

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF061521\  
 Data File : FF008642.D  
 Signal(s) : FID2B.ch  
 Acq On : 15 Jun 2021 23:15  
 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: Jun 16 02:03:55 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF060621.M  
 Quant Title :  
 QLast Update : Mon Jun 07 02:02:07 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... | 14.752 | 5307633  | 50.373 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.392  | 6511341  | 54.808 ug/ml |
| 2) N-DECANE                   | 4.503  | 6738759  | 55.542 ug/ml |
| 3) N-DODECANE                 | 6.522  | 6744117  | 54.056 ug/ml |
| 4) N-TETRADECANE              | 8.313  | 6695397  | 52.611 ug/ml |
| 5) N-HEXADECANE               | 9.912  | 6553789  | 51.847 ug/ml |
| 6) N-OCTADECANE               | 11.351 | 6506450  | 51.331 ug/ml |
| 7) N-EICOSANE                 | 12.659 | 6509269  | 50.977 ug/ml |
| 8) N-DOCOSANE                 | 13.855 | 6368043  | 50.656 ug/ml |
| 10) N-TETRACOSANE             | 14.955 | 6196732  | 50.570 ug/ml |
| 11) N-HEXACOSANE              | 15.975 | 6018385  | 50.185 ug/ml |
| 12) N-OCTACOSANE              | 16.923 | 5940037  | 50.074 ug/ml |
| 13) N-TRIACONTANE             | 17.809 | 5920010  | 49.983 ug/ml |
| 14) N-DOTRIACONTANE           | 18.638 | 5945298  | 49.402 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.419 | 5710663  | 52.009 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.157 | 5625615  | 50.738 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.902 | 5508646  | 54.286 ug/ml |
| 18) N-TETRACONTANE            | 21.836 | 5467998  | 51.761 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

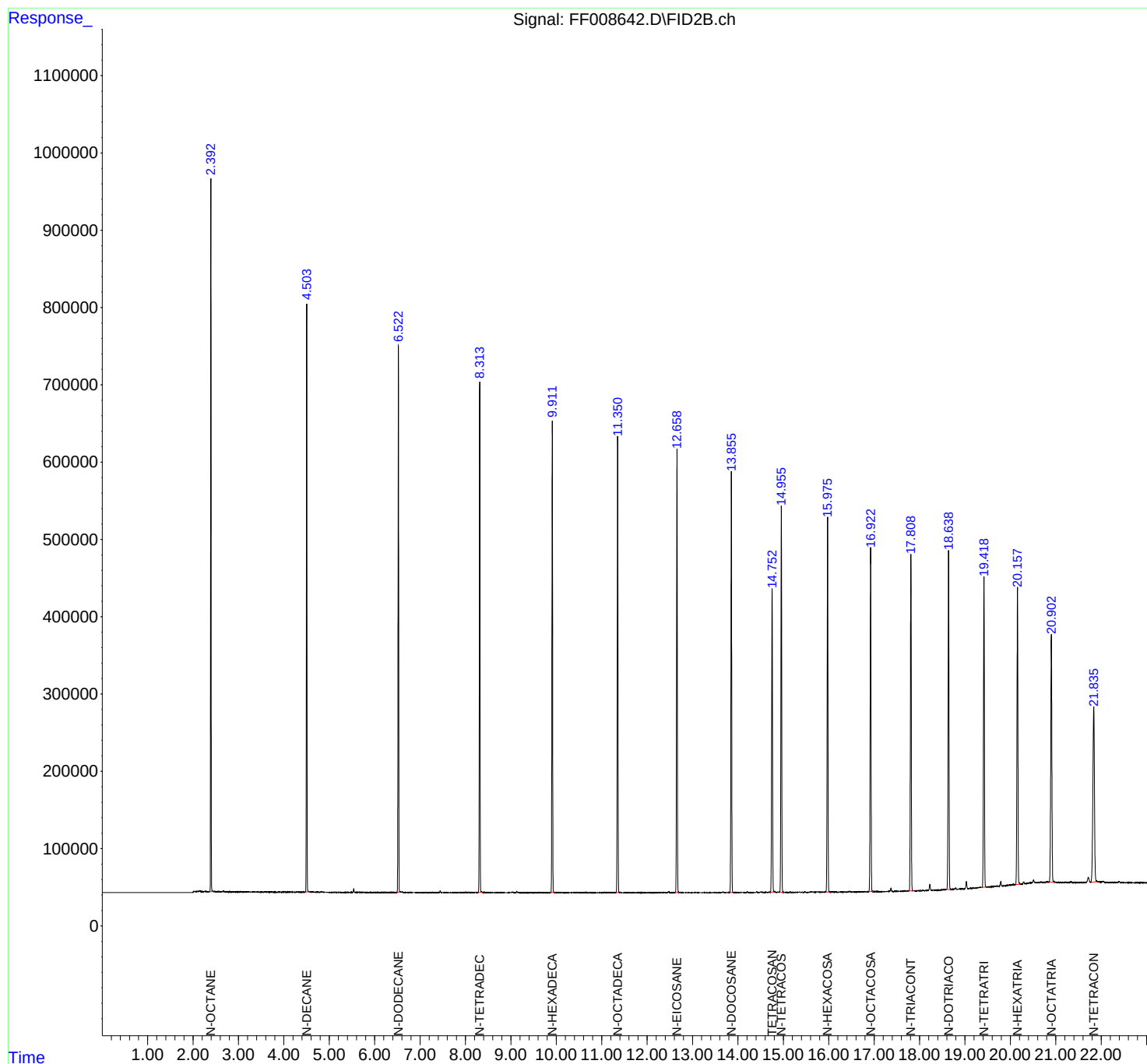
(m)=manual int.

