

Data Path : P:\HPCHEM1\FID E\Data\FE012918\  
 Data File : FE025970.D  
 Signal(s) : FID1B.CH  
 Acq On : 29 Jan 2018 23:34  
 Operator : UA/AJ  
 Sample : 4400 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 30 02:48:25 2018  
 Quant Method : P:\HPCHEM1\FID\_E\methods\C44-FE012918.M  
 Quant Title :  
 QLast Update : Tue Jan 30 01:48:10 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... | 14.768 | 8573715  | 51.636 ug/ml  |
| Target Compounds            |                          |        |          |               |
| 1)                          | N-OCTANE                 | 2.471  | 42052718 | 421.342 ug/ml |
| 2)                          | N-NONANE                 | 3.475  | 44796992 | 428.982 ug/ml |
| 3)                          | N-DECANE                 | 4.547  | 70693215 | 434.512 ug/ml |
| 4)                          | N-UNDECANE               | 5.586  | 77761096 | 658.836 ug/ml |
| 5)                          | N-DODECANE               | 6.570  | 80516287 | 662.577 ug/ml |
| 6)                          | N-TETRADECANE            | 8.369  | 85400026 | 658.582 ug/ml |
| 7)                          | N-HEXADECANE             | 9.968  | 75854621 | 536.397 ug/ml |
| 8)                          | N-OCTADECANE             | 11.391 | 38909032 | 260.002 ug/ml |
| 9)                          | N-EICOSANE               | 12.681 | 15683139 | 102.078 ug/ml |
| 10)                         | N-TETRACOSANE            | 14.980 | 14069875 | 102.946 ug/ml |
| 11)                         | N-OCTACOSANE             | 16.937 | 5740958  | 50.927 ug/ml  |
| 12)                         | N-DOTRIACONTANE          | 18.654 | 5959936  | 50.463 ug/ml  |
| 14)                         | N-HEXATRIACONTANE        | 20.176 | 5823389  | 50.770 ug/ml  |
| 15)                         | N-TETRACONTANE           | 21.848 | 5421008  | 44.452 ug/ml  |
| 16)                         | N-TETRTETRACOOCTANE      | 24.660 | 4587453  | 40.844 ug/ml  |
| -----                       |                          |        |          |               |

