

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG072624\  
 Data File : FG013961.D  
 Signal(s) : FID1A.ch  
 Acq On : 26 Jul 2024 10:16  
 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: Jul 27 02:52:58 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG072324.M  
 Quant Title :  
 QLast Update : Tue Jul 23 14:43:06 2024  
 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... | 14.954 | 5873043  | 48.552 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.967  | 5980583  | 49.703 ug/ml |
| 2) N-DECANE                   | 4.473  | 6142243  | 49.266 ug/ml |
| 3) N-DODECANE                 | 6.648  | 6380805  | 48.359 ug/ml |
| 4) N-TETRADECANE              | 8.480  | 6298568  | 48.173 ug/ml |
| 5) N-HEXADECANE               | 10.091 | 6462056  | 48.485 ug/ml |
| 6) N-OCTADECANE               | 11.537 | 6602822  | 48.317 ug/ml |
| 7) N-EICOSANE                 | 12.850 | 6452423  | 48.278 ug/ml |
| 8) N-DOCOSANE                 | 14.051 | 6366728  | 48.366 ug/ml |
| 10) N-TETRACOSANE             | 15.158 | 6317305  | 48.397 ug/ml |
| 11) N-HEXACOSANE              | 16.181 | 6193102  | 48.217 ug/ml |
| 12) N-OCTACOSANE              | 17.133 | 6089276  | 48.009 ug/ml |
| 13) N-TRIACONTANE             | 18.022 | 6003190  | 47.723 ug/ml |
| 14) N-DOTRIACONTANE           | 18.857 | 5667814  | 46.452 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.642 | 4720560  | 46.900 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.383 | 4026931  | 48.195 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.116 | 3872761  | 51.924 ug/ml |
| 18) N-TETRACONTANE            | 22.017 | 2925065  | 42.208 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

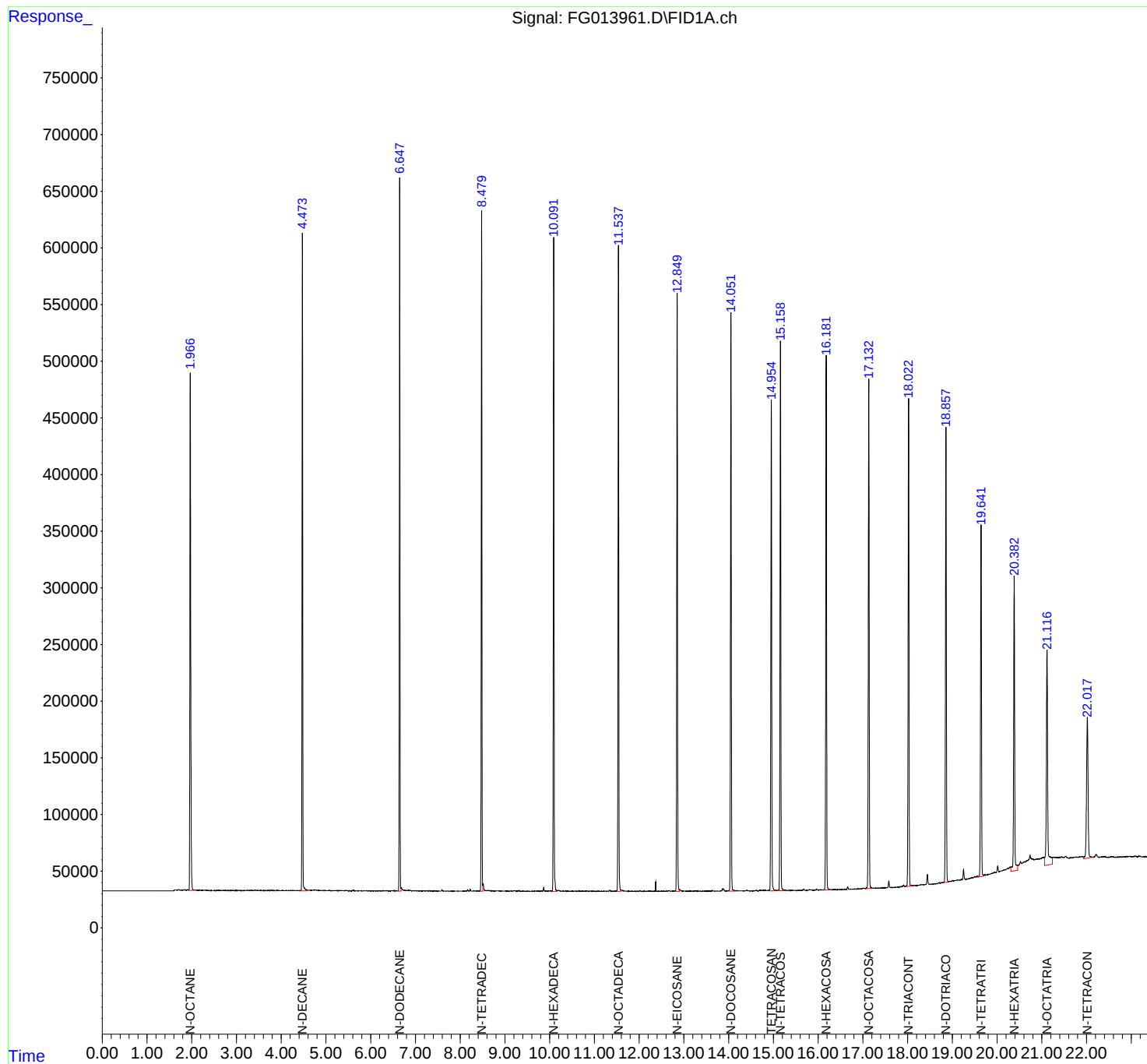
(m)=manual int.

