

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG093019\  
 Data File : FG006108.D  
 Signal(s) : FID1A.ch  
 Acq On : 30 Sep 2019 22:50  
 Operator : DD\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: Oct 01 02:20:35 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG090719.M  
 Quant Title :  
 QLast Update : Mon Sep 09 05:03:58 2019  
 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... | 14.722 | 5346460  | 47.588 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.316  | 6927847  | 49.753 ug/ml |
| 2) N-DECANE                   | 4.423  | 7106760  | 50.636 ug/ml |
| 3) N-DODECANE                 | 6.451  | 7017172  | 49.561 ug/ml |
| 4) N-TETRADECANE              | 8.252  | 6786044  | 48.131 ug/ml |
| 5) N-HEXADECANE               | 9.859  | 6636755  | 47.223 ug/ml |
| 6) N-OCTADECANE               | 11.305 | 6383831  | 46.548 ug/ml |
| 7) N-EICOSANE                 | 12.618 | 6258355  | 46.093 ug/ml |
| 8) N-DOCOSANE                 | 13.820 | 6101597  | 46.386 ug/ml |
| 10) N-TETRACOSANE             | 14.927 | 6066028  | 47.566 ug/ml |
| 11) N-HEXACOSANE              | 15.950 | 6017089  | 49.102 ug/ml |
| 12) N-OCTACOSANE              | 16.903 | 6040143  | 51.220 ug/ml |
| 13) N-TRIACONTANE             | 17.793 | 6132378  | 54.121 ug/ml |
| 14) N-DOTRIACONTANE           | 18.628 | 6040965  | 56.443 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.416 | 6246044  | 60.385 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.160 | 6408843  | 64.326 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.911 | 6837693  | 72.269 ug/ml |
| 18) N-TETRACONTANE            | 21.847 | 5415114  | 55.141 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

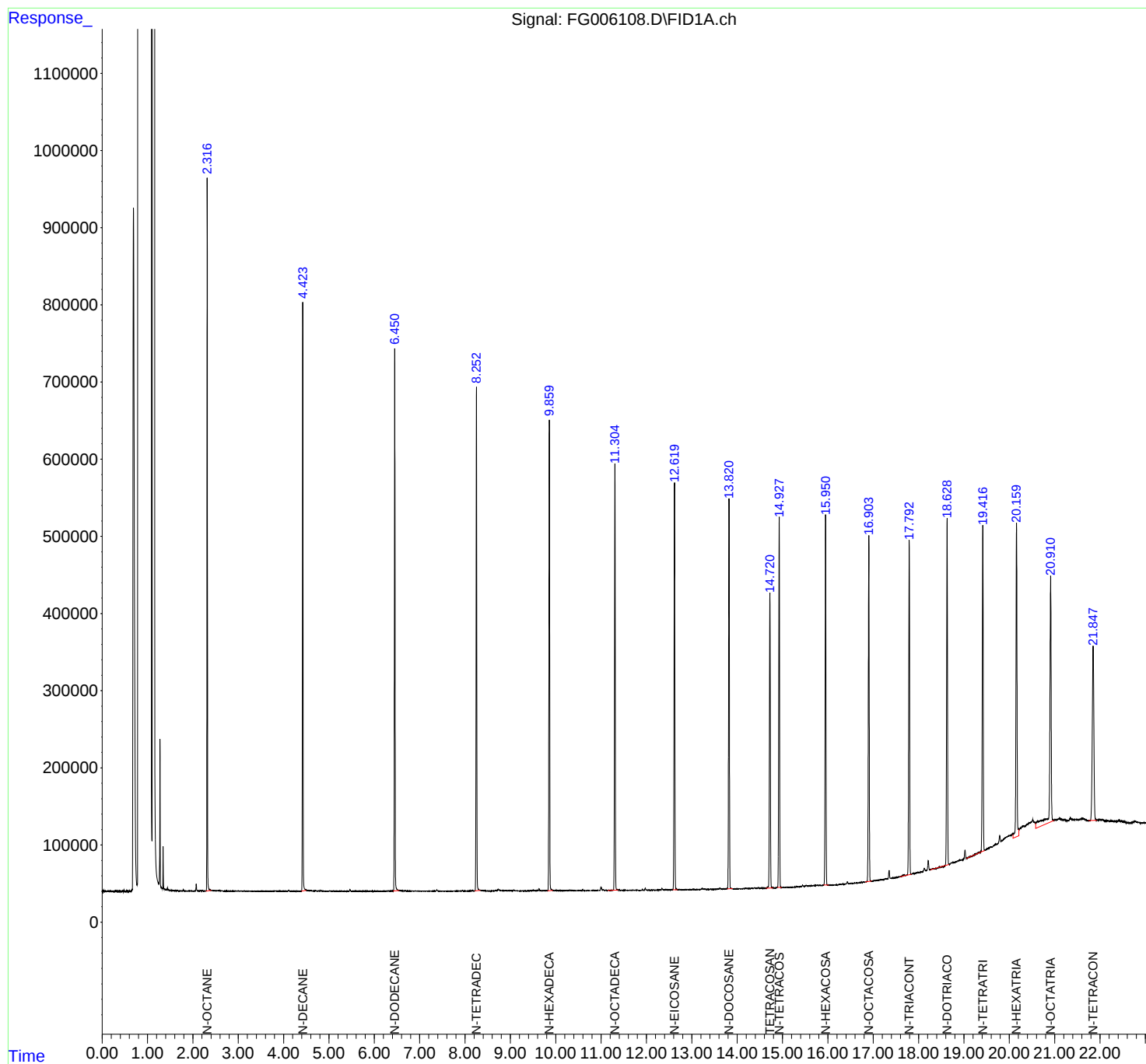
(m)=manual int.

