

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030425\
 Data File : FG015444.D
 Signal(s) : FID1A.ch
 Acq On : 04 Mar 2025 20:42
 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: Mar 05 00:24:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Quant Title :
 QLast Update : Mon Mar 03 14:06:11 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...	15.046	5686790	52.231 ug/ml
Target Compounds			
1) N-OCTANE	1.997	5724773	52.078 ug/ml
2) N-DECANE	4.538	6190163	55.630 ug/ml
3) N-DODECANE	6.723	6695504	57.611 ug/ml
4) N-TETRADECANE	8.560	6709876	58.231 ug/ml
5) N-HEXADECANE	10.175	6868543	57.869 ug/ml
6) N-OCTADECANE	11.625	6990306	56.444 ug/ml
7) N-EICOSANE	12.939	6662618	54.850 ug/ml
8) N-DOCOSANE	14.142	6394334	53.406 ug/ml
10) N-TETRACOSANE	15.250	6210328	52.006 ug/ml
11) N-HEXACOSANE	16.274	6008200	51.199 ug/ml
12) N-OCTACOSANE	17.227	5853138	50.566 ug/ml
13) N-TRIACONTANE	18.116	5796101	49.888 ug/ml
14) N-DOTRIACONTANE	18.953	5736038	49.718 ug/ml
15) N-TETRATRIACONTANE	19.738	5382429	50.118 ug/ml
16) N-HEXATRIACONTANE	20.478	5082122	53.012 ug/ml
17) N-OCTATRIACONTANE	21.230	4775201	53.505 ug/ml
18) N-TETRACONTANE	22.166	4739789	57.776 ug/ml

(f)=RT Delta > 1/2 Window

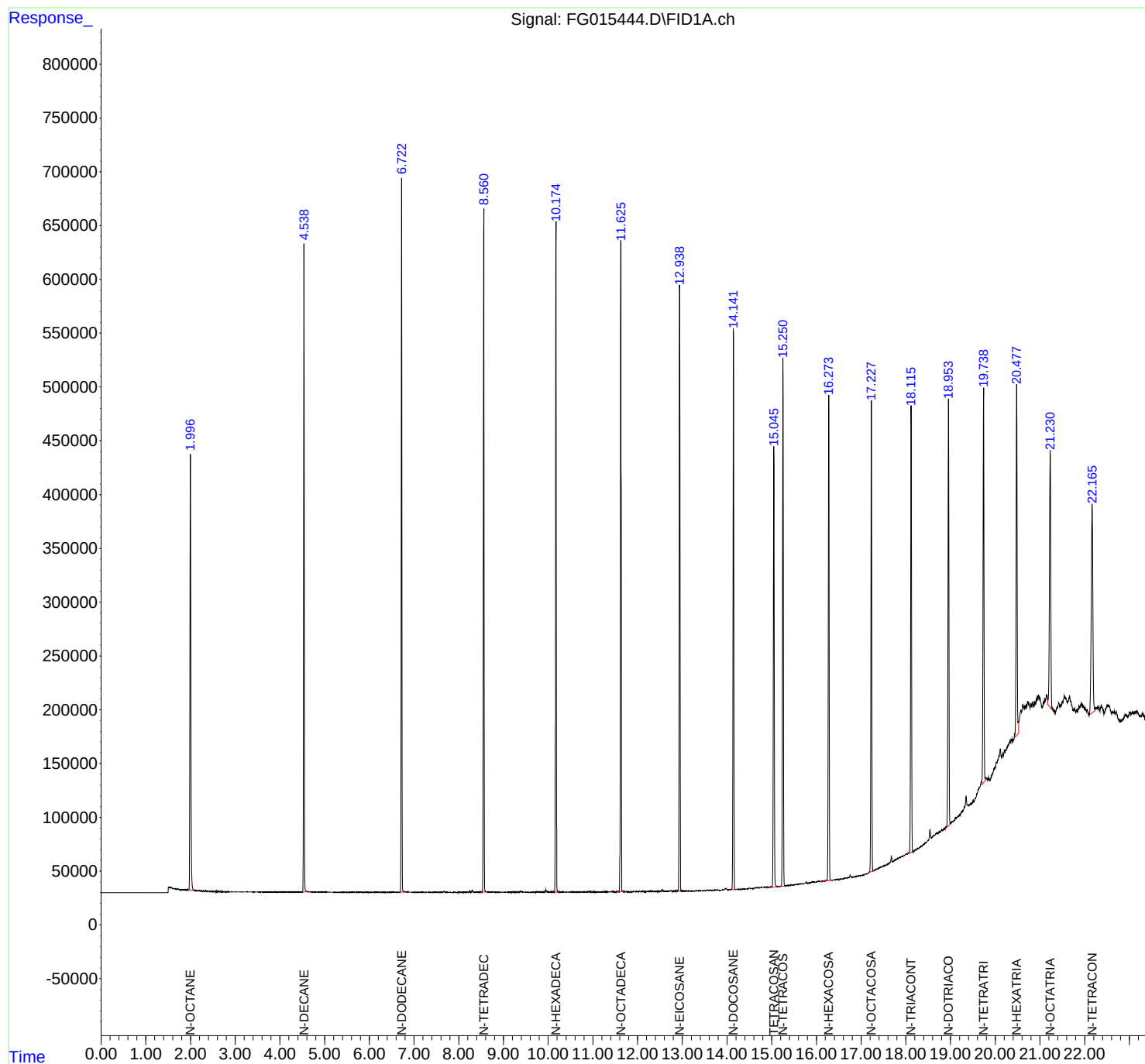
(m)=manual int.

