

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG022223\  
 Data File : FG011425.D  
 Signal(s) : FID1A.ch  
 Acq On : 22 Feb 2023 11:49  
 Operator : YP\AJ  
 Sample : 01627-04  
 Misc : 2.5 PPM SOIL LOD  
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 23 01:46:59 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... | 15.065 | 1988959  | 18.910 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.075  | 285487   | 2.403 ug/ml  |
| 2) N-DECANE                   | 4.591  | 317912   | 2.610 ug/ml  |
| 3) N-DODECANE                 | 6.759  | 321278   | 2.598 ug/ml  |
| 4) N-TETRADECANE              | 8.590  | 307375   | 2.488 ug/ml  |
| 5) N-HEXADECANE               | 10.201 | 333292   | 2.642 ug/ml  |
| 6) N-OCTADECANE               | 11.648 | 334469   | 2.649 ug/ml  |
| 7) N-EICOSANE                 | 12.961 | 332830   | 2.659 ug/ml  |
| 8) N-DOCOSANE                 | 14.161 | 317842   | 2.649 ug/ml  |
| 10) N-TETRACOSANE             | 15.267 | 314244   | 2.663 ug/ml  |
| 11) N-HEXACOSANE              | 16.292 | 301691   | 2.650 ug/ml  |
| 12) N-OCTACOSANE              | 17.244 | 292002   | 2.661 ug/ml  |
| 13) N-TRIACONTANE             | 18.134 | 287296   | 2.711 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.970 | 279279   | 2.768 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.756 | 253177   | 2.686 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.497 | 220354   | 2.461 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.250 | 220009   | 2.341 ug/ml  |
| 18) N-TETRACONTANE            | 22.192 | 247310   | 2.438 ug/ml  |
| -----                         |        |          |              |

