

Data Path : P:\HPCHEM1\FID E\Data\FE011718\  
 Data File : FE025669.D  
 Signal(s) : FID1B.CH  
 Acq On : 18 Jan 2018 1:45  
 Operator : UA/AJ  
 Sample : 4400 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 18 05:30:09 2018  
 Quant Method : P:\HPCHEM1\FID\_E\methods\C44-FE010418.M  
 Quant Title :  
 QLast Update : Thu Jan 04 09:23:16 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... | 14.835 | 9484557  | 56.264 ug/ml   |
| Target Compounds            |                          |        |          |                |
| 1)                          | N-OCTANE                 | 2.481  | 30207989 | 339.323 ug/mlm |
| 2)                          | N-NONANE                 | 3.509  | 36069442 | 350.853 ug/ml  |
| 3)                          | N-DECANE                 | 4.596  | 62718864 | 363.530 ug/ml  |
| 4)                          | N-UNDECANE               | 5.640  | 69646684 | 559.007 ug/ml  |
| 5)                          | N-DODECANE               | 6.627  | 76104567 | 571.950 ug/ml  |
| 6)                          | N-TETRADECANE            | 8.430  | 87340221 | 596.244 ug/ml  |
| 7)                          | N-HEXADECANE             | 10.029 | 78804403 | 512.322 ug/ml  |
| 8)                          | N-OCTADECANE             | 11.454 | 40856113 | 259.170 ug/ml  |
| 9)                          | N-EICOSANE               | 12.746 | 16215054 | 105.412 ug/ml  |
| 10)                         | N-TETRACOSANE            | 15.047 | 15674704 | 113.625 ug/ml  |
| 11)                         | N-OCTACOSANE             | 17.006 | 7602946  | 60.348 ug/ml   |
| 12)                         | N-DOTRIACONTANE          | 18.722 | 7072429  | 58.883 ug/ml   |
| 14)                         | N-HEXATRIACONTANE        | 20.239 | 4495259  | 52.830 ug/mlm  |
| 15)                         | N-TETRACONTANE           | 21.942 | 2548155  | 34.966 ug/mlm  |
| 16)                         | N-TETRTETRACOOCTANE      | 24.822 | 1049702  | 19.055 ug/mlm  |
| -----                       |                          |        |          |                |

