

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG053119\  
 Data File : FG005058.D  
 Signal(s) : FID1A.ch  
 Acq On : 31 May 2019 18:19  
 Operator : AJ\SJ  
 Sample : K2648-03MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 31 23:20:30 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG050919.M  
 Quant Title :  
 QLast Update : Thu May 09 14:52:33 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... | 14.791 | 2795648  | 23.296 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.367  | 1206073  | 8.721 ug/ml  |
| 2) N-DECANE                   | 4.483  | 2323021  | 16.435 ug/ml |
| 3) N-DODECANE                 | 6.514  | 2526487  | 17.610 ug/ml |
| 4) N-TETRADECANE              | 8.318  | 2583087  | 18.000 ug/ml |
| 5) N-HEXADECANE               | 9.925  | 2501798  | 17.320 ug/ml |
| 6) N-OCTADECANE               | 11.372 | 2452887  | 17.204 ug/ml |
| 7) N-EICOSANE                 | 12.685 | 2482218  | 17.515 ug/ml |
| 8) N-DOCOSANE                 | 13.889 | 2476452  | 17.869 ug/ml |
| 10) N-TETRACOSANE             | 14.991 | 3632260  | 26.812 ug/ml |
| 11) N-HEXACOSANE              | 16.017 | 2342526  | 17.839 ug/ml |
| 12) N-OCTACOSANE              | 16.970 | 2901110  | 22.822 ug/ml |
| 13) N-TRIACONTANE             | 17.861 | 3061790  | 24.364 ug/ml |
| 14) N-DOTRIACONTANE           | 18.697 | 2737515  | 22.846 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.484 | 1693626  | 15.049 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.226 | 2227592  | 20.998 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.993 | 2321773  | 23.961 ug/ml |
| 18) N-TETRACONTANE            | 21.963 | 2056278  | 21.112 ug/ml |
| -----                         |        |          |              |

