

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG051421\  
 Data File : FG008089.D  
 Signal(s) : FID1A.ch  
 Acq On : 14 May 2021 14:01  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 14 23:56:01 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG042121.M  
 Quant Title :  
 QLast Update : Thu Apr 22 01:54:01 2021  
 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... | 14.785 | 6154825  | 46.232 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.367  | 7904331  | 53.298 ug/ml |
| 2) N-DECANE                   | 4.483  | 8240901  | 54.516 ug/ml |
| 3) N-DODECANE                 | 6.513  | 8142315  | 53.220 ug/ml |
| 4) N-TETRADECANE              | 8.315  | 8028877  | 51.438 ug/ml |
| 5) N-HEXADECANE               | 9.920  | 7721402  | 49.835 ug/ml |
| 6) N-OCTADECANE               | 11.367 | 7619305  | 48.458 ug/ml |
| 7) N-EICOSANE                 | 12.681 | 7314181  | 47.200 ug/ml |
| 8) N-DOCOSANE                 | 13.883 | 7079460  | 46.070 ug/ml |
| 10) N-TETRACOSANE             | 14.990 | 6890005  | 45.282 ug/ml |
| 11) N-HEXACOSANE              | 16.014 | 6712033  | 45.062 ug/ml |
| 12) N-OCTACOSANE              | 16.966 | 6680777  | 45.620 ug/ml |
| 13) N-TRIACONTANE             | 17.857 | 6718989  | 47.007 ug/ml |
| 14) N-DOTRIACONTANE           | 18.692 | 6664716  | 48.854 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.476 | 6554673  | 50.994 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.217 | 6292216  | 53.769 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.979 | 5786644  | 53.439 ug/ml |
| 18) N-TETRACONTANE            | 21.940 | 5315138  | 48.521 ug/ml |
| -----                         |        |          |              |

