

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060121\  
 Data File : FE033849.D  
 Signal(s) : FID1B.CH  
 Acq On : 01 Jun 2021 12:46  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 50 PPM TRPH STD

Integration File: autoint1.e  
 Quant Time: Jun 02 01:03:43 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE050521.M  
 Quant Title :  
 QLast Update : Thu May 06 02:18:38 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 14.723 | 22333862 | 55.258 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.410  | 23979722 | 57.812 ug/ml |
| 2) N-DECANE                   | 4.464  | 25113928 | 58.539 ug/ml |
| 3) N-DODECANE                 | 6.477  | 25507381 | 58.291 ug/ml |
| 4) N-TETRADECANE              | 8.273  | 25916869 | 57.534 ug/ml |
| 5) N-HEXADECANE               | 9.874  | 25652103 | 56.922 ug/ml |
| 6) N-OCTADECANE               | 11.317 | 26089983 | 56.639 ug/ml |
| 7) N-EICOSANE                 | 12.627 | 25811509 | 56.228 ug/ml |
| 8) N-DOCOSANE                 | 13.825 | 25683134 | 55.700 ug/ml |
| 10) N-TETRACOSANE             | 14.930 | 25402493 | 55.016 ug/ml |
| 11) N-HEXACOSANE              | 15.951 | 24759131 | 53.960 ug/ml |
| 12) N-OCTACOSANE              | 16.901 | 24204144 | 52.773 ug/ml |
| 13) N-TRIACONTANE             | 17.789 | 23510818 | 51.574 ug/ml |
| 14) N-DOTRIACONTANE           | 18.623 | 22332292 | 50.171 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.406 | 21181479 | 49.275 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.145 | 19488153 | 48.608 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.889 | 17931403 | 48.656 ug/ml |
| 18) N-TETRACONTANE            | 21.816 | 17464567 | 48.298 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

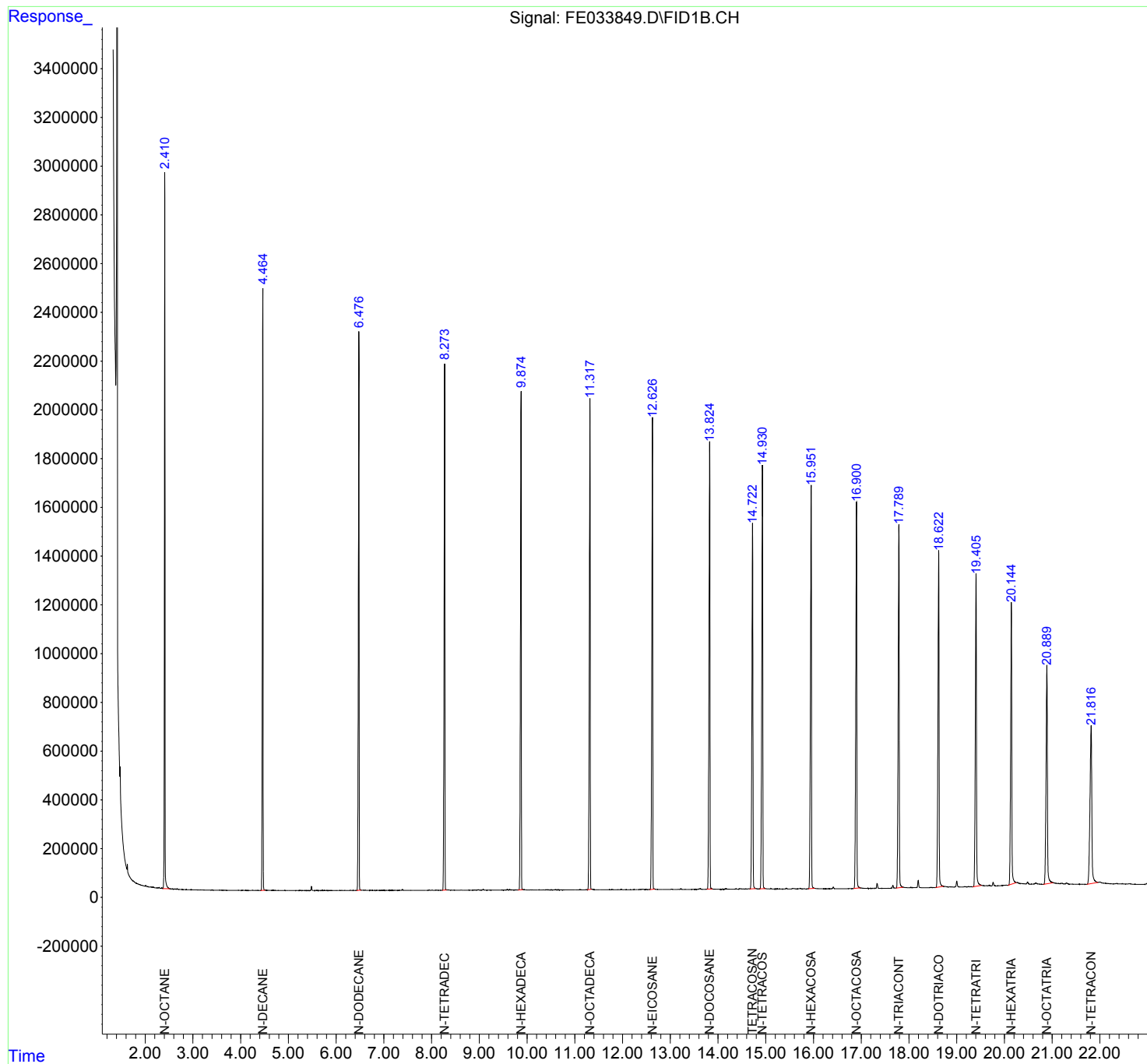
(m)=manual int.