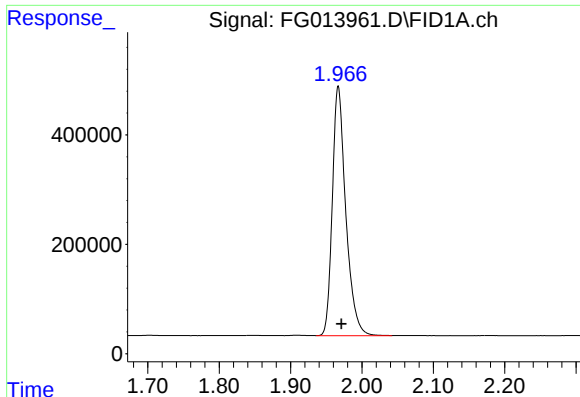
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Integrator: ChemStation

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

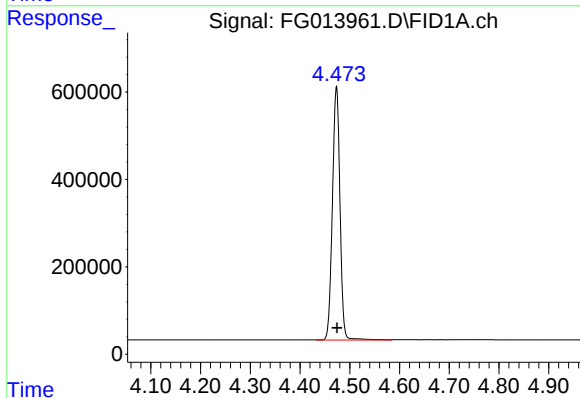




#1 N-OCTANE

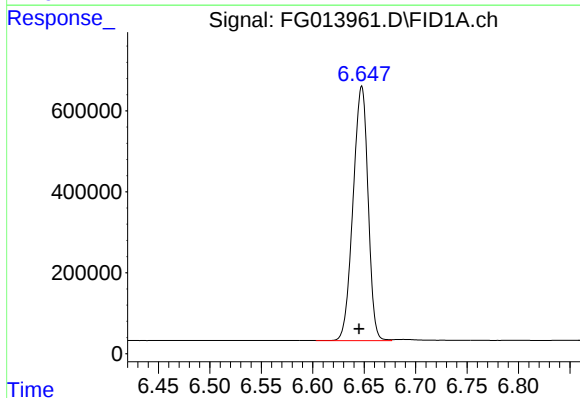
R.T.: 1.967 min  
Delta R.T.: -0.004 min  
Response: 5980583  
Conc: 49.70 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



