

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG101421\  
 Data File : FG008880.D  
 Signal(s) : FID1A.ch  
 Acq On : 14 Oct 2021 22:36  
 Operator : AJ\MA  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 15 00:35:29 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG100721.M  
 Quant Title :  
 QLast Update : Fri Oct 08 03:31:08 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... | 14.743 | 6041507  | 52.341 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.340  | 6926564  | 50.142 ug/ml |
| 2) N-DECANE                   | 4.442  | 7040965  | 50.469 ug/ml |
| 3) N-DODECANE                 | 6.469  | 7072020  | 50.154 ug/ml |
| 4) N-TETRADECANE              | 8.271  | 7106275  | 50.409 ug/ml |
| 5) N-HEXADECANE               | 9.878  | 7070236  | 50.488 ug/ml |
| 6) N-OCTADECANE               | 11.325 | 7202792  | 50.967 ug/ml |
| 7) N-EICOSANE                 | 12.639 | 7184788  | 51.518 ug/ml |
| 8) N-DOCOSANE                 | 13.842 | 6995880  | 51.867 ug/ml |
| 10) N-TETRACOSANE             | 14.948 | 6855811  | 52.212 ug/ml |
| 11) N-HEXACOSANE              | 15.972 | 6581139  | 52.571 ug/ml |
| 12) N-OCTACOSANE              | 16.923 | 6283473  | 52.730 ug/ml |
| 13) N-TRIACONTANE             | 17.814 | 5915019  | 52.150 ug/ml |
| 14) N-DOTRIACONTANE           | 18.647 | 5435851  | 51.246 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.433 | 5067977  | 50.885 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.174 | 4839786  | 52.404 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.928 | 4602746  | 52.436 ug/ml |
| 18) N-TETRACONTANE            | 21.870 | 4566098  | 51.279 ug/ml |
| -----                         |        |          |              |

