

Data Path : P:\HPCHEM1\FID\_F\Data\FF020718\  
 Data File : FF000058.D  
 Signal(s) : FID2B.ch  
 Acq On : 07 Feb 2018 11:21  
 Operator : UA\AJ  
 Sample : SOIL MDL 05  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 07 12:17:01 2018  
 Quant Method : P:\HPCHEM1\FID\_F\Method\FF020118.M  
 Quant Title :  
 QLast Update : Fri Feb 02 10:05:00 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... | 14.633 | 2385010  | 20.940 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.294  | 147039   | 0.971 ug/ml  |
| 2) N-DECANE                   | 4.384  | 161413   | 1.042 ug/ml  |
| 3) N-DODECANE                 | 6.399  | 162895   | 1.055 ug/ml  |
| 4) N-TETRADECANE              | 8.190  | 162916   | 1.067 ug/ml  |
| 5) N-HEXADECANE               | 9.787  | 161446   | 1.098 ug/ml  |
| 6) N-OCTADECANE               | 11.227 | 157062   | 1.080 ug/ml  |
| 7) N-EICOSANE                 | 12.535 | 150215   | 1.100 ug/mlm |
| 8) N-DOCOSANE                 | 13.733 | 140581   | 1.079 ug/mlm |
| 10) N-TETRACOSANE             | 14.835 | 128399   | 1.013 ug/mlm |
| 11) N-HEXACOSANE              | 15.855 | 119513   | 0.986 ug/mlm |
| 12) N-OCTACOSANE              | 16.805 | 129668   | 1.116 ug/mlm |
| 13) N-TRIACONTANE             | 17.690 | 153079   | 1.398 ug/mlm |
| 14) N-DOTRIACONTANE           | 18.524 | 167680   | 1.701 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.309 | 151227   | 1.831 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.051 | 127765   | 1.949 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.779 | 95210    | 1.576 ug/mlm |
| 18) N-TETRACONTANE            | 21.661 | 71518    | 1.253 ug/mlm |
| -----                         |        |          |              |

