

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE031721\  
 Data File : FE033392.D  
 Signal(s) : FID1B.CH  
 Acq On : 17 Mar 2021 11:05  
 Operator : DD\AJ  
 Sample : M1458-01  
 Misc : LOD-SOIL- 1 PPM  
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 18 01:28:51 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE031621.M  
 Quant Title :  
 QLast Update : Wed Mar 17 09:27:02 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... | 14.742 | 8169575  | 21.258 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.439  | 323188   | 0.817 ug/ml  |
| 2) N-DECANE                   | 4.484  | 396048   | 0.963 ug/ml  |
| 3) N-DODECANE                 | 6.495  | 408083   | 0.979 ug/ml  |
| 4) N-TETRADECANE              | 8.287  | 419013   | 0.979 ug/ml  |
| 5) N-HEXADECANE               | 9.888  | 429933   | 1.001 ug/ml  |
| 6) N-OCTADECANE               | 11.329 | 444749   | 1.017 ug/ml  |
| 7) N-EICOSANE                 | 12.638 | 470692   | 1.074 ug/ml  |
| 8) N-DOCOSANE                 | 13.836 | 473132   | 1.078 ug/ml  |
| 10) N-TETRACOSANE             | 14.939 | 489346   | 1.109 ug/ml  |
| 11) N-HEXACOSANE              | 15.959 | 491958   | 1.127 ug/ml  |
| 12) N-OCTACOSANE              | 16.909 | 554924   | 1.274 ug/ml  |
| 13) N-TRIACONTANE             | 17.795 | 707164   | 1.642 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.630 | 783445   | 1.854 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.413 | 575783   | 1.501 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.153 | 462961   | 1.337 ug/ml  |
| 17) N-OCTATRIACONTANE         | 20.898 | 369329   | 1.167 ug/ml  |
| 18) N-TETRACONTANE            | 21.830 | 263187   | 0.902 ug/ml  |
| -----                         |        |          |              |

