

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG032119\  
 Data File : FG004312.D  
 Signal(s) : FID1A.ch  
 Acq On : 21 Mar 2019 17:56  
 Operator : AJ\SJ  
 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: Mar 22 01:33:07 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG030419.M  
 Quant Title :  
 QLast Update : Tue Mar 05 03:05:54 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... | 14.431 | 5978750  | 47.556 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.080  | 7222979  | 54.957 ug/ml |
| 2) N-DECANE                   | 4.161  | 7691968  | 57.532 ug/ml |
| 3) N-DODECANE                 | 6.185  | 7600568  | 56.065 ug/ml |
| 4) N-TETRADECANE              | 7.979  | 7495508  | 53.752 ug/ml |
| 5) N-HEXADECANE               | 9.578  | 7318452  | 51.423 ug/ml |
| 6) N-OCTADECANE               | 11.020 | 7154136  | 49.863 ug/ml |
| 7) N-EICOSANE                 | 12.331 | 6928045  | 48.497 ug/ml |
| 8) N-DOCOSANE                 | 13.530 | 6761843  | 47.639 ug/ml |
| 10) N-TETRACOSANE             | 14.635 | 6748788  | 47.854 ug/ml |
| 11) N-HEXACOSANE              | 15.657 | 6751358  | 48.476 ug/ml |
| 12) N-OCTACOSANE              | 16.609 | 6933193  | 50.641 ug/ml |
| 13) N-TRIACONTANE             | 17.497 | 7186443  | 53.812 ug/ml |
| 14) N-DOTRIACONTANE           | 18.330 | 7220645  | 57.066 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.117 | 7172433  | 60.525 ug/ml |
| 16) N-HEXATRIACONTANE         | 19.861 | 7000806  | 63.238 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.574 | 6567902  | 65.064 ug/ml |
| 18) N-TETRACONTANE            | 21.409 | 6655819  | 62.753 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

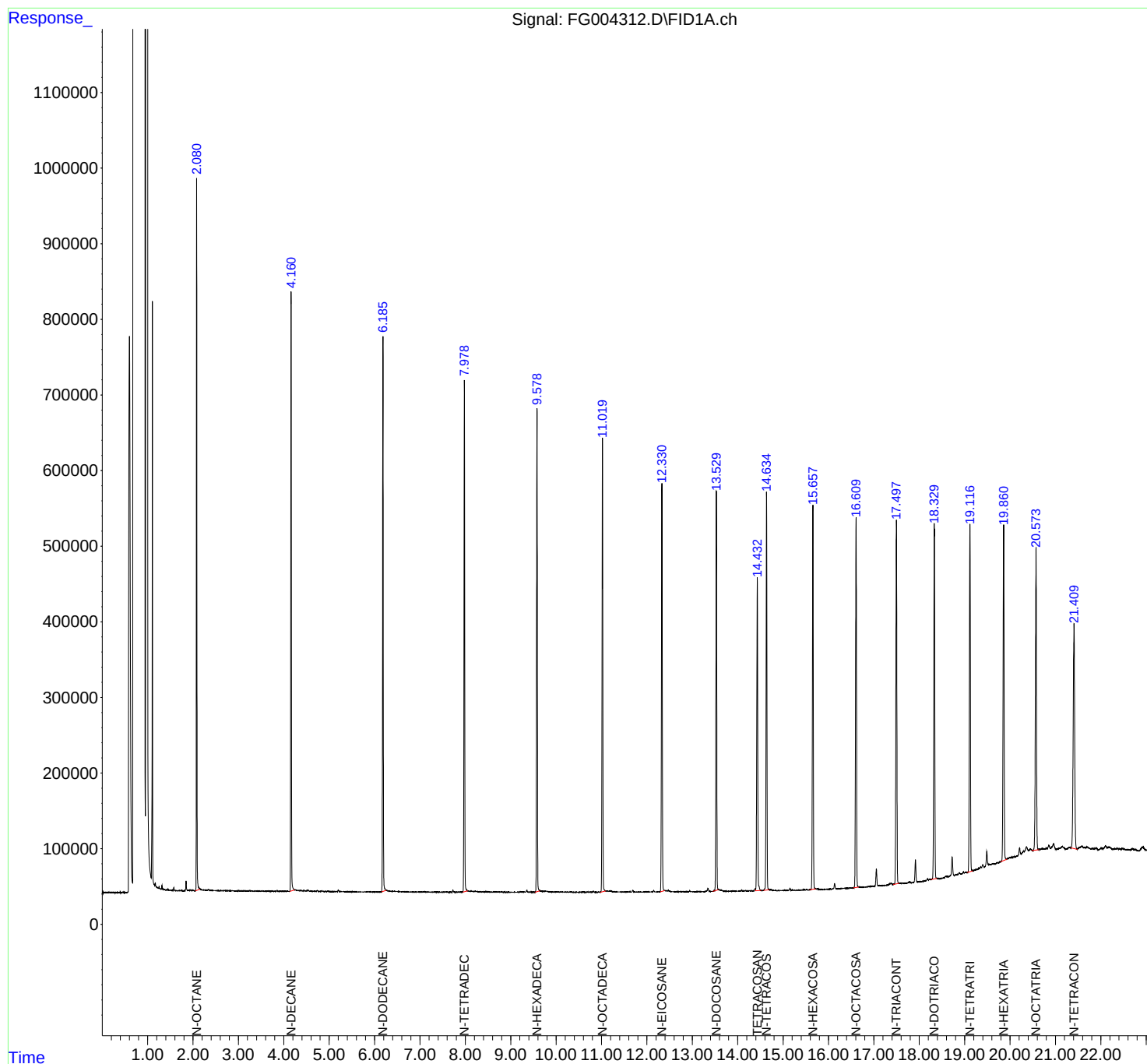
(m)=manual int.