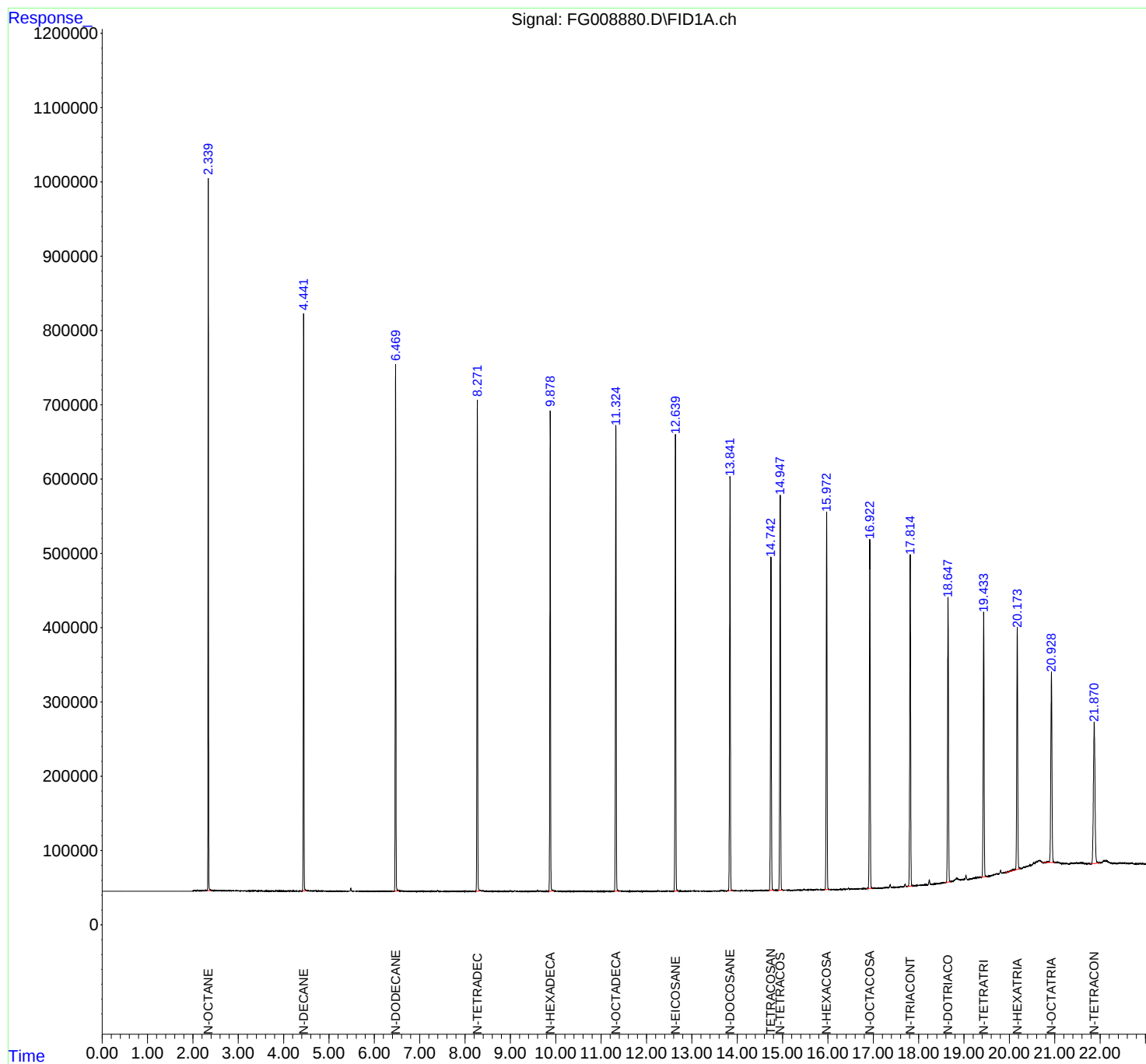
(f)=RT Delta > 1/2 Window

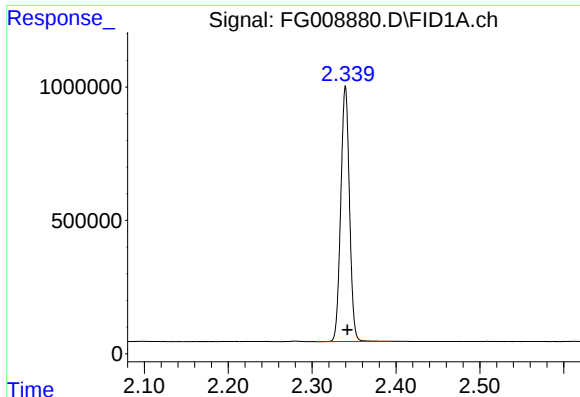
(m)=manual int.

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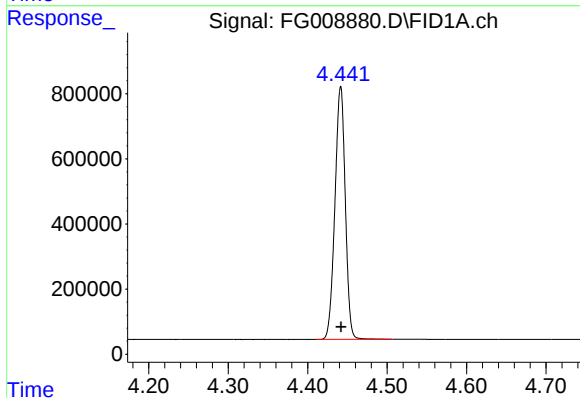
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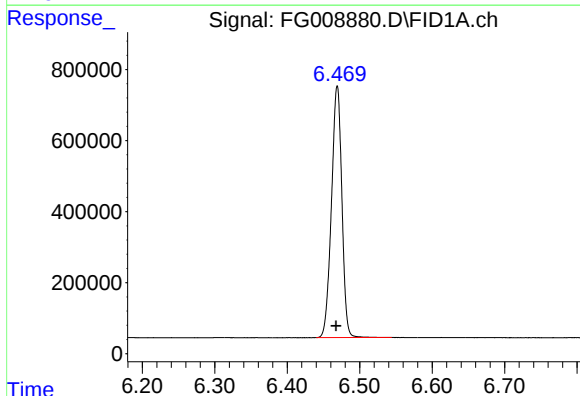
#1 N-OCTANE

