

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG100722\  
 Data File : FG010812.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Oct 2022 11:26  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Oct 08 19:48:41 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG092822.M  
 Quant Title :  
 QLast Update : Thu Sep 29 02:21:49 2022  
 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 | 5584204  | 46.029 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.769  | 5929322  | 46.508 ug/ml |
| 2) N-DECANE                   | 4.264  | 6251133  | 48.035 ug/ml |
| 3) N-DODECANE                 | 6.447  | 6350786  | 47.887 ug/ml |
| 4) N-TETRADECANE              | 8.279  | 6384301  | 47.612 ug/ml |
| 5) N-HEXADECANE               | 9.887  | 6499357  | 46.873 ug/ml |
| 6) N-OCTADECANE               | 11.331 | 6538825  | 46.395 ug/ml |
| 7) N-EICOSANE                 | 12.642 | 6496902  | 45.944 ug/ml |
| 8) N-DOCOSANE                 | 13.841 | 6324097  | 45.684 ug/ml |
| 10) N-TETRACOSANE             | 14.946 | 6278590  | 45.572 ug/ml |
| 11) N-HEXACOSANE              | 15.970 | 6136154  | 45.482 ug/ml |
| 12) N-OCTACOSANE              | 16.920 | 6024015  | 45.938 ug/ml |
| 13) N-TRIACONTANE             | 17.810 | 6058161  | 47.065 ug/ml |
| 14) N-DOTRIACONTANE           | 18.645 | 6051934  | 47.626 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.430 | 5561240  | 44.301 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.170 | 5640513  | 46.841 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.879 | 5593830  | 45.513 ug/ml |
| 18) N-TETRACONTANE            | 21.704 | 5815937  | 46.296 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

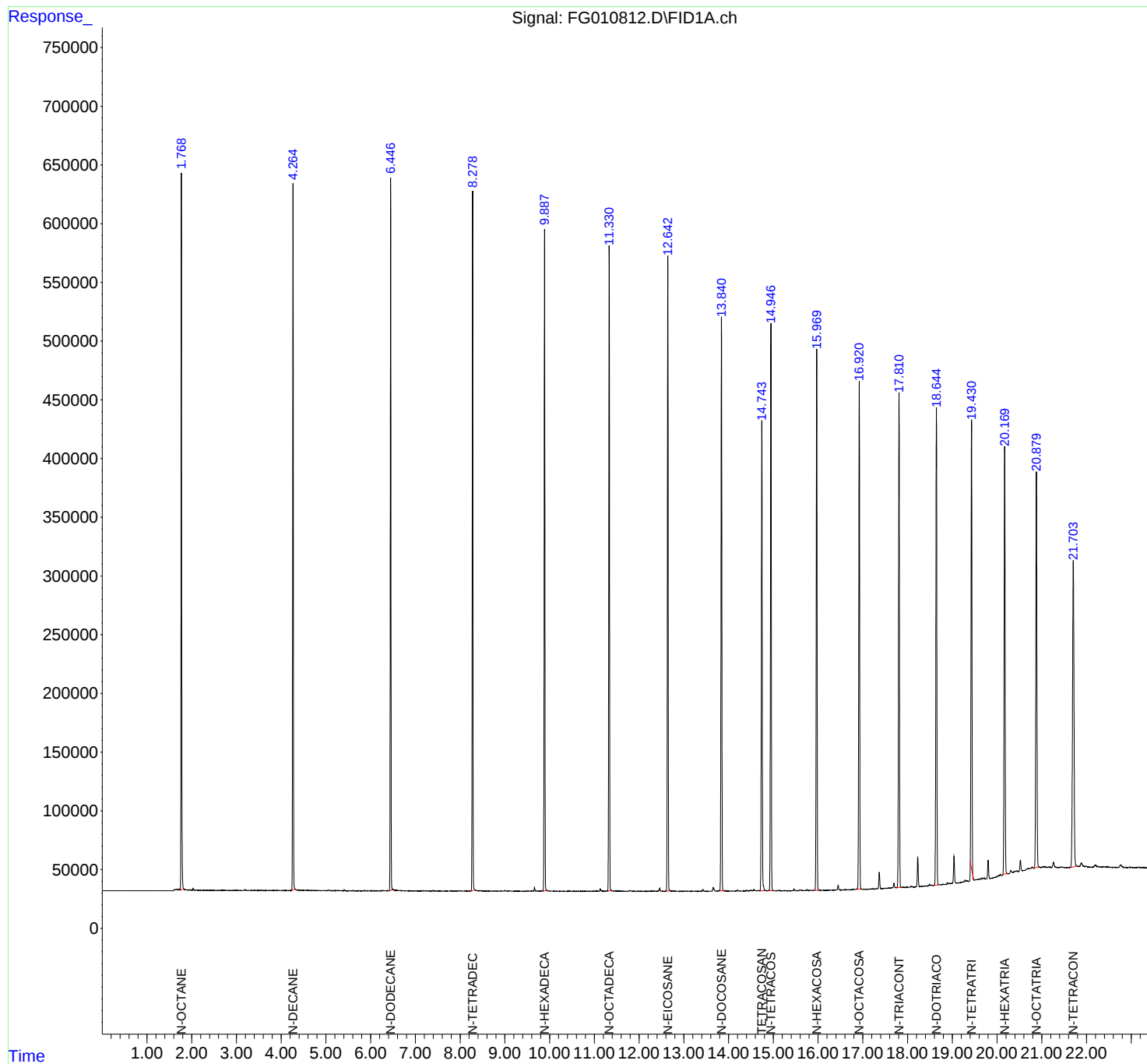
(m)=manual int.

