

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG101121\  
 Data File : FG008828.D  
 Signal(s) : FID1A.ch  
 Acq On : 11 Oct 2021 10:30  
 Operator : AJ\MA  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Oct 12 01:49:03 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG100721.M  
 Quant Title :  
 QLast Update : Fri Oct 08 03:31:08 2021  
 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... | 14.740 | 5585220  | 48.387 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.339  | 6736788  | 48.768 ug/ml |
| 2) N-DECANE                   | 4.441  | 6836147  | 49.001 ug/ml |
| 3) N-DODECANE                 | 6.469  | 6906466  | 48.980 ug/ml |
| 4) N-TETRADECANE              | 8.270  | 6954521  | 49.332 ug/ml |
| 5) N-HEXADECANE               | 9.876  | 6864132  | 49.016 ug/ml |
| 6) N-OCTADECANE               | 11.321 | 6884772  | 48.716 ug/ml |
| 7) N-EICOSANE                 | 12.635 | 6772691  | 48.563 ug/ml |
| 8) N-DOCOSANE                 | 13.837 | 6534955  | 48.449 ug/ml |
| 10) N-TETRACOSANE             | 14.943 | 6347393  | 48.340 ug/ml |
| 11) N-HEXACOSANE              | 15.969 | 6067898  | 48.471 ug/ml |
| 12) N-OCTACOSANE              | 16.919 | 5772612  | 48.443 ug/ml |
| 13) N-TRIACONTANE             | 17.810 | 5494078  | 48.438 ug/ml |
| 14) N-DOTRIACONTANE           | 18.642 | 5426566  | 51.159 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.427 | 5814326  | 58.379 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.169 | 6248564  | 67.658 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.921 | 6401218  | 72.924 ug/ml |
| 18) N-TETRACONTANE            | 21.865 | 6617384  | 74.315 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

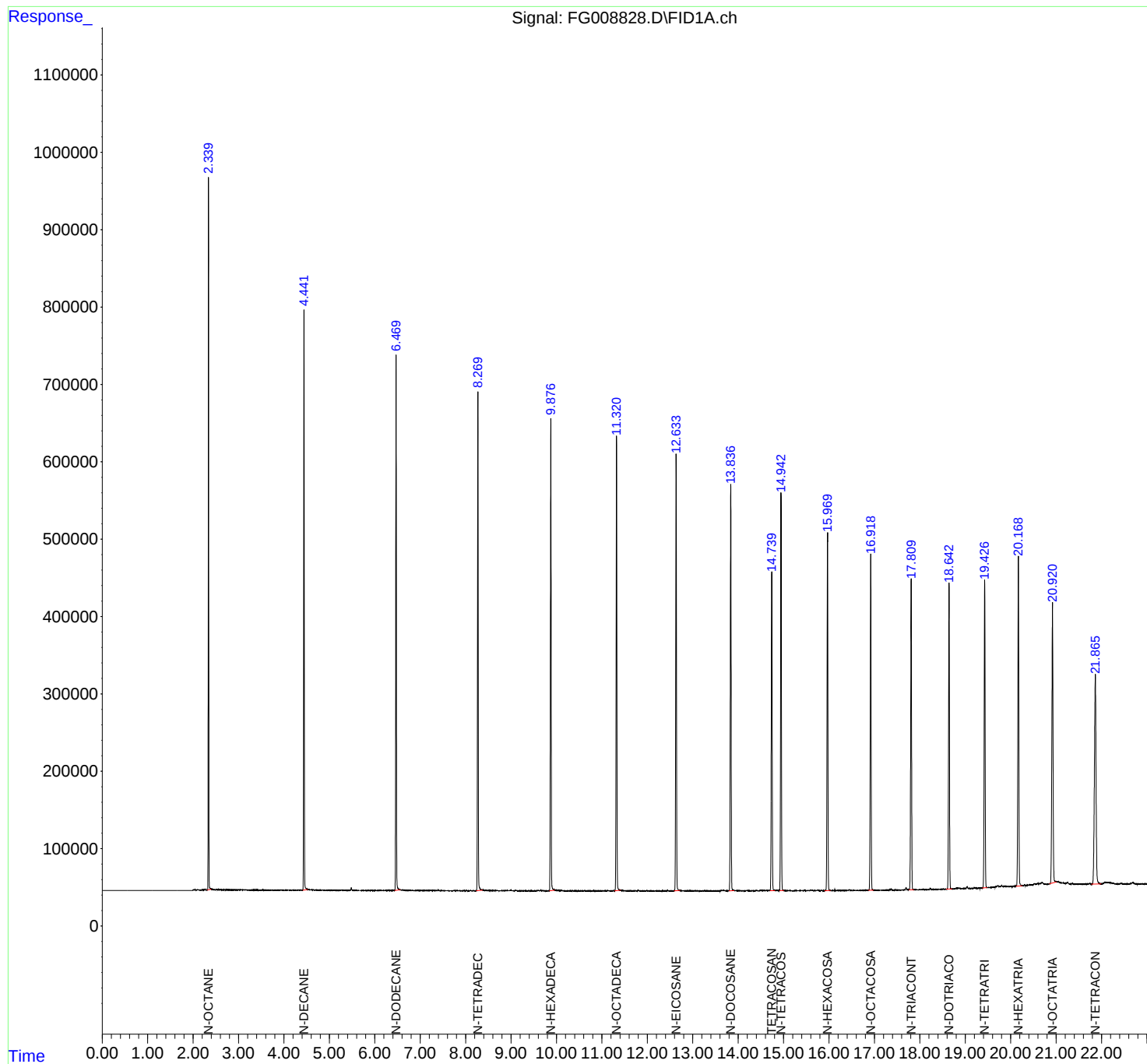
(m)=manual int.