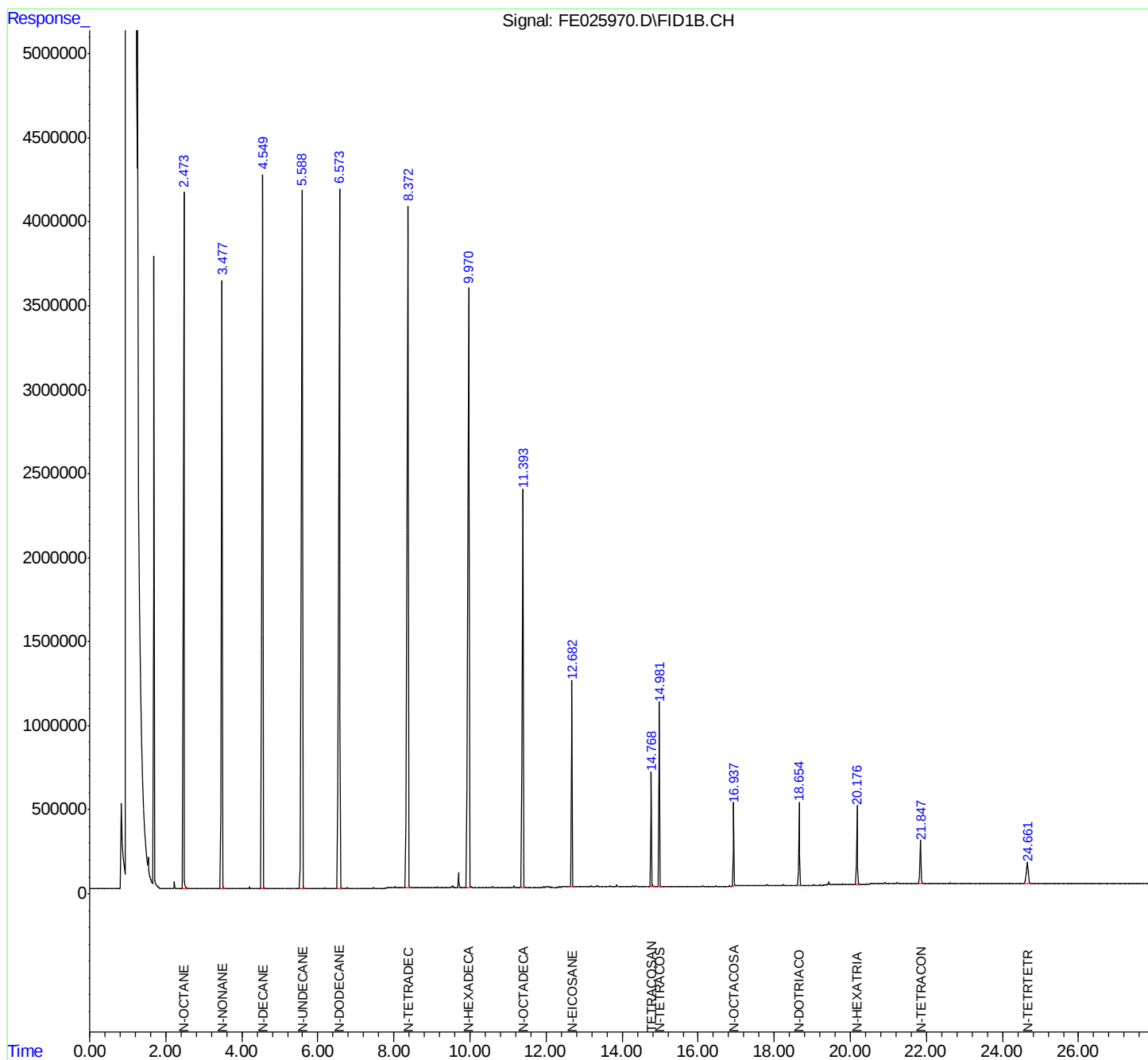
(f)=RT Delta > 1/2 Window

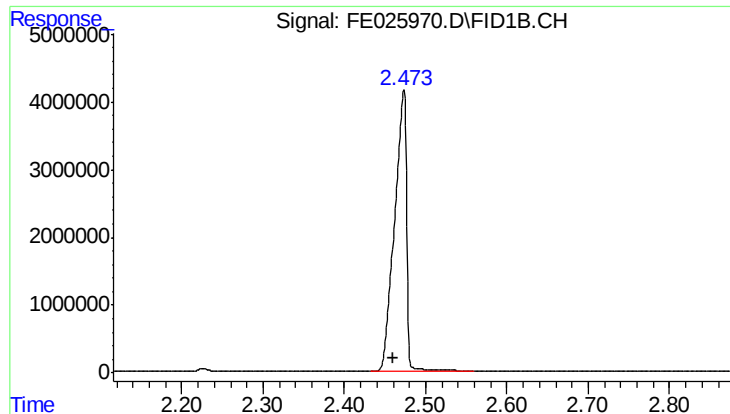
(m)=manual int.

Data Path : P:\HPCHEM1\FID E\Data\FE012918\  
Data File : FE025970.D  
Signal(s) : FID1B.CH  
Acq On : 29 Jan 2018 23:34  
Operator : UA/AJ  
Sample : 4400 PPM TRPH STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
Quant Time: Jan 30 02:48:25 2018  
Quant Method : P:\HPCHEM1\FID\_E\methods\C44-FE012918.M  
Quant Title :  
QLast Update : Tue Jan 30 01:48:10 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

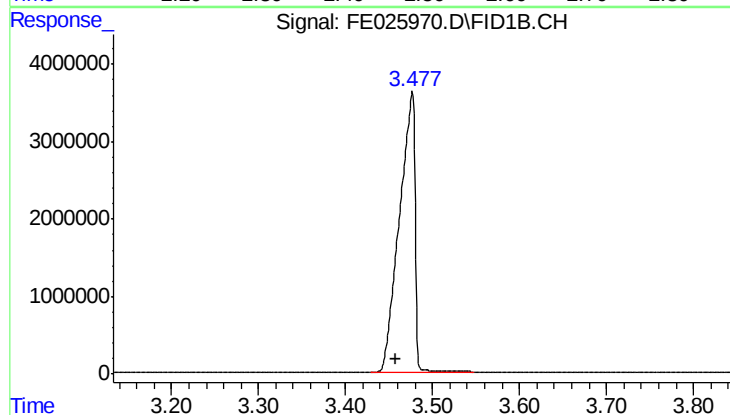
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20m x 0.18mm x 0.18um