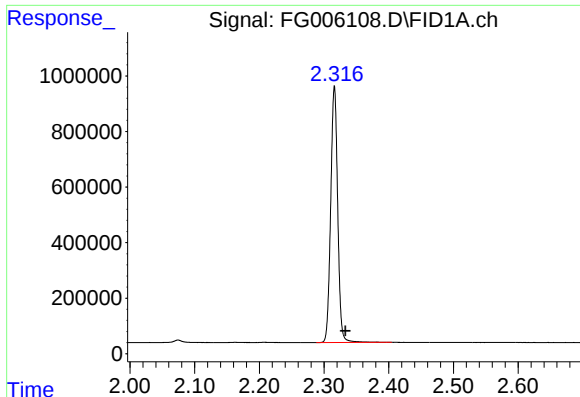
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Integrator: ChemStation

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

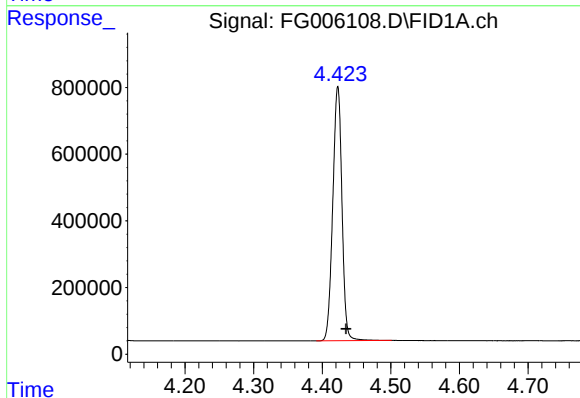




#1 N-OCTANE

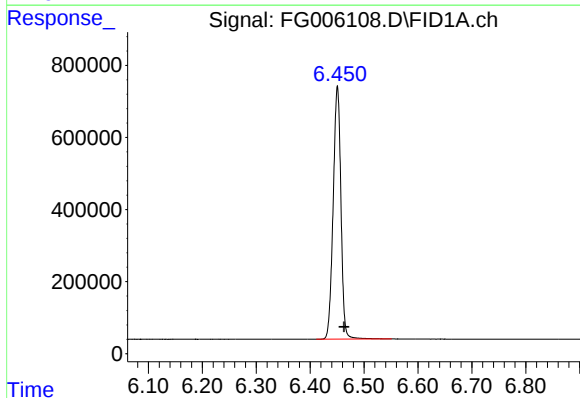
R.T.: 2.316 min  
Delta R.T.: -0.017 min  
Response: 6927847  
Conc: 49.75 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



