

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG070219\  
 Data File : FG005344.D  
 Signal(s) : FID1A.ch  
 Acq On : 03 Jul 2019 02:00  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jul 03 07:38:16 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG060719.M  
 Quant Title :  
 QLast Update : Mon Jun 10 08:32:25 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... | 14.782 | 6393118  | 48.507 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.348  | 7825933  | 55.699 ug/ml |
| 2) N-DECANE                   | 4.474  | 8135426  | 56.202 ug/ml |
| 3) N-DODECANE                 | 6.506  | 8095753  | 54.480 ug/ml |
| 4) N-TETRADECANE              | 8.309  | 7910103  | 52.758 ug/ml |
| 5) N-HEXADECANE               | 9.917  | 7803427  | 51.298 ug/ml |
| 6) N-OCTADECANE               | 11.363 | 7599477  | 50.273 ug/ml |
| 7) N-EICOSANE                 | 12.678 | 7520116  | 49.353 ug/ml |
| 8) N-DOCOSANE                 | 13.880 | 7359065  | 48.865 ug/ml |
| 10) N-TETRACOSANE             | 14.987 | 7296983  | 49.040 ug/ml |
| 11) N-HEXACOSANE              | 16.010 | 7152879  | 49.107 ug/ml |
| 12) N-OCTACOSANE              | 16.962 | 7120900  | 50.062 ug/ml |
| 13) N-TRIACONTANE             | 17.851 | 7266506  | 51.918 ug/ml |
| 14) N-DOTRIACONTANE           | 18.686 | 7304189  | 54.298 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.471 | 7399527  | 57.719 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.215 | 7143920  | 59.971 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.978 | 6838191  | 64.493 ug/ml |
| 18) N-TETRACONTANE            | 21.943 | 6961776  | 66.635 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

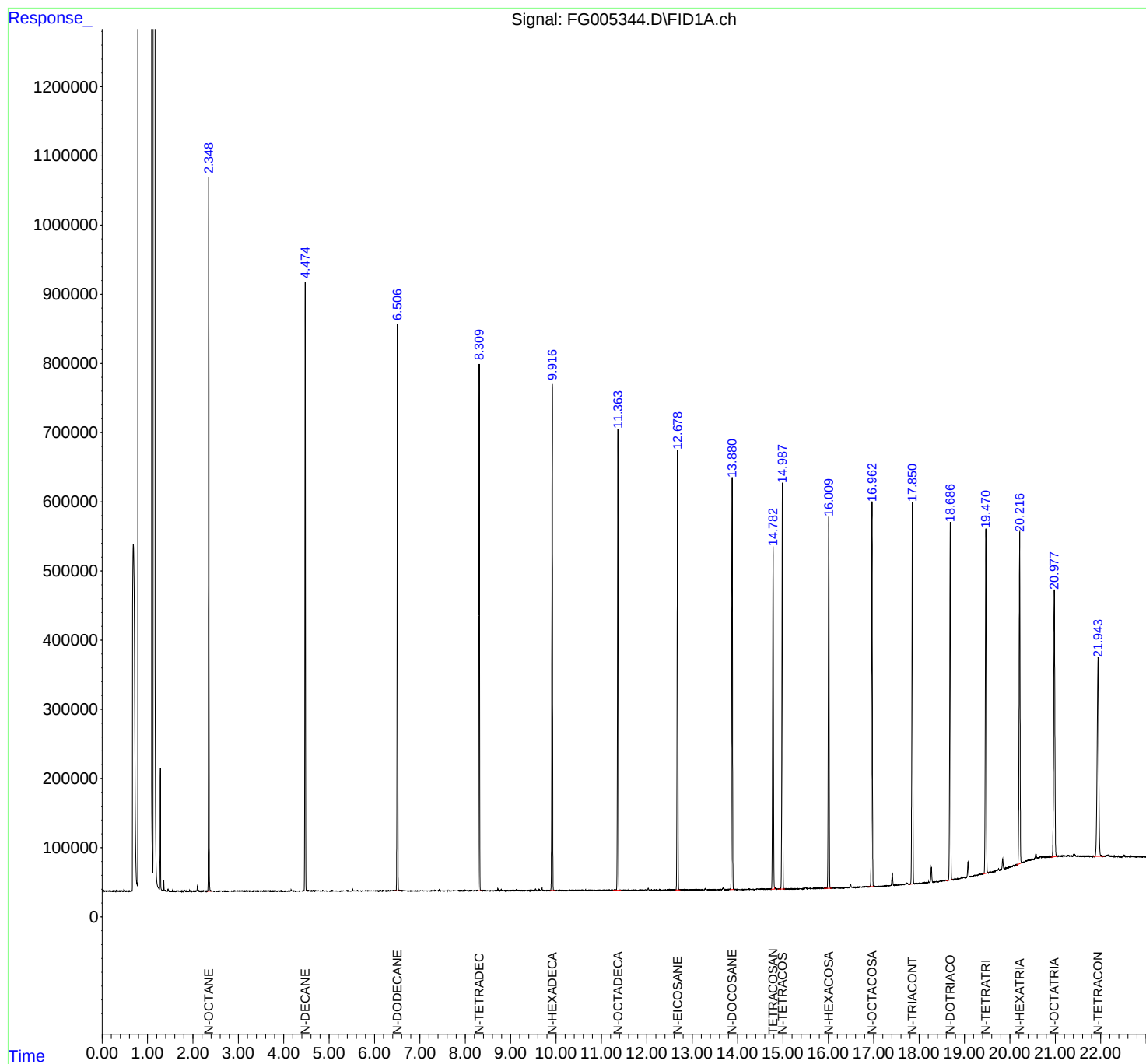
(m)=manual int.

