

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG021623\  
 Data File : FG011395.D  
 Signal(s) : FID1A.ch  
 Acq On : 16 Feb 2023 16:35  
 Operator : YP\AJ  
 Sample : 01574-01MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 17 04:17:08 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG013023.M  
 Quant Title :  
 QLast Update : Mon Jan 30 21:53:23 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... | 15.076 | 2280854  | 17.281 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.075  | 2056081  | 15.616 ug/ml  |
| 2) N-DECANE                   | 4.594  | 2568643  | 18.485 ug/ml  |
| 3) N-DODECANE                 | 6.763  | 2672087  | 18.797 ug/ml  |
| 4) N-TETRADECANE              | 8.595  | 2930676  | 20.437 ug/ml  |
| 5) N-HEXADECANE               | 10.208 | 2772897  | 18.783 ug/ml  |
| 6) N-OCTADECANE               | 11.656 | 2961968  | 19.792 ug/ml  |
| 7) N-EICOSANE                 | 12.971 | 3875219  | 25.733 ug/ml  |
| 8) N-DOCOSANE                 | 14.174 | 3079920  | 20.959 ug/ml  |
| 10) N-TETRACOSANE             | 15.282 | 4252175  | 28.801 ug/ml  |
| 11) N-HEXACOSANE              | 16.307 | 2931124  | 20.233 ug/ml  |
| 12) N-OCTACOSANE              | 17.262 | 4099922  | 28.846 ug/ml  |
| 13) N-TRIACONTANE             | 18.155 | 8157036  | 58.510 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.993 | 6722094  | 48.359 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.780 | 7924765  | 63.615 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.526 | 9911959  | 85.431 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.286 | 12628515 | 114.329 ug/ml |
| 18) N-TETRACONTANE            | 22.241 | 3768185  | 33.505 ug/ml  |
| -----                         |        |          |               |

