

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG073118\  
 Data File : FG001906.D  
 Signal(s) : FID1A.ch  
 Acq On : 31 Jul 2018 19:08  
 Operator : AJ\SJ  
 Sample : J4231-21MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 01 03:49:49 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG073018.M  
 Quant Title :  
 QLast Update : Mon Jul 30 13:56:56 2018  
 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... | 14.469 | 1649554  | 13.086 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.154  | 962008   | 6.659 ug/ml  |
| 2) N-DECANE                   | 4.226  | 1572067  | 10.667 ug/ml |
| 3) N-DODECANE                 | 6.237  | 1684405  | 11.212 ug/ml |
| 4) N-TETRADECANE              | 8.028  | 1897601  | 12.475 ug/ml |
| 5) N-HEXADECANE               | 9.624  | 1802251  | 11.832 ug/ml |
| 6) N-OCTADECANE               | 11.063 | 1804121  | 11.762 ug/ml |
| 7) N-EICOSANE                 | 12.371 | 1842016  | 12.207 ug/ml |
| 8) N-DOCOSANE                 | 13.570 | 2011567  | 13.695 ug/ml |
| 10) N-TETRACOSANE             | 14.671 | 1724306  | 12.027 ug/ml |
| 11) N-HEXACOSANE              | 15.692 | 1744266  | 12.382 ug/ml |
| 12) N-OCTACOSANE              | 16.640 | 1895250  | 13.585 ug/ml |
| 13) N-TRIACONTANE             | 17.528 | 1617128  | 11.841 ug/ml |
| 14) N-DOTRIACONTANE           | 18.361 | 1447419  | 11.688 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.146 | 903199   | 8.307 ug/mlm |
| 16) N-HEXATRIACONTANE         | 19.887 | 433508   | 4.512 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.599 | 288752   | 3.427 ug/ml  |
| 18) N-TETRACONTANE            | 21.429 | 531244   | 6.405 ug/ml  |
| -----                         |        |          |              |