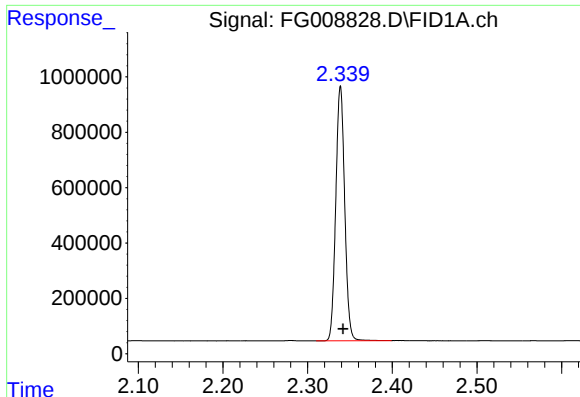
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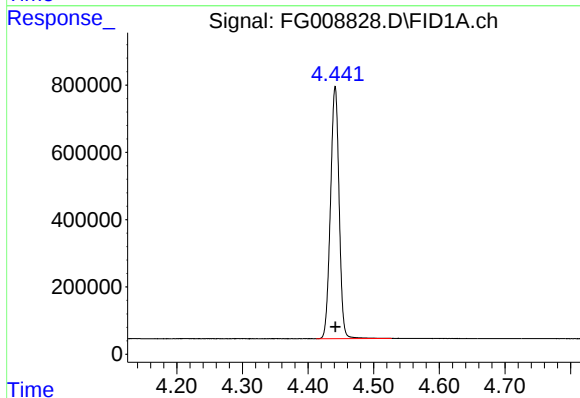




#1 N-OCTANE

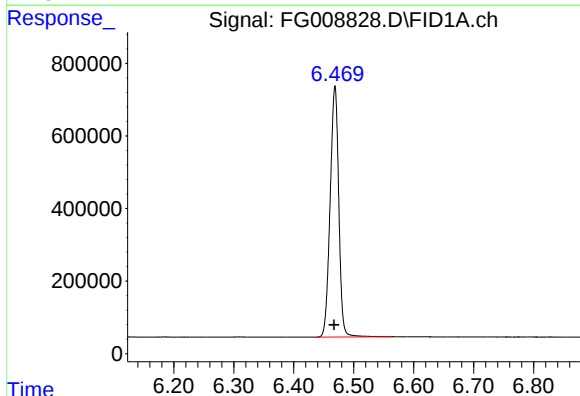
R.T.: 2.339 min  
Delta R.T.: -0.003 min  
Response: 6736788  
Conc: 48.77 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



