

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF070119\  
 Data File : FF004913.D  
 Signal(s) : FID2B.ch  
 Acq On : 02 Jul 2019 05:57  
 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: Jul 02 08:19:15 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF062619.M  
 Quant Title :  
 QLast Update : Wed Jun 26 14:27:24 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... | 14.690 | 5187265  | 53.335 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.294  | 6238127  | 49.732 ug/ml |
| 2) N-DECANE                   | 4.403  | 6392946  | 50.625 ug/ml |
| 3) N-DODECANE                 | 6.427  | 6446902  | 50.810 ug/ml |
| 4) N-TETRADECANE              | 8.221  | 6374810  | 50.946 ug/ml |
| 5) N-HEXADECANE               | 9.824  | 6321672  | 51.197 ug/ml |
| 6) N-OCTADECANE               | 11.269 | 6142440  | 51.848 ug/ml |
| 7) N-EICOSANE                 | 12.583 | 6072752  | 52.340 ug/ml |
| 8) N-DOCOSANE                 | 13.786 | 5949802  | 52.880 ug/ml |
| 10) N-TETRACOSANE             | 14.895 | 5942330  | 53.383 ug/ml |
| 11) N-HEXACOSANE              | 15.921 | 5963447  | 53.916 ug/ml |
| 12) N-OCTACOSANE              | 16.876 | 6034899  | 54.106 ug/ml |
| 13) N-TRIACONTANE             | 17.769 | 6093017  | 54.237 ug/ml |
| 14) N-DOTRIACONTANE           | 18.606 | 6004434  | 52.720 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.396 | 5950910  | 54.826 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.144 | 5688211  | 54.932 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.897 | 5305385  | 55.625 ug/ml |
| 18) N-TETRACONTANE            | 21.822 | 5365613  | 46.156 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

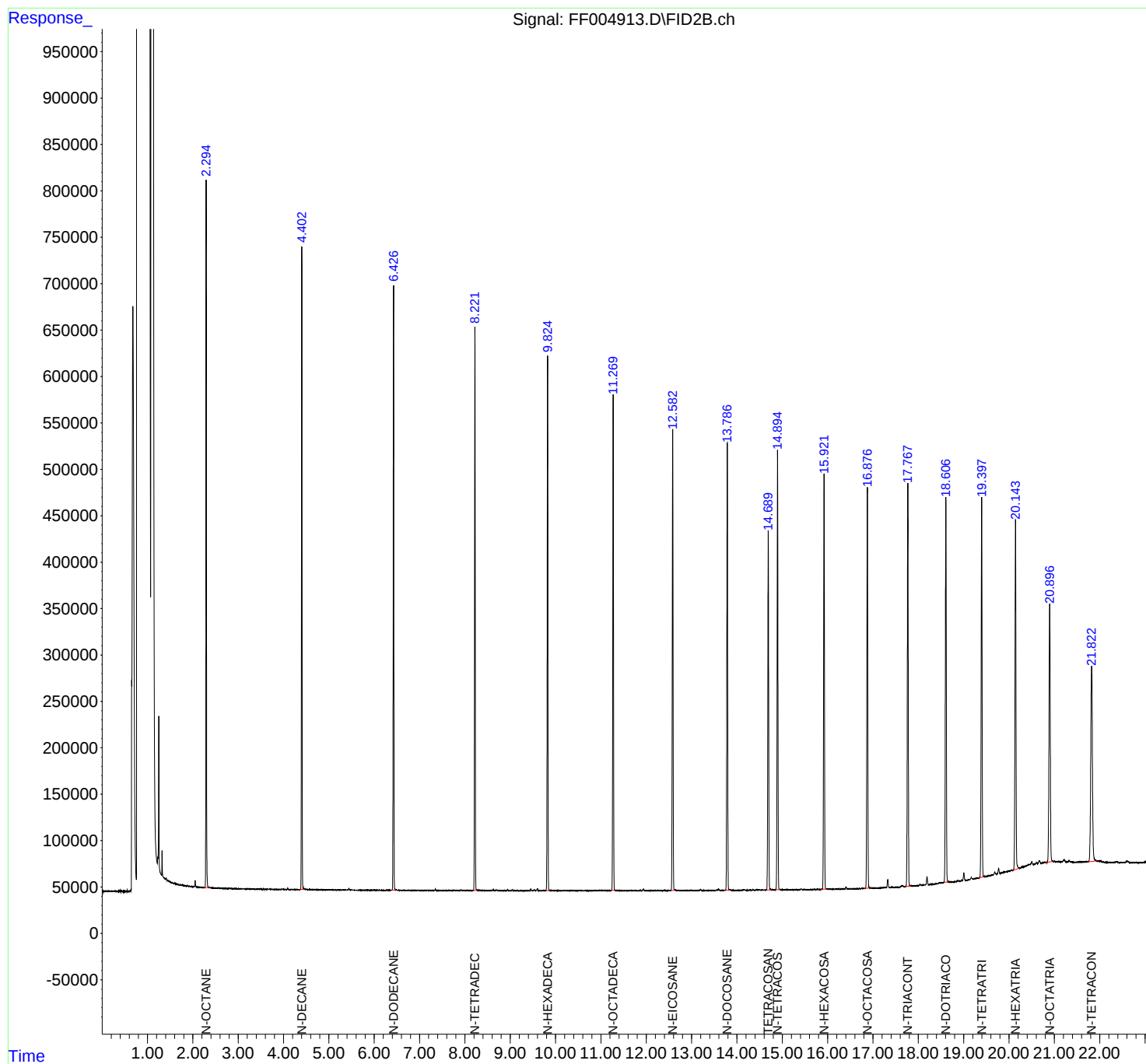
(m)=manual int.

