

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG092719\  
 Data File : FG006083.D  
 Signal(s) : FID1A.ch  
 Acq On : 27 Sep 2019 22:46  
 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: Sep 27 23:42:13 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... | 14.721 | 5548401  | 49.386 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.317  | 7101700  | 51.002 ug/ml |
| 2) N-DECANE                   | 4.423  | 7605267  | 54.188 ug/ml |
| 3) N-DODECANE                 | 6.450  | 7500545  | 52.975 ug/ml |
| 4) N-TETRADECANE              | 8.252  | 7258648  | 51.483 ug/ml |
| 5) N-HEXADECANE               | 9.857  | 7043947  | 50.121 ug/ml |
| 6) N-OCTADECANE               | 11.303 | 6721135  | 49.008 ug/ml |
| 7) N-EICOSANE                 | 12.617 | 6574997  | 48.425 ug/ml |
| 8) N-DOCOSANE                 | 13.818 | 6417056  | 48.785 ug/ml |
| 10) N-TETRACOSANE             | 14.925 | 6418390  | 50.329 ug/ml |
| 11) N-HEXACOSANE              | 15.948 | 6416037  | 52.357 ug/ml |
| 12) N-OCTACOSANE              | 16.900 | 6565715  | 55.677 ug/ml |
| 13) N-TRIACONTANE             | 17.789 | 6745624  | 59.533 ug/ml |
| 14) N-DOTRIACONTANE           | 18.625 | 6637274  | 62.015 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.411 | 6471707  | 62.567 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.153 | 6010711  | 60.330 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.905 | 5584307  | 59.022 ug/ml |
| 18) N-TETRACONTANE            | 21.840 | 5500426  | 56.010 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

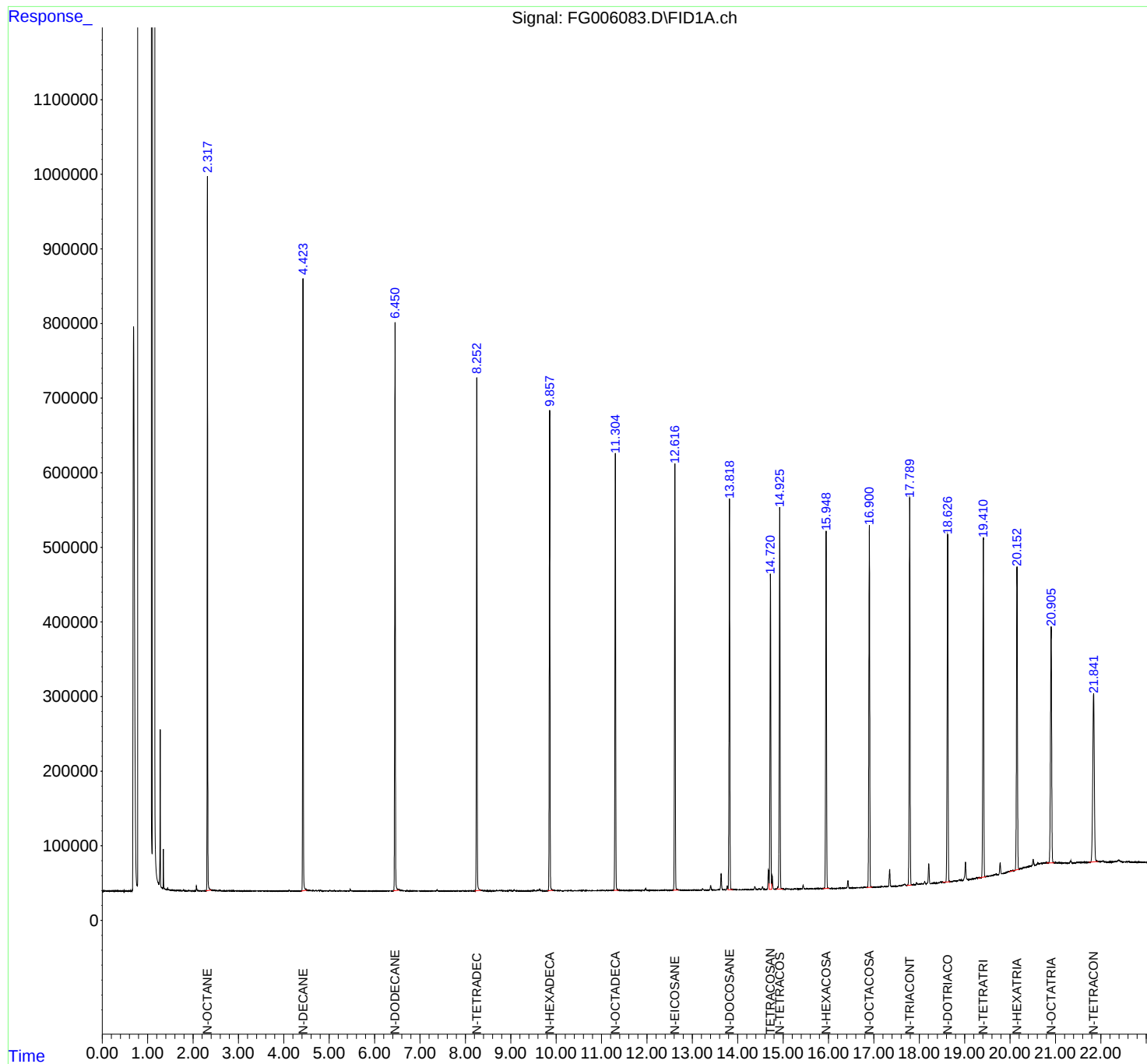
(m)=manual int.