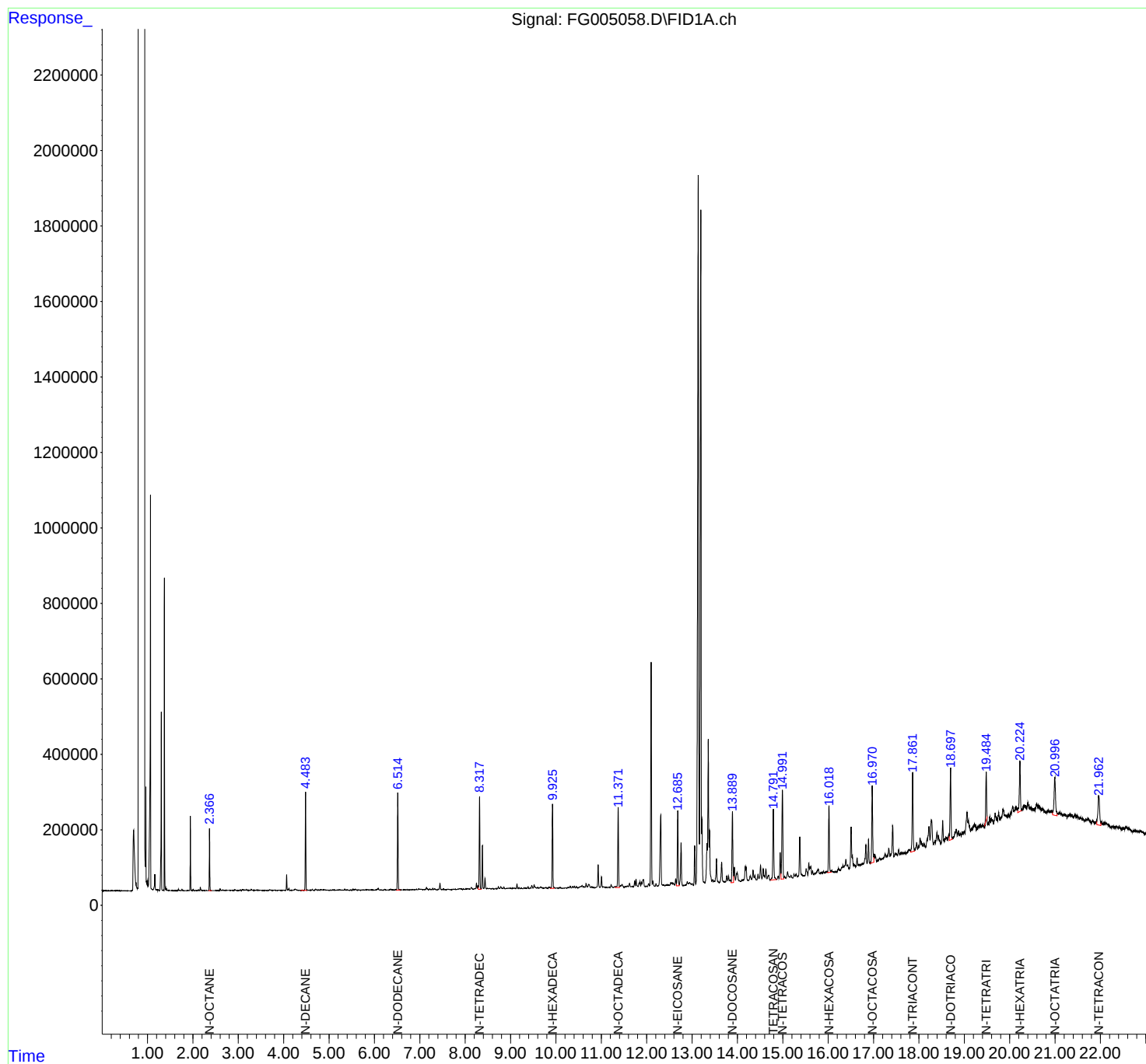
(f)=RT Delta > 1/2 Window

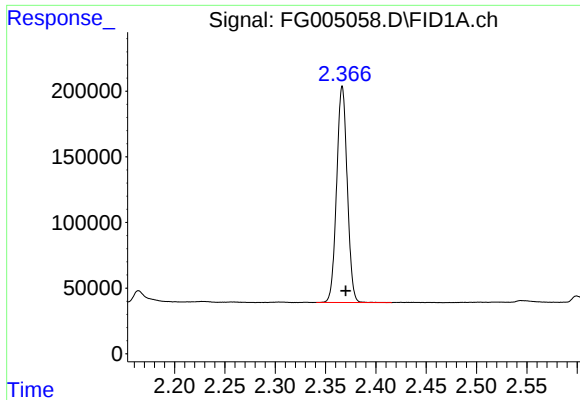
(m)=manual int.

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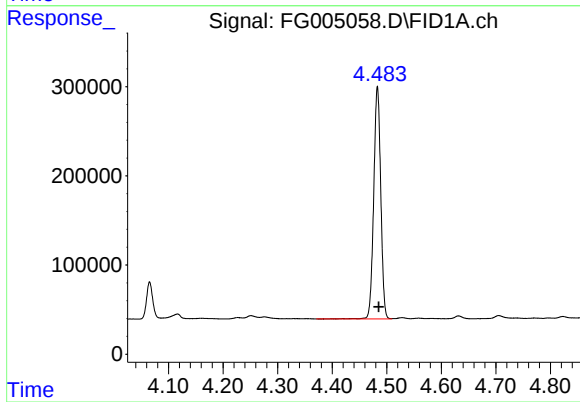
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Signal Info : 20mx0.18mmx0.18um





