

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG080322\  
 Data File : FG010264.D  
 Signal(s) : FID1A.ch  
 Acq On : 03 Aug 2022 11:54  
 Operator : YP\AJ  
 Sample : N3980-11  
 Misc : 5 PPM WATER LOQ  
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 03 20:49:54 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG072822.M  
 Quant Title :  
 QLast Update : Thu Jul 28 15:10:44 2022  
 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... | 14.800 | 2345096  | 18.461 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.826  | 578934   | 4.432 ug/ml  |
| 2) N-DECANE                   | 4.327  | 584417   | 4.351 ug/ml  |
| 3) N-DODECANE                 | 6.506  | 557572   | 4.056 ug/ml  |
| 4) N-TETRADECANE              | 8.335  | 572250   | 4.085 ug/ml  |
| 5) N-HEXADECANE               | 9.943  | 572917   | 3.962 ug/ml  |
| 6) N-OCTADECANE               | 11.387 | 577596   | 3.916 ug/ml  |
| 7) N-EICOSANE                 | 12.698 | 594283   | 4.013 ug/ml  |
| 8) N-DOCOSANE                 | 13.897 | 615065   | 4.243 ug/ml  |
| 10) N-TETRACOSANE             | 15.002 | 615952   | 4.270 ug/ml  |
| 11) N-HEXACOSANE              | 16.025 | 602909   | 4.266 ug/ml  |
| 12) N-OCTACOSANE              | 16.976 | 596128   | 4.317 ug/ml  |
| 13) N-TRIACONTANE             | 17.865 | 574998   | 4.245 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.697 | 541343   | 4.121 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.483 | 449090   | 3.588 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.221 | 422429   | 3.663 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.933 | 432716   | 3.807 ug/mlm |
| 18) N-TETRACONTANE            | 21.777 | 428220   | 3.649 ug/mlm |
| -----                         |        |          |              |