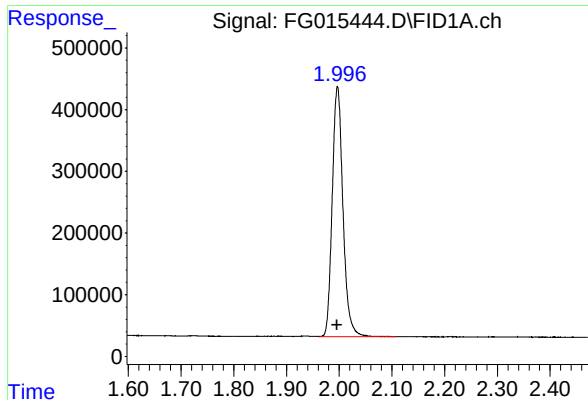
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

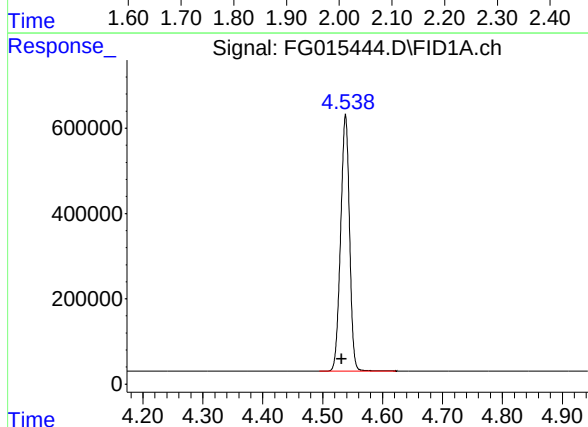




#1 N-OCTANE

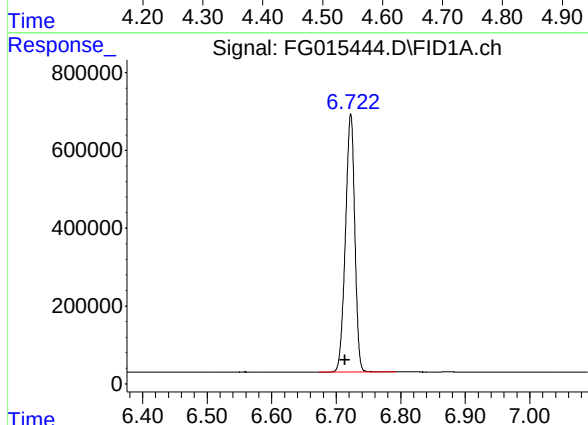
R.T.: 1.997 min
Delta R.T.: 0.000 min
Response: 5724773
Conc: 52.08 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