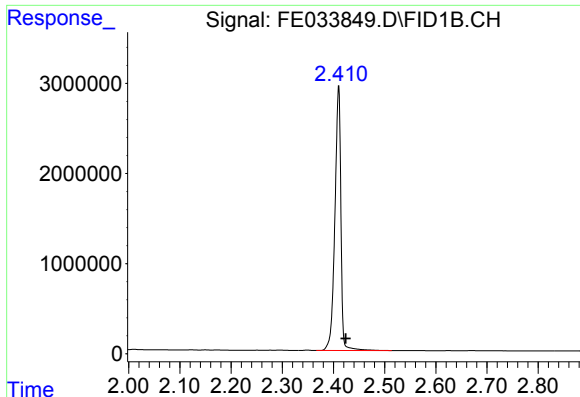
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060121\  
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um

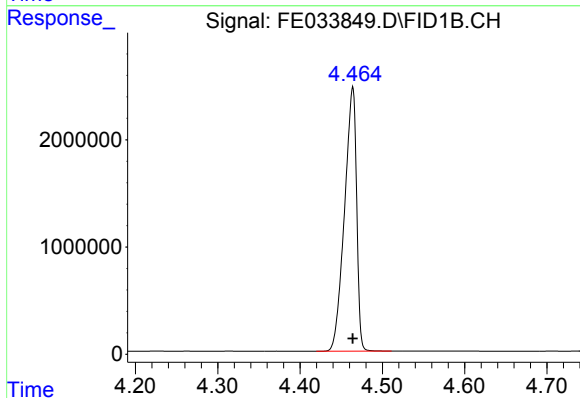




#1 N-OCTANE

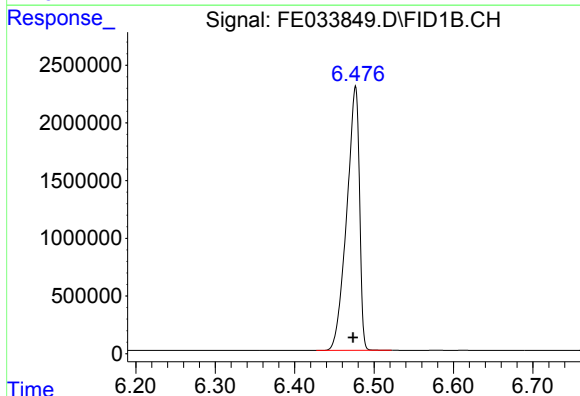
R.T.: 2.410 min  
Delta R.T.: -0.014 min  
Response: 23979722  
Conc: 57.81 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD