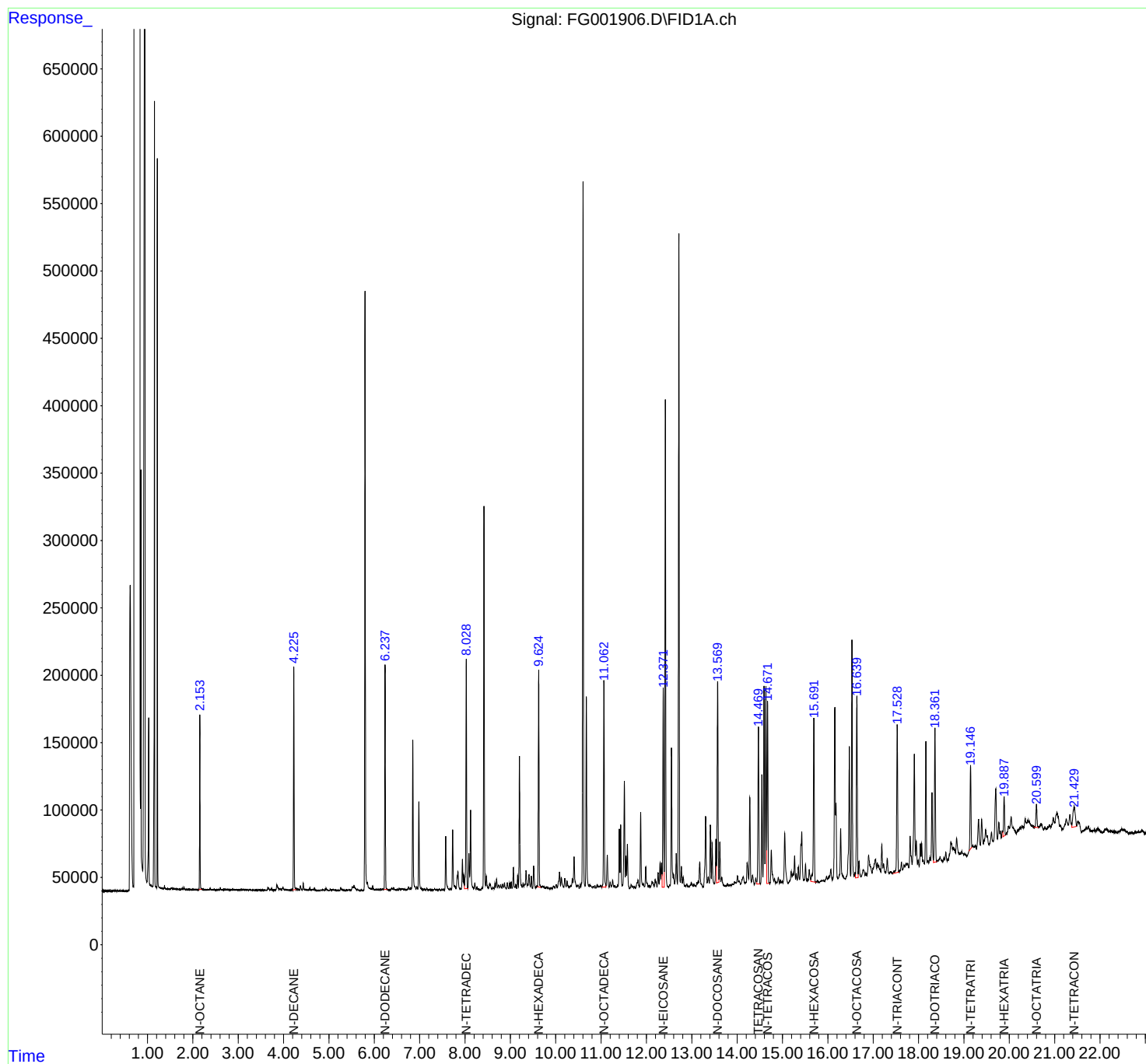
(f)=RT Delta > 1/2 Window

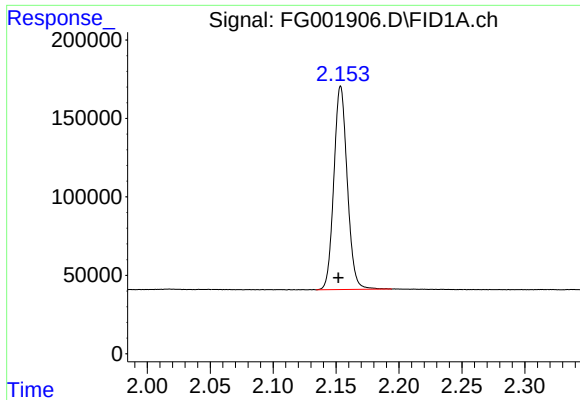
(m)=manual int.

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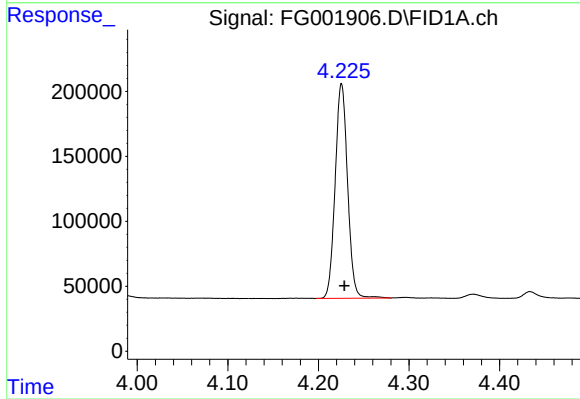
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