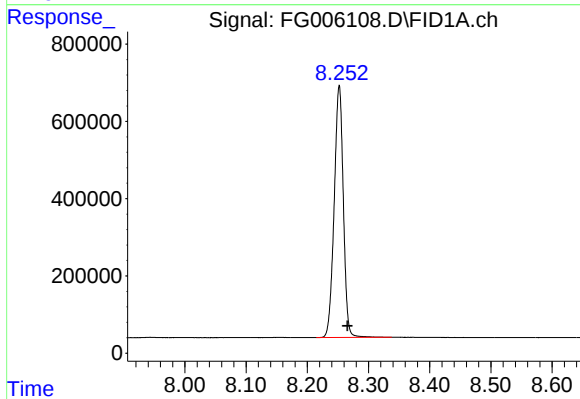
#2 N-DECANE

R.T.: 4.423 min  
Delta R.T.: -0.012 min  
Response: 7106760  
Conc: 50.64 ug/ml



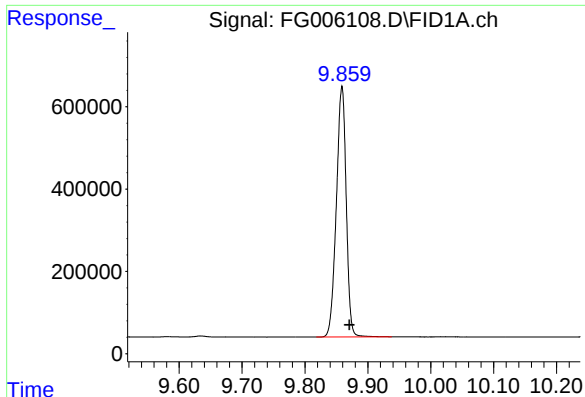
#3 N-DODECANE

R.T.: 6.451 min  
Delta R.T.: -0.012 min  
Response: 7017172  
Conc: 49.56 ug/ml



#4 N-TETRADECANE

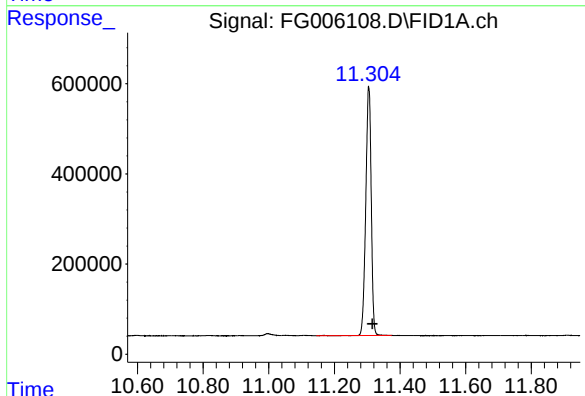
R.T.: 8.252 min  
Delta R.T.: -0.013 min  
Response: 6786044  
Conc: 48.13 ug/ml



#5 N-HEXADECANE

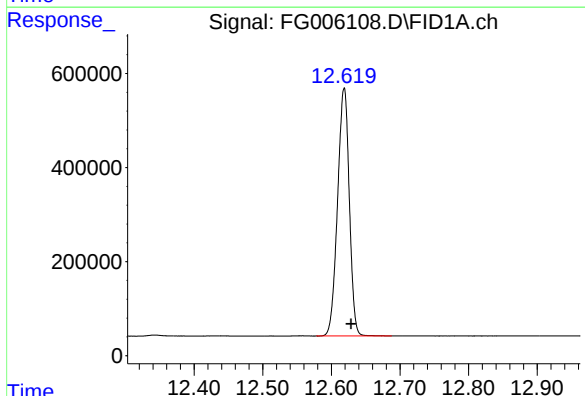
R.T.: 9.859 min  
Delta R.T.: -0.012 min  
Response: 6636755  
Conc: 47.22 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



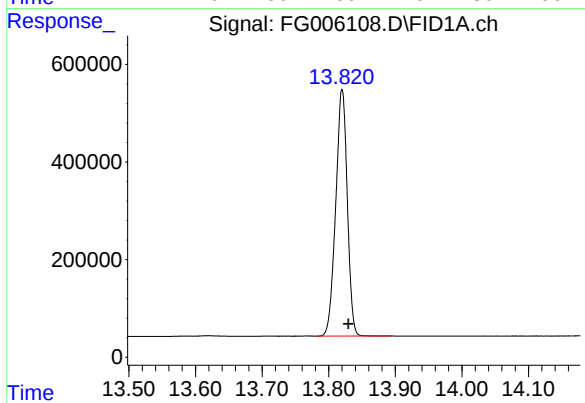
#6 N-OCTADECANE

R.T.: 11.305 min  
Delta R.T.: -0.011 min  
Response: 6383831  
Conc: 46.55 ug/ml



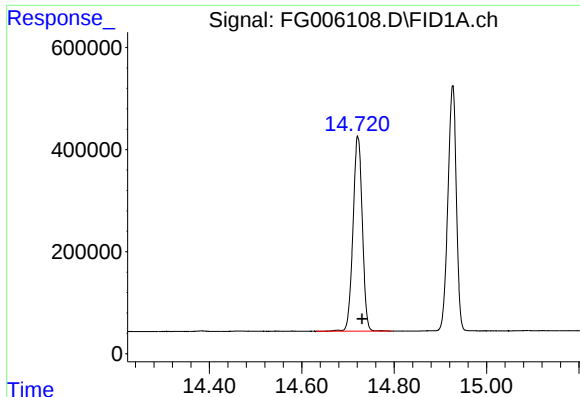
#7 N-EICOSANE

R.T.: 12.618 min  
Delta R.T.: -0.010 min  
Response: 6258355  
Conc: 46.09 ug/ml