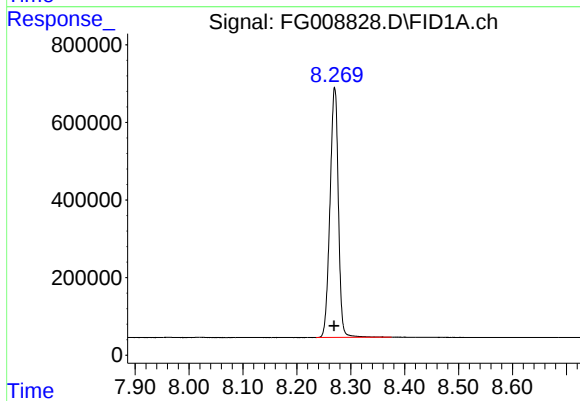
#2 N-DECANE

R.T.: 4.441 min  
Delta R.T.: 0.000 min  
Response: 6836147  
Conc: 49.00 ug/ml



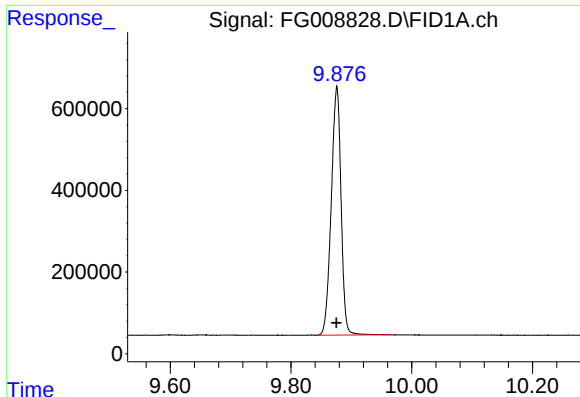
#3 N-DODECANE

R.T.: 6.469 min  
Delta R.T.: 0.001 min  
Response: 6906466  
Conc: 48.98 ug/ml



#4 N-TETRADECANE

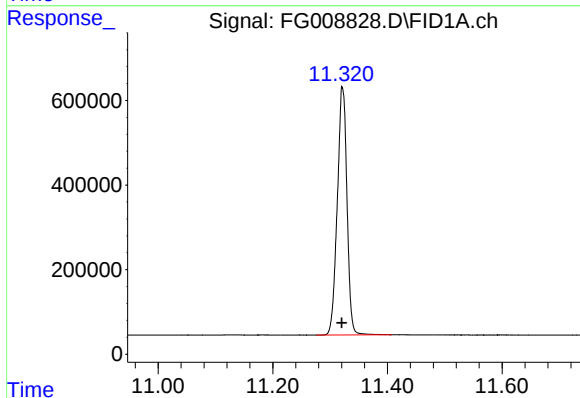
R.T.: 8.270 min  
Delta R.T.: 0.000 min  
Response: 6954521  
Conc: 49.33 ug/ml



#5 N-HEXADECANE

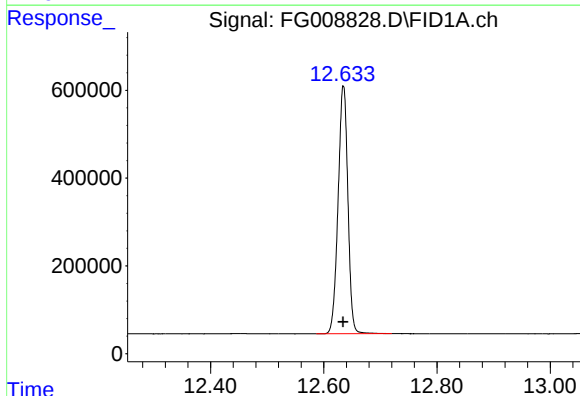
R.T.: 9.876 min  
Delta R.T.: 0.000 min  
Response: 6864132  
Conc: 49.02 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