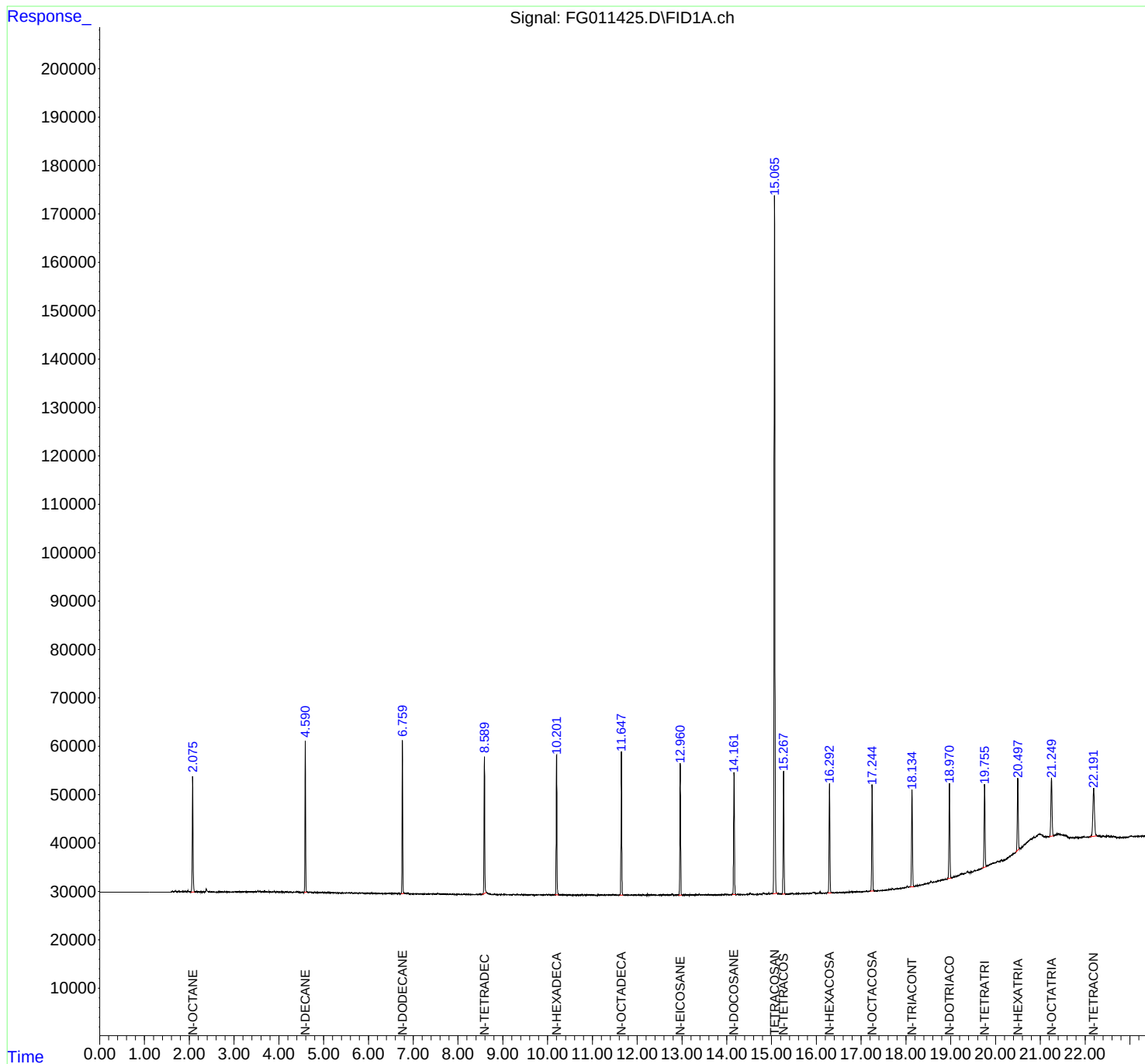
(f)=RT Delta > 1/2 Window

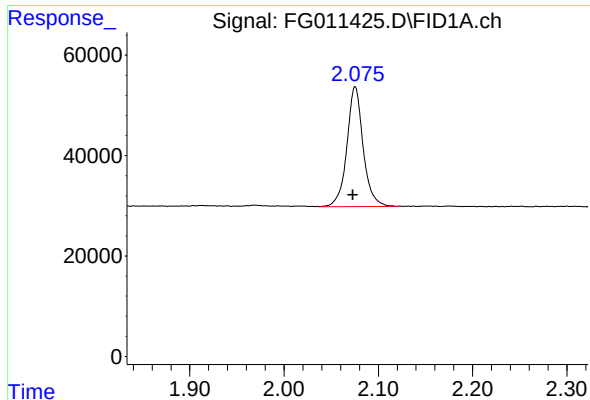
(m)=manual int.

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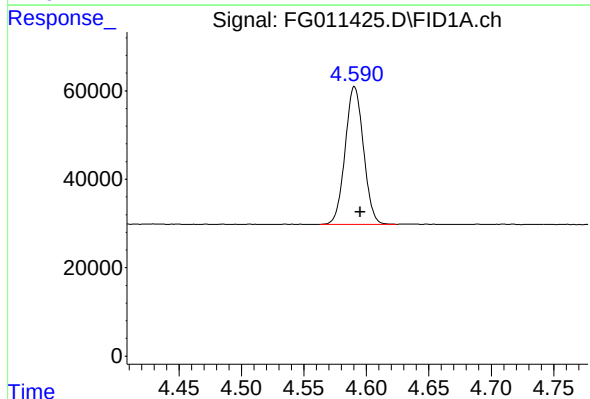
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