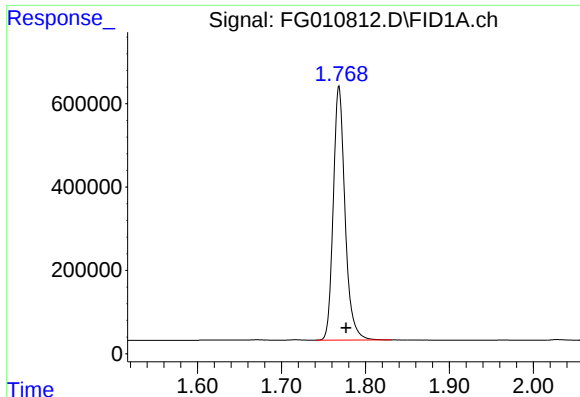
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um

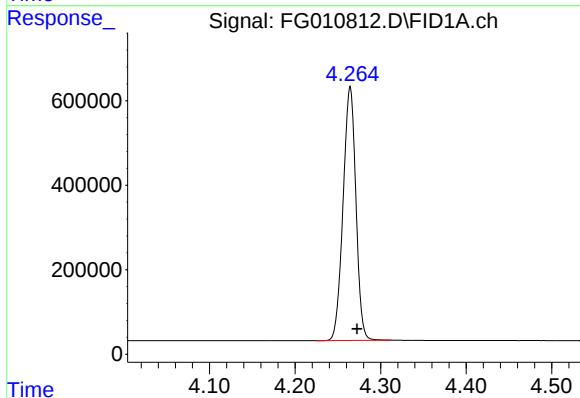




#1 N-OCTANE

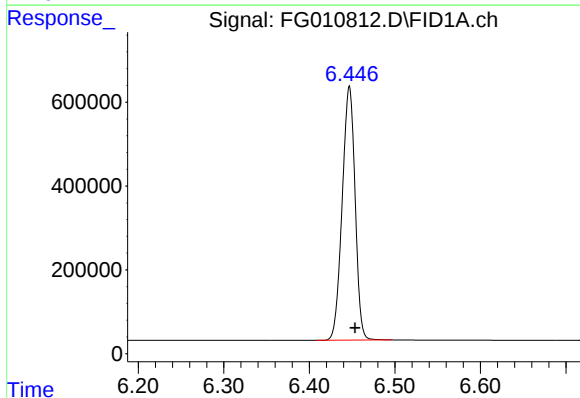
R.T.: 1.769 min  
Delta R.T.: -0.008 min  
Response: 5929322  
Conc: 46.51 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



