

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE051721\  
 Data File : FE033810.D  
 Signal(s) : FID1B.CH  
 Acq On : 17 May 2021 13:39  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 17 15:42:04 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... | 14.726 | 21353947 | 52.833 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.414  | 22080404 | 53.233 ug/ml |
| 2) N-DECANE                   | 4.466  | 23569106 | 54.938 ug/ml |
| 3) N-DODECANE                 | 6.478  | 23931805 | 54.691 ug/ml |
| 4) N-TETRADECANE              | 8.275  | 24339595 | 54.032 ug/ml |
| 5) N-HEXADECANE               | 9.876  | 24091516 | 53.459 ug/ml |
| 6) N-OCTADECANE               | 11.319 | 24555010 | 53.307 ug/ml |
| 7) N-EICOSANE                 | 12.629 | 24366999 | 53.081 ug/ml |
| 8) N-DOCOSANE                 | 13.827 | 24341078 | 52.790 ug/ml |
| 10) N-TETRACOSANE             | 14.933 | 24277733 | 52.580 ug/ml |
| 11) N-HEXACOSANE              | 15.953 | 23926940 | 52.147 ug/ml |
| 12) N-OCTACOSANE              | 16.904 | 23745895 | 51.774 ug/ml |
| 13) N-TRIACONTANE             | 17.792 | 23524453 | 51.604 ug/ml |
| 14) N-DOTRIACONTANE           | 18.625 | 22681434 | 50.955 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.409 | 21576010 | 50.193 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.149 | 20151895 | 50.264 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.892 | 18563532 | 50.371 ug/ml |
| 18) N-TETRACONTANE            | 21.817 | 18416225 | 50.930 ug/ml |
| -----                         |        |          |              |

