

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG022223\  
 Data File : FG011437.D  
 Signal(s) : FID1A.ch  
 Acq On : 22 Feb 2023 18:50  
 Operator : YP\AJ  
 Sample : 01627-02  
 Misc : 5 PPM SOIL LOQ  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 23 01:48:34 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG022123.M  
 Quant Title :  
 QLast Update : Tue Feb 21 16:44:49 2023  
 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... | 15.064 | 2149345  | 20.435 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.073  | 602986   | 5.075 ug/ml  |
| 2) N-DECANE                   | 4.590  | 680202   | 5.583 ug/ml  |
| 3) N-DODECANE                 | 6.759  | 692640   | 5.602 ug/ml  |
| 4) N-TETRADECANE              | 8.589  | 690474   | 5.588 ug/ml  |
| 5) N-HEXADECANE               | 10.201 | 716180   | 5.676 ug/ml  |
| 6) N-OCTADECANE               | 11.648 | 721814   | 5.718 ug/ml  |
| 7) N-EICOSANE                 | 12.960 | 719598   | 5.749 ug/ml  |
| 8) N-DOCOSANE                 | 14.161 | 690742   | 5.757 ug/ml  |
| 10) N-TETRACOSANE             | 15.268 | 680130   | 5.764 ug/ml  |
| 11) N-HEXACOSANE              | 16.293 | 656774   | 5.770 ug/ml  |
| 12) N-OCTACOSANE              | 17.244 | 645078   | 5.879 ug/ml  |
| 13) N-TRIACONTANE             | 18.134 | 653266   | 6.164 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.969 | 640069   | 6.344 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.754 | 577344   | 6.125 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.496 | 500041   | 5.584 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.249 | 492964   | 5.246 ug/ml  |
| 18) N-TETRACONTANE            | 22.191 | 527299   | 5.198 ug/ml  |
| -----                         |        |          |              |