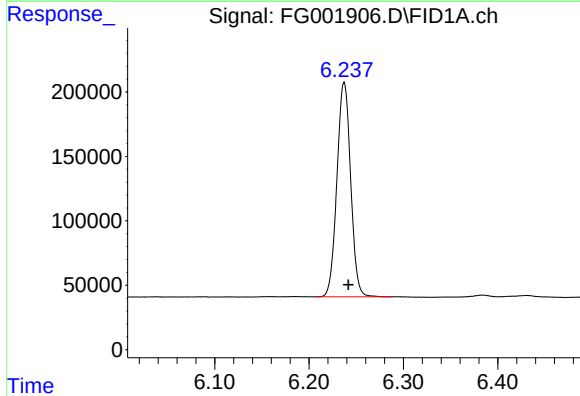
#1 N-OCTANE

R.T.: 2.154 min  
Delta R.T.: 0.002 min  
Response: 962008  
Conc: 6.66 ug/ml



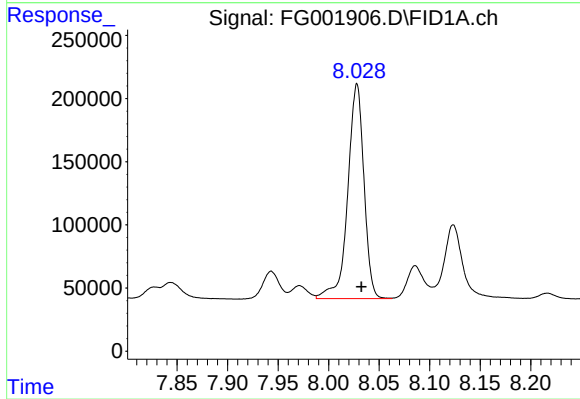
#2 N-DECANE

R.T.: 4.226 min  
Delta R.T.: -0.003 min  
Response: 1572067  
Conc: 10.67 ug/ml



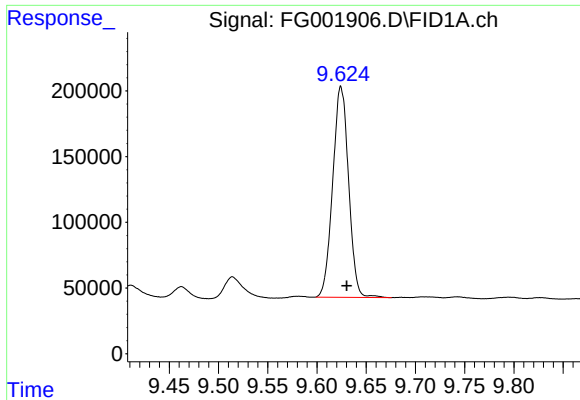
#3 N-DODECANE

R.T.: 6.237 min  
Delta R.T.: -0.004 min  
Response: 1684405  
Conc: 11.21 ug/ml



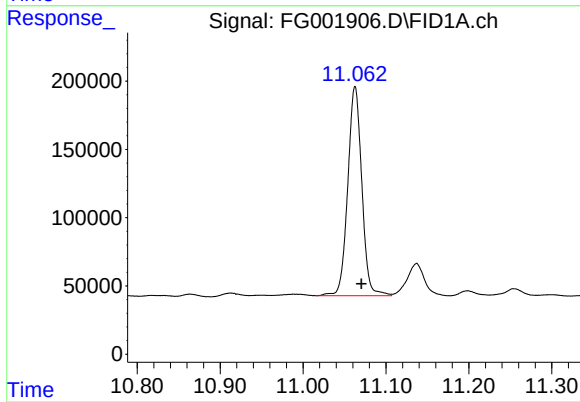
#4 N-TETRADECANE

R.T.: 8.028 min  
Delta R.T.: -0.004 min  
Response: 1897601  
Conc: 12.48 ug/ml



