

Data Path : P:\HPCHEM1\FID E\Data\FE030818\  
 Data File : FE026417.D  
 Signal(s) : FID1B.CH  
 Acq On : 08 Mar 2018 19:36  
 Operator : UA/AJ  
 Sample : 4400 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 09 04:17:34 2018  
 Quant Method : P:\HPCHEM1\FID\_E\methods\C44-FE022618.M  
 Quant Title :  
 QLast Update : Tue Feb 27 00:52:02 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... | 14.712 | 7153142  | 45.782 ug/ml  |
| Target Compounds            |                          |        |          |               |
| 1)                          | N-OCTANE                 | 2.434  | 38338694 | 390.526 ug/ml |
| 2)                          | N-NONANE                 | 3.428  | 42165903 | 417.600 ug/ml |
| 3)                          | N-DECANE                 | 4.495  | 66480775 | 427.928 ug/ml |
| 4)                          | N-UNDECANE               | 5.531  | 71958413 | 647.162 ug/ml |
| 5)                          | N-DODECANE               | 6.515  | 72964592 | 646.696 ug/ml |
| 6)                          | N-TETRADECANE            | 8.312  | 74388637 | 633.922 ug/ml |
| 7)                          | N-HEXADECANE             | 9.908  | 63949254 | 512.012 ug/ml |
| 8)                          | N-OCTADECANE             | 11.332 | 31981117 | 244.162 ug/ml |
| 9)                          | N-EICOSANE               | 12.625 | 12711926 | 94.784 ug/ml  |
| 10)                         | N-TETRACOSANE            | 14.923 | 11988847 | 91.709 ug/ml  |
| 11)                         | N-OCTACOSANE             | 16.883 | 6059053  | 49.084 ug/ml  |
| 12)                         | N-DOTRIACONTANE          | 18.602 | 6195379  | 52.514 ug/ml  |
| 14)                         | N-HEXATRIACONTANE        | 20.125 | 6073717  | 51.494 ug/ml  |
| 15)                         | N-TETRACONTANE           | 21.766 | 5338709  | 54.487 ug/ml  |
| 16)                         | N-TETRTETRACOOCTANE      | 24.499 | 4335207  | 59.871 ug/ml  |
| -----                       |                          |        |          |               |

