

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG092722\  
 Data File : FG010694.D  
 Signal(s) : FID1A.ch  
 Acq On : 27 Sep 2022 13:39  
 Operator : YP\AJ  
 Sample : N4733-01MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 AU-05-092122MS

Integration File: autoint1.e  
 Quant Time: Sep 28 02:03:10 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG092622.M  
 Quant Title :  
 QLast Update : Mon Sep 26 16:36:10 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... | 14.768  | 2325210  | 19.633 ug/ml  |
| Target Compounds              |         |          |               |
| 1) N-OCTANE                   | 1.790   | 1966932  | 15.575 ug/ml  |
| 2) N-DECANE                   | 4.287   | 3058569  | 24.024 ug/ml  |
| 3) N-DODECANE                 | 6.467   | 3337255  | 25.928 ug/ml  |
| 4) N-TETRADECANE              | 8.296   | 3475366  | 26.770 ug/ml  |
| 5) N-HEXADECANE               | 9.906   | 3574101  | 26.747 ug/ml  |
| 6) N-OCTADECANE               | 11.350  | 3665651  | 26.981 ug/ml  |
| 7) N-EICOSANE                 | 12.662  | 3824524  | 27.975 ug/ml  |
| 8) N-DOCOSANE                 | 13.866  | 3809661  | 28.228 ug/ml  |
| 10) N-TETRACOSANE             | 14.970  | 4662439  | 34.276 ug/ml  |
| 11) N-HEXACOSANE              | 15.996  | 3573670  | 26.429 ug/mlm |
| 12) N-OCTACOSANE              | 16.952  | 3615950  | 27.003 ug/ml  |
| 13) N-TRIACONTANE             | 17.846  | 4249730  | 31.922 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.687  | 4225546  | 31.998 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.478  | 3978659  | 30.219 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.225  | 3839807  | 30.245 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.943  | 3995217  | 31.587 ug/mlm |
| 18) N-TETRACONTANE            | 21.792f | 1562868  | 11.800 ug/mlm |
| -----                         |         |          |               |

