

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG081919\  
 Data File : FG005648.D  
 Signal(s) : FID1A.ch  
 Acq On : 19 Aug 2019 15:28  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 20 00:46:38 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080819.M  
 Quant Title :  
 QLast Update : Thu Aug 08 16:03:53 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... | 14.748 | 5802856  | 45.420 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.337  | 6975837  | 50.082 ug/ml  |
| 2) N-DECANE                   | 4.450  | 7236881  | 50.850 ug/ml  |
| 3) N-DODECANE                 | 6.479  | 7322560  | 49.984 ug/ml  |
| 4) N-TETRADECANE              | 8.281  | 7266011  | 49.017 ug/ml  |
| 5) N-HEXADECANE               | 9.887  | 7217462  | 48.052 ug/ml  |
| 6) N-OCTADECANE               | 11.333 | 7041297  | 47.198 ug/ml  |
| 7) N-EICOSANE                 | 12.646 | 6938957  | 46.263 ug/ml  |
| 8) N-DOCOSANE                 | 13.848 | 6726133  | 45.576 ug/ml  |
| 10) N-TETRACOSANE             | 14.953 | 6577418  | 45.257 ug/ml  |
| 11) N-HEXACOSANE              | 15.976 | 6403169  | 44.611 ug/ml  |
| 12) N-OCTACOSANE              | 16.928 | 6237798  | 41.263 ug/ml  |
| 13) N-TRIACONTANE             | 17.817 | 6114309  | 40.426 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.653 | 5894821  | 44.023 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.439 | 5754614  | 46.585 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.183 | 5423565  | 47.040 ug/ml  |
| 17) N-OCTATRIACONTANE         | 20.939 | 5158961  | 49.411 ug/ml  |
| 18) N-TETRACONTANE            | 21.882 | 5085676  | 48.903 ug/ml  |
| -----                         |        |          |               |