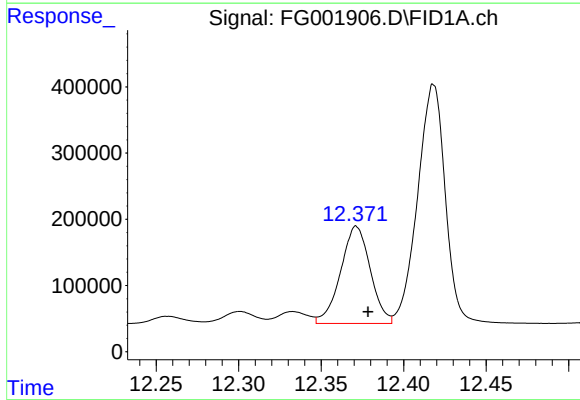
#5 N-HEXADECANE

R.T.: 9.624 min  
Delta R.T.: -0.006 min  
Response: 1802251  
Conc: 11.83 ug/ml



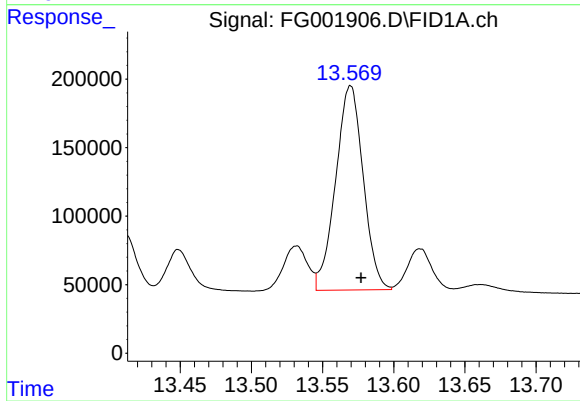
#6 N-OCTADECANE

R.T.: 11.063 min  
Delta R.T.: -0.008 min  
Response: 1804121  
Conc: 11.76 ug/ml



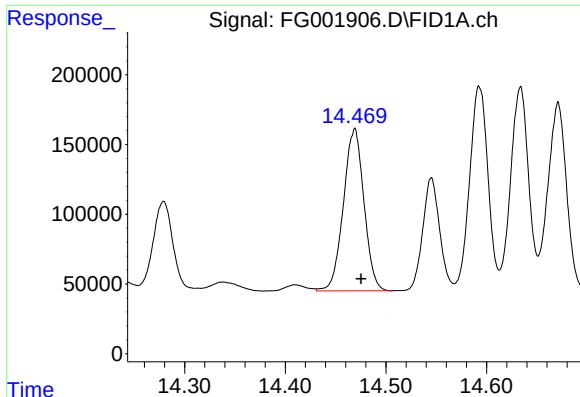
#7 N-EICOSANE

R.T.: 12.371 min  
Delta R.T.: -0.007 min  
Response: 1842016  
Conc: 12.21 ug/ml



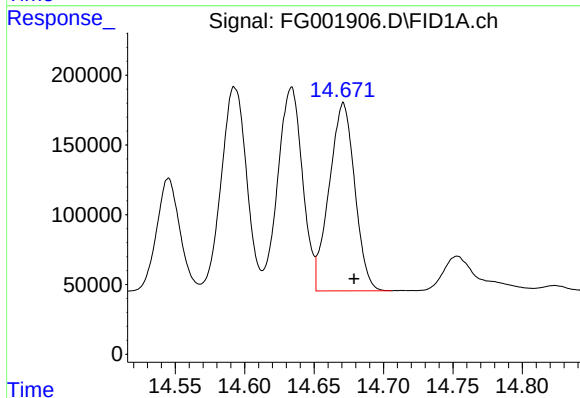
#8 N-DOCOSANE

R.T.: 13.570 min  
Delta R.T.: -0.007 min  
Response: 2011567  
Conc: 13.70 ug/ml