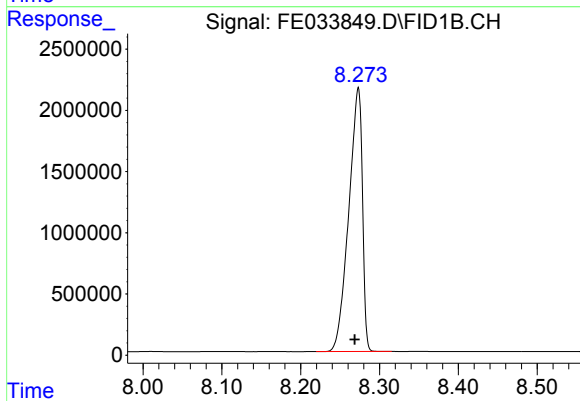
#2 N-DECANE

R.T.: 4.464 min  
Delta R.T.: 0.000 min  
Response: 25113928  
Conc: 58.54 ug/ml



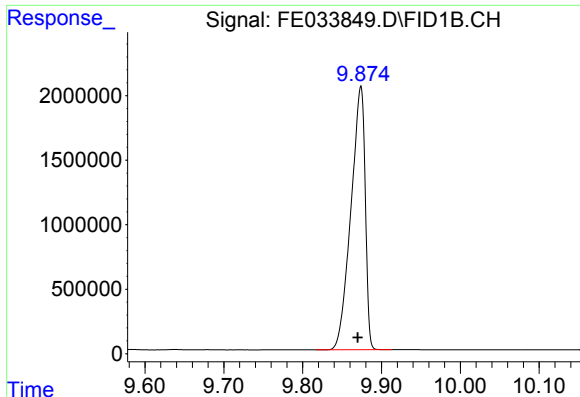
#3 N-DODECANE

R.T.: 6.477 min  
Delta R.T.: 0.003 min  
Response: 25507381  
Conc: 58.29 ug/ml



#4 N-TETRADECANE

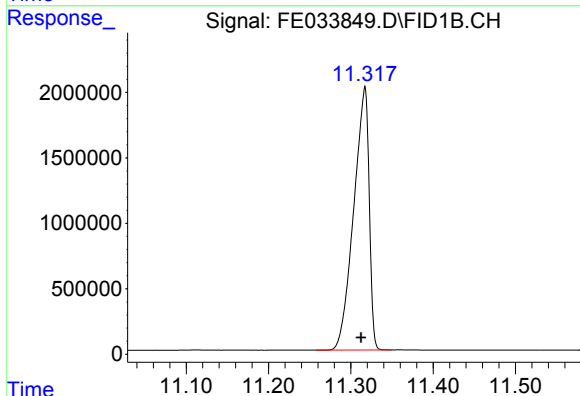
R.T.: 8.273 min  
Delta R.T.: 0.005 min  
Response: 25916869  
Conc: 57.53 ug/ml



#5 N-HEXADECANE

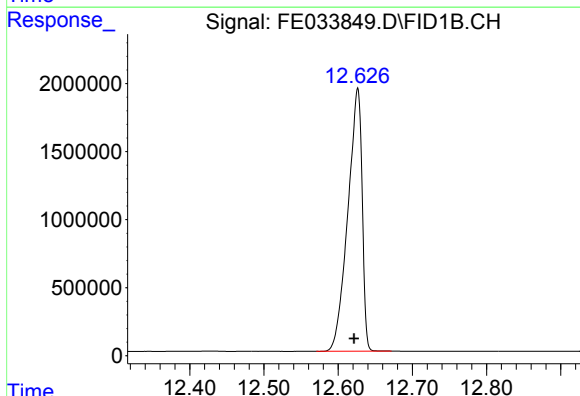
R.T.: 9.874 min  
Delta R.T.: 0.004 min  
Response: 25652103  
Conc: 56.92 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD



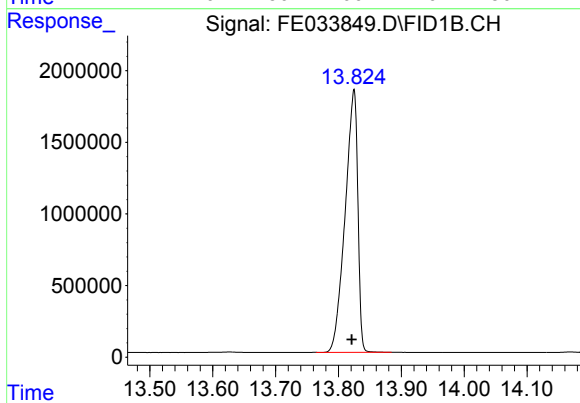
#6 N-OCTADECANE

R.T.: 11.317 min  
Delta R.T.: 0.005 min  
Response: 26089983  
Conc: 56.64 ug/ml



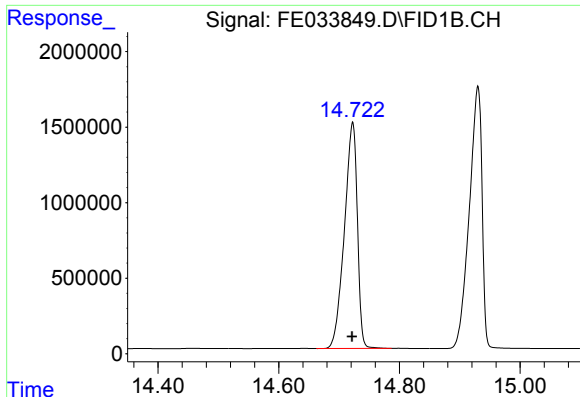
#7 N-EICOSANE

R.T.: 12.627 min  
Delta R.T.: 0.005 min  
Response: 25811509  
Conc: 56.23 ug/ml