(f)=RT Delta > 1/2 Window

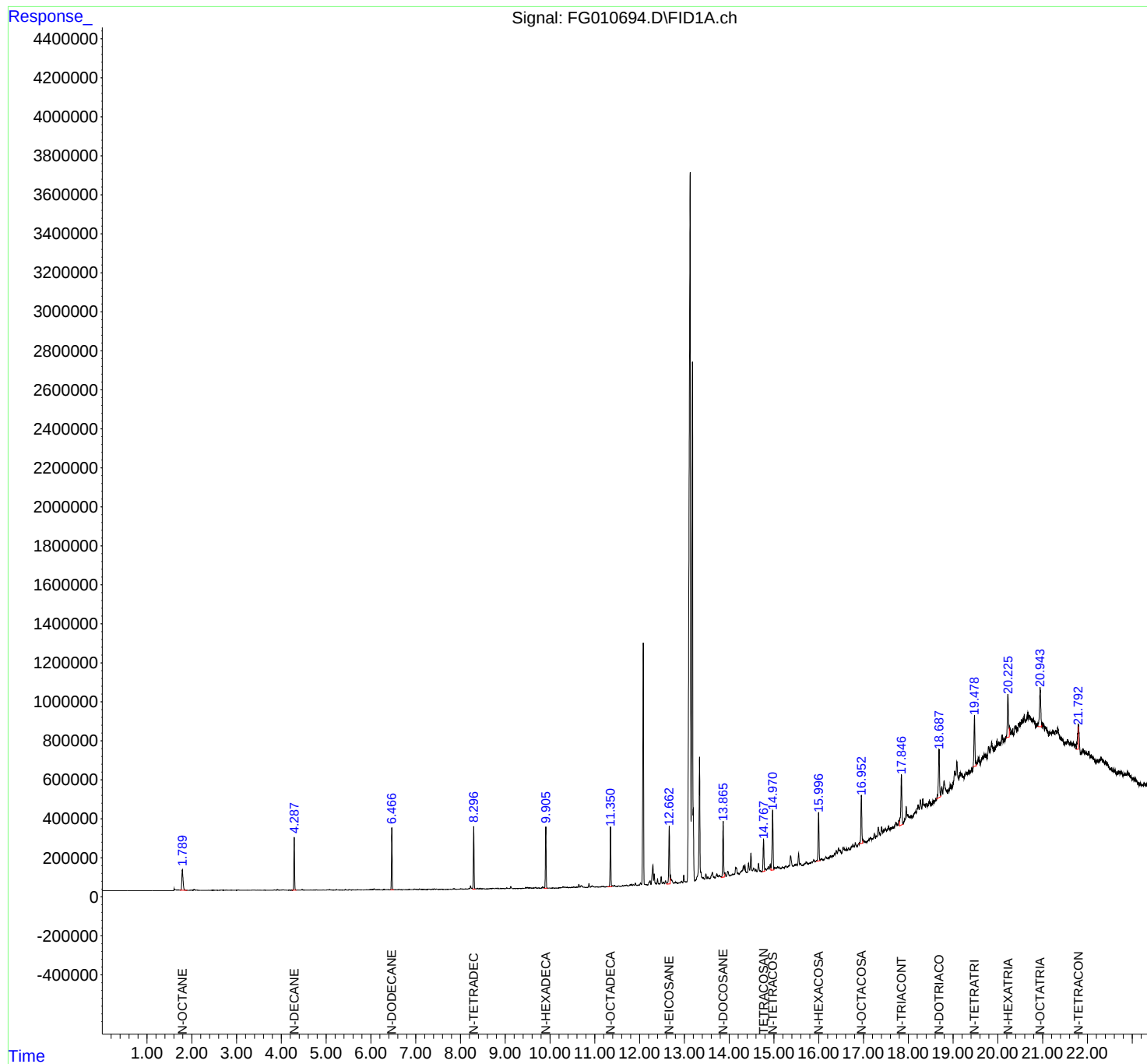
(m)=manual int.

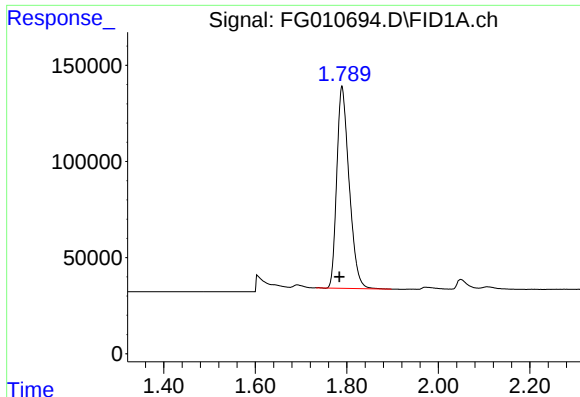
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Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um