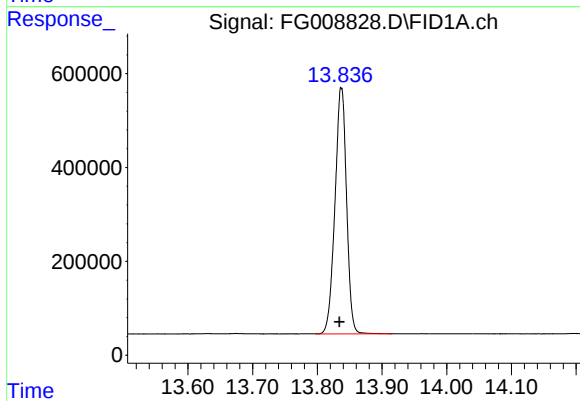
#6 N-OCTADECANE

R.T.: 11.321 min  
Delta R.T.: 0.000 min  
Response: 6884772  
Conc: 48.72 ug/ml



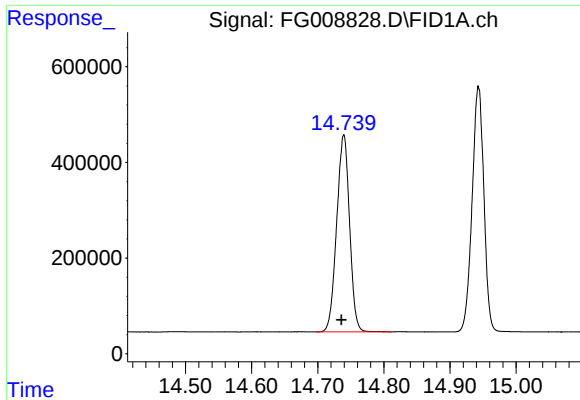
#7 N-EICOSANE

R.T.: 12.635 min  
Delta R.T.: 0.000 min  
Response: 6772691  
Conc: 48.56 ug/ml



#8 N-DOCOSANE

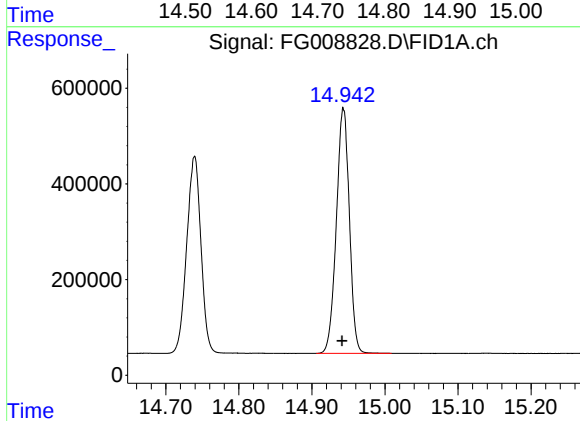
R.T.: 13.837 min  
Delta R.T.: 0.003 min  
Response: 6534955  
Conc: 48.45 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

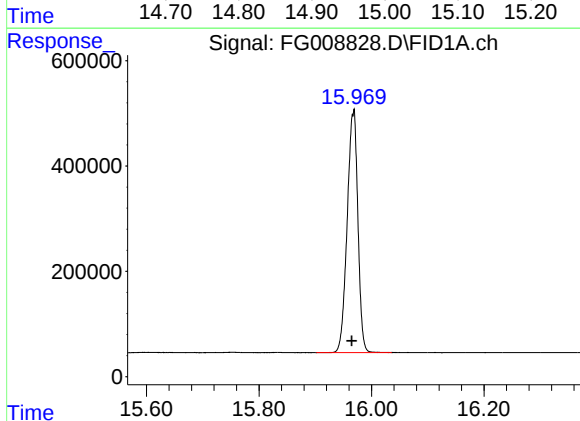
R.T.: 14.740 min  
Delta R.T.: 0.004 min  
Response: 5585220  
Conc: 48.39 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



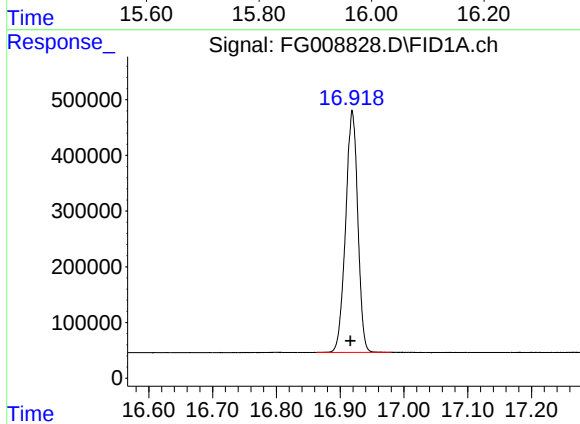
#10 N-TETRACOSANE

R.T.: 14.943 min  
Delta R.T.: 0.002 min  
Response: 6347393  
Conc: 48.34 ug/ml



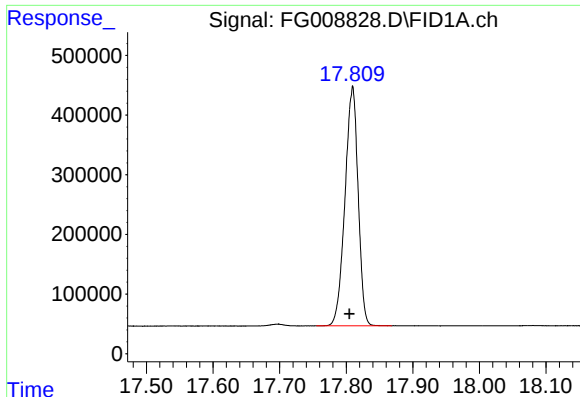
#11 N-HEXACOSANE

R.T.: 15.969 min  
Delta R.T.: 0.004 min  
Response: 6067898  
Conc: 48.47 ug/ml



#12 N-OCTACOSANE

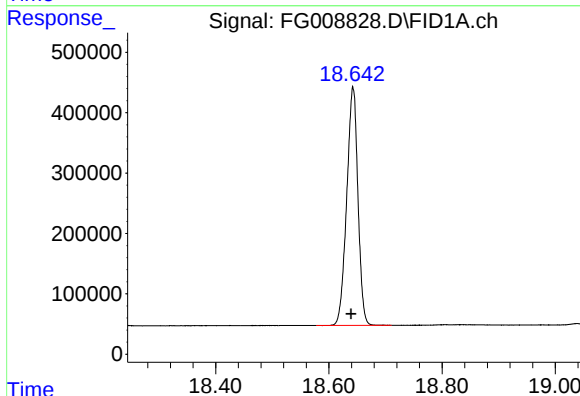
R.T.: 16.919 min  
Delta R.T.: 0.003 min  
Response: 5772612  
Conc: 48.44 ug/ml