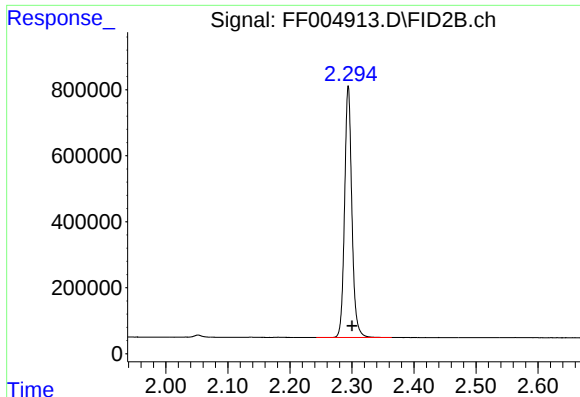
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um

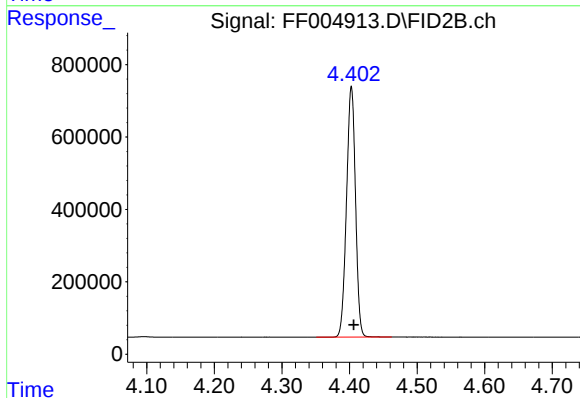




#1 N-OCTANE

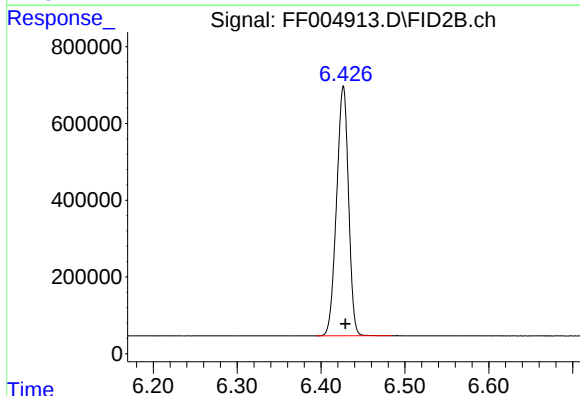
R.T.: 2.294 min  
Delta R.T.: -0.006 min  
Response: 6238127  
Conc: 49.73 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



