

Data Path : P:\HPCHEM1\FID\_E\Data\FE041018\  
 Data File : FE026615.D  
 Signal(s) : FID1B.CH  
 Acq On : 11 Apr 2018 10:06  
 Operator : UA/AJ  
 Sample : 4400 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 11 10:36:04 2018  
 Quant Method : P:\HPCHEM1\FID\_E\methods\C44-FE032318.M  
 Quant Title :  
 QLast Update : Fri Mar 23 12:17:01 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20m x 0.18mm x 0.18um

| Compound                    |                          | R.T.   | Response | Conc Units    |
|-----------------------------|--------------------------|--------|----------|---------------|
| -----                       |                          |        |          |               |
| System Monitoring Compounds |                          |        |          |               |
| 13) S                       | TETRACOSANE-d50 (SURR... | 15.324 | 9618416  | 52.424 ug/ml  |
| Target Compounds            |                          |        |          |               |
| 1)                          | N-OCTANE                 | 2.832  | 33488506 | 379.686 ug/ml |
| 2)                          | N-NONANE                 | 3.895  | 36982703 | 400.567 ug/ml |
| 3)                          | N-DECANE                 | 4.995  | 59270727 | 410.433 ug/ml |
| 4)                          | N-UNDECANE               | 6.048  | 65314097 | 616.576 ug/ml |
| 5)                          | N-DODECANE               | 7.044  | 67115772 | 606.306 ug/ml |
| 6)                          | N-TETRADECANE            | 8.858  | 69107983 | 564.266 ug/ml |
| 7)                          | N-HEXADECANE             | 10.470 | 59341595 | 427.652 ug/ml |
| 8)                          | N-OCTADECANE             | 11.910 | 29571846 | 194.687 ug/ml |
| 9)                          | N-EICOSANE               | 13.215 | 11624653 | 71.184 ug/ml  |
| 10)                         | N-TETRACOSANE            | 15.530 | 10193644 | 60.978 ug/ml  |
| 11)                         | N-OCTACOSANE             | 17.504 | 4774192  | 32.853 ug/ml  |
| 12)                         | N-DOTRIACONTANE          | 19.233 | 4929464  | 36.258 ug/ml  |
| 14)                         | N-HEXATRIACONTANE        | 20.788 | 4815842  | 36.425 ug/ml  |
| 15)                         | N-TETRACONTANE           | 22.884 | 4330551  | 40.661 ug/ml  |
| 16)                         | N-TETRTETRACOOCTANE      | 26.568 | 3151554  | 47.871 ug/ml  |
| -----                       |                          |        |          |               |