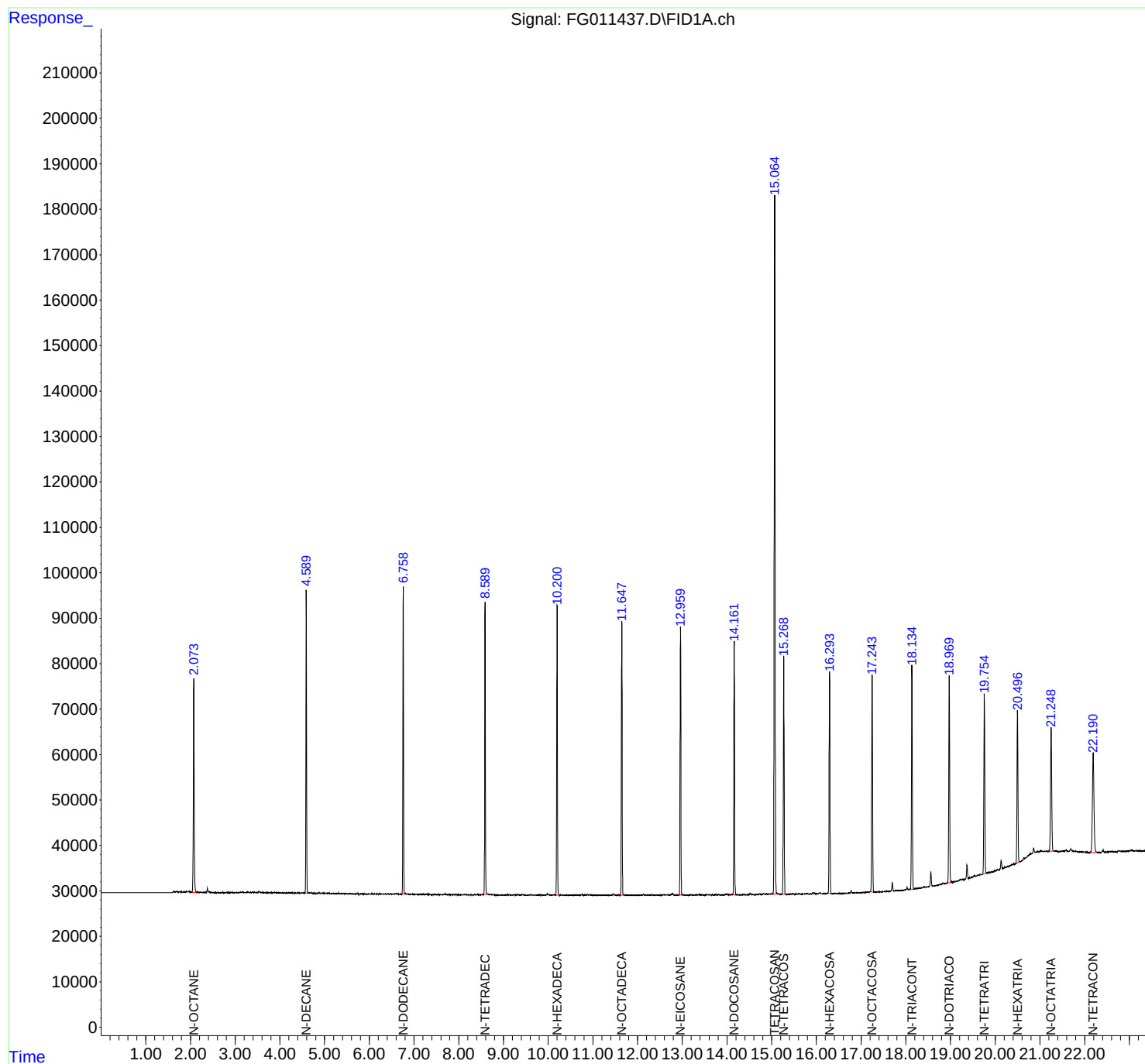
(f)=RT Delta > 1/2 Window

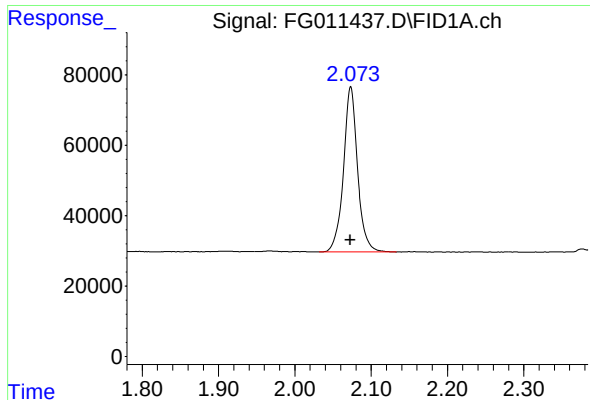
(m)=manual int.

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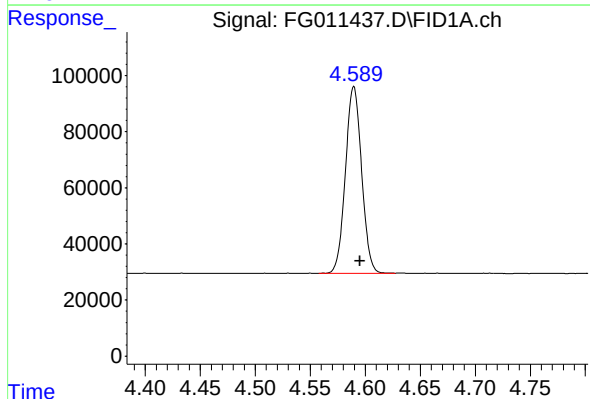
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