R.T.: 2.340 min  
Delta R.T.: -0.002 min  
Response: 6926564  
Conc: 50.14 ug/ml



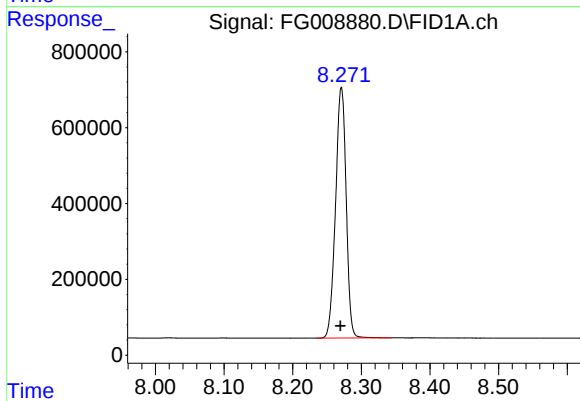
#2 N-DECANE

R.T.: 4.442 min  
Delta R.T.: 0.000 min  
Response: 7040965  
Conc: 50.47 ug/ml



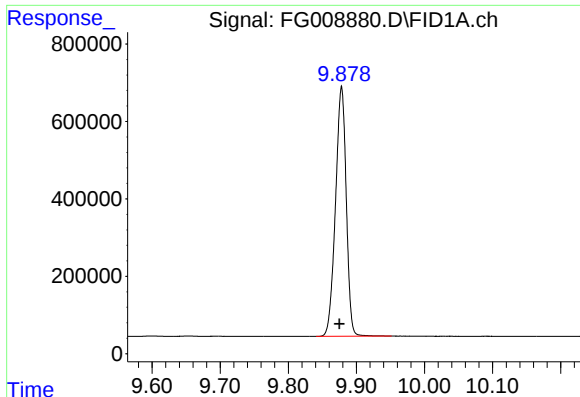
#3 N-DODECANE

R.T.: 6.469 min  
Delta R.T.: 0.002 min  
Response: 7072020  
Conc: 50.15 ug/ml



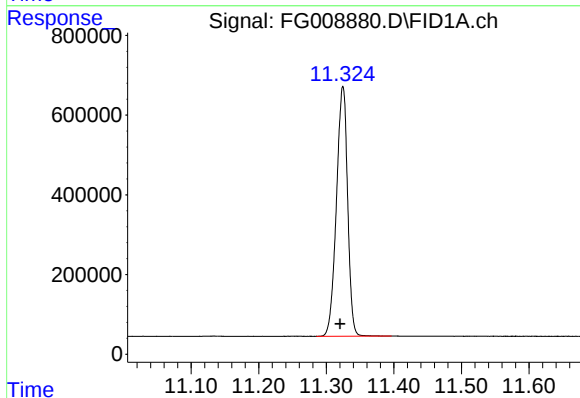
#4 N-TETRADECANE

R.T.: 8.271 min  
Delta R.T.: 0.002 min  
Response: 7106275  
Conc: 50.41 ug/ml



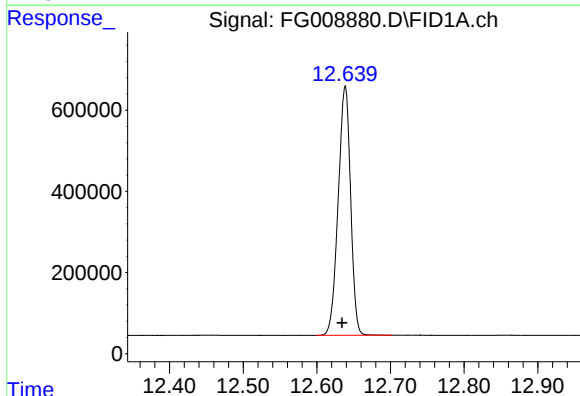
#5 N-HEXADECANE

R.T.: 9.878 min  
Delta R.T.: 0.003 min  
Response: 7070236  