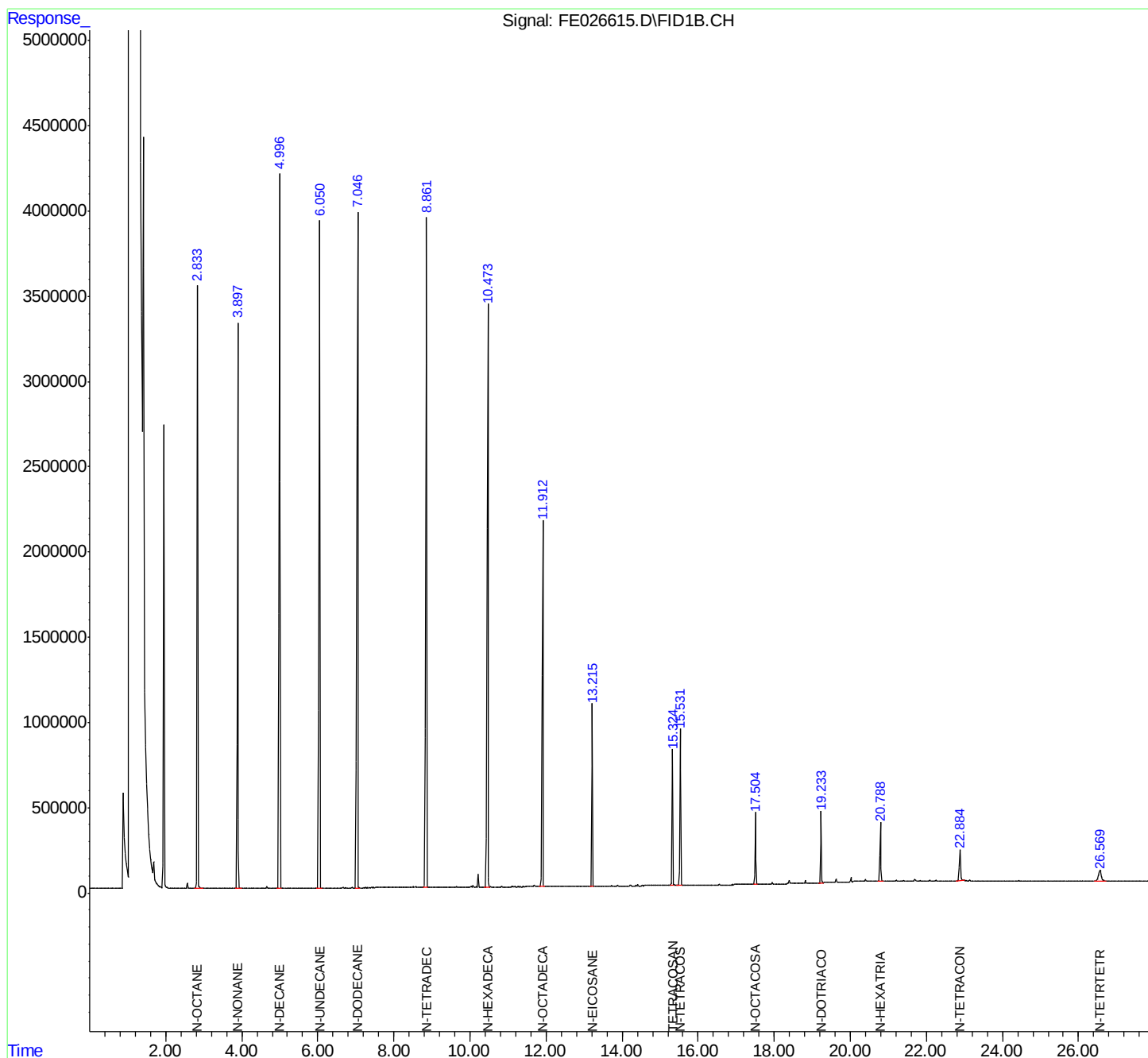
(f)=RT Delta > 1/2 Window

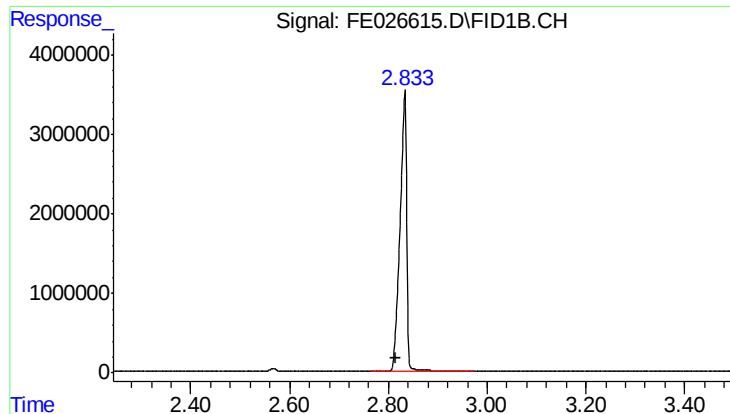
(m)=manual int.

