

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF121718\  
 Data File : FF003027.D  
 Signal(s) : FID2B.ch  
 Acq On : 17 Dec 2018 09:32  
 Operator : AJ\SJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 17 14:15:21 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF120418.M  
 Quant Title :  
 QLast Update : Tue Dec 04 16:40:56 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1uL  
 Signal Phase : Rxi-1ms  
 Signal Info : 20mx0.18mmx0.18um

| Compound                      | R.T.   | Response | Conc Units    |
|-------------------------------|--------|----------|---------------|
| -----                         |        |          |               |
| System Monitoring Compounds   |        |          |               |
| 9) S TETRACOSANE-d50 (SURR... | 14.641 | 6727743  | 51.821 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.259  | 8128633  | 52.546 ug/ml  |
| 2) N-DECANE                   | 4.363  | 8603844  | 54.918 ug/ml  |
| 3) N-DODECANE                 | 6.386  | 8582623  | 54.048 ug/ml  |
| 4) N-TETRADECANE              | 8.180  | 8471245  | 52.850 ug/ml  |
| 5) N-HEXADECANE               | 9.782  | 8363264  | 52.223 ug/ml  |
| 6) N-OCTADECANE               | 11.225 | 8211690  | 51.836 ug/ml  |
| 7) N-EICOSANE                 | 12.537 | 7945165  | 51.515 ug/ml  |
| 8) N-DOCOSANE                 | 13.739 | 7688580  | 51.418 ug/ml  |
| 10) N-TETRACOSANE             | 14.845 | 7535638  | 52.144 ug/ml  |
| 11) N-HEXACOSANE              | 15.869 | 7303987  | 52.329 ug/ml  |
| 12) N-OCTACOSANE              | 16.821 | 7255164  | 54.149 ug/ml  |
| 13) N-TRIACONTANE             | 17.711 | 7322644  | 57.148 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.546 | 7313100  | 61.238 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.333 | 7285874  | 64.286 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.077 | 7031475  | 65.168 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.819 | 6501610  | 64.058 ug/mlm |
| 18) N-TETRACONTANE            | 21.718 | 6635054  | 63.128 ug/mlm |
| -----                         |        |          |               |