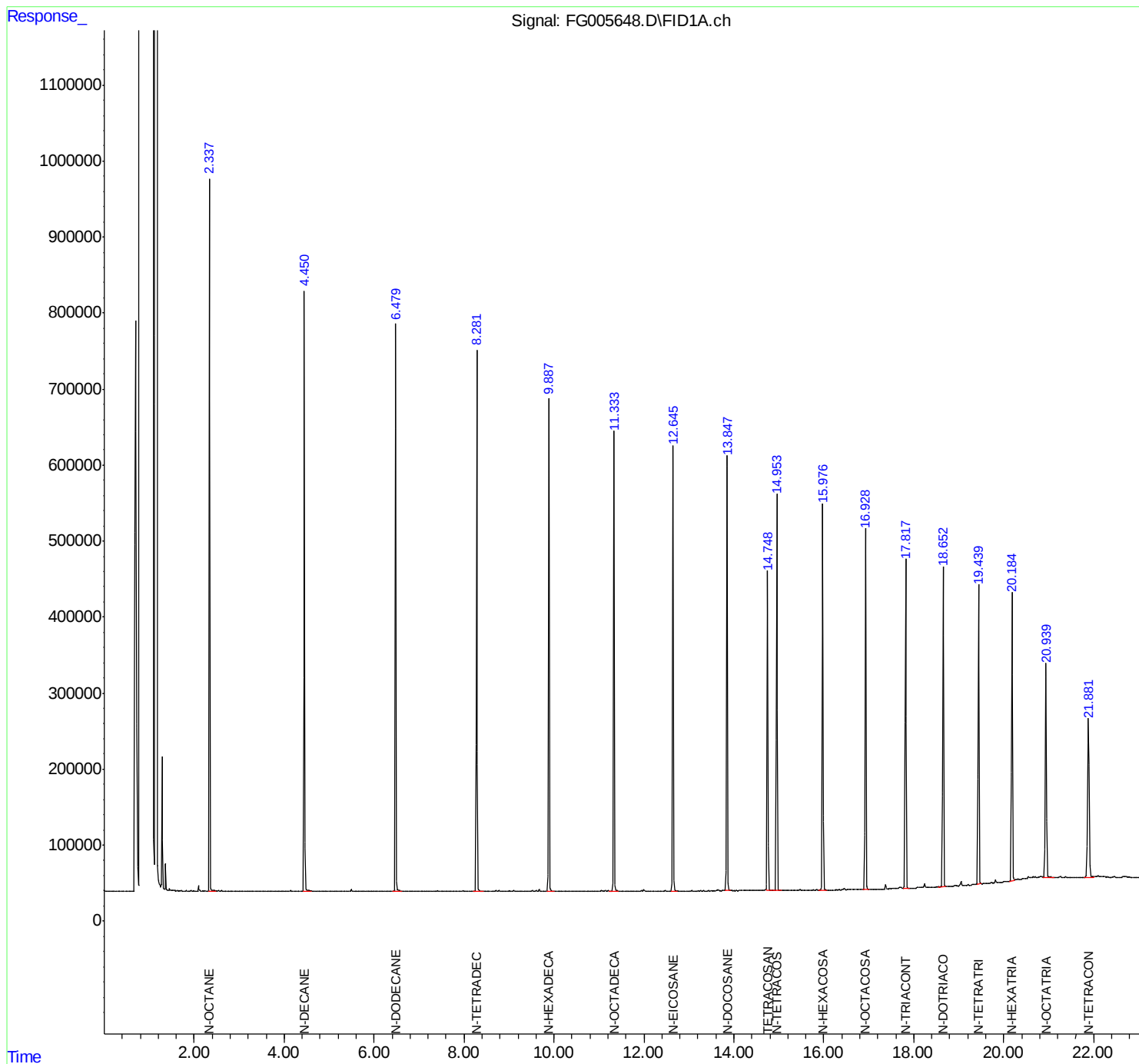
(f)=RT Delta > 1/2 Window

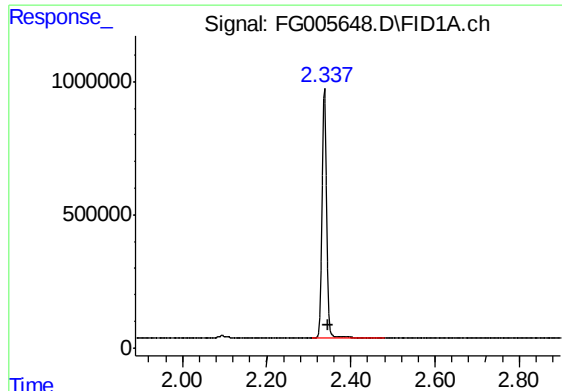
(m)=manual int.

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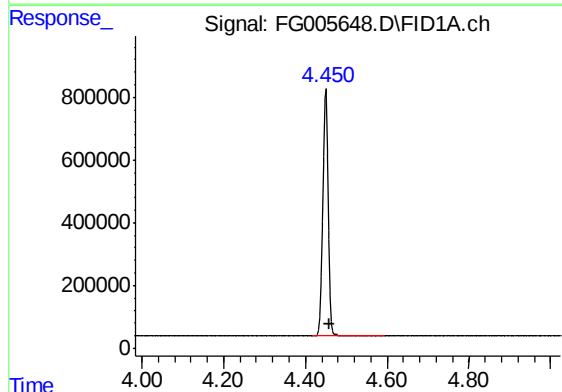
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Signal Info : 20mx0.18mmx0.18um





