

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG040721\  
 Data File : FG007798.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Apr 2021 13:16  
 Operator : DD\AJ  
 Sample : M1458-03  
 Misc : MDL-SOIL- 1 PPM  
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 08 02:07:16 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG040521.M  
 Quant Title :  
 QLast Update : Tue Apr 06 03:05:53 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... | 14.772 | 2934377  | 19.650 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.374  | 142534   | 0.891 ug/ml  |
| 2) N-DECANE                   | 4.481  | 156651   | 0.945 ug/ml  |
| 3) N-DODECANE                 | 6.507  | 160752   | 0.958 ug/ml  |
| 4) N-TETRADECANE              | 8.307  | 165594   | 0.962 ug/ml  |
| 5) N-HEXADECANE               | 9.910  | 165481   | 0.963 ug/ml  |
| 6) N-OCTADECANE               | 11.356 | 165268   | 0.947 ug/ml  |
| 7) N-EICOSANE                 | 12.668 | 165702   | 0.956 ug/ml  |
| 8) N-DOCOSANE                 | 13.868 | 166774   | 0.969 ug/ml  |
| 10) N-TETRACOSANE             | 14.973 | 166943   | 0.977 ug/ml  |
| 11) N-HEXACOSANE              | 15.996 | 172224   | 1.035 ug/ml  |
| 12) N-OCTACOSANE              | 16.946 | 191598   | 1.178 ug/ml  |
| 13) N-TRIACONTANE             | 17.834 | 248433   | 1.581 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.668 | 250382   | 1.640 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.450 | 202407   | 1.523 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.189 | 146991   | 1.263 ug/ml  |
| 17) N-OCTATRIACONTANE         | 20.947 | 122174   | 1.166 ug/ml  |
| 18) N-TETRACONTANE            | 21.904 | 108948   | 1.099 ug/mlm |
| -----                         |        |          |              |