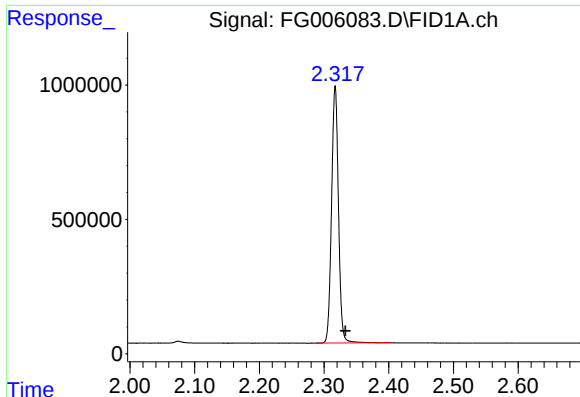
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Integrator: ChemStation

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

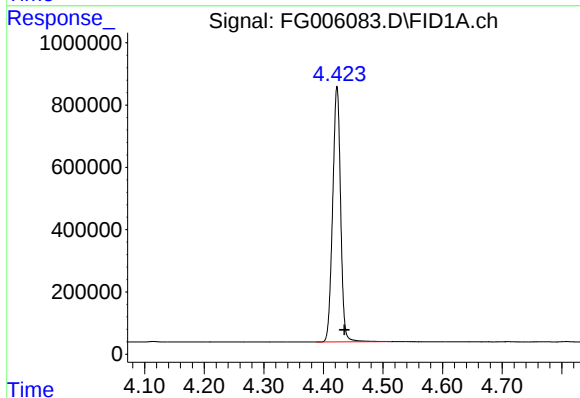




#1 N-OCTANE

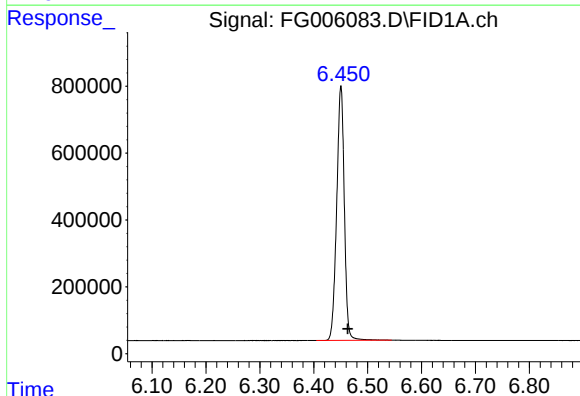
R.T.: 2.317 min  
Delta R.T.: -0.016 min  
Response: 7101700  
Conc: 51.00 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