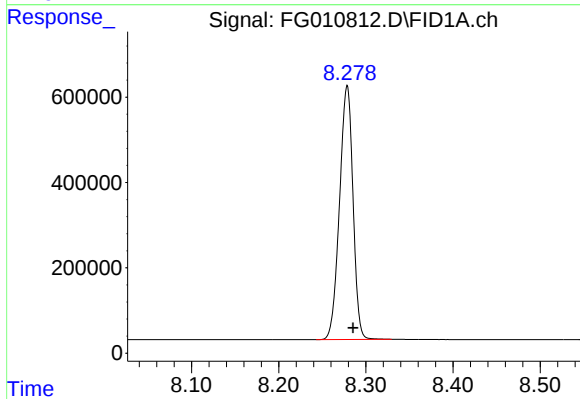
#2 N-DECANE

R.T.: 4.264 min  
Delta R.T.: -0.008 min  
Response: 6251133  
Conc: 48.04 ug/ml



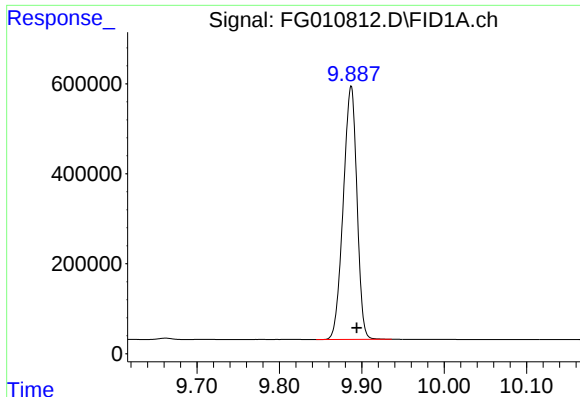
#3 N-DODECANE

R.T.: 6.447 min  
Delta R.T.: -0.007 min  
Response: 6350786  
Conc: 47.89 ug/ml



#4 N-TETRADECANE

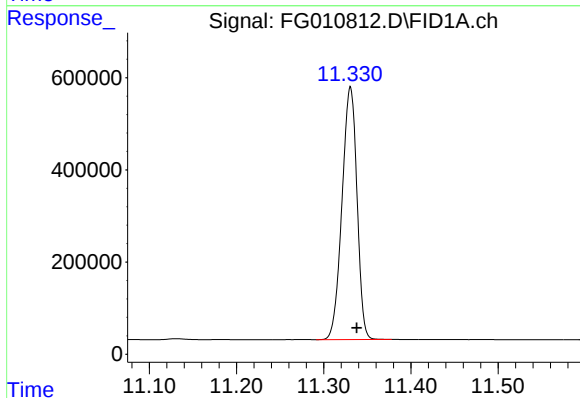
R.T.: 8.279 min  
Delta R.T.: -0.007 min  
Response: 6384301  
Conc: 47.61 ug/ml



#5 N-HEXADECANE

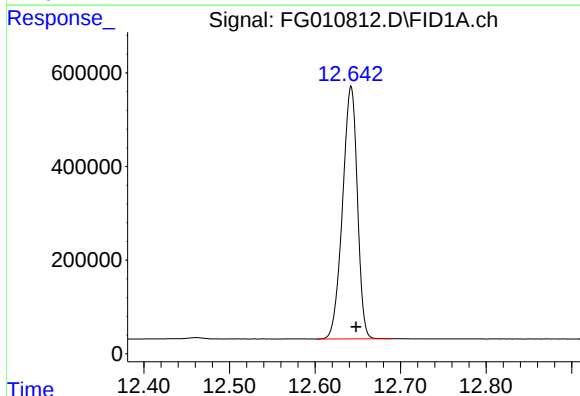
R.T.: 9.887 min  
Delta R.T.: -0.007 min  
Response: 6499357  
Conc: 46.87 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



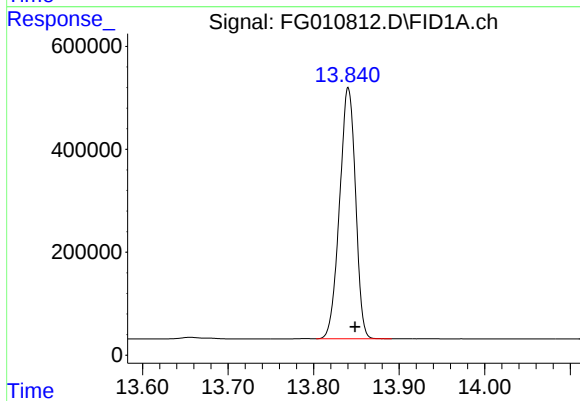
#6 N-OCTADECANE

R.T.: 11.331 min  
Delta R.T.: -0.007 min  
Response: 6538825  
Conc: 46.40 ug/ml



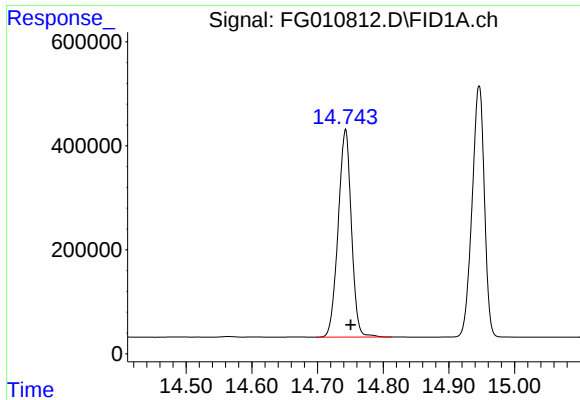
#7 N-EICOSANE

R.T.: 12.642 min  
Delta R.T.: -0.006 min  
Response: 6496902  
Conc: 45.94 ug/ml