#8 N-DOCOSANE

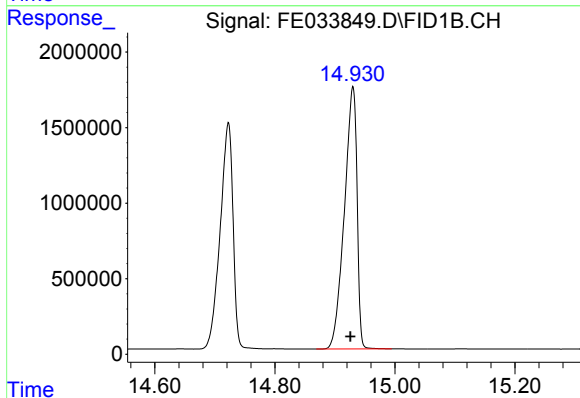
R.T.: 13.825 min  
Delta R.T.: 0.004 min  
Response: 25683134  
Conc: 55.70 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

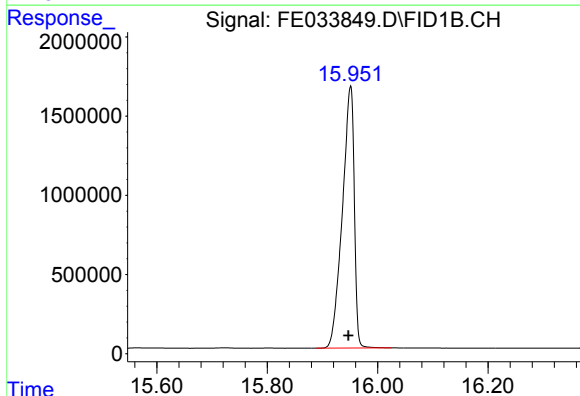
R.T.: 14.723 min  
Delta R.T.: 0.001 min  
Response: 22333862  
Conc: 55.26 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD



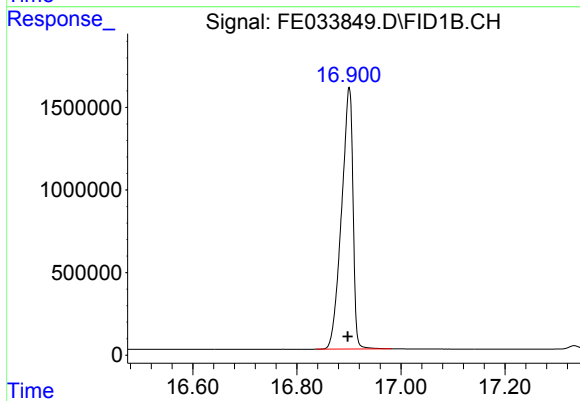
#10 N-TETRACOSANE

R.T.: 14.930 min  
Delta R.T.: 0.004 min  
Response: 25402493  
Conc: 55.02 ug/ml



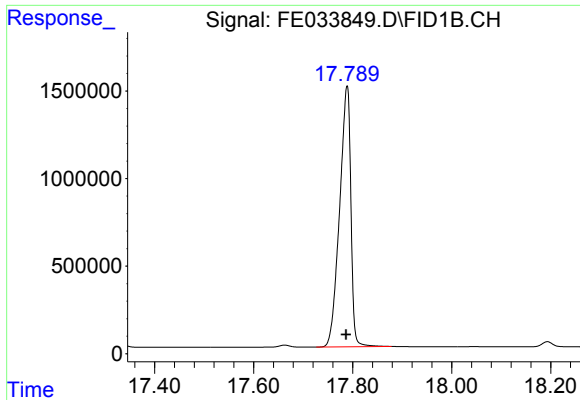
#11 N-HEXACOSANE

R.T.: 15.951 min  
Delta R.T.: 0.004 min  
Response: 24759131  
Conc: 53.96 ug/ml