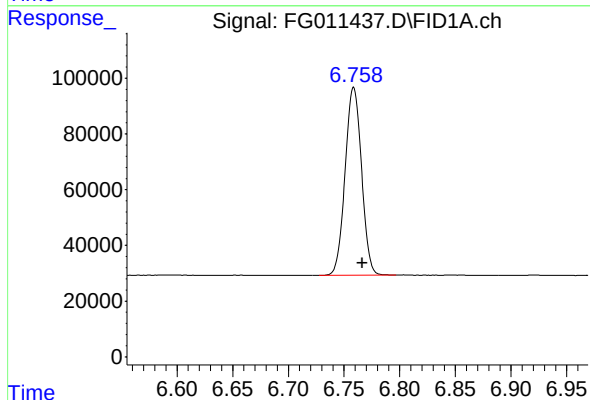
#1 N-OCTANE

R.T.: 2.073 min  
Delta R.T.: 0.000 min  
Response: 602986  
Conc: 5.08 ug/ml



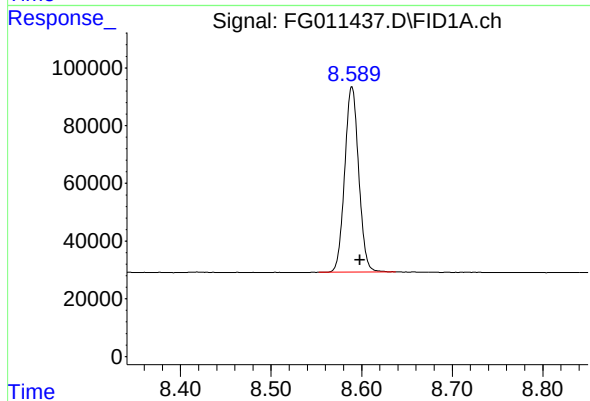
#2 N-DECANE

R.T.: 4.590 min  
Delta R.T.: -0.006 min  
Response: 680202  
Conc: 5.58 ug/ml



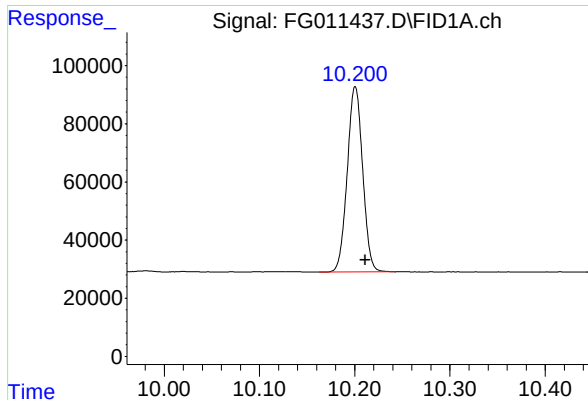
#3 N-DODECANE

R.T.: 6.759 min  
Delta R.T.: -0.008 min  
Response: 692640  
Conc: 5.60 ug/ml



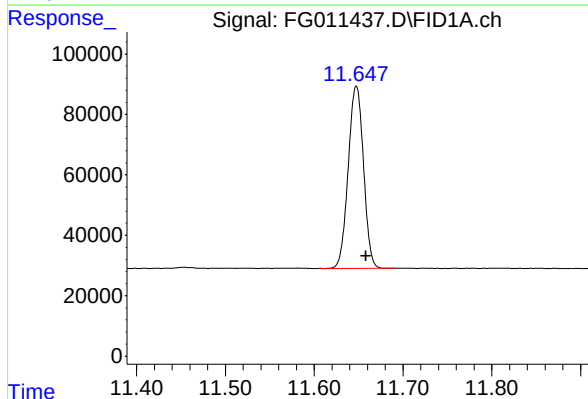
#4 N-TETRADECANE

R.T.: 8.589 min  
Delta R.T.: -0.009 min  
Response: 690474  
Conc: 5.59 ug/ml



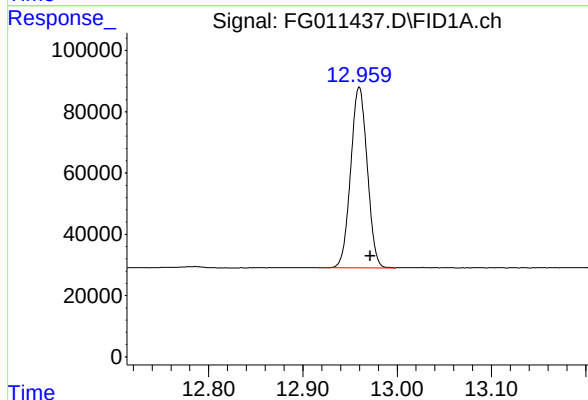
#5 N-HEXADECANE

R.T.: 10.201 min  
Delta R.T.: -0.010 min  
