

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG050421\  
 Data File : FG007969.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 May 2021 15:40  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 05 01:36:39 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG042121.M  
 Quant Title :  
 QLast Update : Thu Apr 22 01:54:01 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... | 14.793 | 6939227  | 52.124 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.371  | 8858890  | 59.734 ug/ml |
| 2) N-DECANE                   | 4.486  | 9322876  | 61.673 ug/ml |
| 3) N-DODECANE                 | 6.516  | 9246966  | 60.440 ug/ml |
| 4) N-TETRADECANE              | 8.319  | 9188706  | 58.869 ug/ml |
| 5) N-HEXADECANE               | 9.925  | 8898974  | 57.435 ug/ml |
| 6) N-OCTADECANE               | 11.373 | 8807350  | 56.014 ug/ml |
| 7) N-EICOSANE                 | 12.687 | 8438009  | 54.453 ug/ml |
| 8) N-DOCOSANE                 | 13.890 | 8113978  | 52.802 ug/ml |
| 10) N-TETRACOSANE             | 14.998 | 7811518  | 51.338 ug/ml |
| 11) N-HEXACOSANE              | 16.021 | 7511066  | 50.427 ug/ml |
| 12) N-OCTACOSANE              | 16.975 | 7378244  | 50.383 ug/ml |
| 13) N-TRIACONTANE             | 17.864 | 7363301  | 51.514 ug/ml |
| 14) N-DOTRIACONTANE           | 18.700 | 7301697  | 53.523 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.484 | 7266806  | 56.535 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.227 | 7108074  | 60.740 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.995 | 6859189  | 63.343 ug/ml |
| 18) N-TETRACONTANE            | 21.961 | 7045202  | 64.314 ug/ml |
| -----                         |        |          |              |

