

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE062818\  
 Data File : FE027985.D  
 Signal(s) : FID1B.CH  
 Acq On : 28 Jun 2018 13:56  
 Operator : UA/AJ  
 Sample : 4400 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 29 05:11:32 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\C44-FE062618.M  
 Quant Title :  
 QLast Update : Tue Jun 26 18:10:02 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... | 15.050 | 11826264  | 35.441 ug/ml  |
| Target Compounds            |                          |        |           |               |
| 1)                          | N-OCTANE                 | 2.614  | 52401786  | 433.999 ug/ml |
| 2)                          | N-NONANE                 | 3.663  | 60318067  | 454.561 ug/ml |
| 3)                          | N-DECANE                 | 4.760  | 101931917 | 472.649 ug/ml |
| 4)                          | N-UNDECANE               | 5.811  | 114749948 | 726.779 ug/ml |
| 5)                          | N-DODECANE               | 6.805  | 124576717 | 730.440 ug/ml |
| 6)                          | N-TETRADECANE            | 8.620  | 138803813 | 697.204 ug/ml |
| 7)                          | N-HEXADECANE             | 10.229 | 121526678 | 527.335 ug/ml |
| 8)                          | N-OCTADECANE             | 11.658 | 60470718  | 234.484 ug/ml |
| 9)                          | N-EICOSANE               | 12.954 | 23137620  | 83.638 ug/ml  |
| 10)                         | N-TETRACOSANE            | 15.266 | 19819850  | 69.828 ug/ml  |
| 11)                         | N-OCTACOSANE             | 17.233 | 8826114   | 33.107 ug/ml  |
| 12)                         | N-DOTRIACONTANE          | 18.960 | 8182026   | 35.304 ug/ml  |
| 14)                         | N-HEXATRIACONTANE        | 20.487 | 6843829   | 37.068 ug/ml  |
| 15)                         | N-TETRACONTANE           | 22.368 | 6805310   | 40.312 ug/ml  |
| 16)                         | N-TETRTETRACOOCTANE      | 25.626 | 6439798   | 43.696 ug/ml  |
| -----                       |                          |        |           |               |