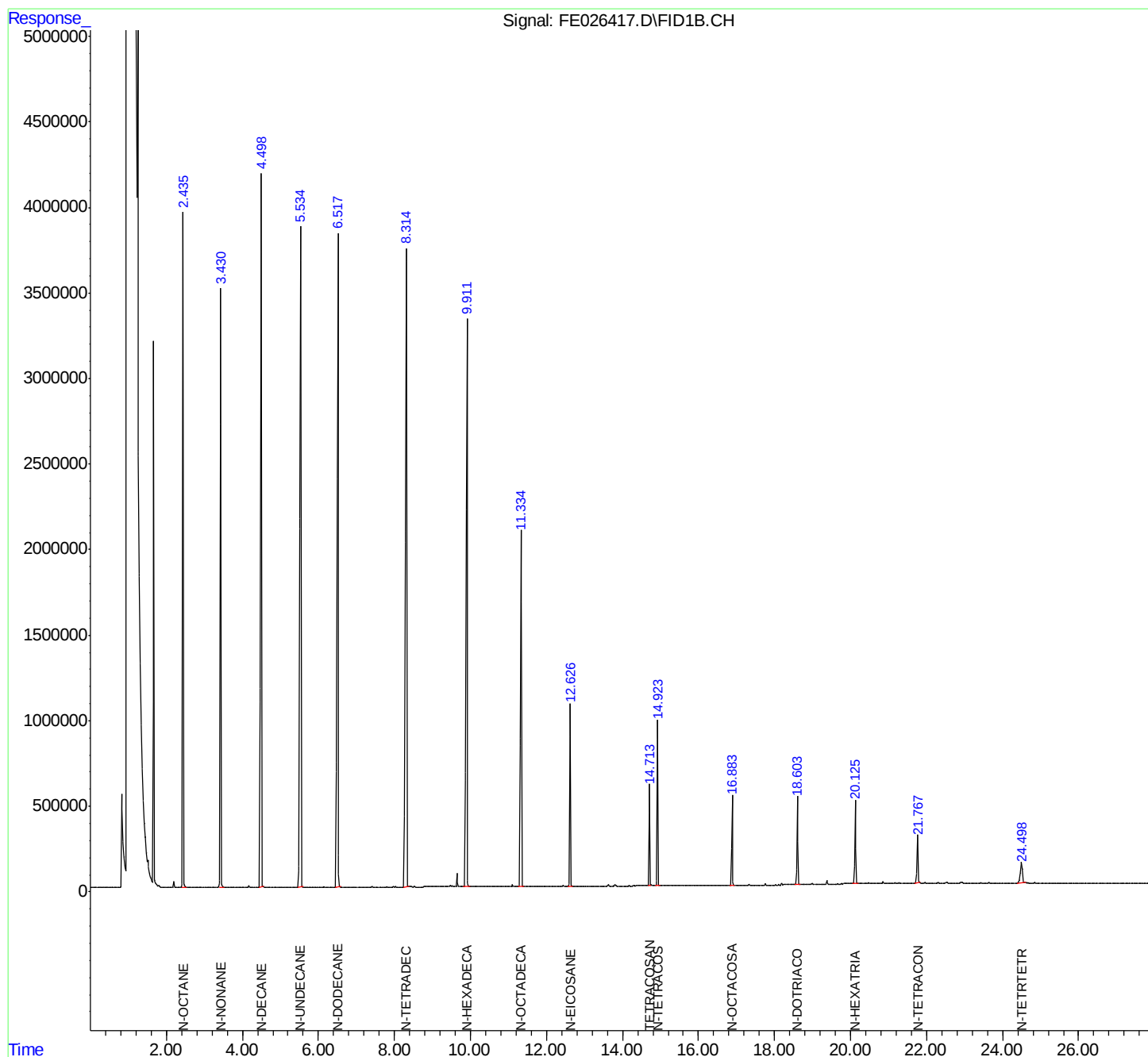
(f)=RT Delta > 1/2 Window

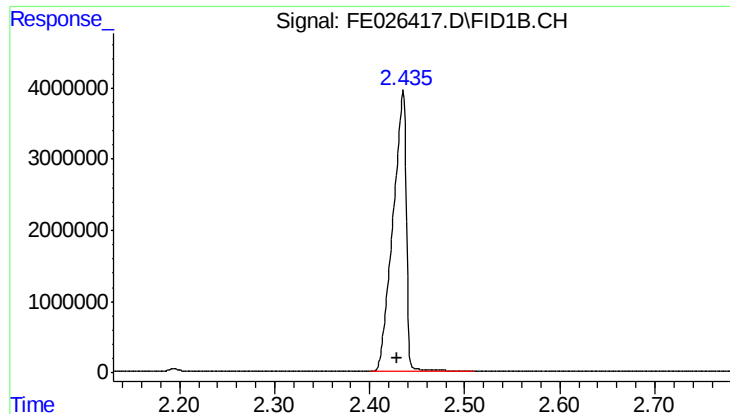
(m)=manual int.

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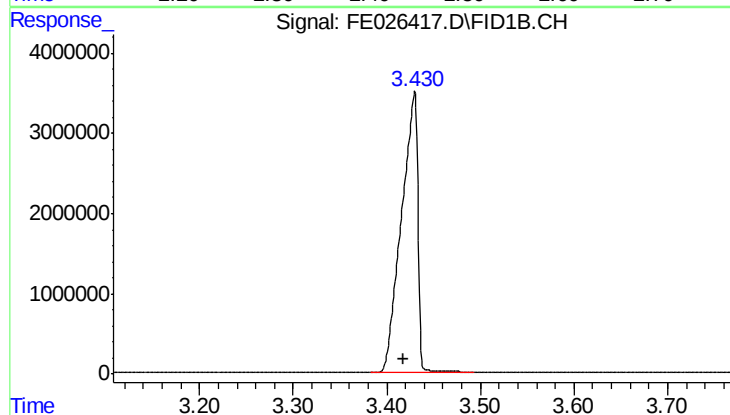
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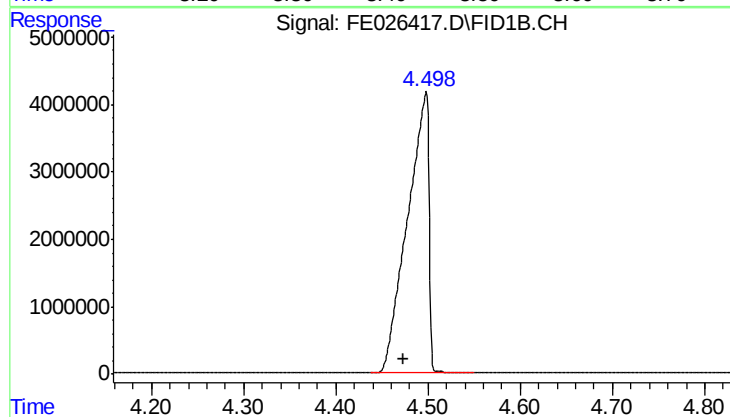
#1 N-OCTANE

