

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG101022\  
 Data File : FG010830.D  
 Signal(s) : FID1A.ch  
 Acq On : 10 Oct 2022 10:15  
 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 11 04:58:15 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... | 14.739 | 6579174  | 54.230 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.769  | 6442016  | 50.529 ug/ml |
| 2) N-DECANE                   | 4.263  | 7091286  | 54.491 ug/ml |
| 3) N-DODECANE                 | 6.446  | 7243806  | 54.621 ug/ml |
| 4) N-TETRADECANE              | 8.277  | 7331401  | 54.675 ug/ml |
| 5) N-HEXADECANE               | 9.885  | 7498640  | 54.080 ug/ml |
| 6) N-OCTADECANE               | 11.329 | 7579229  | 53.777 ug/ml |
| 7) N-EICOSANE                 | 12.639 | 7560442  | 53.465 ug/ml |
| 8) N-DOCOSANE                 | 13.839 | 7380636  | 53.316 ug/ml |
| 10) N-TETRACOSANE             | 14.943 | 7336655  | 53.252 ug/ml |
| 11) N-HEXACOSANE              | 15.965 | 7175229  | 53.184 ug/ml |
| 12) N-OCTACOSANE              | 16.917 | 7039395  | 53.681 ug/ml |
| 13) N-TRIACONTANE             | 17.806 | 7075843  | 54.972 ug/ml |
| 14) N-DOTRIACONTANE           | 18.640 | 7006616  | 55.138 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.426 | 5837838  | 46.504 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.167 | 6164968  | 51.196 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.875 | 5966265  | 48.543 ug/ml |
| 18) N-TETRACONTANE            | 21.697 | 5797281  | 46.147 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

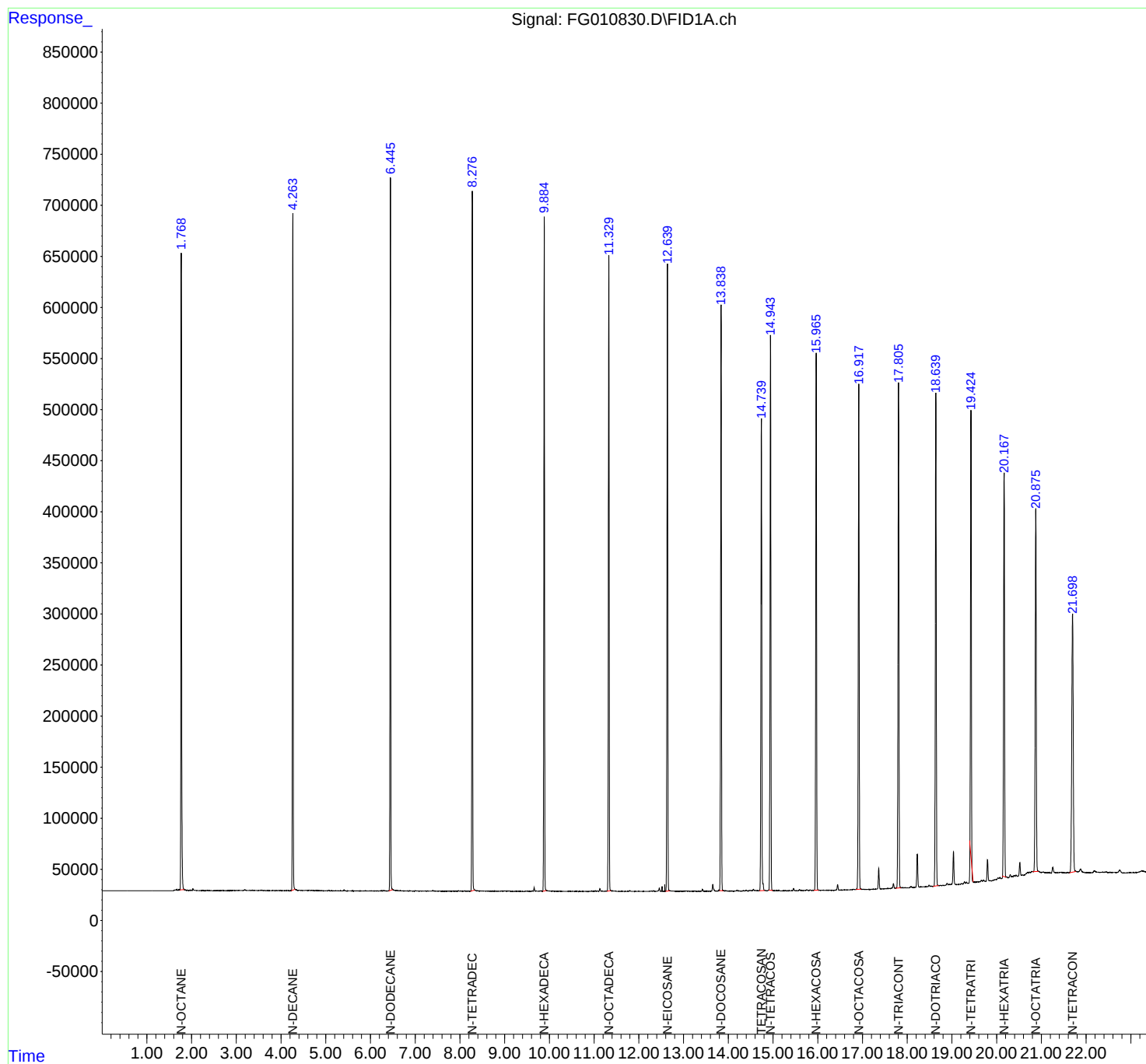
(m)=manual int.