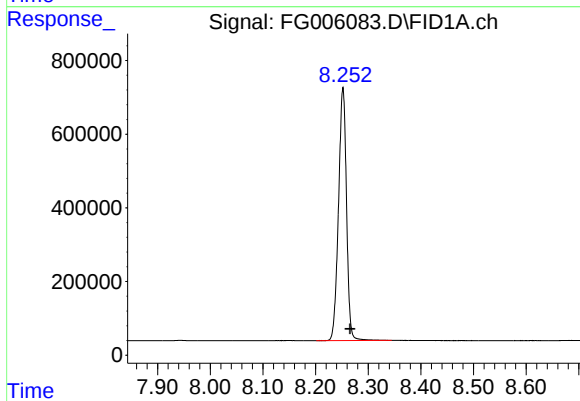
#2 N-DECANE

R.T.: 4.423 min  
Delta R.T.: -0.012 min  
Response: 7605267  
Conc: 54.19 ug/ml



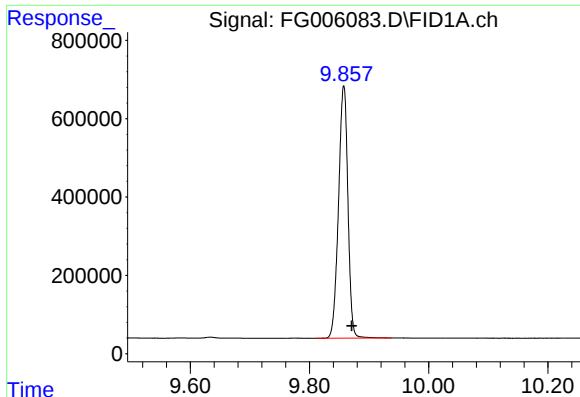
#3 N-DODECANE

R.T.: 6.450 min  
Delta R.T.: -0.013 min  
Response: 7500545  
Conc: 52.97 ug/ml



#4 N-TETRADECANE

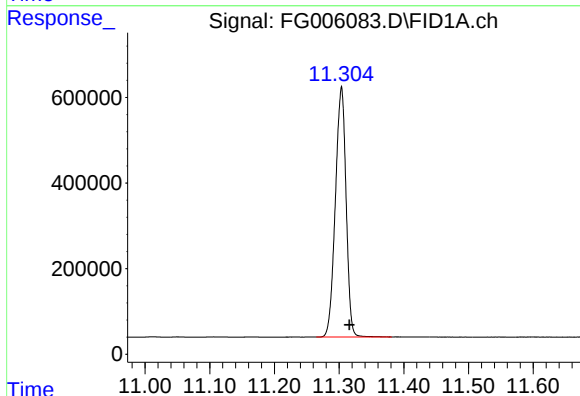
R.T.: 8.252 min  
Delta R.T.: -0.014 min  
Response: 7258648  
Conc: 51.48 ug/ml



#5 N-HEXADECANE

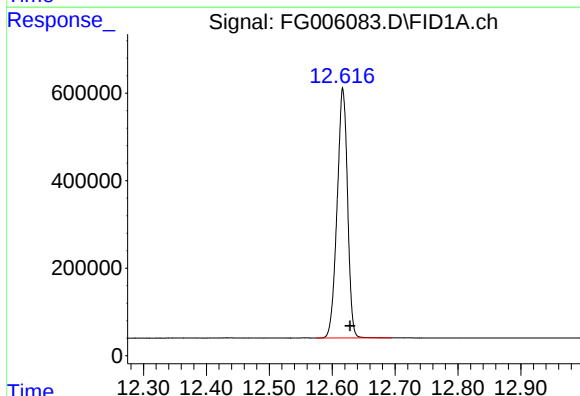
R.T.: 9.857 min  
Delta R.T.: -0.013 min  
Response: 7043947  
Conc: 50.12 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



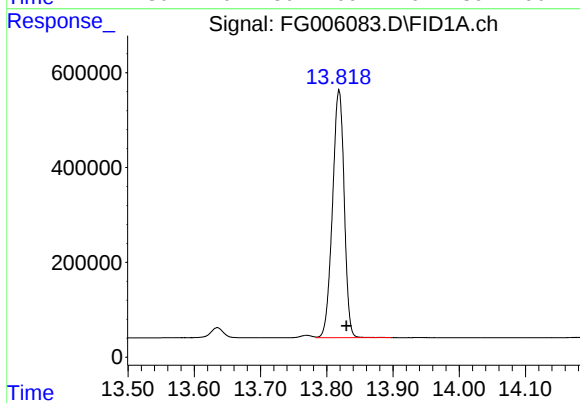
#6 N-OCTADECANE

R.T.: 11.303 min  
Delta R.T.: -0.013 min  
Response: 6721135  
Conc: 49.01 ug/ml



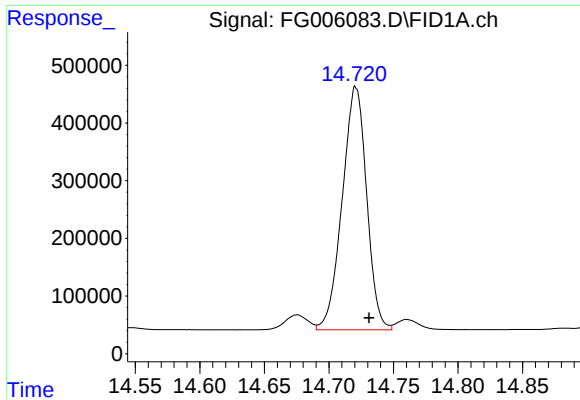
#7 N-EICOSANE

R.T.: 12.617 min  
Delta R.T.: -0.012 min  
Response: 6574997  
Conc: 48.43 ug/ml