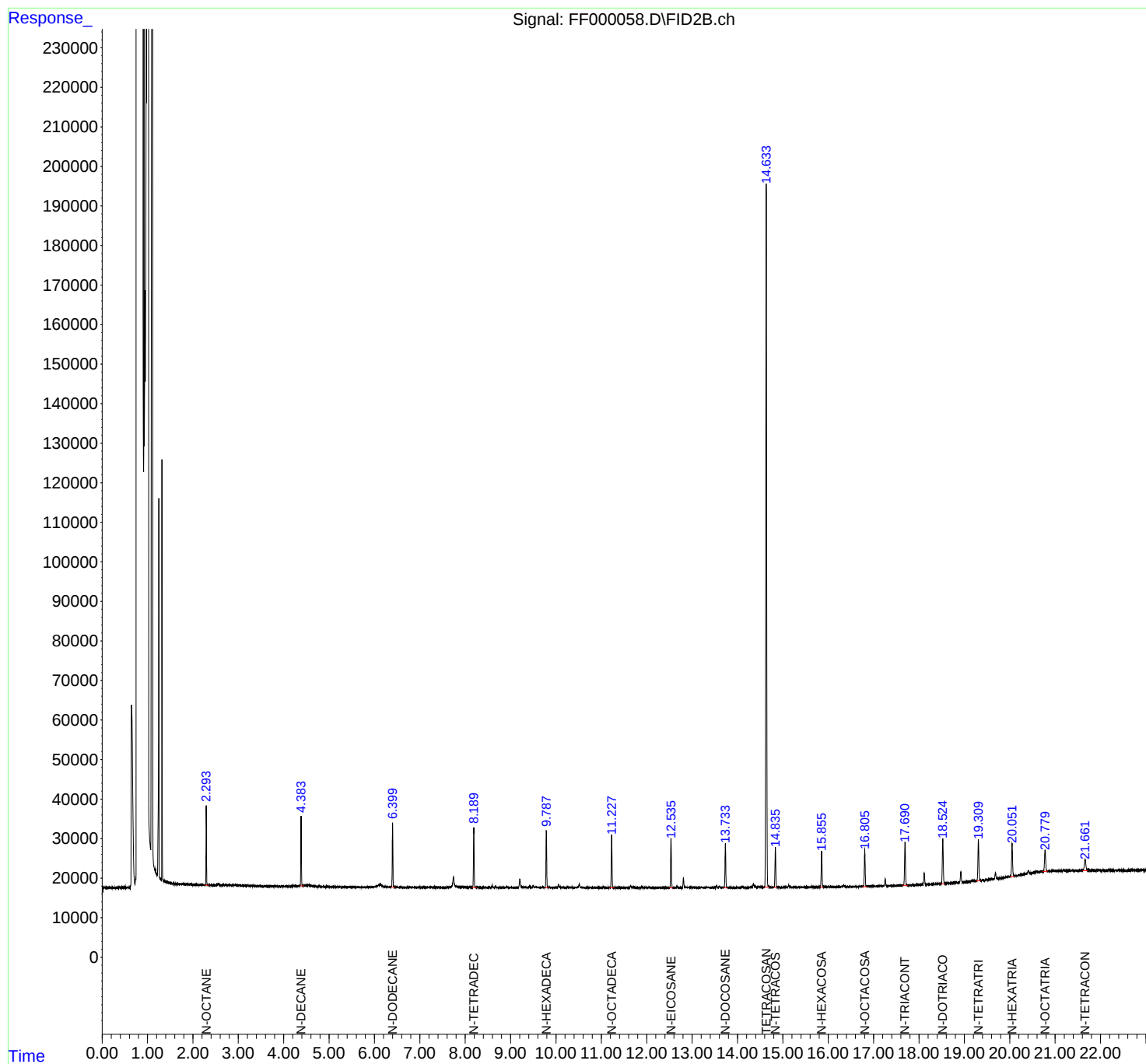
(f)=RT Delta > 1/2 Window

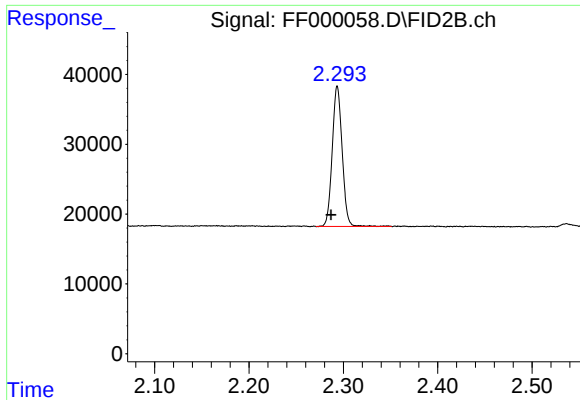
(m)=manual int.

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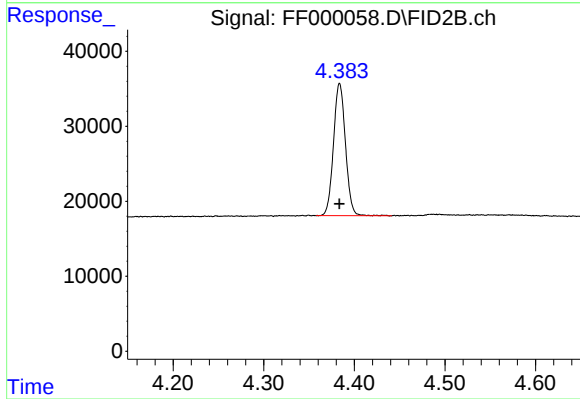
Volume Inj. : 1uL  
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Signal Info : 20mx0.18mmx0.18um