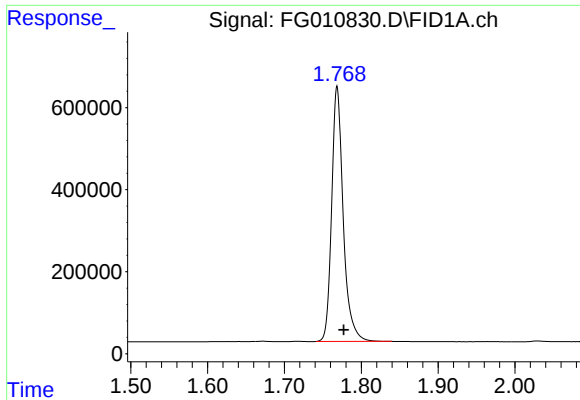
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um

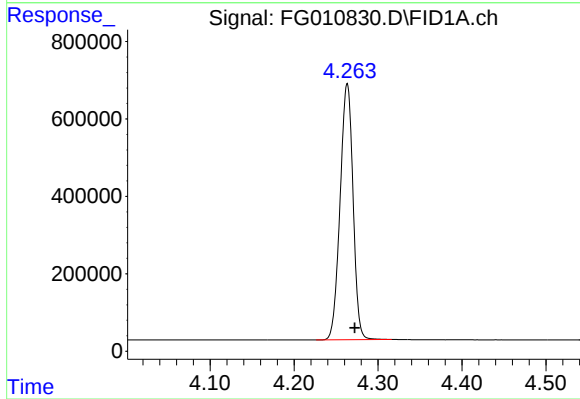




#1 N-OCTANE

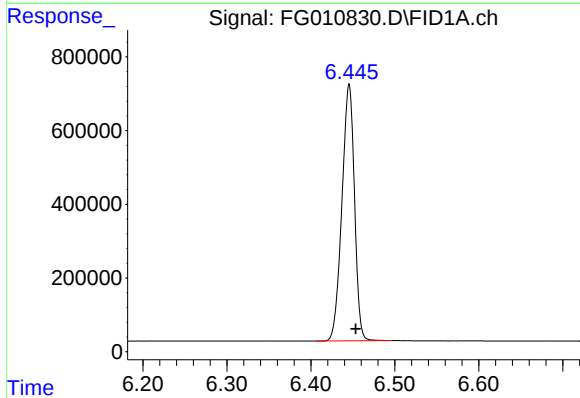
R.T.: 1.769 min  
Delta R.T.: -0.008 min  
Response: 6442016  
Conc: 50.53 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