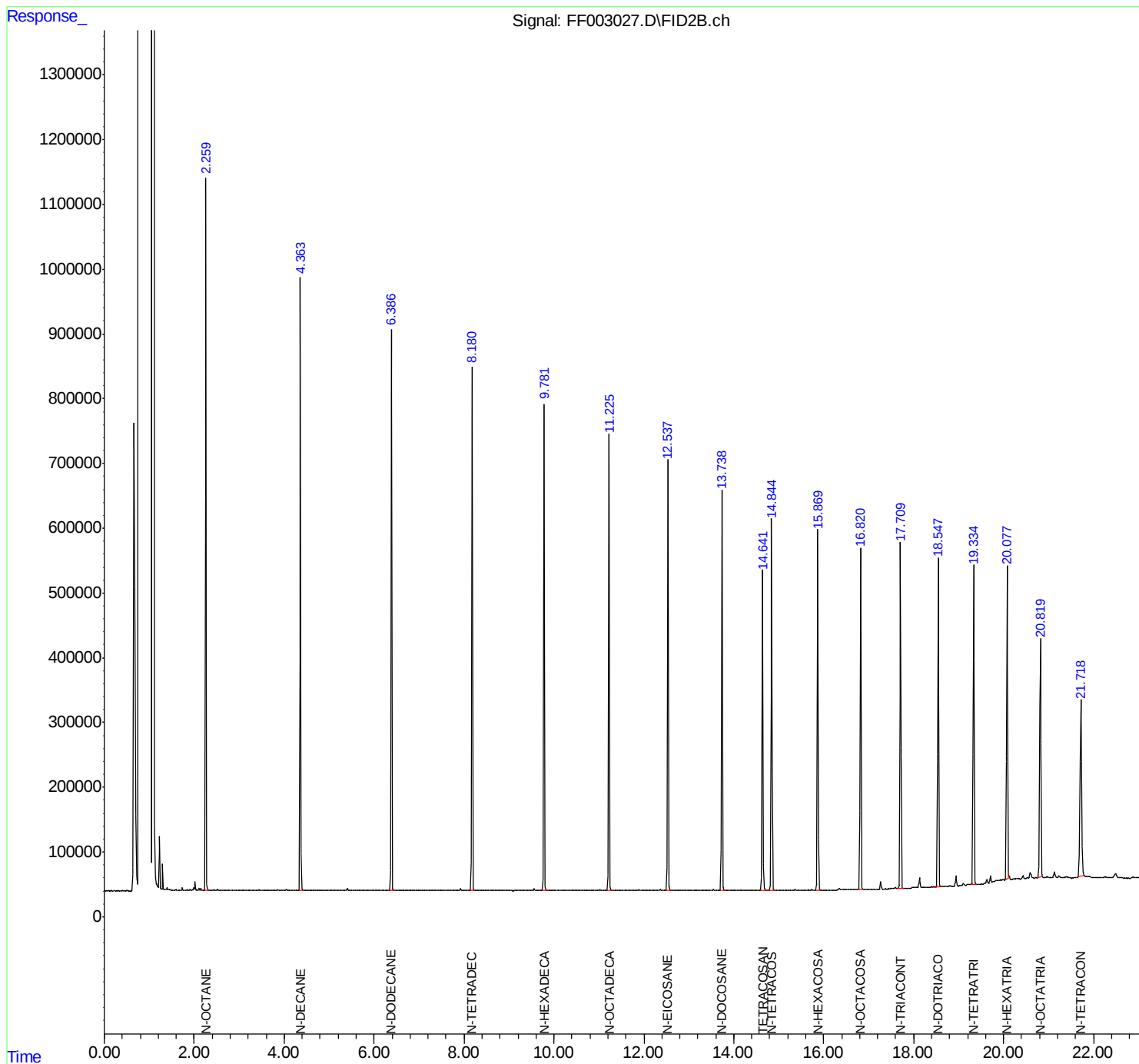
(f)=RT Delta > 1/2 Window

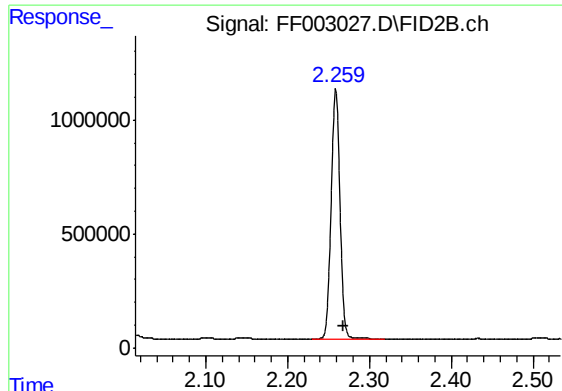
(m)=manual int.

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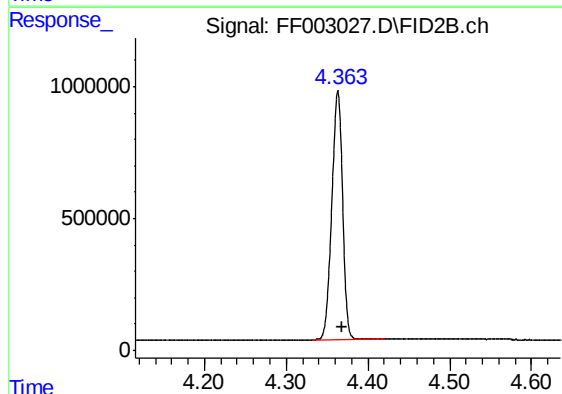
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