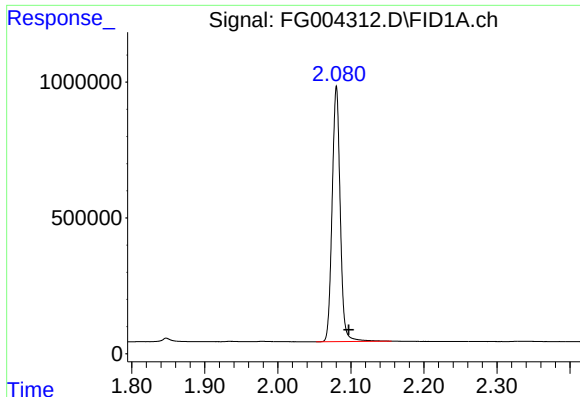
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Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um

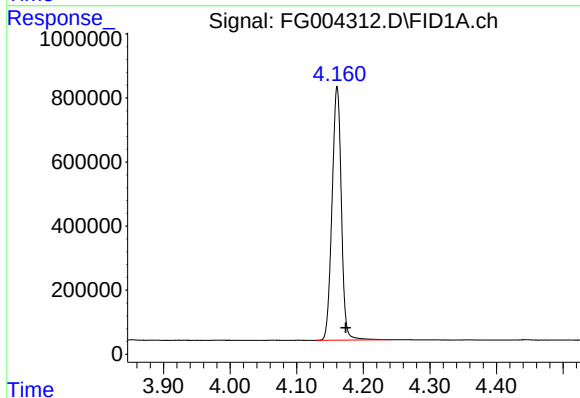




#1 N-OCTANE

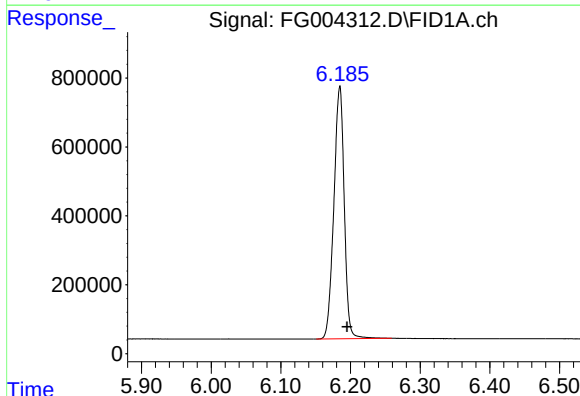
R.T.: 2.080 min  
Delta R.T.: -0.017 min  
Response: 7222979  
Conc: 54.96 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