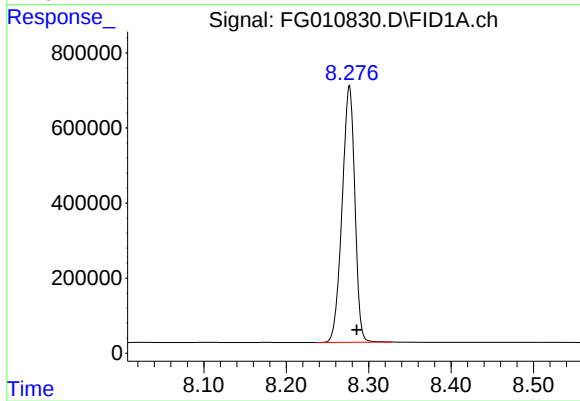
#2 N-DECANE

R.T.: 4.263 min  
Delta R.T.: -0.009 min  
Response: 7091286  
Conc: 54.49 ug/ml



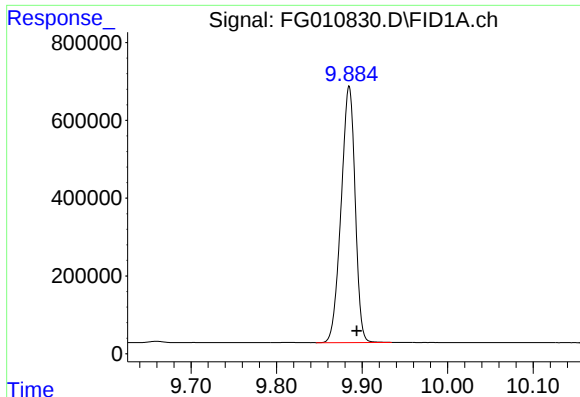
#3 N-DODECANE

R.T.: 6.446 min  
Delta R.T.: -0.008 min  
Response: 7243806  
Conc: 54.62 ug/ml



#4 N-TETRADECANE

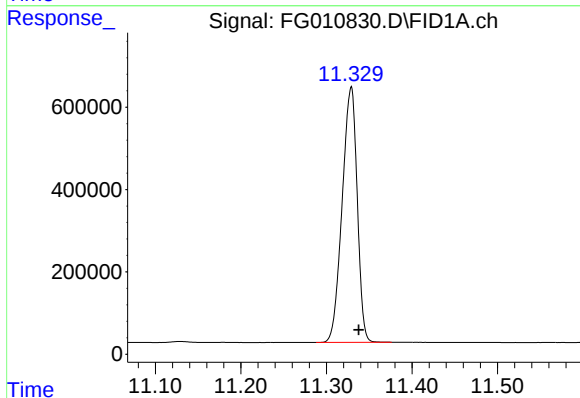
R.T.: 8.277 min  
Delta R.T.: -0.009 min  
Response: 7331401  
Conc: 54.67 ug/ml



#5 N-HEXADECANE

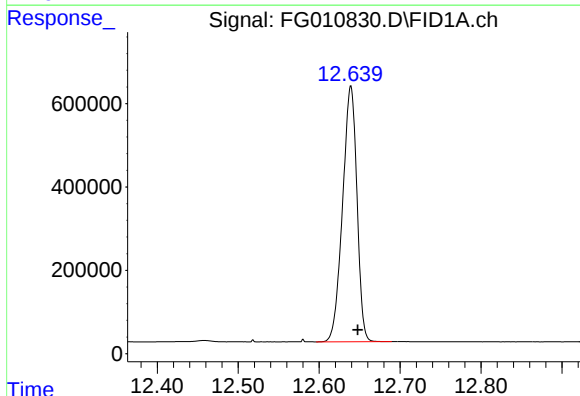
R.T.: 9.885 min  
Delta R.T.: -0.009 min  
Response: 7498640  
Conc: 54.08 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



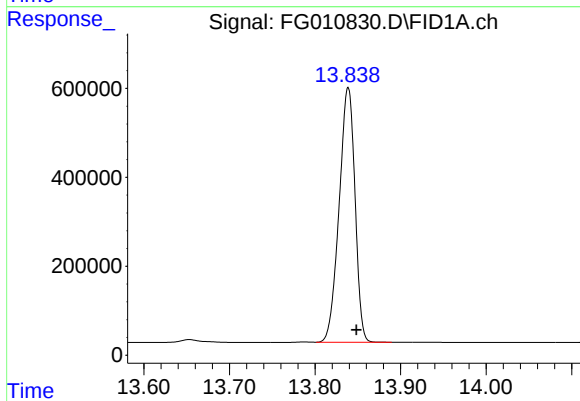
#6 N-OCTADECANE

R.T.: 11.329 min  
Delta R.T.: -0.009 min  
Response: 7579229  
Conc: 53.78 ug/ml



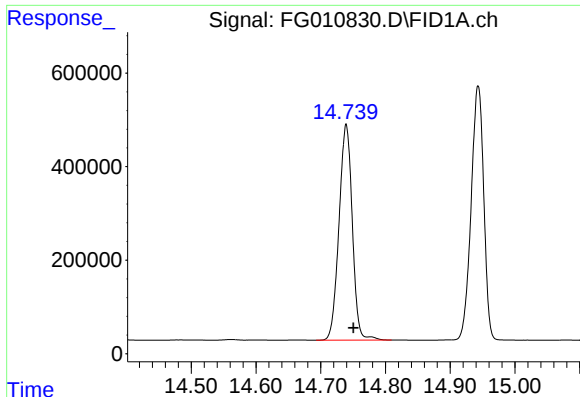
#7 N-EICOSANE

R.T.: 12.639 min  
Delta R.T.: -0.009 min  
Response: 7560442  
Conc: 53.46 ug/ml