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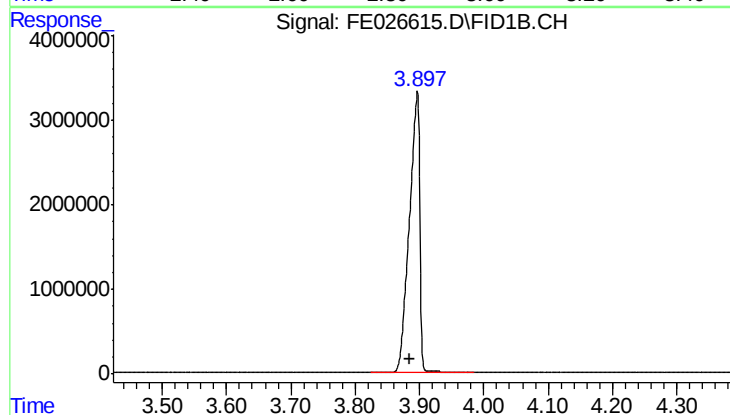
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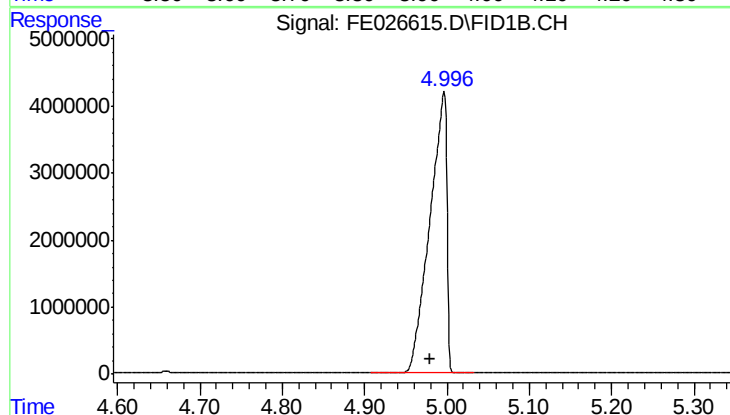
#1 N-OCTANE

R.T.: 2.832 min  
Delta R.T.: 0.017 min  
Response: 33488506  
Conc: 379.69 ug/ml



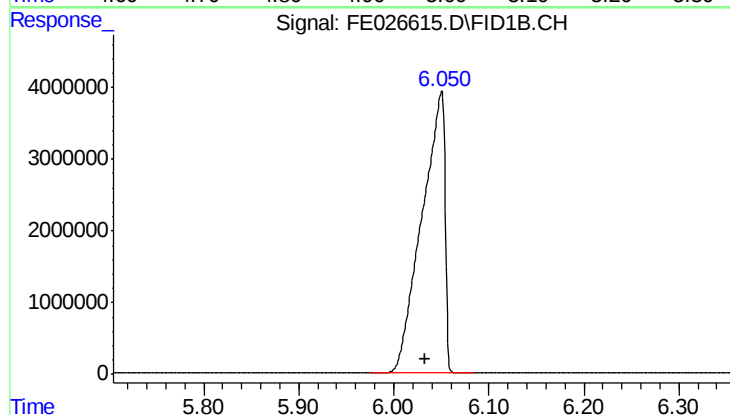
#2 N-NONANE

R.T.: 3.895 min  
Delta R.T.: 0.011 min  
Response: 36982703  
Conc: 400.57 ug/ml



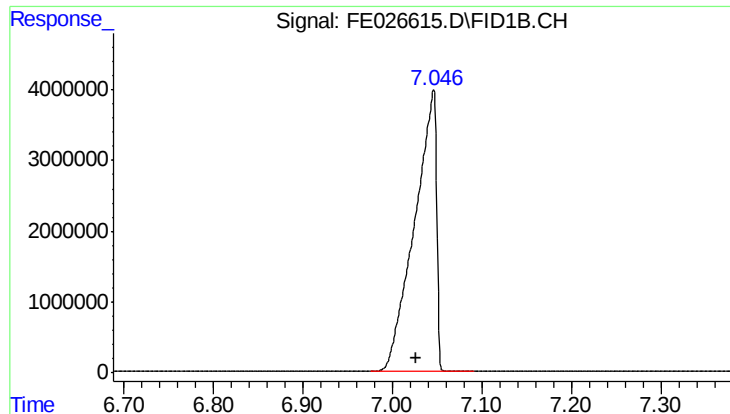
#3 N-DECANE

R.T.: 4.995 min  
Delta R.T.: 0.014 min  
Response: 59270727  
Conc: 410.43 ug/ml



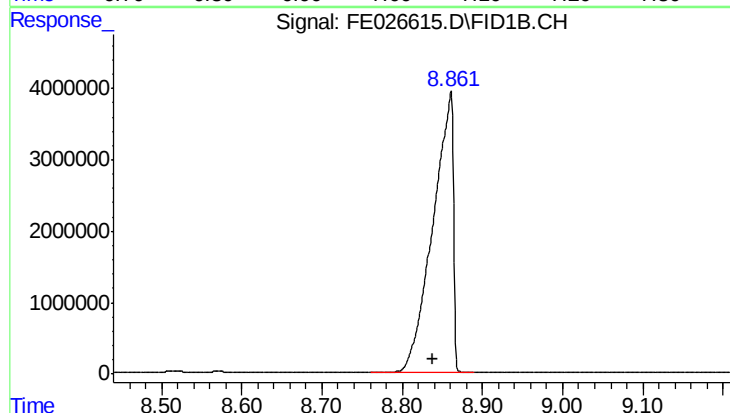
#4 N-UNDECANE

R.T.: 6.048 min  
Delta R.T.: 0.015 min  
Response: 65314097  
Conc: 616.58 ug/ml