R.T.: 2.434 min  
Delta R.T.: 0.004 min  
Response: 38338694  
Conc: 390.53 ug/ml



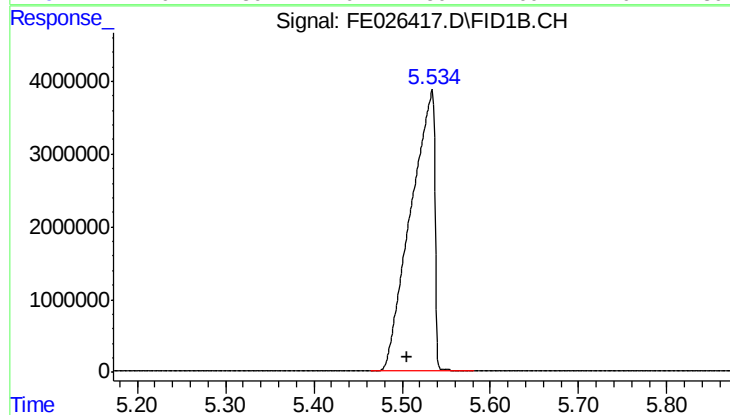
#2 N-NONANE

R.T.: 3.428 min  
Delta R.T.: 0.010 min  
Response: 42165903  
Conc: 417.60 ug/ml



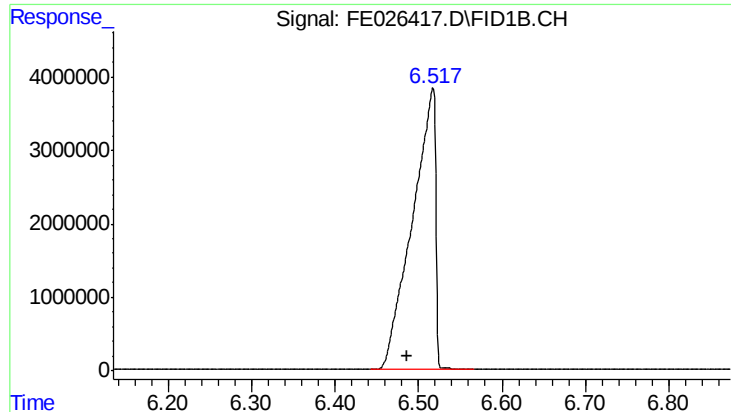
#3 N-DECANE

R.T.: 4.495 min  
Delta R.T.: 0.022 min  
Response: 66480775  
Conc: 427.93 ug/ml



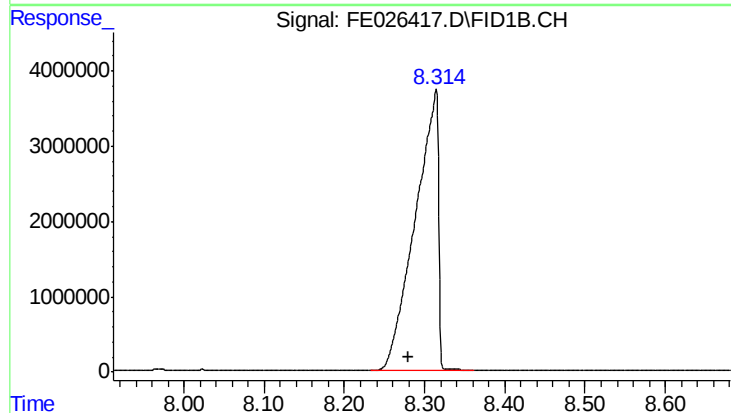
#4 N-UNDECANE

R.T.: 5.531 min  
Delta R.T.: 0.025 min  
Response: 71958413  
Conc: 647.16 ug/ml