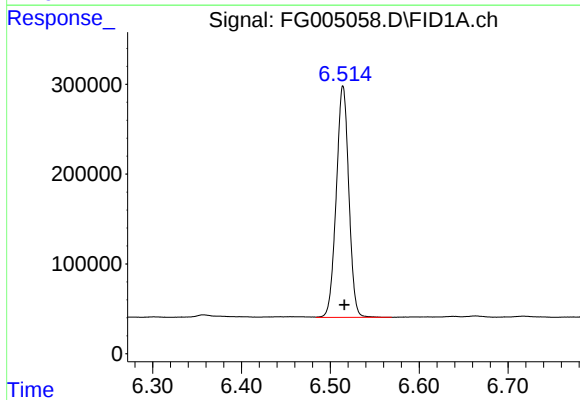
#1 N-OCTANE

R.T.: 2.367 min  
Delta R.T.: -0.003 min  
Response: 1206073  
Conc: 8.72 ug/ml



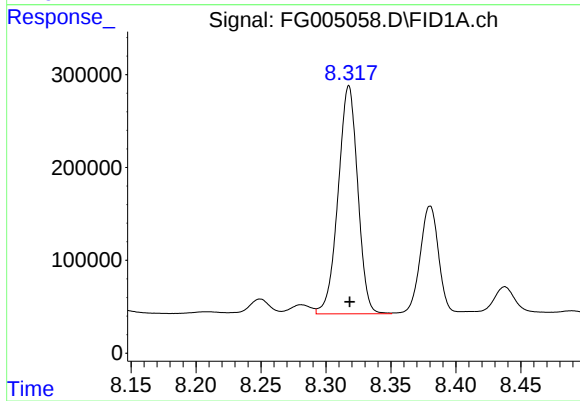
#2 N-DECANE

R.T.: 4.483 min  
Delta R.T.: -0.002 min  
Response: 2323021  
Conc: 16.44 ug/ml



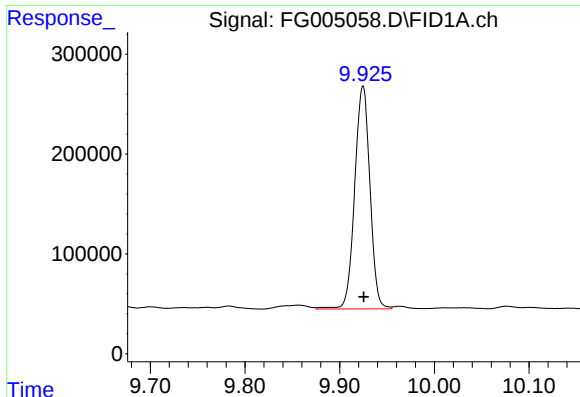
#3 N-DODECANE

R.T.: 6.514 min  
Delta R.T.: -0.001 min  
Response: 2526487  
Conc: 17.61 ug/ml



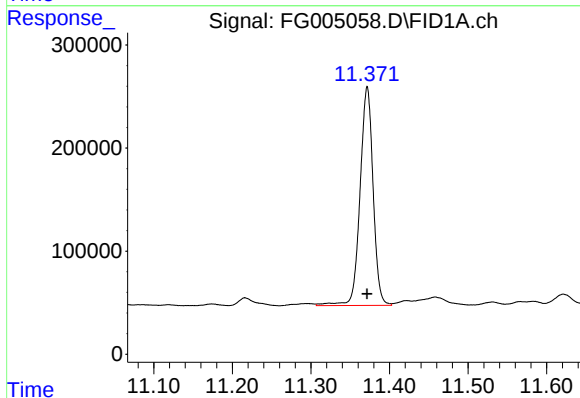
#4 N-TETRADECANE

R.T.: 8.318 min  
Delta R.T.: 0.000 min  
Response: 2583087  
Conc: 18.00 ug/ml



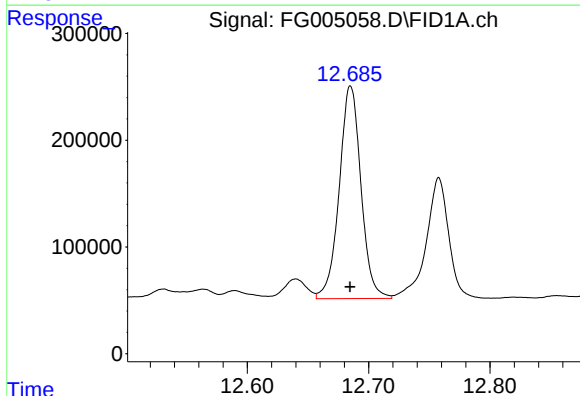
#5 N-HEXADECANE

R.T.: 9.925 min  
Delta R.T.: 0.000 min  
Response: 2501798  
Conc: 17.32 ug/ml