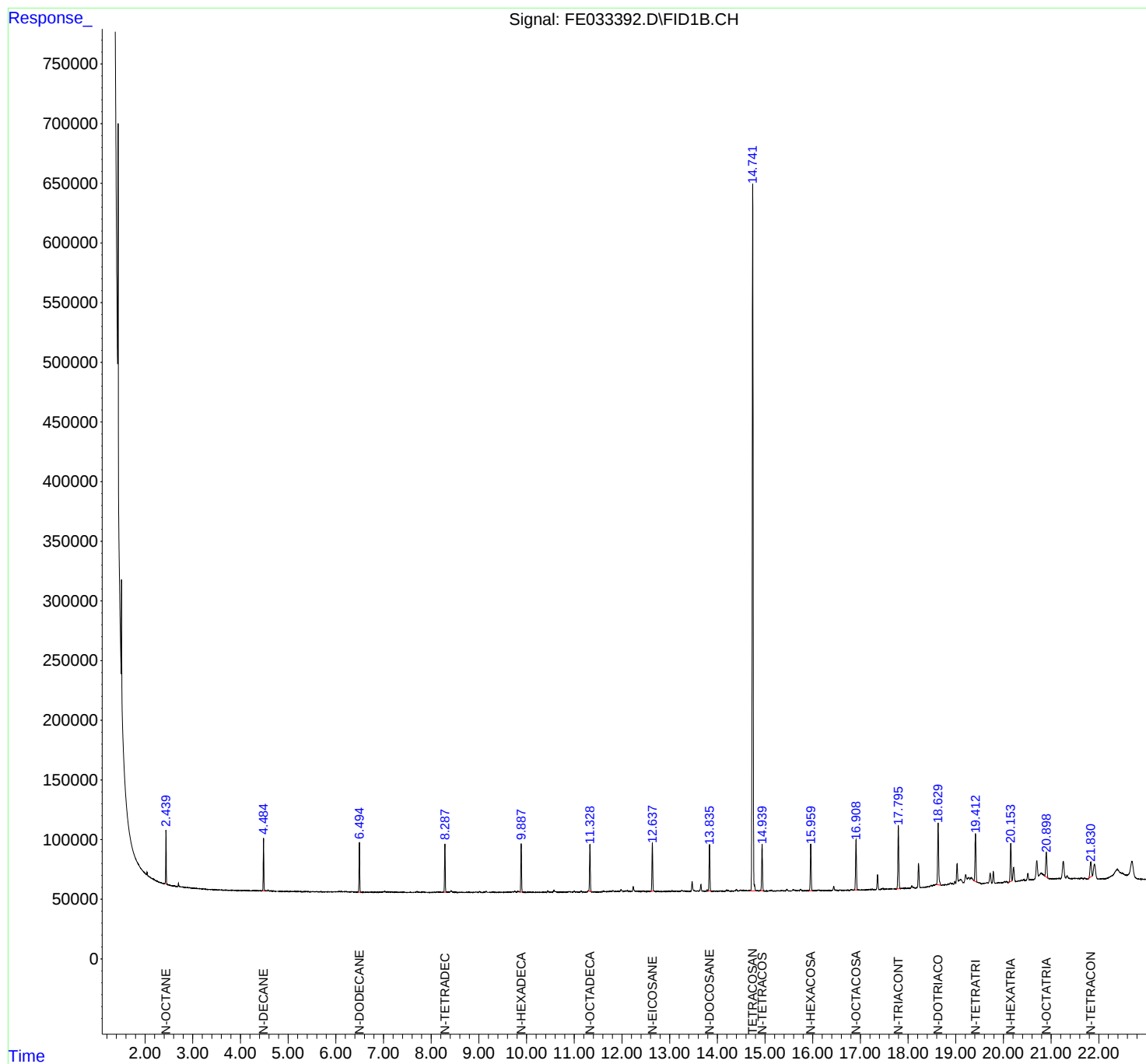
(f)=RT Delta > 1/2 Window

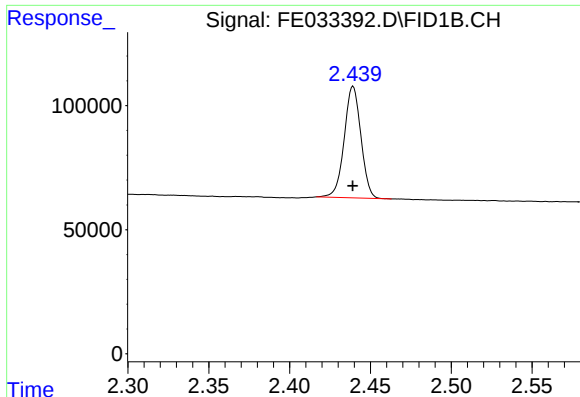
(m)=manual int.

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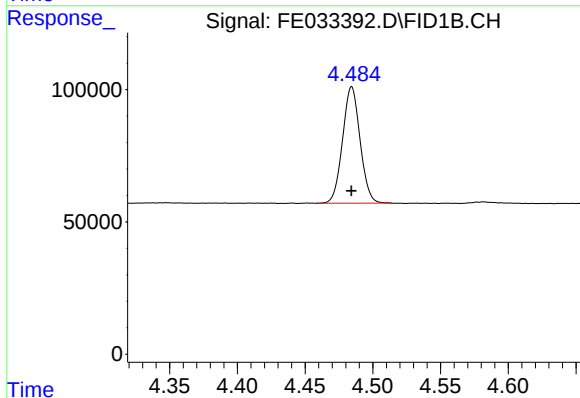
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Signal Info : 20mx0.18mmx0.18um