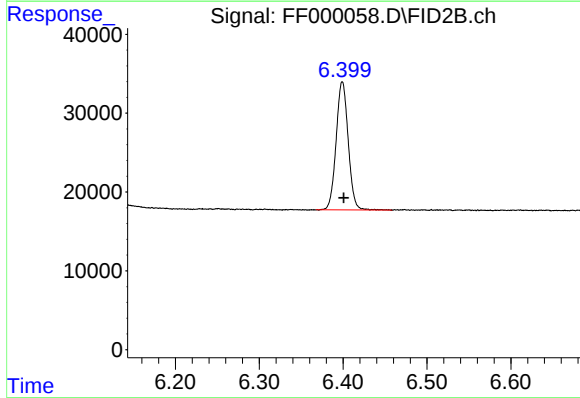
#1 N-OCTANE

R.T.: 2.294 min  
Delta R.T.: 0.007 min  
Response: 147039  
Conc: 0.97 ug/ml



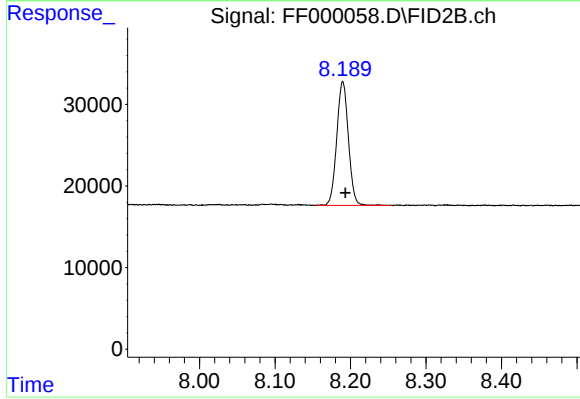
#2 N-DECANE

R.T.: 4.384 min  
Delta R.T.: 0.000 min  
Response: 161413  
Conc: 1.04 ug/ml



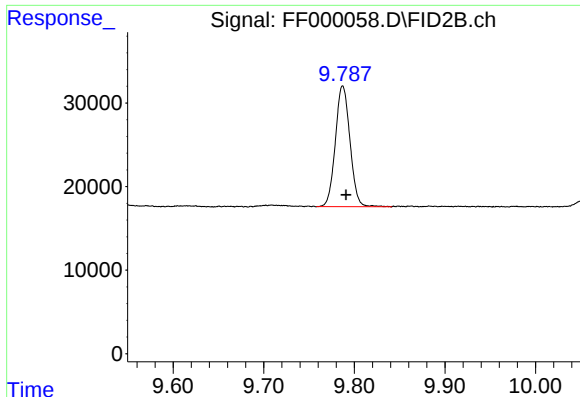
#3 N-DODECANE

R.T.: 6.399 min  
Delta R.T.: -0.002 min  
Response: 162895  
Conc: 1.05 ug/ml



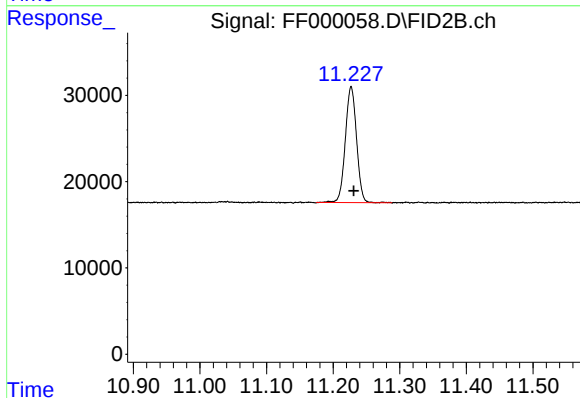
#4 N-TETRADECANE

R.T.: 8.190 min  
Delta R.T.: -0.004 min  
Response: 162916  
Conc: 1.07 ug/ml