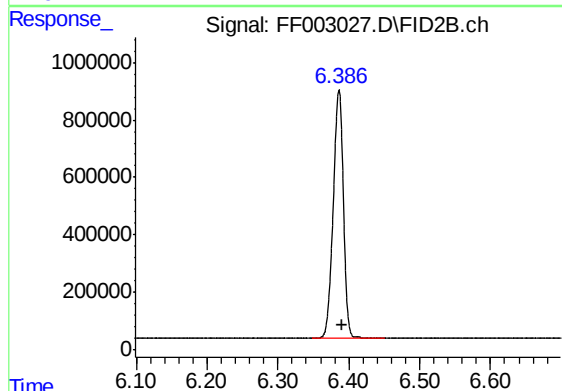
#1 N-OCTANE

R.T.: 2.259 min  
Delta R.T.: -0.009 min  
Response: 8128633  
Conc: 52.55 ug/ml



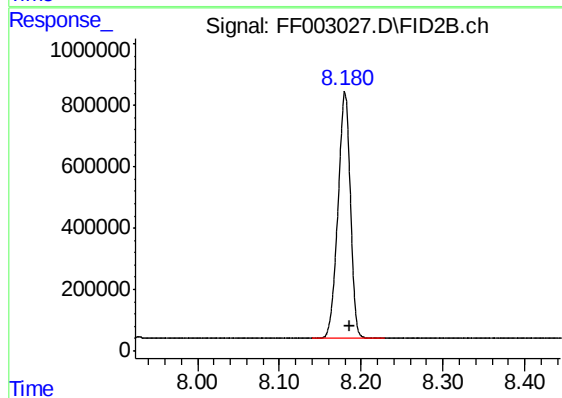
#2 N-DECANE

R.T.: 4.363 min  
Delta R.T.: -0.004 min  
Response: 8603844  
Conc: 54.92 ug/ml



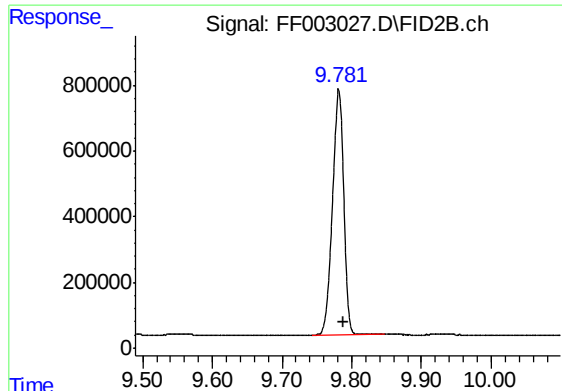
#3 N-DODECANE

R.T.: 6.386 min  
Delta R.T.: -0.005 min  
Response: 8582623  
Conc: 54.05 ug/ml



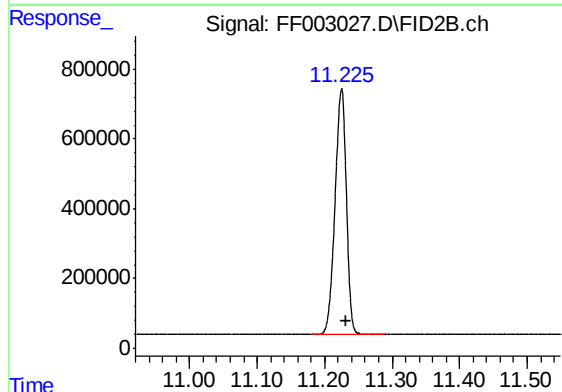
#4 N-TETRADECANE

R.T.: 8.180 min  
Delta R.T.: -0.005 min  
Response: 8471245  
Conc: 52.85 ug/ml



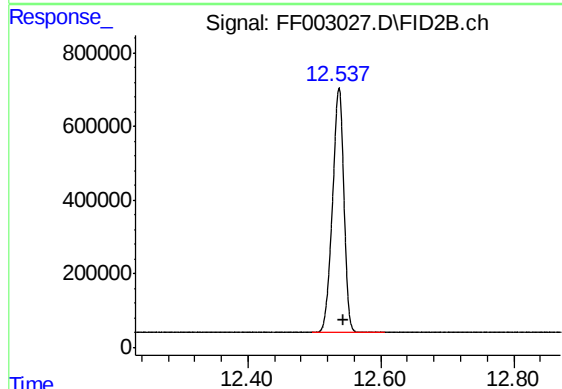
#5 N-HEXADECANE

R.T.: 9.782 min  
Delta R.T.: -0.006 min  
Response: 8363264  
Conc: 52.22 ug/ml



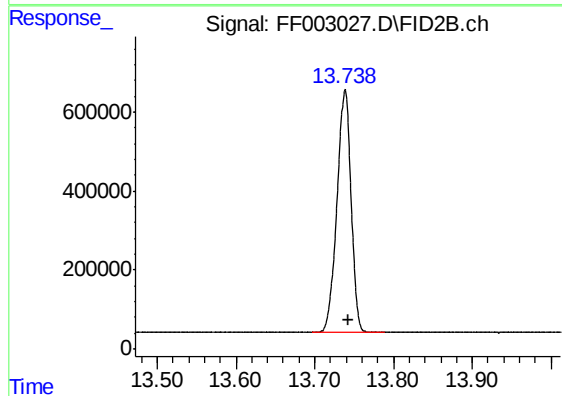
#6 N-OCTADECANE

R.T.: 11.225 min  
Delta R.T.: -0.006 min  
Response: 8211690  
Conc: 51.84 ug/ml



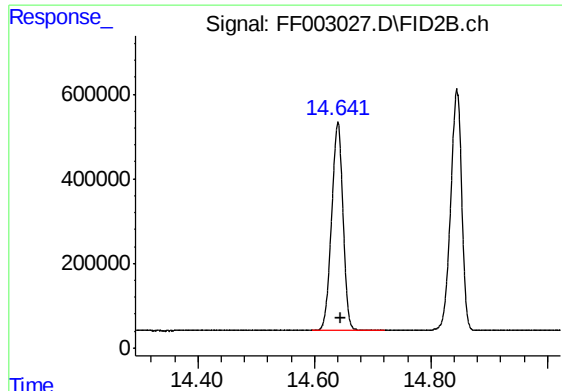
#7 N-EICOSANE

R.T.: 12.537 min  
Delta R.T.: -0.006 min  
Response: 7945165  
Conc: 51.52 ug/ml