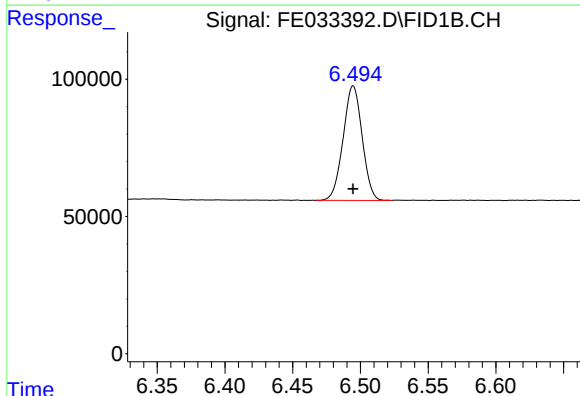
#1 N-OCTANE

R.T.: 2.439 min  
Delta R.T.: 0.000 min  
Response: 323188  
Conc: 0.82 ug/ml



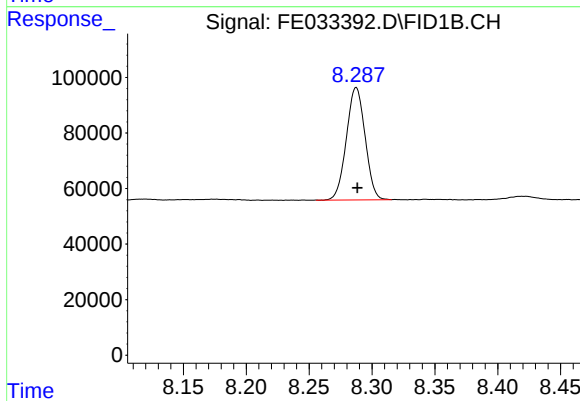
#2 N-DECANE

R.T.: 4.484 min  
Delta R.T.: 0.000 min  
Response: 396048  
Conc: 0.96 ug/ml



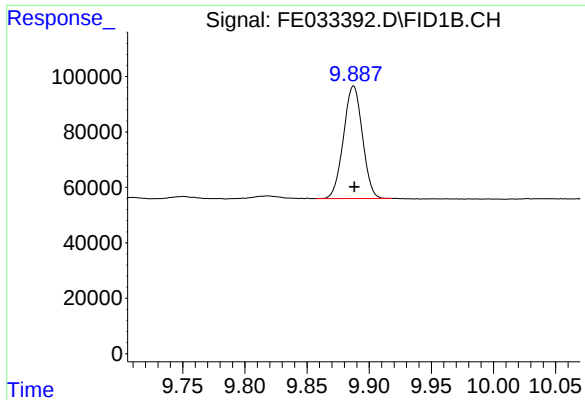
#3 N-DODECANE

R.T.: 6.495 min  
Delta R.T.: 0.000 min  
Response: 408083  
Conc: 0.98 ug/ml



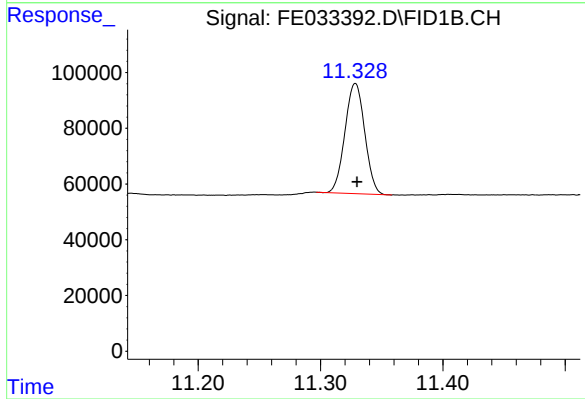
#4 N-TETRADECANE

R.T.: 8.287 min  
Delta R.T.: 0.000 min  
Response: 419013  
Conc: 0.98 ug/ml



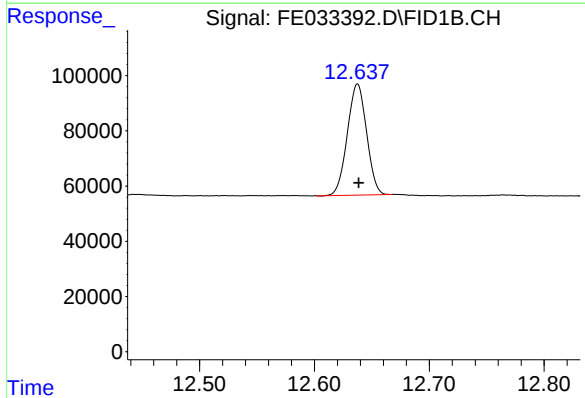
#5 N-HEXADECANE

R.T.: 9.888 min  
Delta R.T.: 0.000 min  
