

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG082819\  
 Data File : FG005766.D  
 Signal(s) : FID1A.ch  
 Acq On : 28 Aug 2019 12:23  
 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: Aug 28 14:21:45 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080819.M  
 Quant Title :  
 QLast Update : Thu Aug 08 16:03:53 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... | 14.743 | 6443929  | 50.438 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.329  | 6113738  | 43.892 ug/ml |
| 2) N-DECANE                   | 4.444  | 7847221  | 55.139 ug/ml |
| 3) N-DODECANE                 | 6.473  | 8105170  | 55.326 ug/ml |
| 4) N-TETRADECANE              | 8.275  | 8092042  | 54.589 ug/ml |
| 5) N-HEXADECANE               | 9.881  | 8093670  | 53.885 ug/ml |
| 6) N-OCTADECANE               | 11.327 | 7892872  | 52.906 ug/ml |
| 7) N-EICOSANE                 | 12.641 | 7800619  | 52.008 ug/ml |
| 8) N-DOCOSANE                 | 13.842 | 7559254  | 51.222 ug/ml |
| 10) N-TETRACOSANE             | 14.949 | 7361781  | 50.654 ug/ml |
| 11) N-HEXACOSANE              | 15.971 | 7187170  | 50.074 ug/ml |
| 12) N-OCTACOSANE              | 16.922 | 7115827  | 47.071 ug/ml |
| 13) N-TRIACONTANE             | 17.812 | 7168014  | 47.393 ug/ml |
| 14) N-DOTRIACONTANE           | 18.647 | 7048173  | 52.637 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.434 | 6907110  | 55.915 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.178 | 6455546  | 55.991 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.933 | 6005350  | 57.518 ug/ml |
| 18) N-TETRACONTANE            | 21.876 | 5999421  | 57.689 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

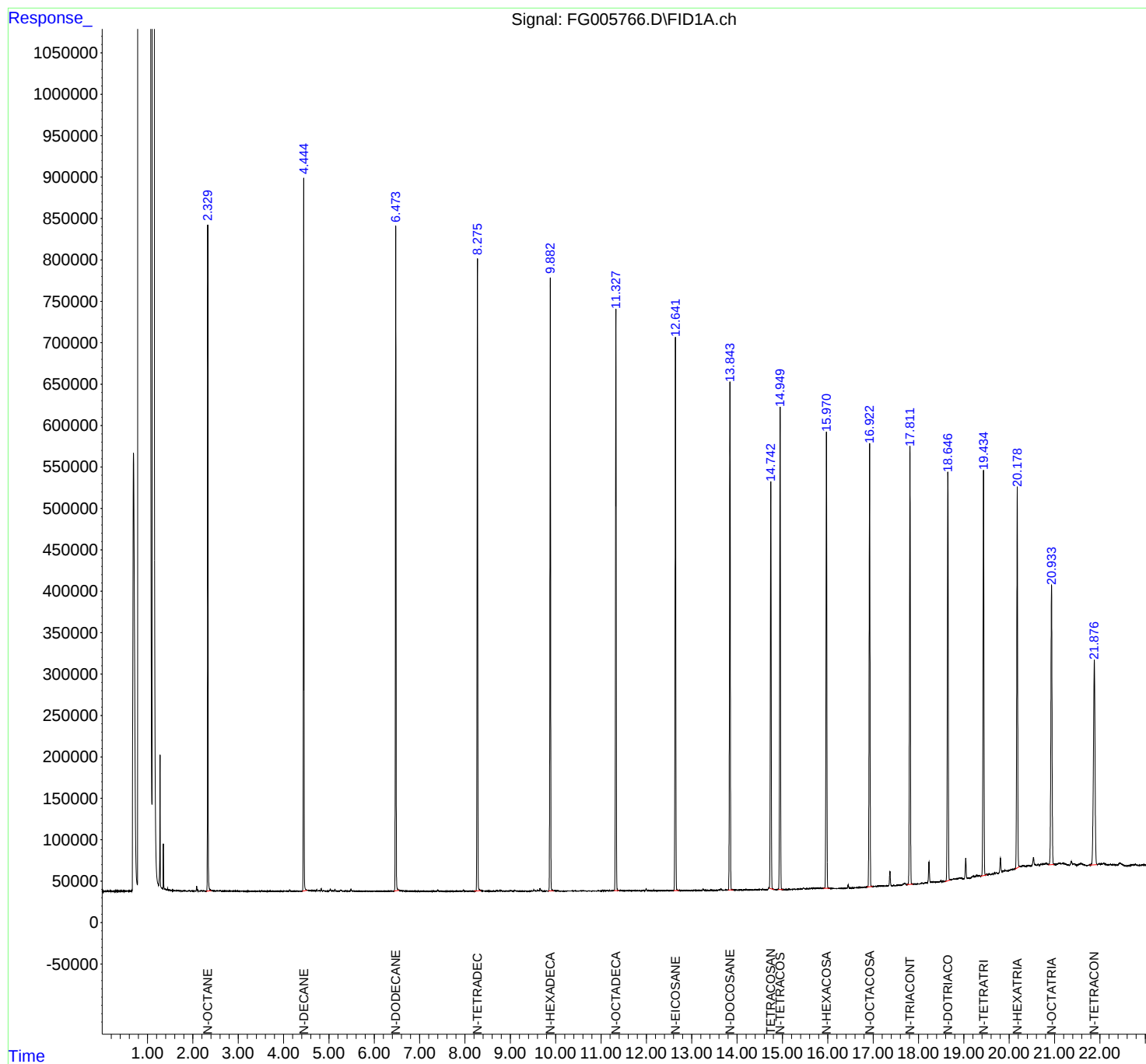
(m)=manual int.