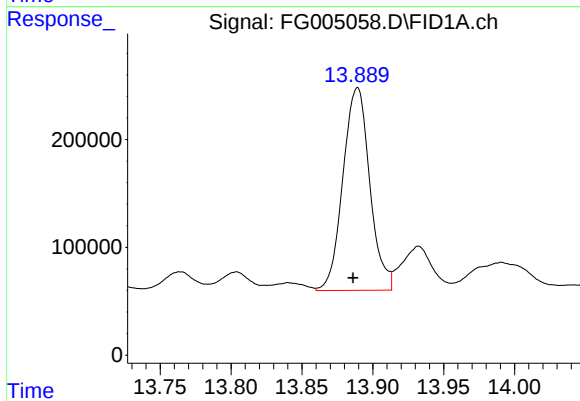
#6 N-OCTADECANE

R.T.: 11.372 min  
Delta R.T.: 0.000 min  
Response: 2452887  
Conc: 17.20 ug/ml



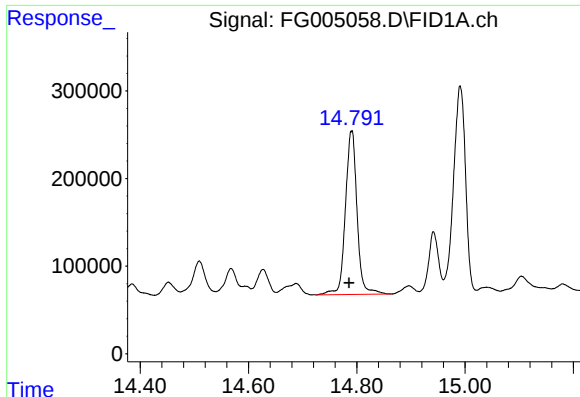
#7 N-EICOSANE

R.T.: 12.685 min  
Delta R.T.: 0.000 min  
Response: 2482218  
Conc: 17.51 ug/ml



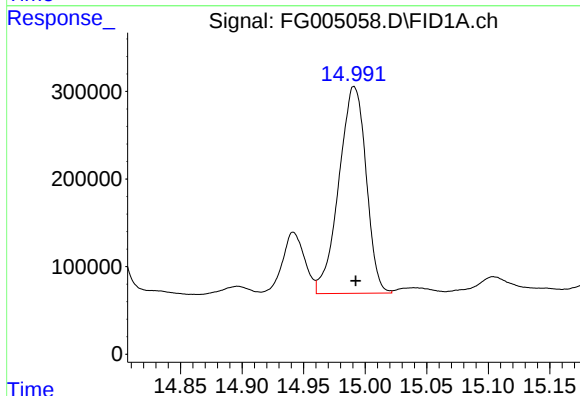
#8 N-DOCOSANE

R.T.: 13.889 min  
Delta R.T.: 0.003 min  
Response: 2476452  
Conc: 17.87 ug/ml



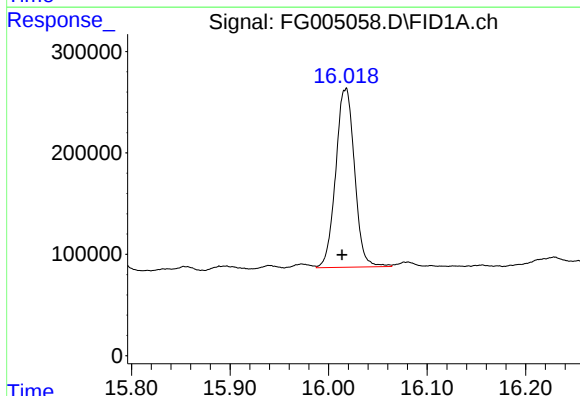
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.791 min  
Delta R.T.: 0.004 min  
Response: 2795648  
Conc: 23.30 ug/ml



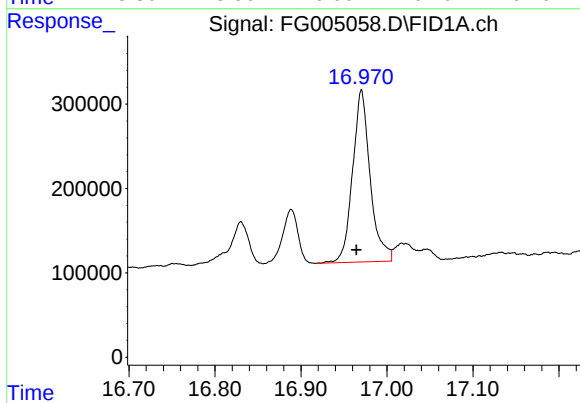
#10 N-TETRACOSANE

R.T.: 14.991 min  
Delta R.T.: -0.001 min  
Response: 3632260  
Conc: 26.81 ug/ml