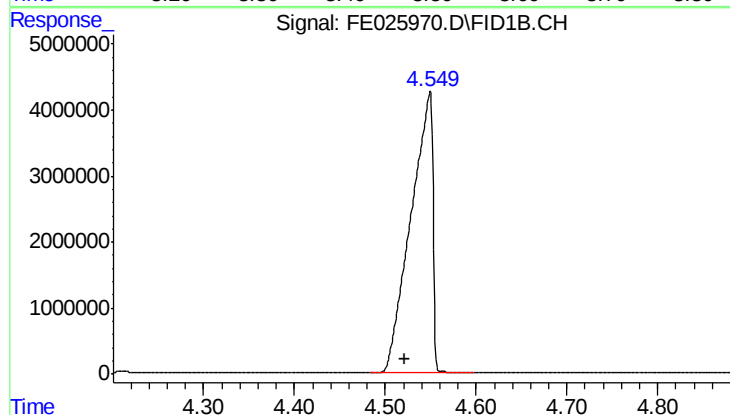
#1 N-OCTANE

R.T.: 2.471 min  
Delta R.T.: 0.011 min  
Response: 42052718  
Conc: 421.34 ug/ml



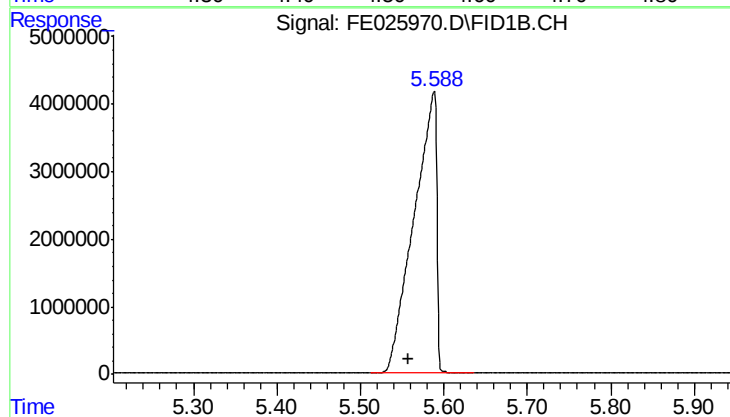
#2 N-NONANE

R.T.: 3.475 min  
Delta R.T.: 0.017 min  
Response: 44796992  
Conc: 428.98 ug/ml



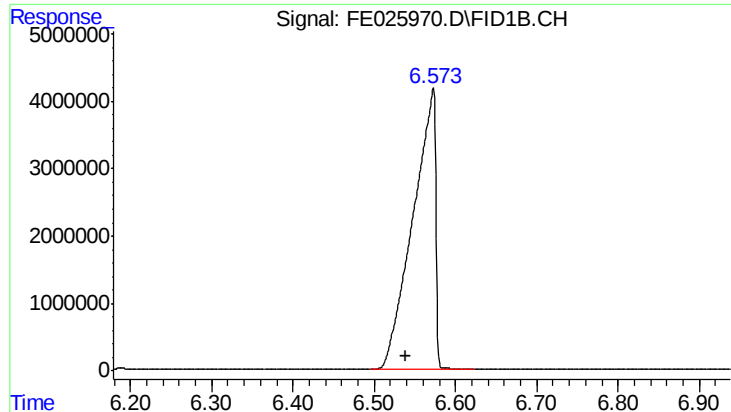
#3 N-DECANE

R.T.: 4.547 min  
Delta R.T.: 0.025 min  
Response: 70693215  
Conc: 434.51 ug/ml