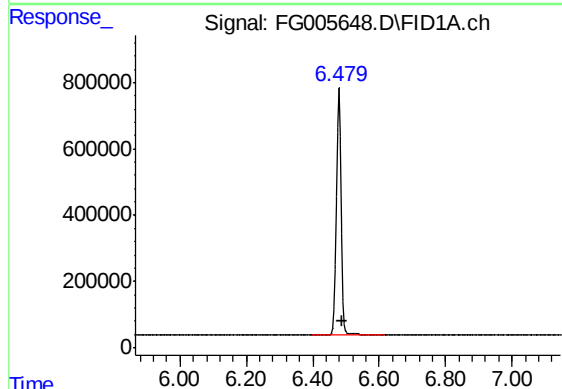
#1 N-OCTANE

R.T.: 2.337 min  
Delta R.T.: -0.009 min  
Response: 6975837  
Conc: 50.08 ug/ml



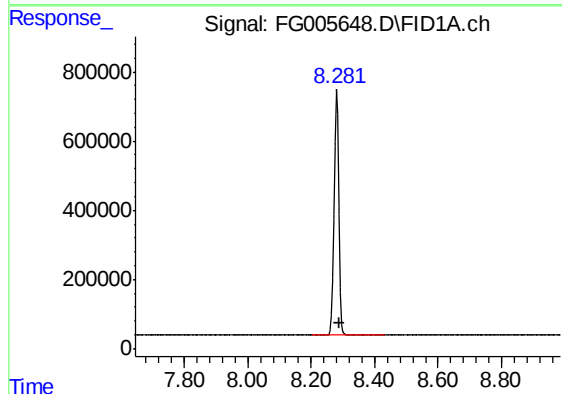
#2 N-DECANE

R.T.: 4.450 min  
Delta R.T.: -0.007 min  
Response: 7236881  
Conc: 50.85 ug/ml



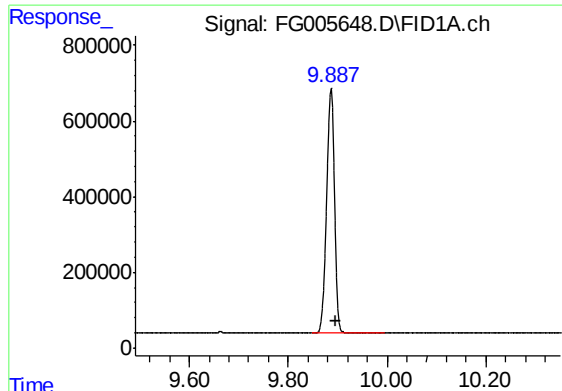
#3 N-DODECANE

R.T.: 6.479 min  
Delta R.T.: -0.008 min  
Response: 7322560  
Conc: 49.98 ug/ml



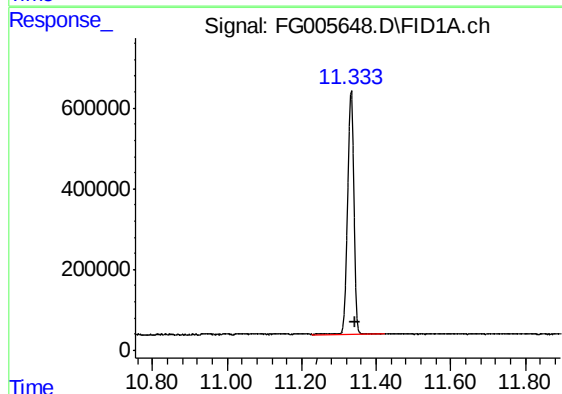
#4 N-TETRADECANE

R.T.: 8.281 min  
Delta R.T.: -0.009 min  
Response: 7266011  
Conc: 49.02 ug/ml



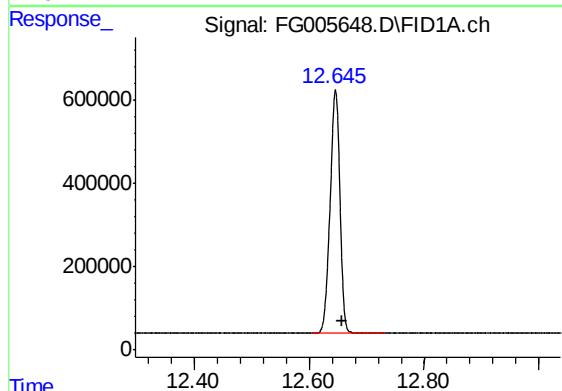
#5 N-HEXADECANE

R.T.: 9.887 min  
Delta R.T.: -0.009 min  
Response: 7217462  
Conc: 48.05 ug/ml



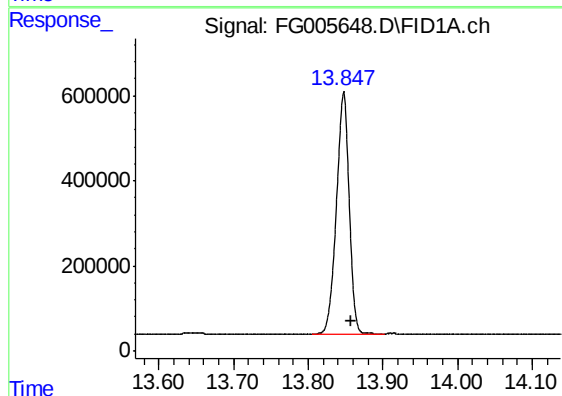
#6 N-OCTADECANE

R.T.: 11.333 min  
Delta R.T.: -0.010 min  
Response: 7041297  
Conc: 47.20 ug/ml



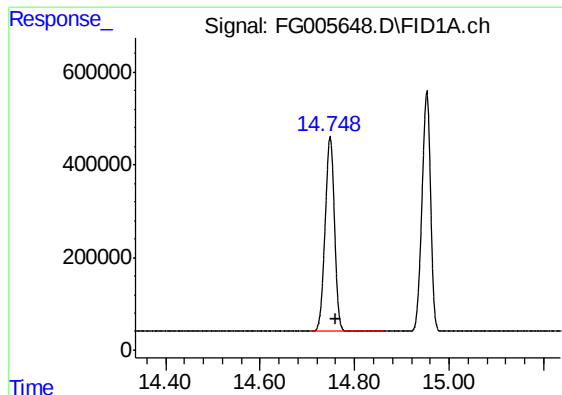
#7 N-EICOSANE

R.T.: 12.646 min  
Delta R.T.: -0.011 min  
Response: 6938957  
Conc: 46.26 ug/ml