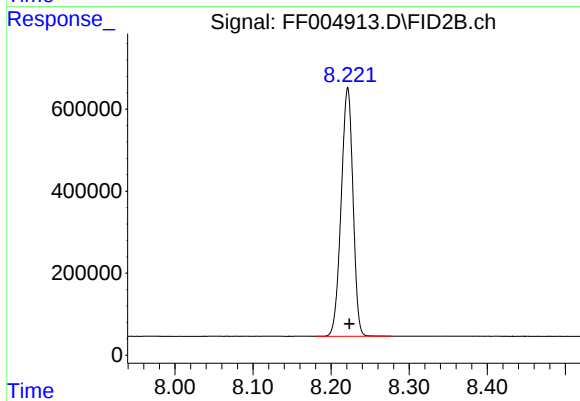
#2 N-DECANE

R.T.: 4.403 min  
Delta R.T.: -0.003 min  
Response: 6392946  
Conc: 50.62 ug/ml



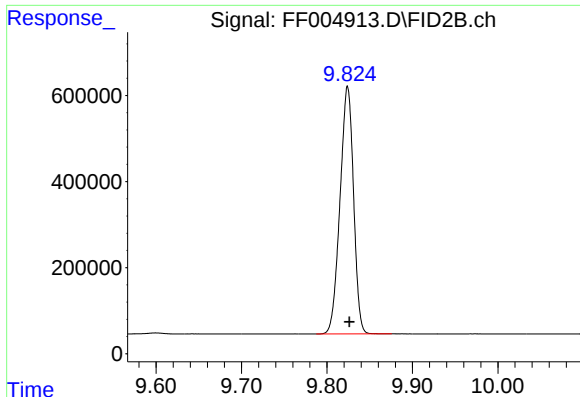
#3 N-DODECANE

R.T.: 6.427 min  
Delta R.T.: -0.002 min  
Response: 6446902  
Conc: 50.81 ug/ml



#4 N-TETRADECANE

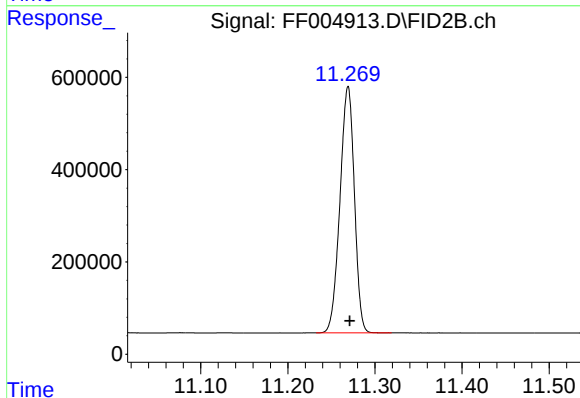
R.T.: 8.221 min  
Delta R.T.: -0.002 min  
Response: 6374810  
Conc: 50.95 ug/ml



#5 N-HEXADECANE

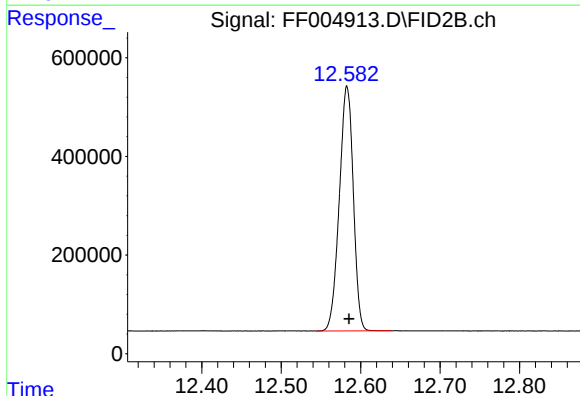
R.T.: 9.824 min  
Delta R.T.: -0.002 min  
Response: 6321672  
Conc: 51.20 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



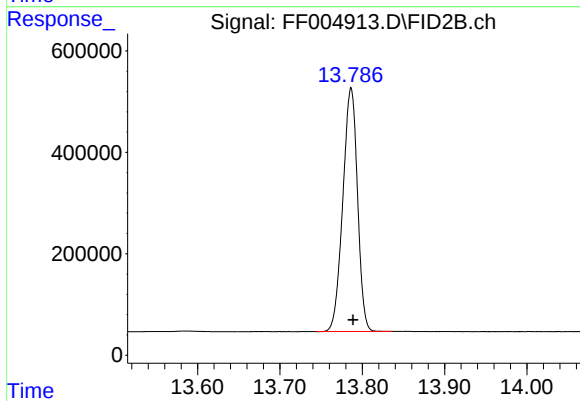
#6 N-OCTADECANE

R.T.: 11.269 min  
Delta R.T.: -0.002 min  
Response: 6142440  
Conc: 51.85 ug/ml



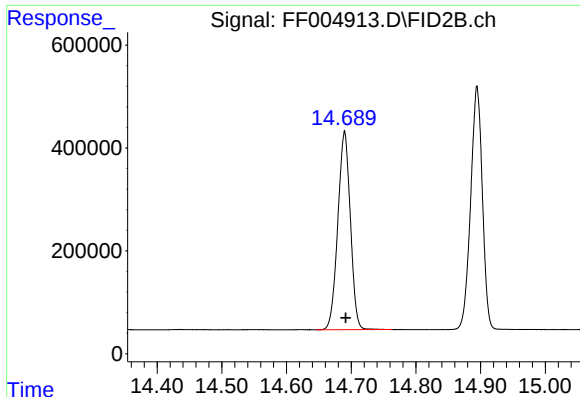
#7 N-EICOSANE

R.T.: 12.583 min  
Delta R.T.: -0.003 min  
Response: 6072752  
Conc: 52.34 ug/ml



