

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG072219\  
 Data File : FG005477.D  
 Signal(s) : FID1A.ch  
 Acq On : 22 Jul 2019 10:33  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 23 00:52:17 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG070819.M  
 Quant Title :  
 QLast Update : Tue Jul 09 08:00:47 2019  
 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... | 14.766 | 5045877  | 46.884 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.348  | 5880490  | 48.410 ug/ml |
| 2) N-DECANE                   | 4.464  | 6356049  | 51.340 ug/ml |
| 3) N-DODECANE                 | 6.494  | 6377060  | 50.599 ug/ml |
| 4) N-TETRADECANE              | 8.296  | 6285190  | 49.788 ug/ml |
| 5) N-HEXADECANE               | 9.903  | 6223898  | 48.984 ug/ml |
| 6) N-OCTADECANE               | 11.349 | 6065346  | 48.396 ug/ml |
| 7) N-EICOSANE                 | 12.663 | 6003966  | 47.584 ug/ml |
| 8) N-DOCOSANE                 | 13.865 | 5853963  | 47.214 ug/ml |
| 10) N-TETRACOSANE             | 14.970 | 5752397  | 46.998 ug/ml |
| 11) N-HEXACOSANE              | 15.994 | 5666411  | 47.158 ug/ml |
| 12) N-OCTACOSANE              | 16.947 | 5649277  | 47.174 ug/ml |
| 13) N-TRIACONTANE             | 17.837 | 5728760  | 48.009 ug/ml |
| 14) N-DOTRIACONTANE           | 18.672 | 5875043  | 50.773 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.461 | 6369660  | 58.021 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.203 | 6308995  | 59.748 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.966 | 5987215  | 63.666 ug/ml |
| 18) N-TETRACONTANE            | 21.919 | 6033315  | 60.920 ug/ml |
| -----                         |        |          |              |