#12 N-OCTACOSANE

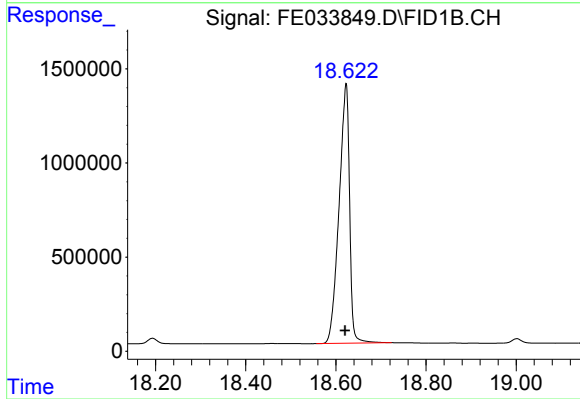
R.T.: 16.901 min  
Delta R.T.: 0.003 min  
Response: 24204144  
Conc: 52.77 ug/ml



#13 N-TRIACONTANE

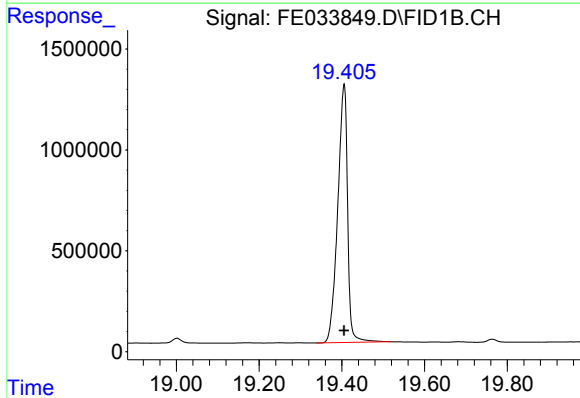
R.T.: 17.789 min  
Delta R.T.: 0.002 min  
Response: 23510818  
Conc: 51.57 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD



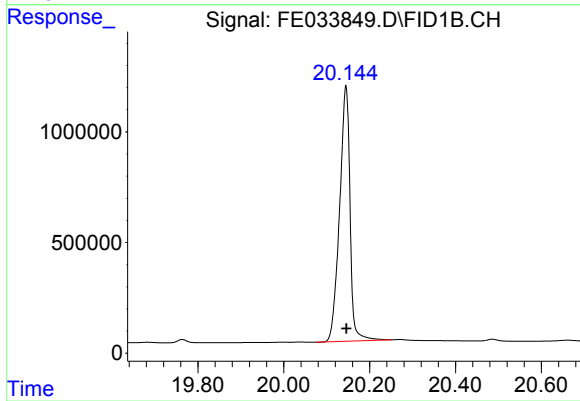
#14 N-DOTRIACONTANE

R.T.: 18.623 min  
Delta R.T.: 0.002 min  
Response: 22332292  
Conc: 50.17 ug/ml



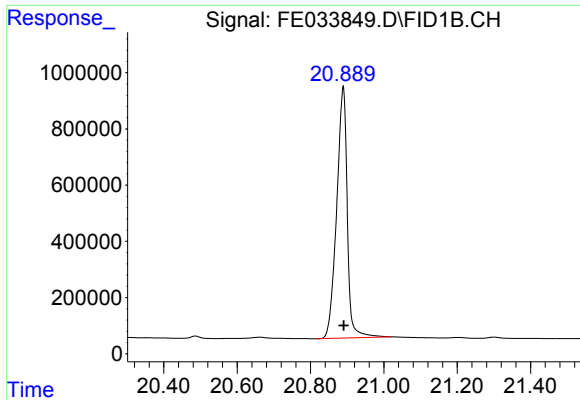
#15 N-TETRATRIACONTANE

R.T.: 19.406 min  
Delta R.T.: 0.000 min  
Response: 21181479  
Conc: 49.28 ug/ml



#16 N-HEXATRIACONTANE

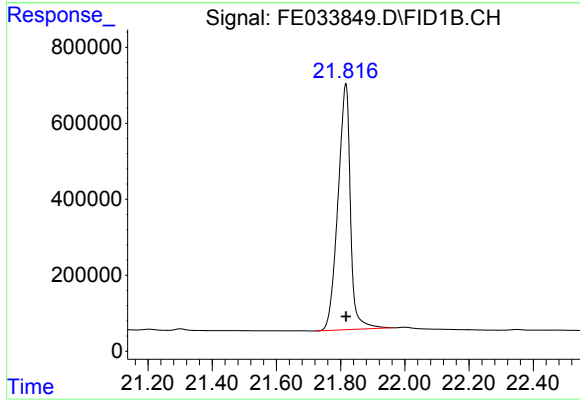
R.T.: 20.145 min  
Delta R.T.: -0.001 min  
Response: 19488153  
Conc: 48.61 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.889 min  
Delta R.T.: -0.001 min  
Response: 17931403  
Conc: 48.66 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.816 min  
Delta R.T.: -0.001 min  
Response: 17464567  
Conc: 48.30 ug/ml