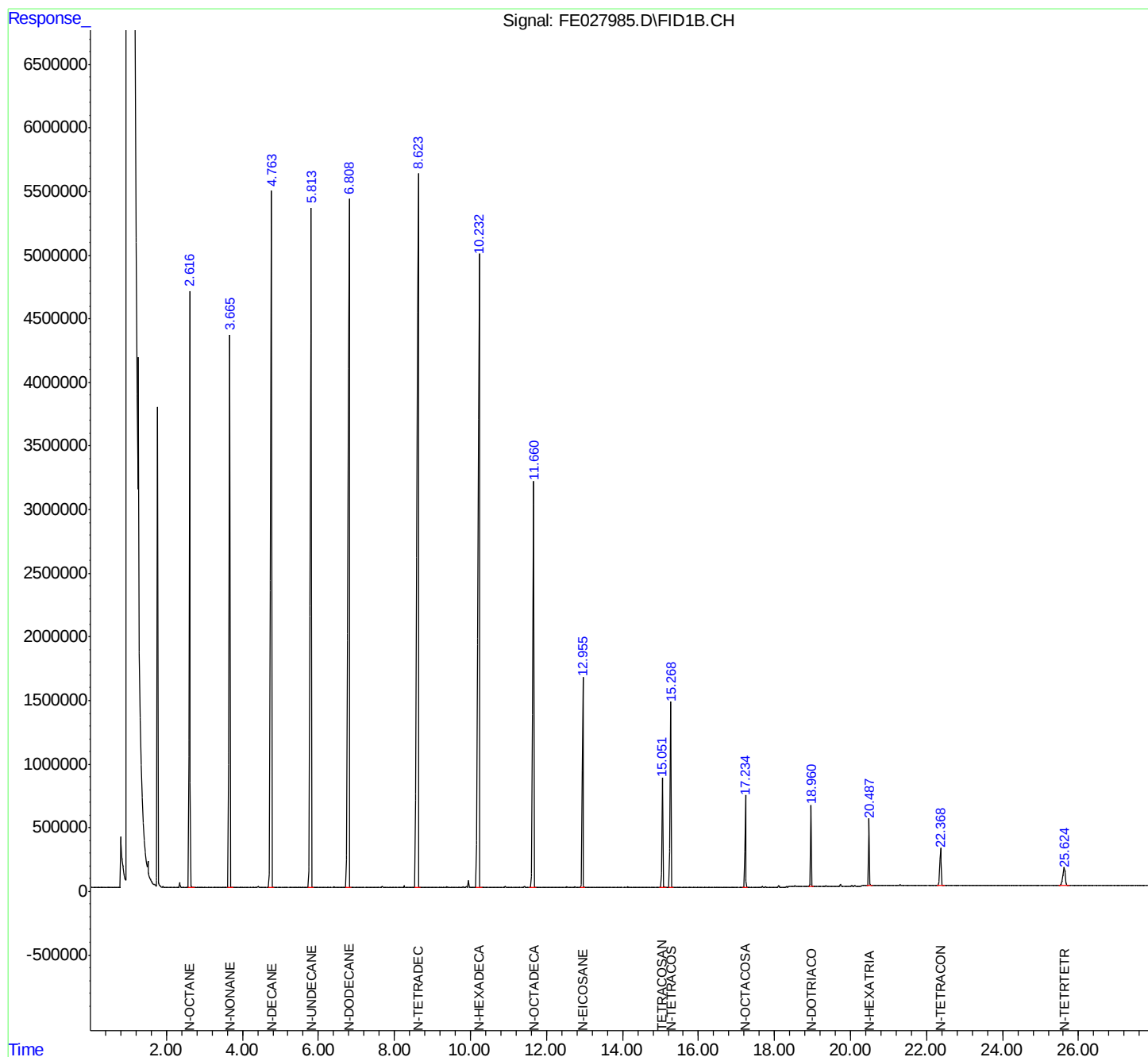
(f)=RT Delta > 1/2 Window

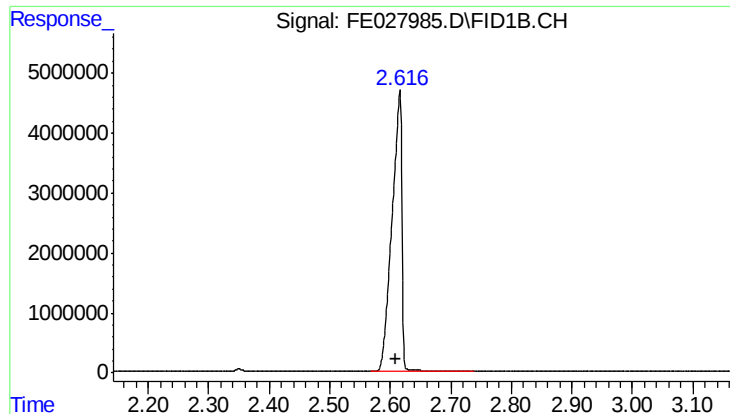
(m)=manual int.

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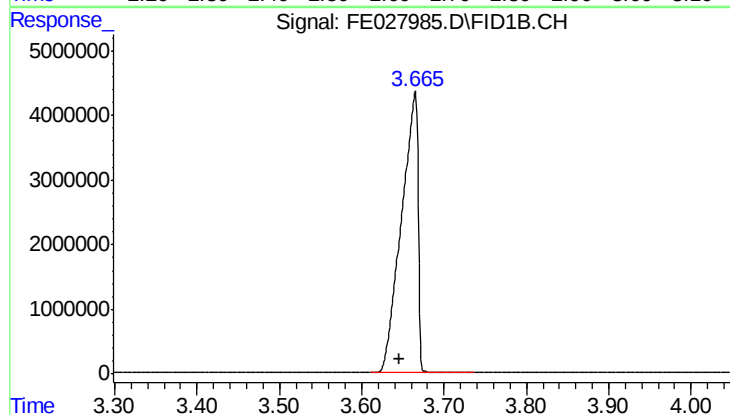
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Signal Phase : Rxi-1ms  
Signal Info : 20m x 0.18mm x 0.18um





