

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF122619\  
 Data File : FF006087.D  
 Signal(s) : FID2B.ch  
 Acq On : 26 Dec 2019 20:15  
 Operator : DD\AJ  
 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 27 01:14:44 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF120719.M  
 Quant Title :  
 QLast Update : Fri Dec 06 13:20:24 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... | 14.639 | 6348159  | 43.695 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.301  | 8090165  | 51.260 ug/ml |
| 2) N-DECANE                   | 4.399  | 8256078  | 50.283 ug/ml |
| 3) N-DODECANE                 | 6.416  | 8293271  | 49.338 ug/ml |
| 4) N-TETRADECANE              | 8.208  | 8158976  | 48.115 ug/ml |
| 5) N-HEXADECANE               | 9.804  | 8097715  | 46.996 ug/ml |
| 6) N-OCTADECANE               | 11.242 | 7869046  | 45.898 ug/ml |
| 7) N-EICOSANE                 | 12.547 | 7749432  | 44.870 ug/ml |
| 8) N-DOCOSANE                 | 13.742 | 7499073  | 44.054 ug/ml |
| 10) N-TETRACOSANE             | 14.843 | 7296973  | 43.721 ug/ml |
| 11) N-HEXACOSANE              | 15.861 | 7089872  | 44.025 ug/ml |
| 12) N-OCTACOSANE              | 16.807 | 6959687  | 45.369 ug/ml |
| 13) N-TRIACONTANE             | 17.691 | 6597311  | 45.474 ug/ml |
| 14) N-DOTRIACONTANE           | 18.520 | 5412656  | 38.977 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.302 | 4124117  | 31.441 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.039 | 3029762  | 24.269 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.764 | 2592588  | 22.091 ug/ml |
| 18) N-TETRACONTANE            | 21.648 | 2453786  | 19.688 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

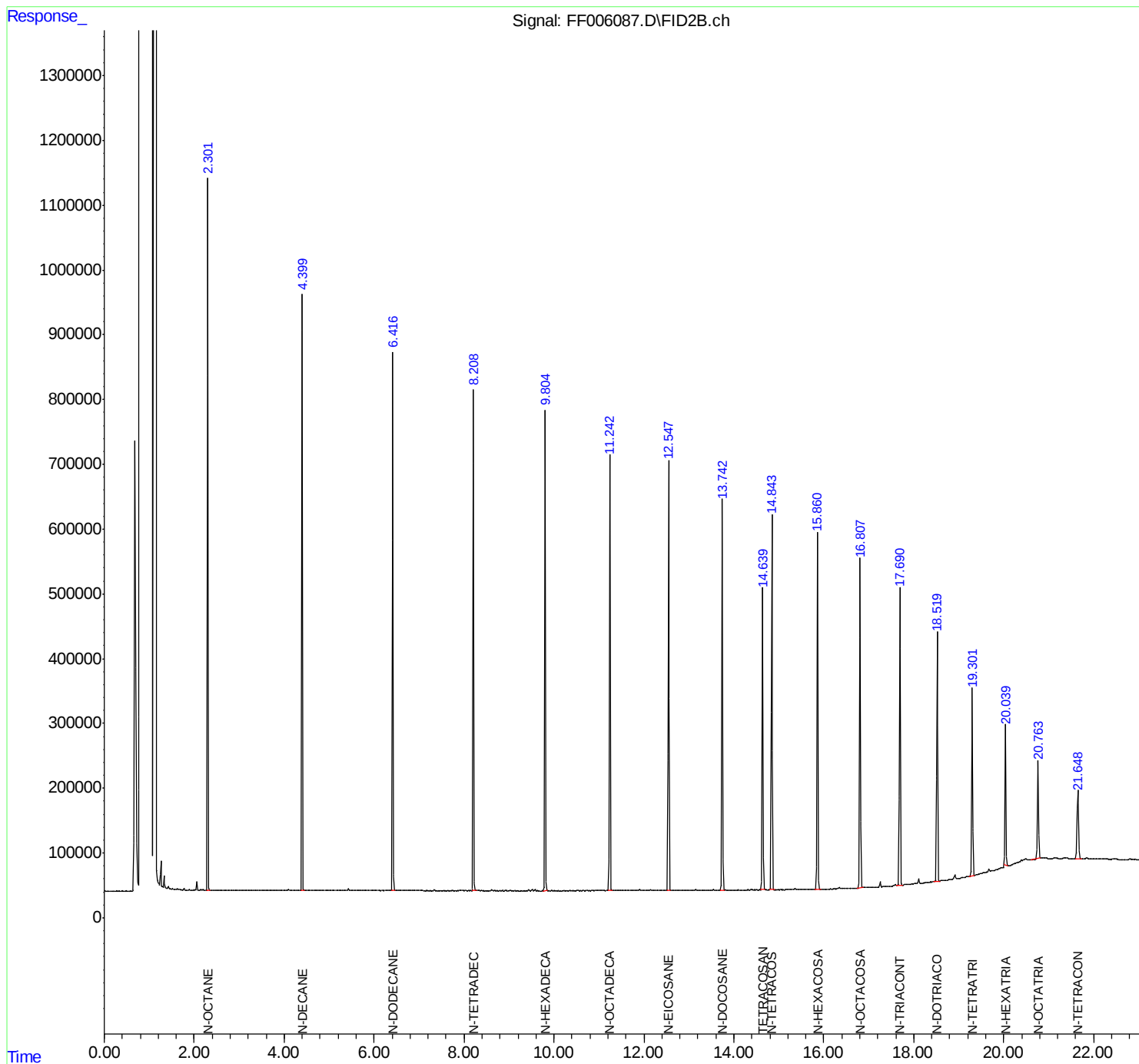
(m)=manual int.