#8 N-DOCOSANE

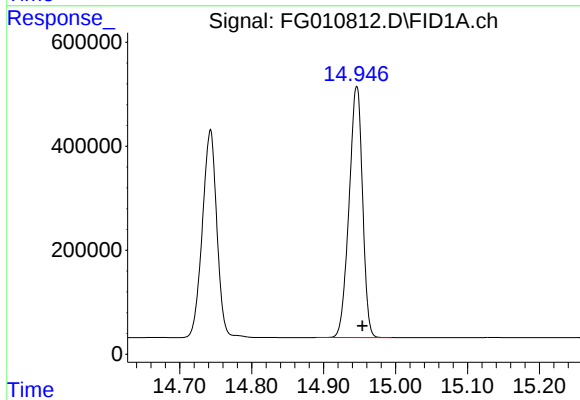
R.T.: 13.841 min  
Delta R.T.: -0.008 min  
Response: 6324097  
Conc: 45.68 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

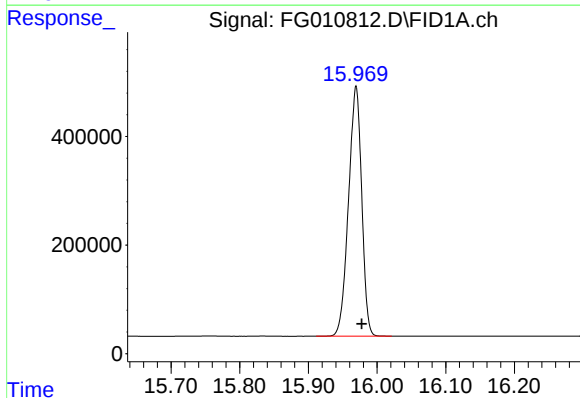
R.T.: 14.743 min  
Delta R.T.: -0.008 min  
Response: 5584204  
Conc: 46.03 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



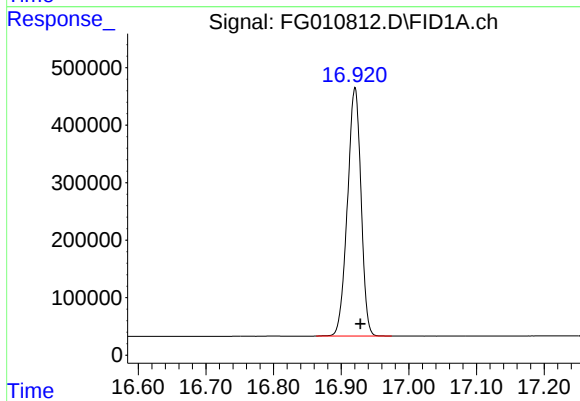
#10 N-TETRACOSANE

R.T.: 14.946 min  
Delta R.T.: -0.008 min  
Response: 6278590  
Conc: 45.57 ug/ml



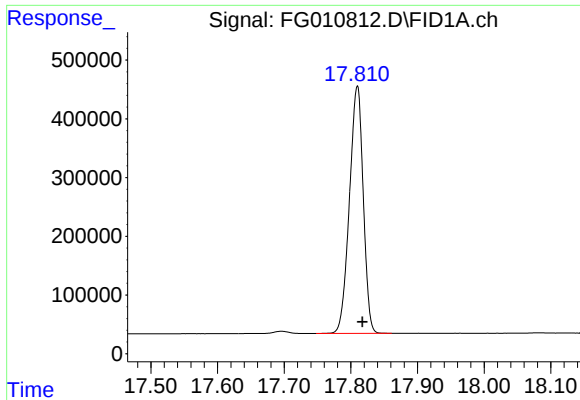
#11 N-HEXACOSANE

R.T.: 15.970 min  
Delta R.T.: -0.008 min  
Response: 6136154  
Conc: 45.48 ug/ml



#12 N-OCTACOSANE

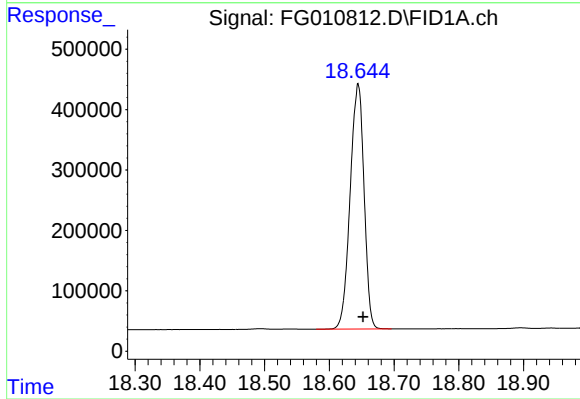
R.T.: 16.920 min  
Delta R.T.: -0.008 min  
Response: 6024015  
Conc: 45.94 ug/ml