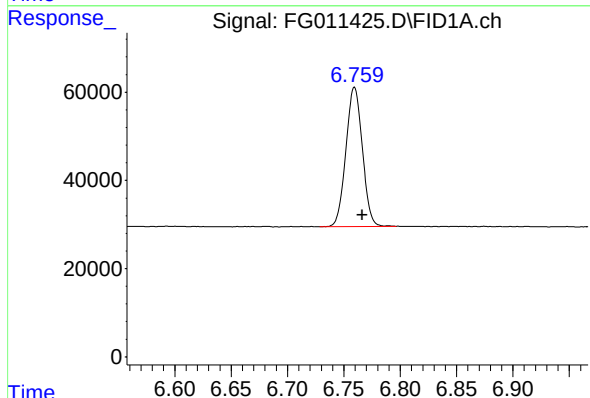
#1 N-OCTANE

R.T.: 2.075 min  
Delta R.T.: 0.002 min  
Response: 285487  
Conc: 2.40 ug/ml



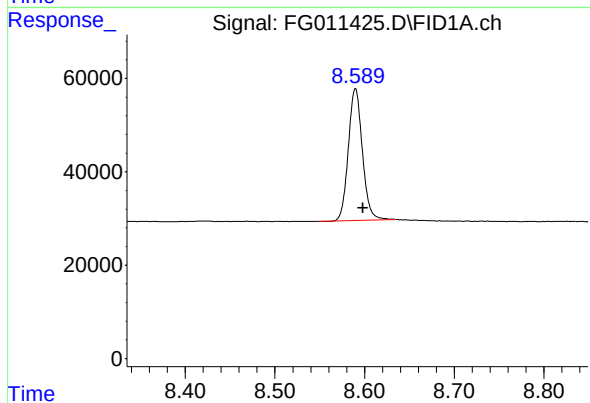
#2 N-DECANE

R.T.: 4.591 min  
Delta R.T.: -0.005 min  
Response: 317912  
Conc: 2.61 ug/ml



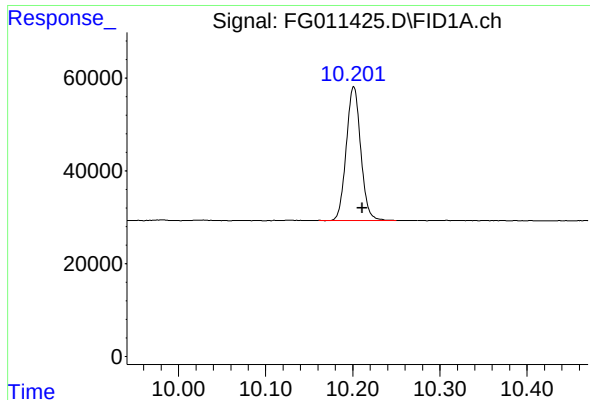
#3 N-DODECANE

R.T.: 6.759 min  
Delta R.T.: -0.007 min  
Response: 321278  
Conc: 2.60 ug/ml



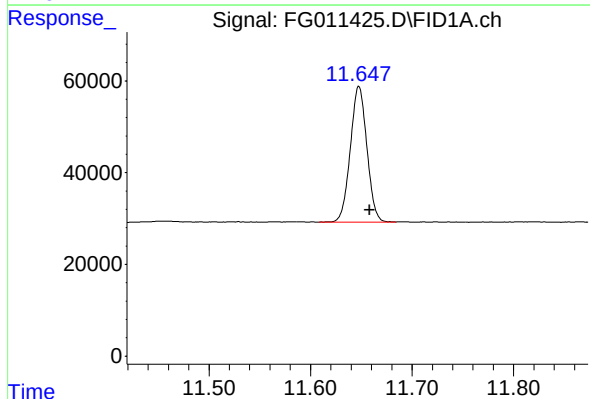
#4 N-TETRADECANE

R.T.: 8.590 min  
Delta R.T.: -0.008 min  
Response: 307375  
Conc: 2.49 ug/ml



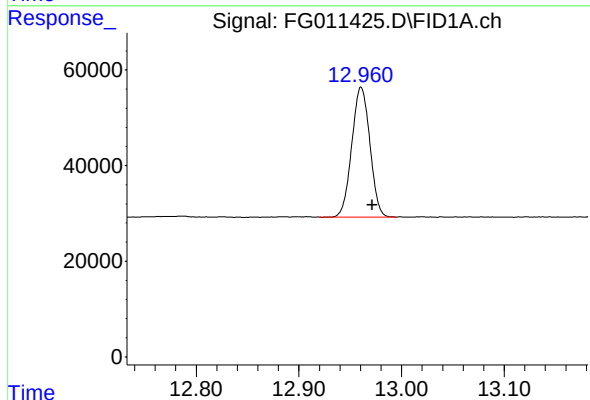
#5 N-HEXADECANE

R.T.: 10.201 min  
Delta R.T.: -0.010 min  