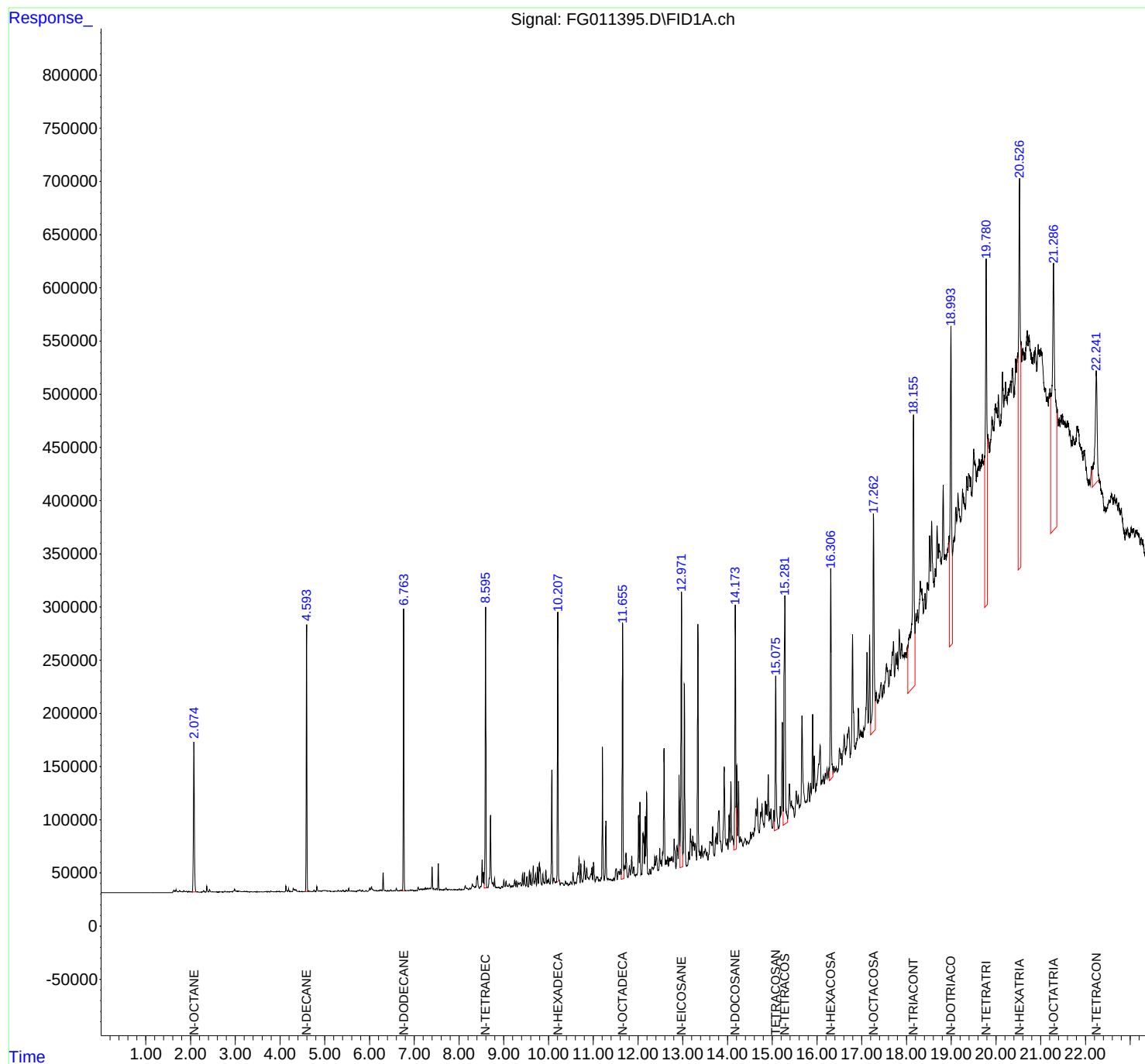
(f)=RT Delta > 1/2 Window

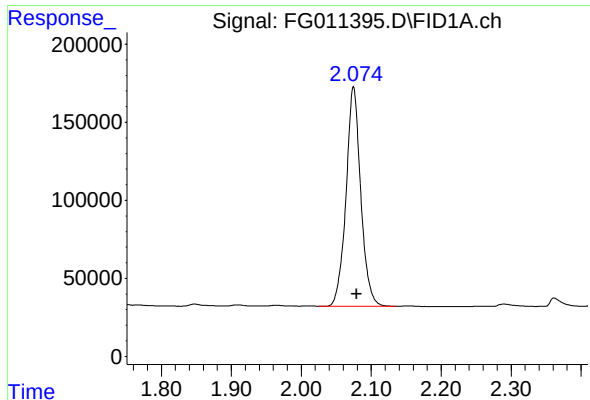
(m)=manual int.

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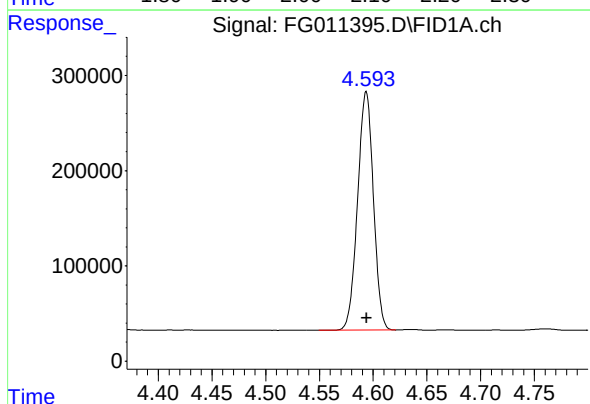
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