Response: 716180  
Conc: 5.68 ug/ml



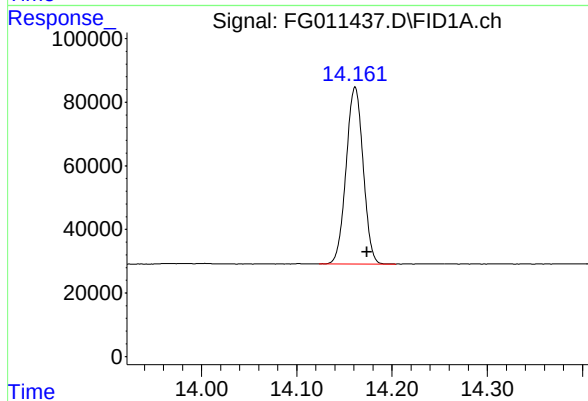
#6 N-OCTADECANE

R.T.: 11.648 min  
Delta R.T.: -0.011 min  
Response: 721814  
Conc: 5.72 ug/ml



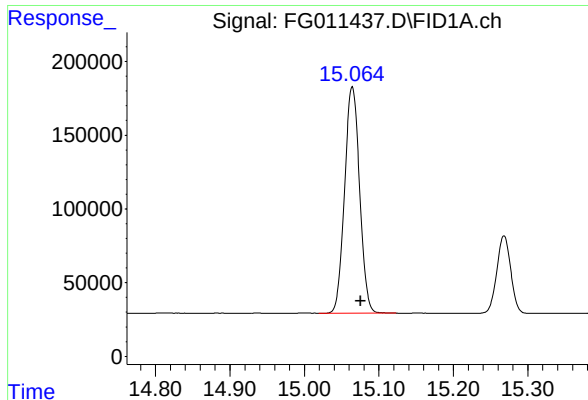
#7 N-EICOSANE

R.T.: 12.960 min  
Delta R.T.: -0.012 min  
Response: 719598  
Conc: 5.75 ug/ml



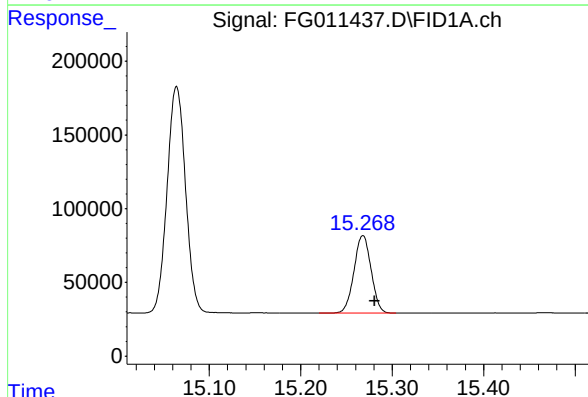
#8 N-DOCOSANE

R.T.: 14.161 min  
Delta R.T.: -0.012 min  
Response: 690742  
Conc: 5.76 ug/ml



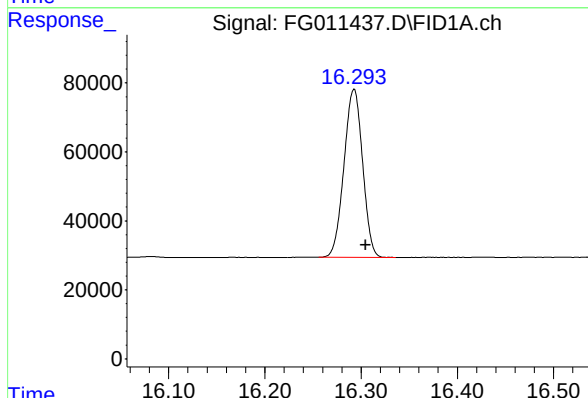
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.064 min  
Delta R.T.: -0.011 min  
Response: 2149345  
Conc: 20.43 ug/ml