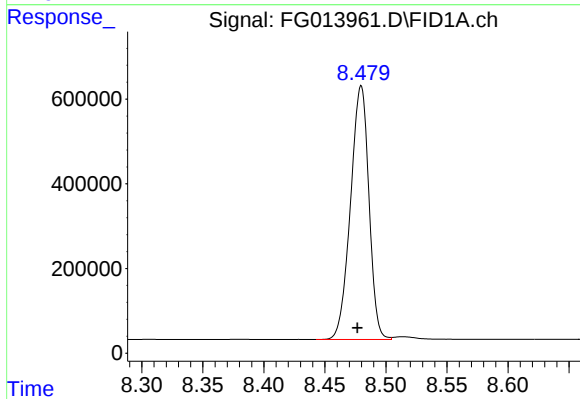
#2 N-DECANE

R.T.: 4.473 min  
Delta R.T.: 0.000 min  
Response: 6142243  
Conc: 49.27 ug/ml



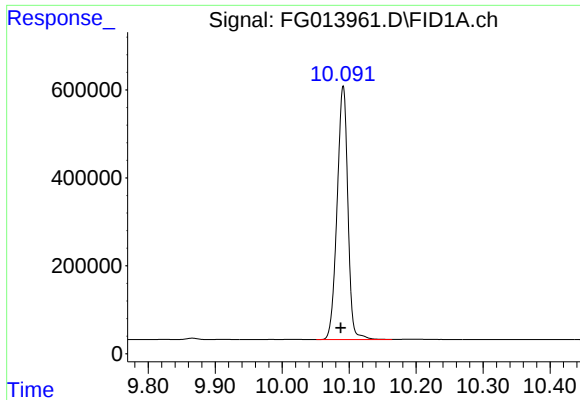
#3 N-DODECANE

R.T.: 6.648 min  
Delta R.T.: 0.002 min  
Response: 6380805  
Conc: 48.36 ug/ml



#4 N-TETRADECANE

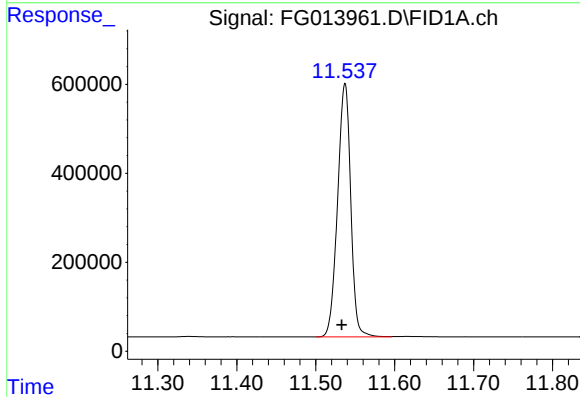
R.T.: 8.480 min  
Delta R.T.: 0.003 min  
Response: 6298568  
Conc: 48.17 ug/ml



#5 N-HEXADECANE

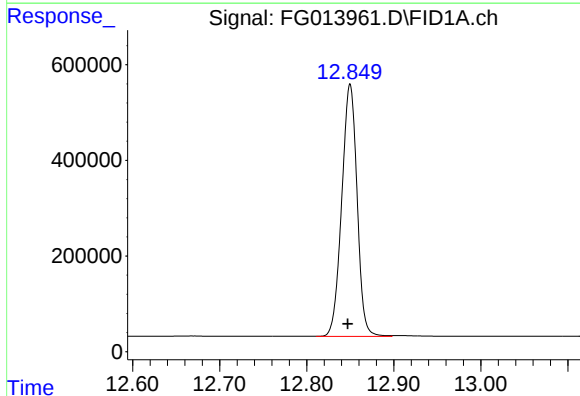
R.T.: 10.091 min  
Delta R.T.: 0.004 min  
Response: 6462056  
Conc: 48.48 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