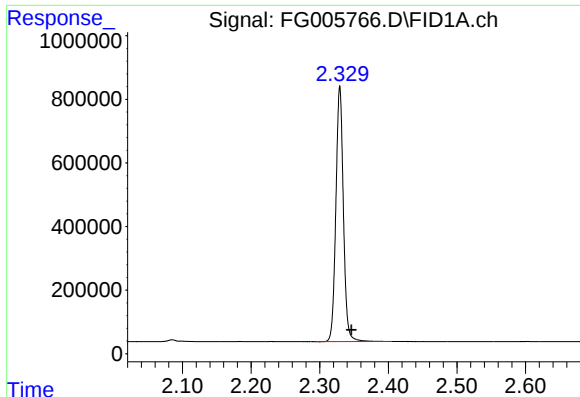
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG082819\  
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Signal Info : 20mx0.18mmx0.18um

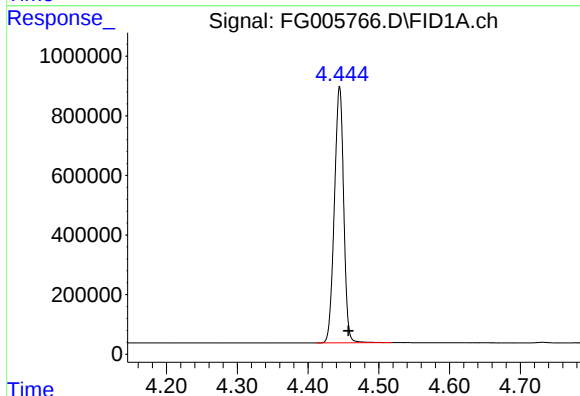




#1 N-OCTANE

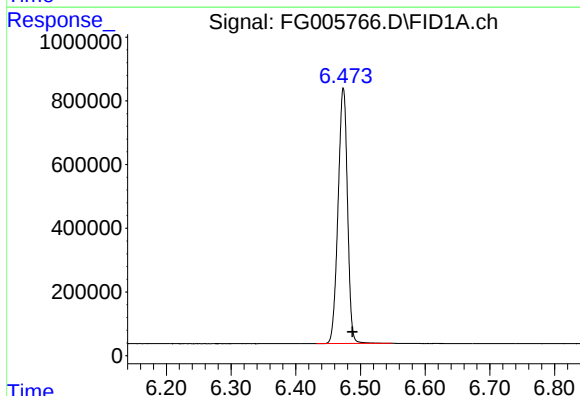
R.T.: 2.329 min  
Delta R.T.: -0.017 min  
Response: 6113738  
Conc: 43.89 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