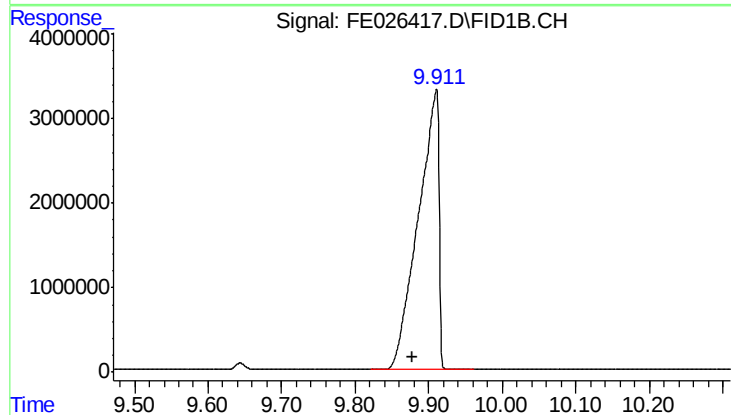
#5 N-DODECANE

R.T.: 6.515 min  
Delta R.T.: 0.028 min  
Response: 72964592  
Conc: 646.70 ug/ml



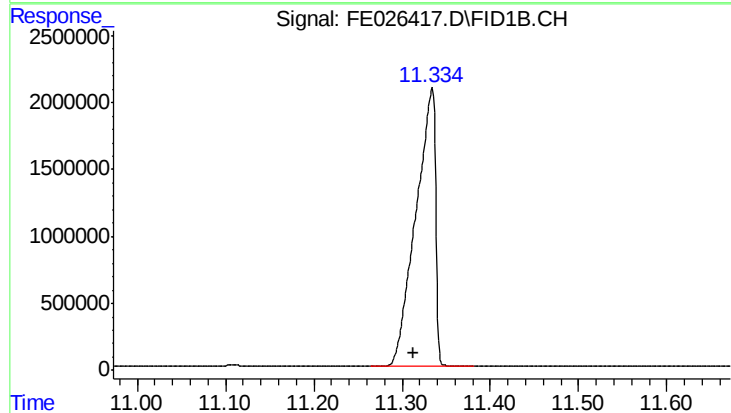
#6 N-TETRADECANE

R.T.: 8.312 min  
Delta R.T.: 0.032 min  
Response: 74388637  
Conc: 633.92 ug/ml



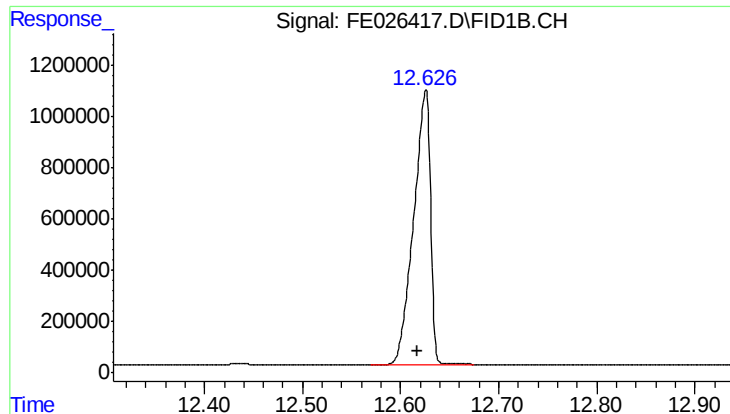
#7 N-HEXADECANE

R.T.: 9.908 min  
Delta R.T.: 0.031 min  
Response: 63949254  
Conc: 512.01 ug/ml