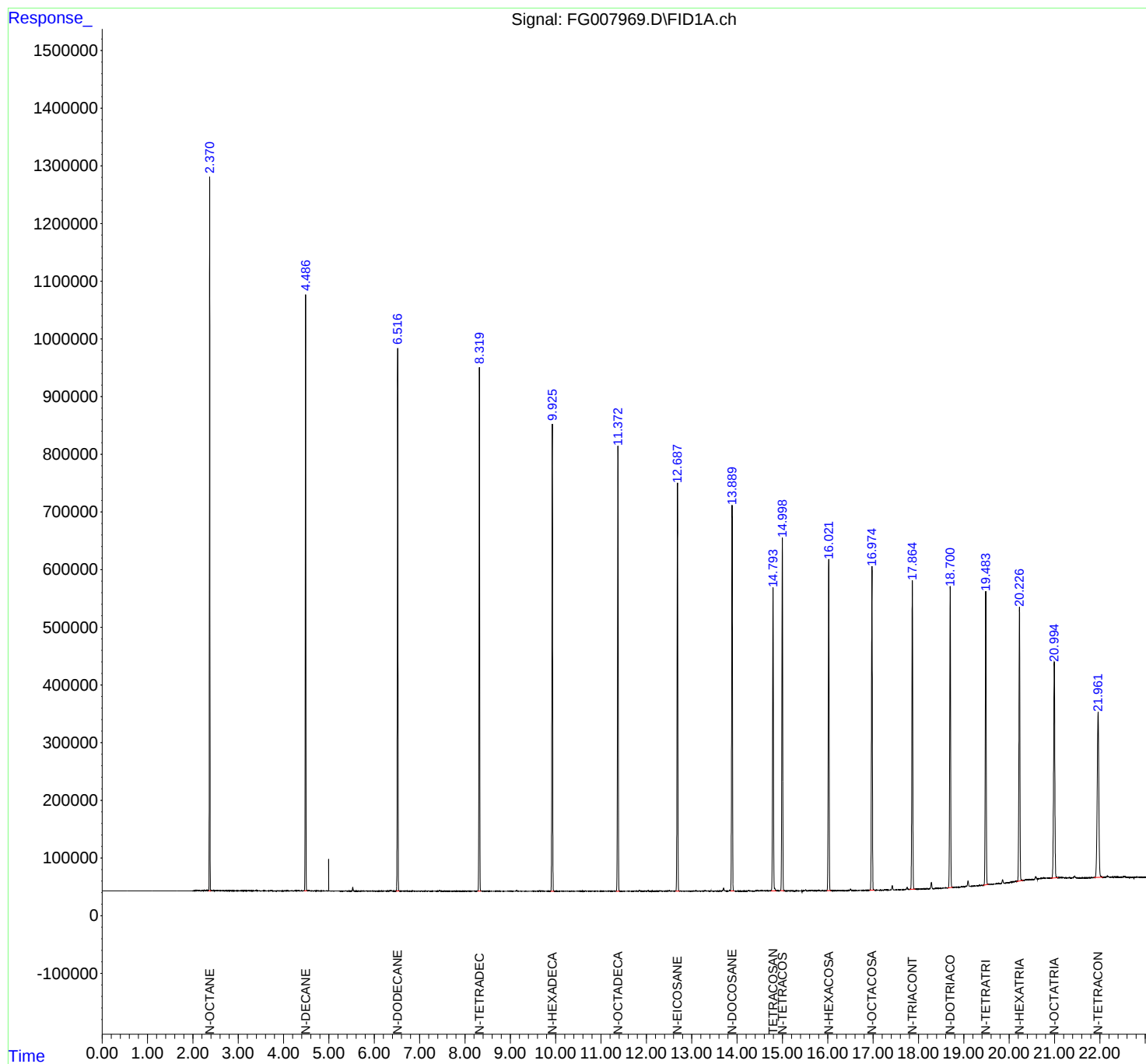
(f)=RT Delta > 1/2 Window

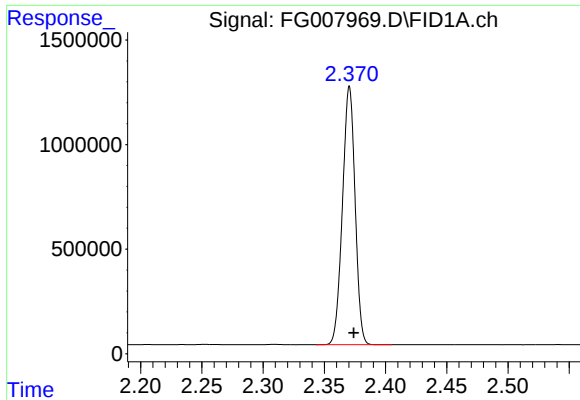
(m)=manual int.

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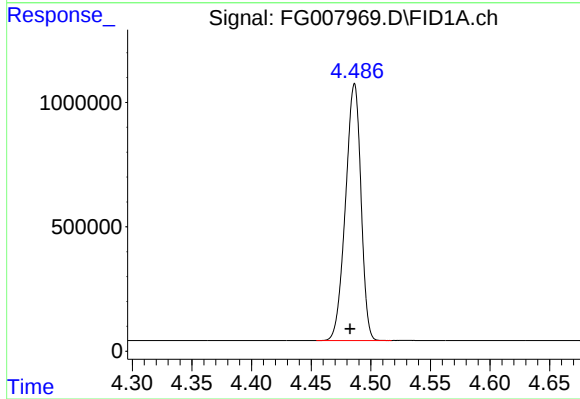
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