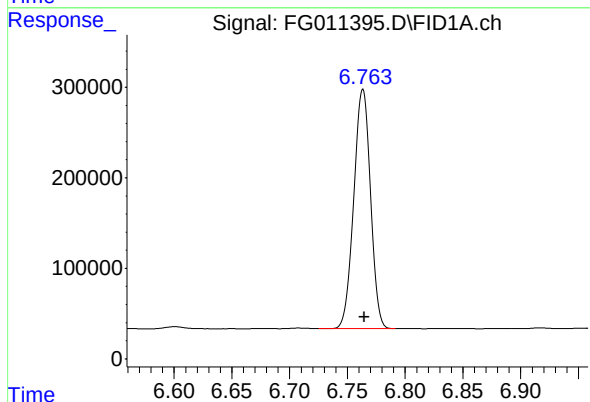
#1 N-OCTANE

R.T.: 2.075 min  
Delta R.T.: -0.004 min  
Response: 2056081  
Conc: 15.62 ug/ml



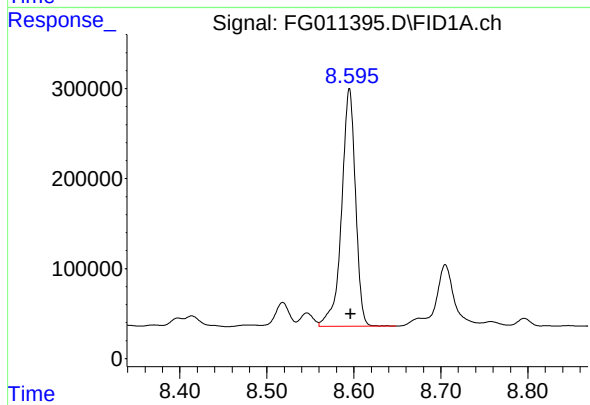
#2 N-DECANE

R.T.: 4.594 min  
Delta R.T.: 0.000 min  
Response: 2568643  
Conc: 18.48 ug/ml



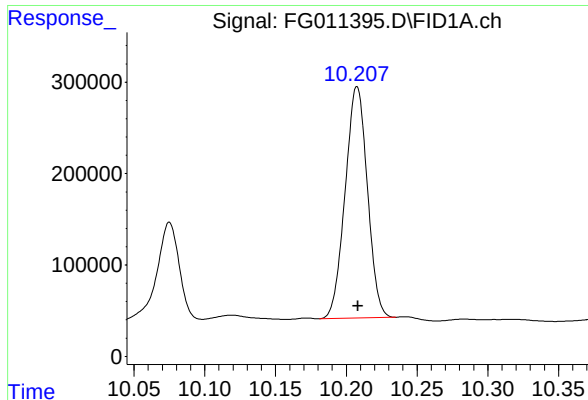
#3 N-DODECANE

R.T.: 6.763 min  
Delta R.T.: -0.001 min  
Response: 2672087  
Conc: 18.80 ug/ml



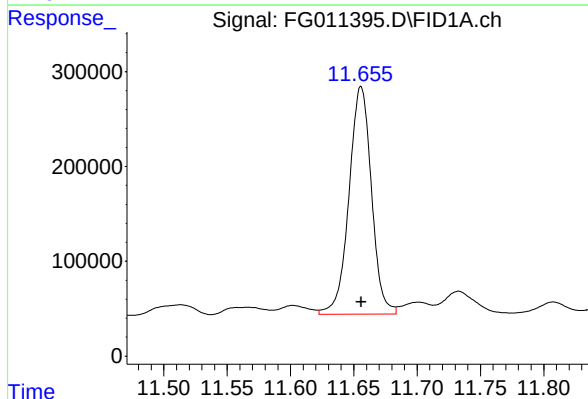
#4 N-TETRADECANE

R.T.: 8.595 min  
Delta R.T.: -0.001 min  
Response: 2930676  
Conc: 20.44 ug/ml



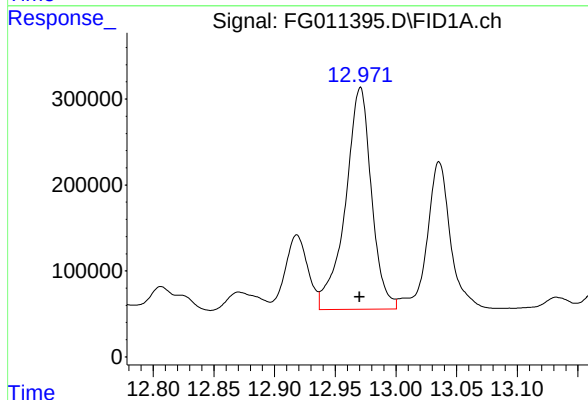
#5 N-HEXADECANE

R.T.: 10.208 min  