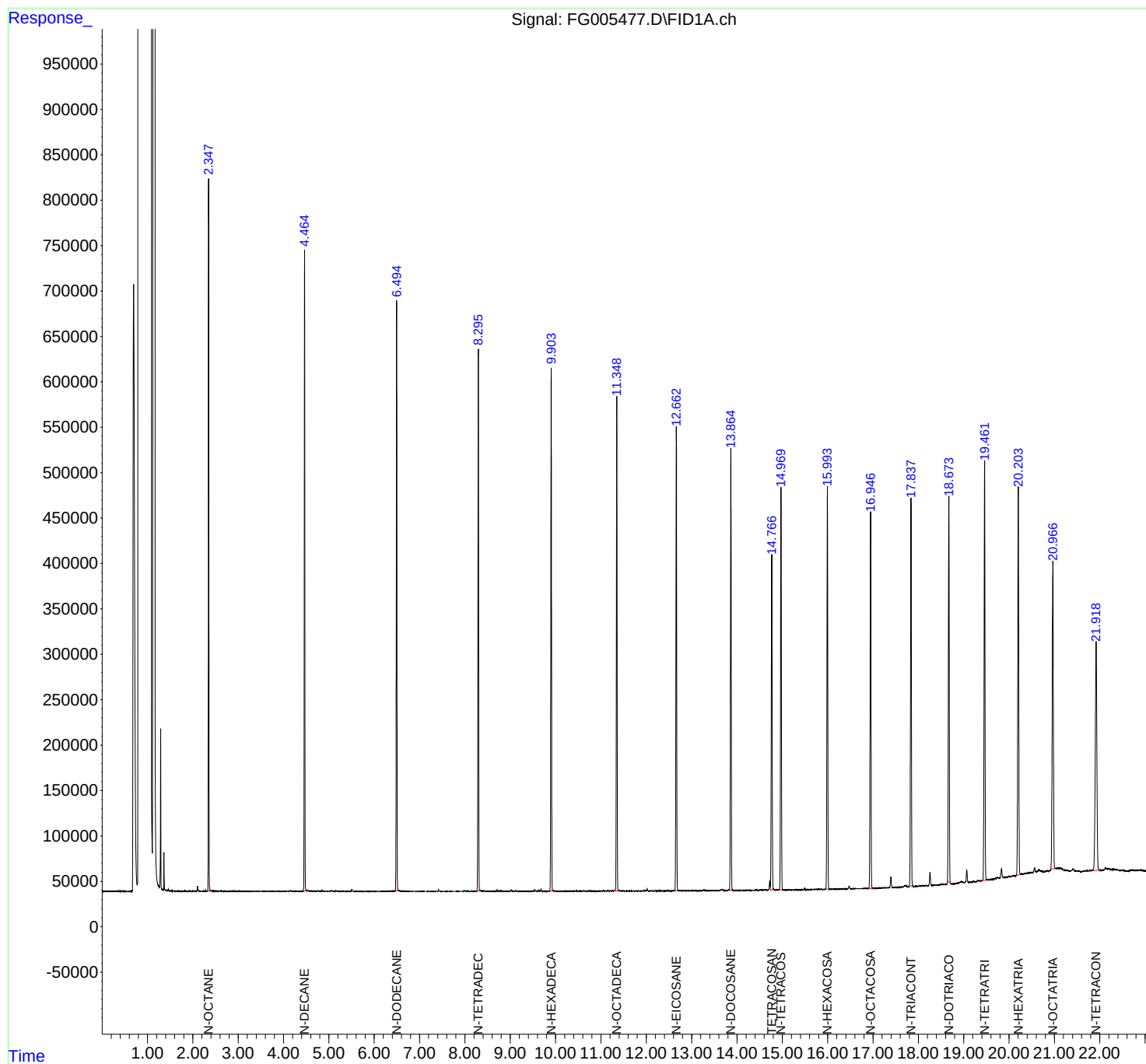
(f)=RT Delta > 1/2 Window

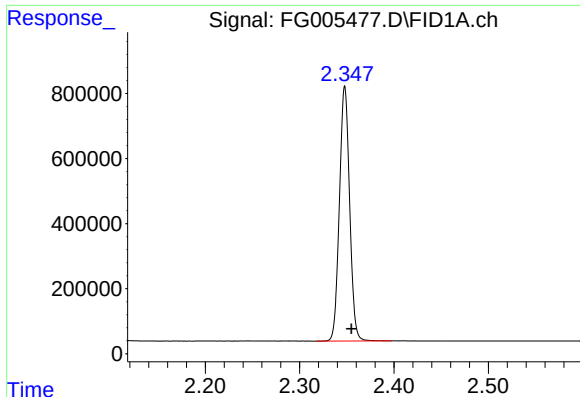
(m)=manual int.

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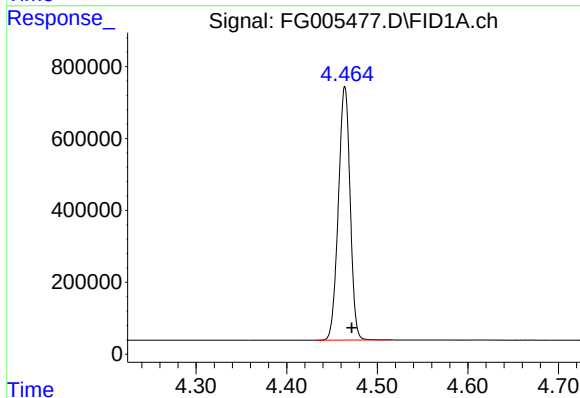
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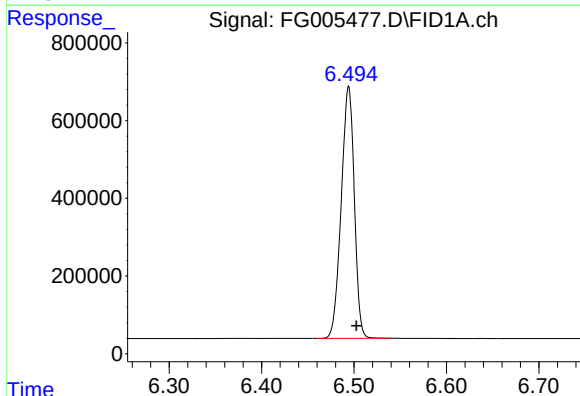
#1 N-OCTANE