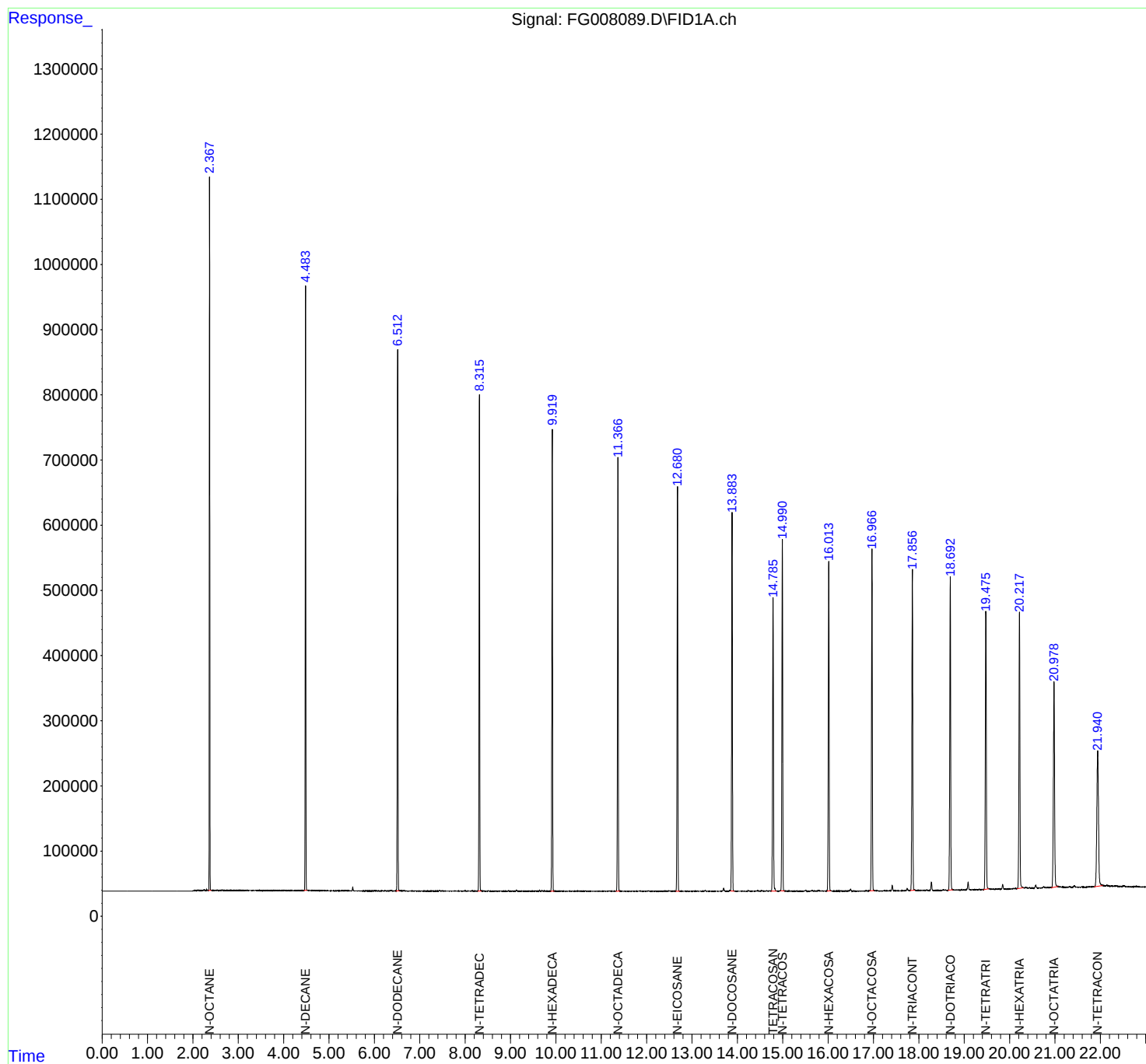
(f)=RT Delta > 1/2 Window

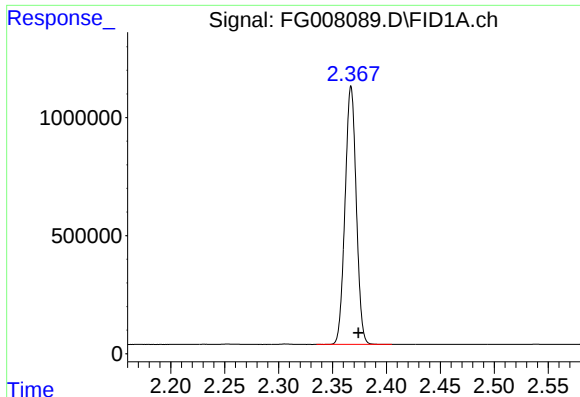
(m)=manual int.

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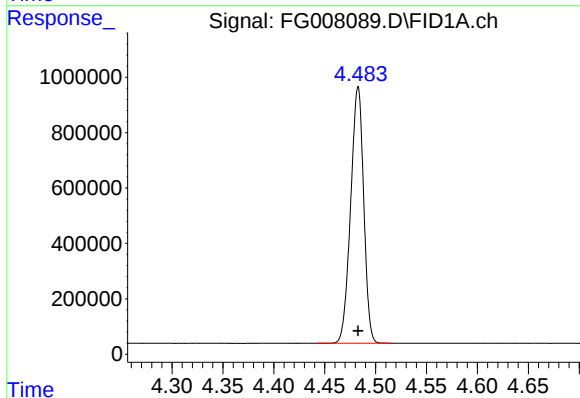
Volume Inj. : 1uL  
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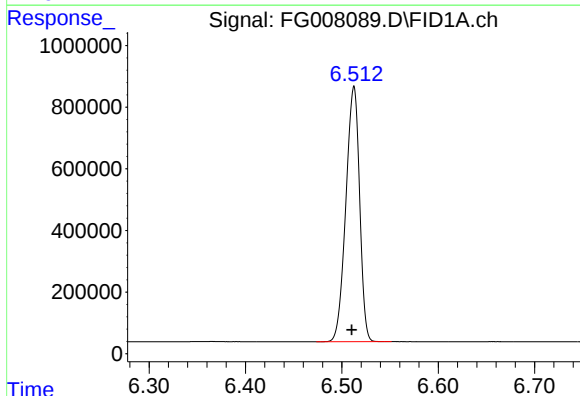
#1 N-OCTANE