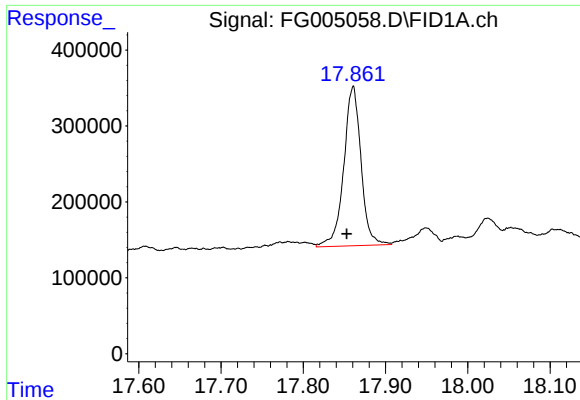
#11 N-HEXACOSANE

R.T.: 16.017 min  
Delta R.T.: 0.004 min  
Response: 2342526  
Conc: 17.84 ug/ml



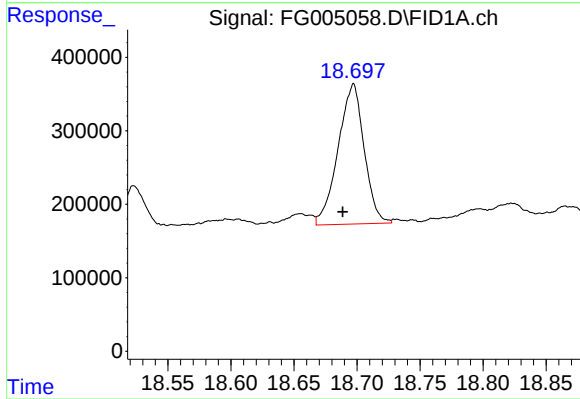
#12 N-OCTACOSANE

R.T.: 16.970 min  
Delta R.T.: 0.006 min  
Response: 2901110  
Conc: 22.82 ug/ml



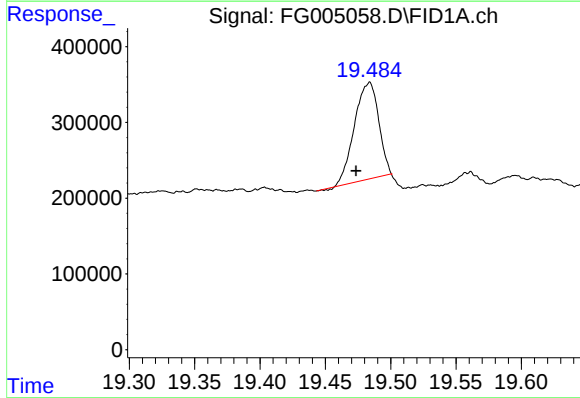
#13 N-TRIACONTANE

R.T.: 17.861 min  
Delta R.T.: 0.008 min  
Response: 3061790  
Conc: 24.36 ug/ml



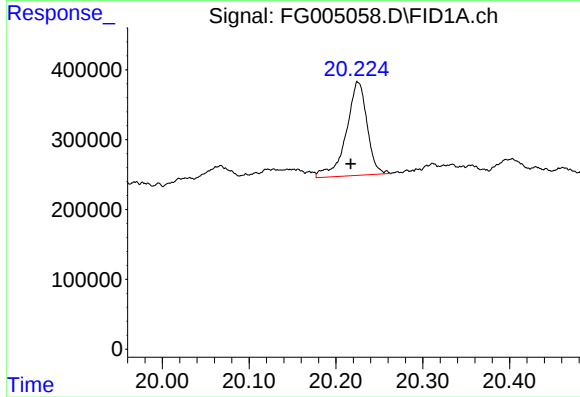
#14 N-DOTRIACONTANE

R.T.: 18.697 min  
Delta R.T.: 0.008 min  
Response: 2737515  
