

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF121021\  
 Data File : FF009348.D  
 Signal(s) : FID2B.ch  
 Acq On : 10 Dec 2021 10:30  
 Operator : AJ\MA  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 50 PPM TRPH STD

Integration File: autoint1.e  
 Quant Time: Dec 10 23:10:49 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF112321.M  
 Quant Title :  
 QLast Update : Wed Nov 24 00:27:43 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... | 14.683 | 6006924  | 49.722 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.337  | 7255561  | 52.970 ug/ml |
| 2) N-DECANE                   | 4.432  | 7388254  | 53.931 ug/ml |
| 3) N-DODECANE                 | 6.449  | 7438599  | 53.509 ug/ml |
| 4) N-TETRADECANE              | 8.242  | 7471043  | 52.572 ug/ml |
| 5) N-HEXADECANE               | 9.841  | 7328555  | 51.915 ug/ml |
| 6) N-OCTADECANE               | 11.281 | 7308603  | 51.133 ug/ml |
| 7) N-EICOSANE                 | 12.589 | 7139376  | 50.148 ug/ml |
| 8) N-DOCOSANE                 | 13.787 | 6799989  | 49.057 ug/ml |
| 10) N-TETRACOSANE             | 14.888 | 6628109  | 48.437 ug/ml |
| 11) N-HEXACOSANE              | 15.907 | 6216373  | 47.002 ug/ml |
| 12) N-OCTACOSANE              | 16.854 | 5816634  | 45.666 ug/ml |
| 13) N-TRIACONTANE             | 17.739 | 5529606  | 45.168 ug/ml |
| 14) N-DOTRIACONTANE           | 18.570 | 5242962  | 45.652 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.352 | 4814092  | 44.837 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.088 | 4332944  | 43.254 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.823 | 3792279  | 41.046 ug/ml |
| 18) N-TETRACONTANE            | 21.730 | 3270648  | 34.984 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