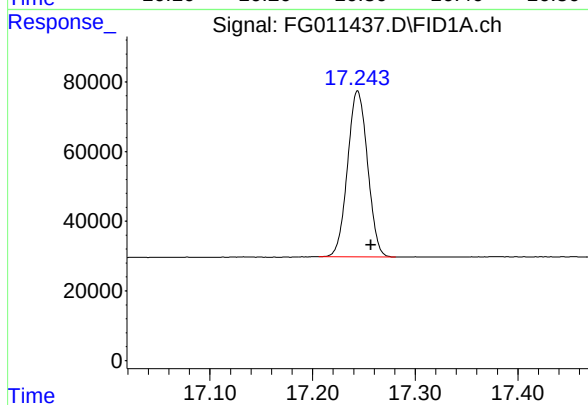
#10 N-TETRACOSANE

R.T.: 15.268 min  
Delta R.T.: -0.013 min  
Response: 680130  
Conc: 5.76 ug/ml



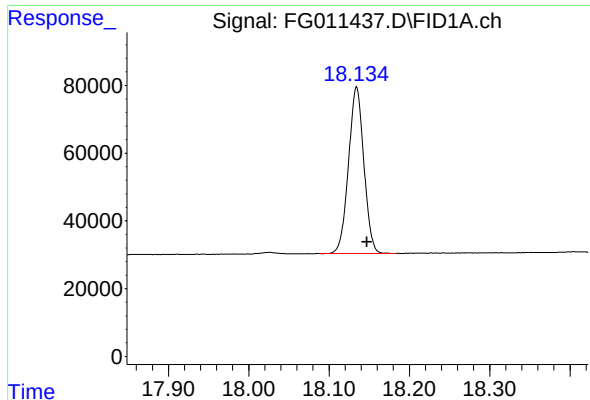
#11 N-HEXACOSANE

R.T.: 16.293 min  
Delta R.T.: -0.012 min  
Response: 656774  
Conc: 5.77 ug/ml



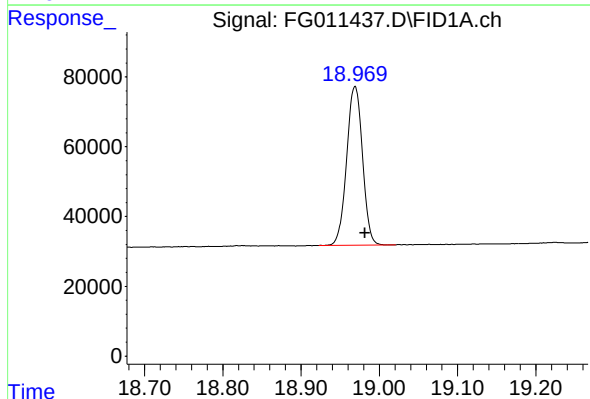
#12 N-OCTACOSANE

R.T.: 17.244 min  
Delta R.T.: -0.013 min  
Response: 645078  
Conc: 5.88 ug/ml



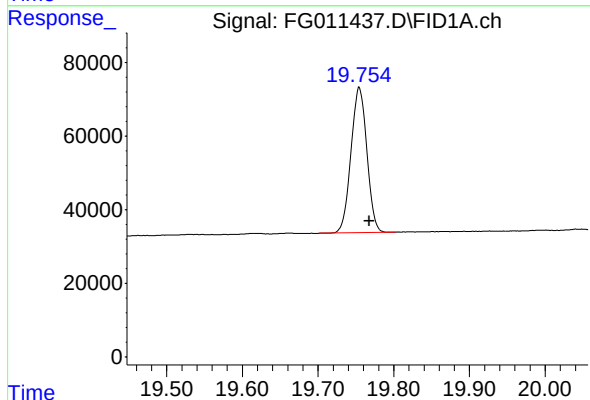
#13 N-TRIACONTANE

R.T.: 18.134 min  
Delta R.T.: -0.013 min  
Response: 653266  
Conc: 6.16 ug/ml



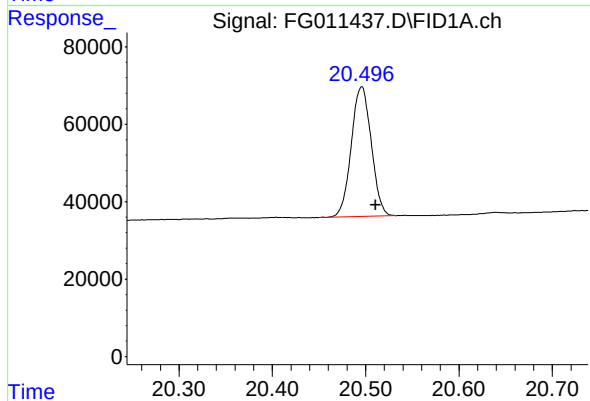