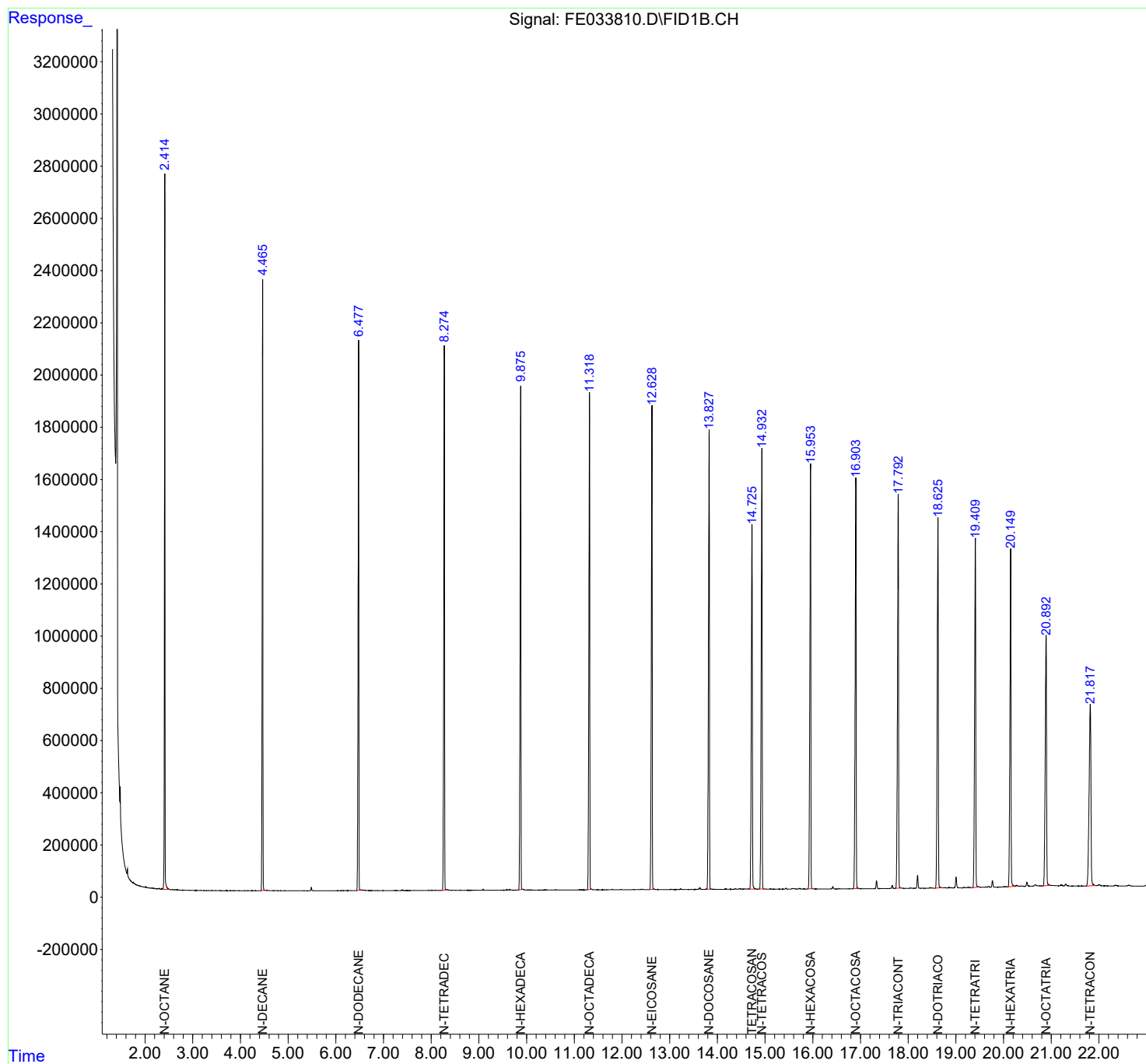
(f)=RT Delta > 1/2 Window

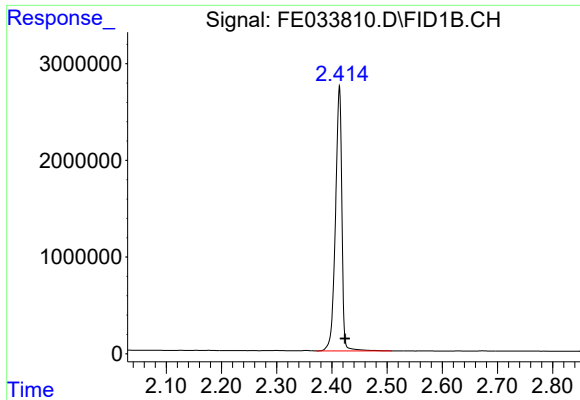
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE051721\  
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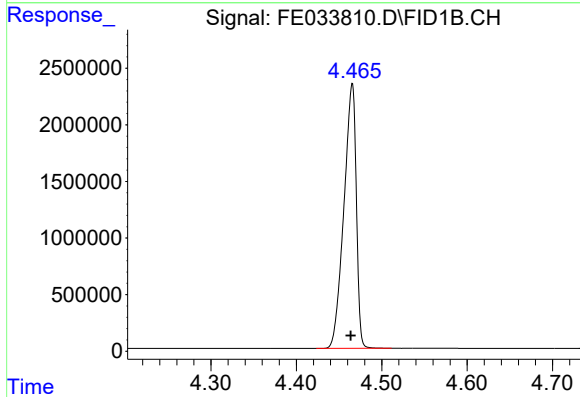
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





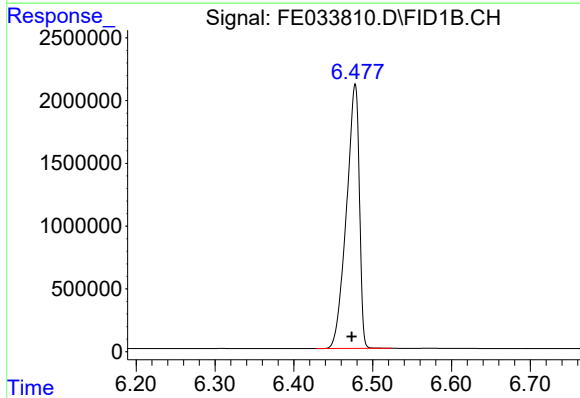
#1 N-OCTANE

R.T.: 2.414 min  
Delta R.T.: -0.010 min  
Response: 22080404  
Conc: 53.23 ug/ml