Conc: 50.49 ug/ml



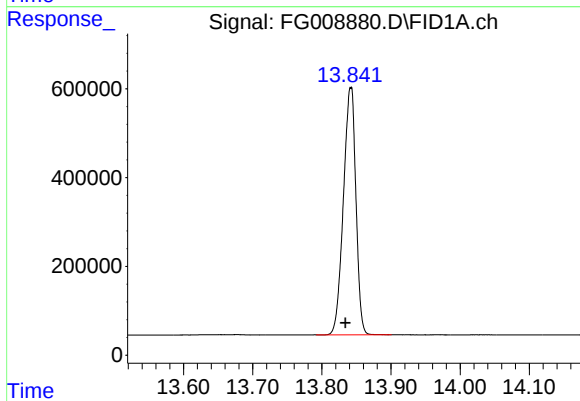
#6 N-OCTADECANE

R.T.: 11.325 min  
Delta R.T.: 0.004 min  
Response: 7202792  
Conc: 50.97 ug/ml



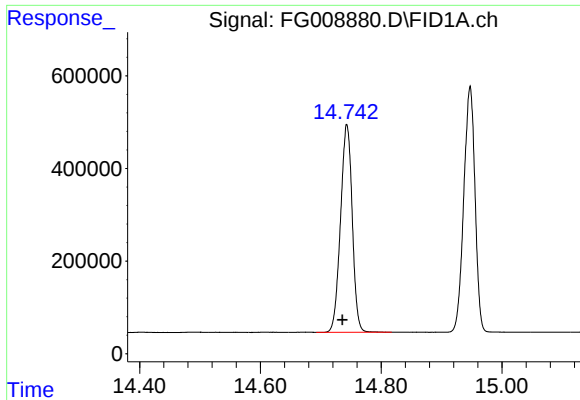
#7 N-EICOSANE

R.T.: 12.639 min  
Delta R.T.: 0.005 min  
Response: 7184788  
Conc: 51.52 ug/ml



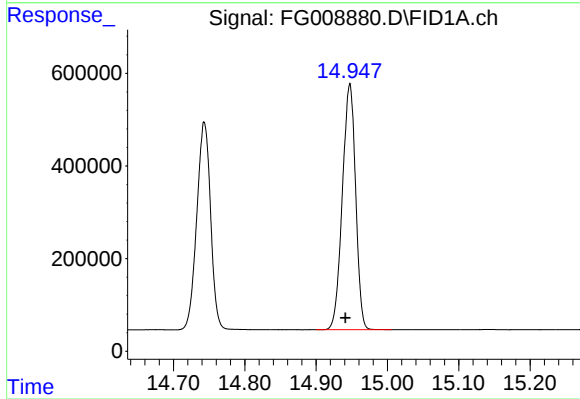
#8 N-DOCOSANE

R.T.: 13.842 min  
Delta R.T.: 0.008 min  
Response: 6995880  
Conc: 51.87 ug/ml



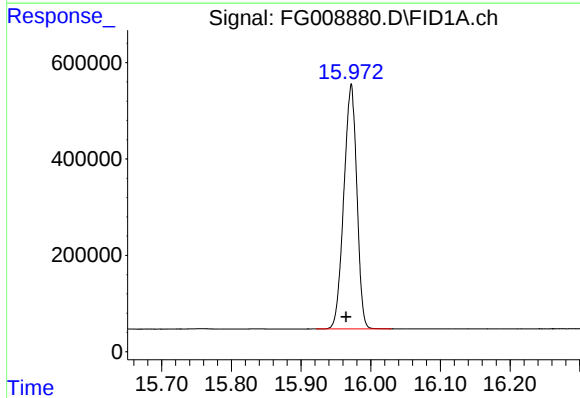
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.743 min  
Delta R.T.: 0.007 min  
Response: 6041507  
Conc: 52.34 ug/ml