R.T.: 2.367 min  
Delta R.T.: -0.007 min  
Response: 7904331  
Conc: 53.30 ug/ml



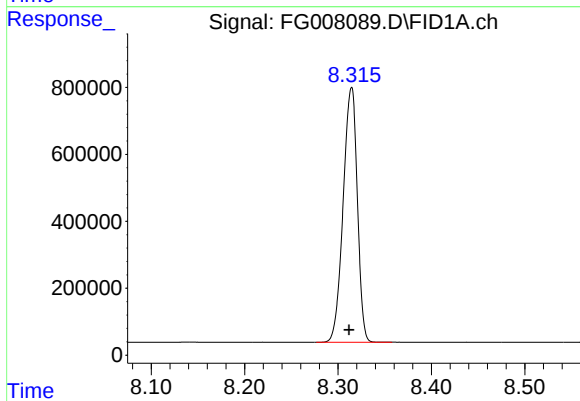
#2 N-DECANE

R.T.: 4.483 min  
Delta R.T.: 0.000 min  
Response: 8240901  
Conc: 54.52 ug/ml



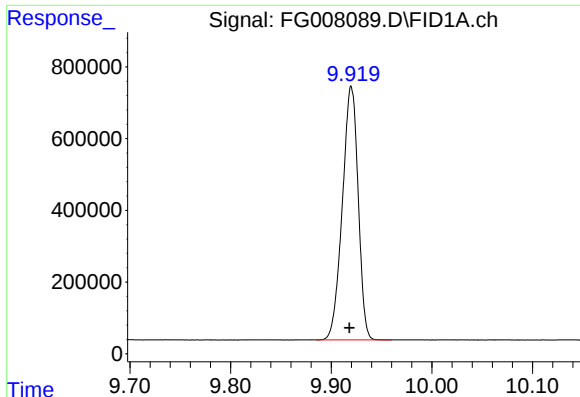
#3 N-DODECANE

R.T.: 6.513 min  
Delta R.T.: 0.002 min  
Response: 8142315  
Conc: 53.22 ug/ml



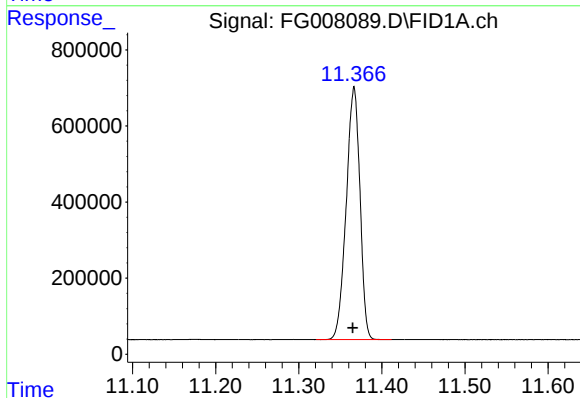
#4 N-TETRADECANE

R.T.: 8.315 min  
Delta R.T.: 0.002 min  
Response: 8028877  
Conc: 51.44 ug/ml



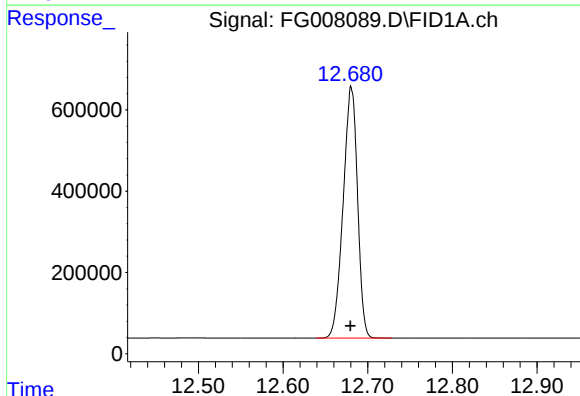
#5 N-HEXADECANE

R.T.: 9.920 min  
Delta R.T.: 0.002 min  
Response: 7721402  