#8 N-DOCOSANE

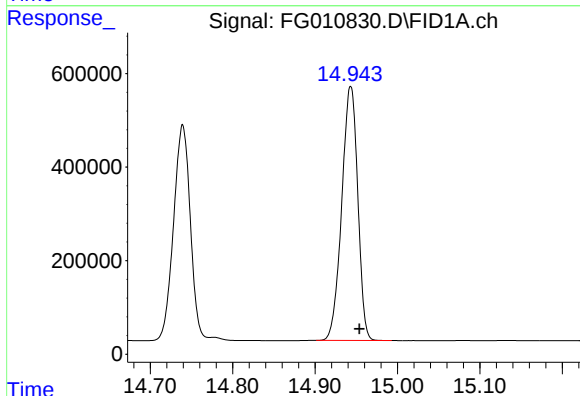
R.T.: 13.839 min  
Delta R.T.: -0.010 min  
Response: 7380636  
Conc: 53.32 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

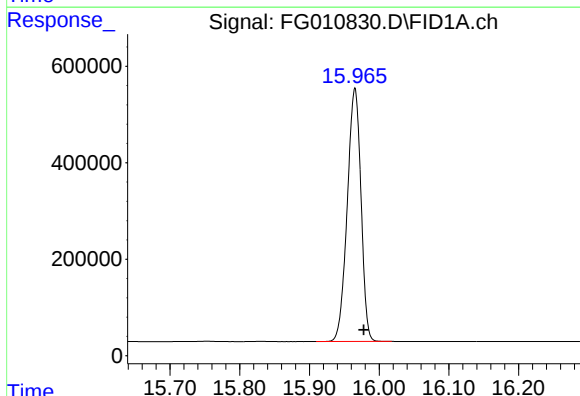
R.T.: 14.739 min  
Delta R.T.: -0.011 min  
Response: 6579174  
Conc: 54.23 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



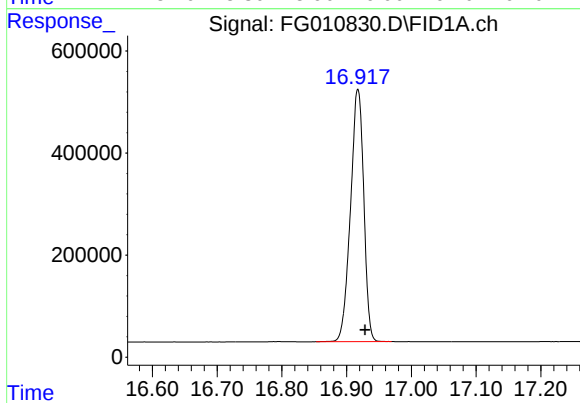
#10 N-TETRACOSANE

R.T.: 14.943 min  
Delta R.T.: -0.011 min  
Response: 7336655  
Conc: 53.25 ug/ml



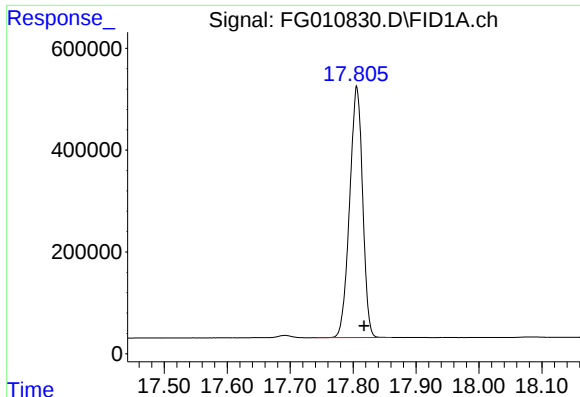
#11 N-HEXACOSANE

R.T.: 15.965 min  
Delta R.T.: -0.012 min  
Response: 7175229  
Conc: 53.18 ug/ml



#12 N-OCTACOSANE

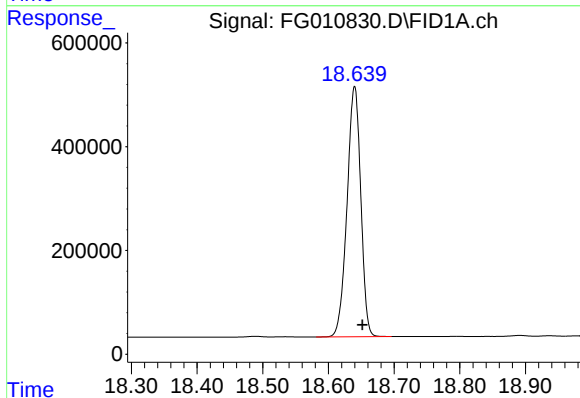
R.T.: 16.917 min  
Delta R.T.: -0.011 min  
Response: 7039395  
Conc: 53.68 ug/ml