Response: 429933  
Conc: 1.00 ug/ml



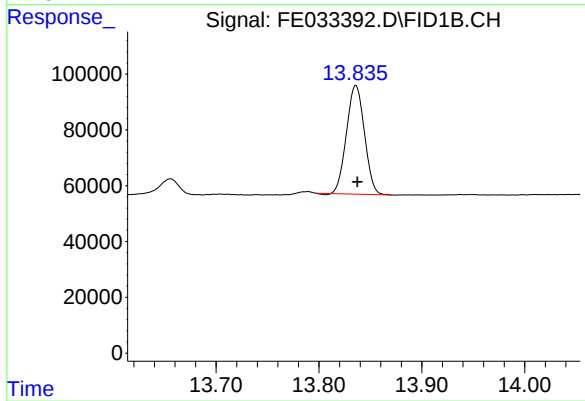
#6 N-OCTADECANE

R.T.: 11.329 min  
Delta R.T.: -0.001 min  
Response: 444749  
Conc: 1.02 ug/ml



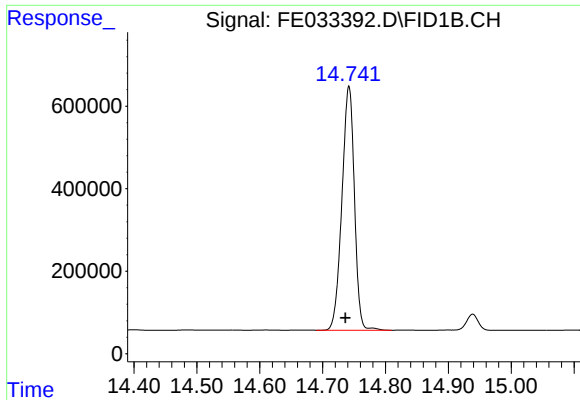
#7 N-EICOSANE

R.T.: 12.638 min  
Delta R.T.: -0.001 min  
Response: 470692  
Conc: 1.07 ug/ml



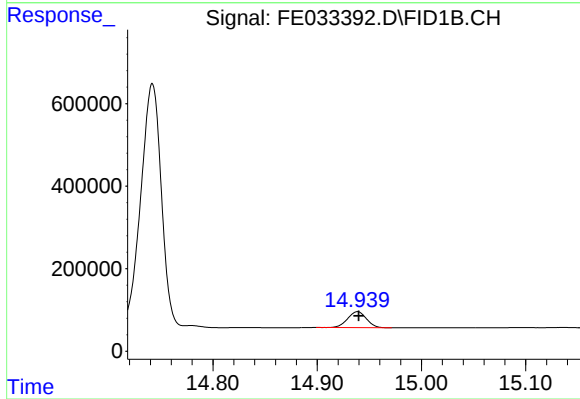
#8 N-DOCOSANE

R.T.: 13.836 min  
Delta R.T.: -0.002 min  
Response: 473132  
Conc: 1.08 ug/ml



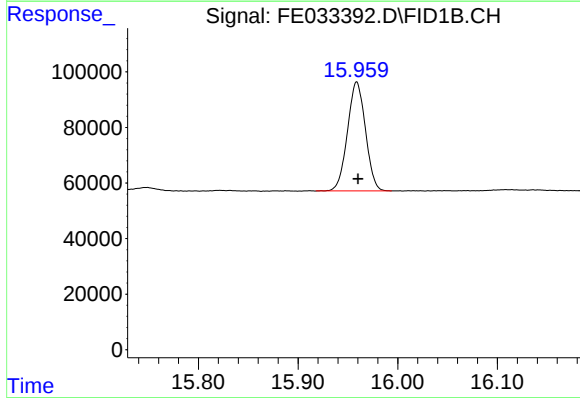
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.742 min  
Delta R.T.: 0.005 min  
Response: 8169575  
Conc: 21.26 ug/ml