Conc: 49.84 ug/ml



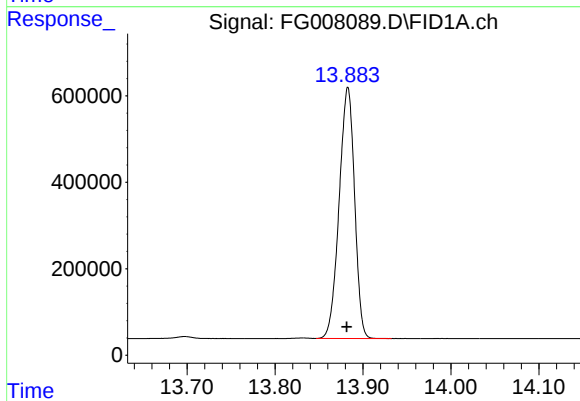
#6 N-OCTADECANE

R.T.: 11.367 min  
Delta R.T.: 0.002 min  
Response: 7619305  
Conc: 48.46 ug/ml



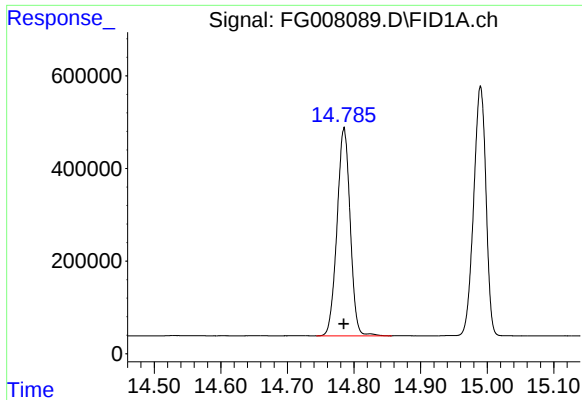
#7 N-EICOSANE

R.T.: 12.681 min  
Delta R.T.: 0.000 min  
Response: 7314181  
Conc: 47.20 ug/ml



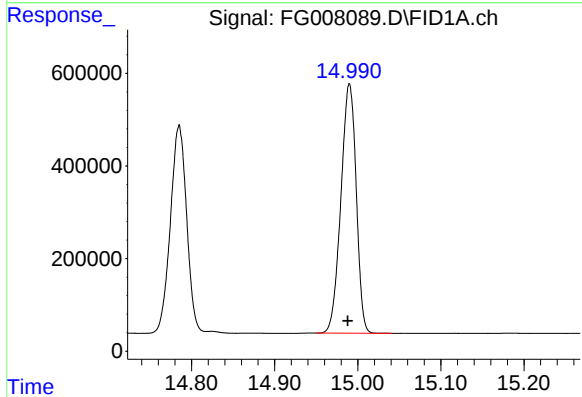
#8 N-DOCOSANE

R.T.: 13.883 min  
Delta R.T.: 0.001 min  
Response: 7079460  
Conc: 46.07 ug/ml



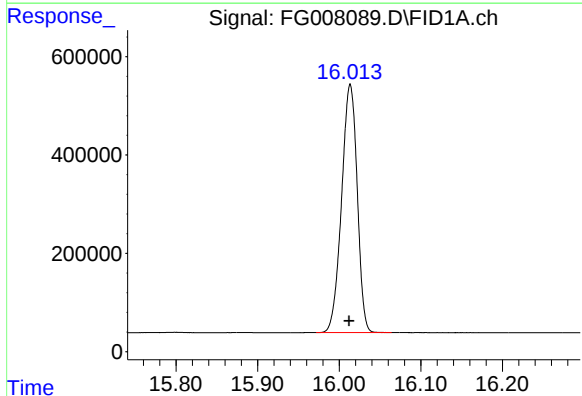
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.785 min  
Delta R.T.: 0.000 min  
Response: 6154825  
Conc: 46.23 ug/ml