Delta R.T.: 0.000 min  
Response: 2772897  
Conc: 18.78 ug/ml



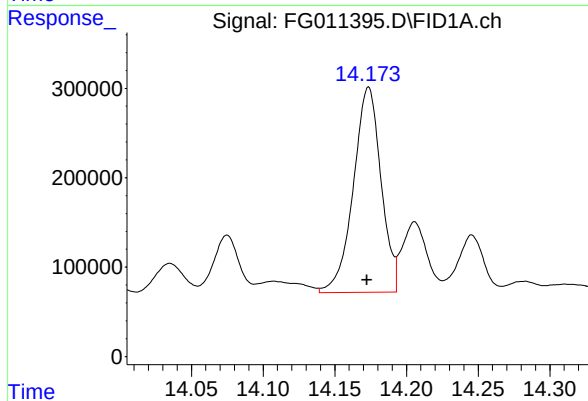
#6 N-OCTADECANE

R.T.: 11.656 min  
Delta R.T.: 0.000 min  
Response: 2961968  
Conc: 19.79 ug/ml



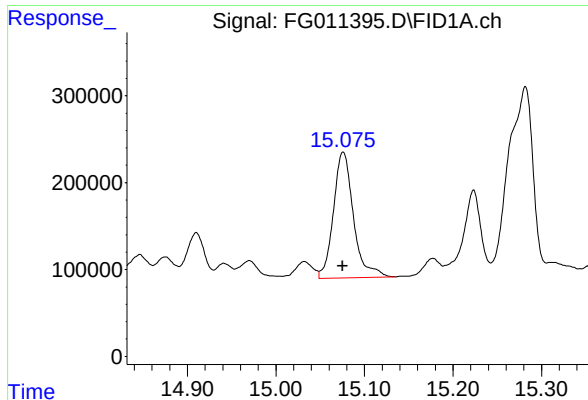
#7 N-EICOSANE

R.T.: 12.971 min  
Delta R.T.: 0.000 min  
Response: 3875219  
Conc: 25.73 ug/ml



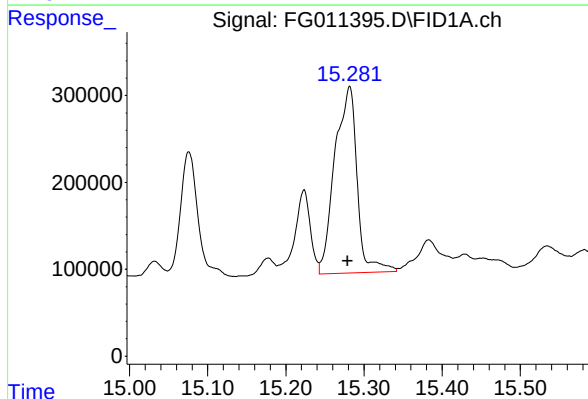
#8 N-DOCOSANE

R.T.: 14.174 min  
Delta R.T.: 0.000 min  
Response: 3079920  
Conc: 20.96 ug/ml



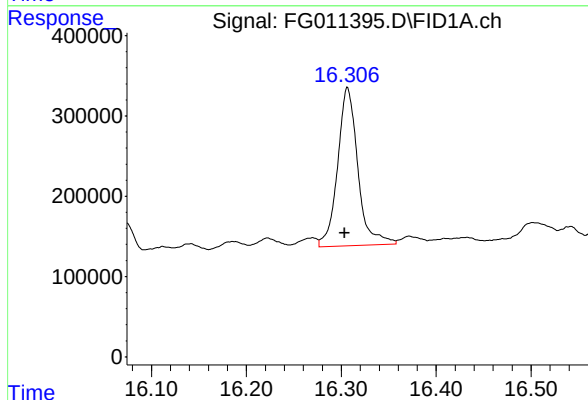
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.076 min  
Delta R.T.: 0.000 min  
Response: 2280854  
Conc: 17.28 ug/ml