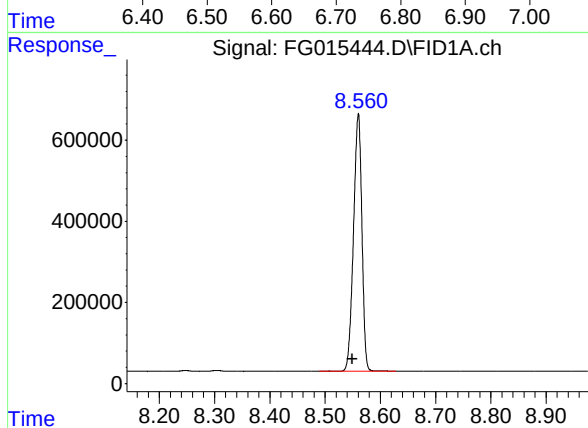
#2 N-DECANE

R.T.: 4.538 min
Delta R.T.: 0.006 min
Response: 6190163
Conc: 55.63 ug/ml



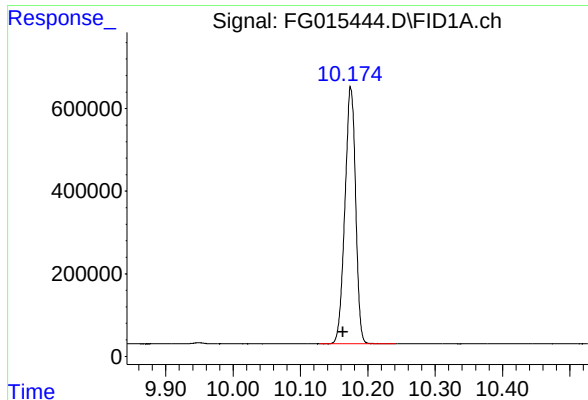
#3 N-DODECANE

R.T.: 6.723 min
Delta R.T.: 0.009 min
Response: 6695504
Conc: 57.61 ug/ml



#4 N-TETRADECANE

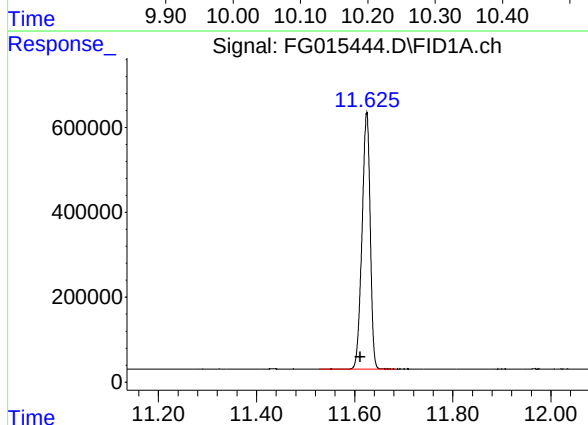
R.T.: 8.560 min
Delta R.T.: 0.011 min
Response: 6709876
Conc: 58.23 ug/ml