#14 N-DOTRIACONTANE

R.T.: 18.969 min  
Delta R.T.: -0.012 min  
Response: 640069  
Conc: 6.34 ug/ml



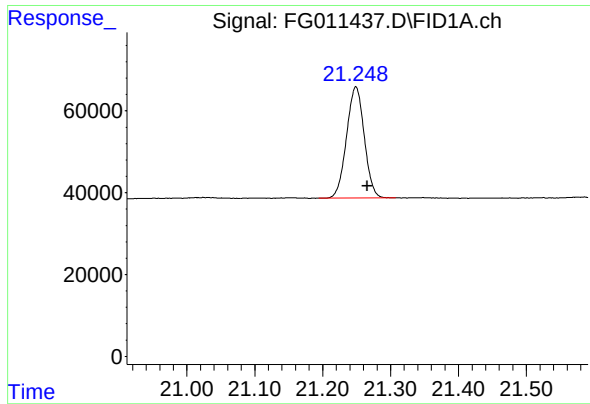
#15 N-TETRATRIACONTANE

R.T.: 19.754 min  
Delta R.T.: -0.013 min  
Response: 577344  
Conc: 6.12 ug/ml



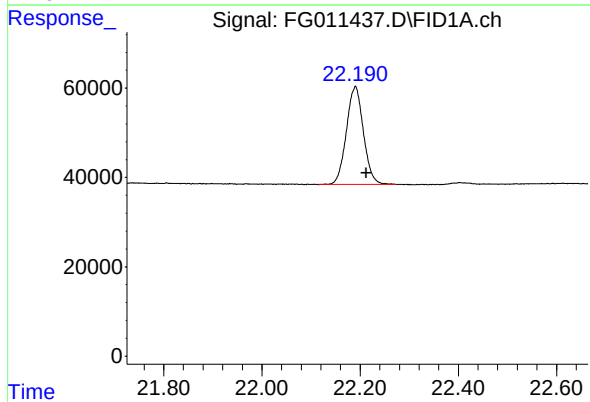
#16 N-HEXATRIACONTANE

R.T.: 20.496 min  
Delta R.T.: -0.015 min  
Response: 500041  
Conc: 5.58 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.249 min  
Delta R.T.: -0.017 min  
Response: 492964  
Conc: 5.25 ug/ml



#18 N-TETRACONTANE

R.T.: 22.191 min  
Delta R.T.: -0.022 min  
Response: 527299  
Conc: 5.20 ug/ml