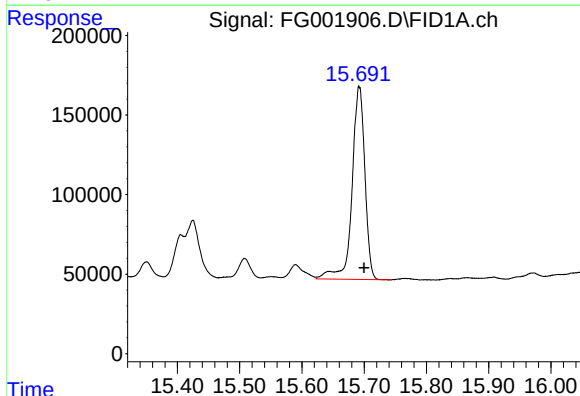
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.469 min  
Delta R.T.: -0.006 min  
Response: 1649554  
Conc: 13.09 ug/ml



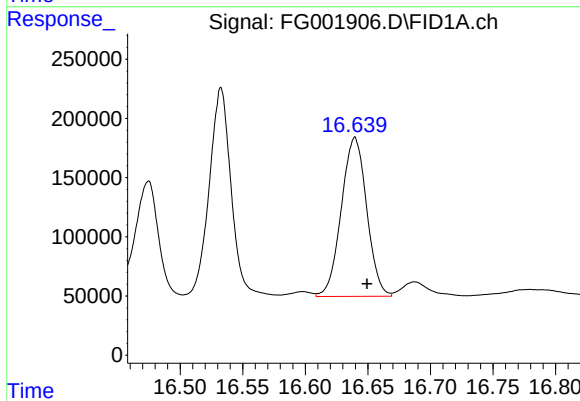
#10 N-TETRACOSANE

R.T.: 14.671 min  
Delta R.T.: -0.008 min  
Response: 1724306  
Conc: 12.03 ug/ml



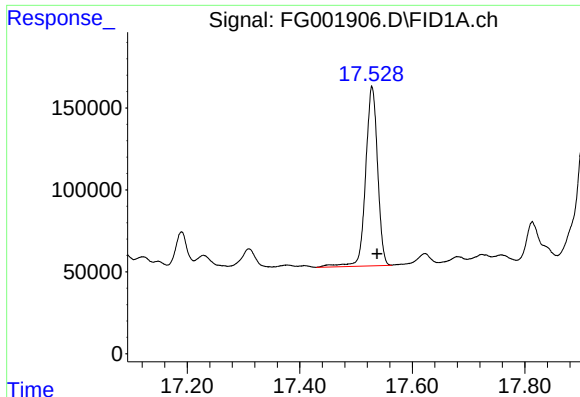
#11 N-HEXACOSANE

R.T.: 15.692 min  
Delta R.T.: -0.007 min  
Response: 1744266  
Conc: 12.38 ug/ml



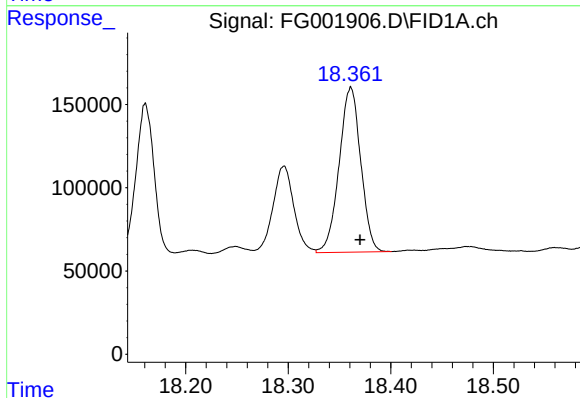
#12 N-OCTACOSANE

R.T.: 16.640 min  
Delta R.T.: -0.010 min  
Response: 1895250  
Conc: 13.58 ug/ml