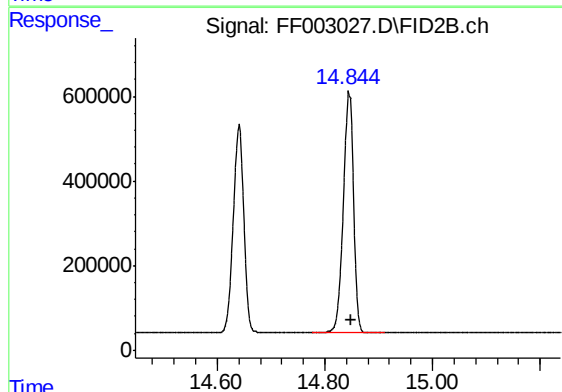
#8 N-DOCOSANE

R.T.: 13.739 min  
Delta R.T.: -0.005 min  
Response: 7688580  
Conc: 51.42 ug/ml



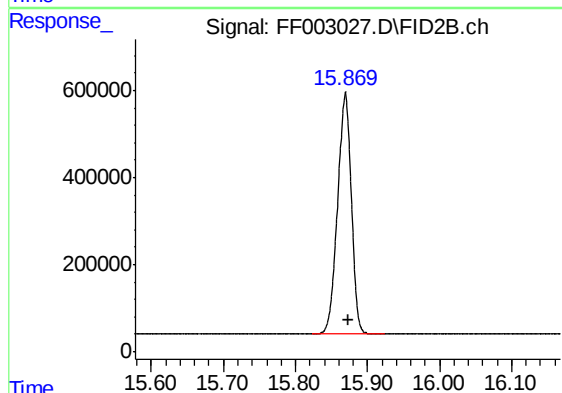
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.641 min  
Delta R.T.: -0.004 min  
Response: 6727743  
Conc: 51.82 ug/ml



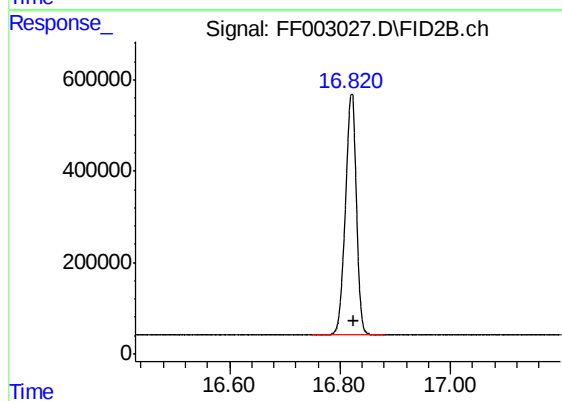
#10 N-TETRACOSANE

R.T.: 14.845 min  
Delta R.T.: -0.004 min  
Response: 7535638  
Conc: 52.14 ug/ml



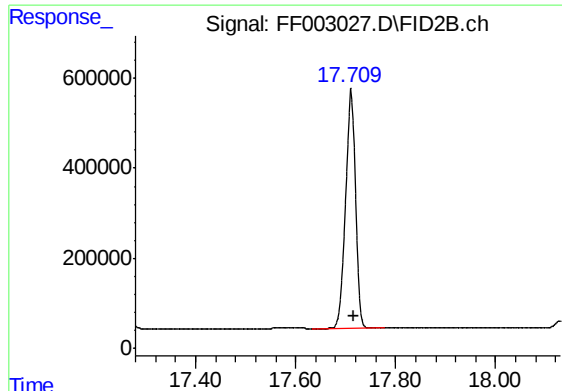
#11 N-HEXACOSANE

R.T.: 15.869 min  
Delta R.T.: -0.005 min  
Response: 7303987  
Conc: 52.33 ug/ml