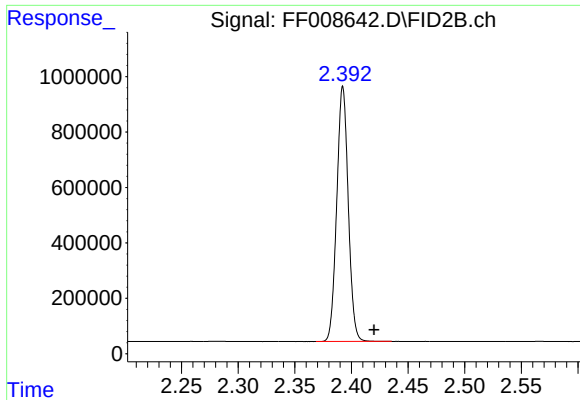
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Integrator: ChemStation

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

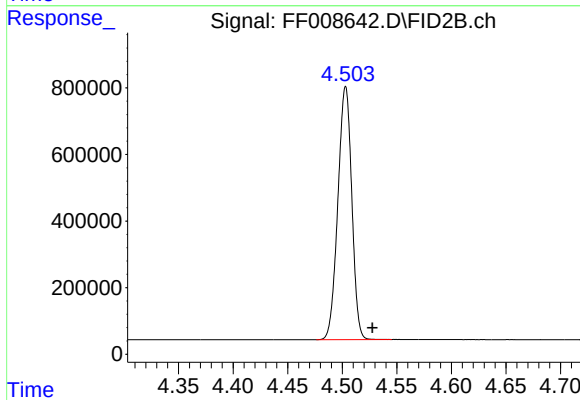




#1 N-OCTANE

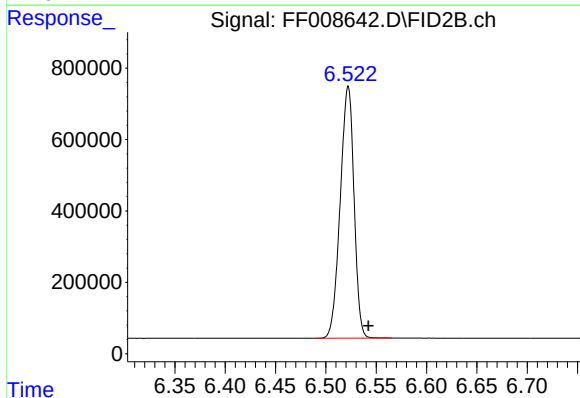
R.T.: 2.392 min  
Delta R.T.: -0.028 min  
Response: 6511341  
Conc: 54.81 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