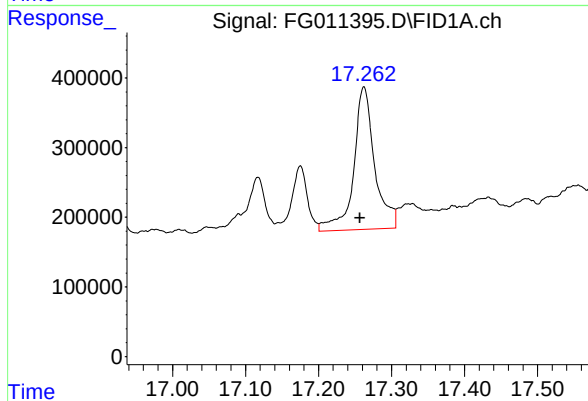
#10 N-TETRACOSANE

R.T.: 15.282 min  
Delta R.T.: 0.003 min  
Response: 4252175  
Conc: 28.80 ug/ml



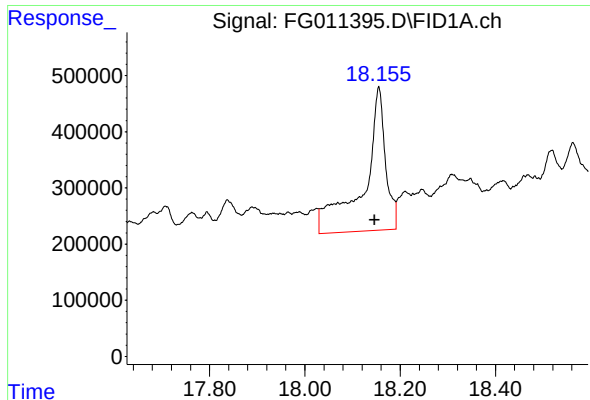
#11 N-HEXACOSANE

R.T.: 16.307 min  
Delta R.T.: 0.003 min  
Response: 2931124  
Conc: 20.23 ug/ml



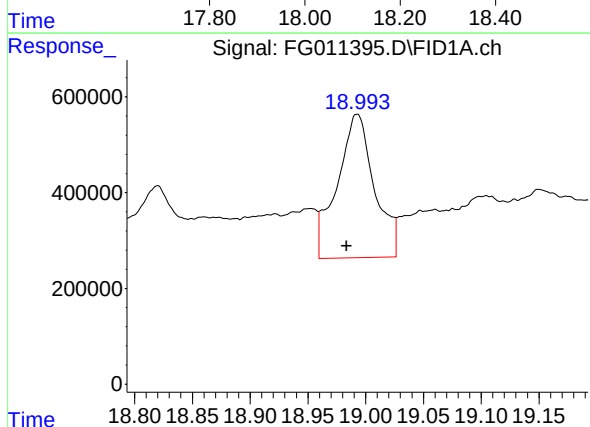
#12 N-OCTACOSANE

R.T.: 17.262 min  
Delta R.T.: 0.005 min  
Response: 4099922  
Conc: 28.85 ug/ml



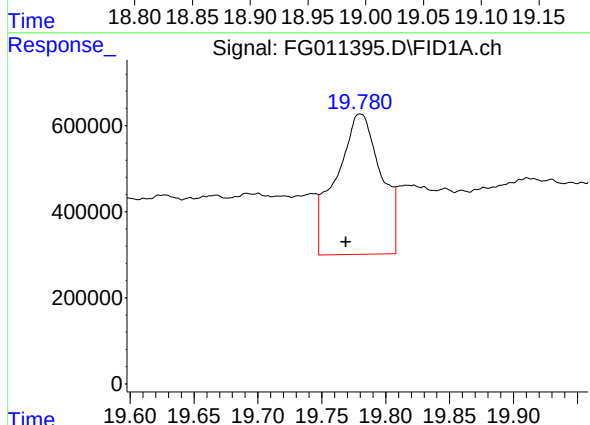
#13 N-TRIACONTANE

R.T.: 18.155 min  
Delta R.T.: 0.009 min  
Response: 8157036  
Conc: 58.51 ug/ml



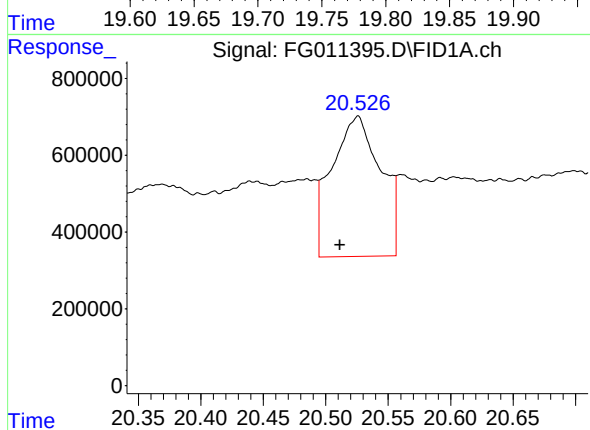