R.T.: 2.348 min  
Delta R.T.: -0.007 min  
Response: 5880490  
Conc: 48.41 ug/ml



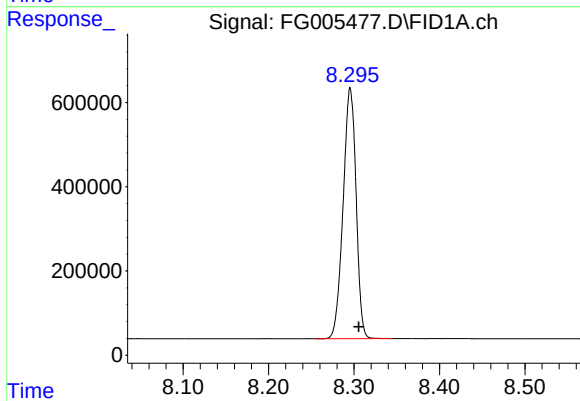
#2 N-DECANE

R.T.: 4.464 min  
Delta R.T.: -0.007 min  
Response: 6356049  
Conc: 51.34 ug/ml



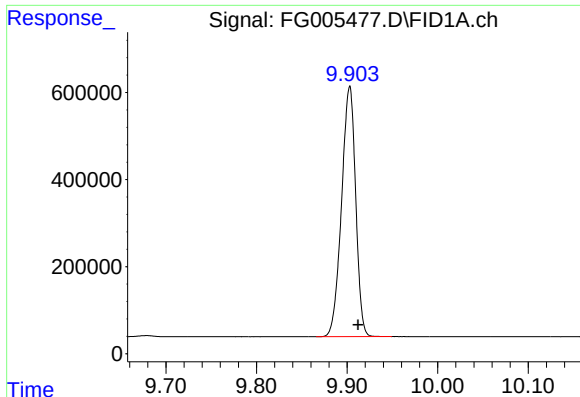
#3 N-DODECANE

R.T.: 6.494 min  
Delta R.T.: -0.008 min  
Response: 6377060  
Conc: 50.60 ug/ml



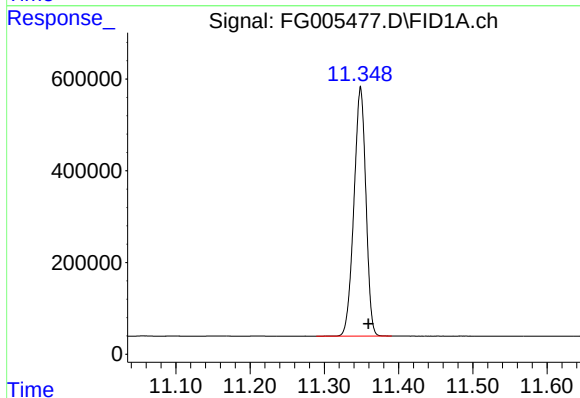
#4 N-TETRADECANE

R.T.: 8.296 min  
Delta R.T.: -0.010 min  
Response: 6285190  
Conc: 49.79 ug/ml



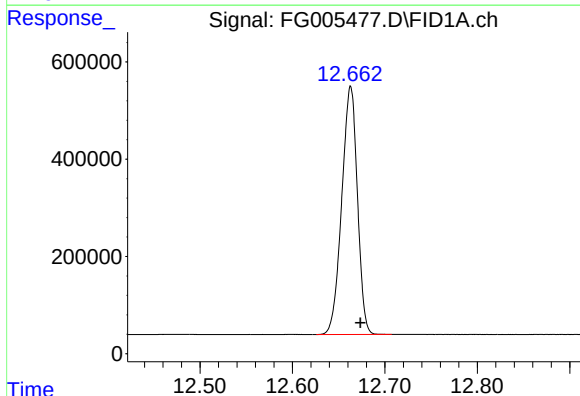
#5 N-HEXADECANE

R.T.: 9.903 min  
Delta R.T.: -0.009 min  
Response: 6223898  
Conc: 48.98 ug/ml



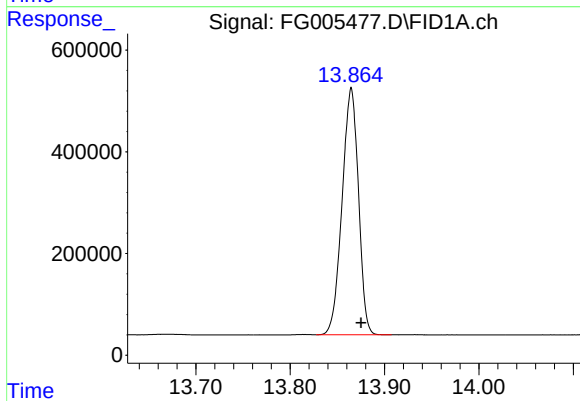
#6 N-OCTADECANE

R.T.: 11.349 min  
Delta R.T.: -0.011 min  
Response: 6065346  
Conc: 48.40 ug/ml



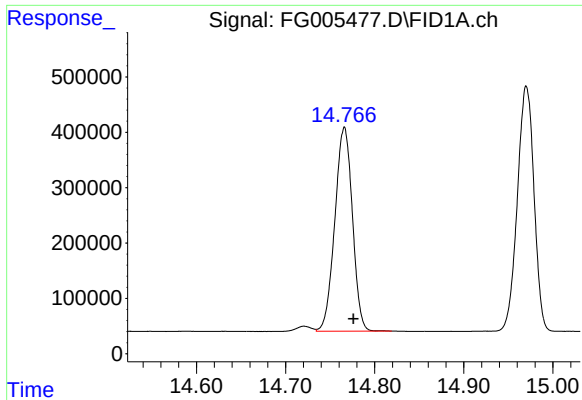
#7 N-EICOSANE

R.T.: 12.663 min  
Delta R.T.: -0.010 min  
Response: 6003966  
Conc: 47.58 ug/ml