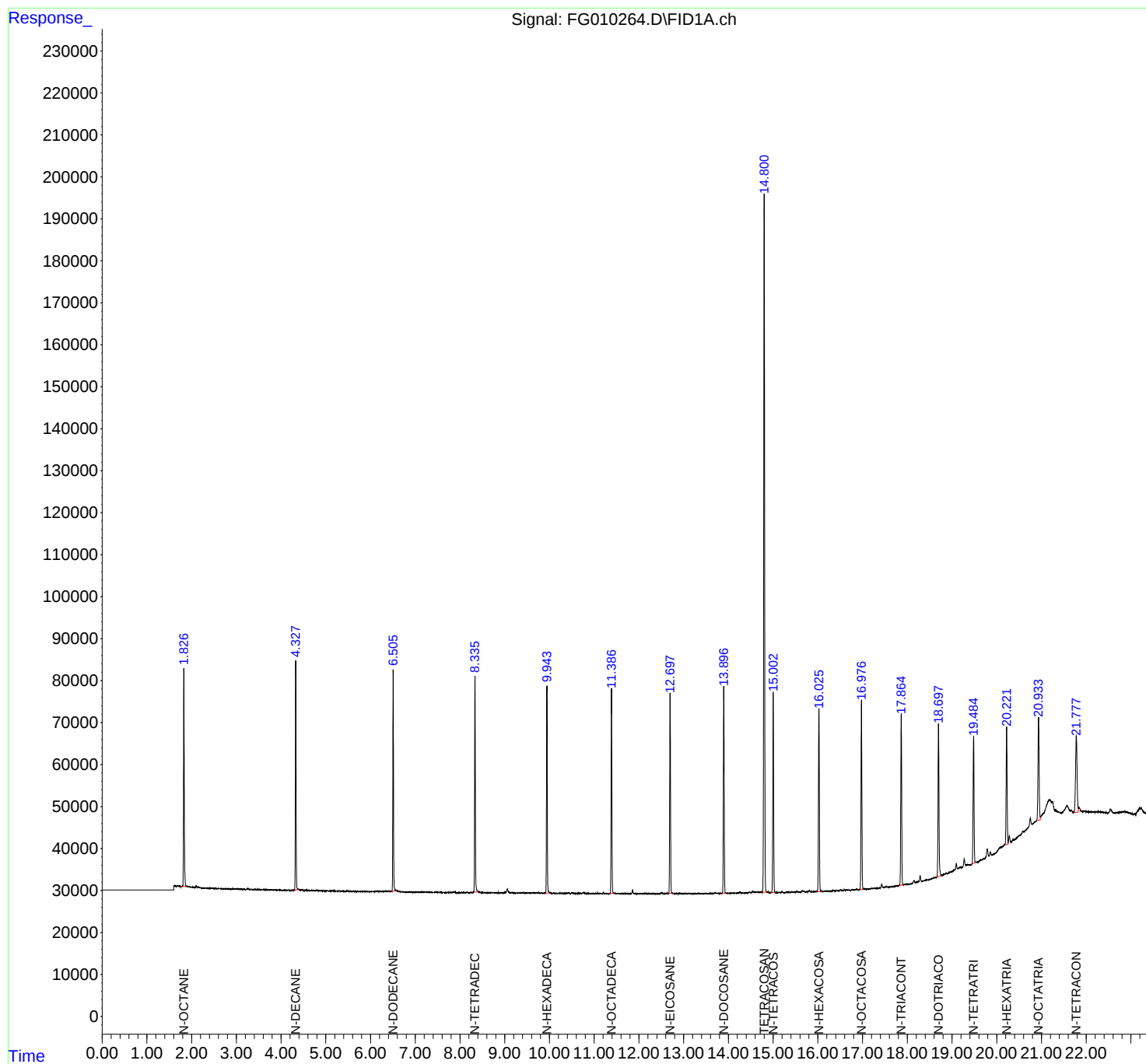
(f)=RT Delta > 1/2 Window

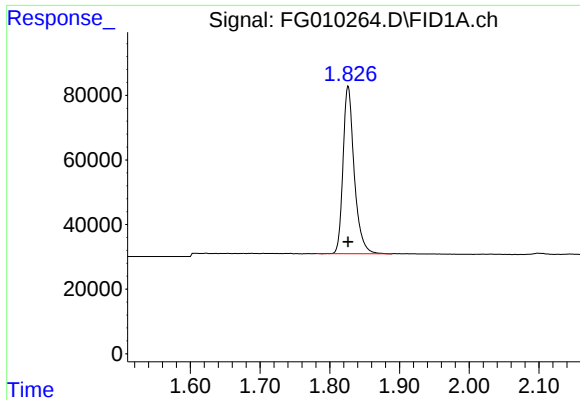
(m)=manual int.

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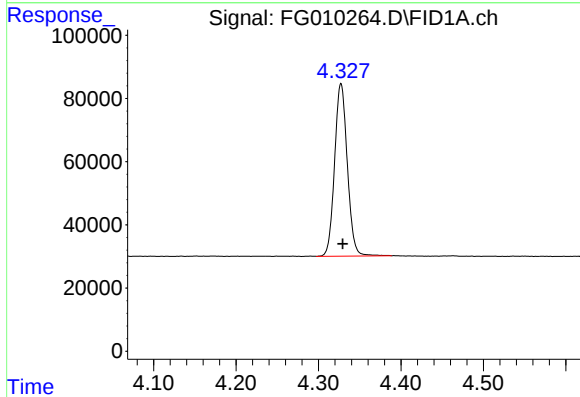
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