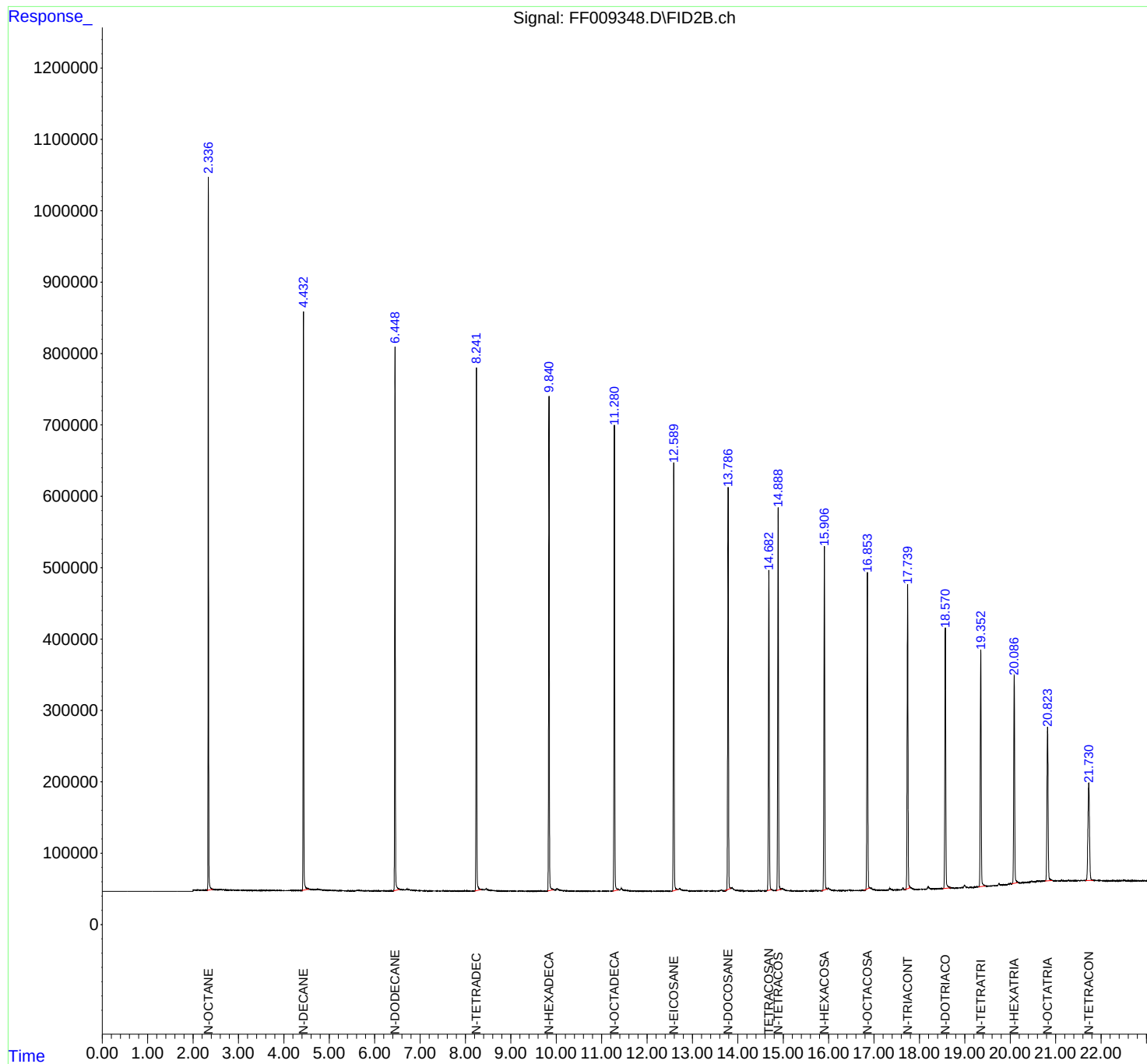
(m)=manual int.

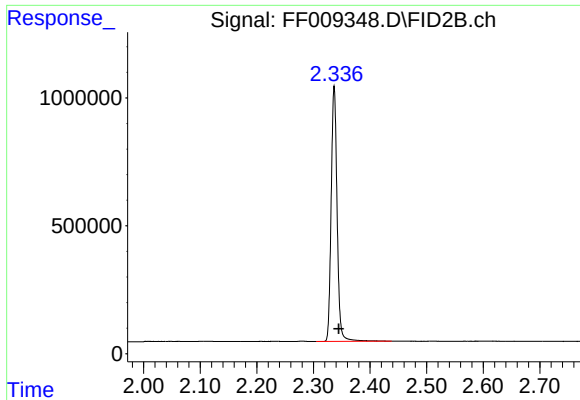
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Quant Title :  
QLast Update : Wed Nov 24 00:27:43 2021  
Response via : Initial Calibration  
Integrator: ChemStation