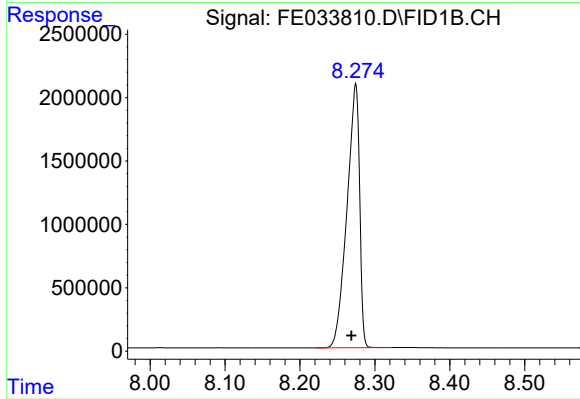
#2 N-DECANE

R.T.: 4.466 min  
Delta R.T.: 0.002 min  
Response: 23569106  
Conc: 54.94 ug/ml



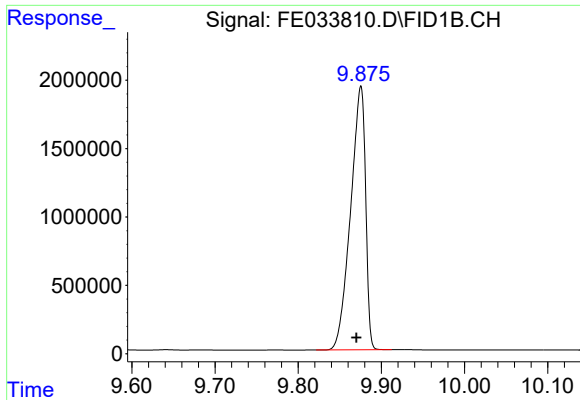
#3 N-DODECANE

R.T.: 6.478 min  
Delta R.T.: 0.004 min  
Response: 23931805  
Conc: 54.69 ug/ml



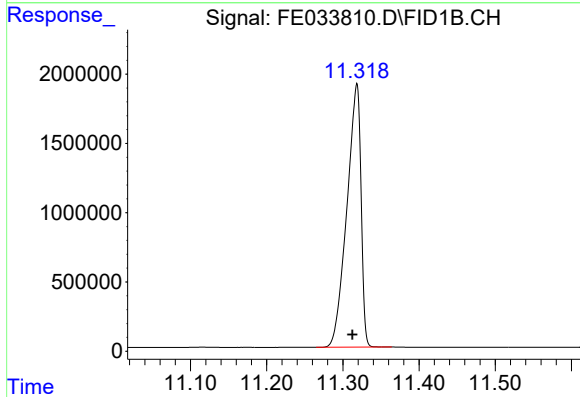
#4 N-TETRADECANE

R.T.: 8.275 min  
Delta R.T.: 0.006 min  
Response: 24339595  
Conc: 54.03 ug/ml



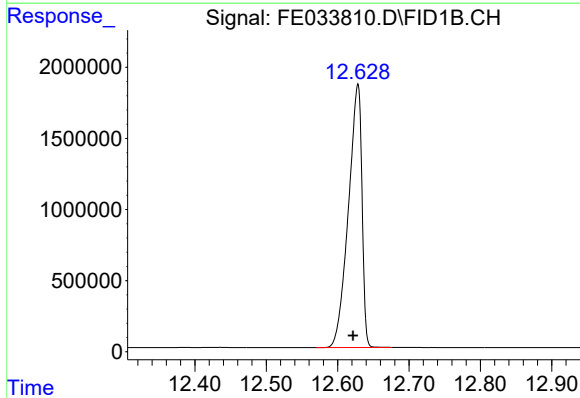
#5 N-HEXADECANE

R.T.: 9.876 min  
Delta R.T.: 0.005 min  
Response: 24091516  
Conc: 53.46 ug/ml



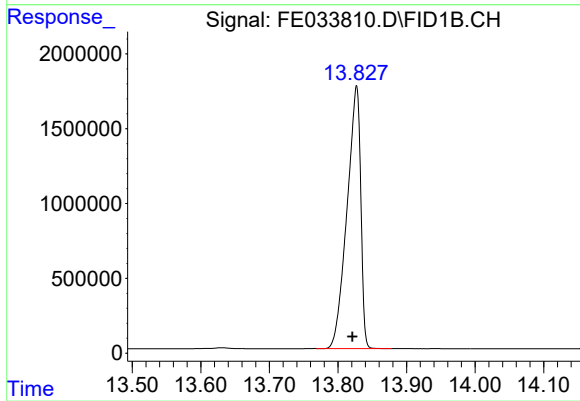
#6 N-OCTADECANE

R.T.: 11.319 min  
Delta R.T.: 0.006 min  
Response: 24555010  
Conc: 53.31 ug/ml



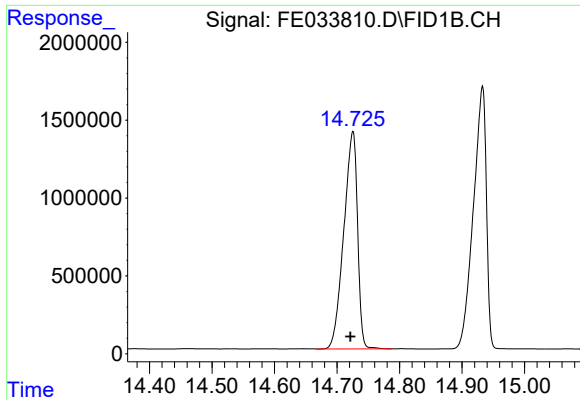
#7 N-EICOSANE

R.T.: 12.629 min  
Delta R.T.: 0.007 min  
Response: 24366999  
Conc: 53.08 ug/ml