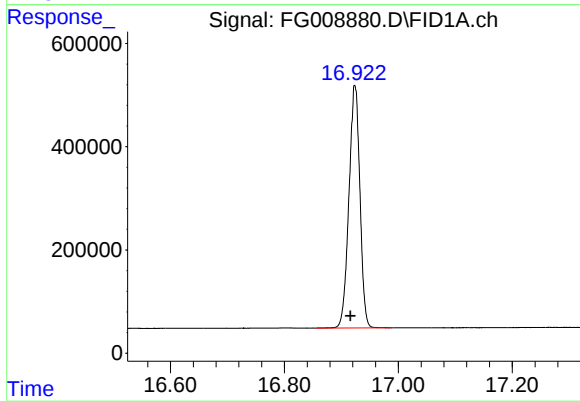
#10 N-TETRACOSANE

R.T.: 14.948 min  
Delta R.T.: 0.006 min  
Response: 6855811  
Conc: 52.21 ug/ml



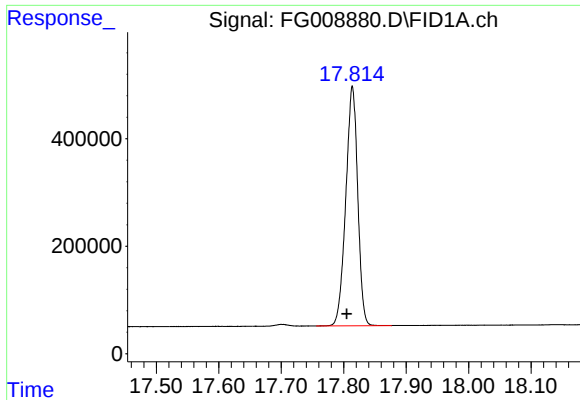
#11 N-HEXACOSANE

R.T.: 15.972 min  
Delta R.T.: 0.007 min  
Response: 6581139  
Conc: 52.57 ug/ml



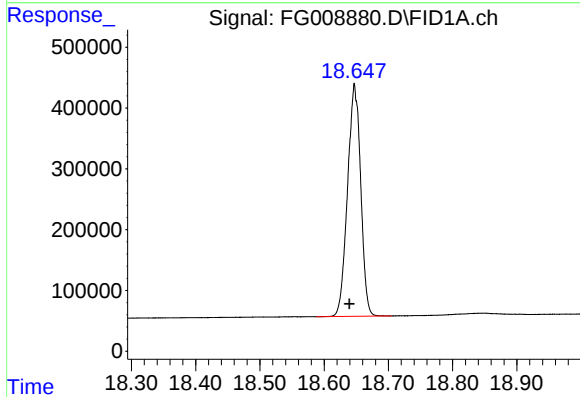
#12 N-OCTACOSANE

R.T.: 16.923 min  
Delta R.T.: 0.007 min  
Response: 6283473  
Conc: 52.73 ug/ml



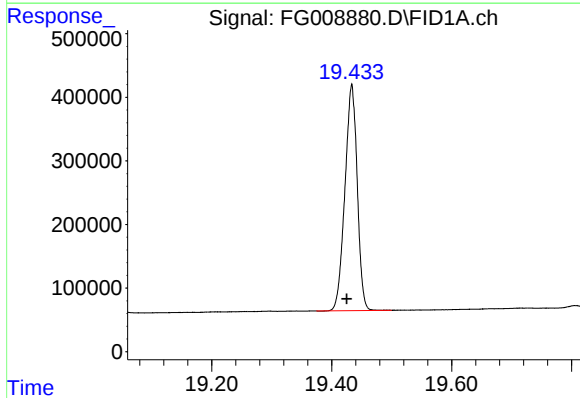
#13 N-TRIACONTANE

R.T.: 17.814 min  
Delta R.T.: 0.009 min  
Response: 5915019  
Conc: 52.15 ug/ml



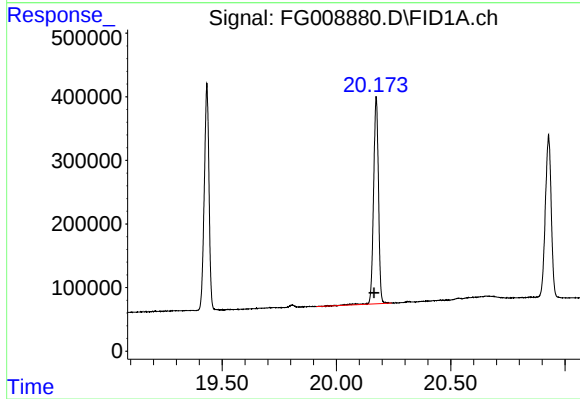
#14 N-DOTRIACONTANE

R.T.: 18.647 min  
Delta R.T.: 0.008 min  
Response: 5435851  
Conc: 51.25 ug/ml



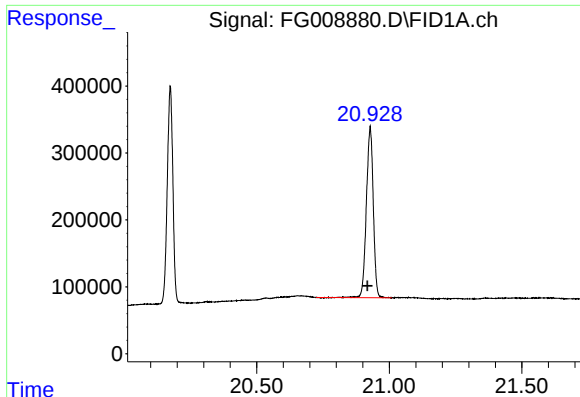
#15 N-TETRATRIACONTANE

R.T.: 19.433 min  
Delta R.T.: 0.008 min  
Response: 5067977  
Conc: 50.89 ug/ml



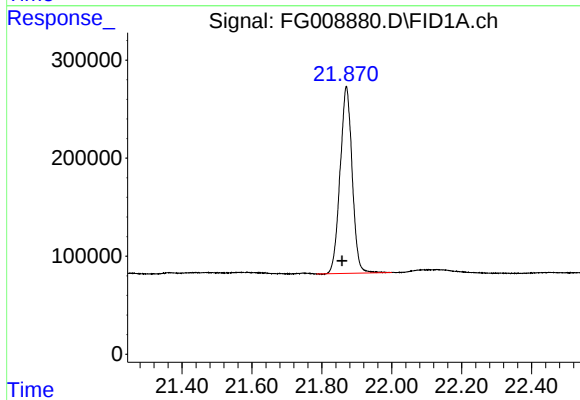
#16 N-HEXATRIACONTANE

R.T.: 20.174 min  
Delta R.T.: 0.009 min  
Response: 4839786  
Conc: 52.40 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.928 min  
Delta R.T.: 0.010 min  
Response: 4602746  
Conc: 52.44 ug/ml



#18 N-TETRACONTANE

R.T.: 21.870 min  
Delta R.T.: 0.012 min  
Response: 4566098  
Conc: 51.28 ug/ml