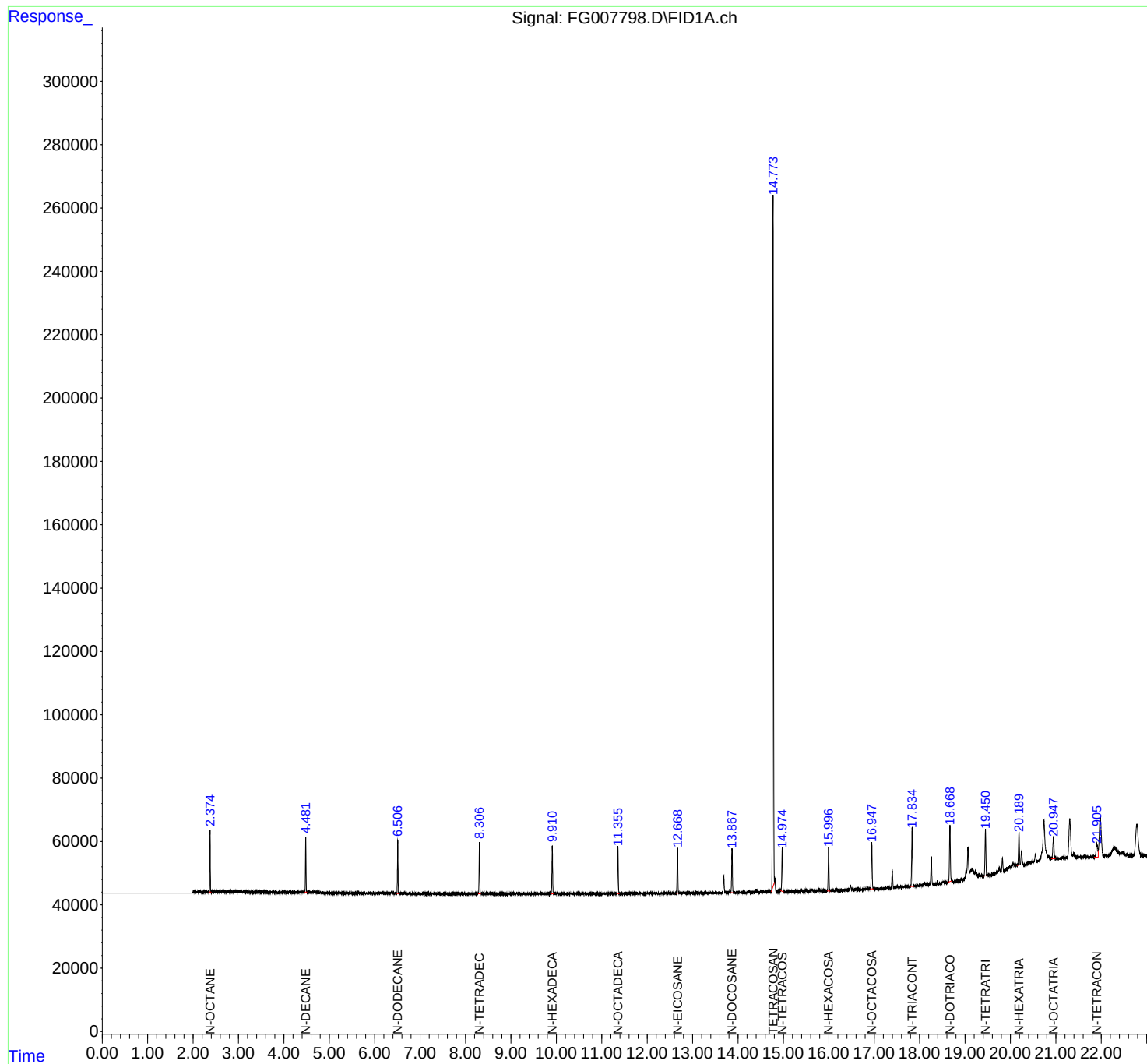
(f)=RT Delta > 1/2 Window

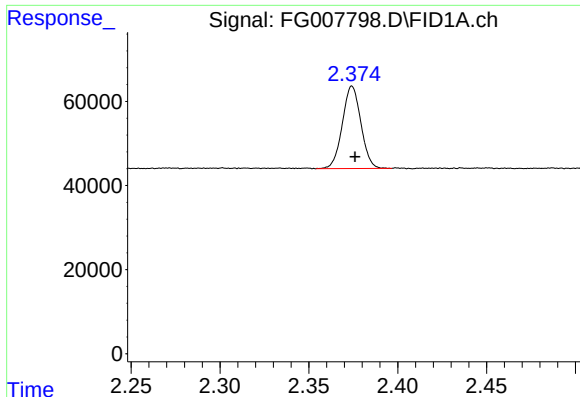
(m)=manual int.

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Quant Title :  
QLast Update : Tue Apr 06 03:05:53 2021  
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Integrator: ChemStation

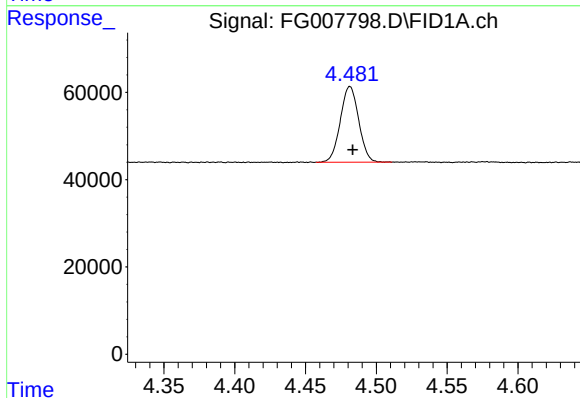
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