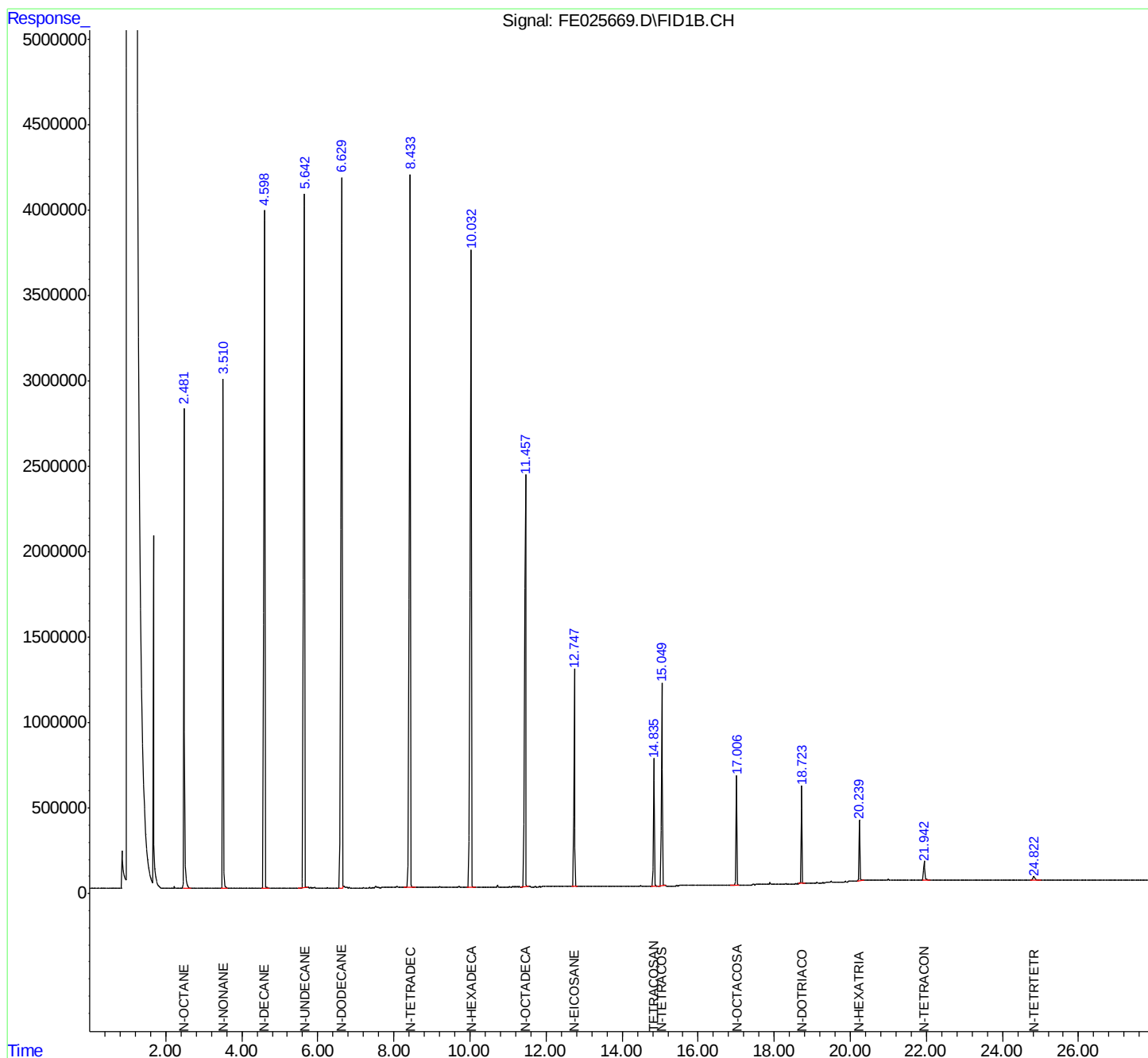
(f)=RT Delta > 1/2 Window

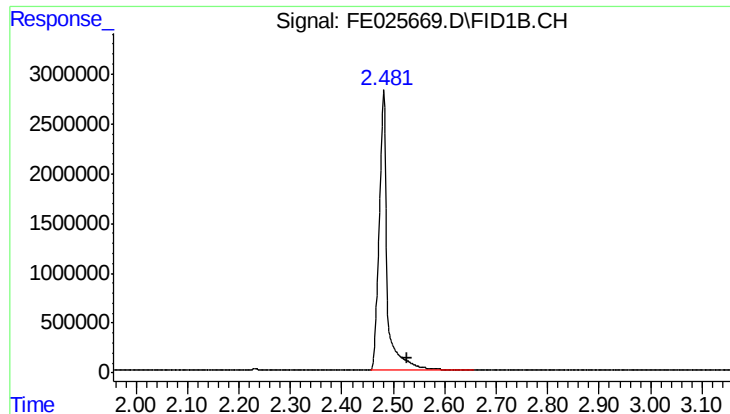
(m)=manual int.

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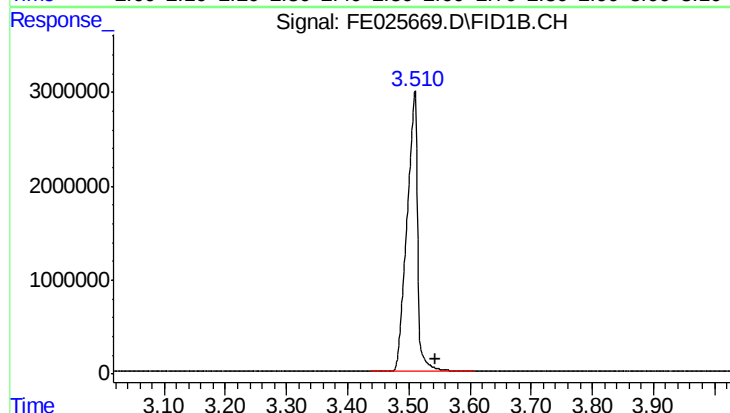
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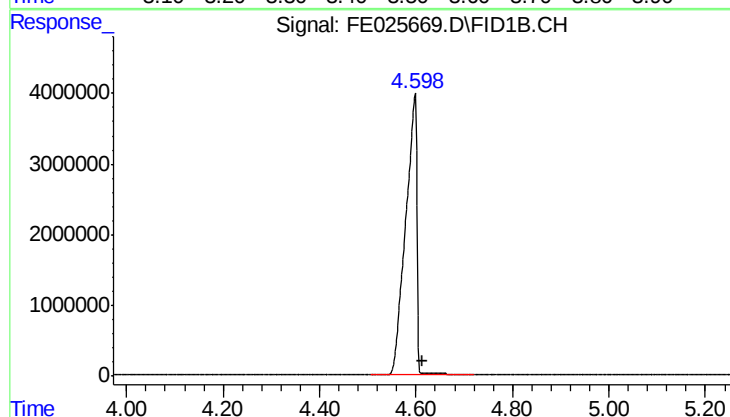
#1 N-OCTANE