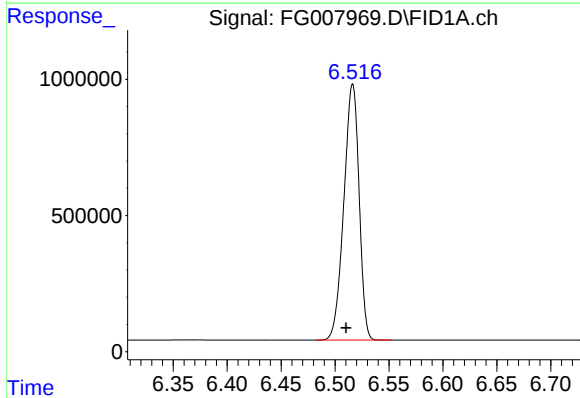
#1 N-OCTANE

R.T.: 2.371 min  
Delta R.T.: -0.003 min  
Response: 8858890  
Conc: 59.73 ug/ml



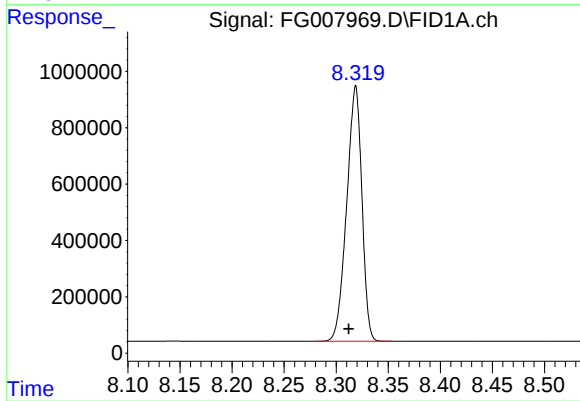
#2 N-DECANE

R.T.: 4.486 min  
Delta R.T.: 0.004 min  
Response: 9322876  
Conc: 61.67 ug/ml



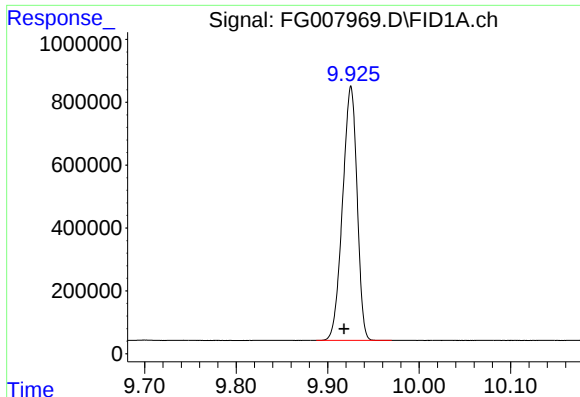
#3 N-DODECANE

R.T.: 6.516 min  
Delta R.T.: 0.006 min  
Response: 9246966  
Conc: 60.44 ug/ml



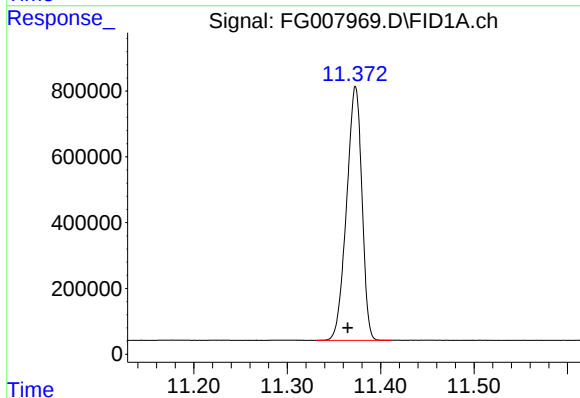
#4 N-TETRADECANE

R.T.: 8.319 min  
Delta R.T.: 0.007 min  
Response: 9188706  
Conc: 58.87 ug/ml



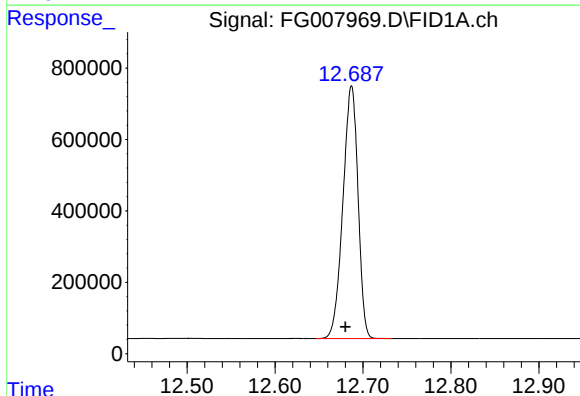
#5 N-HEXADECANE

R.T.: 9.925 min  
Delta R.T.: 0.007 min  