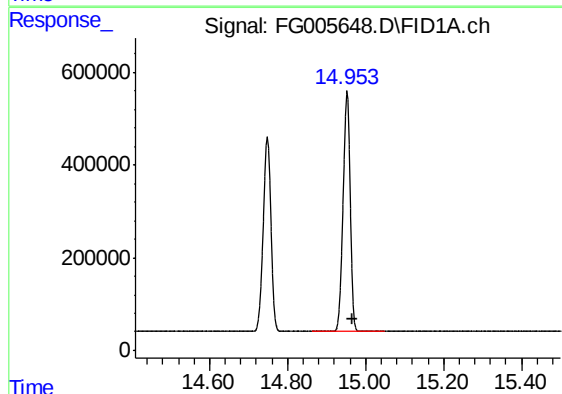
#8 N-DOCOSANE

R.T.: 13.848 min  
Delta R.T.: -0.011 min  
Response: 6726133  
Conc: 45.58 ug/ml



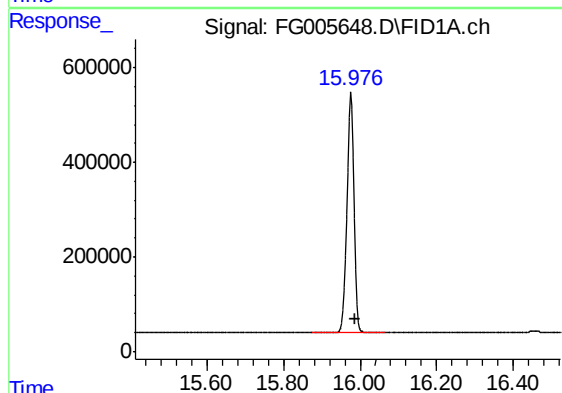
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.748 min  
Delta R.T.: -0.012 min  
Response: 5802856  
Conc: 45.42 ug/ml



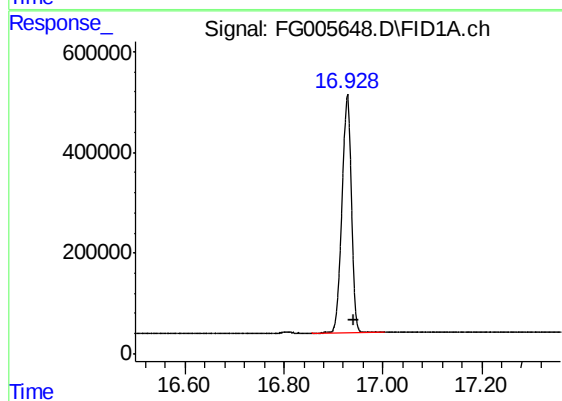
#10 N-TETRACOSANE

R.T.: 14.953 min  
Delta R.T.: -0.012 min  
Response: 6577418  
Conc: 45.26 ug/ml



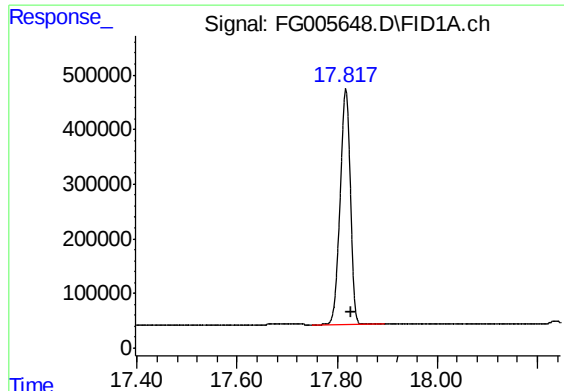
#11 N-HEXACOSANE

R.T.: 15.976 min  
Delta R.T.: -0.012 min  
Response: 6403169  
Conc: 44.61 ug/ml



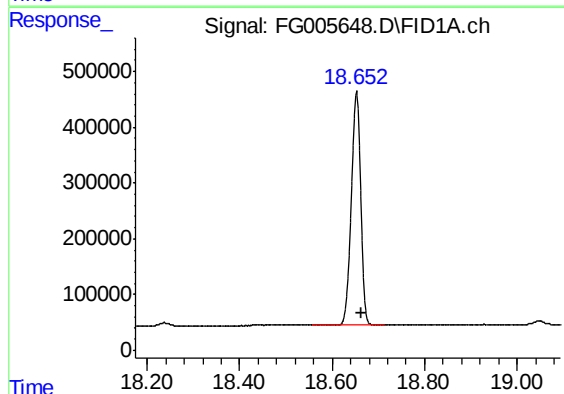
#12 N-OCTACOSANE

R.T.: 16.928 min  
Delta R.T.: -0.012 min  
Response: 6237798  
Conc: 41.26 ug/ml



