

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG061421\  
 Data File : FG008320.D  
 Signal(s) : FID1A.ch  
 Acq On : 14 Jun 2021 13:48  
 Operator : DD\AJ  
 Sample : M2674-02MSD 10X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 TMR-DS-02-060921MSD

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: Jun 15 01:20:13 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG052521.M  
 Quant Title :  
 QLast Update : Wed May 26 08:20:50 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... | 14.784 | 482834   | 4.069 ug/mlm  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.379  | 467378   | 3.637 ug/mlm  |
| 2) N-DECANE                   | 4.473  | 388554   | 2.966 ug/mlm  |
| 3) N-DODECANE                 | 6.503  | 903583   | 6.773 ug/mlm  |
| 4) N-TETRADECANE              | 8.305  | 3381197  | 24.800 ug/mlm |
| 5) N-HEXADECANE               | 9.939  | 7642150  | 56.131 ug/mlm |
| 6) N-OCTADECANE               | 11.362 | 2412852  | 17.415 ug/mlm |
| 7) N-EICOSANE                 | 12.679 | 3173170  | 23.183 ug/mlm |
| 8) N-DOCOSANE                 | 13.884 | 4166885  | 30.700 ug/mlm |
| 10) N-TETRACOSANE             | 14.991 | 2469500  | 18.357 ug/mlm |
| 11) N-HEXACOSANE              | 16.012 | 522688   | 3.977 ug/mlm  |
| 12) N-OCTACOSANE              | 16.939 | 1838318  | 14.183 ug/mlm |
| 13) N-TRIACONTANE             | 17.855 | 3695354  | 28.947 ug/mlm |
| 14) N-DOTRIACONTANE           | 18.687 | 167317   | 1.346 ug/mlm  |
| 15) N-TETRATRIACONTANE        | 19.476 | 453279   | 3.875 ug/mlm  |
| 16) N-HEXATRIACONTANE         | 20.212 | 103745   | 0.937 ug/mlm  |
| 17) N-OCTATRIACONTANE         | 21.004 | 430018   | 4.163 ug/mlm  |
| 18) N-TETRACONTANE            | 21.906 | 104831   | 0.977 ug/mlm  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 9 Sample Multiplier: 1

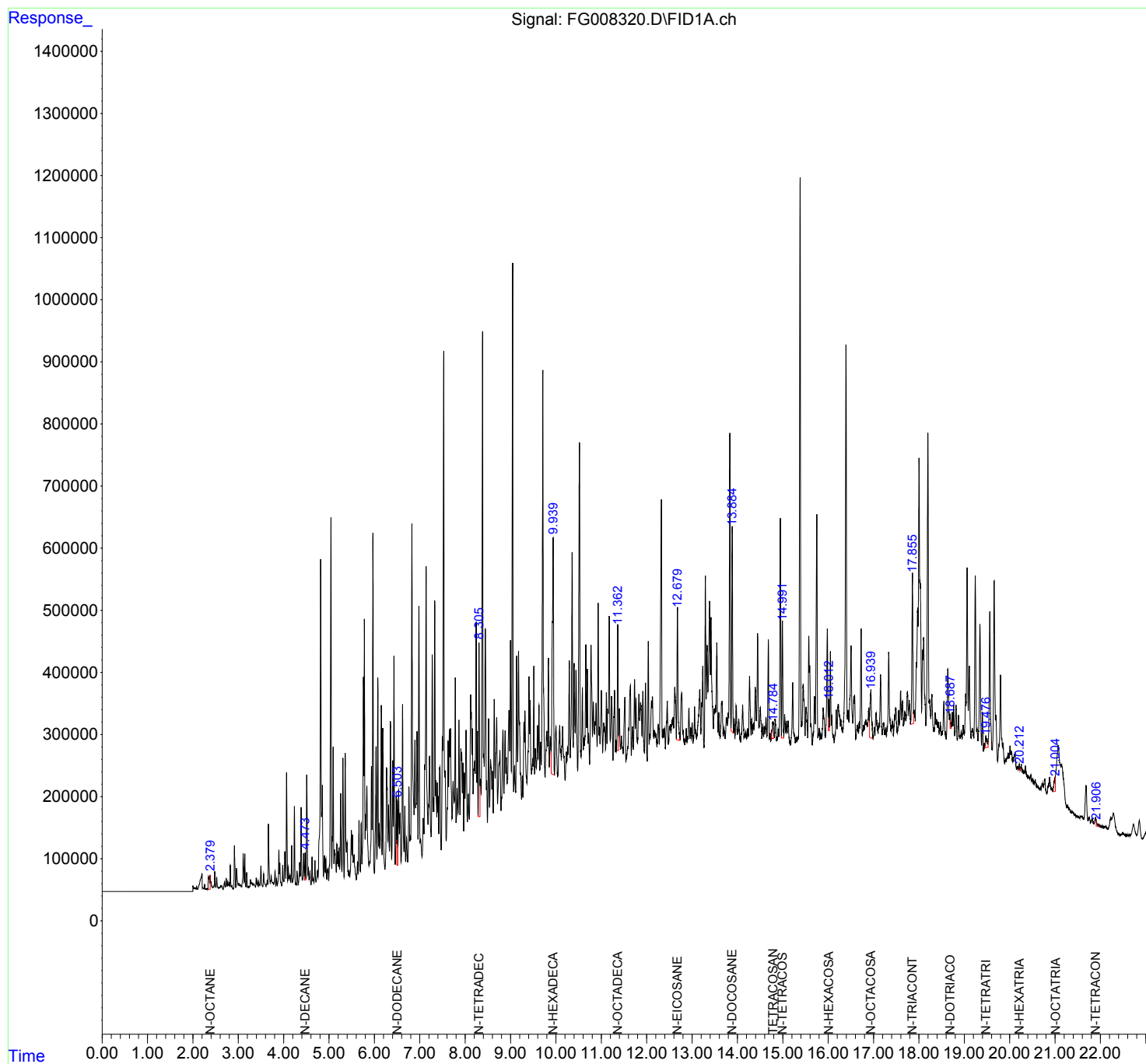
Instrument :  
FID\_G  
ClientSampleId :  
TMR-DS-02-060921MSD