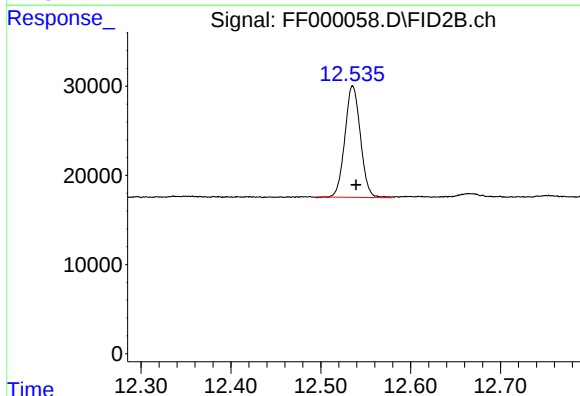
#5 N-HEXADECANE

R.T.: 9.787 min  
Delta R.T.: -0.004 min  
Response: 161446  
Conc: 1.10 ug/ml



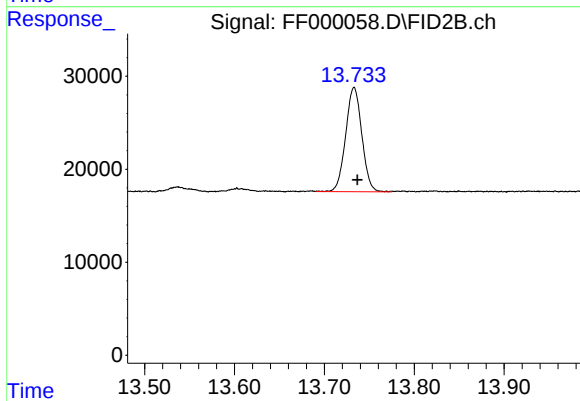
#6 N-OCTADECANE

R.T.: 11.227 min  
Delta R.T.: -0.004 min  
Response: 157062  
Conc: 1.08 ug/ml



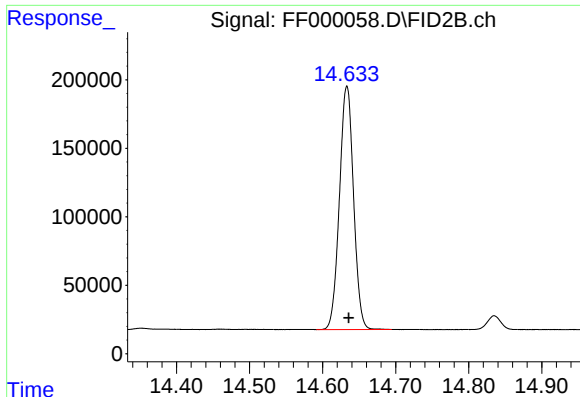
#7 N-EICOSANE

R.T.: 12.535 min  
Delta R.T.: -0.004 min  
Response: 150215  
Conc: 1.10 ug/ml m



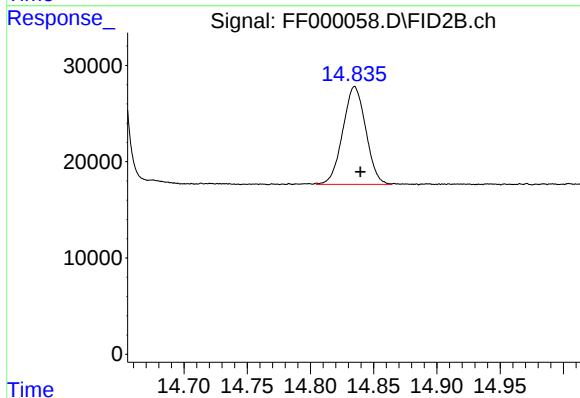
#8 N-DOCOSANE

R.T.: 13.733 min  
Delta R.T.: -0.004 min  
Response: 140581  
Conc: 1.08 ug/ml m