#13 N-TRIACONTANE

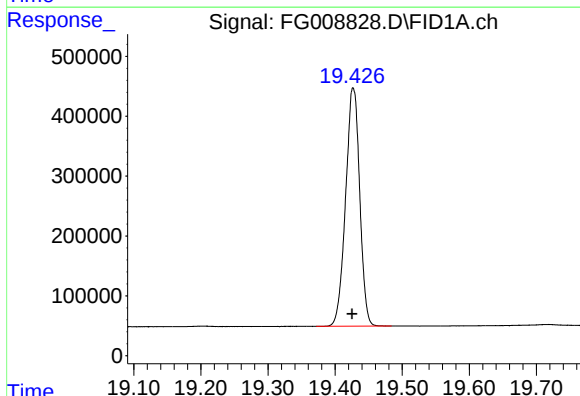
R.T.: 17.810 min  
Delta R.T.: 0.005 min  
Response: 5494078  
Conc: 48.44 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



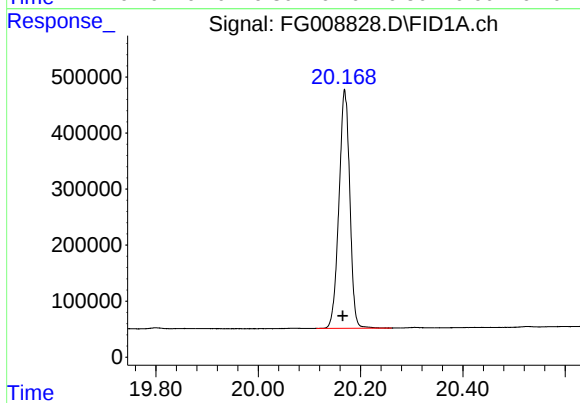
#14 N-DOTRIACONTANE

R.T.: 18.642 min  
Delta R.T.: 0.003 min  
Response: 5426566  
Conc: 51.16 ug/ml



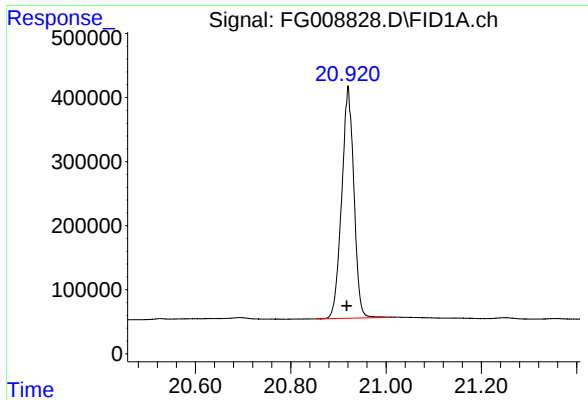
#15 N-TETRATRIACONTANE

R.T.: 19.427 min  
Delta R.T.: 0.002 min  
Response: 5814326  
Conc: 58.38 ug/ml



#16 N-HEXATRIACONTANE

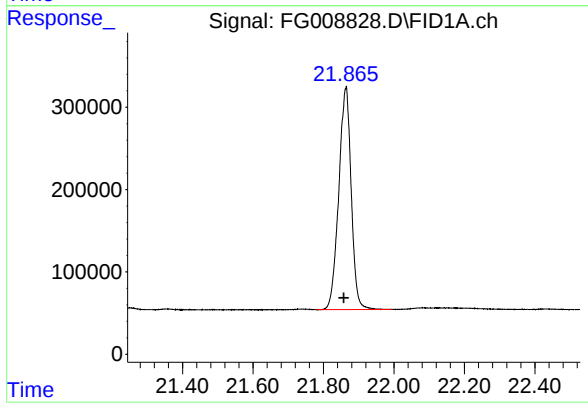
R.T.: 20.169 min  
Delta R.T.: 0.004 min  
Response: 6248564  
Conc: 67.66 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.921 min  
Delta R.T.: 0.003 min  
Response: 6401218  
Conc: 72.92 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 21.865 min  
Delta R.T.: 0.007 min  
Response: 6617384  
Conc: 74.32 ug/ml