#5 N-HEXADECANE

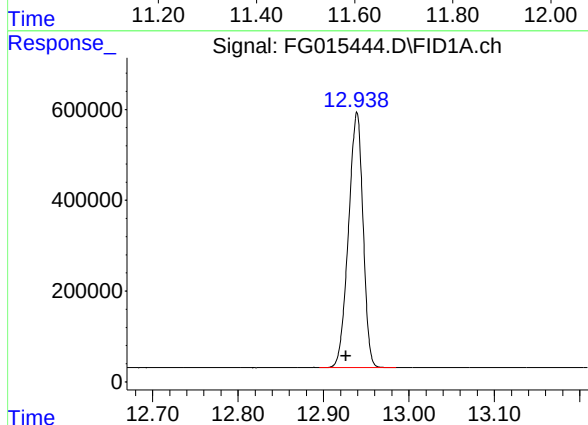
R.T.: 10.175 min
Delta R.T.: 0.011 min
Response: 6868543
Conc: 57.87 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



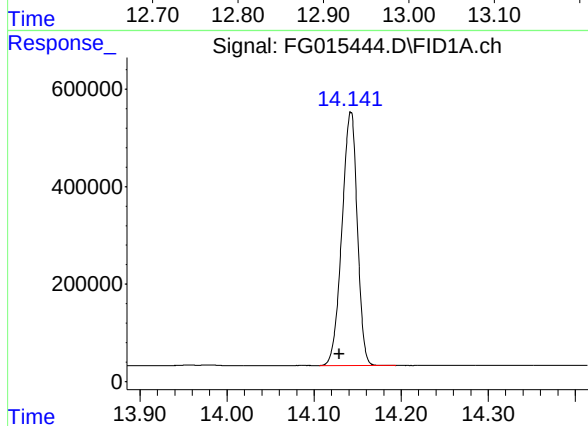
#6 N-OCTADECANE

R.T.: 11.625 min
Delta R.T.: 0.013 min
Response: 6990306
Conc: 56.44 ug/ml



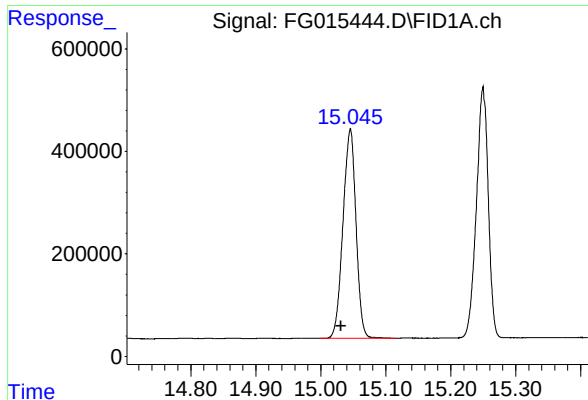
#7 N-EICOSANE

R.T.: 12.939 min
Delta R.T.: 0.013 min
Response: 6662618
Conc: 54.85 ug/ml



#8 N-DOCOSANE

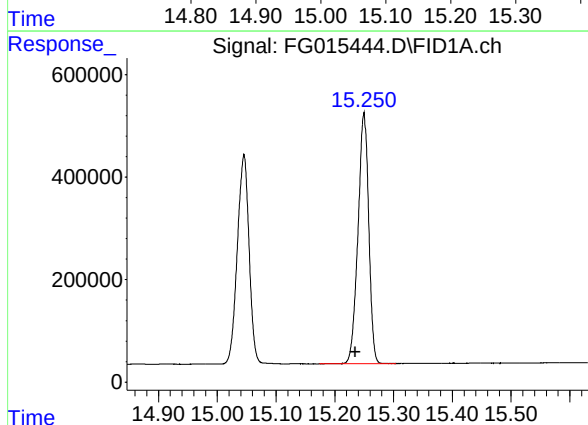
R.T.: 14.142 min
Delta R.T.: 0.013 min
Response: 6394334
Conc: 53.41 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