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

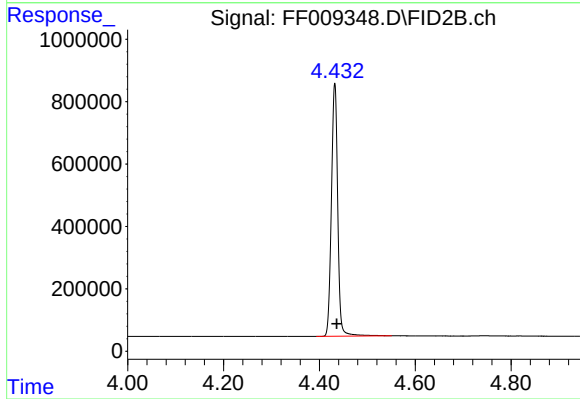




#1 N-OCTANE

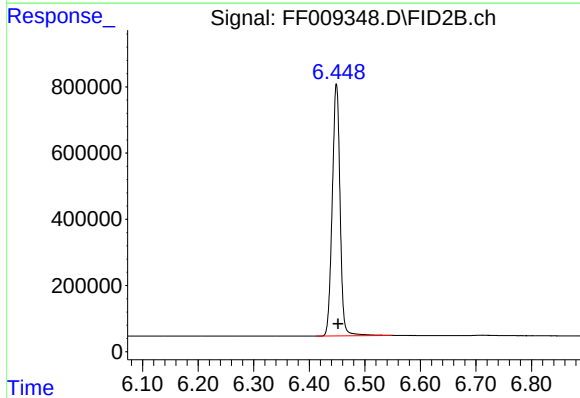
R.T.: 2.337 min  
Delta R.T.: -0.008 min  
Response: 7255561  
Conc: 52.97 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



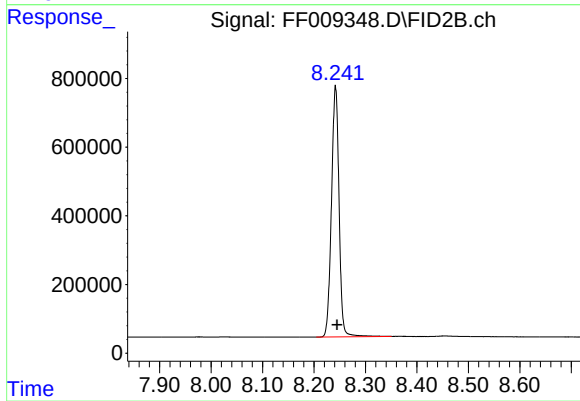
#2 N-DECANE

R.T.: 4.432 min  
Delta R.T.: -0.004 min  
Response: 7388254  
Conc: 53.93 ug/ml



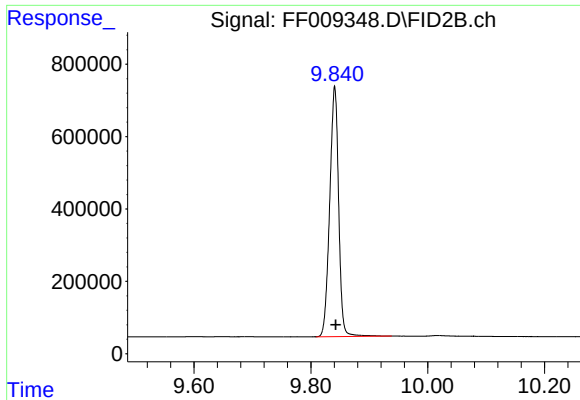
#3 N-DODECANE

R.T.: 6.449 min  
Delta R.T.: -0.003 min  
Response: 7438599  
Conc: 53.51 ug/ml



#4 N-TETRADECANE

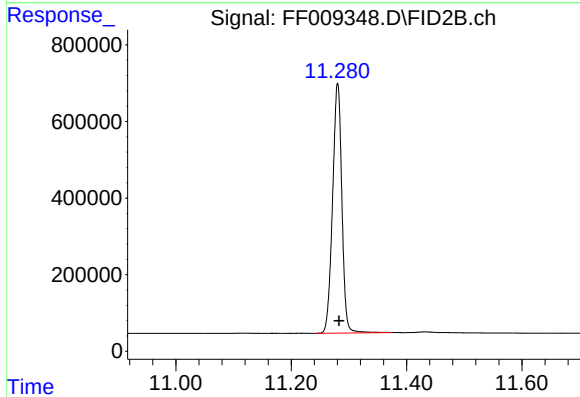
R.T.: 8.242 min  
Delta R.T.: -0.003 min  
Response: 7471043  
Conc: 52.57 ug/ml