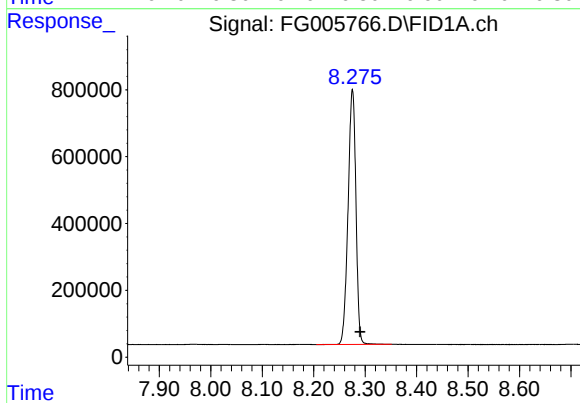
#2 N-DECANE

R.T.: 4.444 min  
Delta R.T.: -0.013 min  
Response: 7847221  
Conc: 55.14 ug/ml



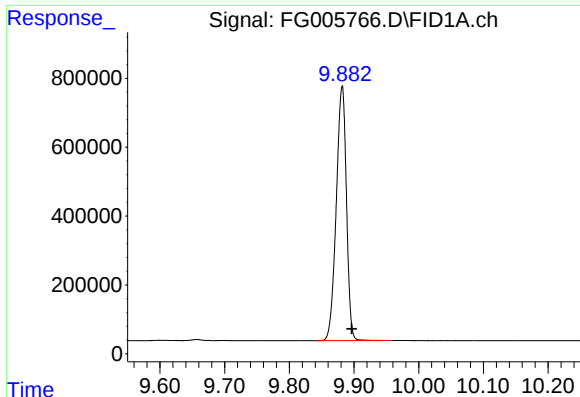
#3 N-DODECANE

R.T.: 6.473 min  
Delta R.T.: -0.014 min  
Response: 8105170  
Conc: 55.33 ug/ml



#4 N-TETRADECANE

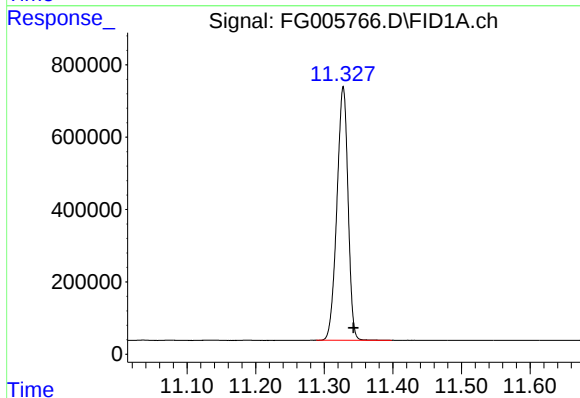
R.T.: 8.275 min  
Delta R.T.: -0.015 min  
Response: 8092042  
Conc: 54.59 ug/ml



#5 N-HEXADECANE

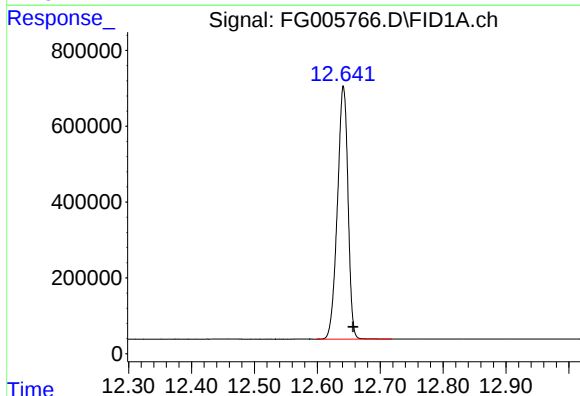
R.T.: 9.881 min  
Delta R.T.: -0.015 min  
Response: 8093670  
Conc: 53.89 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



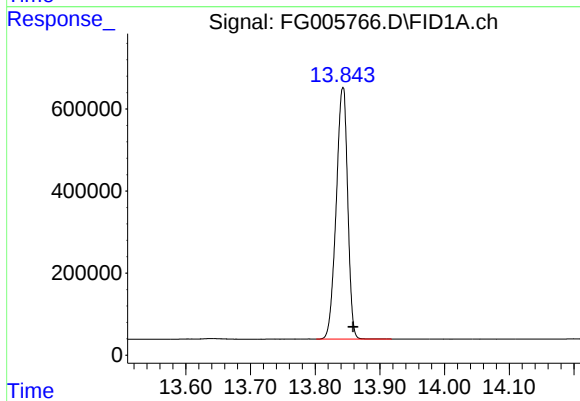
#6 N-OCTADECANE

R.T.: 11.327 min  
Delta R.T.: -0.015 min  
Response: 7892872  
Conc: 52.91 ug/ml



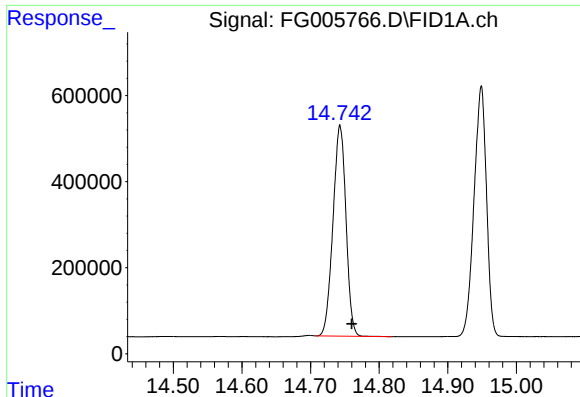
#7 N-EICOSANE

R.T.: 12.641 min  
Delta R.T.: -0.015 min  
Response: 7800619  
Conc: 52.01 ug/ml