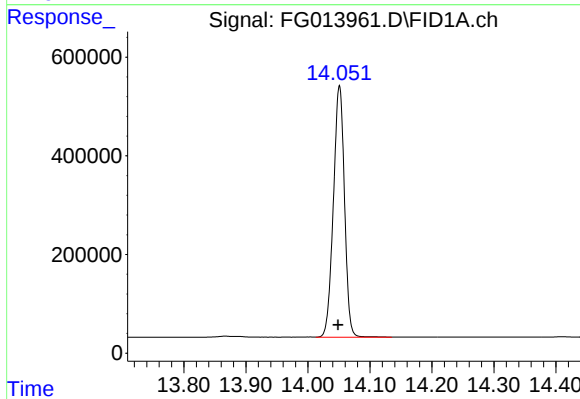
#6 N-OCTADECANE

R.T.: 11.537 min  
Delta R.T.: 0.004 min  
Response: 6602822  
Conc: 48.32 ug/ml



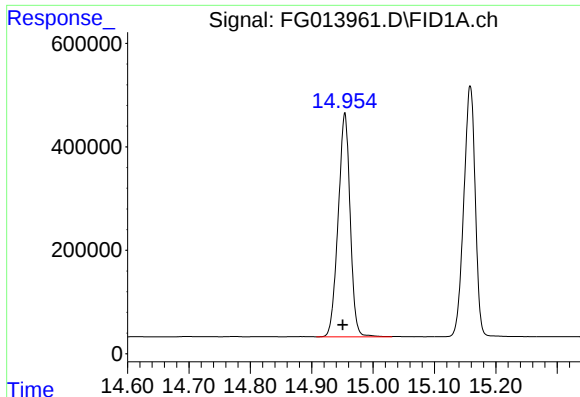
#7 N-EICOSANE

R.T.: 12.850 min  
Delta R.T.: 0.003 min  
Response: 6452423  
Conc: 48.28 ug/ml



#8 N-DOCOSANE

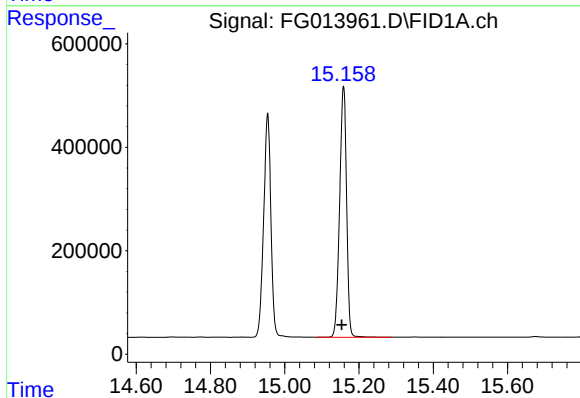
R.T.: 14.051 min  
Delta R.T.: 0.002 min  
Response: 6366728  
Conc: 48.37 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

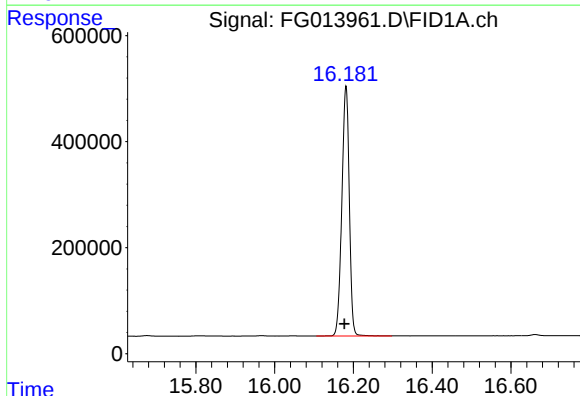
R.T.: 14.954 min  
Delta R.T.: 0.004 min  
Response: 5873043  
Conc: 48.55 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



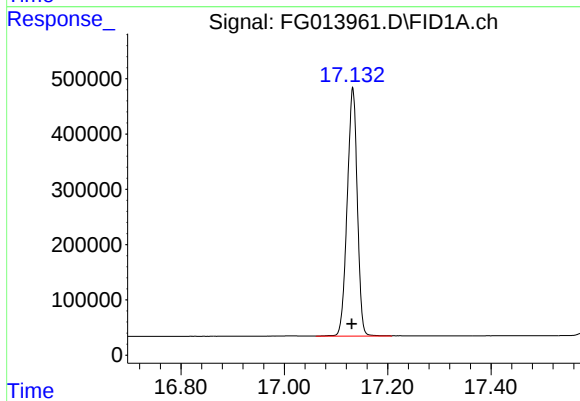
#10 N-TETRACOSANE

R.T.: 15.158 min  
Delta R.T.: 0.005 min  
Response: 6317305  
Conc: 48.40 ug/ml



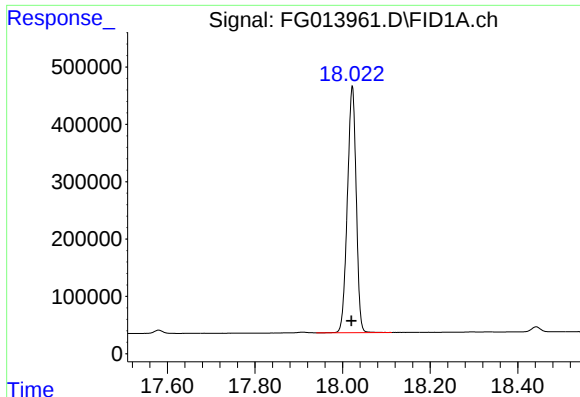
#11 N-HEXACOSANE

R.T.: 16.181 min  
Delta R.T.: 0.004 min  
Response: 6193102  
Conc: 48.22 ug/ml



#12 N-OCTACOSANE

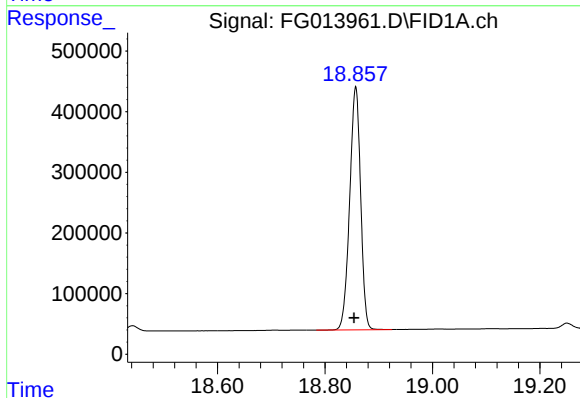
R.T.: 17.133 min  
Delta R.T.: 0.002 min  
Response: 6089276  
Conc: 48.01 ug/ml