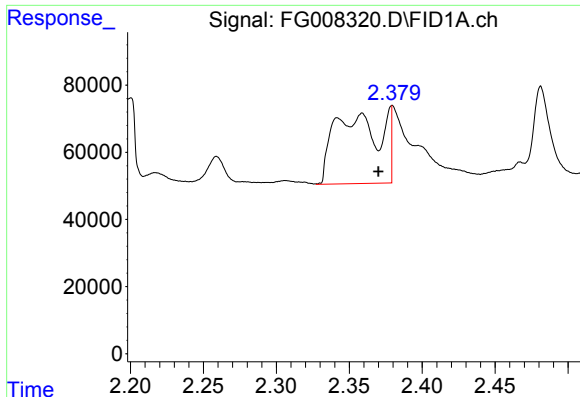
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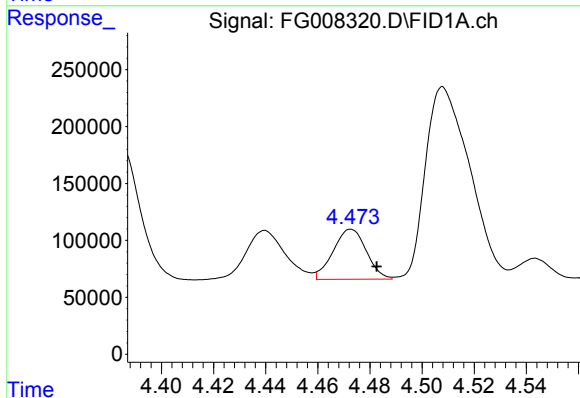
#1 N-OCTANE

R.T.: 2.379 min  
Delta R.T.: 0.009 min  
Response: 467378  
Conc: 3.64 ug/ml m

Instrument :  
FID\_G  
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TMR-DS-02-060921MSD