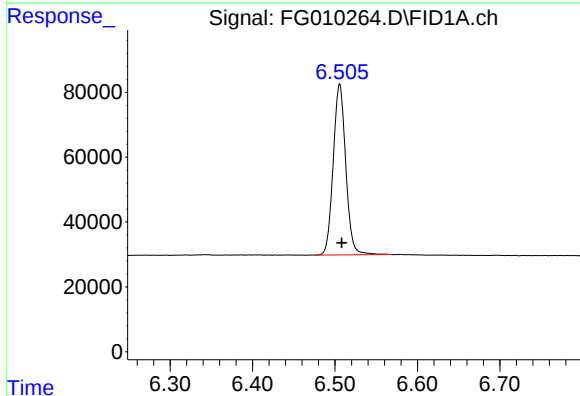
#1 N-OCTANE

R.T.: 1.826 min  
Delta R.T.: 0.000 min  
Response: 578934  
Conc: 4.43 ug/ml



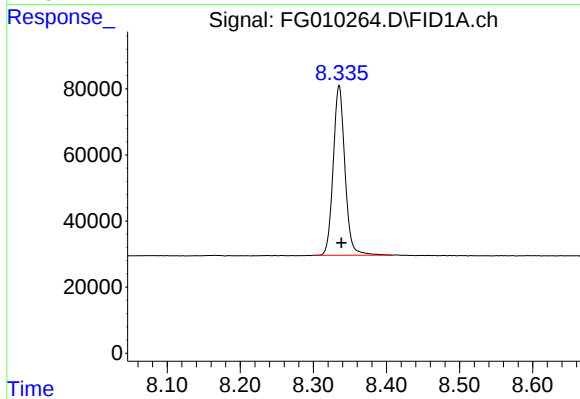
#2 N-DECANE

R.T.: 4.327 min  
Delta R.T.: -0.002 min  
Response: 584417  
Conc: 4.35 ug/ml



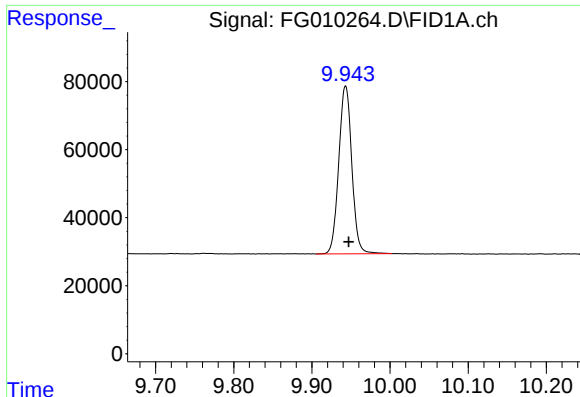
#3 N-DODECANE

R.T.: 6.506 min  
Delta R.T.: -0.002 min  
Response: 557572  
Conc: 4.06 ug/ml



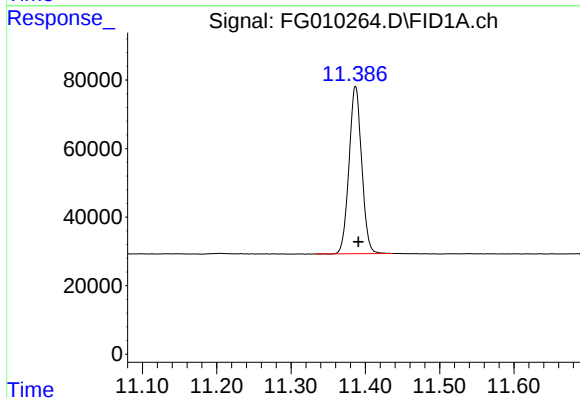
#4 N-TETRADECANE

R.T.: 8.335 min  
Delta R.T.: -0.003 min  
Response: 572250  
Conc: 4.08 ug/ml



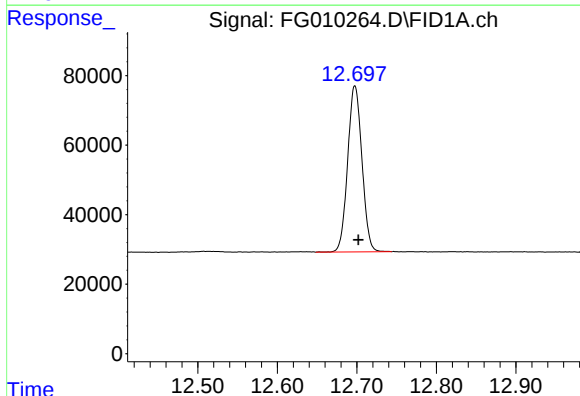
#5 N-HEXADECANE

R.T.: 9.943 min  
Delta R.T.: -0.004 min  