#5 N-HEXADECANE

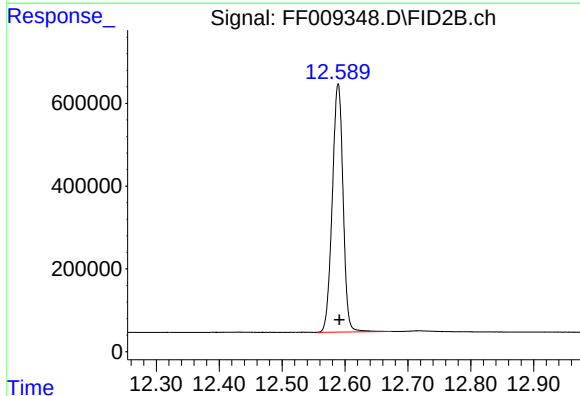
R.T.: 9.841 min  
Delta R.T.: -0.002 min  
Response: 7328555  
Conc: 51.92 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



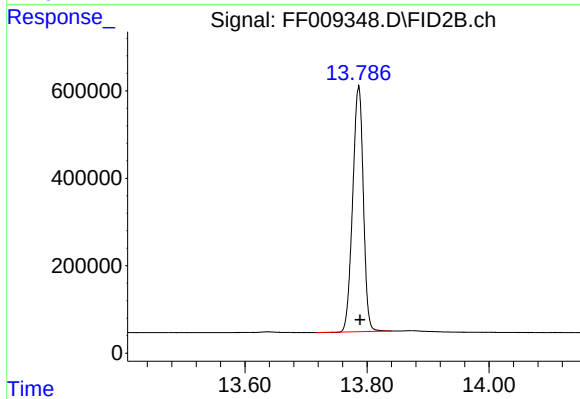
#6 N-OCTADECANE

R.T.: 11.281 min  
Delta R.T.: -0.003 min  
Response: 7308603  
Conc: 51.13 ug/ml



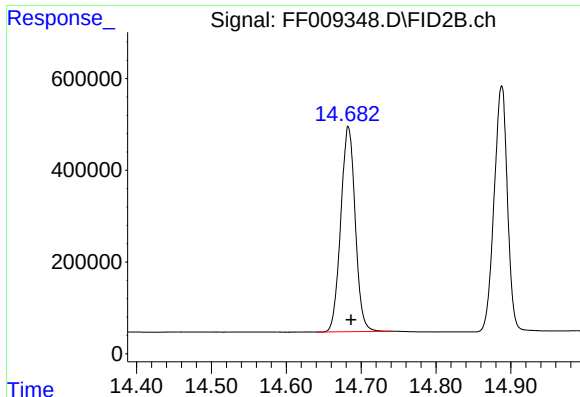
#7 N-EICOSANE

R.T.: 12.589 min  
Delta R.T.: -0.002 min  
Response: 7139376  
Conc: 50.15 ug/ml



#8 N-DOCOSANE

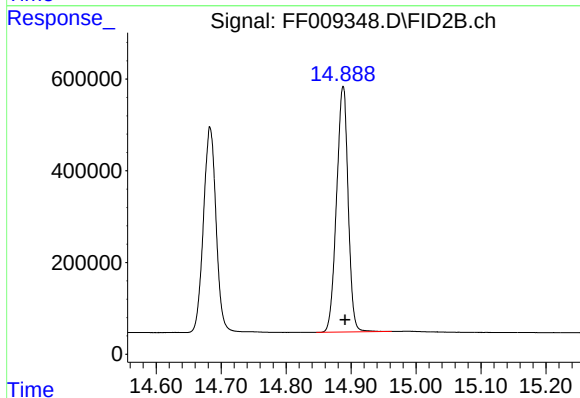
R.T.: 13.787 min  
Delta R.T.: -0.002 min  
Response: 6799989  
Conc: 49.06 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