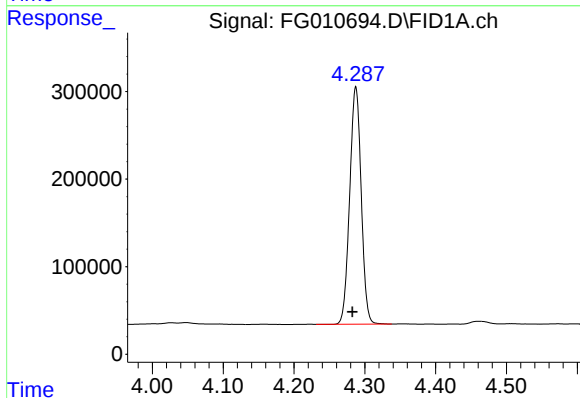




#1 N-OCTANE

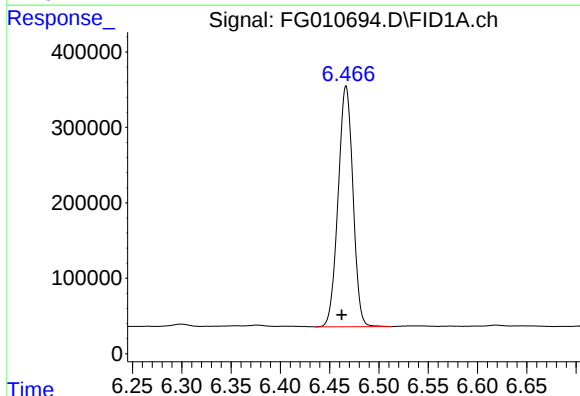
R.T.: 1.790 min  
Delta R.T.: 0.006 min  
Response: 1966932  
Conc: 15.57 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
AU-05-092122MS



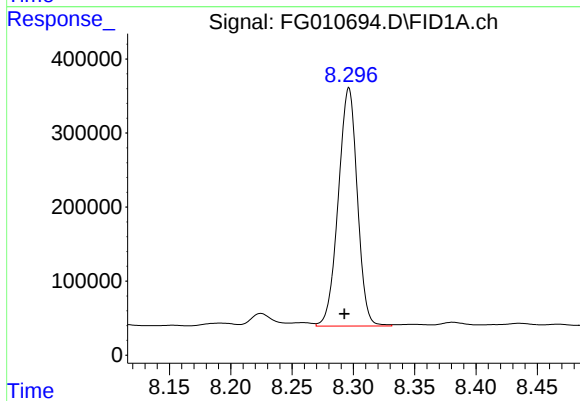
#2 N-DECANE

R.T.: 4.287 min  
Delta R.T.: 0.005 min  
Response: 3058569  
Conc: 24.02 ug/ml



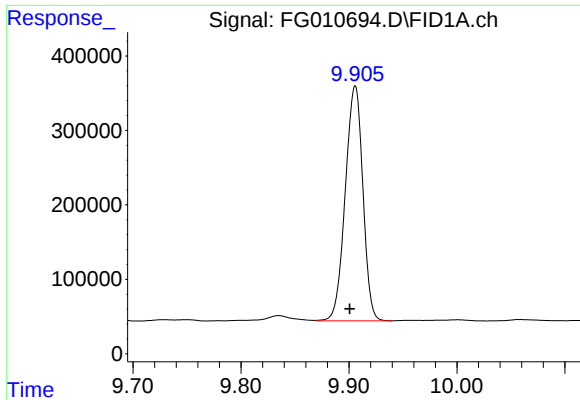
#3 N-DODECANE

R.T.: 6.467 min  
Delta R.T.: 0.004 min  
Response: 3337255  
Conc: 25.93 ug/ml



#4 N-TETRADECANE

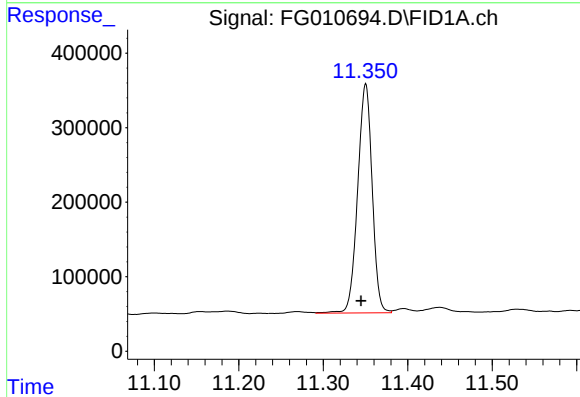
R.T.: 8.296 min  
Delta R.T.: 0.003 min  
Response: 3475366  
Conc: 26.77 ug/ml