#8 N-DOCOSANE

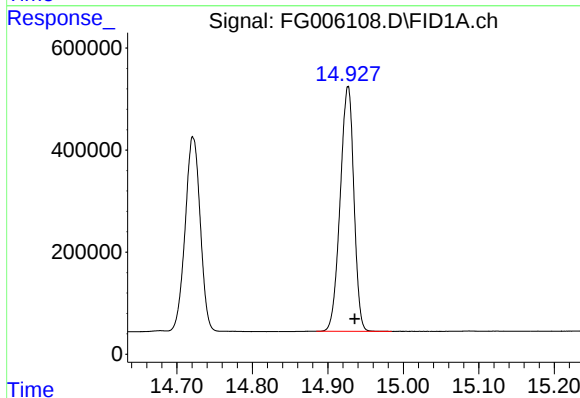
R.T.: 13.820 min  
Delta R.T.: -0.010 min  
Response: 6101597  
Conc: 46.39 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

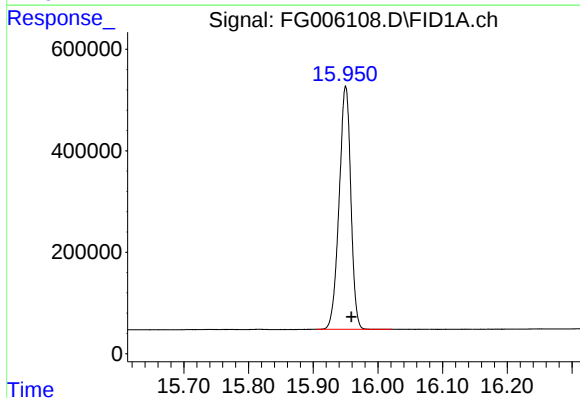
R.T.: 14.722 min  
Delta R.T.: -0.010 min  
Response: 5346460  
Conc: 47.59 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



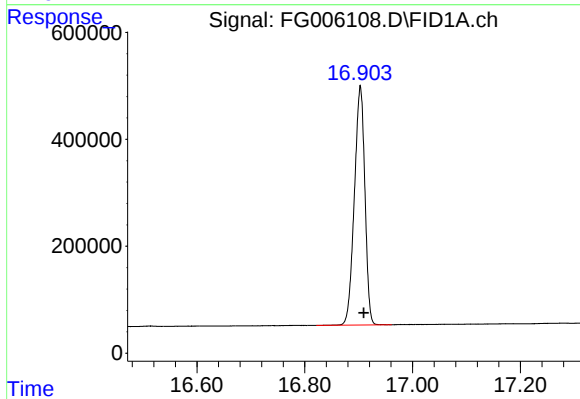
#10 N-TETRACOSANE

R.T.: 14.927 min  
Delta R.T.: -0.009 min  
Response: 6066028  
Conc: 47.57 ug/ml



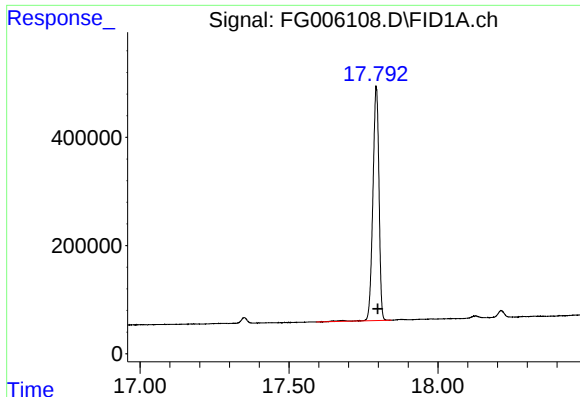
#11 N-HEXACOSANE

R.T.: 15.950 min  
Delta R.T.: -0.009 min  
Response: 6017089  
Conc: 49.10 ug/ml



#12 N-OCTACOSANE

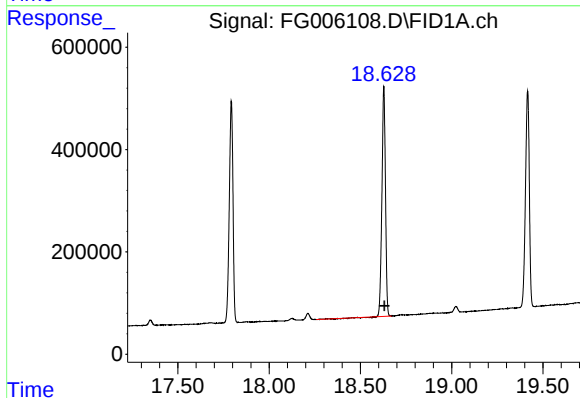
R.T.: 16.903 min  
Delta R.T.: -0.006 min  
Response: 6040143  
Conc: 51.22 ug/ml