Response: 333292  
Conc: 2.64 ug/ml



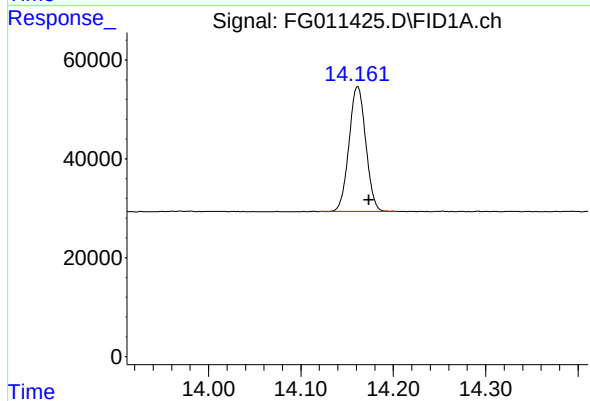
#6 N-OCTADECANE

R.T.: 11.648 min  
Delta R.T.: -0.011 min  
Response: 334469  
Conc: 2.65 ug/ml



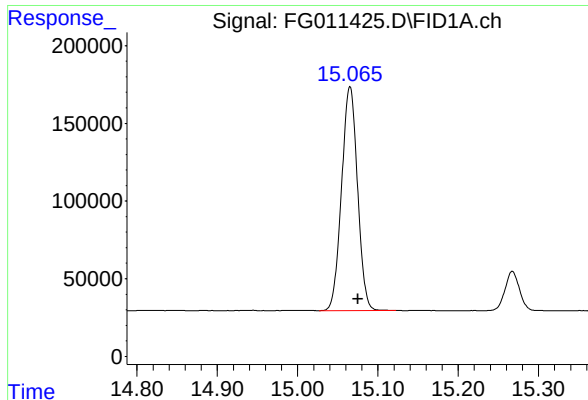
#7 N-EICOSANE

R.T.: 12.961 min  
Delta R.T.: -0.011 min  
Response: 332830  
Conc: 2.66 ug/ml



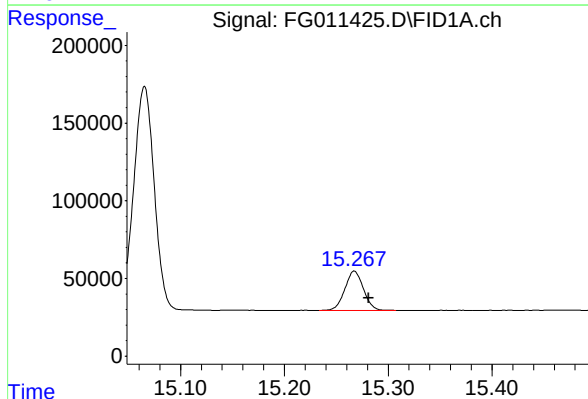
#8 N-DOCOSANE

R.T.: 14.161 min  
Delta R.T.: -0.012 min  
Response: 317842  
Conc: 2.65 ug/ml



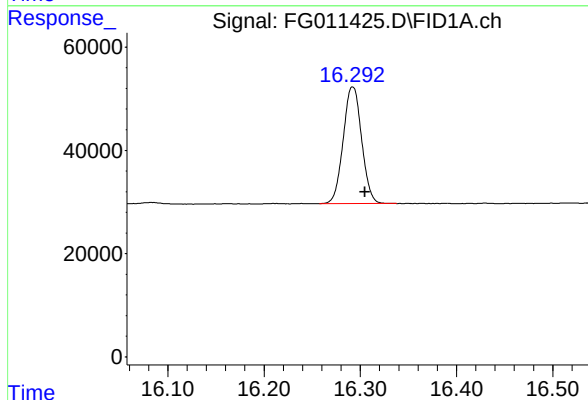
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.065 min  
Delta R.T.: -0.010 min  
Response: 1988959  
Conc: 18.91 ug/ml