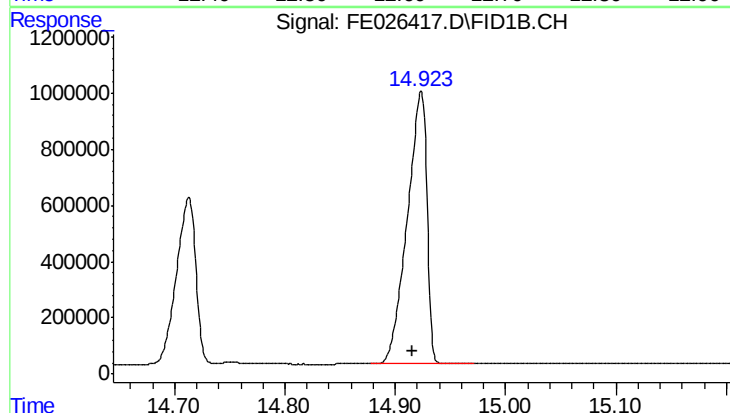
#8 N-OCTADECANE

R.T.: 11.332 min  
Delta R.T.: 0.019 min  
Response: 31981117  
Conc: 244.16 ug/ml



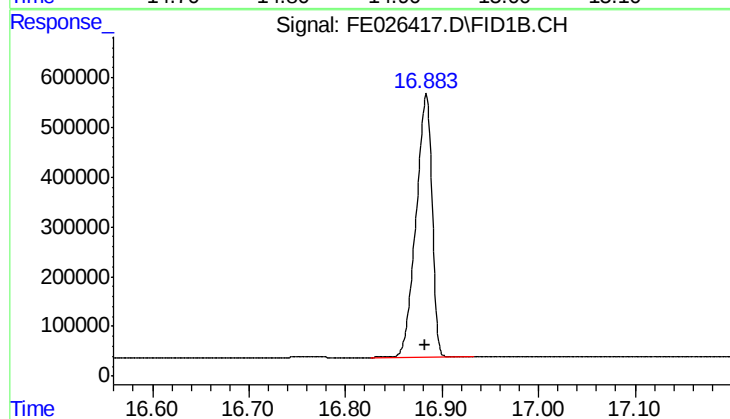
#9 N-EICOSANE

R.T.: 12.625 min  
Delta R.T.: 0.007 min  
Response: 12711926  
Conc: 94.78 ug/ml



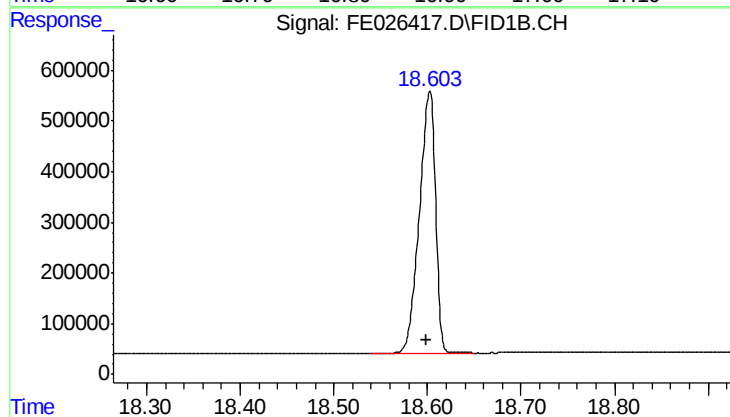
#10 N-TETRACOSANE

R.T.: 14.923 min  
Delta R.T.: 0.007 min  
Response: 11988847  
Conc: 91.71 ug/ml