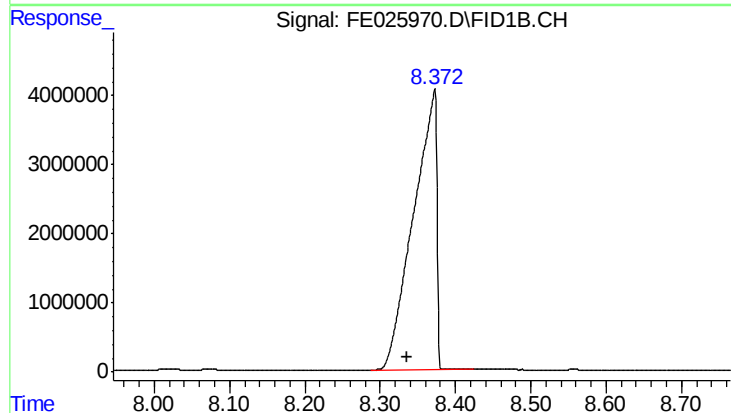
#4 N-UNDECANE

R.T.: 5.586 min  
Delta R.T.: 0.029 min  
Response: 77761096  
Conc: 658.84 ug/ml



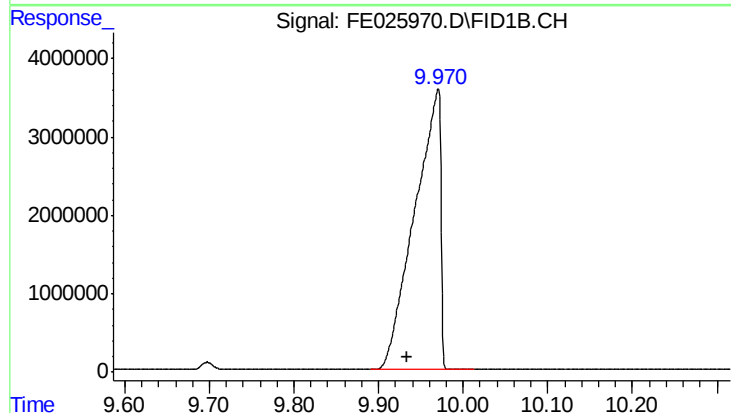
#5 N-DODECANE

R.T.: 6.570 min  
Delta R.T.: 0.031 min  
Response: 80516287  
Conc: 662.58 ug/ml



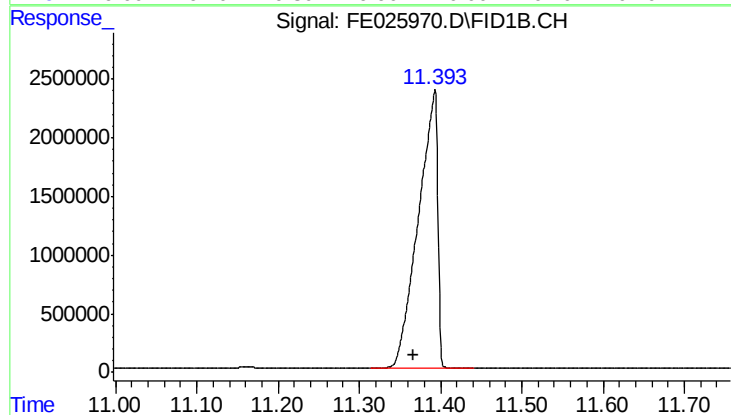
#6 N-TETRADECANE

R.T.: 8.369 min  
Delta R.T.: 0.034 min  
Response: 85400026  
Conc: 658.58 ug/ml



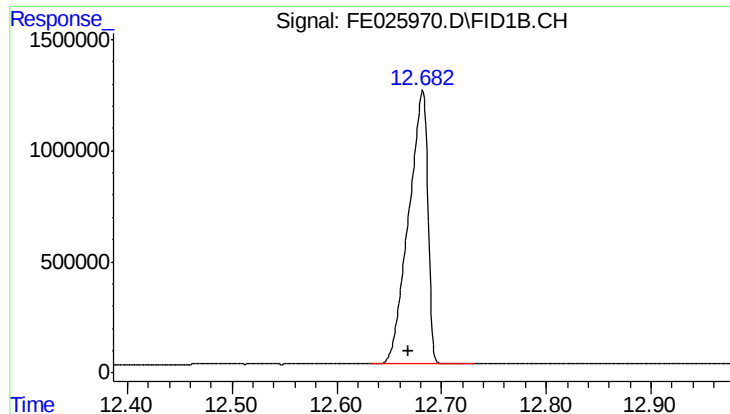
#7 N-HEXADECANE

R.T.: 9.968 min  
Delta R.T.: 0.034 min  
Response: 75854621  
Conc: 536.40 ug/ml