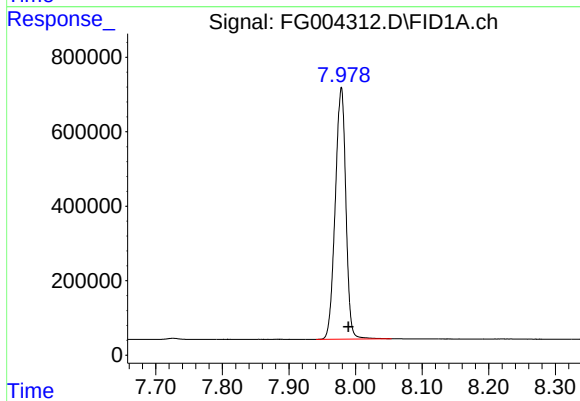
#2 N-DECANE

R.T.: 4.161 min  
Delta R.T.: -0.013 min  
Response: 7691968  
Conc: 57.53 ug/ml



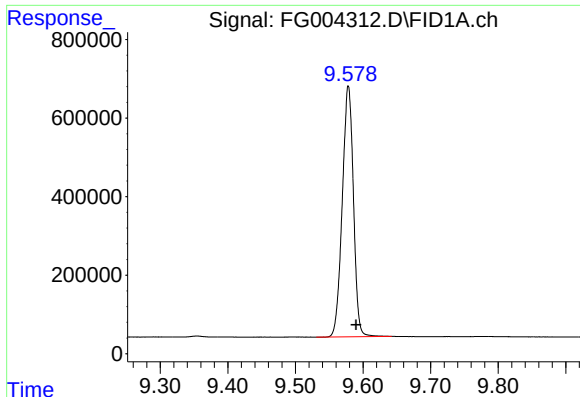
#3 N-DODECANE

R.T.: 6.185 min  
Delta R.T.: -0.010 min  
Response: 7600568  
Conc: 56.06 ug/ml



#4 N-TETRADECANE

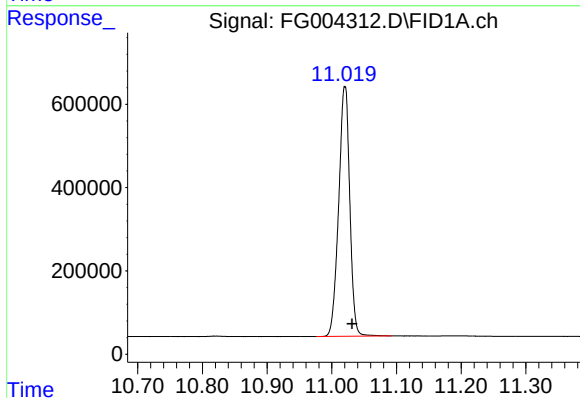
R.T.: 7.979 min  
Delta R.T.: -0.010 min  
Response: 7495508  
Conc: 53.75 ug/ml



#5 N-HEXADECANE

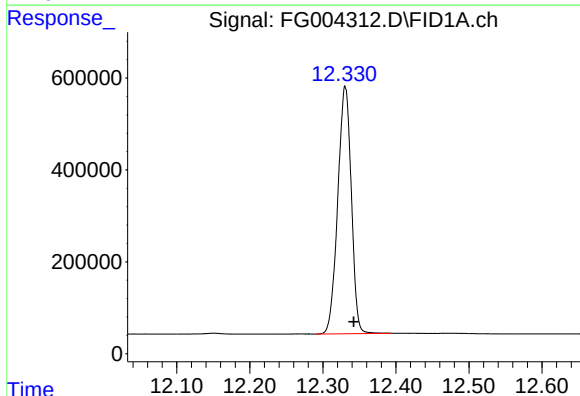
R.T.: 9.578 min  
Delta R.T.: -0.011 min  
Response: 7318452  
Conc: 51.42 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



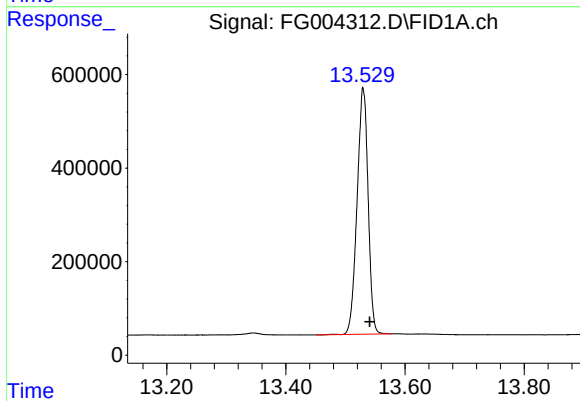
#6 N-OCTADECANE

R.T.: 11.020 min  
Delta R.T.: -0.011 min  
Response: 7154136  
Conc: 49.86 ug/ml



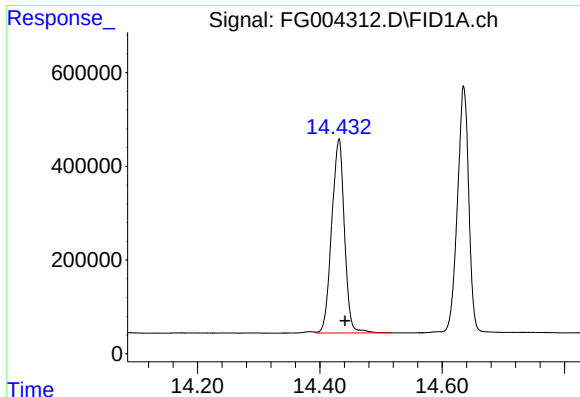
#7 N-EICOSANE

R.T.: 12.331 min  
Delta R.T.: -0.012 min  
Response: 6928045  
Conc: 48.50 ug/ml