R.T.: 2.481 min  
Delta R.T.: -0.046 min  
Response: 30207989  
Conc: 339.32 ug/ml m



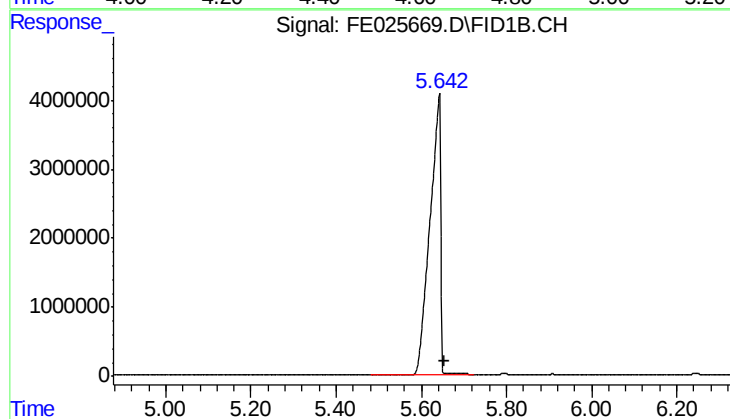
#2 N-NONANE

R.T.: 3.509 min  
Delta R.T.: -0.034 min  
Response: 36069442  
Conc: 350.85 ug/ml



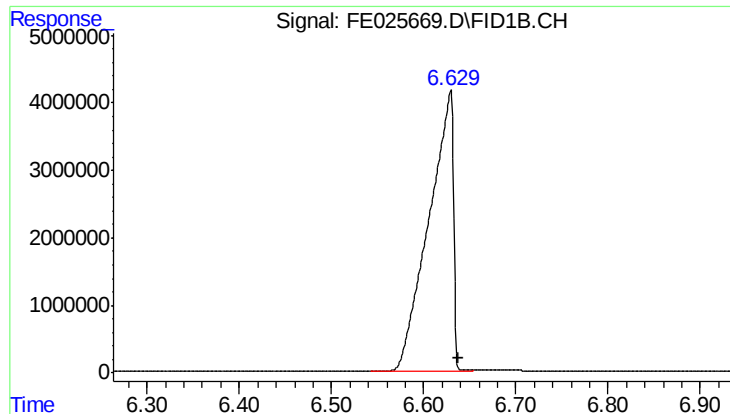
#3 N-DECANE

R.T.: 4.596 min  
Delta R.T.: -0.018 min  
Response: 62718864  
Conc: 363.53 ug/ml



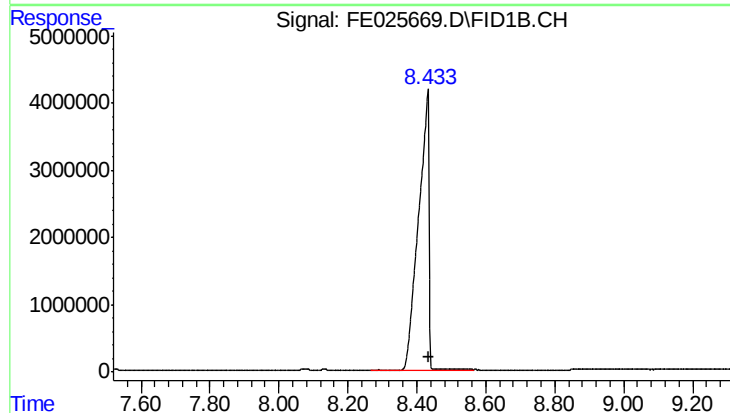
#4 N-UNDECANE

R.T.: 5.640 min  
Delta R.T.: -0.014 min  
Response: 69646684  
Conc: 559.01 ug/ml