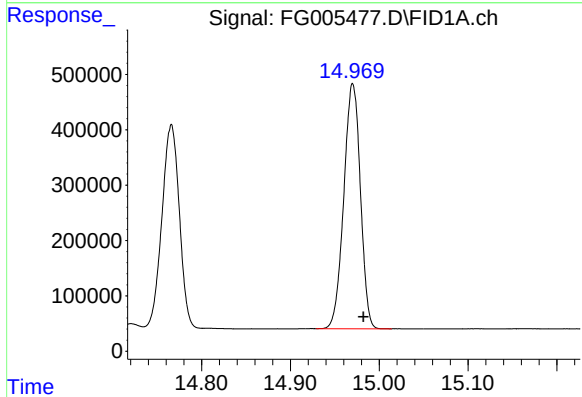
#8 N-DOCOSANE

R.T.: 13.865 min  
Delta R.T.: -0.010 min  
Response: 5853963  
Conc: 47.21 ug/ml



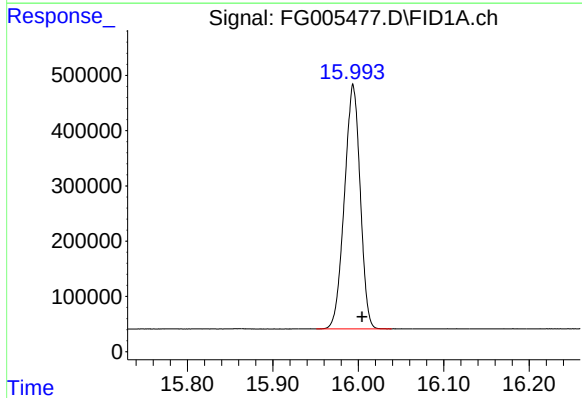
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.766 min  
Delta R.T.: -0.010 min  
Response: 5045877  
Conc: 46.88 ug/ml



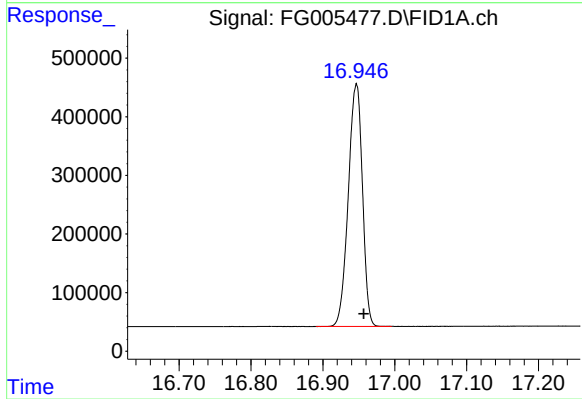
#10 N-TETRACOSANE

R.T.: 14.970 min  
Delta R.T.: -0.012 min  
Response: 5752397  
Conc: 47.00 ug/ml



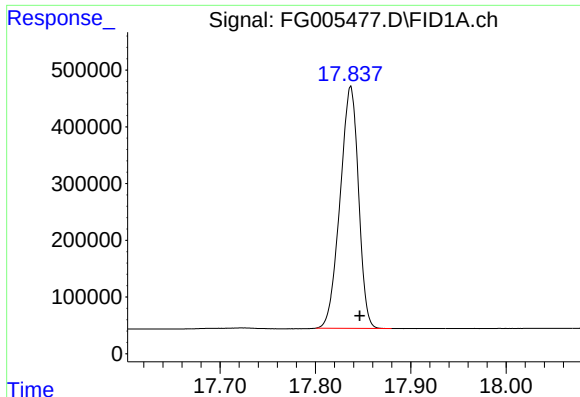
#11 N-HEXACOSANE

R.T.: 15.994 min  
Delta R.T.: -0.011 min  
Response: 5666411  
Conc: 47.16 ug/ml



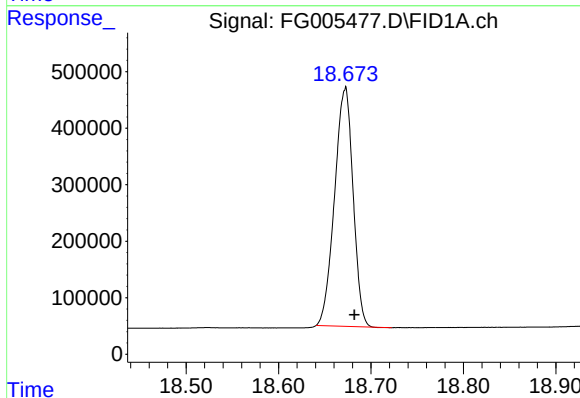
#12 N-OCTACOSANE

R.T.: 16.947 min  
Delta R.T.: -0.010 min  
Response: 5649277  
Conc: 47.17 ug/ml