#8 N-DOCOSANE

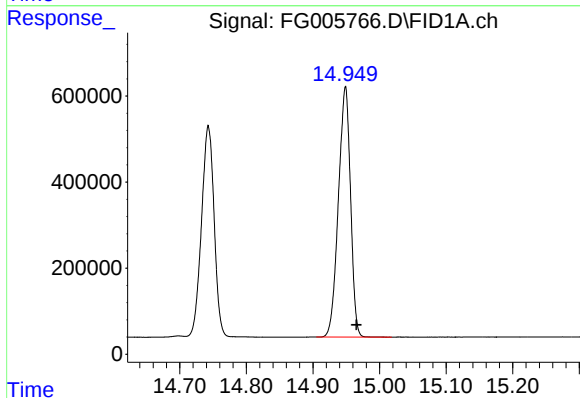
R.T.: 13.842 min  
Delta R.T.: -0.016 min  
Response: 7559254  
Conc: 51.22 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

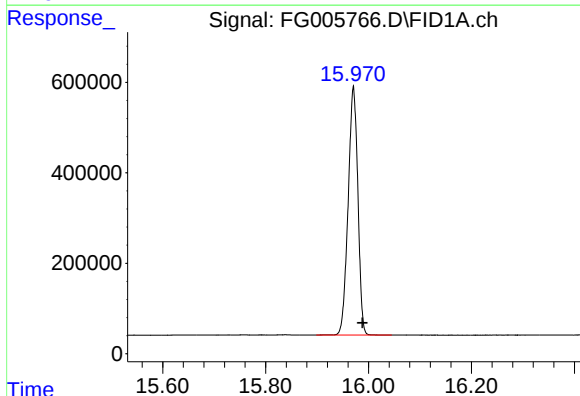
R.T.: 14.743 min  
Delta R.T.: -0.017 min  
Response: 6443929  
Conc: 50.44 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



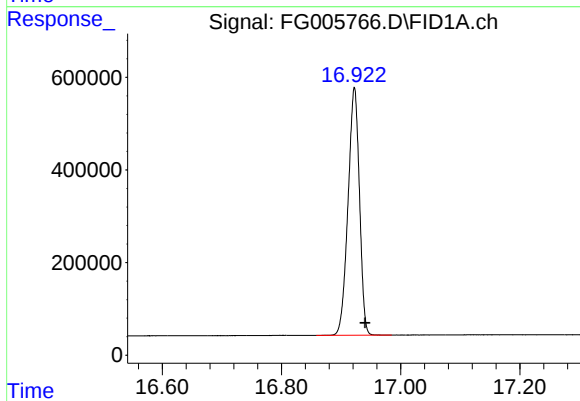
#10 N-TETRACOSANE

R.T.: 14.949 min  
Delta R.T.: -0.017 min  
Response: 7361781  
Conc: 50.65 ug/ml



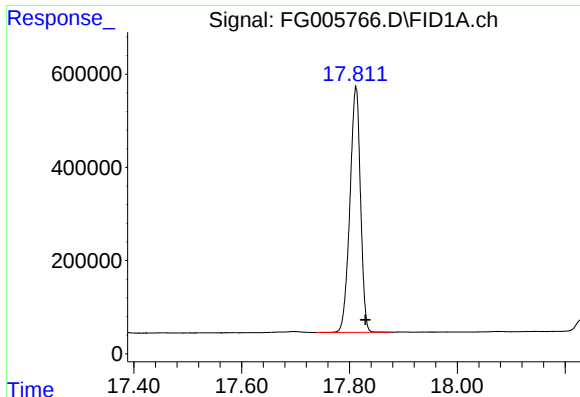
#11 N-HEXACOSANE

R.T.: 15.971 min  
Delta R.T.: -0.017 min  
Response: 7187170  
Conc: 50.07 ug/ml