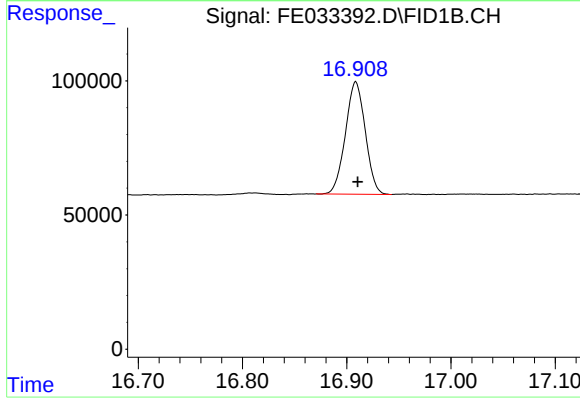
#10 N-TETRACOSANE

R.T.: 14.939 min  
Delta R.T.: 0.000 min  
Response: 489346  
Conc: 1.11 ug/ml



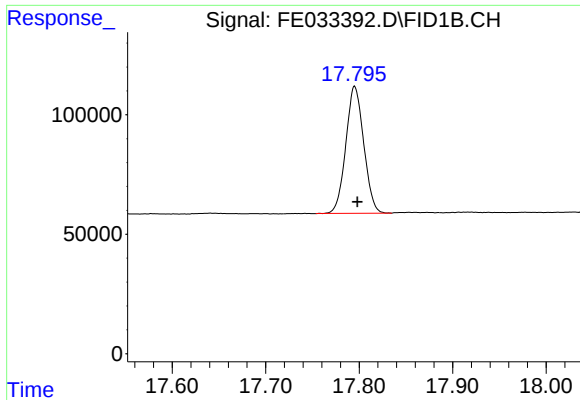
#11 N-HEXACOSANE

R.T.: 15.959 min  
Delta R.T.: -0.002 min  
Response: 491958  
Conc: 1.13 ug/ml



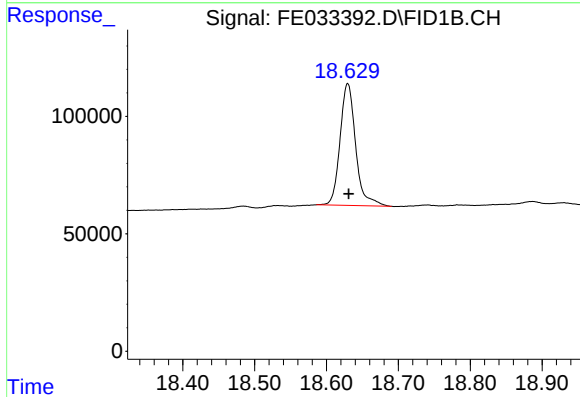
#12 N-OCTACOSANE

R.T.: 16.909 min  
Delta R.T.: -0.002 min  
Response: 554924  
Conc: 1.27 ug/ml



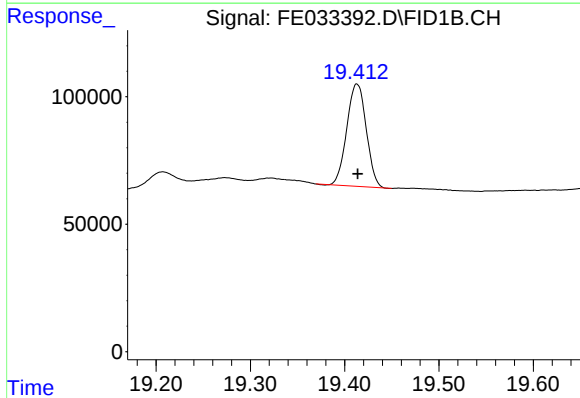
#13 N-TRIACONTANE

R.T.: 17.795 min  
Delta R.T.: -0.003 min  
Response: 707164  
Conc: 1.64 ug/ml



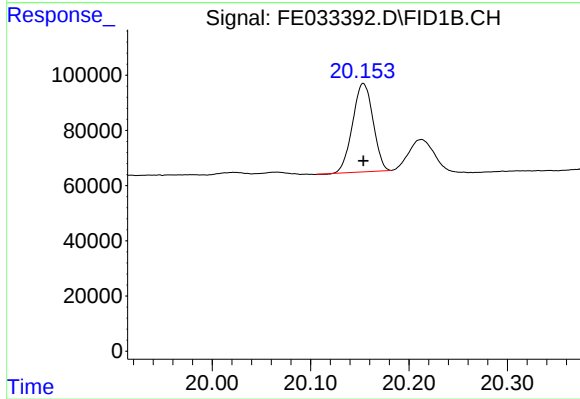