#5 N-HEXADECANE

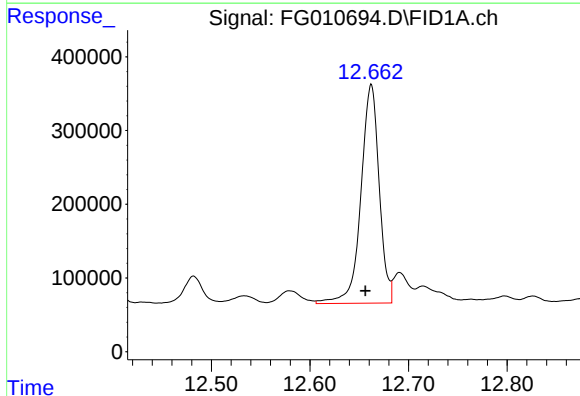
R.T.: 9.906 min  
Delta R.T.: 0.005 min  
Response: 3574101  
Conc: 26.75 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
AU-05-092122MS



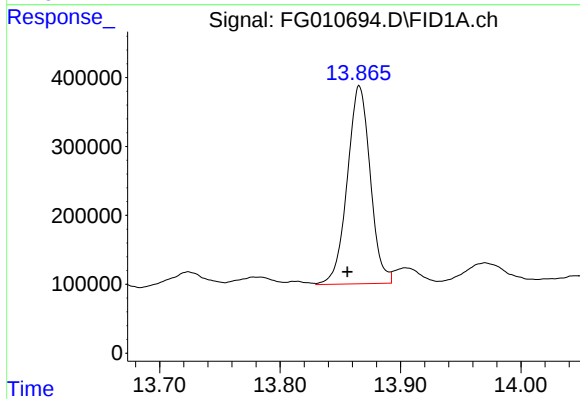
#6 N-OCTADECANE

R.T.: 11.350 min  
Delta R.T.: 0.005 min  
Response: 3665651  
Conc: 26.98 ug/ml



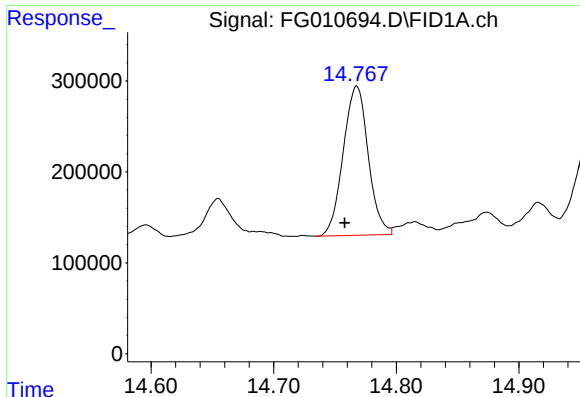
#7 N-EICOSANE

R.T.: 12.662 min  
Delta R.T.: 0.006 min  
Response: 3824524  
Conc: 27.97 ug/ml



#8 N-DOCOSANE

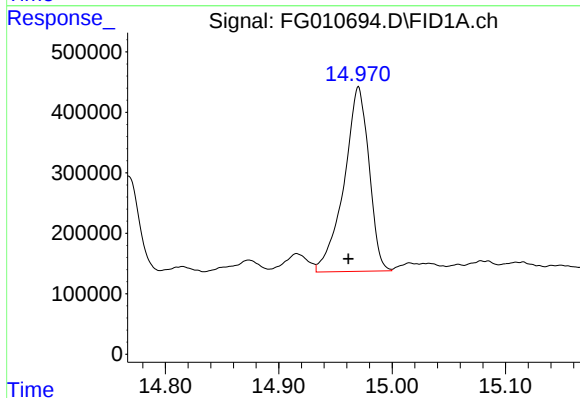
R.T.: 13.866 min  
Delta R.T.: 0.010 min  
Response: 3809661  
Conc: 28.23 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