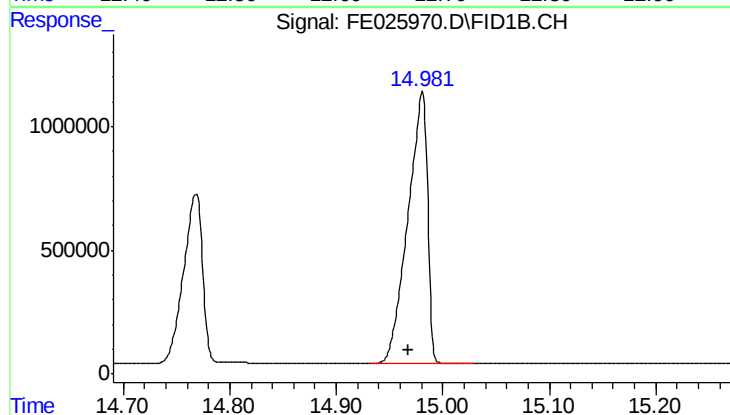
#8 N-OCTADECANE

R.T.: 11.391 min  
Delta R.T.: 0.024 min  
Response: 38909032  
Conc: 260.00 ug/ml



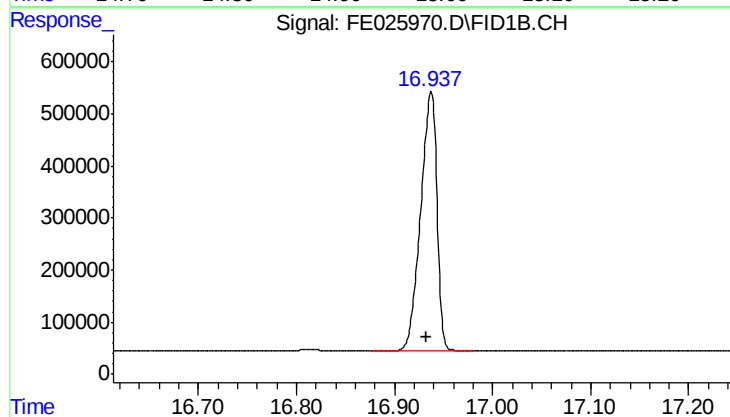
#9 N-EICOSANE

R.T.: 12.681 min  
Delta R.T.: 0.012 min  
Response: 15683139  
Conc: 102.08 ug/ml



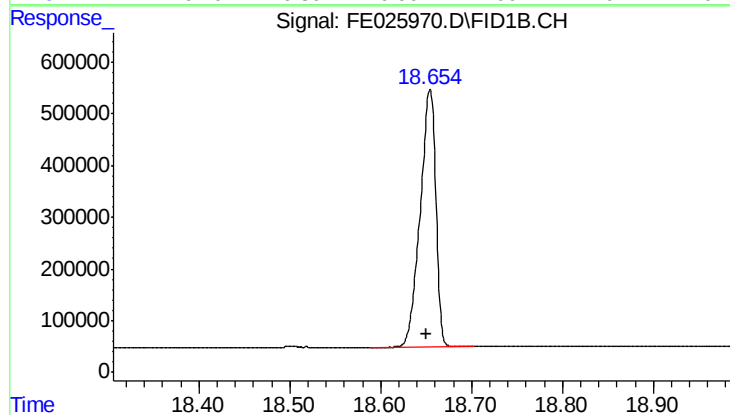
#10 N-TETRACOSANE

R.T.: 14.980 min  
Delta R.T.: 0.012 min  
Response: 14069875  
Conc: 102.95 ug/ml