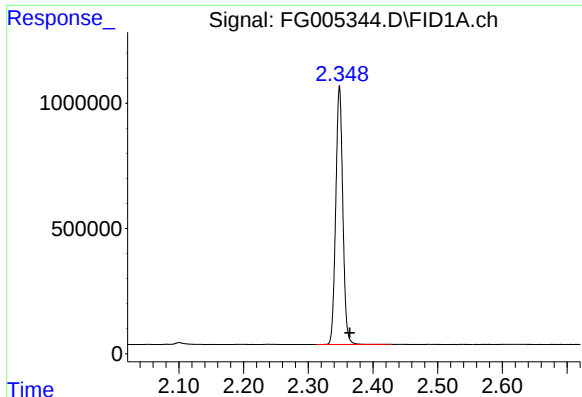
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Integrator: ChemStation

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

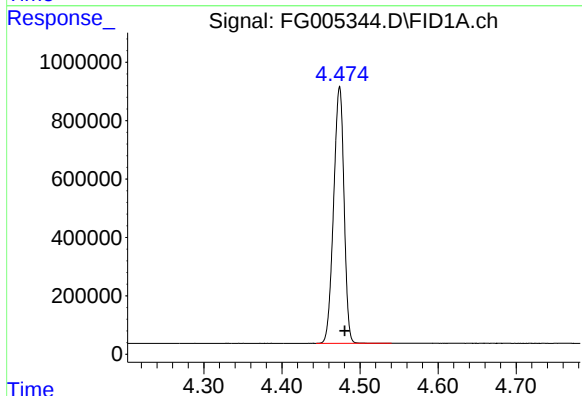




#1 N-OCTANE

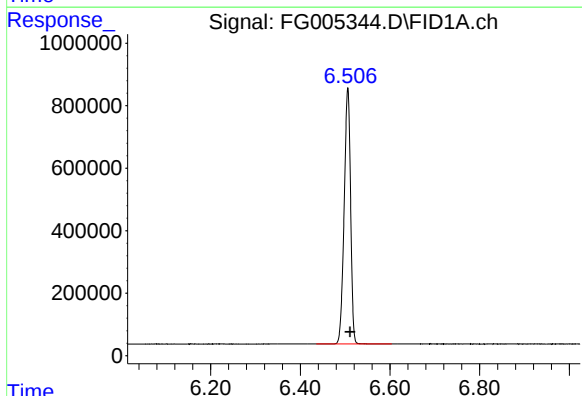
R.T.: 2.348 min  
Delta R.T.: -0.016 min  
Response: 7825933  
Conc: 55.70 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