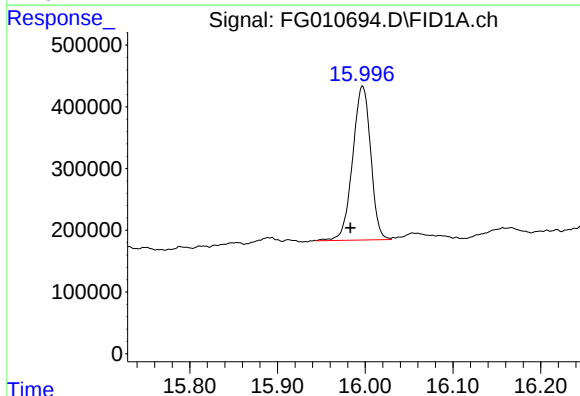
R.T.: 14.768 min  
Delta R.T.: 0.010 min  
Response: 2325210  
Conc: 19.63 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
AU-05-092122MS



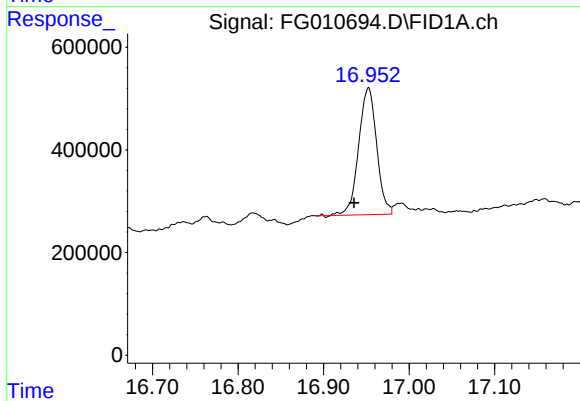
#10 N-TETRACOSANE

R.T.: 14.970 min  
Delta R.T.: 0.009 min  
Response: 4662439  
Conc: 34.28 ug/ml



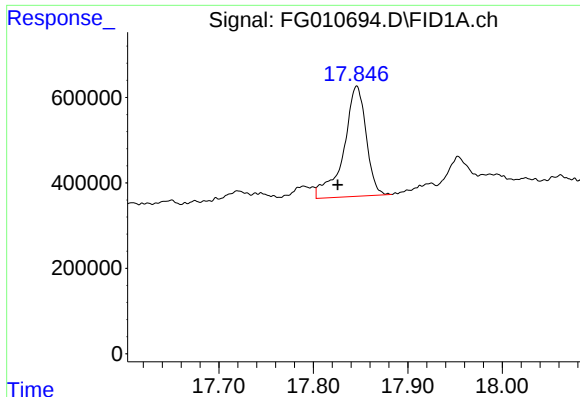
#11 N-HEXACOSANE

R.T.: 15.996 min  
Delta R.T.: 0.013 min  
Response: 3573670  
Conc: 26.43 ug/ml m



#12 N-OCTACOSANE

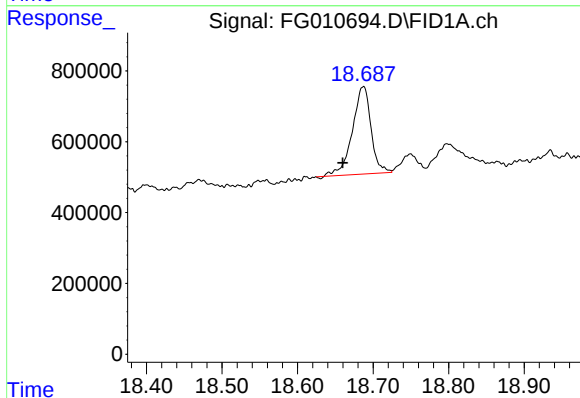
R.T.: 16.952 min  
Delta R.T.: 0.016 min  
Response: 3615950  
Conc: 27.00 ug/ml