Response: 8898974  
Conc: 57.44 ug/ml



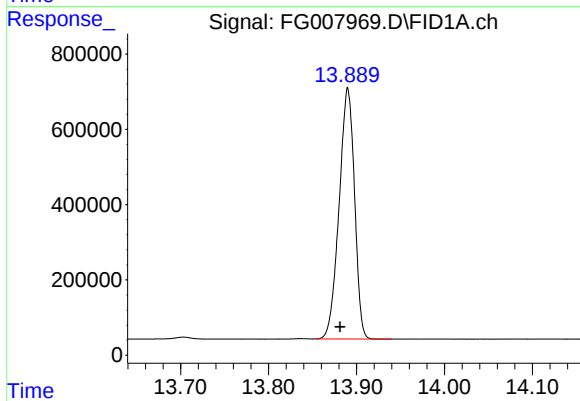
#6 N-OCTADECANE

R.T.: 11.373 min  
Delta R.T.: 0.008 min  
Response: 8807350  
Conc: 56.01 ug/ml



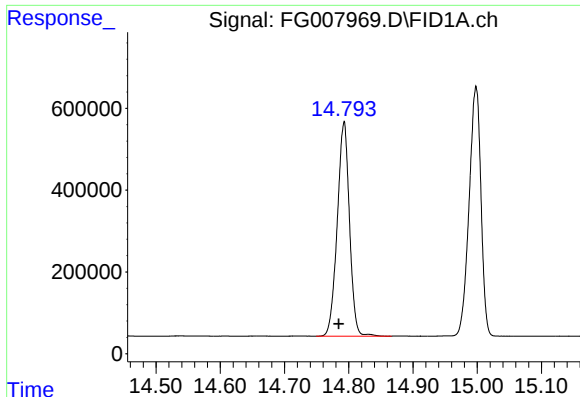
#7 N-EICOSANE

R.T.: 12.687 min  
Delta R.T.: 0.007 min  
Response: 8438009  
Conc: 54.45 ug/ml



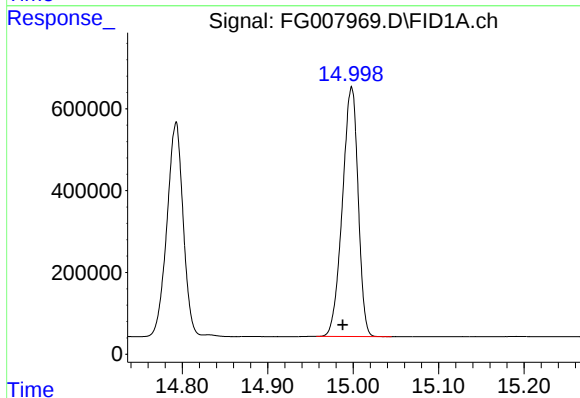
#8 N-DOCOSANE

R.T.: 13.890 min  
Delta R.T.: 0.009 min  
Response: 8113978  
Conc: 52.80 ug/ml



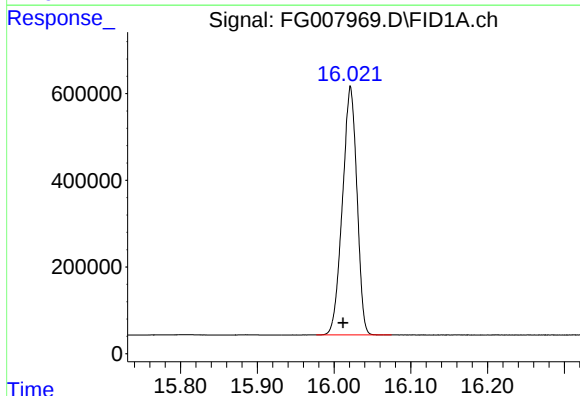
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.793 min  
Delta R.T.: 0.008 min  
Response: 6939227  
Conc: 52.12 ug/ml