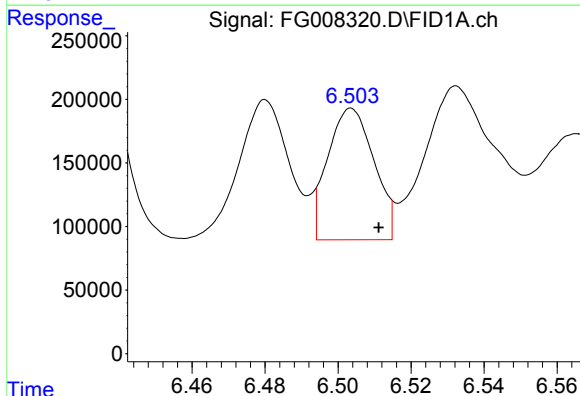
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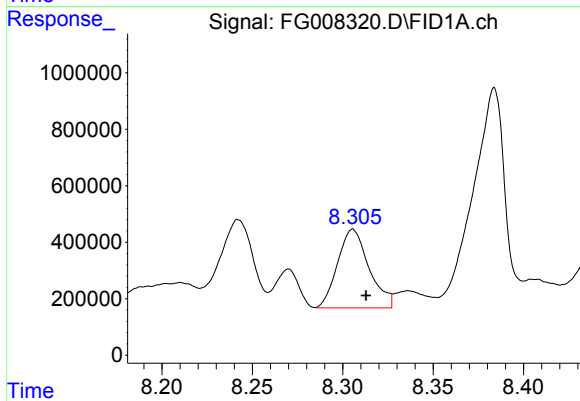
#2 N-DECANE

R.T.: 4.473 min  
Delta R.T.: -0.010 min  
Response: 388554  
Conc: 2.97 ug/ml m



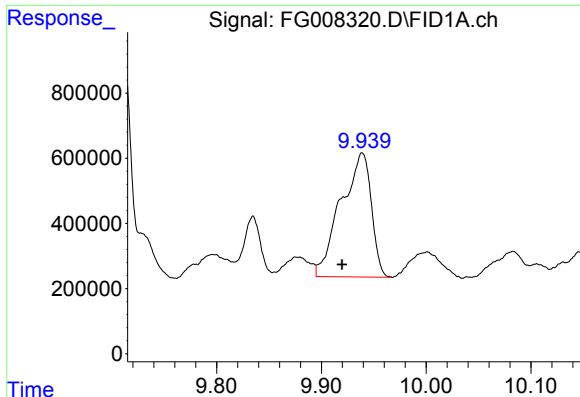
#3 N-DODECANE

R.T.: 6.503 min  
Delta R.T.: -0.008 min  
Response: 903583  
Conc: 6.77 ug/ml m



#4 N-TETRADECANE

R.T.: 8.305 min  
Delta R.T.: -0.007 min  
Response: 3381197  
Conc: 24.80 ug/ml m



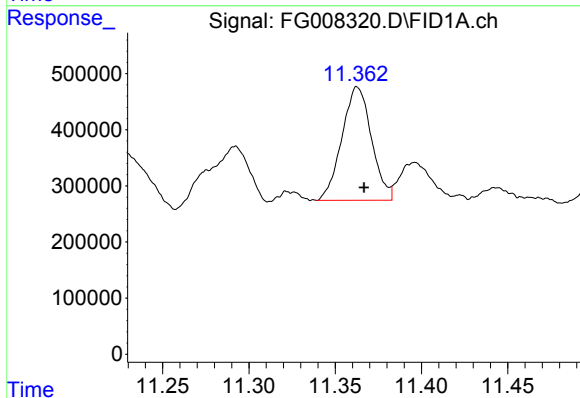
#5 N-HEXADECANE

R.T.: 9.939 min  
Delta R.T.: 0.019 min  
Response: 7642150  
Conc: 56.13 ug/ml m

Instrument :  
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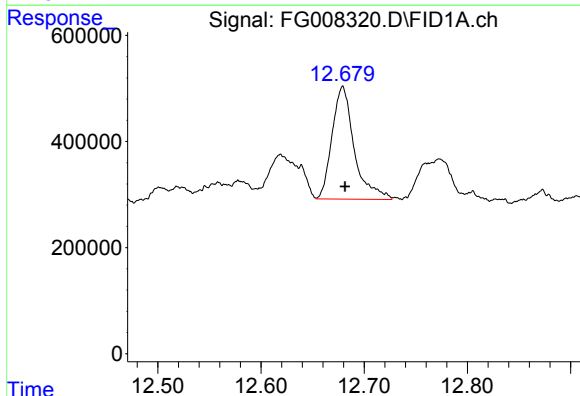
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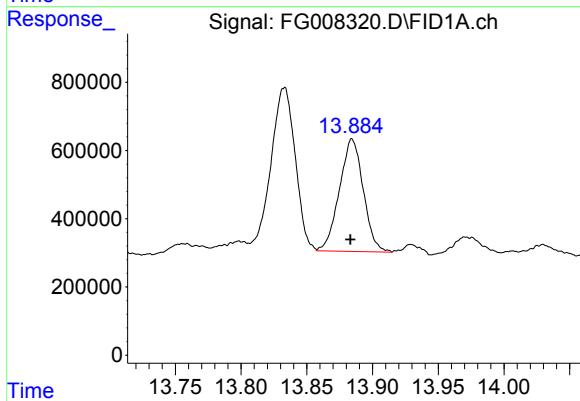
#6 N-OCTADECANE