#8 N-DOCOSANE

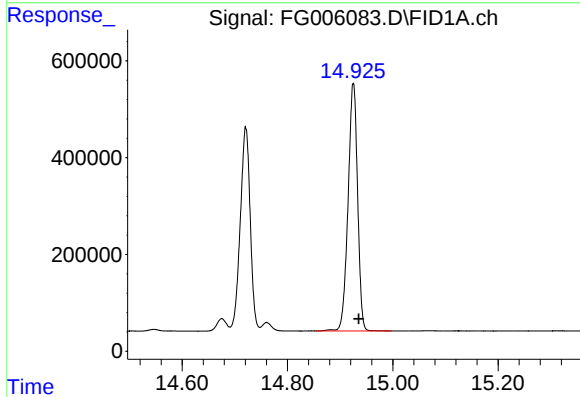
R.T.: 13.818 min  
Delta R.T.: -0.011 min  
Response: 6417056  
Conc: 48.78 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

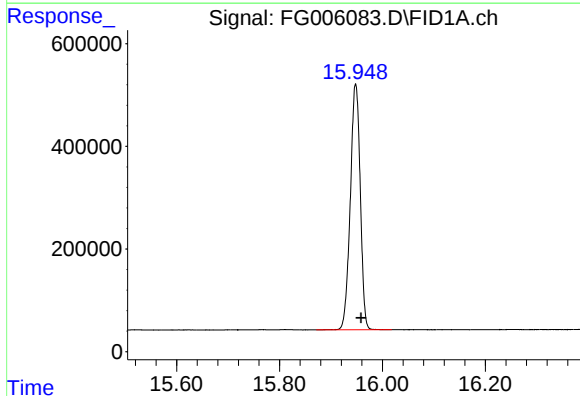
R.T.: 14.721 min  
Delta R.T.: -0.010 min  
Response: 5548401  
Conc: 49.39 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



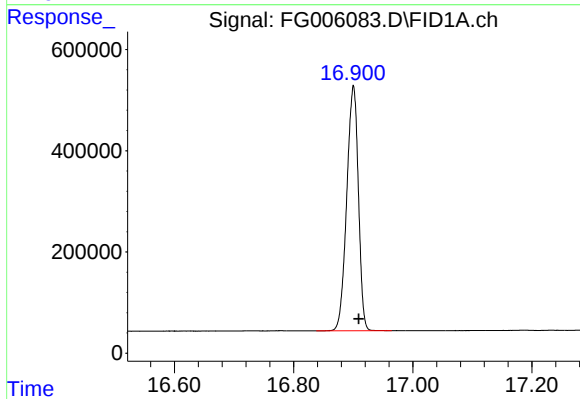
#10 N-TETRACOSANE

R.T.: 14.925 min  
Delta R.T.: -0.011 min  
Response: 6418390  
Conc: 50.33 ug/ml



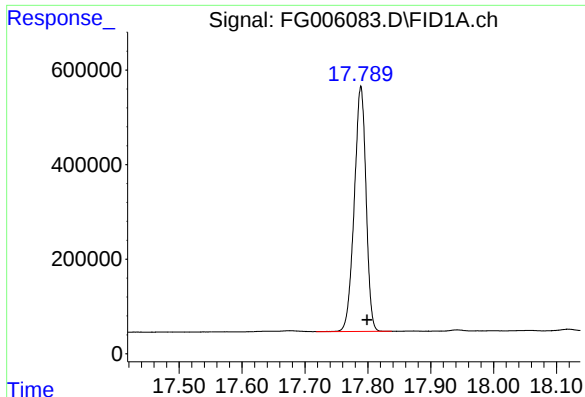
#11 N-HEXACOSANE

R.T.: 15.948 min  
Delta R.T.: -0.011 min  
Response: 6416037  
Conc: 52.36 ug/ml