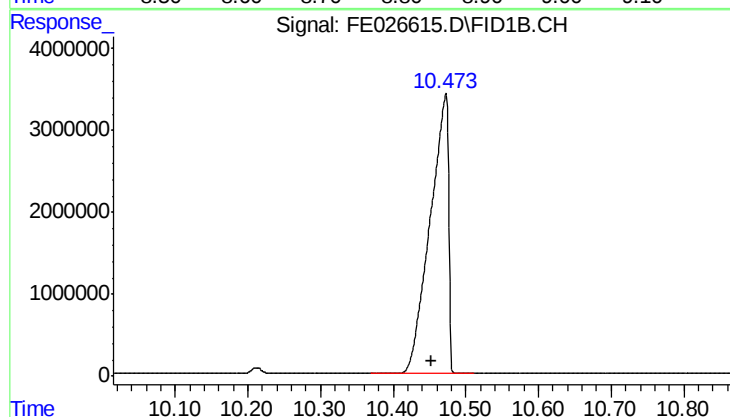
#5 N-DODECANE

R.T.: 7.044 min  
Delta R.T.: 0.018 min  
Response: 67115772  
Conc: 606.31 ug/ml



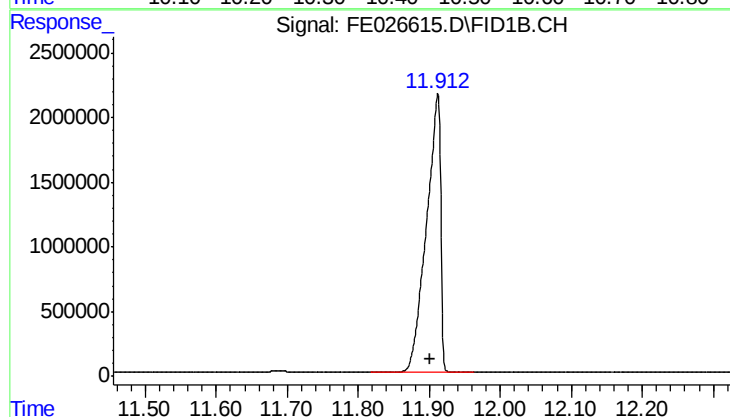
#6 N-TETRADECANE

R.T.: 8.858 min  
Delta R.T.: 0.020 min  
Response: 69107983  
Conc: 564.27 ug/ml



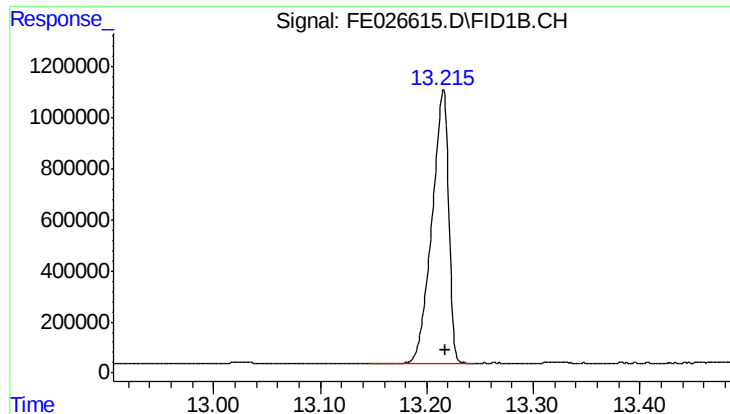
#7 N-HEXADECANE

R.T.: 10.470 min  
Delta R.T.: 0.018 min  
Response: 59341595  
Conc: 427.65 ug/ml