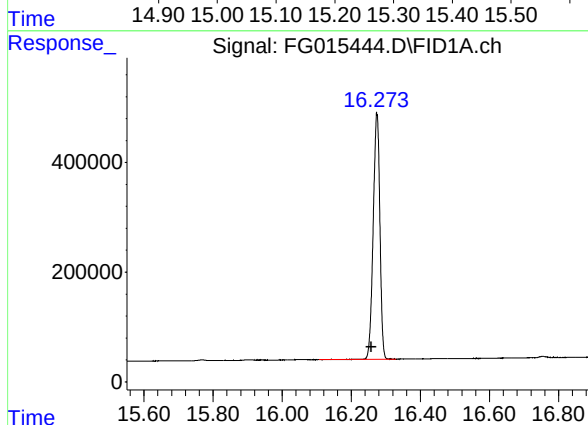
R.T.: 15.046 min
Delta R.T.: 0.015 min
Response: 5686790
Conc: 52.23 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



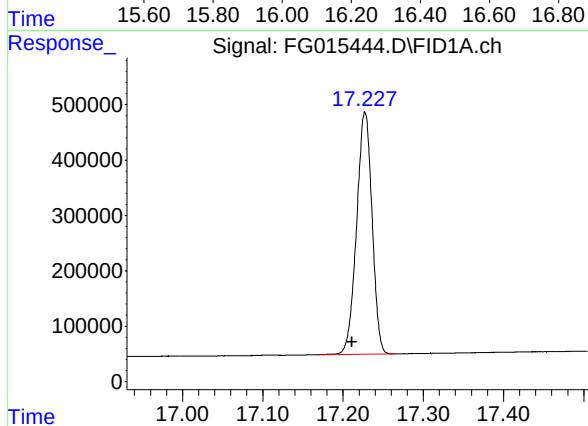
#10 N-TETRACOSANE

R.T.: 15.250 min
Delta R.T.: 0.015 min
Response: 6210328
Conc: 52.01 ug/ml



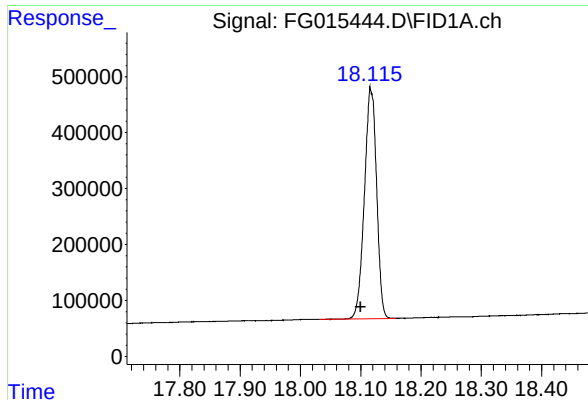
#11 N-HEXACOSANE

R.T.: 16.274 min
Delta R.T.: 0.016 min
Response: 6008200
Conc: 51.20 ug/ml



#12 N-OCTACOSANE

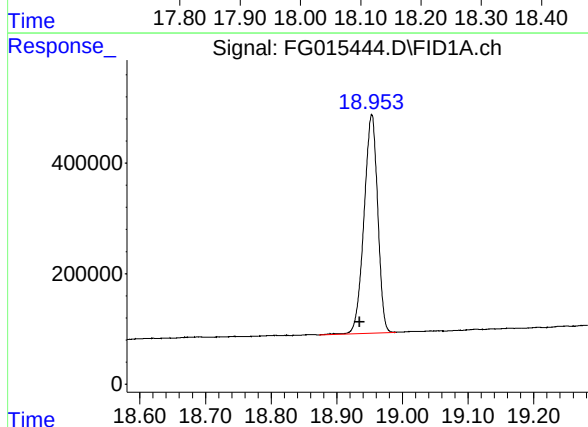
R.T.: 17.227 min
Delta R.T.: 0.016 min
Response: 5853138
Conc: 50.57 ug/ml