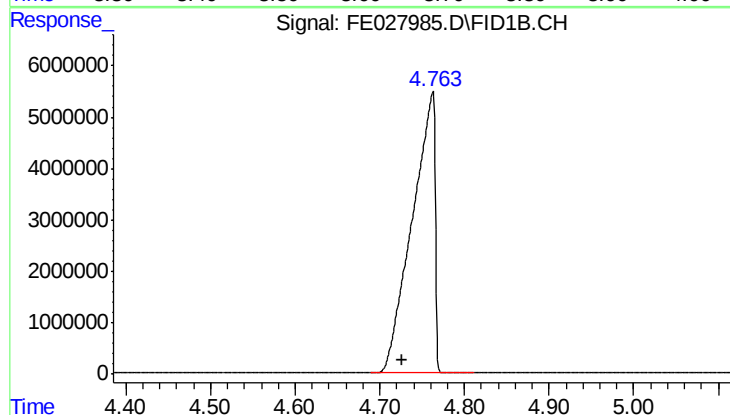
#1 N-OCTANE

R.T.: 2.614 min  
Delta R.T.: 0.004 min  
Response: 52401786  
Conc: 434.00 ug/ml



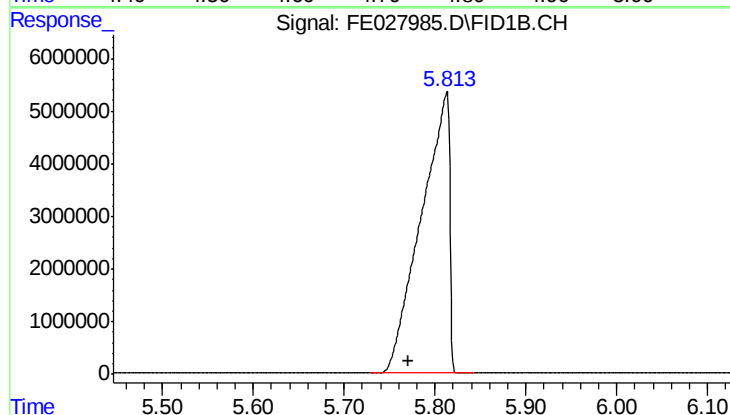
#2 N-NONANE

R.T.: 3.663 min  
Delta R.T.: 0.018 min  
Response: 60318067  
Conc: 454.56 ug/ml



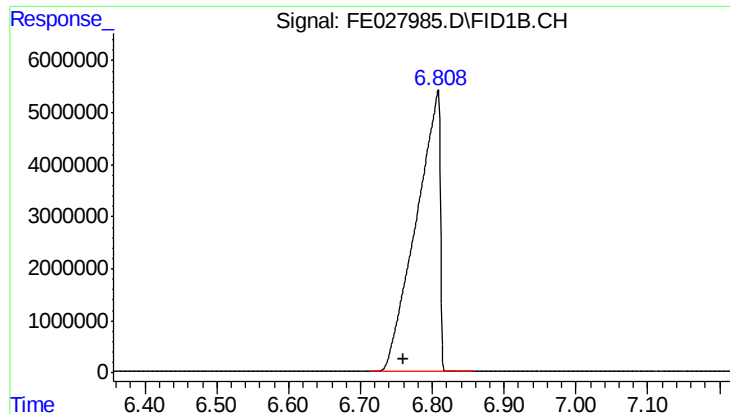
#3 N-DECANE

R.T.: 4.760 min  
Delta R.T.: 0.034 min  
Response: 101931917  
Conc: 472.65 ug/ml



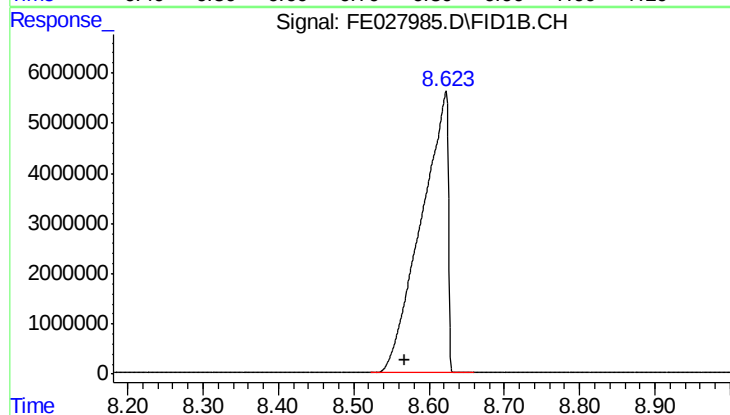
#4 N-UNDECANE

R.T.: 5.811 min  
Delta R.T.: 0.040 min  
Response: 114749948  
Conc: 726.78 ug/ml