#13 N-TRIACONTANE

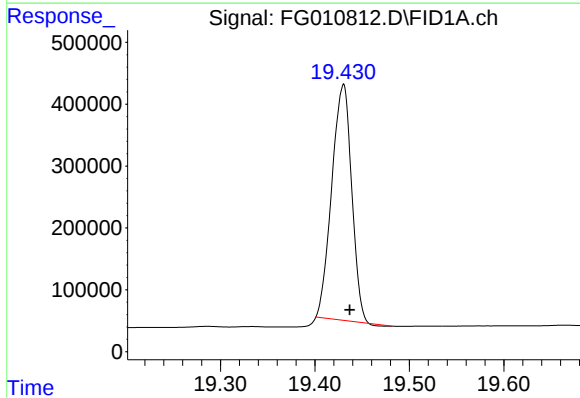
R.T.: 17.810 min  
Delta R.T.: -0.007 min  
Response: 6058161  
Conc: 47.07 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



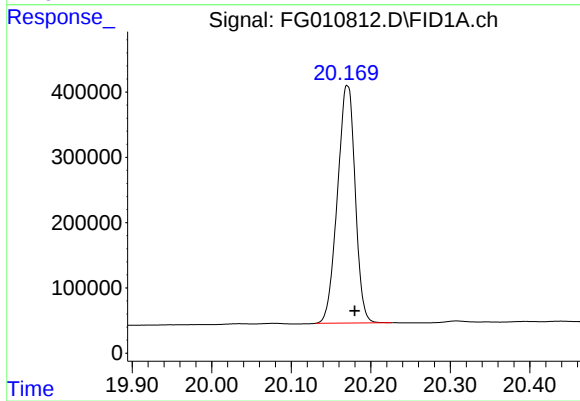
#14 N-DOTRIACONTANE

R.T.: 18.645 min  
Delta R.T.: -0.007 min  
Response: 6051934  
Conc: 47.63 ug/ml



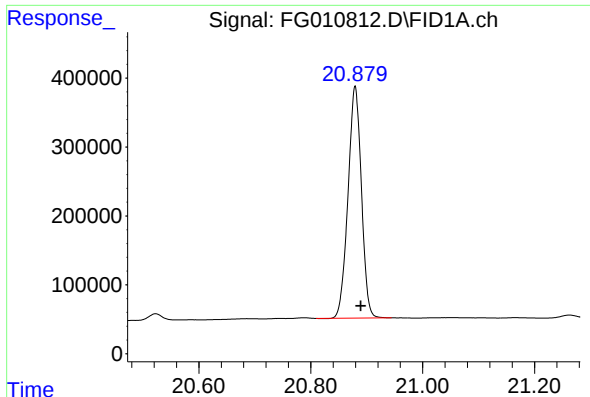
#15 N-TETRATRIACONTANE

R.T.: 19.430 min  
Delta R.T.: -0.007 min  
Response: 5561240  
Conc: 44.30 ug/ml



#16 N-HEXATRIACONTANE

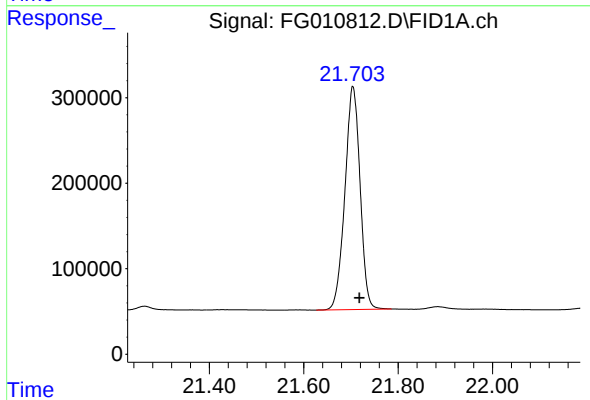
R.T.: 20.170 min  
Delta R.T.: -0.009 min  
Response: 5640513  
Conc: 46.84 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.879 min  
Delta R.T.: -0.010 min  
Response: 5593830  
Conc: 45.51 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 21.704 min  
Delta R.T.: -0.014 min  
Response: 5815937  
Conc: 46.30 ug/ml