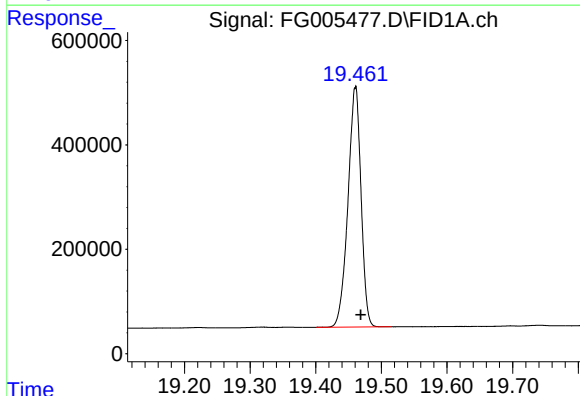
#13 N-TRIACONTANE

R.T.: 17.837 min  
Delta R.T.: -0.010 min  
Response: 5728760  
Conc: 48.01 ug/ml



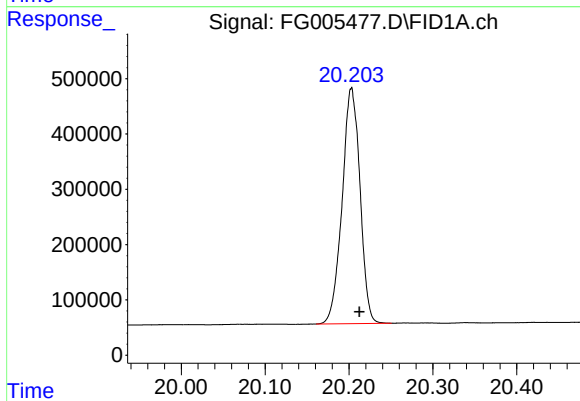
#14 N-DOTRIACONTANE

R.T.: 18.672 min  
Delta R.T.: -0.010 min  
Response: 5875043  
Conc: 50.77 ug/ml



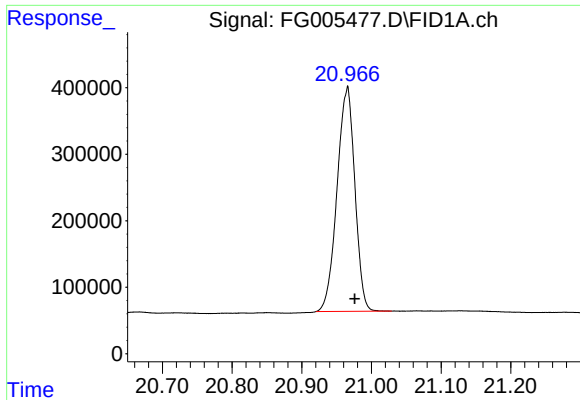
#15 N-TETRATRIACONTANE

R.T.: 19.461 min  
Delta R.T.: -0.008 min  
Response: 6369660  
Conc: 58.02 ug/ml



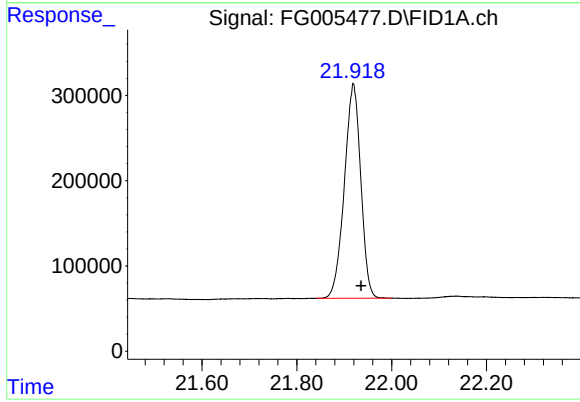
#16 N-HEXATRIACONTANE

R.T.: 20.203 min  
Delta R.T.: -0.010 min  
Response: 6308995  
Conc: 59.75 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.966 min  
Delta R.T.: -0.010 min  
Response: 5987215  
Conc: 63.67 ug/ml



#18 N-TETRACONTANE

R.T.: 21.919 min  
Delta R.T.: -0.016 min  
Response: 6033315  
Conc: 60.92 ug/ml