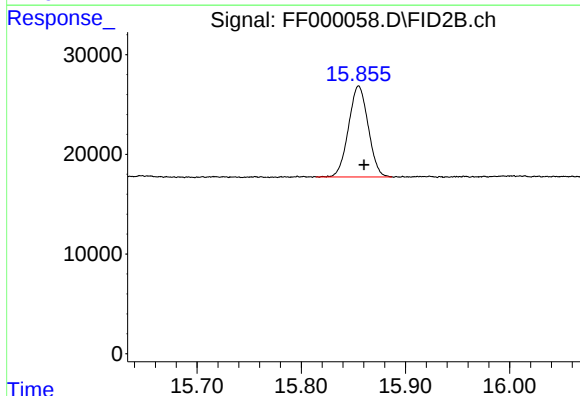
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.633 min  
Delta R.T.: -0.003 min  
Response: 2385010  
Conc: 20.94 ug/ml



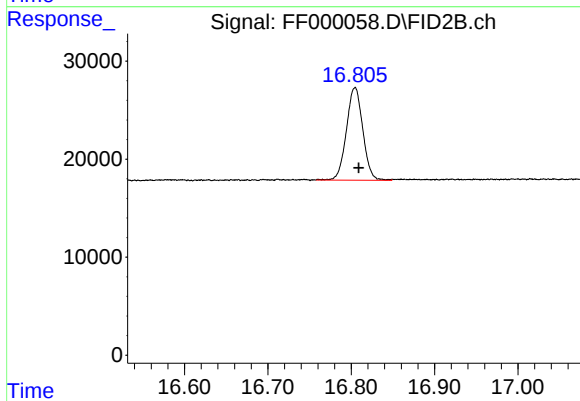
#10 N-TETRACOSANE

R.T.: 14.835 min  
Delta R.T.: -0.005 min  
Response: 128399  
Conc: 1.01 ug/ml m



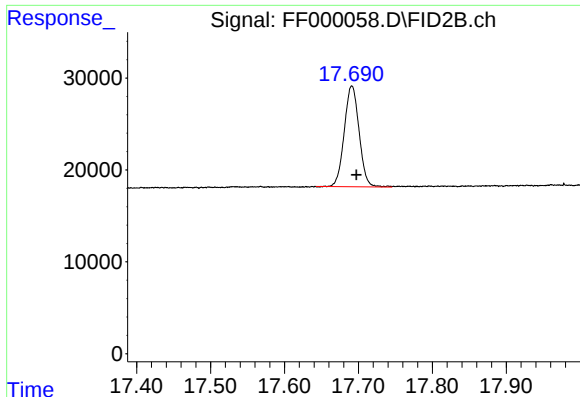
#11 N-HEXACOSANE

R.T.: 15.855 min  
Delta R.T.: -0.005 min  
Response: 119513  
Conc: 0.99 ug/ml m



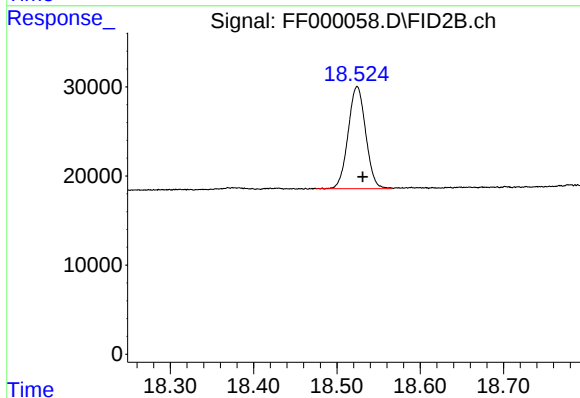
#12 N-OCTACOSANE

R.T.: 16.805 min  
Delta R.T.: -0.004 min  
Response: 129668  
Conc: 1.12 ug/ml m