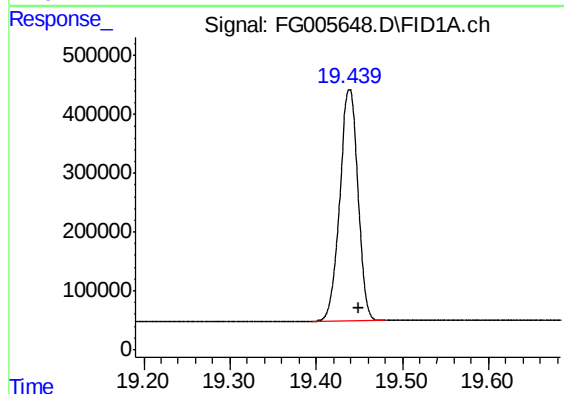
#13 N-TRIACONTANE

R.T.: 17.817 min  
Delta R.T.: -0.012 min  
Response: 6114309  
Conc: 40.43 ug/ml



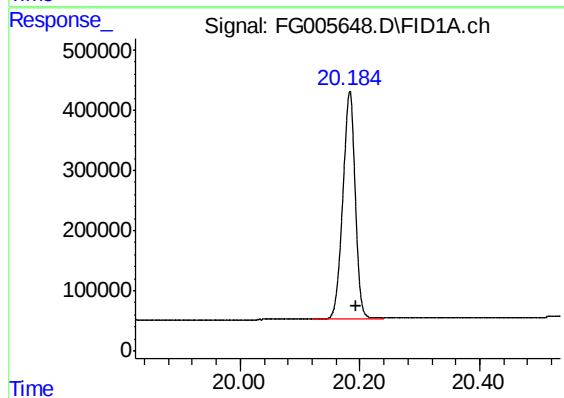
#14 N-DOTRIACONTANE

R.T.: 18.653 min  
Delta R.T.: -0.011 min  
Response: 5894821  
Conc: 44.02 ug/ml



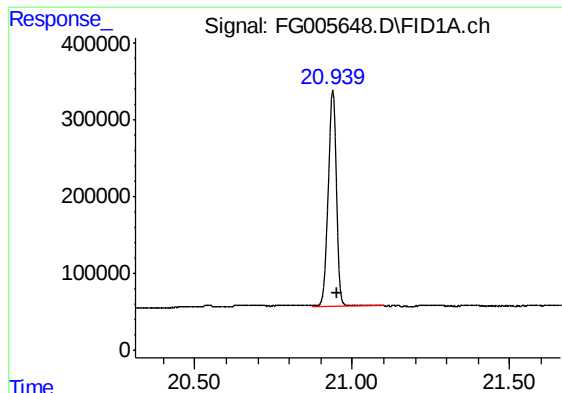
#15 N-TETRATRIACONTANE

R.T.: 19.439 min  
Delta R.T.: -0.010 min  
Response: 5754614  
Conc: 46.59 ug/ml m



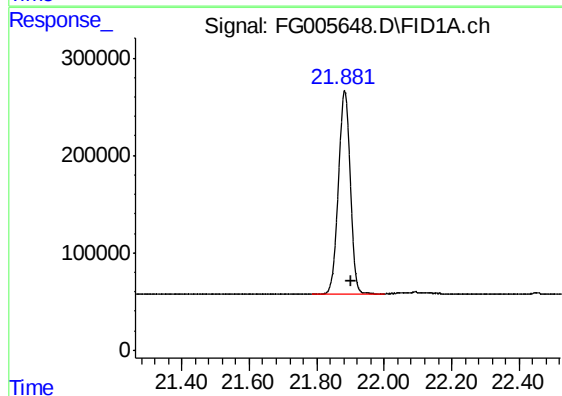
#16 N-HEXATRIACONTANE

R.T.: 20.183 min  
Delta R.T.: -0.010 min  
Response: 5423565  
Conc: 47.04 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.939 min  
Delta R.T.: -0.013 min  
Response: 5158961  
Conc: 49.41 ug/ml



#18 N-TETRACONTANE

R.T.: 21.882 min  
Delta R.T.: -0.020 min  
Response: 5085676  
Conc: 48.90 ug/ml