#12 N-OCTACOSANE

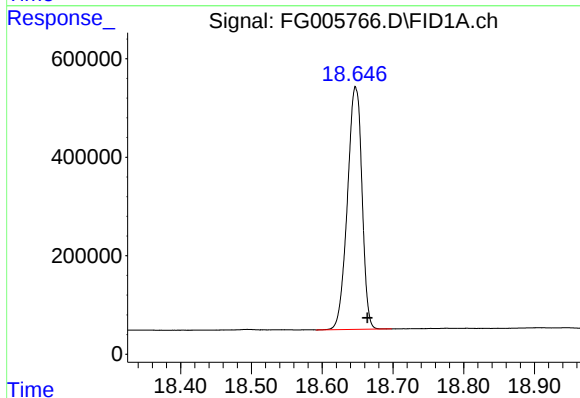
R.T.: 16.922 min  
Delta R.T.: -0.018 min  
Response: 7115827  
Conc: 47.07 ug/ml



#13 N-TRIACONTANE

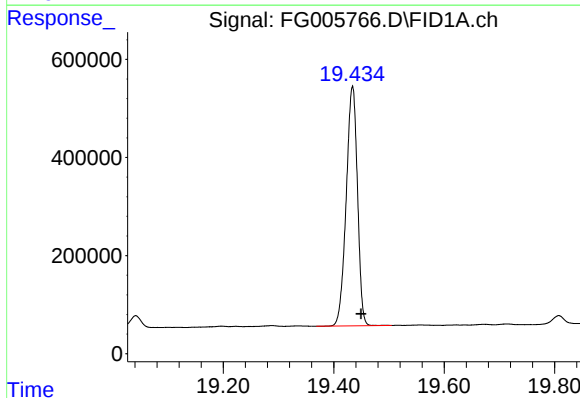
R.T.: 17.812 min  
Delta R.T.: -0.017 min  
Response: 7168014  
Conc: 47.39 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



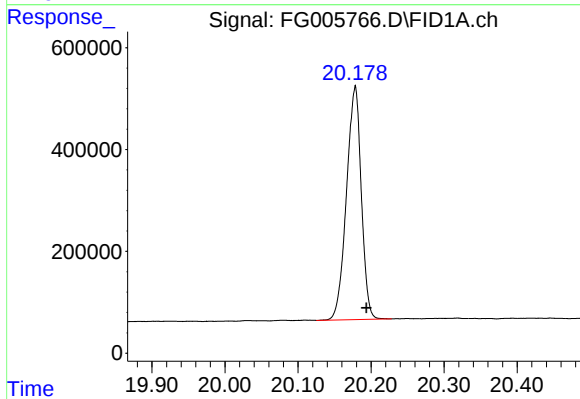
#14 N-DOTRIACONTANE

R.T.: 18.647 min  
Delta R.T.: -0.017 min  
Response: 7048173  
Conc: 52.64 ug/ml



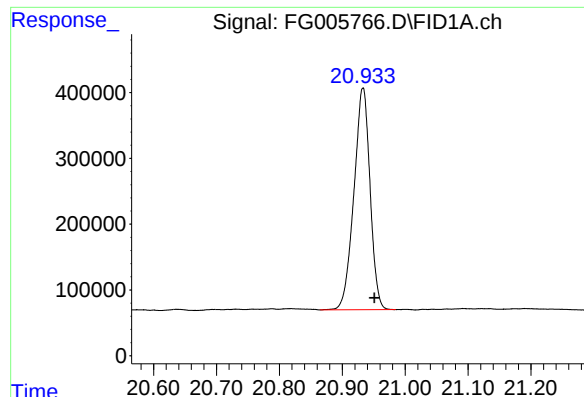
#15 N-TETRATRIACONTANE

R.T.: 19.434 min  
Delta R.T.: -0.016 min  
Response: 6907110  
Conc: 55.92 ug/ml



#16 N-HEXATRIACONTANE

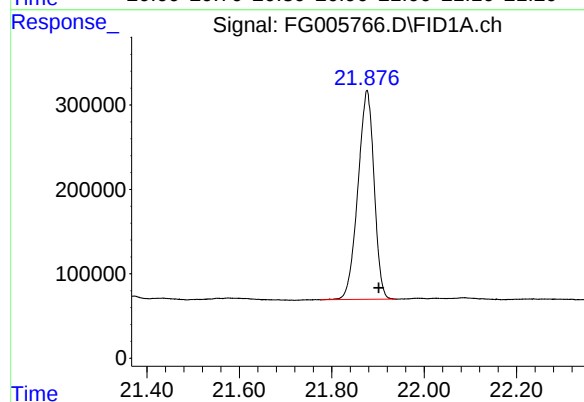
R.T.: 20.178 min  
Delta R.T.: -0.016 min  
Response: 6455546  
Conc: 55.99 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.933 min  
Delta R.T.: -0.018 min  
Response: 6005350  
Conc: 57.52 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.876 min  
Delta R.T.: -0.026 min  
Response: 5999421  
Conc: 57.69 ug/ml