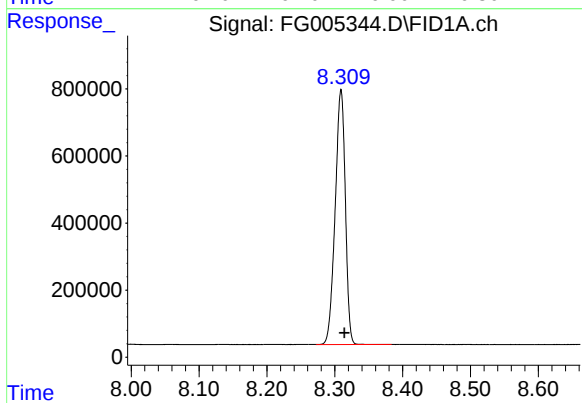
#2 N-DECANE

R.T.: 4.474 min  
Delta R.T.: -0.006 min  
Response: 8135426  
Conc: 56.20 ug/ml



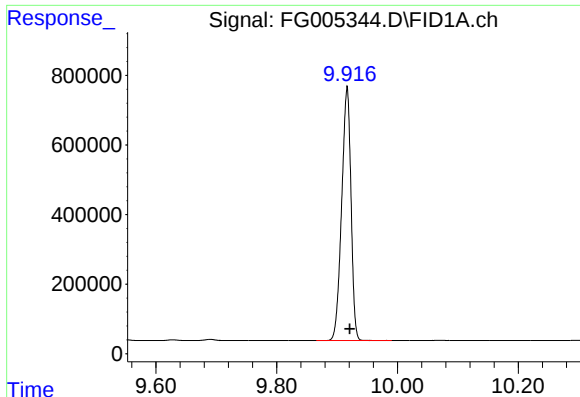
#3 N-DODECANE

R.T.: 6.506 min  
Delta R.T.: -0.005 min  
Response: 8095753  
Conc: 54.48 ug/ml



#4 N-TETRADECANE

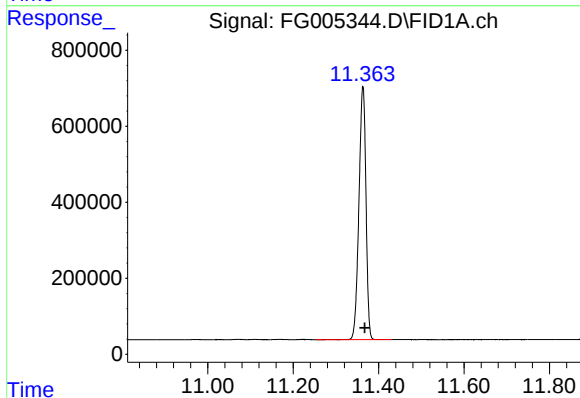
R.T.: 8.309 min  
Delta R.T.: -0.005 min  
Response: 7910103  
Conc: 52.76 ug/ml



#5 N-HEXADECANE

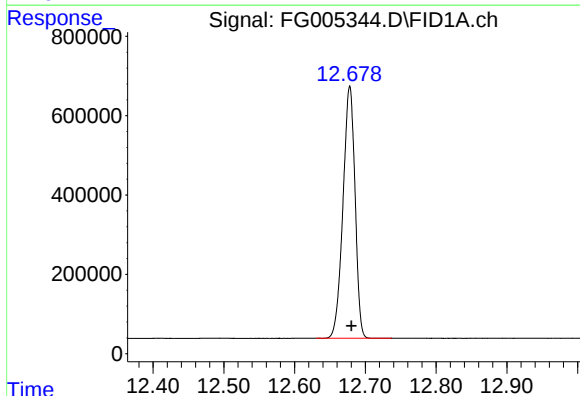
R.T.: 9.917 min  
Delta R.T.: -0.004 min  
Response: 7803427  
Conc: 51.30 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



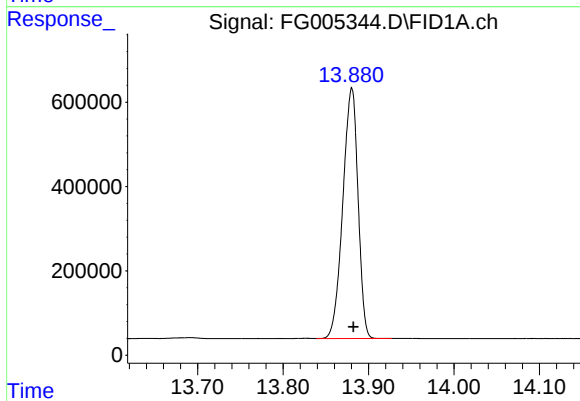
#6 N-OCTADECANE

R.T.: 11.363 min  
Delta R.T.: -0.004 min  
Response: 7599477  
Conc: 50.27 ug/ml



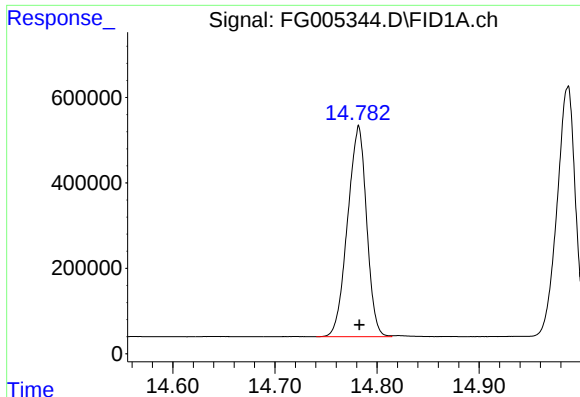
#7 N-EICOSANE

R.T.: 12.678 min  
Delta R.T.: -0.002 min  
Response: 7520116  
Conc: 49.35 ug/ml