#13 N-TRIACONTANE

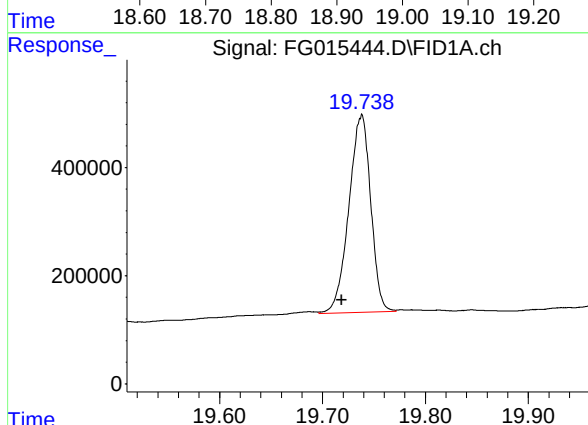
R.T.: 18.116 min
Delta R.T.: 0.017 min
Response: 5796101
Conc: 49.89 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



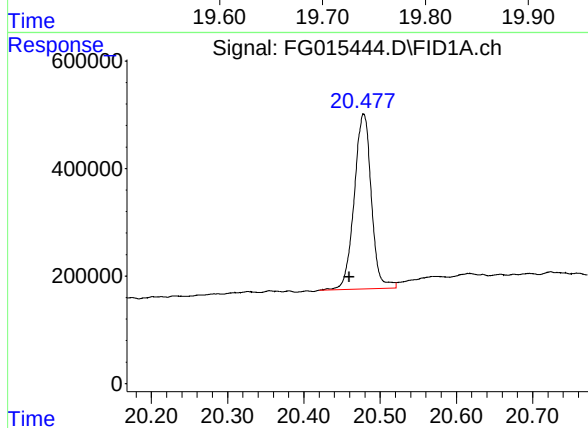
#14 N-DOTRIACONTANE

R.T.: 18.953 min
Delta R.T.: 0.018 min
Response: 5736038
Conc: 49.72 ug/ml



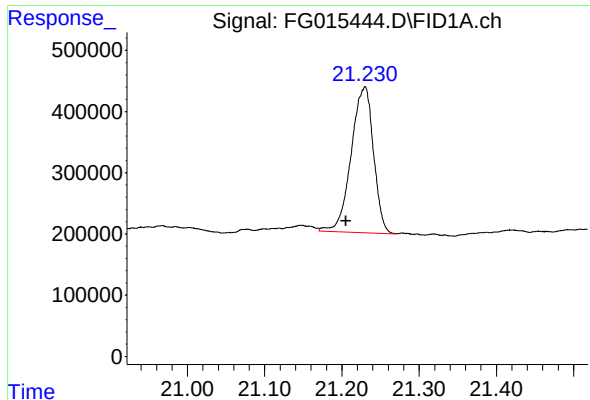
#15 N-TETRATRIACONTANE

R.T.: 19.738 min
Delta R.T.: 0.020 min
Response: 5382429
Conc: 50.12 ug/ml



#16 N-HEXATRIACONTANE

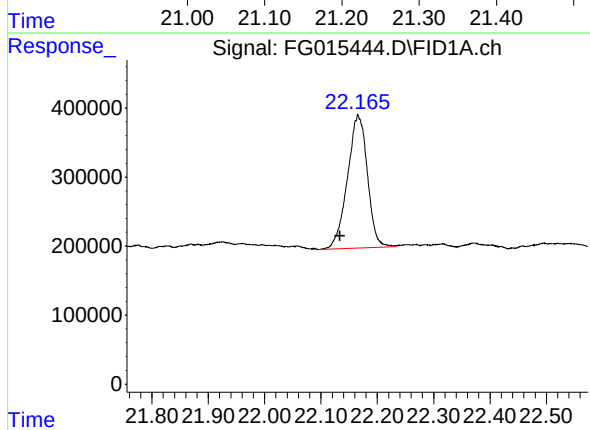
R.T.: 20.478 min
Delta R.T.: 0.019 min
Response: 5082122
Conc: 53.01 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.230 min
Delta R.T.: 0.025 min
Response: 4775201
Conc: 53.51 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.166 min
Delta R.T.: 0.032 min
Response: 4739789
Conc: 57.78 ug/ml