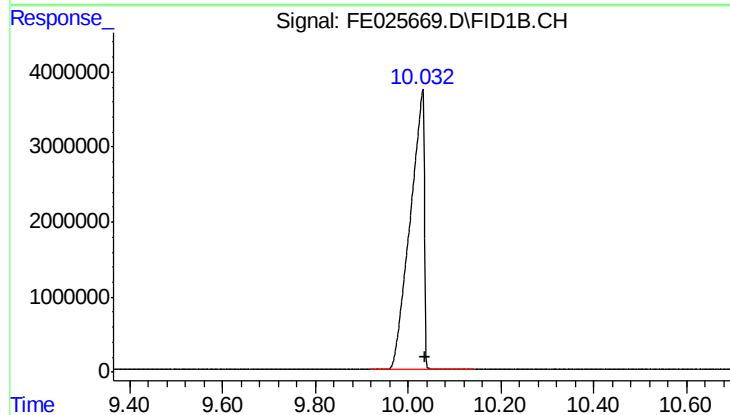
#5 N-DODECANE

R.T.: 6.627 min  
Delta R.T.: -0.010 min  
Response: 76104567  
Conc: 571.95 ug/ml



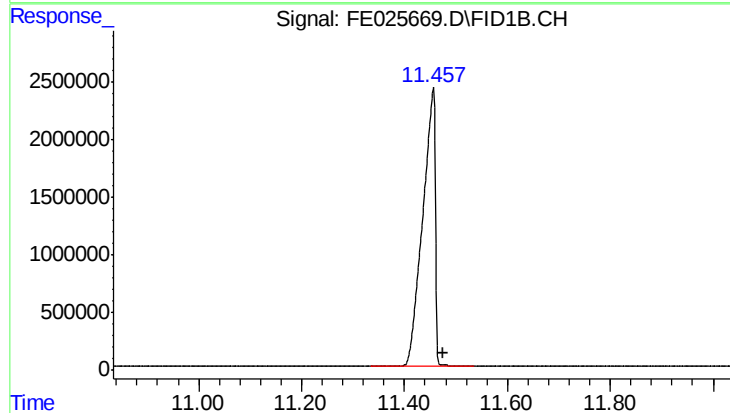
#6 N-TETRADECANE

R.T.: 8.430 min  
Delta R.T.: -0.006 min  
Response: 87340221  
Conc: 596.24 ug/ml



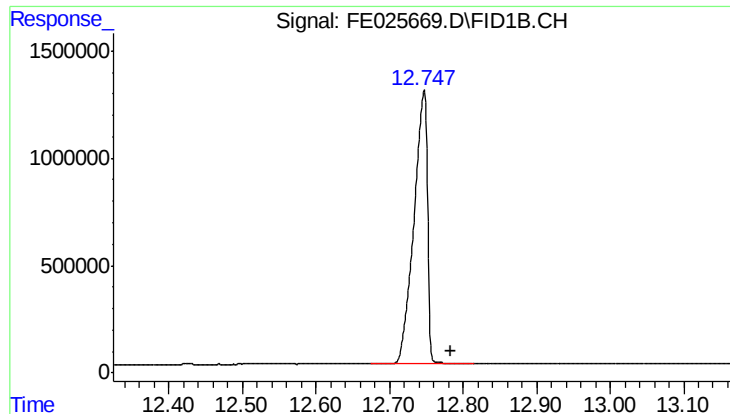
#7 N-HEXADECANE

R.T.: 10.029 min  
Delta R.T.: -0.009 min  
Response: 78804403  
Conc: 512.32 ug/ml