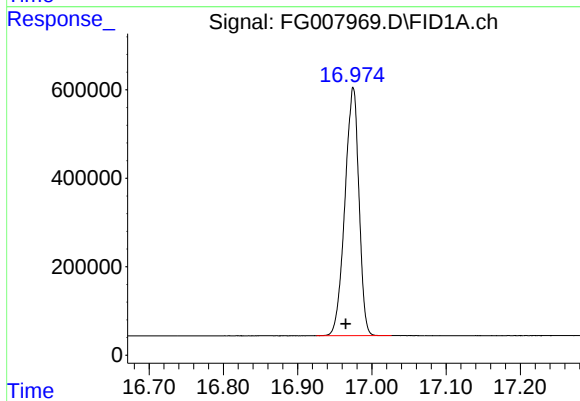
#10 N-TETRACOSANE

R.T.: 14.998 min  
Delta R.T.: 0.010 min  
Response: 7811518  
Conc: 51.34 ug/ml



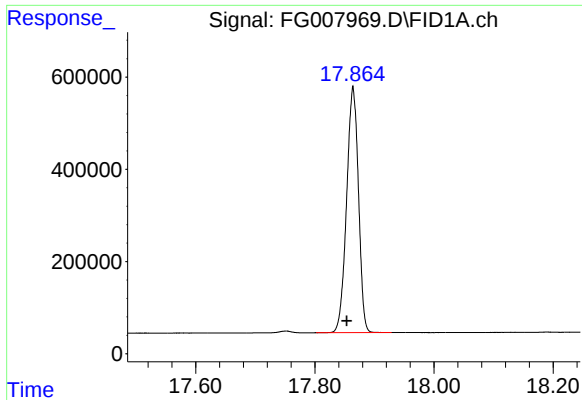
#11 N-HEXACOSANE

R.T.: 16.021 min  
Delta R.T.: 0.010 min  
Response: 7511066  
Conc: 50.43 ug/ml



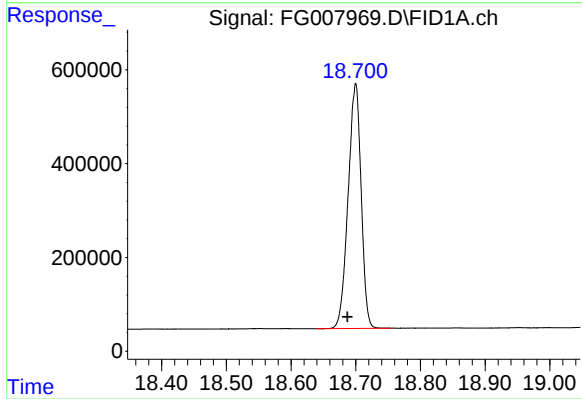
#12 N-OCTACOSANE

R.T.: 16.975 min  
Delta R.T.: 0.010 min  
Response: 7378244  
Conc: 50.38 ug/ml



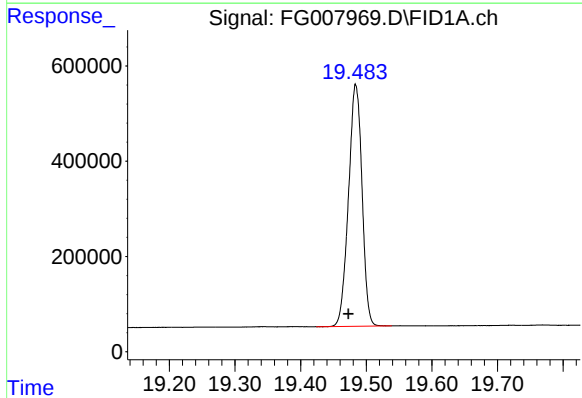
#13 N-TRIACONTANE

R.T.: 17.864 min  
Delta R.T.: 0.010 min  
Response: 7363301  
Conc: 51.51 ug/ml



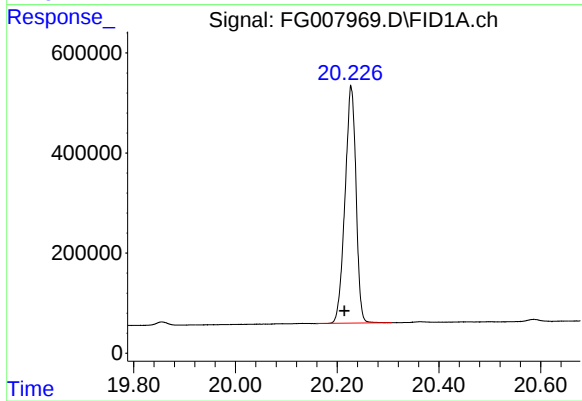
#14 N-DOTRIACONTANE

R.T.: 18.700 min  
Delta R.T.: 0.013 min  
Response: 7301697  
Conc: 53.52 ug/ml



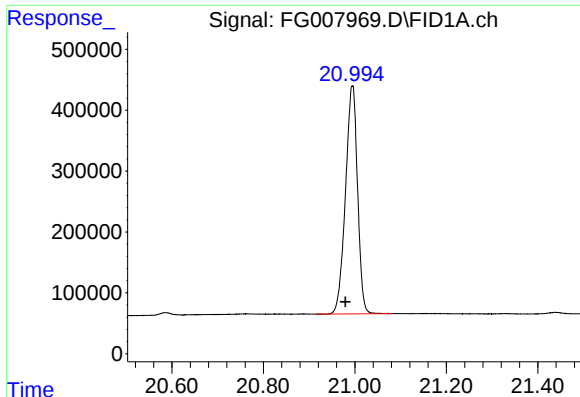
#15 N-TETRATRIACONTANE

R.T.: 19.484 min  
Delta R.T.: 0.011 min  
Response: 7266806  
Conc: 56.53 ug/ml



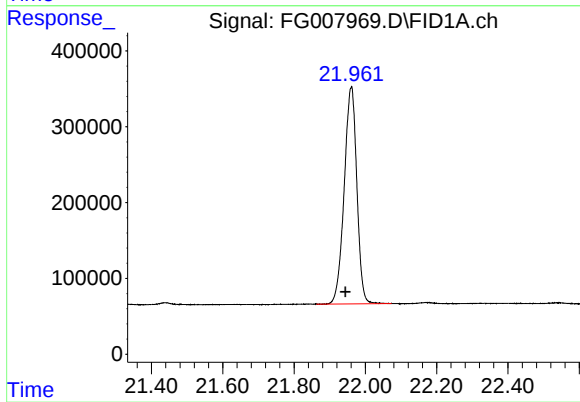
#16 N-HEXATRIACONTANE

R.T.: 20.227 min  
Delta R.T.: 0.013 min  
Response: 7108074  
Conc: 60.74 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.995 min  
Delta R.T.: 0.015 min  
Response: 6859189  
Conc: 63.34 ug/ml



#18 N-TETRACONTANE

R.T.: 21.961 min  
Delta R.T.: 0.016 min  
Response: 7045202  
Conc: 64.31 ug/ml