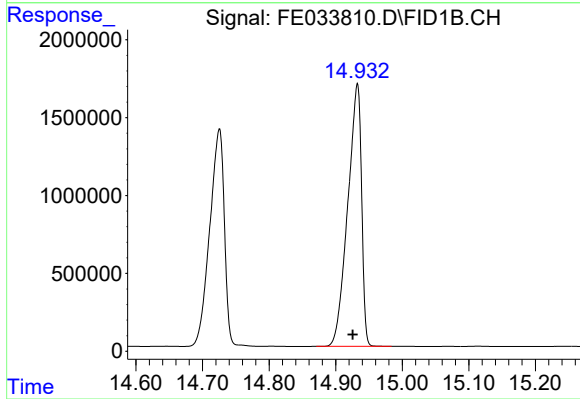
#8 N-DOCOSANE

R.T.: 13.827 min  
Delta R.T.: 0.006 min  
Response: 24341078  
Conc: 52.79 ug/ml



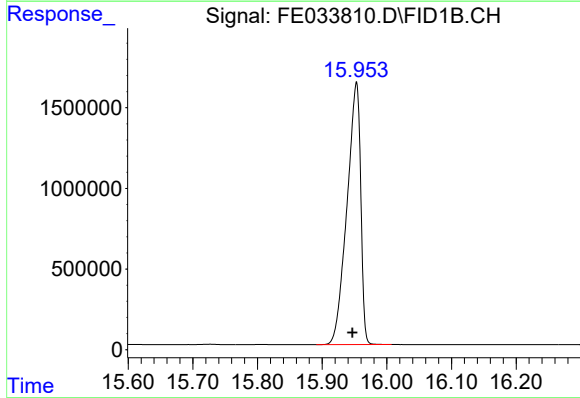
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.726 min  
Delta R.T.: 0.004 min  
Response: 21353947  
Conc: 52.83 ug/ml



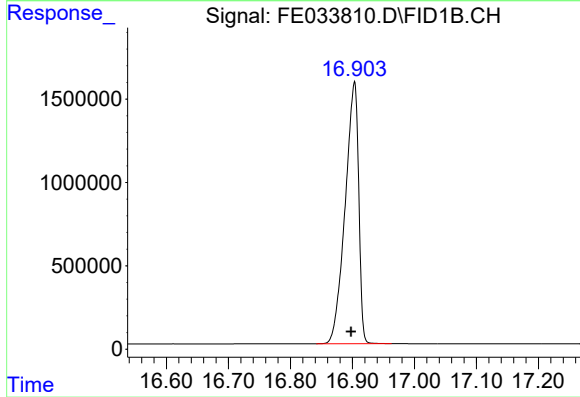
#10 N-TETRACOSANE

R.T.: 14.933 min  
Delta R.T.: 0.007 min  
Response: 24277733  
Conc: 52.58 ug/ml



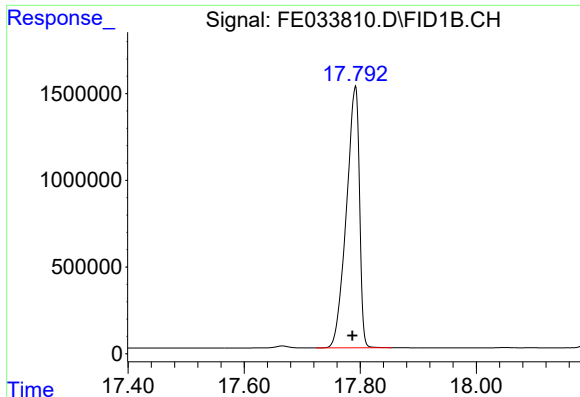
#11 N-HEXACOSANE

R.T.: 15.953 min  
Delta R.T.: 0.006 min  
Response: 23926940  
Conc: 52.15 ug/ml



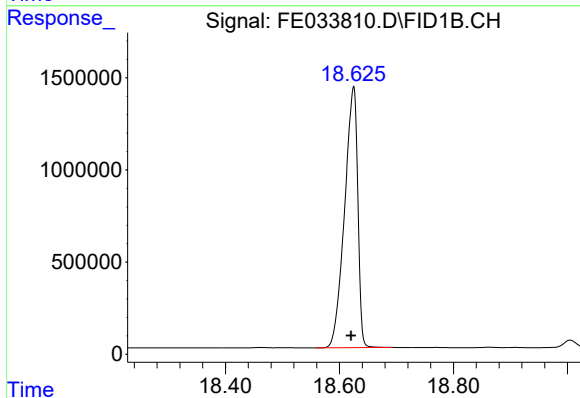
#12 N-OCTACOSANE

R.T.: 16.904 min  
Delta R.T.: 0.006 min  
Response: 23745895  
Conc: 51.77 ug/ml