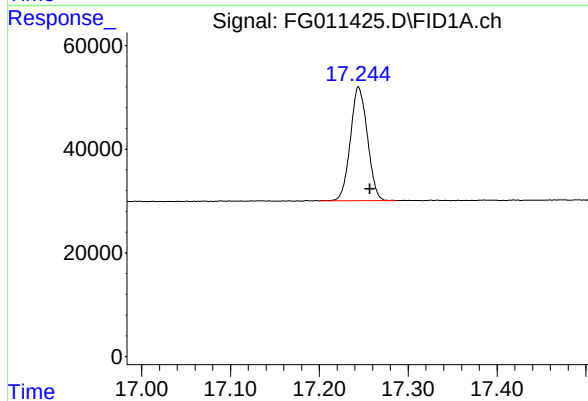
#10 N-TETRACOSANE

R.T.: 15.267 min  
Delta R.T.: -0.014 min  
Response: 314244  
Conc: 2.66 ug/ml



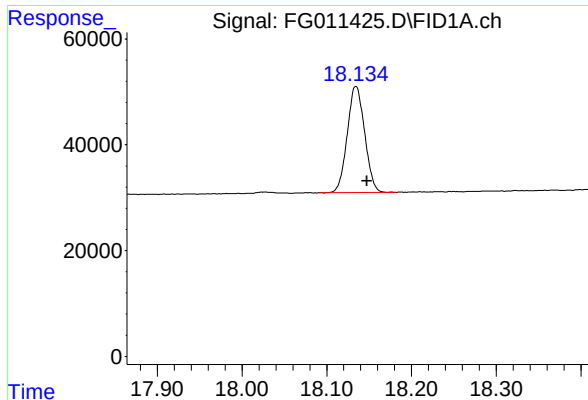
#11 N-HEXACOSANE

R.T.: 16.292 min  
Delta R.T.: -0.012 min  
Response: 301691  
Conc: 2.65 ug/ml



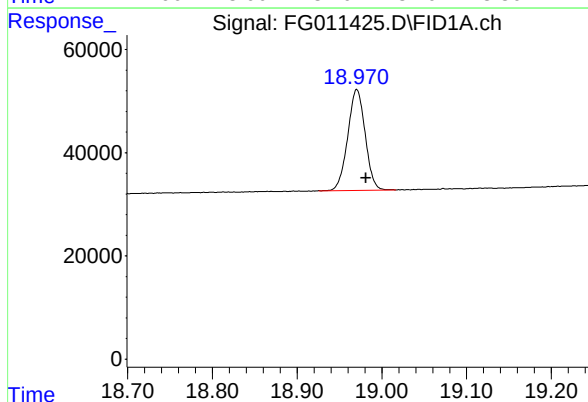
#12 N-OCTACOSANE

R.T.: 17.244 min  
Delta R.T.: -0.013 min  
Response: 292002  
Conc: 2.66 ug/ml



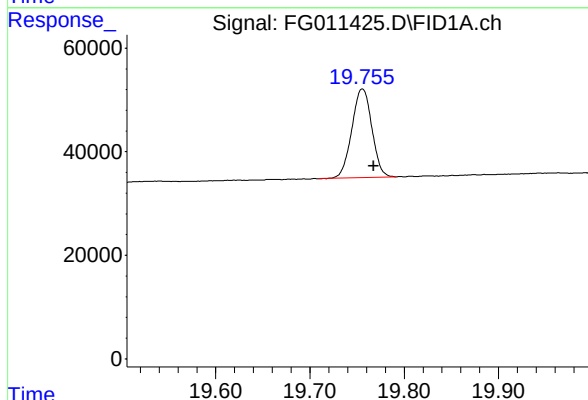
#13 N-TRIACONTANE

R.T.: 18.134 min  
Delta R.T.: -0.013 min  
Response: 287296  
Conc: 2.71 ug/ml



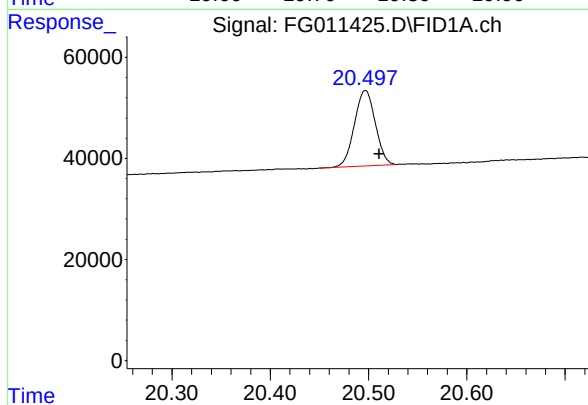