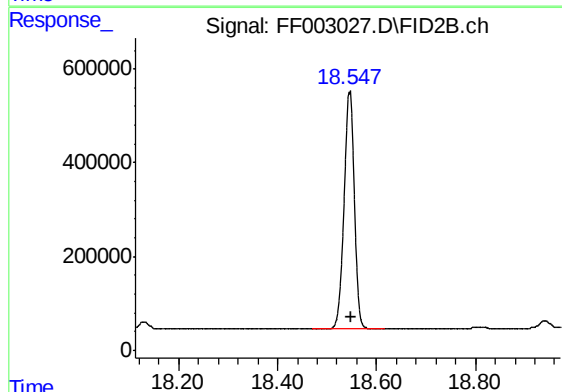
#12 N-OCTACOSANE

R.T.: 16.821 min  
Delta R.T.: -0.004 min  
Response: 7255164  
Conc: 54.15 ug/ml



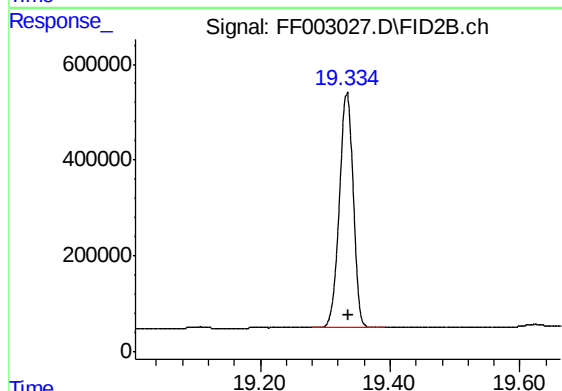
#13 N-TRIACONTANE

R.T.: 17.711 min  
Delta R.T.: -0.005 min  
Response: 7322644  
Conc: 57.15 ug/ml



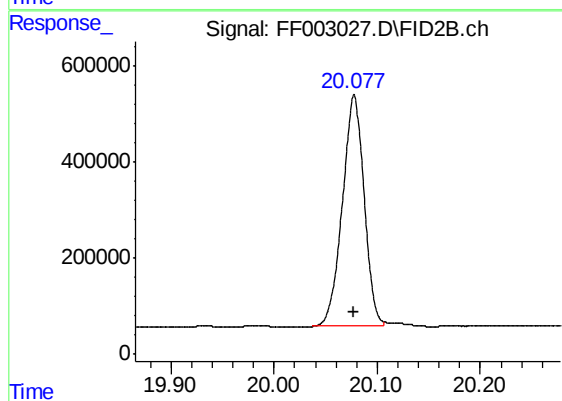
#14 N-DOTRIACONTANE

R.T.: 18.546 min  
Delta R.T.: -0.003 min  
Response: 7313100  
Conc: 61.24 ug/ml



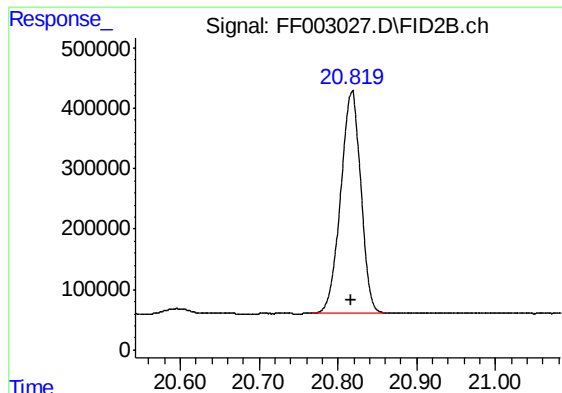
#15 N-TETRATRIACONTANE

R.T.: 19.333 min  
Delta R.T.: -0.002 min  
Response: 7285874  
Conc: 64.29 ug/ml



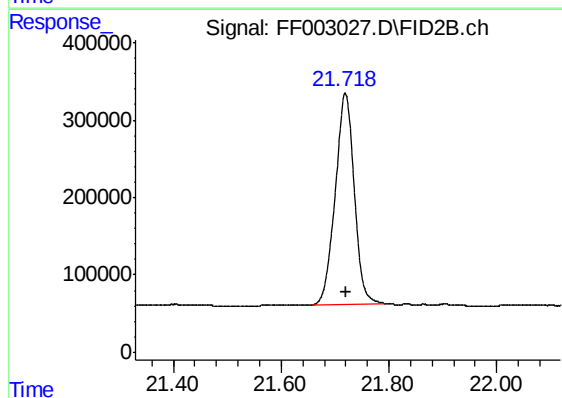
#16 N-HEXATRIACONTANE

R.T.: 20.077 min  
Delta R.T.: 0.000 min  
Response: 7031475  
Conc: 65.17 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.819 min  
Delta R.T.: 0.003 min  
Response: 6501610  
Conc: 64.06 ug/ml m



#18 N-TETRACONTANE

R.T.: 21.718 min  
Delta R.T.: -0.002 min  
Response: 6635054  
Conc: 63.13 ug/ml m