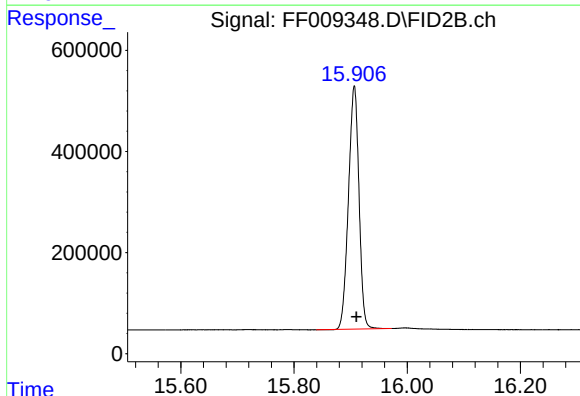
R.T.: 14.683 min  
Delta R.T.: -0.004 min  
Response: 6006924  
Conc: 49.72 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



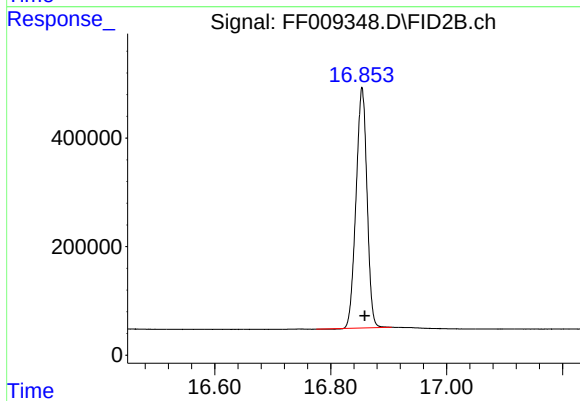
#10 N-TETRACOSANE

R.T.: 14.888 min  
Delta R.T.: -0.003 min  
Response: 6628109  
Conc: 48.44 ug/ml



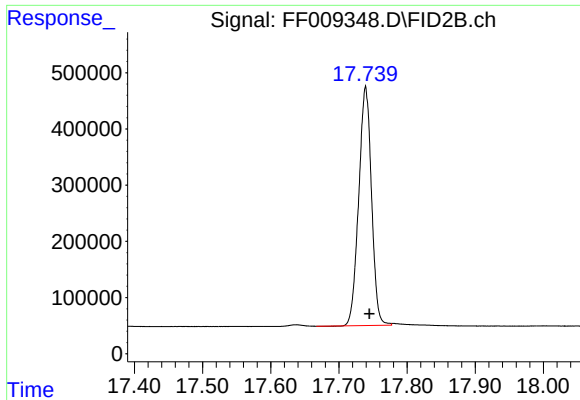
#11 N-HEXACOSANE

R.T.: 15.907 min  
Delta R.T.: -0.004 min  
Response: 6216373  
Conc: 47.00 ug/ml



#12 N-OCTACOSANE

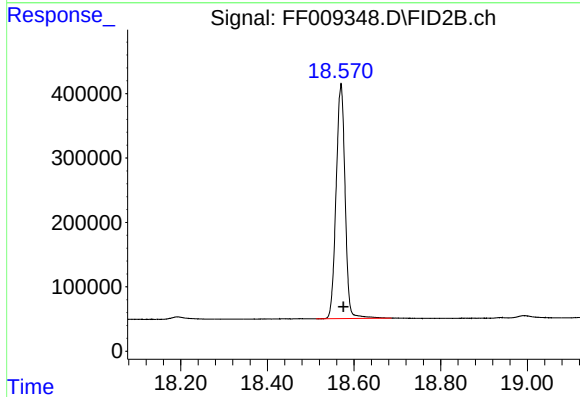
R.T.: 16.854 min  
Delta R.T.: -0.004 min  
Response: 5816634  
Conc: 45.67 ug/ml