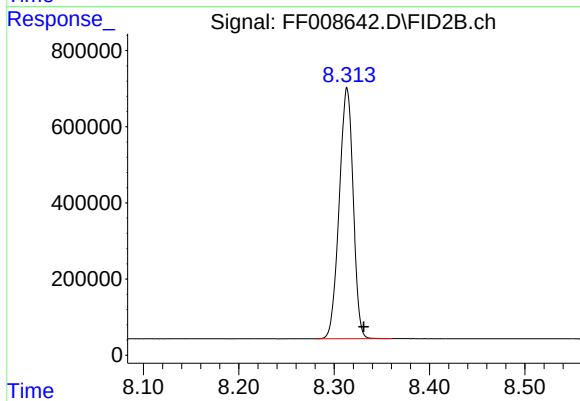
#2 N-DECANE

R.T.: 4.503 min  
Delta R.T.: -0.024 min  
Response: 6738759  
Conc: 55.54 ug/ml



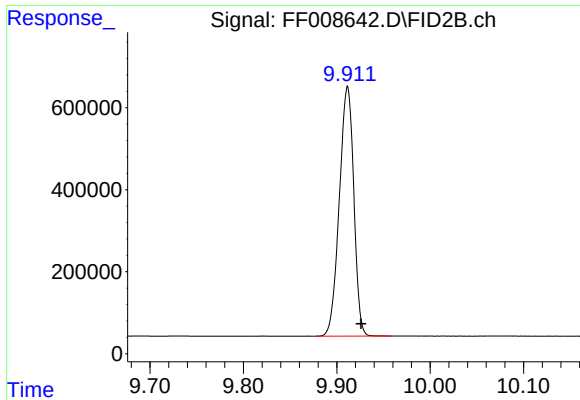
#3 N-DODECANE

R.T.: 6.522 min  
Delta R.T.: -0.020 min  
Response: 6744117  
Conc: 54.06 ug/ml



#4 N-TETRADECANE

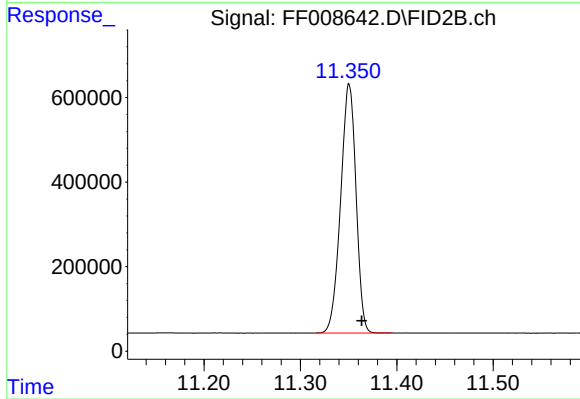
R.T.: 8.313 min  
Delta R.T.: -0.018 min  
Response: 6695397  
Conc: 52.61 ug/ml



#5 N-HEXADECANE

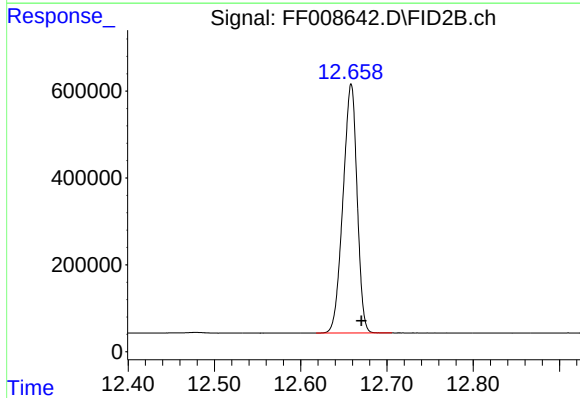
R.T.: 9.912 min  
Delta R.T.: -0.014 min  
Response: 6553789  
Conc: 51.85 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



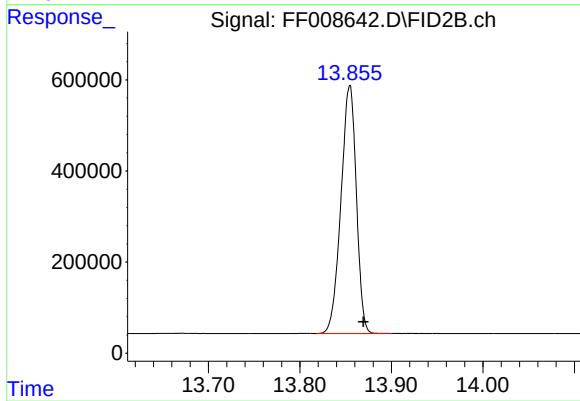
#6 N-OCTADECANE

R.T.: 11.351 min  
Delta R.T.: -0.013 min  
Response: 6506450  
Conc: 51.33 ug/ml



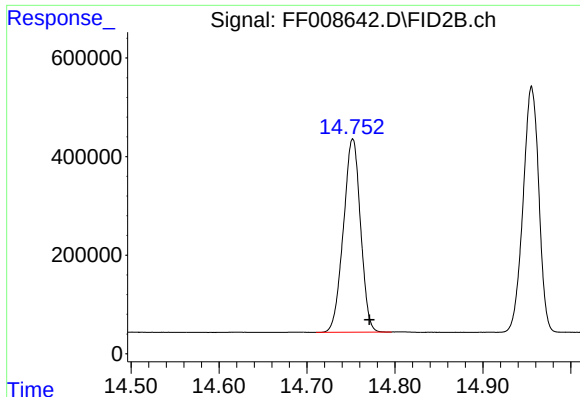
#7 N-EICOSANE

R.T.: 12.659 min  
Delta R.T.: -0.012 min  
Response: 6509269  
Conc: 50.98 ug/ml