#13 N-TRIACONTANE

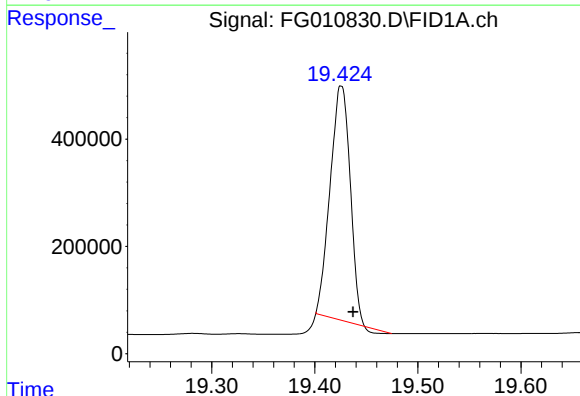
R.T.: 17.806 min  
Delta R.T.: -0.011 min  
Response: 7075843  
Conc: 54.97 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



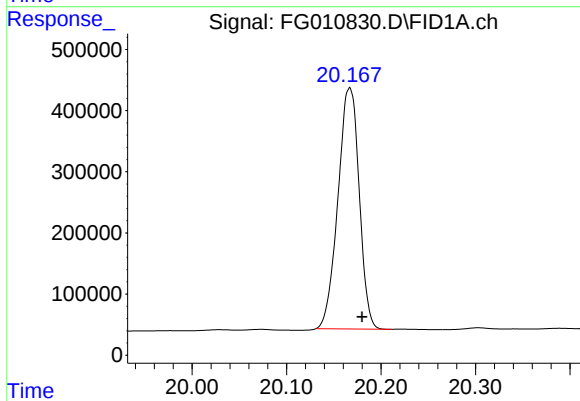
#14 N-DOTRIACONTANE

R.T.: 18.640 min  
Delta R.T.: -0.012 min  
Response: 7006616  
Conc: 55.14 ug/ml



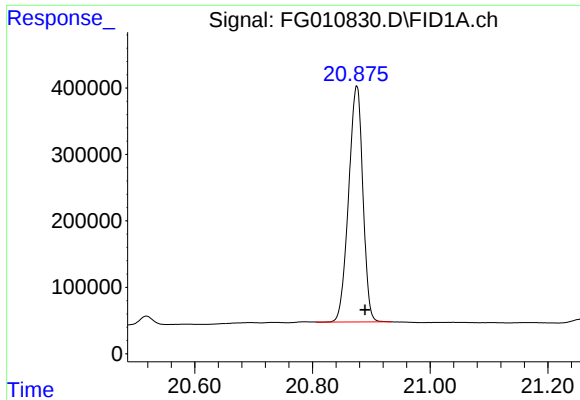
#15 N-TETRATRIACONTANE

R.T.: 19.426 min  
Delta R.T.: -0.011 min  
Response: 5837838  
Conc: 46.50 ug/ml



#16 N-HEXATRIACONTANE

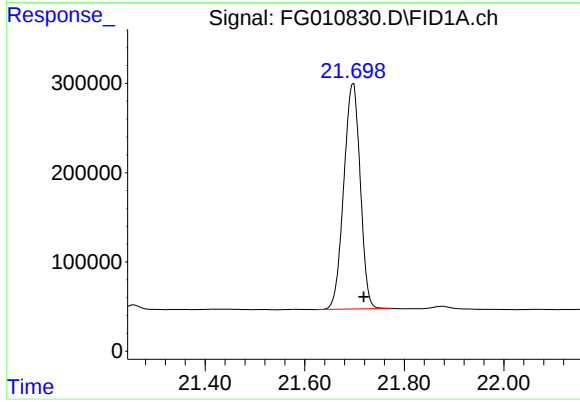
R.T.: 20.167 min  
Delta R.T.: -0.013 min  
Response: 6164968  
Conc: 51.20 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.875 min  
Delta R.T.: -0.014 min  
Response: 5966265  
Conc: 48.54 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 21.697 min  
Delta R.T.: -0.021 min  
Response: 5797281  
Conc: 46.15 ug/ml