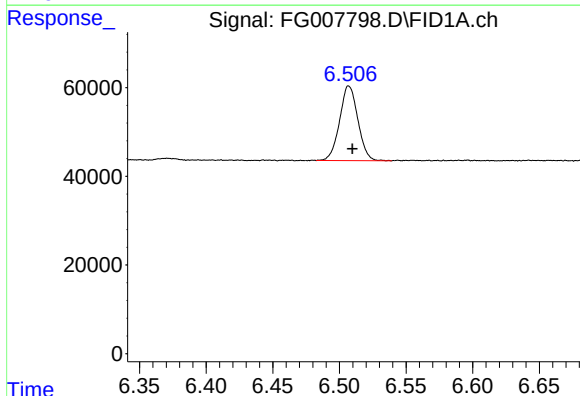
#1 N-OCTANE

R.T.: 2.374 min  
Delta R.T.: -0.002 min  
Response: 142534  
Conc: 0.89 ug/ml



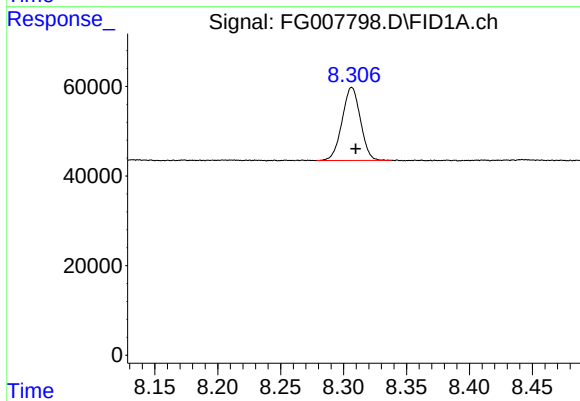
#2 N-DECANE

R.T.: 4.481 min  
Delta R.T.: -0.002 min  
Response: 156651  
Conc: 0.94 ug/ml



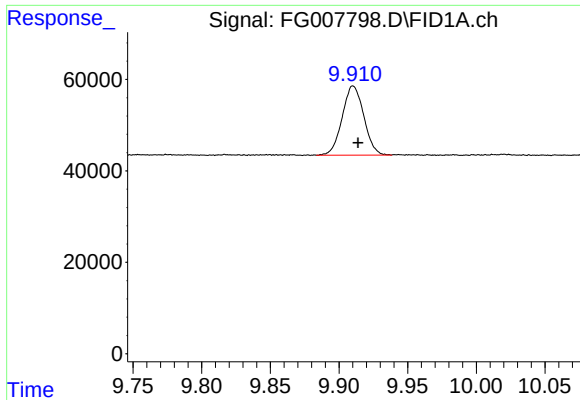
#3 N-DODECANE

R.T.: 6.507 min  
Delta R.T.: -0.002 min  
Response: 160752  
Conc: 0.96 ug/ml



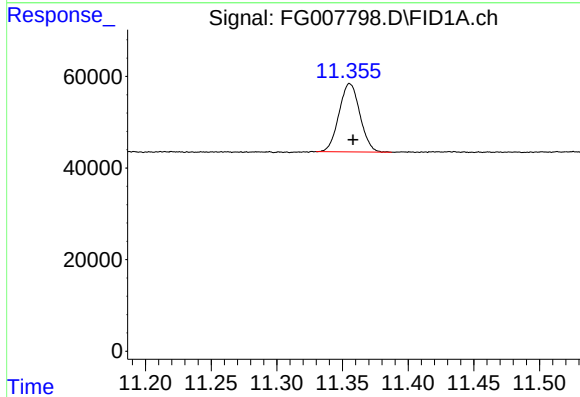
#4 N-TETRADECANE

R.T.: 8.307 min  
Delta R.T.: -0.003 min  
Response: 165594  
Conc: 0.96 ug/ml



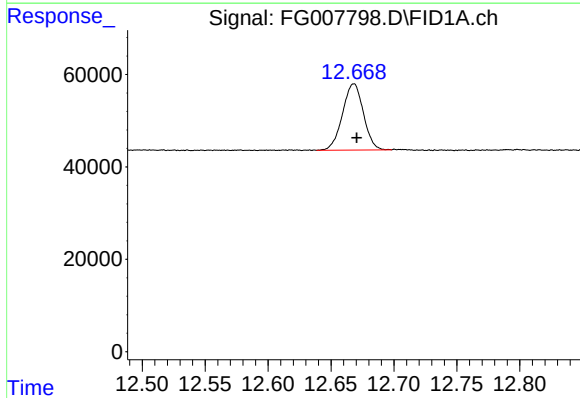
#5 N-HEXADECANE

R.T.: 9.910 min  
Delta R.T.: -0.004 min  