#14 N-DOTRIACONTANE

R.T.: 18.630 min  
Delta R.T.: -0.001 min  
Response: 783445  
Conc: 1.85 ug/ml



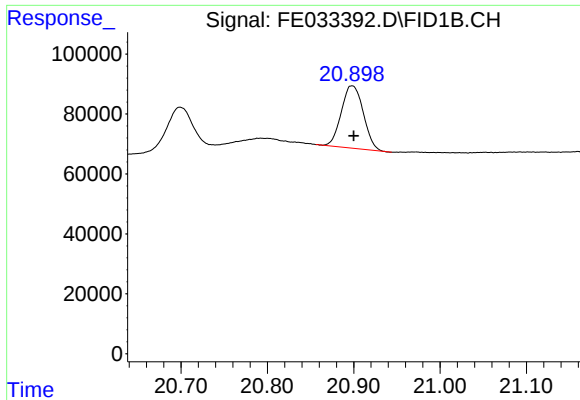
#15 N-TETRATRIACONTANE

R.T.: 19.413 min  
Delta R.T.: -0.001 min  
Response: 575783  
Conc: 1.50 ug/ml



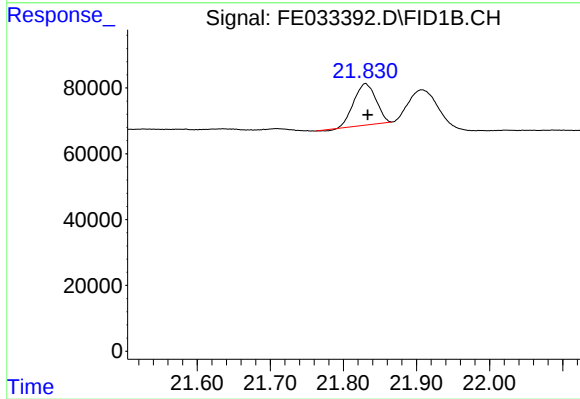
#16 N-HEXATRIACONTANE

R.T.: 20.153 min  
Delta R.T.: 0.000 min  
Response: 462961  
Conc: 1.34 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.898 min  
Delta R.T.: -0.002 min  
Response: 369329  
Conc: 1.17 ug/ml



#18 N-TETRACONTANE

R.T.: 21.830 min  
Delta R.T.: -0.003 min  
Response: 263187  
Conc: 0.90 ug/ml