#12 N-OCTACOSANE

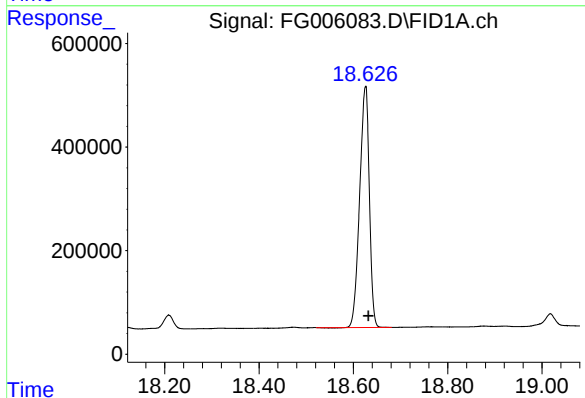
R.T.: 16.900 min  
Delta R.T.: -0.009 min  
Response: 6565715  
Conc: 55.68 ug/ml



#13 N-TRIACONTANE

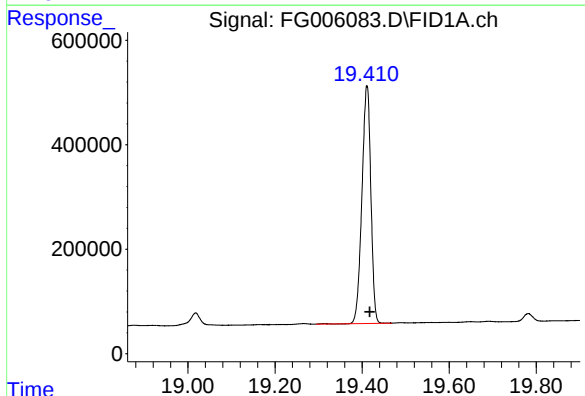
R.T.: 17.789 min  
Delta R.T.: -0.010 min  
Response: 6745624  
Conc: 59.53 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



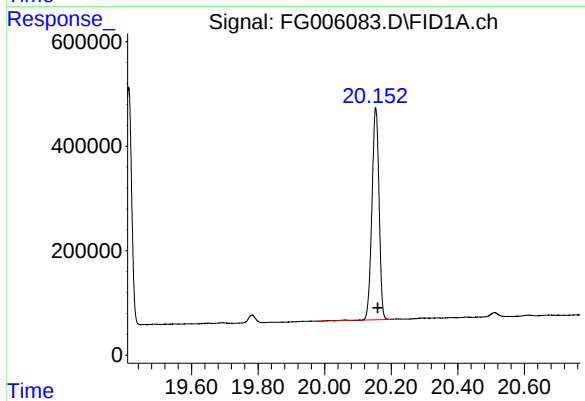
#14 N-DOTRIACONTANE

R.T.: 18.625 min  
Delta R.T.: -0.006 min  
Response: 6637274  
Conc: 62.01 ug/ml



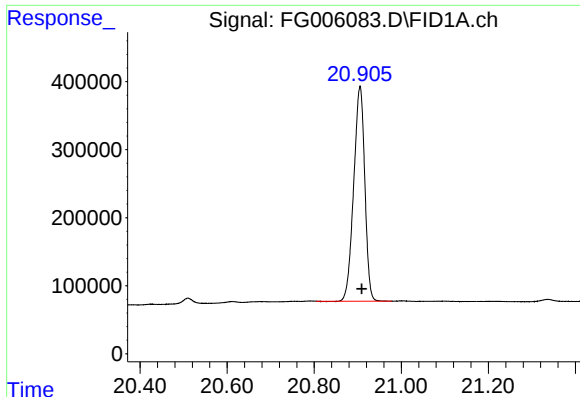
#15 N-TETRATRIACONTANE

R.T.: 19.411 min  
Delta R.T.: -0.006 min  
Response: 6471707  
Conc: 62.57 ug/ml



#16 N-HEXATRIACONTANE

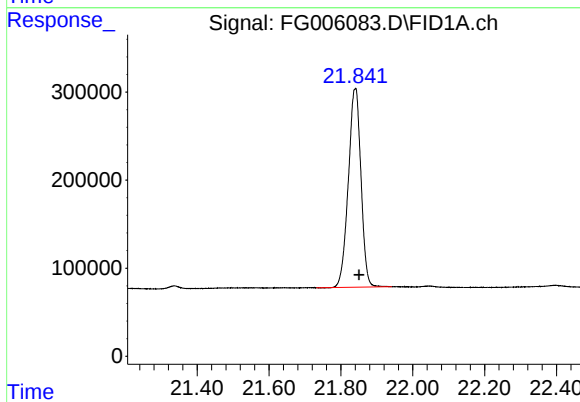
R.T.: 20.153 min  
Delta R.T.: -0.007 min  
Response: 6010711  
Conc: 60.33 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.905 min  
Delta R.T.: -0.004 min  
Response: 5584307  
Conc: 59.02 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.840 min  
Delta R.T.: -0.011 min  
Response: 5500426  
Conc: 56.01 ug/ml