#8 N-DOCOSANE

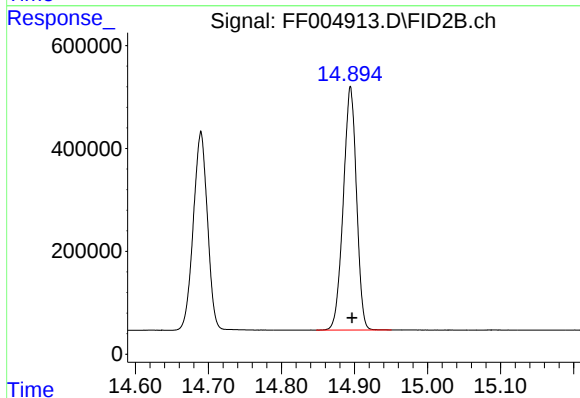
R.T.: 13.786 min  
Delta R.T.: -0.002 min  
Response: 5949802  
Conc: 52.88 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

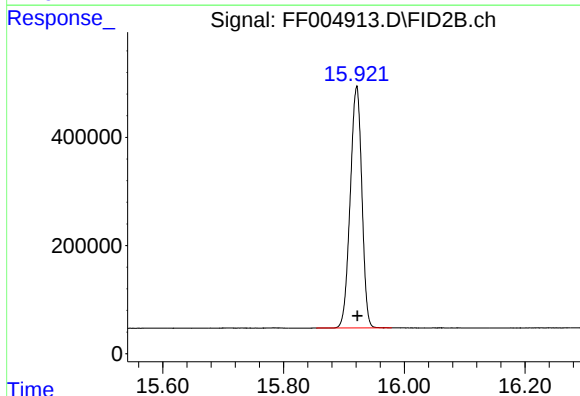
R.T.: 14.690 min  
Delta R.T.: -0.002 min  
Response: 5187265  
Conc: 53.33 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



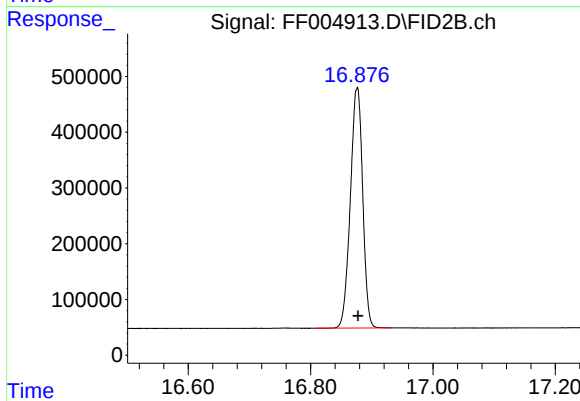
#10 N-TETRACOSANE

R.T.: 14.895 min  
Delta R.T.: -0.002 min  
Response: 5942330  
Conc: 53.38 ug/ml



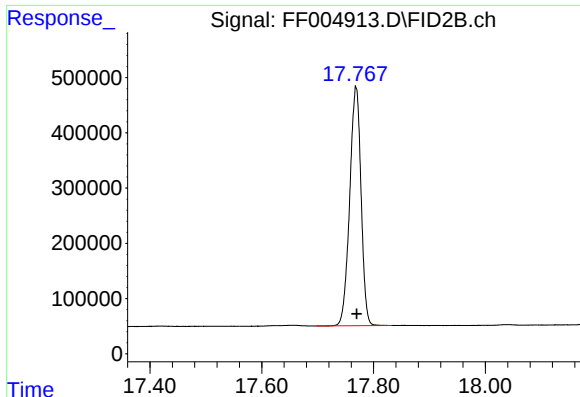
#11 N-HEXACOSANE

R.T.: 15.921 min  
Delta R.T.: 0.000 min  
Response: 5963447  
Conc: 53.92 ug/ml



#12 N-OCTACOSANE

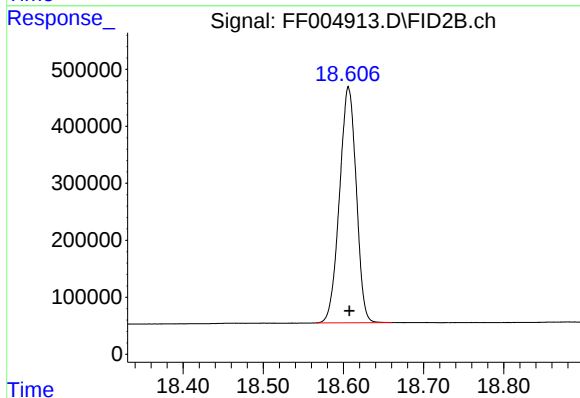
R.T.: 16.876 min  
Delta R.T.: -0.002 min  
Response: 6034899  
Conc: 54.11 ug/ml