#13 N-TRIACONTANE

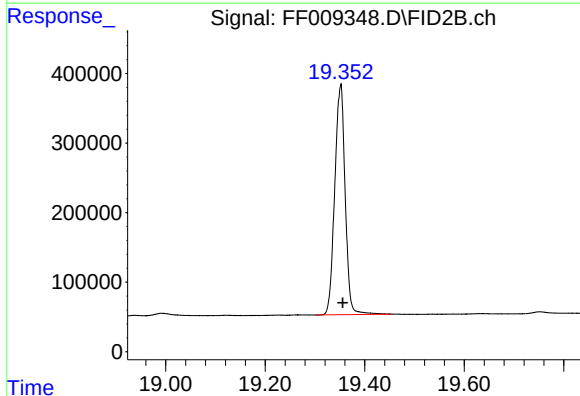
R.T.: 17.739 min  
Delta R.T.: -0.005 min  
Response: 5529606  
Conc: 45.17 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



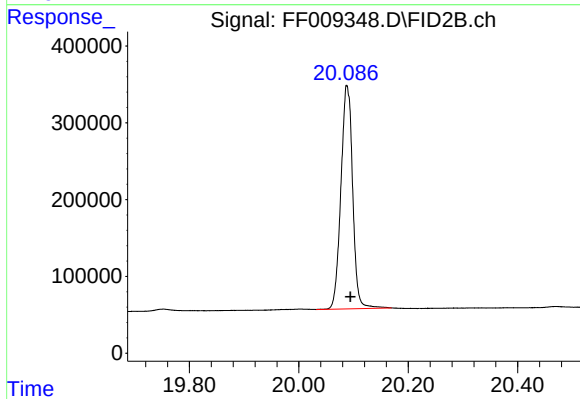
#14 N-DOTRIACONTANE

R.T.: 18.570 min  
Delta R.T.: -0.005 min  
Response: 5242962  
Conc: 45.65 ug/ml



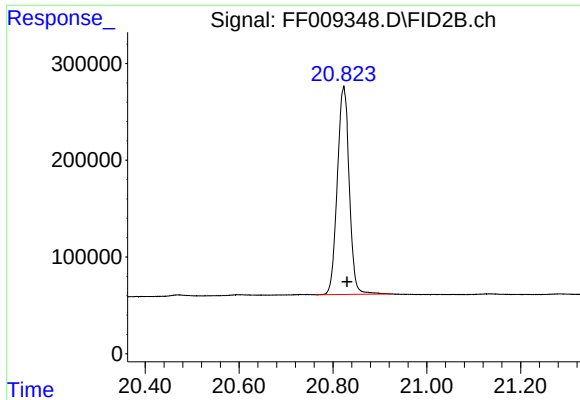
#15 N-TETRATRIACONTANE

R.T.: 19.352 min  
Delta R.T.: -0.004 min  
Response: 4814092  
Conc: 44.84 ug/ml



#16 N-HEXATRIACONTANE

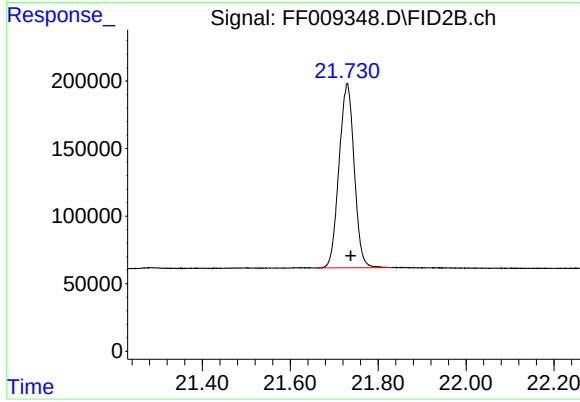
R.T.: 20.088 min  
Delta R.T.: -0.007 min  
Response: 4332944  
Conc: 43.25 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.823 min  
Delta R.T.: -0.007 min  
Response: 3792279  
Conc: 41.05 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.730 min  
Delta R.T.: -0.008 min  
Response: 3270648  
Conc: 34.98 ug/ml