#14 N-DOTRIACONTANE

R.T.: 18.993 min  
Delta R.T.: 0.009 min  
Response: 6722094  
Conc: 48.36 ug/ml



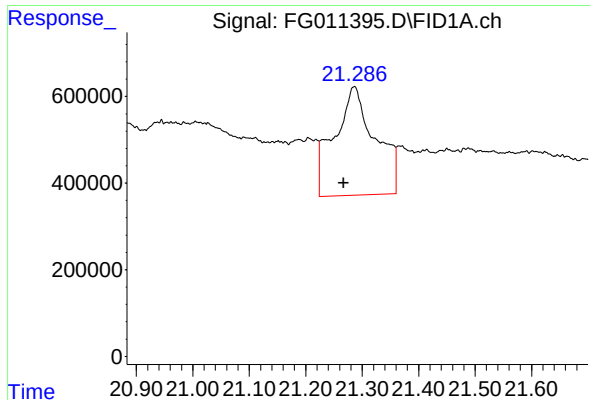
#15 N-TETRATRIACONTANE

R.T.: 19.780 min  
Delta R.T.: 0.011 min  
Response: 7924765  
Conc: 63.61 ug/ml



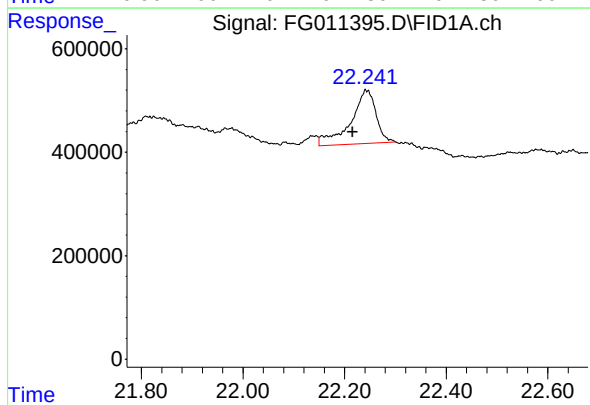
#16 N-HEXATRIACONTANE

R.T.: 20.526 min  
Delta R.T.: 0.015 min  
Response: 9911959  
Conc: 85.43 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.286 min  
Delta R.T.: 0.019 min  
Response: 12628515  
Conc: 114.33 ug/ml



#18 N-TETRACONTANE

R.T.: 22.241 min  
Delta R.T.: 0.025 min  
Response: 3768185  
Conc: 33.51 ug/ml