Response: 165481  
Conc: 0.96 ug/ml



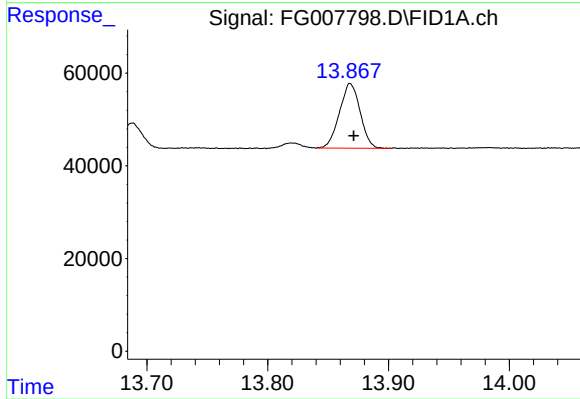
#6 N-OCTADECANE

R.T.: 11.356 min  
Delta R.T.: -0.003 min  
Response: 165268  
Conc: 0.95 ug/ml



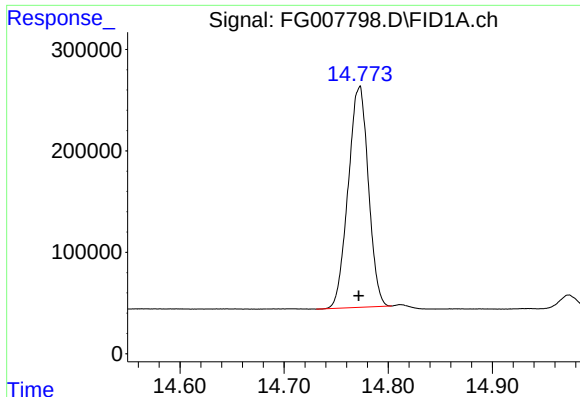
#7 N-EICOSANE

R.T.: 12.668 min  
Delta R.T.: -0.002 min  
Response: 165702  
Conc: 0.96 ug/ml



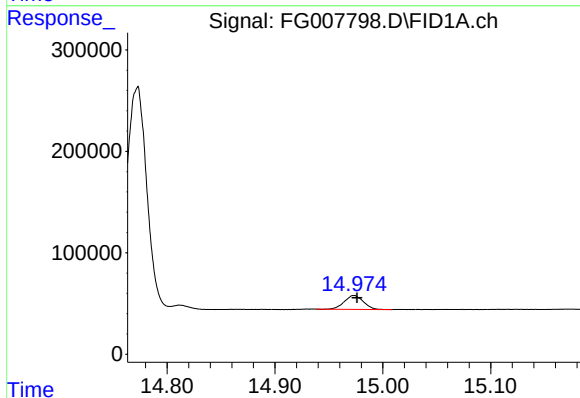
#8 N-DOCOSANE

R.T.: 13.868 min  
Delta R.T.: -0.003 min  
Response: 166774  
Conc: 0.97 ug/ml



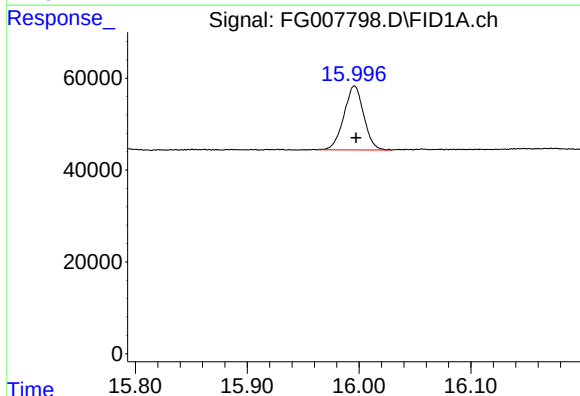
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.772 min  
Delta R.T.: 0.000 min  
Response: 2934377  
Conc: 19.65 ug/ml