#8 N-DOCOSANE

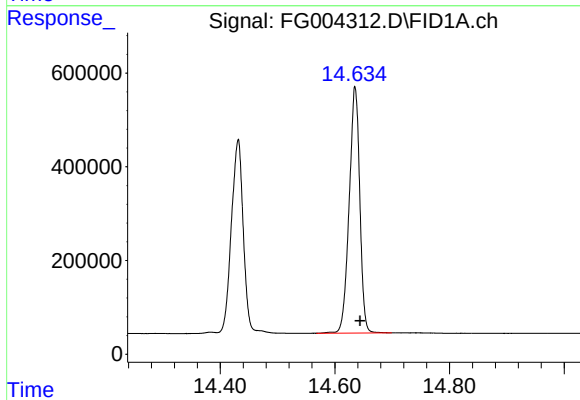
R.T.: 13.530 min  
Delta R.T.: -0.011 min  
Response: 6761843  
Conc: 47.64 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

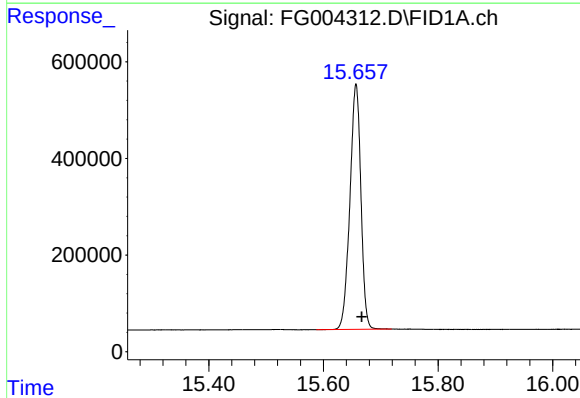
R.T.: 14.431 min  
Delta R.T.: -0.010 min  
Response: 5978750  
Conc: 47.56 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



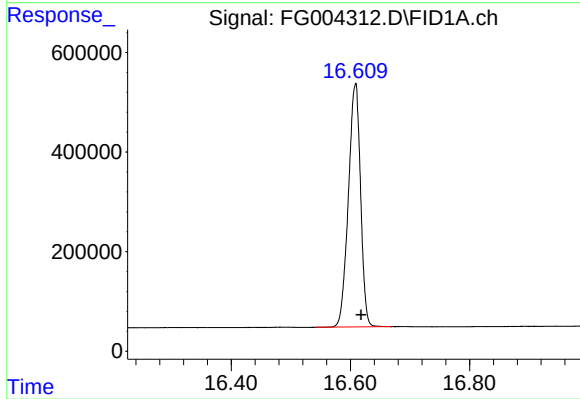
#10 N-TETRACOSANE

R.T.: 14.635 min  
Delta R.T.: -0.009 min  
Response: 6748788  
Conc: 47.85 ug/ml



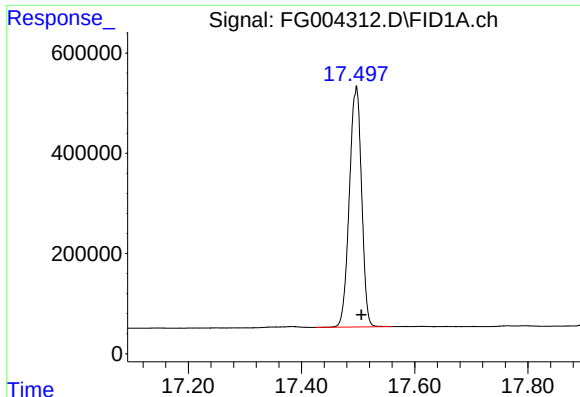
#11 N-HEXACOSANE

R.T.: 15.657 min  
Delta R.T.: -0.010 min  
Response: 6751358  
Conc: 48.48 ug/ml