#13 N-TRIACONTANE

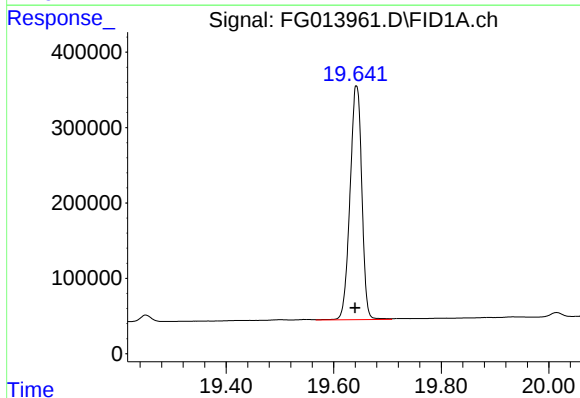
R.T.: 18.022 min  
Delta R.T.: 0.002 min  
Response: 6003190  
Conc: 47.72 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



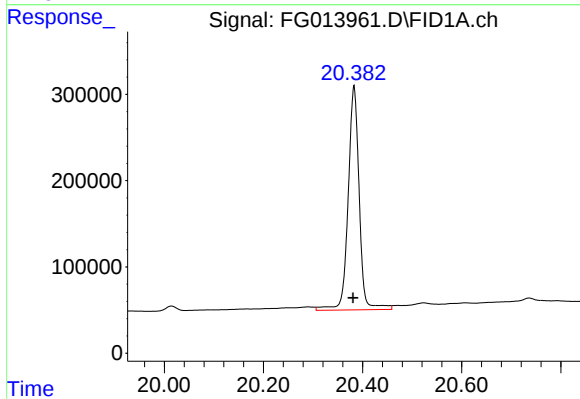
#14 N-DOTRIACONTANE

R.T.: 18.857 min  
Delta R.T.: 0.003 min  
Response: 5667814  
Conc: 46.45 ug/ml



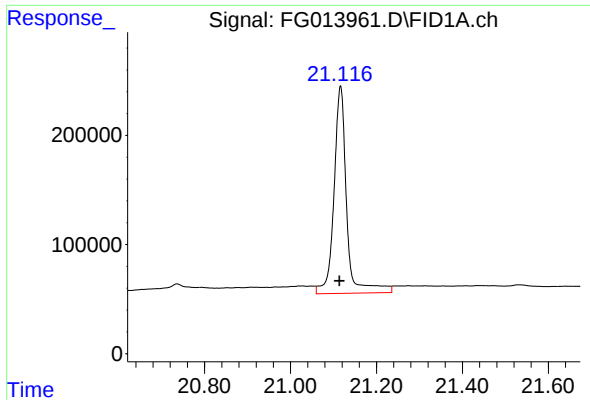
#15 N-TETRATRIACONTANE

R.T.: 19.642 min  
Delta R.T.: 0.003 min  
Response: 4720560  
Conc: 46.90 ug/ml



#16 N-HEXATRIACONTANE

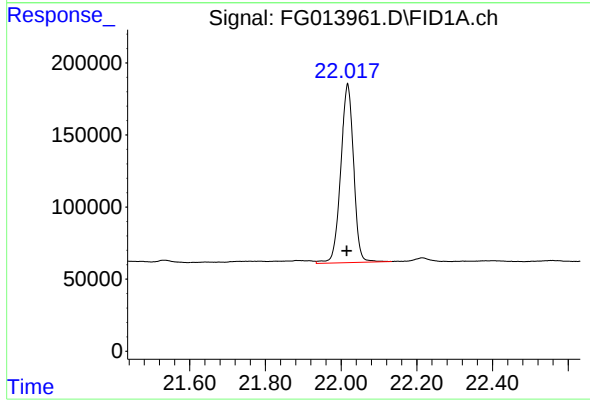
R.T.: 20.383 min  
Delta R.T.: 0.002 min  
Response: 4026931  
Conc: 48.19 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.116 min  
Delta R.T.: 0.002 min  
Response: 3872761  
Conc: 51.92 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.017 min  
Delta R.T.: 0.002 min  
Response: 2925065  
Conc: 42.21 ug/ml