#13 N-TRIACONTANE

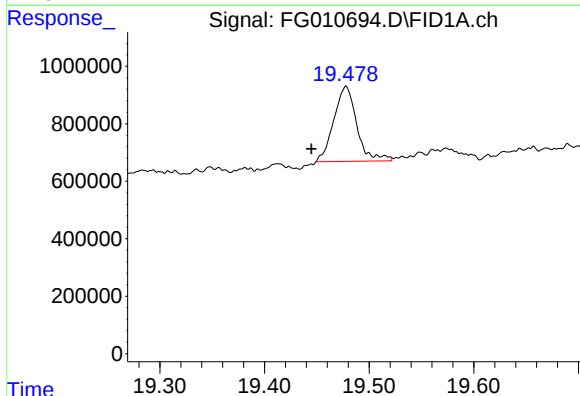
R.T.: 17.846 min  
Delta R.T.: 0.020 min  
Response: 4249730  
Conc: 31.92 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
AU-05-092122MS



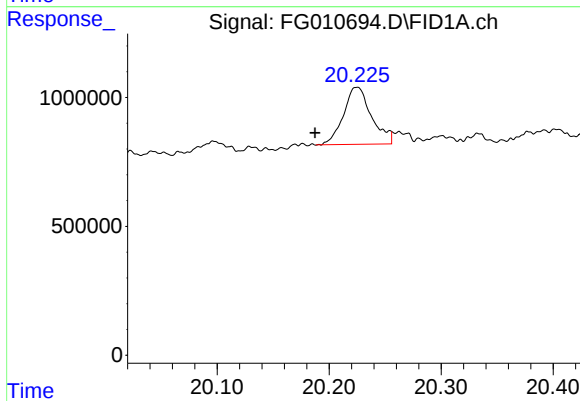
#14 N-DOTRIACONTANE

R.T.: 18.687 min  
Delta R.T.: 0.027 min  
Response: 4225546  
Conc: 32.00 ug/ml



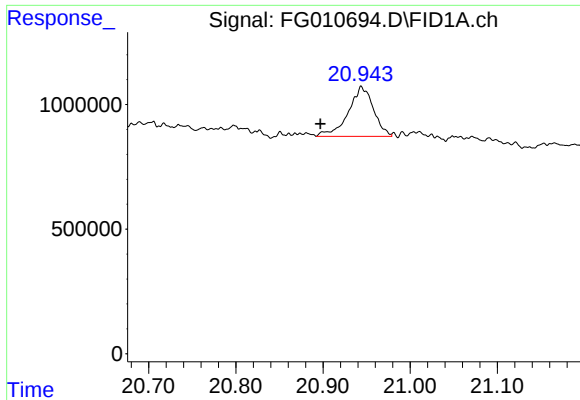
#15 N-TETRATRIACONTANE

R.T.: 19.478 min  
Delta R.T.: 0.033 min  
Response: 3978659  
Conc: 30.22 ug/ml m



#16 N-HEXATRIACONTANE

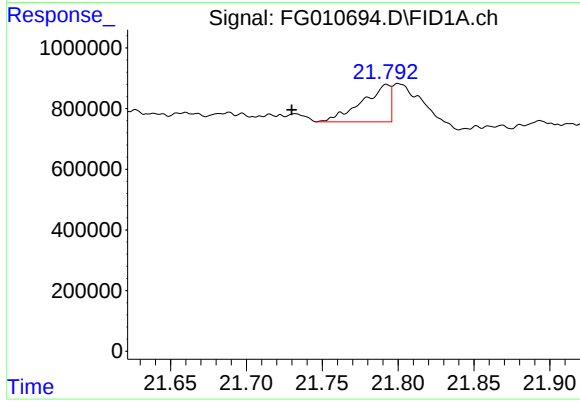
R.T.: 20.225 min  
Delta R.T.: 0.038 min  
Response: 3839807  
Conc: 30.24 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.943 min  
Delta R.T.: 0.046 min  
Response: 3995217  
Conc: 31.59 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
AU-05-092122MS



#18 N-TETRACONTANE

R.T.: 21.792 min  
Delta R.T.: 0.062 min  
Response: 1562868  
Conc: 11.80 ug/ml m