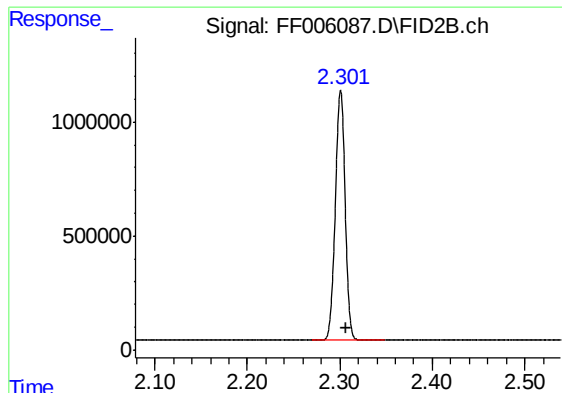
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Quant Title :  
QLast Update : Fri Dec 06 13:20:24 2019  
Response via : Initial Calibration  
Integrator: ChemStation

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

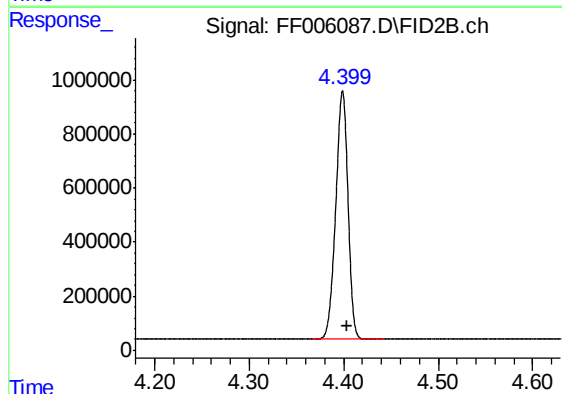




#1 N-OCTANE

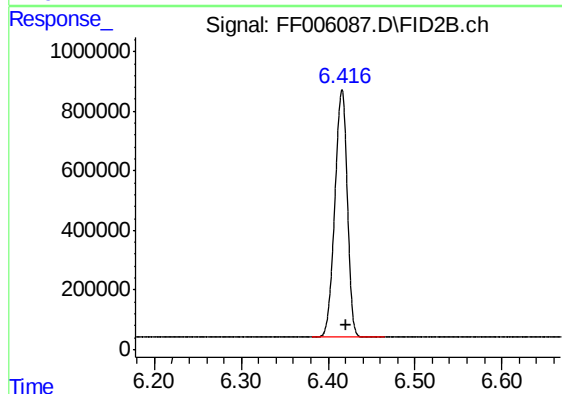
R.T.: 2.301 min  
Delta R.T.: -0.006 min  
Response: 8090165  
Conc: 51.26 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