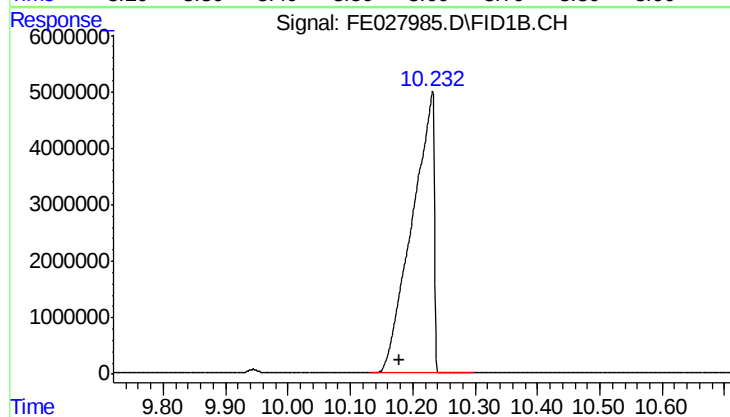
#5 N-DODECANE

R.T.: 6.805 min  
Delta R.T.: 0.046 min  
Response: 124576717  
Conc: 730.44 ug/ml



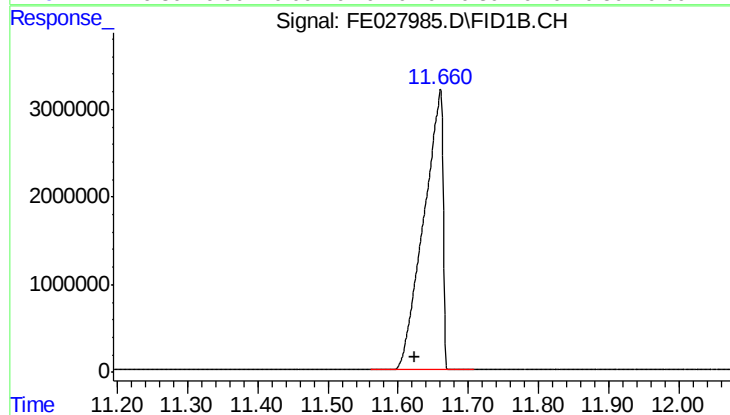
#6 N-TETRADECANE

R.T.: 8.620 min  
Delta R.T.: 0.052 min  
Response: 138803813  
Conc: 697.20 ug/ml



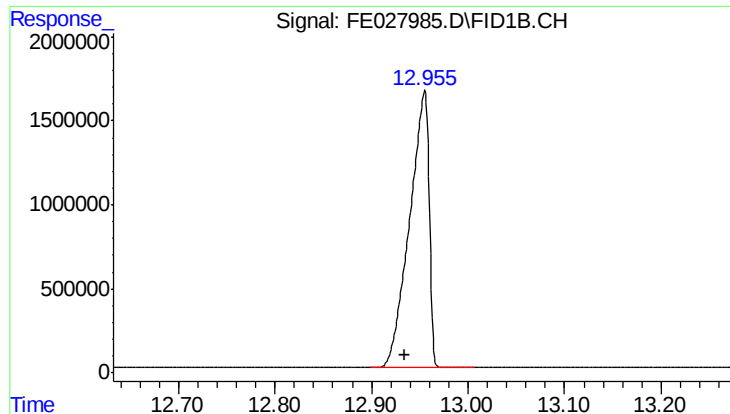
#7 N-HEXADECANE

R.T.: 10.229 min  
Delta R.T.: 0.050 min  
Response: 121526678  
Conc: 527.34 ug/ml