#8 N-DOCOSANE

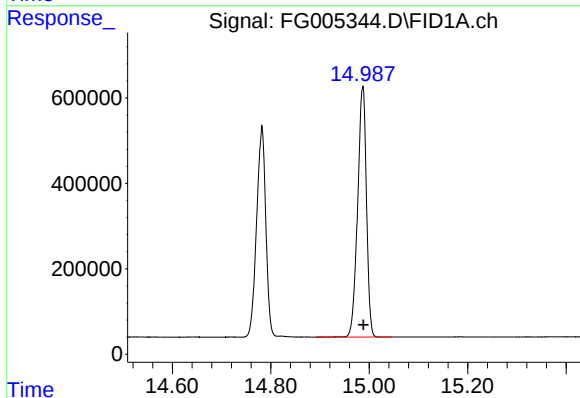
R.T.: 13.880 min  
Delta R.T.: -0.002 min  
Response: 7359065  
Conc: 48.86 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

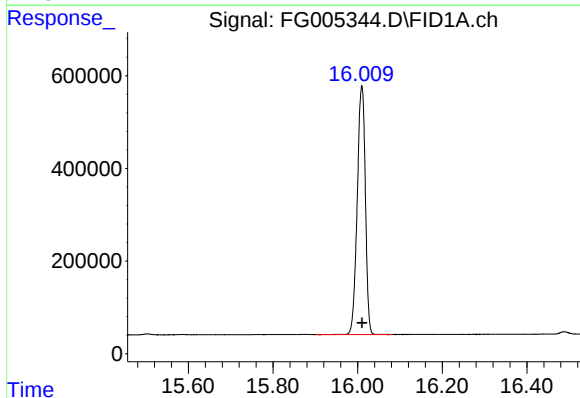
R.T.: 14.782 min  
Delta R.T.: 0.000 min  
Response: 6393118  
Conc: 48.51 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



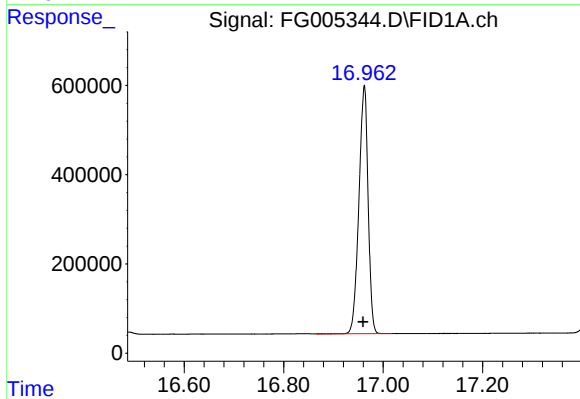
#10 N-TETRACOSANE

R.T.: 14.987 min  
Delta R.T.: -0.001 min  
Response: 7296983  
Conc: 49.04 ug/ml



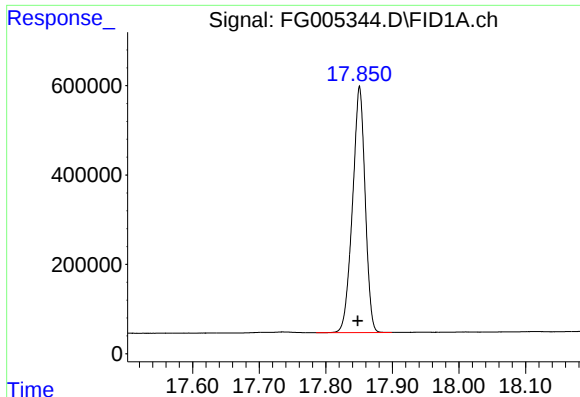
#11 N-HEXACOSANE

R.T.: 16.010 min  
Delta R.T.: 0.000 min  
Response: 7152879  
Conc: 49.11 ug/ml



#12 N-OCTACOSANE

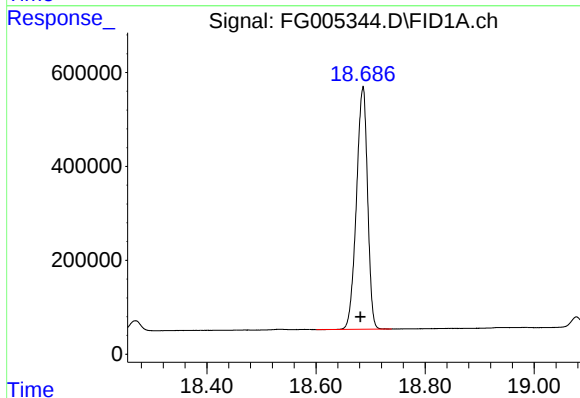
R.T.: 16.962 min  
Delta R.T.: 0.002 min  
Response: 7120900  
Conc: 50.06 ug/ml