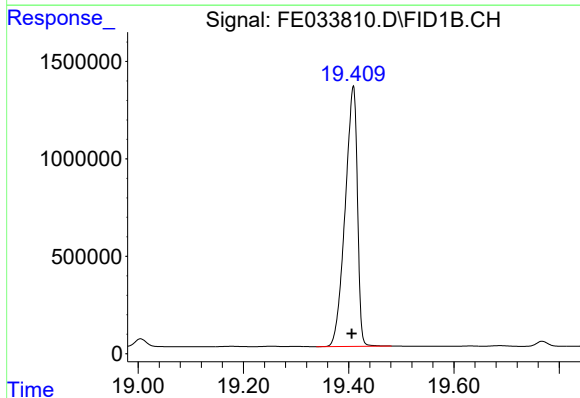
#13 N-TRIACONTANE

R.T.: 17.792 min  
Delta R.T.: 0.005 min  
Response: 23524453  
Conc: 51.60 ug/ml



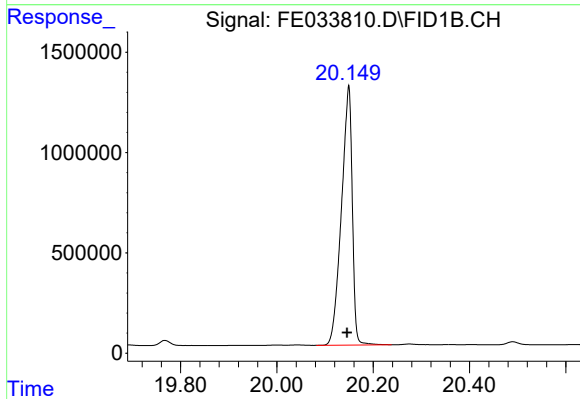
#14 N-DOTRIACONTANE

R.T.: 18.625 min  
Delta R.T.: 0.004 min  
Response: 22681434  
Conc: 50.95 ug/ml



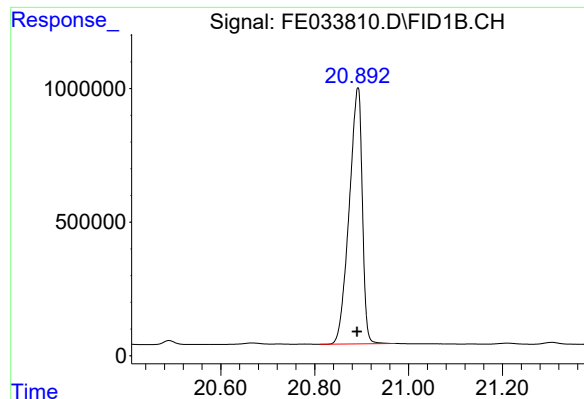
#15 N-TETRATRIACONTANE

R.T.: 19.409 min  
Delta R.T.: 0.003 min  
Response: 21576010  
Conc: 50.19 ug/ml



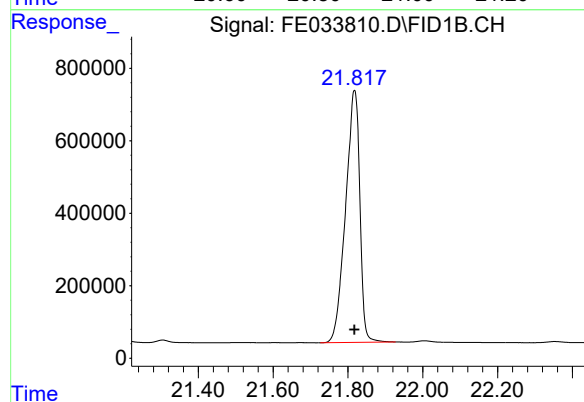
#16 N-HEXATRIACONTANE

R.T.: 20.149 min  
Delta R.T.: 0.003 min  
Response: 20151895  
Conc: 50.26 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.892 min  
Delta R.T.: 0.001 min  
Response: 18563532  
Conc: 50.37 ug/ml



#18 N-TETRACONTANE

R.T.: 21.817 min  
Delta R.T.: 0.000 min  
Response: 18416225  
Conc: 50.93 ug/ml