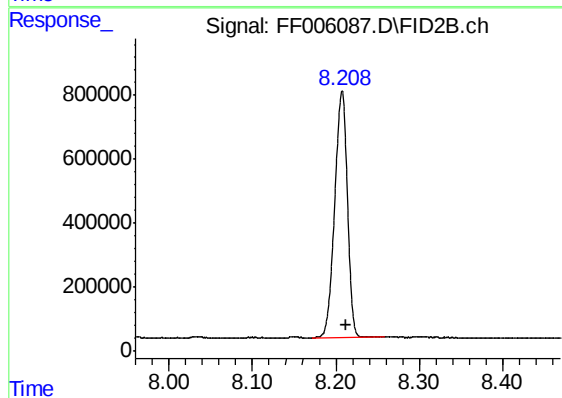
#2 N-DECANE

R.T.: 4.399 min  
Delta R.T.: -0.005 min  
Response: 8256078  
Conc: 50.28 ug/ml



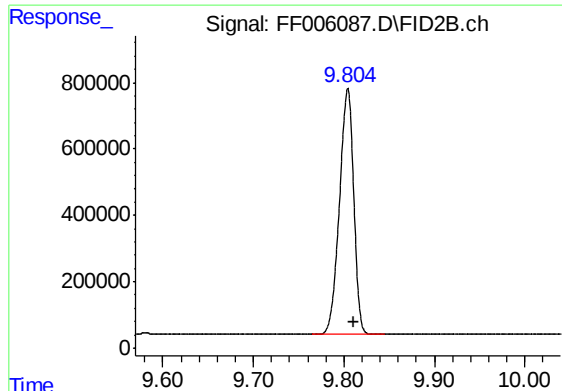
#3 N-DODECANE

R.T.: 6.416 min  
Delta R.T.: -0.005 min  
Response: 8293271  
Conc: 49.34 ug/ml



#4 N-TETRADECANE

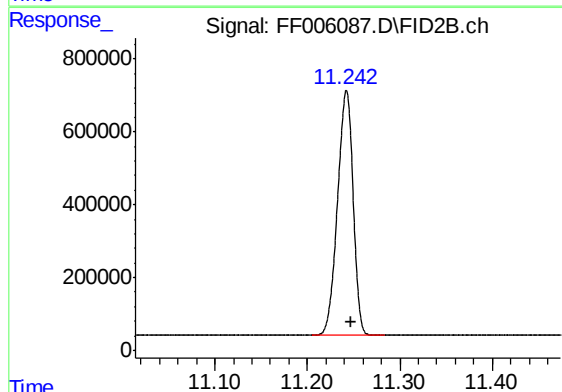
R.T.: 8.208 min  
Delta R.T.: -0.005 min  
Response: 8158976  
Conc: 48.11 ug/ml



#5 N-HEXADECANE

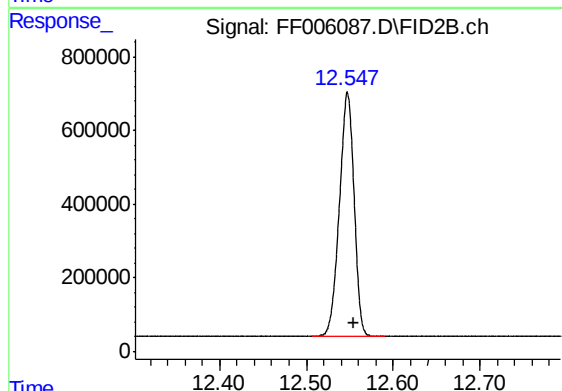
R.T.: 9.804 min  
Delta R.T.: -0.006 min  
Response: 8097715  
Conc: 47.00 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



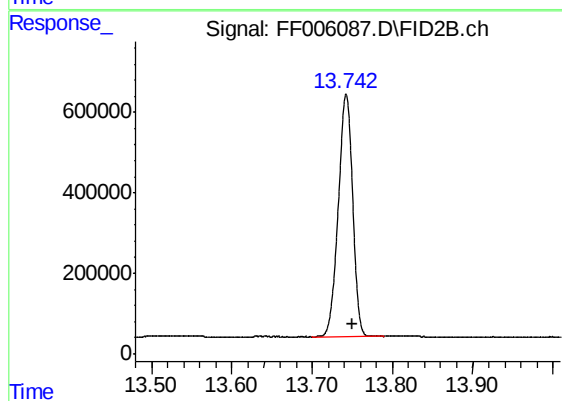
#6 N-OCTADECANE

R.T.: 11.242 min  
Delta R.T.: -0.005 min  
Response: 7869046  
Conc: 45.90 ug/ml



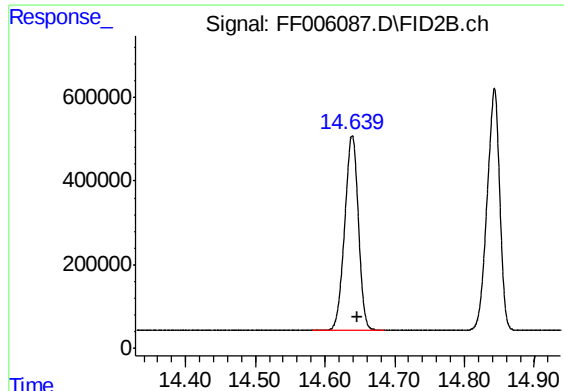
#7 N-EICOSANE

R.T.: 12.547 min  
Delta R.T.: -0.007 min  
Response: 7749432  
Conc: 44.87 ug/ml