#8 N-DOCOSANE

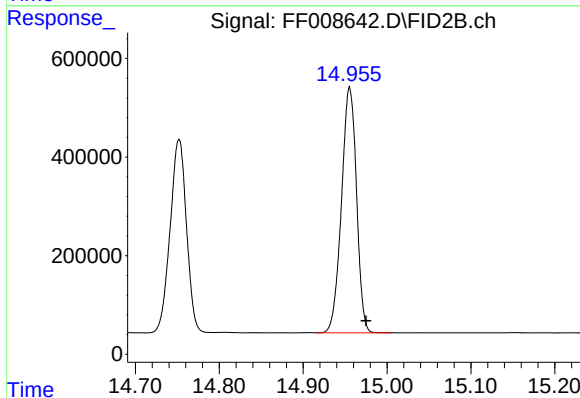
R.T.: 13.855 min  
Delta R.T.: -0.015 min  
Response: 6368043  
Conc: 50.66 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

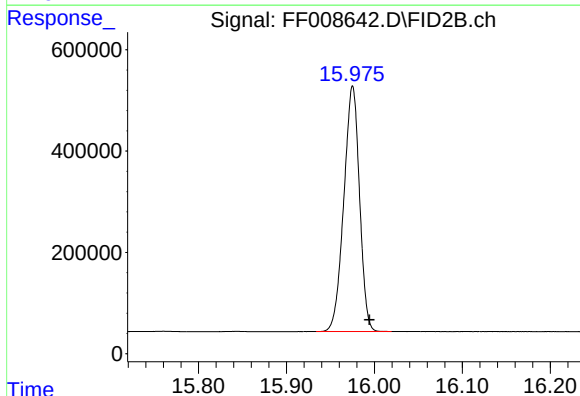
R.T.: 14.752 min  
Delta R.T.: -0.019 min  
Response: 5307633  
Conc: 50.37 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



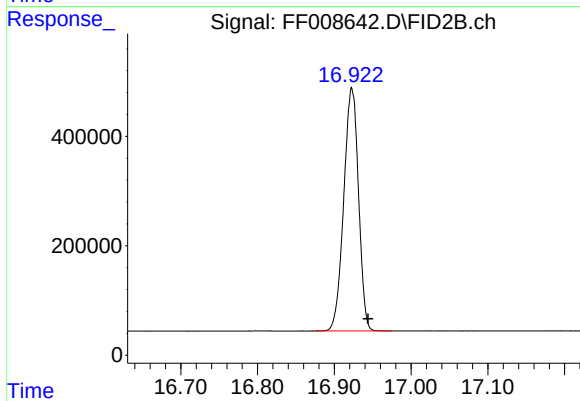
#10 N-TETRACOSANE

R.T.: 14.955 min  
Delta R.T.: -0.020 min  
Response: 6196732  
Conc: 50.57 ug/ml



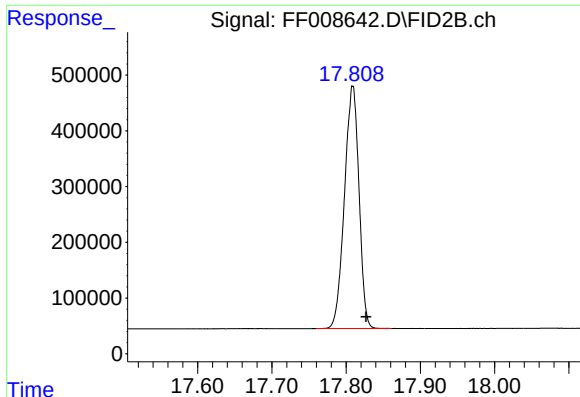
#11 N-HEXACOSANE

R.T.: 15.975 min  
Delta R.T.: -0.019 min  
Response: 6018385  
Conc: 50.19 ug/ml



#12 N-OCTACOSANE

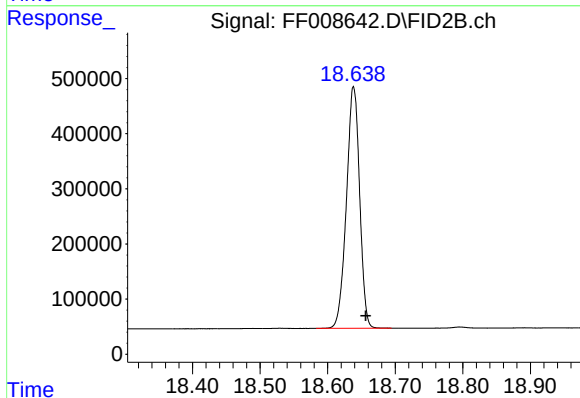
R.T.: 16.923 min  
Delta R.T.: -0.021 min  
Response: 5940037  
Conc: 50.07 ug/ml