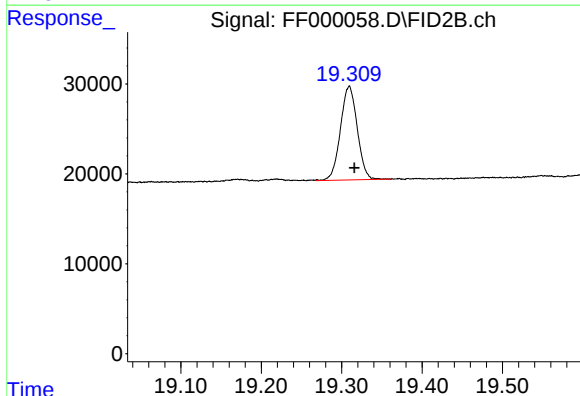
#13 N-TRIACONTANE

R.T.: 17.690 min  
Delta R.T.: -0.007 min  
Response: 153079  
Conc: 1.40 ug/ml m



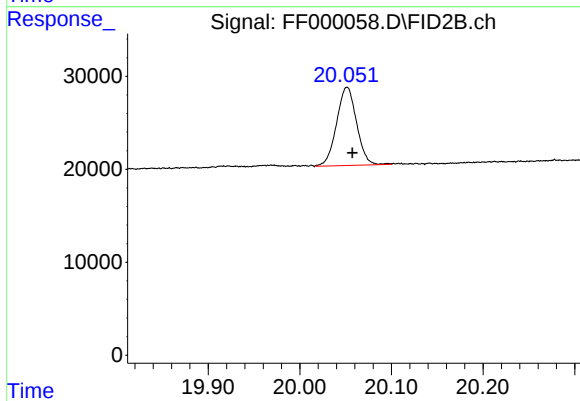
#14 N-DOTRIACONTANE

R.T.: 18.524 min  
Delta R.T.: -0.007 min  
Response: 167680  
Conc: 1.70 ug/ml m



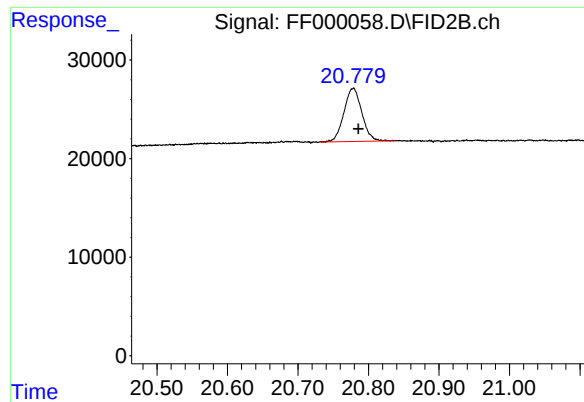
#15 N-TETRATRIACONTANE

R.T.: 19.309 min  
Delta R.T.: -0.006 min  
Response: 151227  
Conc: 1.83 ug/ml m



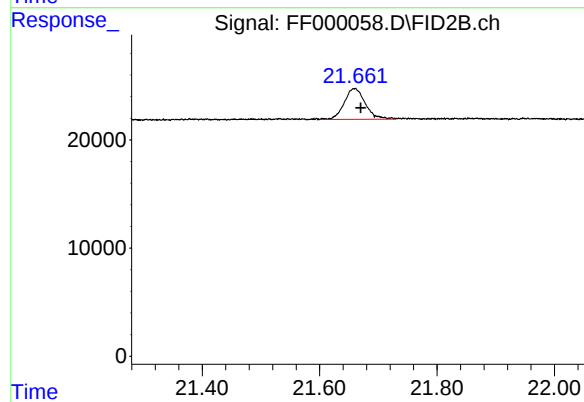
#16 N-HEXATRIACONTANE

R.T.: 20.051 min  
Delta R.T.: -0.007 min  
Response: 127765  
Conc: 1.95 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.779 min  
Delta R.T.: -0.007 min  
Response: 95210  
Conc: 1.58 ug/ml m



#18 N-TETRACONTANE

R.T.: 21.661 min  
Delta R.T.: -0.009 min  
Response: 71518  
Conc: 1.25 ug/ml m