#8 N-DOCOSANE

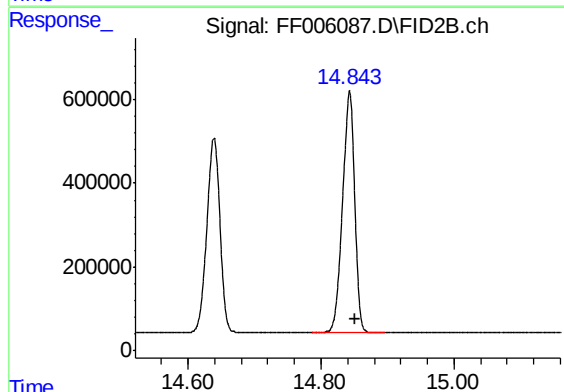
R.T.: 13.742 min  
Delta R.T.: -0.007 min  
Response: 7499073  
Conc: 44.05 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

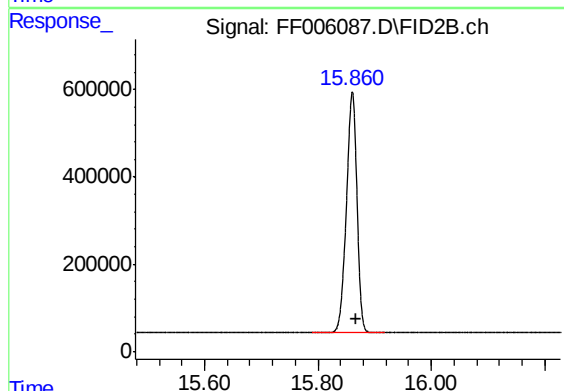
R.T.: 14.639 min  
Delta R.T.: -0.008 min  
Response: 6348159  
Conc: 43.70 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



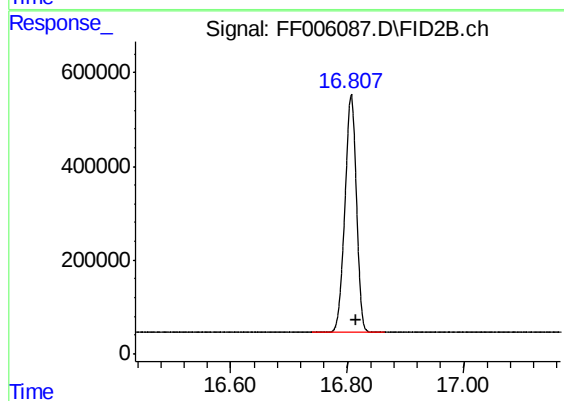
#10 N-TETRACOSANE

R.T.: 14.843 min  
Delta R.T.: -0.007 min  
Response: 7296973  
Conc: 43.72 ug/ml



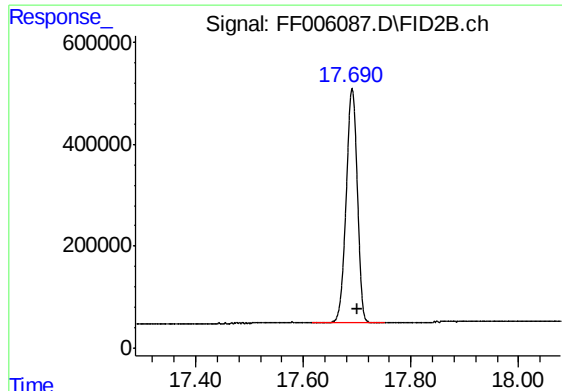
#11 N-HEXACOSANE

R.T.: 15.861 min  
Delta R.T.: -0.008 min  
Response: 7089872  
Conc: 44.02 ug/ml