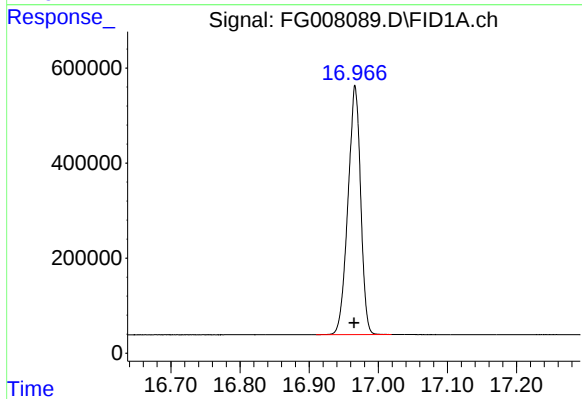
#10 N-TETRACOSANE

R.T.: 14.990 min  
Delta R.T.: 0.002 min  
Response: 6890005  
Conc: 45.28 ug/ml



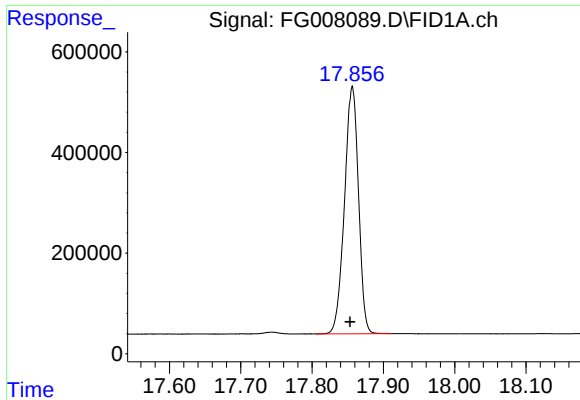
#11 N-HEXACOSANE

R.T.: 16.014 min  
Delta R.T.: 0.002 min  
Response: 6712033  
Conc: 45.06 ug/ml



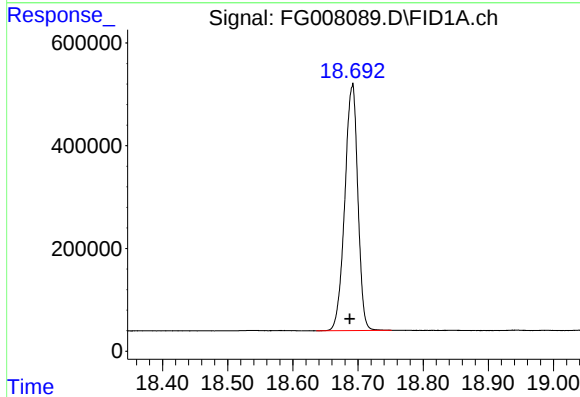
#12 N-OCTACOSANE

R.T.: 16.966 min  
Delta R.T.: 0.002 min  
Response: 6680777  
Conc: 45.62 ug/ml



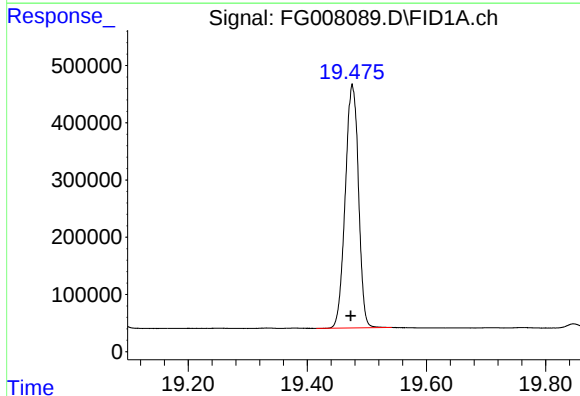
#13 N-TRIACONTANE

R.T.: 17.857 min  
Delta R.T.: 0.003 min  
Response: 6718989  
Conc: 47.01 ug/ml



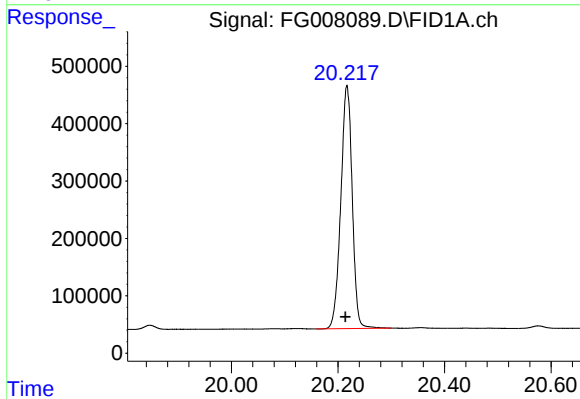
#14 N-DOTRIACONTANE

R.T.: 18.692 min  
Delta R.T.: 0.004 min  
Response: 6664716  
Conc: 48.85 ug/ml



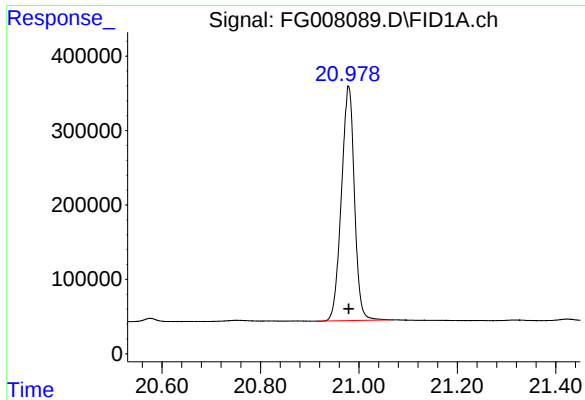
#15 N-TETRATRIACONTANE

R.T.: 19.476 min  
Delta R.T.: 0.003 min  
Response: 6554673  
Conc: 50.99 ug/ml



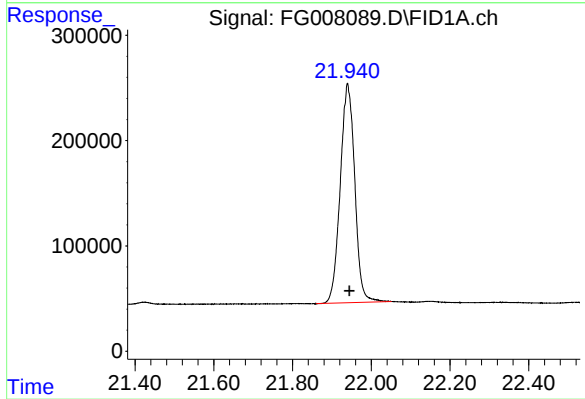
#16 N-HEXATRIACONTANE

R.T.: 20.217 min  
Delta R.T.: 0.003 min  
Response: 6292216  
Conc: 53.77 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.979 min  
Delta R.T.: 0.000 min  
Response: 5786644  
Conc: 53.44 ug/ml



#18 N-TETRACONTANE

R.T.: 21.940 min  
Delta R.T.: -0.005 min  
Response: 5315138  
Conc: 48.52 ug/ml