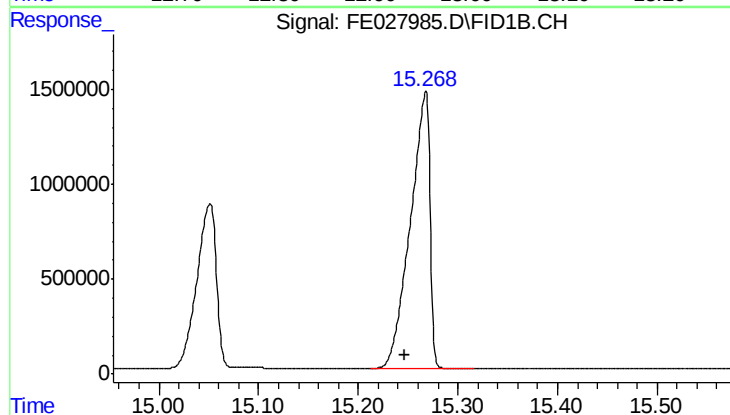
#8 N-OCTADECANE

R.T.: 11.658 min  
Delta R.T.: 0.035 min  
Response: 60470718  
Conc: 234.48 ug/ml



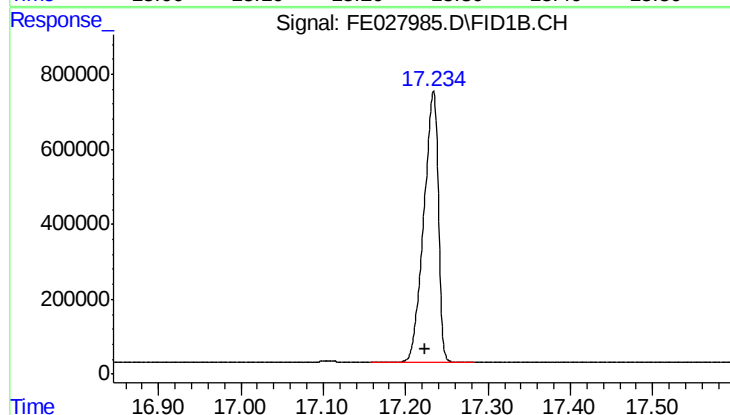
#9 N-EICOSANE

R.T.: 12.954 min  
Delta R.T.: 0.019 min  
Response: 23137620  
Conc: 83.64 ug/ml



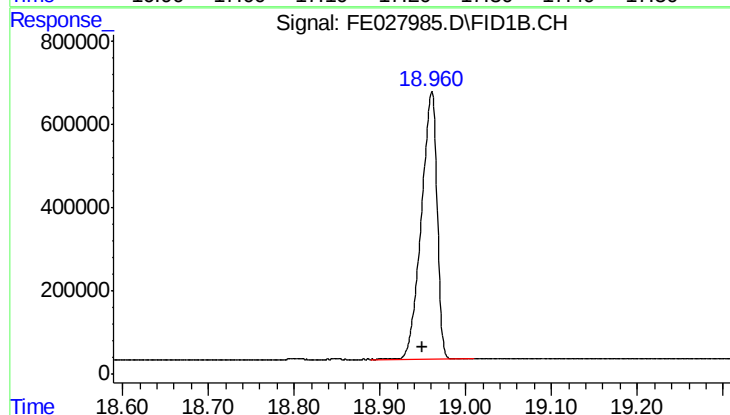
#10 N-TETRACOSANE

R.T.: 15.266 min  
Delta R.T.: 0.019 min  
Response: 19819850  
Conc: 69.83 ug/ml