#12 N-OCTACOSANE

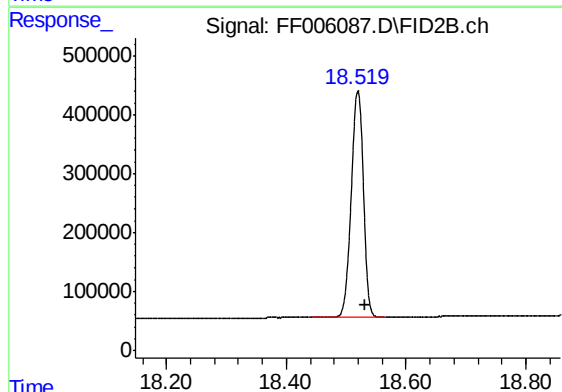
R.T.: 16.807 min  
Delta R.T.: -0.009 min  
Response: 6959687  
Conc: 45.37 ug/ml



#13 N-TRIACONTANE

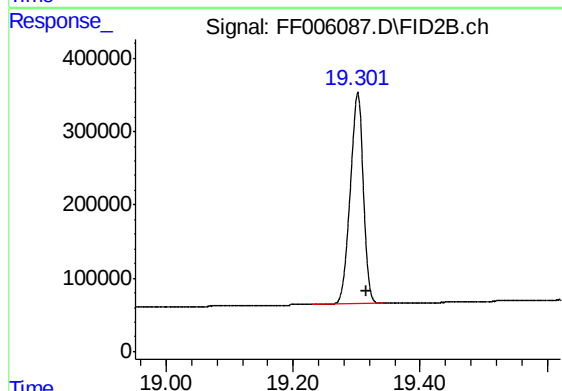
R.T.: 17.691 min  
Delta R.T.: -0.010 min  
Response: 6597311  
Conc: 45.47 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



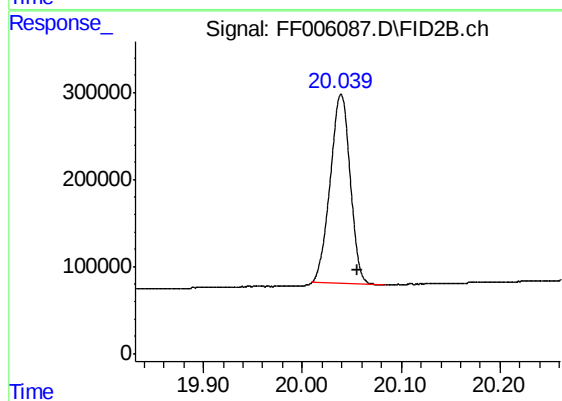
#14 N-DOTRIACONTANE

R.T.: 18.520 min  
Delta R.T.: -0.013 min  
Response: 5412656  
Conc: 38.98 ug/ml



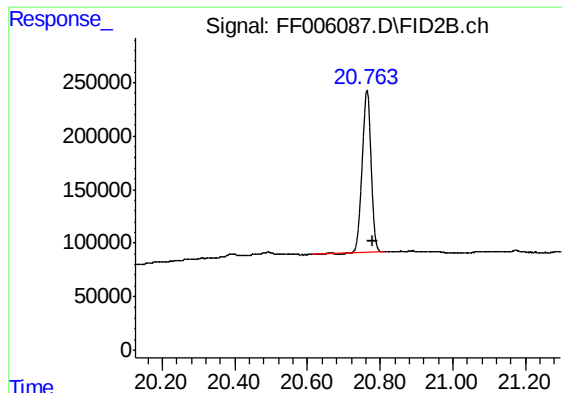
#15 N-TETRATRIACONTANE

R.T.: 19.302 min  
Delta R.T.: -0.013 min  
Response: 4124117  
Conc: 31.44 ug/ml



#16 N-HEXATRIACONTANE

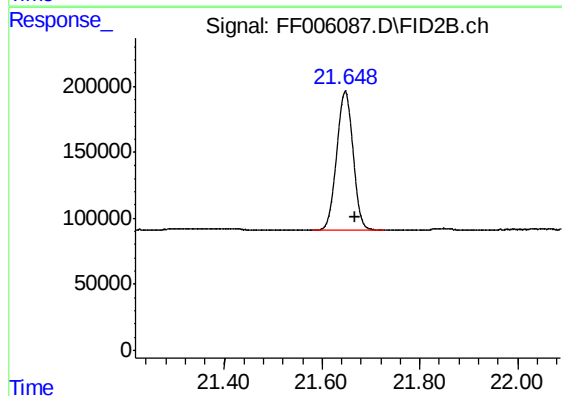
R.T.: 20.039 min  
Delta R.T.: -0.016 min  
Response: 3029762  
Conc: 24.27 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.764 min  
Delta R.T.: -0.017 min  
Response: 2592588  
Conc: 22.09 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.648 min  
Delta R.T.: -0.021 min  
Response: 2453786  
Conc: 19.69 ug/ml