Response: 572917  
Conc: 3.96 ug/ml



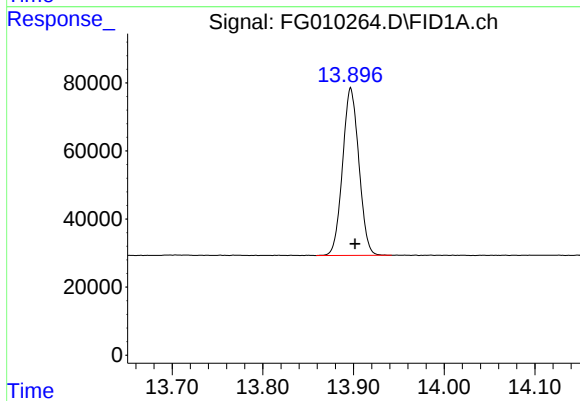
#6 N-OCTADECANE

R.T.: 11.387 min  
Delta R.T.: -0.004 min  
Response: 577596  
Conc: 3.92 ug/ml



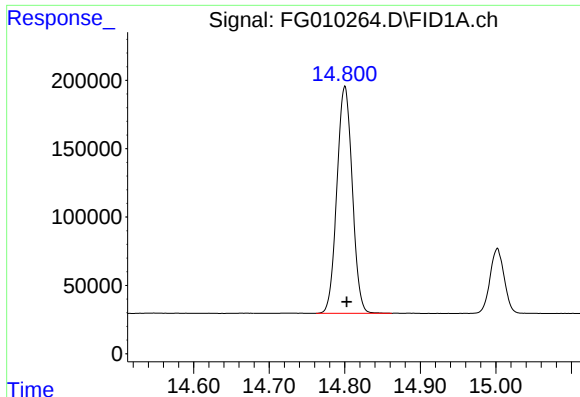
#7 N-EICOSANE

R.T.: 12.698 min  
Delta R.T.: -0.004 min  
Response: 594283  
Conc: 4.01 ug/ml



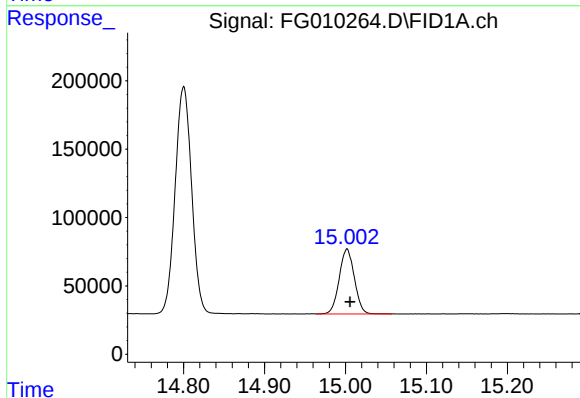
#8 N-DOCOSANE

R.T.: 13.897 min  
Delta R.T.: -0.005 min  
Response: 615065  
Conc: 4.24 ug/ml



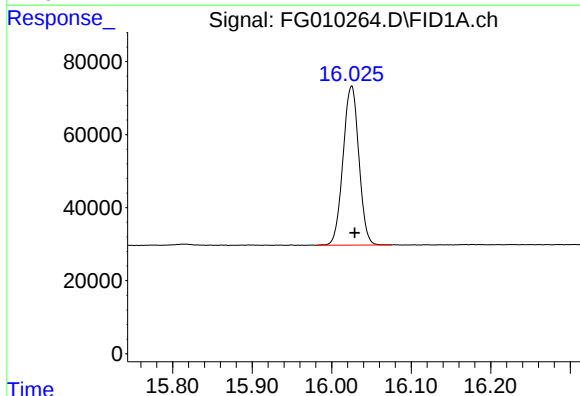
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.800 min  
Delta R.T.: -0.002 min  
Response: 2345096  
Conc: 18.46 ug/ml



