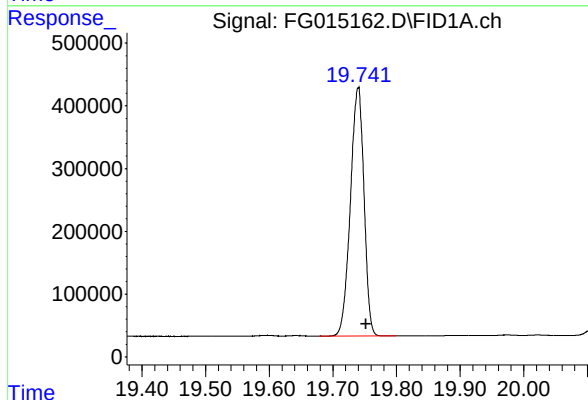
R.T.: 18.120 min
Delta R.T.: -0.012 min
Response: 6172690
Conc: 43.39 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



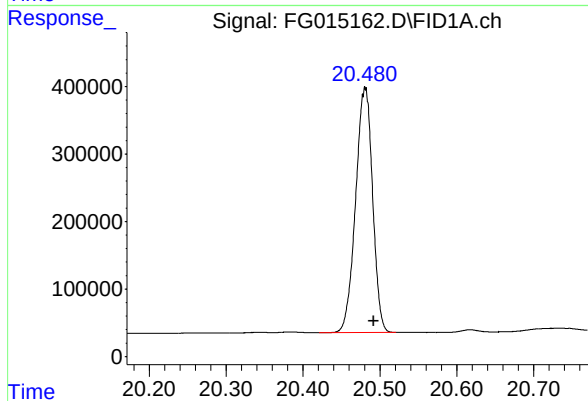
#14 N-DOTRIACONTANE

R.T.: 18.955 min
Delta R.T.: -0.011 min
Response: 6075048
Conc: 43.71 ug/ml



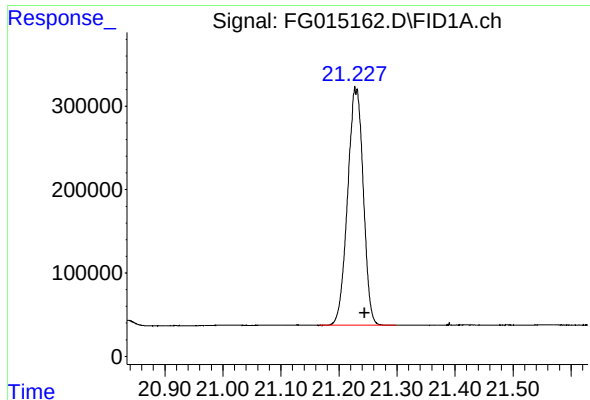
#15 N-TETRATRIACONTANE

R.T.: 19.740 min
Delta R.T.: -0.012 min
Response: 5896405
Conc: 47.06 ug/ml



#16 N-HEXATRIACONTANE

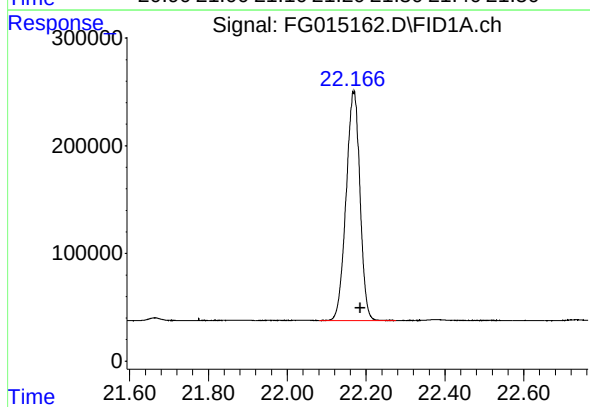
R.T.: 20.481 min
Delta R.T.: -0.011 min
Response: 5566939
Conc: 51.52 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.228 min
Delta R.T.: -0.016 min
Response: 5337600
Conc: 54.11 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.168 min
Delta R.T.: -0.017 min
Response: 5196621
Conc: 55.97 ug/ml