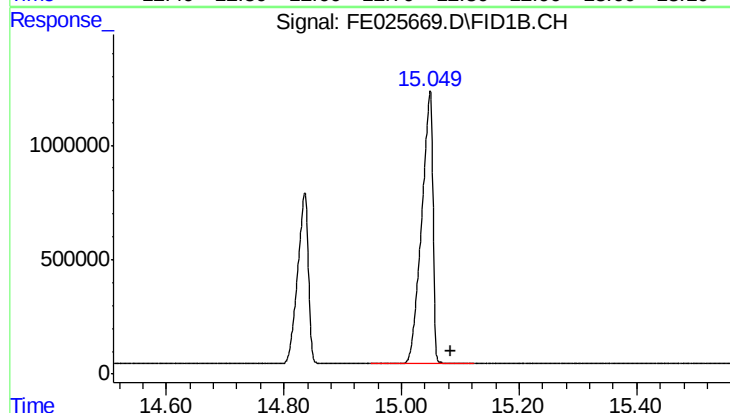
#8 N-OCTADECANE

R.T.: 11.454 min  
Delta R.T.: -0.021 min  
Response: 40856113  
Conc: 259.17 ug/ml



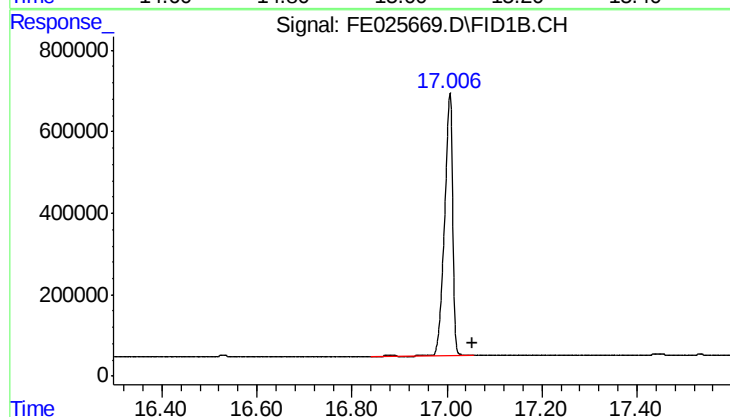
#9 N-EICOSANE

R.T.: 12.746 min  
Delta R.T.: -0.037 min  
Response: 16215054  
Conc: 105.41 ug/ml



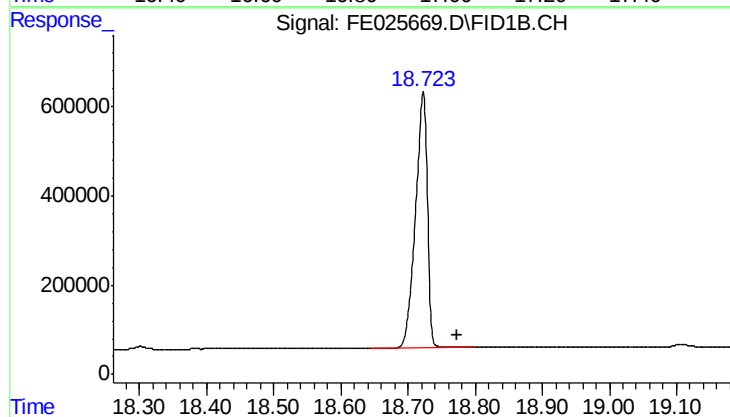
#10 N-TETRACOSANE

R.T.: 15.047 min  
Delta R.T.: -0.037 min  
Response: 15674704  
Conc: 113.63 ug/ml



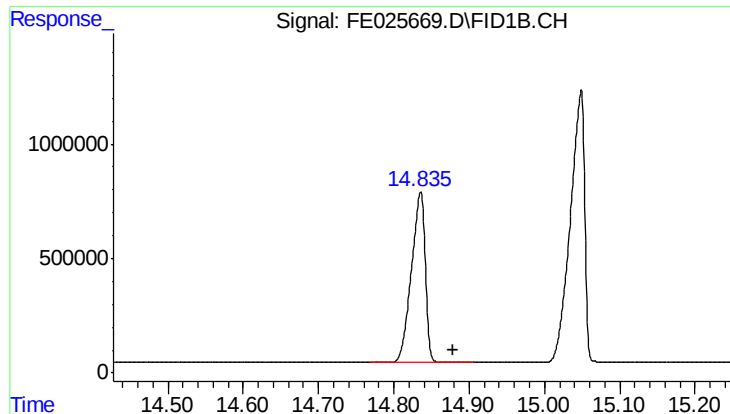
#11 N-OCTACOSANE

R.T.: 17.006 min  
Delta R.T.: -0.048 min  
Response: 7602946  
Conc: 60.35 ug/ml