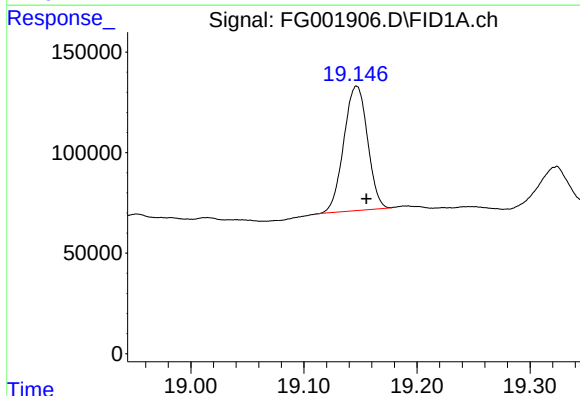
#13 N-TRIACONTANE

R.T.: 17.528 min  
Delta R.T.: -0.009 min  
Response: 1617128  
Conc: 11.84 ug/ml



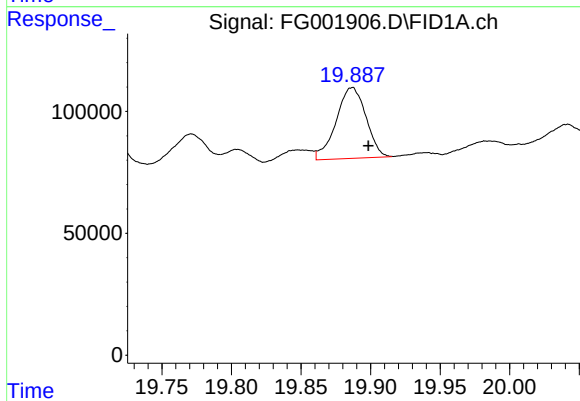
#14 N-DOTRIACONTANE

R.T.: 18.361 min  
Delta R.T.: -0.009 min  
Response: 1447419  
Conc: 11.69 ug/ml



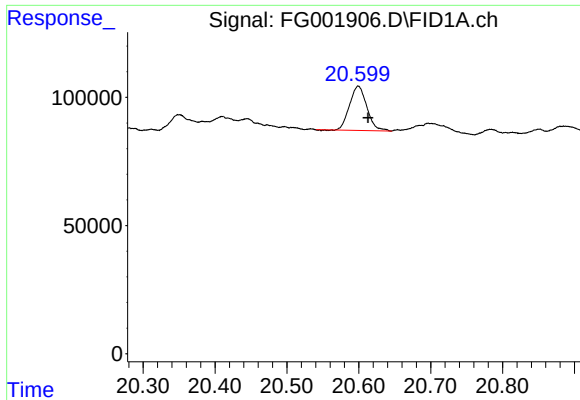
#15 N-TETRATRIACONTANE

R.T.: 19.146 min  
Delta R.T.: -0.009 min  
Response: 903199  
Conc: 8.31 ug/ml m



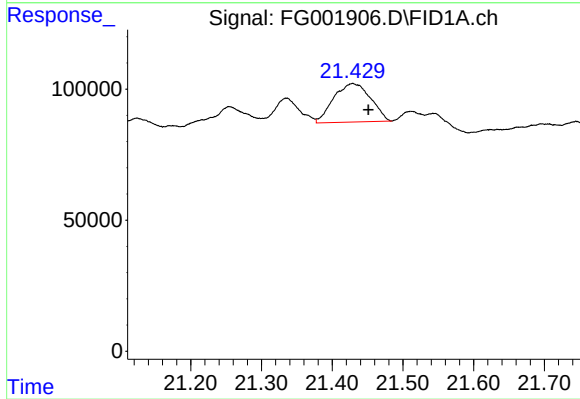
#16 N-HEXATRIACONTANE

R.T.: 19.887 min  
Delta R.T.: -0.011 min  
Response: 433508  
Conc: 4.51 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.599 min  
Delta R.T.: -0.013 min  
Response: 288752  
Conc: 3.43 ug/ml



#18 N-TETRACONTANE

R.T.: 21.429 min  
Delta R.T.: -0.022 min  
Response: 531244  
Conc: 6.40 ug/ml