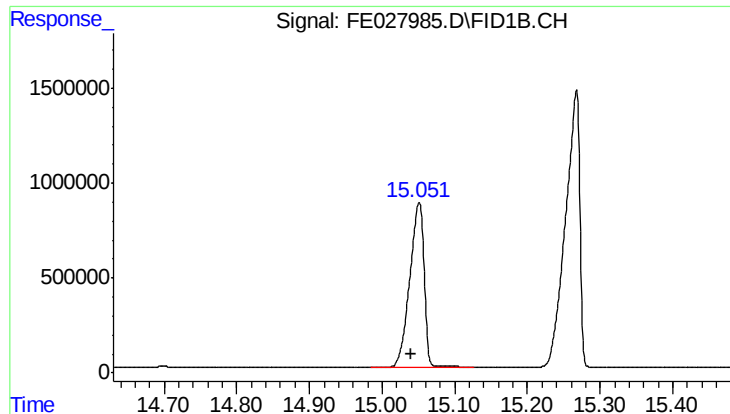
#11 N-OCTACOSANE

R.T.: 17.233 min  
Delta R.T.: 0.010 min  
Response: 8826114  
Conc: 33.11 ug/ml



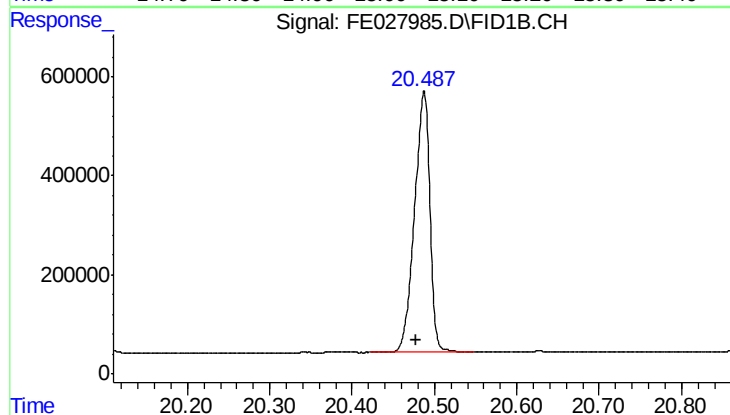
#12 N-DOTRIACONTANE

R.T.: 18.960 min  
Delta R.T.: 0.010 min  
Response: 8182026  
Conc: 35.30 ug/ml



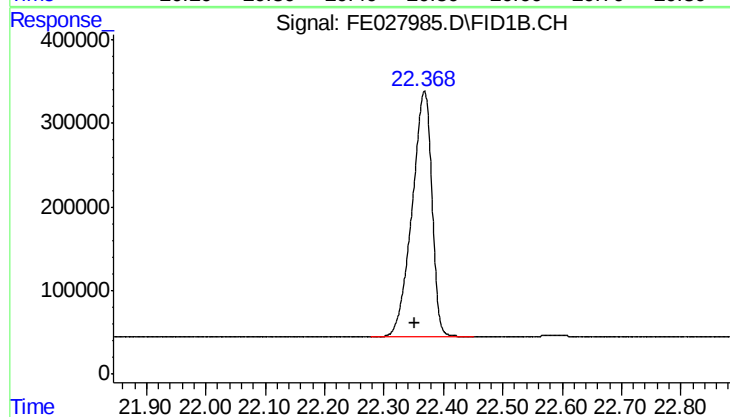
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.050 min  
Delta R.T.: 0.011 min  
Response: 11826264  
Conc: 35.44 ug/ml



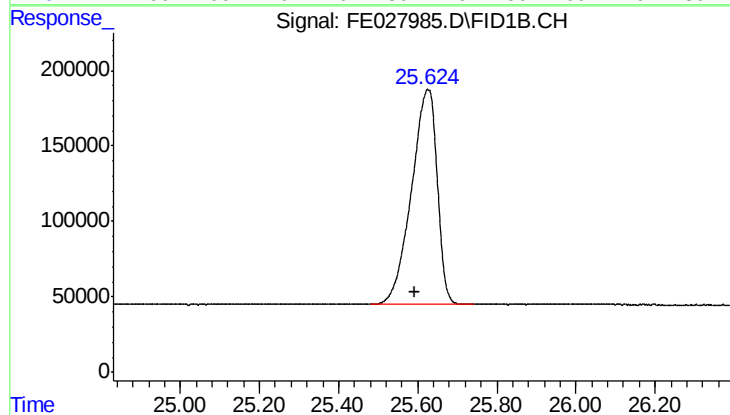
#14 N-HEXATRIACONTANE

R.T.: 20.487 min  
Delta R.T.: 0.009 min  
Response: 6843829  
Conc: 37.07 ug/ml



#15 N-TETRACONTANE

R.T.: 22.368 min  
Delta R.T.: 0.017 min  
Response: 6805310  
Conc: 40.31 ug/ml



#16 N-TETRTETRACOOCTANE

R.T.: 25.626 min  
Delta R.T.: 0.032 min  
Response: 6439798  
Conc: 43.70 ug/ml