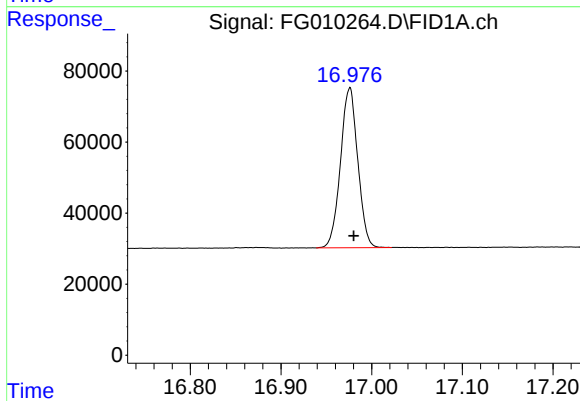
#10 N-TETRACOSANE

R.T.: 15.002 min  
Delta R.T.: -0.004 min  
Response: 615952  
Conc: 4.27 ug/ml



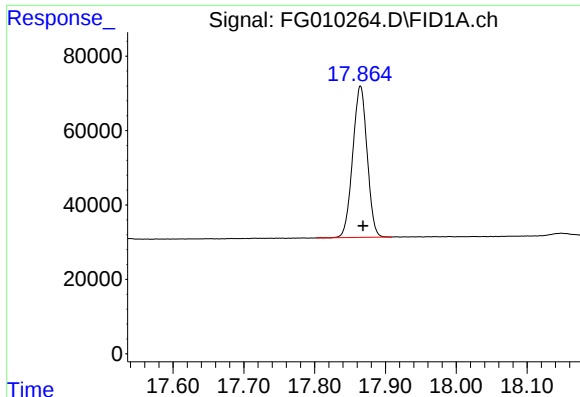
#11 N-HEXACOSANE

R.T.: 16.025 min  
Delta R.T.: -0.004 min  
Response: 602909  
Conc: 4.27 ug/ml



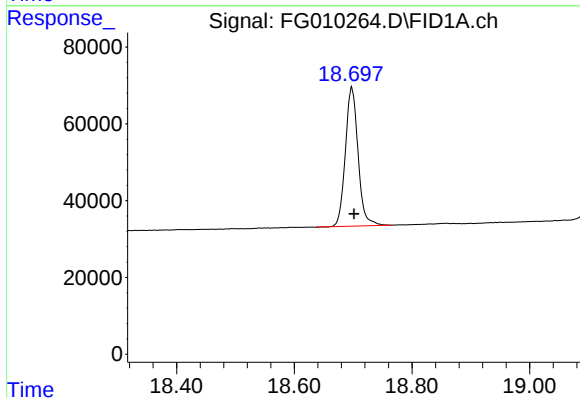
#12 N-OCTACOSANE

R.T.: 16.976 min  
Delta R.T.: -0.005 min  
Response: 596128  
Conc: 4.32 ug/ml



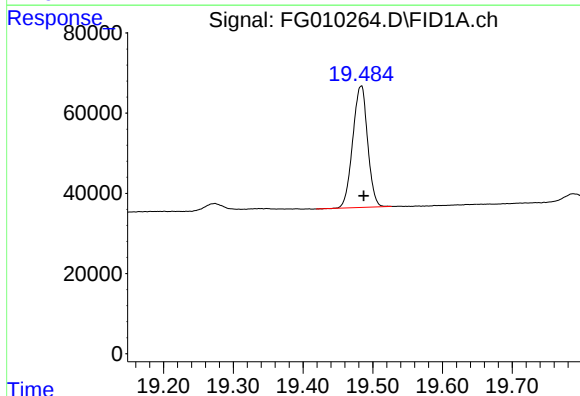
#13 N-TRIACONTANE

R.T.: 17.865 min  
Delta R.T.: -0.004 min  
Response: 574998  
Conc: 4.24 ug/ml



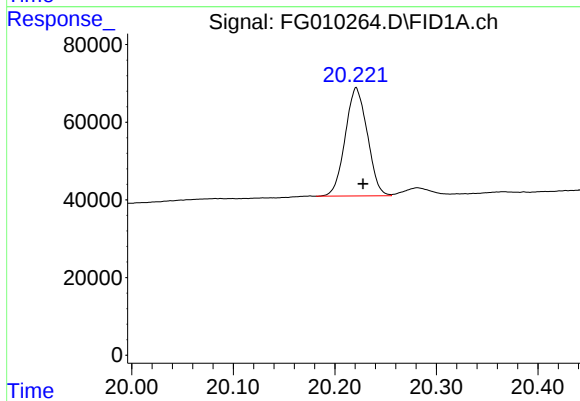
#14 N-DOTRIACONTANE

R.T.: 18.697 min  
Delta R.T.: -0.004 min  
Response: 541343  
Conc: 4.12 ug/ml



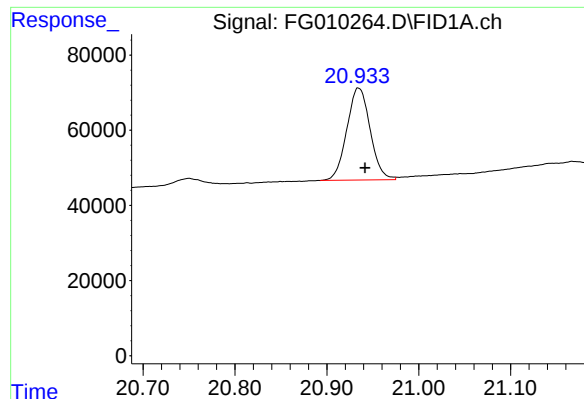
#15 N-TETRATRIACONTANE

R.T.: 19.483 min  
Delta R.T.: -0.004 min  
Response: 449090  
Conc: 3.59 ug/ml



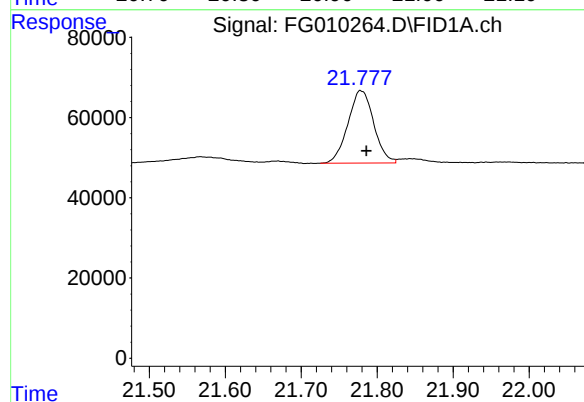
#16 N-HEXATRIACONTANE

R.T.: 20.221 min  
Delta R.T.: -0.007 min  
Response: 422429  
Conc: 3.66 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.933 min  
Delta R.T.: -0.009 min  
Response: 432716  
Conc: 3.81 ug/ml m



#18 N-TETRACONTANE

R.T.: 21.777 min  
Delta R.T.: -0.009 min  
Response: 428220  
Conc: 3.65 ug/ml m