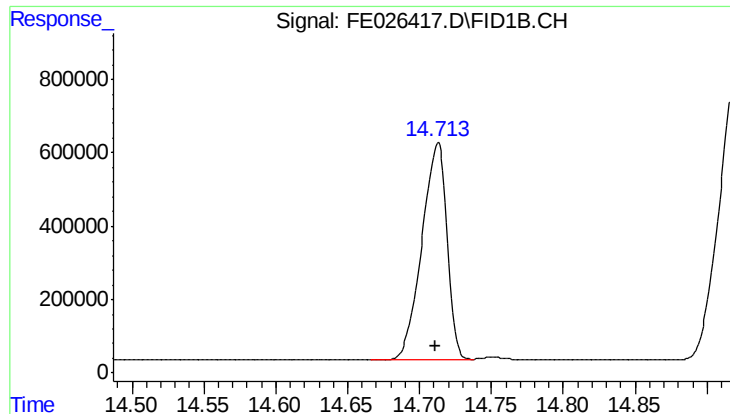
#11 N-OCTACOSANE

R.T.: 16.883 min  
Delta R.T.: 0.001 min  
Response: 6059053  
Conc: 49.08 ug/ml



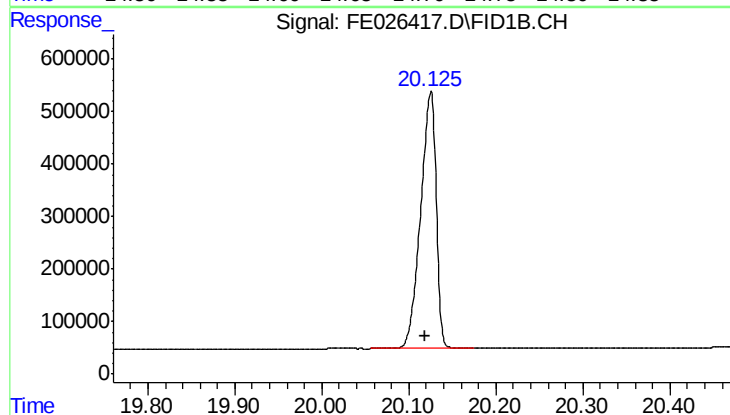
#12 N-DOTRIACONTANE

R.T.: 18.602 min  
Delta R.T.: 0.004 min  
Response: 6195379  
Conc: 52.51 ug/ml



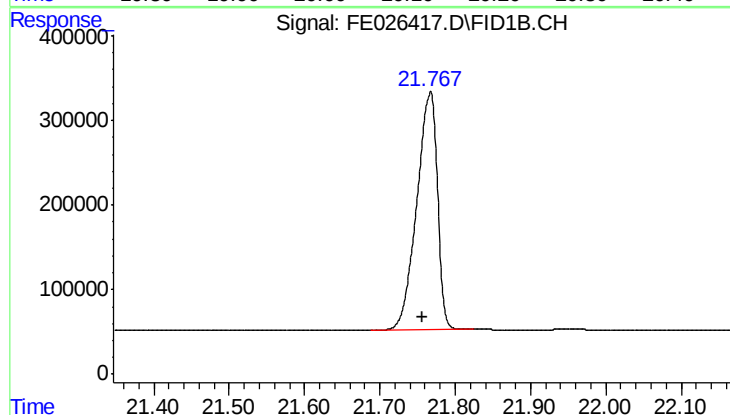
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.712 min  
Delta R.T.: 0.002 min  
Response: 7153142  
Conc: 45.78 ug/ml



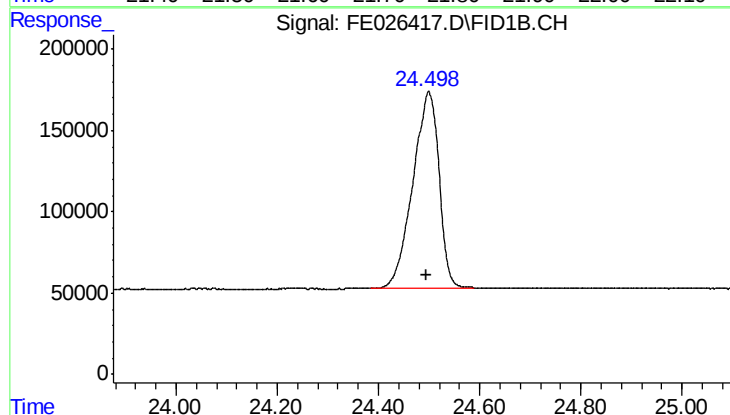
#14 N-HEXATRIACONTANE

R.T.: 20.125 min  
Delta R.T.: 0.006 min  
Response: 6073717  
Conc: 51.49 ug/ml



#15 N-TETRACONTANE

R.T.: 21.766 min  
Delta R.T.: 0.010 min  
Response: 5338709  
Conc: 54.49 ug/ml



#16 N-TETRTETRACOOCTANE

R.T.: 24.499 min  
Delta R.T.: 0.004 min  
Response: 4335207  
Conc: 59.87 ug/ml