#13 N-TRIACONTANE

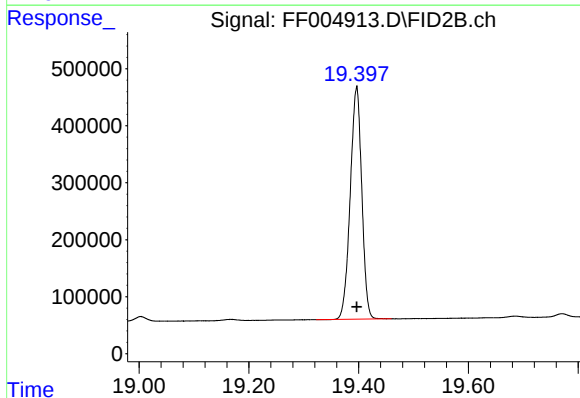
R.T.: 17.769 min  
Delta R.T.: -0.001 min  
Response: 6093017  
Conc: 54.24 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



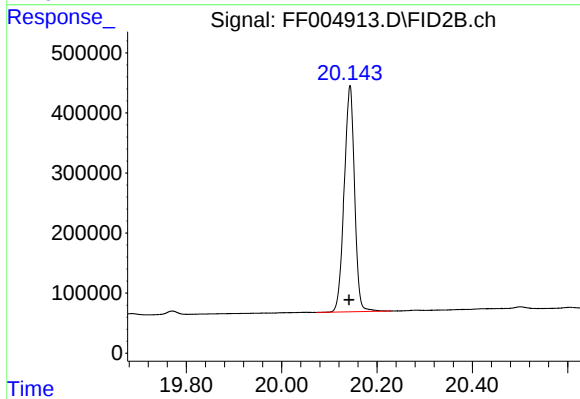
#14 N-DOTRIACONTANE

R.T.: 18.606 min  
Delta R.T.: -0.001 min  
Response: 6004434  
Conc: 52.72 ug/ml



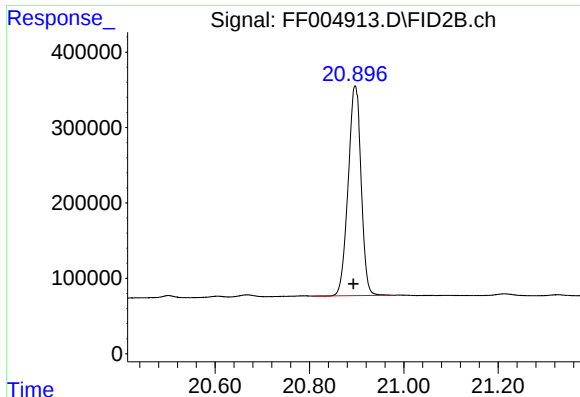
#15 N-TETRATRIACONTANE

R.T.: 19.396 min  
Delta R.T.: 0.000 min  
Response: 5950910  
Conc: 54.83 ug/ml



#16 N-HEXATRIACONTANE

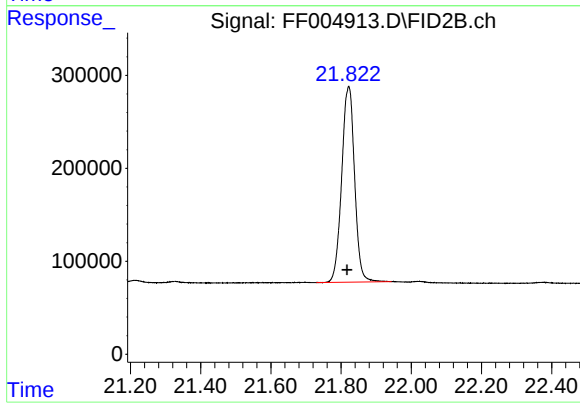
R.T.: 20.144 min  
Delta R.T.: 0.002 min  
Response: 5688211  
Conc: 54.93 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.897 min  
Delta R.T.: 0.004 min  
Response: 5305385  
Conc: 55.63 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.822 min  
Delta R.T.: 0.005 min  
Response: 5365613  
Conc: 46.16 ug/ml