#14 N-DOTRIACONTANE

R.T.: 18.970 min  
Delta R.T.: -0.011 min  
Response: 279279  
Conc: 2.77 ug/ml



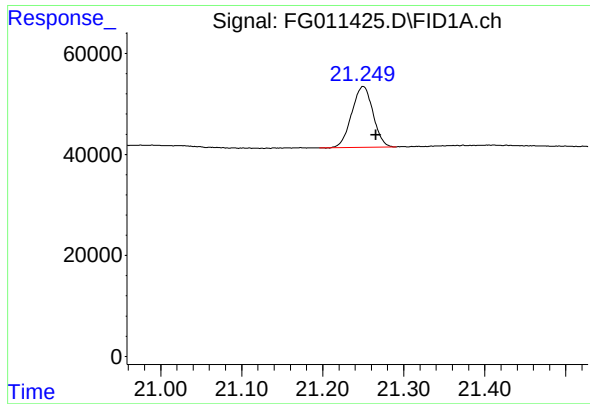
#15 N-TETRATRIACONTANE

R.T.: 19.756 min  
Delta R.T.: -0.012 min  
Response: 253177  
Conc: 2.69 ug/ml



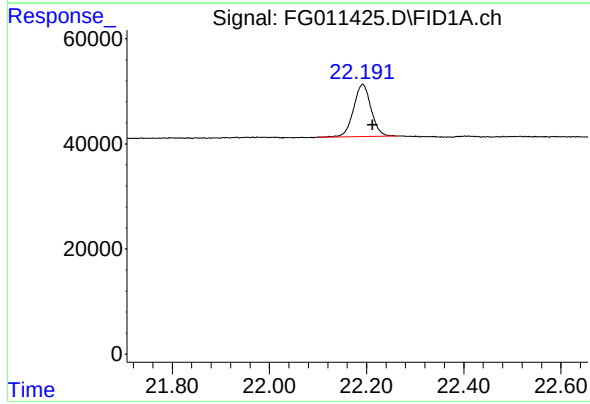
#16 N-HEXATRIACONTANE

R.T.: 20.497 min  
Delta R.T.: -0.014 min  
Response: 220354  
Conc: 2.46 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.250 min  
Delta R.T.: -0.016 min  
Response: 220009  
Conc: 2.34 ug/ml



#18 N-TETRACONTANE

R.T.: 22.192 min  
Delta R.T.: -0.020 min  
Response: 247310  
Conc: 2.44 ug/ml