#13 N-TRIACONTANE

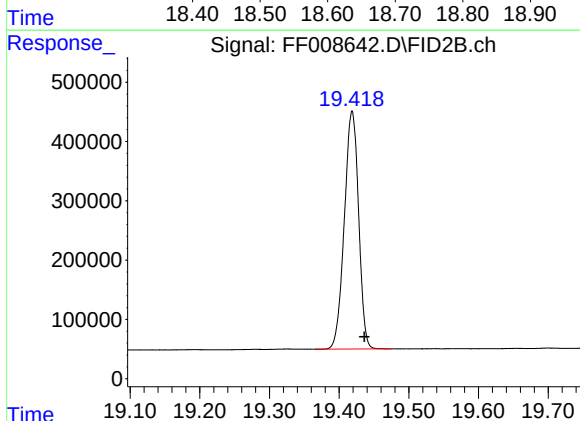
R.T.: 17.809 min  
Delta R.T.: -0.018 min  
Response: 5920010  
Conc: 49.98 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



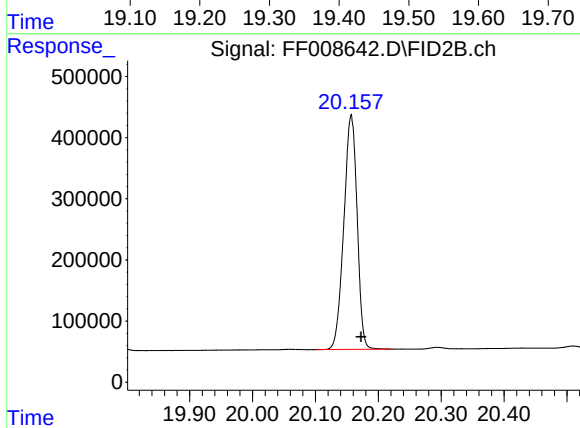
#14 N-DOTRIACONTANE

R.T.: 18.638 min  
Delta R.T.: -0.018 min  
Response: 5945298  
Conc: 49.40 ug/ml



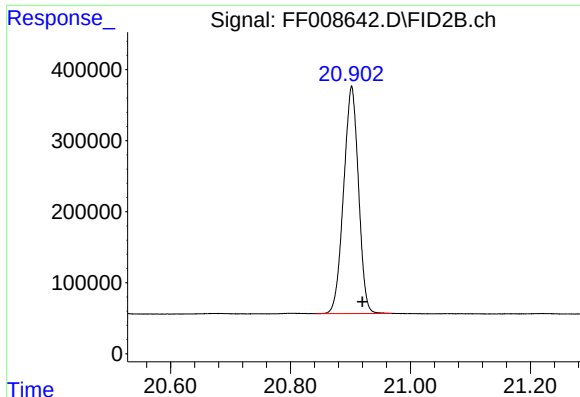
#15 N-TETRATRIACONTANE

R.T.: 19.419 min  
Delta R.T.: -0.017 min  
Response: 5710663  
Conc: 52.01 ug/ml



#16 N-HEXATRIACONTANE

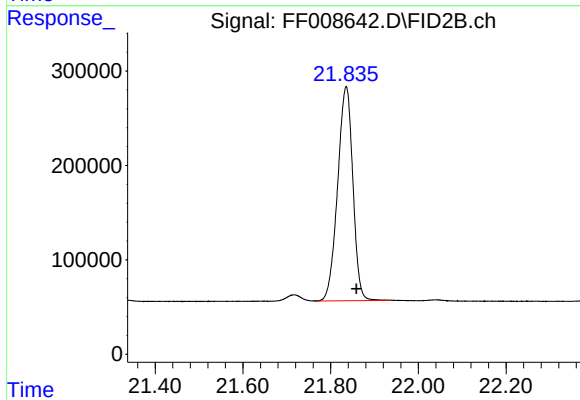
R.T.: 20.157 min  
Delta R.T.: -0.015 min  
Response: 5625615  
Conc: 50.74 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.902 min  
Delta R.T.: -0.018 min  
Response: 5508646  
Conc: 54.29 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.836 min  
Delta R.T.: -0.023 min  
Response: 5467998  
Conc: 51.76 ug/ml