#13 N-TRIACONTANE

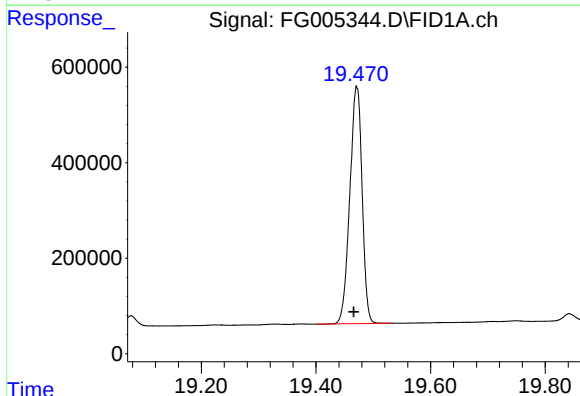
R.T.: 17.851 min  
Delta R.T.: 0.002 min  
Response: 7266506  
Conc: 51.92 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



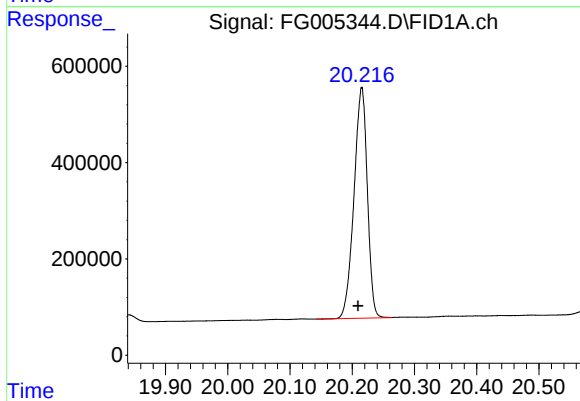
#14 N-DOTRIACONTANE

R.T.: 18.686 min  
Delta R.T.: 0.005 min  
Response: 7304189  
Conc: 54.30 ug/ml



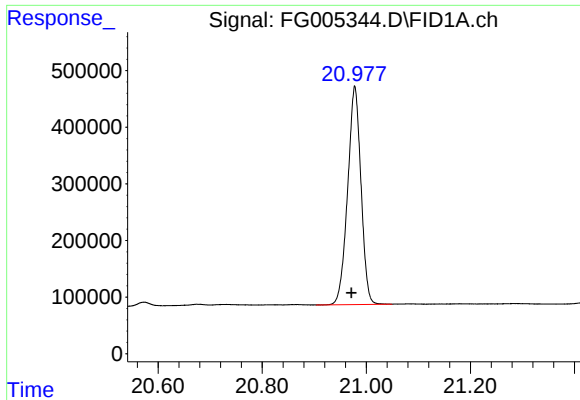
#15 N-TETRATRIACONTANE

R.T.: 19.471 min  
Delta R.T.: 0.005 min  
Response: 7399527  
Conc: 57.72 ug/ml



#16 N-HEXATRIACONTANE

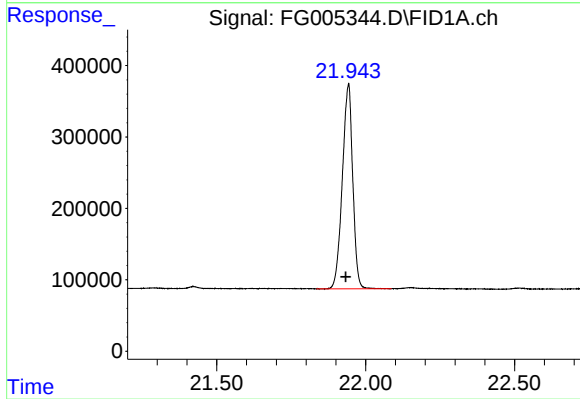
R.T.: 20.215 min  
Delta R.T.: 0.006 min  
Response: 7143920  
Conc: 59.97 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.978 min  
Delta R.T.: 0.007 min  
Response: 6838191  
Conc: 64.49 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 21.943 min  
Delta R.T.: 0.010 min  
Response: 6961776  
Conc: 66.64 ug/ml