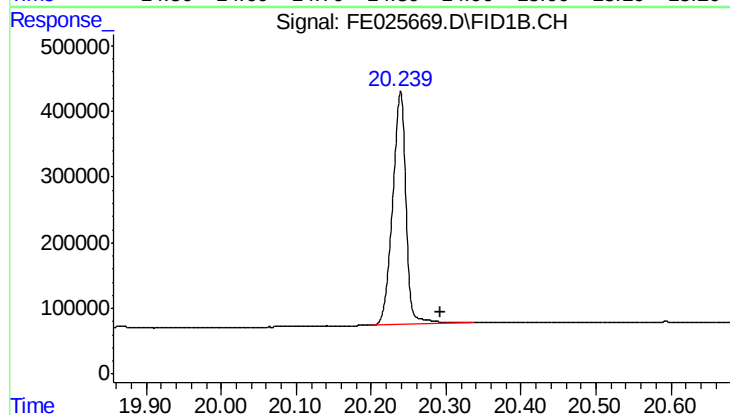
#12 N-DOTRIACONTANE

R.T.: 18.722 min  
Delta R.T.: -0.051 min  
Response: 7072429  
Conc: 58.88 ug/ml



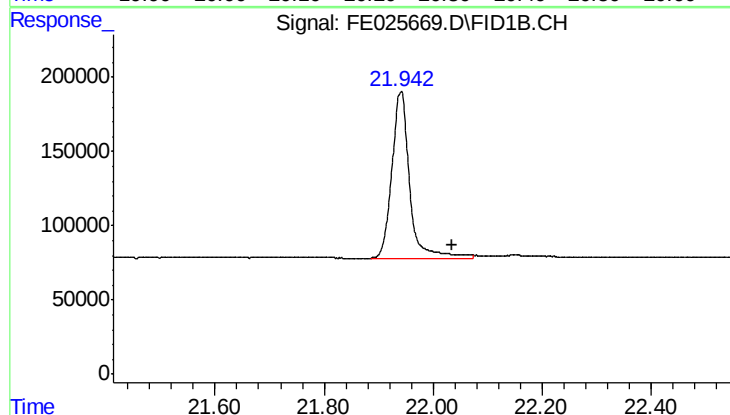
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.835 min  
Delta R.T.: -0.045 min  
Response: 9484557  
Conc: 56.26 ug/ml



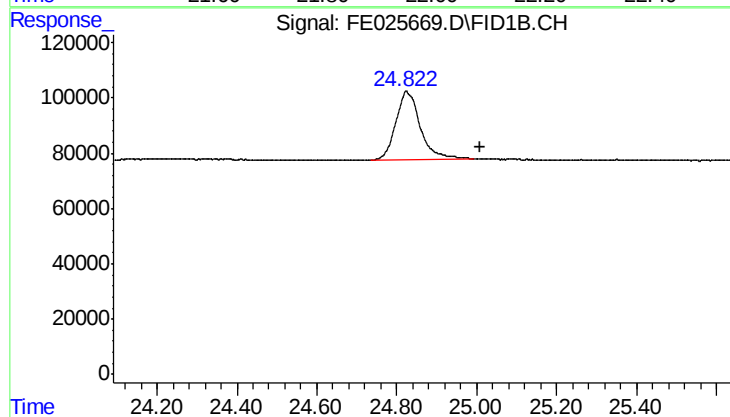
#14 N-HEXATRIACONTANE

R.T.: 20.239 min  
Delta R.T.: -0.054 min  
Response: 4495259  
Conc: 52.83 ug/ml m



#15 N-TETRACONTANE

R.T.: 21.942 min  
Delta R.T.: -0.093 min  
Response: 2548155  
Conc: 34.97 ug/ml m



#16 N-TETRTETRACOOCTANE

R.T.: 24.822 min  
Delta R.T.: -0.186 min  
Response: 1049702  
Conc: 19.06 ug/ml m