Conc: 22.85 ug/ml



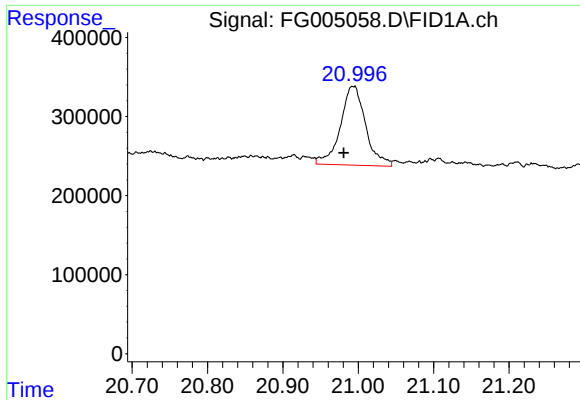
#15 N-TETRATRIACONTANE

R.T.: 19.484 min  
Delta R.T.: 0.010 min  
Response: 1693626  
Conc: 15.05 ug/ml



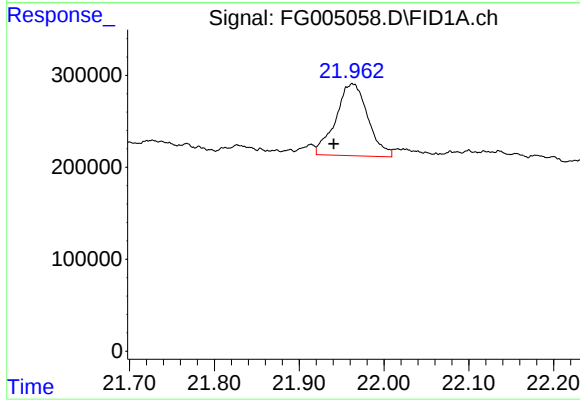
#16 N-HEXATRIACONTANE

R.T.: 20.226 min  
Delta R.T.: 0.008 min  
Response: 2227592  
Conc: 21.00 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.993 min  
Delta R.T.: 0.013 min  
Response: 2321773  
Conc: 23.96 ug/ml



#18 N-TETRACONTANE

R.T.: 21.963 min  
Delta R.T.: 0.022 min  
Response: 2056278  
Conc: 21.11 ug/ml