#13 N-TRIACONTANE

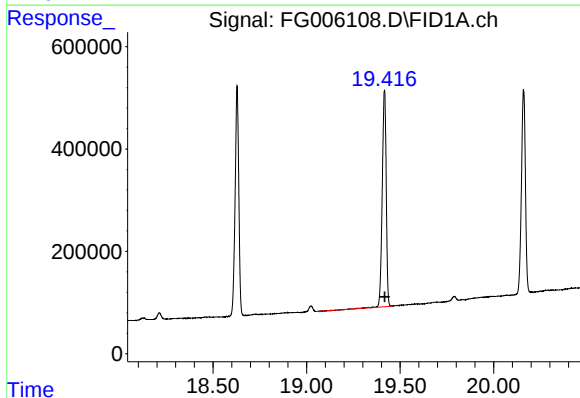
R.T.: 17.793 min  
Delta R.T.: -0.006 min  
Response: 6132378  
Conc: 54.12 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



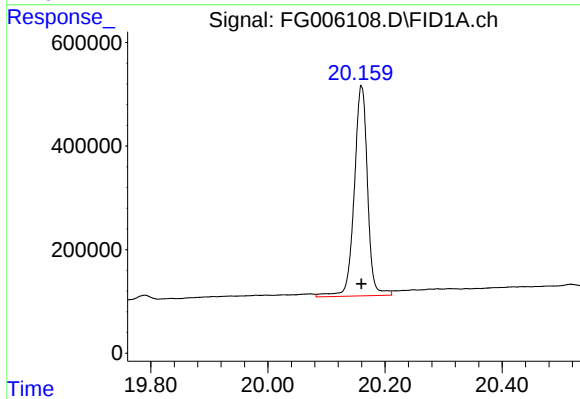
#14 N-DOTRIACONTANE

R.T.: 18.628 min  
Delta R.T.: -0.003 min  
Response: 6040965  
Conc: 56.44 ug/ml



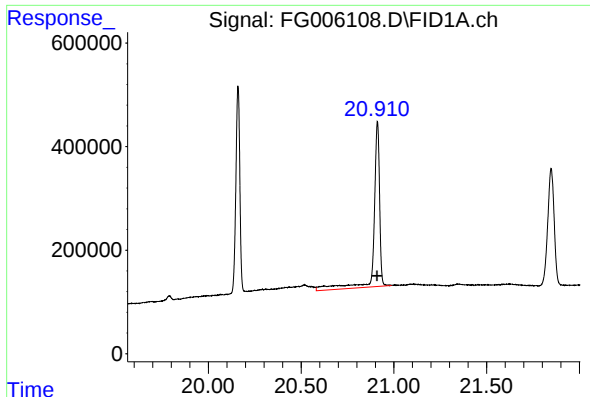
#15 N-TETRATRIACONTANE

R.T.: 19.416 min  
Delta R.T.: -0.001 min  
Response: 6246044  
Conc: 60.38 ug/ml



#16 N-HEXATRIACONTANE

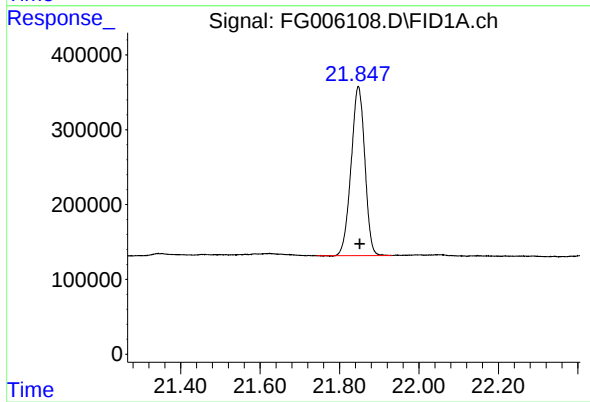
R.T.: 20.160 min  
Delta R.T.: 0.000 min  
Response: 6408843  
Conc: 64.33 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.911 min  
Delta R.T.: 0.002 min  
Response: 6837693  
Conc: 72.27 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.847 min  
Delta R.T.: -0.004 min  
Response: 5415114  
Conc: 55.14 ug/ml