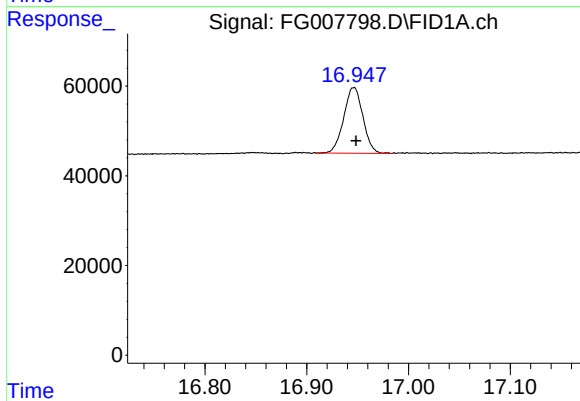
#10 N-TETRACOSANE

R.T.: 14.973 min  
Delta R.T.: -0.003 min  
Response: 166943  
Conc: 0.98 ug/ml



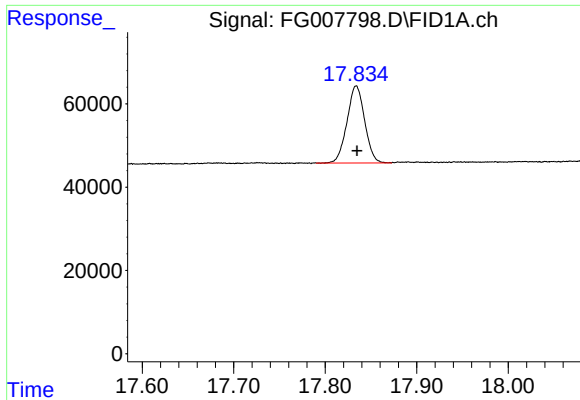
#11 N-HEXACOSANE

R.T.: 15.996 min  
Delta R.T.: -0.001 min  
Response: 172224  
Conc: 1.03 ug/ml



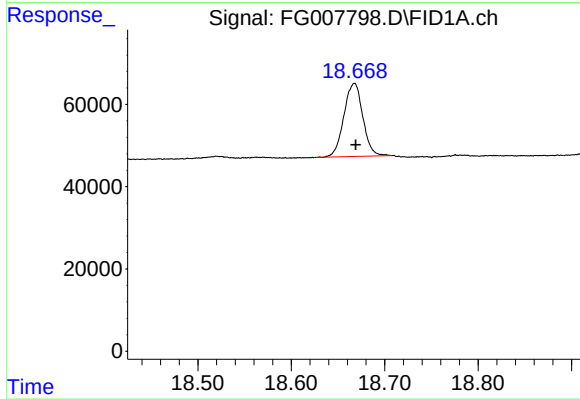
#12 N-OCTACOSANE

R.T.: 16.946 min  
Delta R.T.: -0.002 min  
Response: 191598  
Conc: 1.18 ug/ml



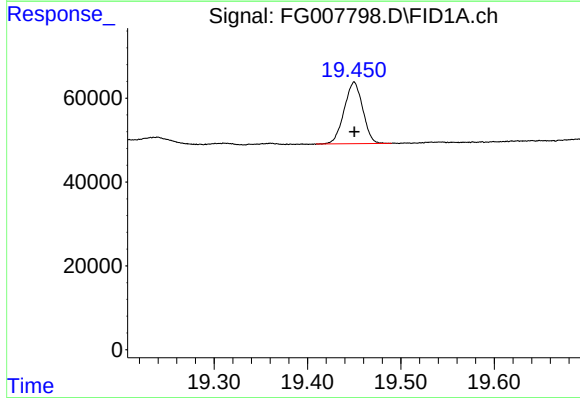
#13 N-TRIACONTANE

R.T.: 17.834 min  
Delta R.T.: -0.001 min  
Response: 248433  
Conc: 1.58 ug/ml



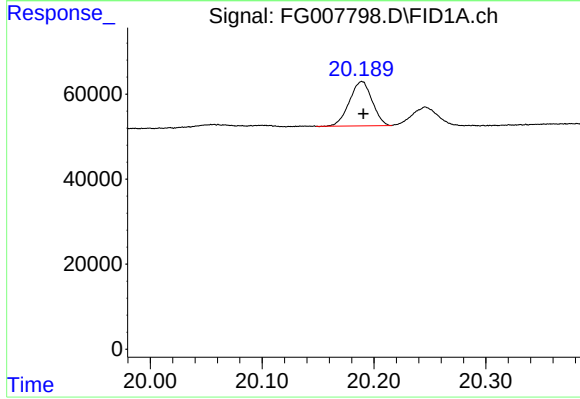