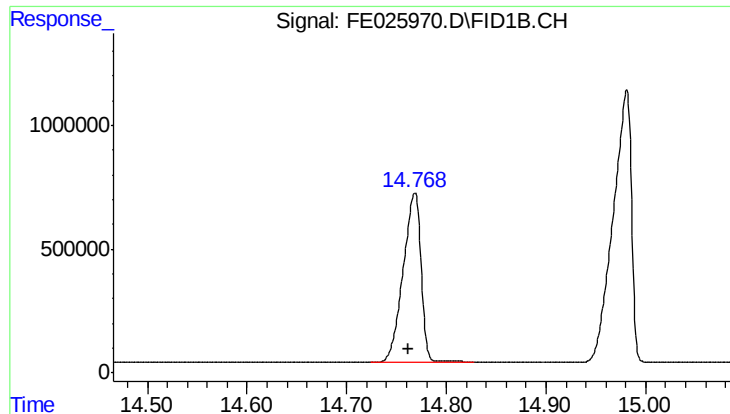
#11 N-OCTACOSANE

R.T.: 16.937 min  
Delta R.T.: 0.004 min  
Response: 5740958  
Conc: 50.93 ug/ml



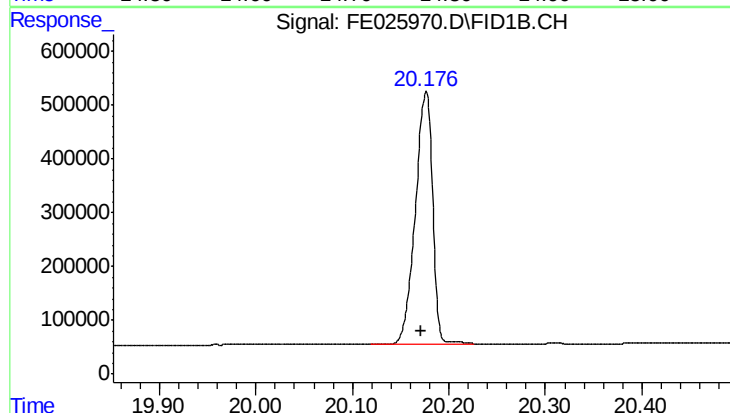
#12 N-DOTRIACONTANE

R.T.: 18.654 min  
Delta R.T.: 0.004 min  
Response: 5959936  
Conc: 50.46 ug/ml



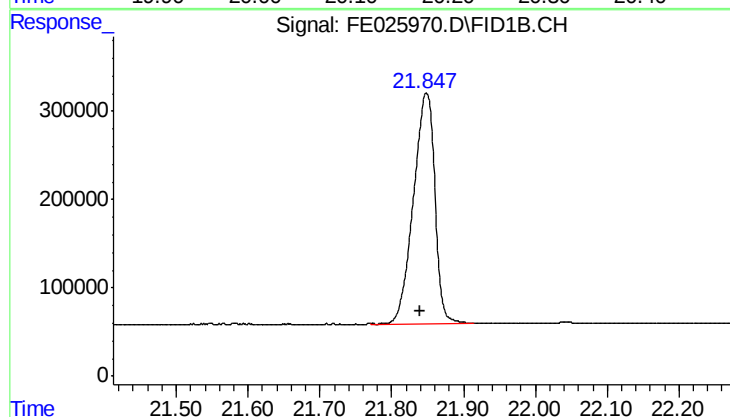
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.768 min  
Delta R.T.: 0.006 min  
Response: 8573715  
Conc: 51.64 ug/ml



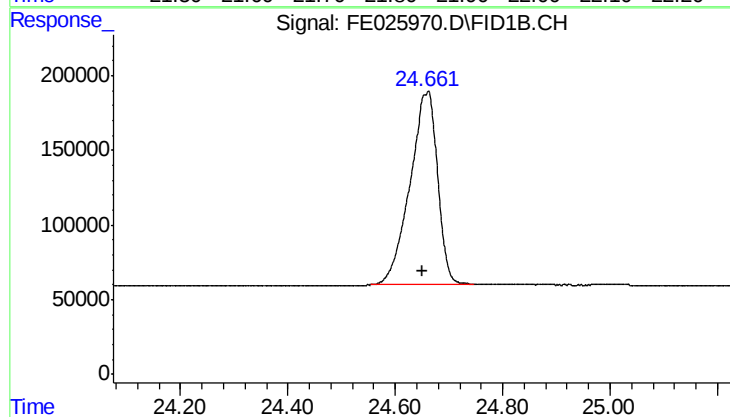
#14 N-HEXATRIACONTANE

R.T.: 20.176 min  
Delta R.T.: 0.005 min  
Response: 5823389  
Conc: 50.77 ug/ml



#15 N-TETRACONTANE

R.T.: 21.848 min  
Delta R.T.: 0.009 min  
Response: 5421008  
Conc: 44.45 ug/ml



#16 N-TETRTETRACOOCTANE

R.T.: 24.660 min  
Delta R.T.: 0.009 min  
Response: 4587453  
Conc: 40.84 ug/ml