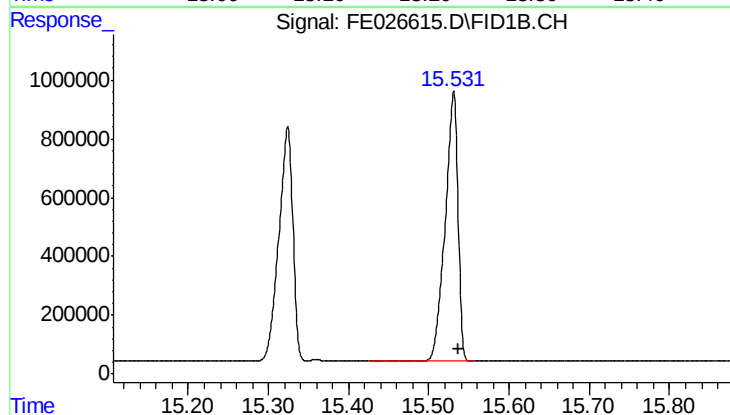
#8 N-OCTADECANE

R.T.: 11.910 min  
Delta R.T.: 0.008 min  
Response: 29571846  
Conc: 194.69 ug/ml



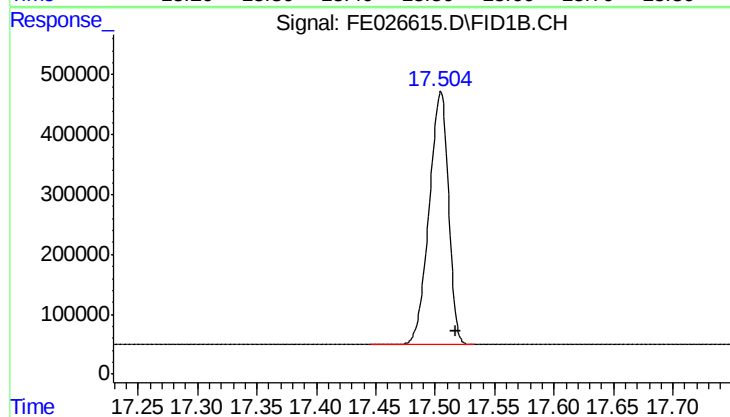
#9 N-EICOSANE

R.T.: 13.215 min  
Delta R.T.: -0.003 min  
Response: 11624653  
Conc: 71.18 ug/ml



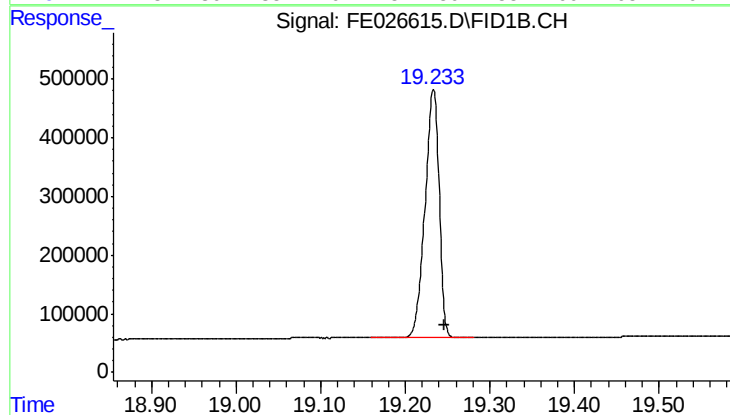
#10 N-TETRACOSANE

R.T.: 15.530 min  
Delta R.T.: -0.006 min  
Response: 10193644  
Conc: 60.98 ug/ml



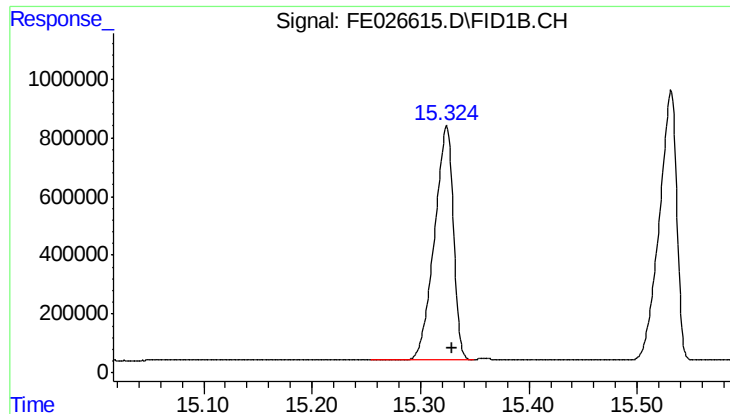
#11 N-OCTACOSANE

R.T.: 17.504 min  
Delta R.T.: -0.013 min  
Response: 4774192  
Conc: 32.85 ug/ml