#14 N-DOTRIACONTANE

R.T.: 18.668 min  
Delta R.T.: -0.001 min  
Response: 250382  
Conc: 1.64 ug/ml



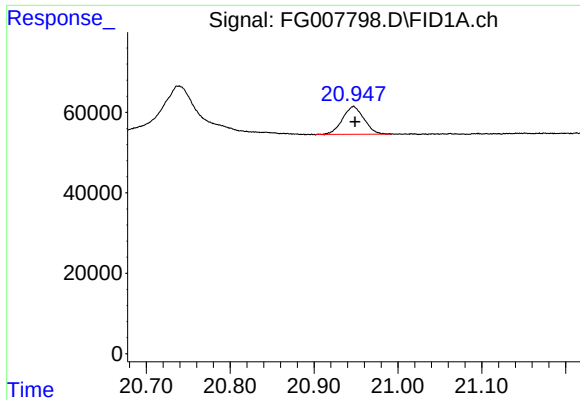
#15 N-TETRATRIACONTANE

R.T.: 19.450 min  
Delta R.T.: 0.000 min  
Response: 202407  
Conc: 1.52 ug/ml



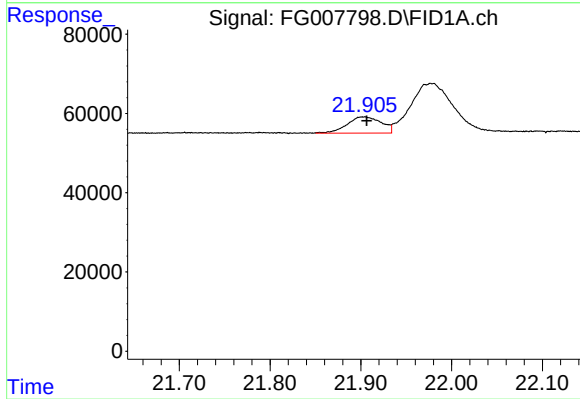
#16 N-HEXATRIACONTANE

R.T.: 20.189 min  
Delta R.T.: -0.001 min  
Response: 146991  
Conc: 1.26 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.947 min  
Delta R.T.: -0.002 min  
Response: 122174  
Conc: 1.17 ug/ml



#18 N-TETRACONTANE

R.T.: 21.904 min  
Delta R.T.: -0.002 min  
Response: 108948  
Conc: 1.10 ug/ml m