#12 N-OCTACOSANE

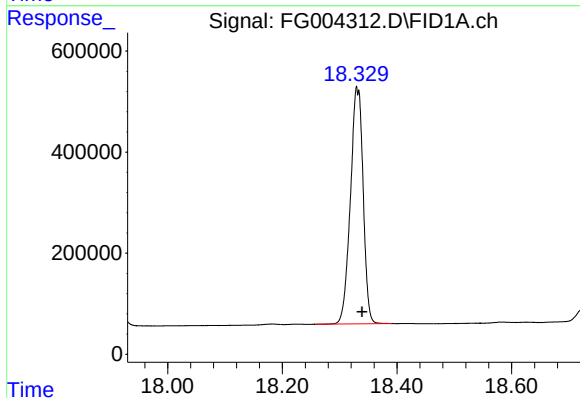
R.T.: 16.609 min  
Delta R.T.: -0.009 min  
Response: 6933193  
Conc: 50.64 ug/ml



#13 N-TRIACONTANE

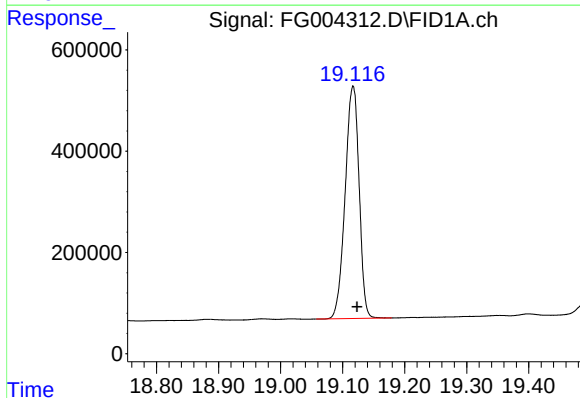
R.T.: 17.497 min  
Delta R.T.: -0.009 min  
Response: 7186443  
Conc: 53.81 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



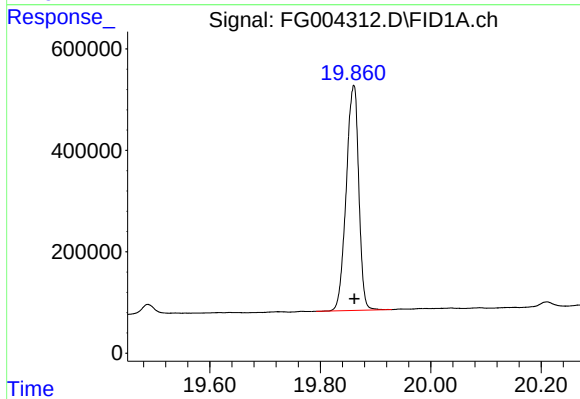
#14 N-DOTRIACONTANE

R.T.: 18.330 min  
Delta R.T.: -0.009 min  
Response: 7220645  
Conc: 57.07 ug/ml



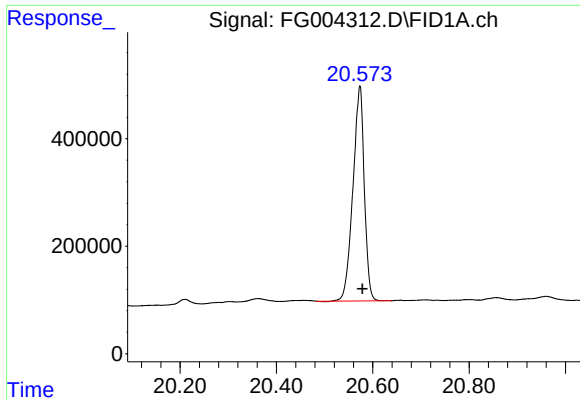
#15 N-TETRATRIACONTANE

R.T.: 19.117 min  
Delta R.T.: -0.007 min  
Response: 7172433  
Conc: 60.53 ug/ml



#16 N-HEXATRIACONTANE

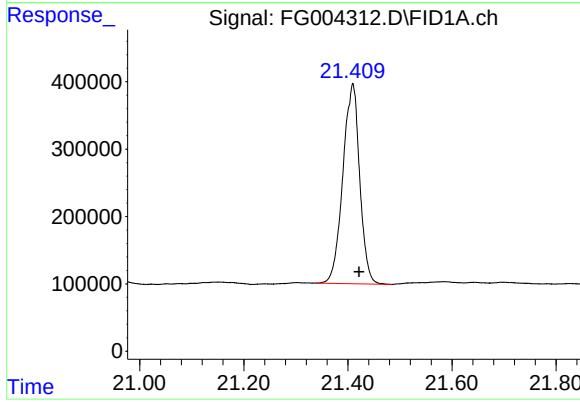
R.T.: 19.861 min  
Delta R.T.: -0.001 min  
Response: 7000806  
Conc: 63.24 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.574 min  
Delta R.T.: -0.005 min  
Response: 6567902  
Conc: 65.06 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.409 min  
Delta R.T.: -0.012 min  
Response: 6655819  
Conc: 62.75 ug/ml