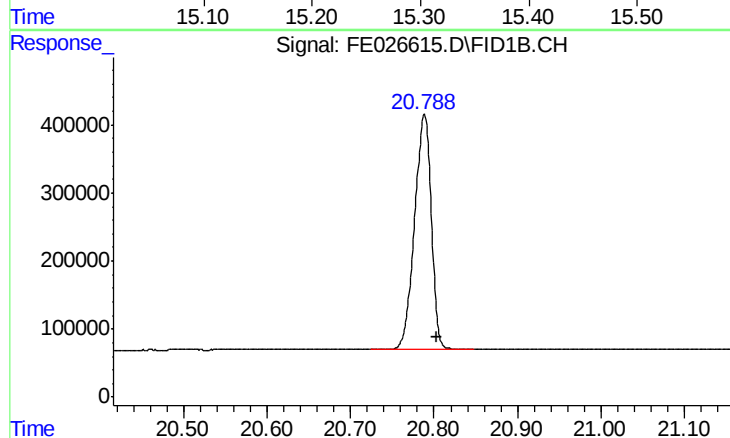
#12 N-DOTRIACONTANE

R.T.: 19.233 min  
Delta R.T.: -0.013 min  
Response: 4929464  
Conc: 36.26 ug/ml



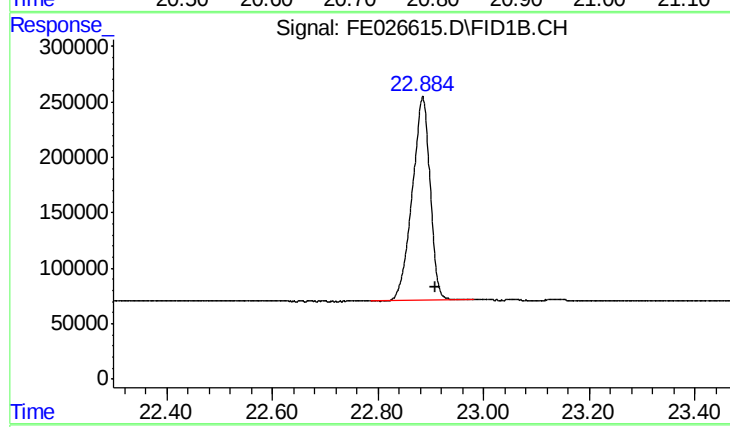
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.324 min  
Delta R.T.: -0.005 min  
Response: 9618416  
Conc: 52.42 ug/ml



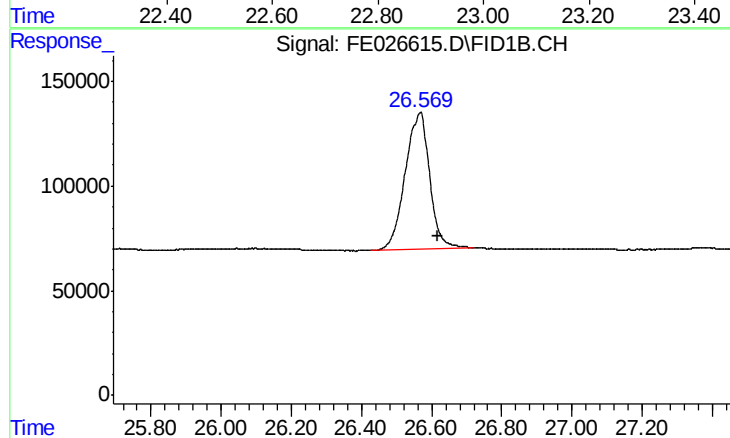
#14 N-HEXATRIACONTANE

R.T.: 20.788 min  
Delta R.T.: -0.015 min  
Response: 4815842  
Conc: 36.43 ug/ml



#15 N-TETRACONTANE

R.T.: 22.884 min  
Delta R.T.: -0.025 min  
Response: 4330551  
Conc: 40.66 ug/ml



#16 N-TETRTETRACOOCTANE

R.T.: 26.568 min  
Delta R.T.: -0.050 min  
Response: 3151554  
Conc: 47.87 ug/ml