R.T.: 11.362 min  
Delta R.T.: -0.005 min  
Response: 2412852  
Conc: 17.42 ug/ml m



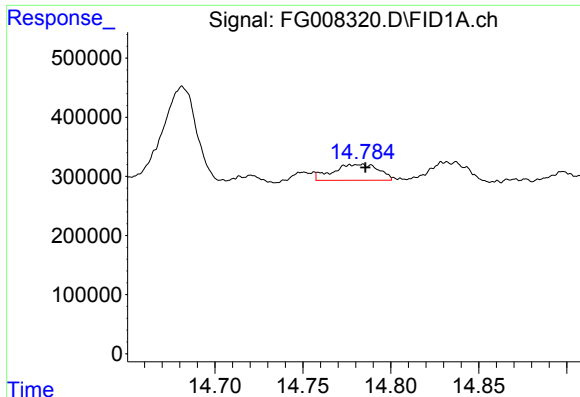
#7 N-EICOSANE

R.T.: 12.679 min  
Delta R.T.: -0.002 min  
Response: 3173170  
Conc: 23.18 ug/ml m



#8 N-DOCOSANE

R.T.: 13.884 min  
Delta R.T.: 0.000 min  
Response: 4166885  
Conc: 30.70 ug/ml m



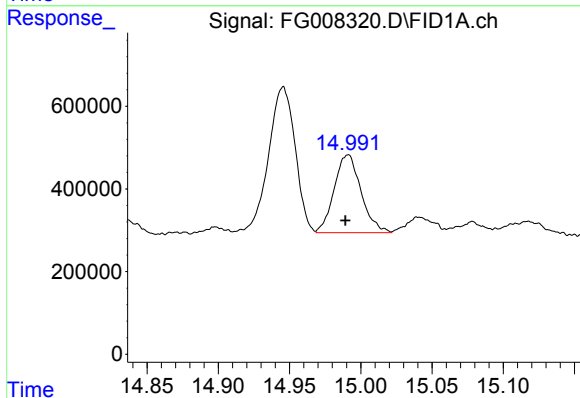
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.784 min  
Delta R.T.: -0.002 min  
Response: 482834  
Conc: 4.07 ug/ml m

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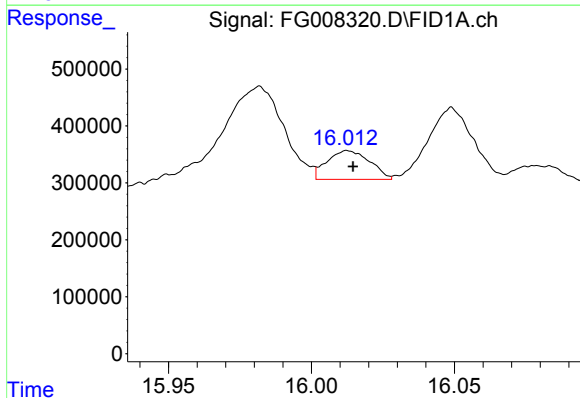
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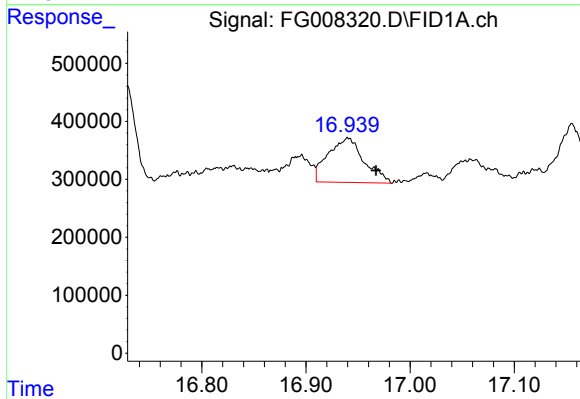
#10 N-TETRACOSANE

R.T.: 14.991 min  
Delta R.T.: 0.002 min  
Response: 2469500  
Conc: 18.36 ug/ml m



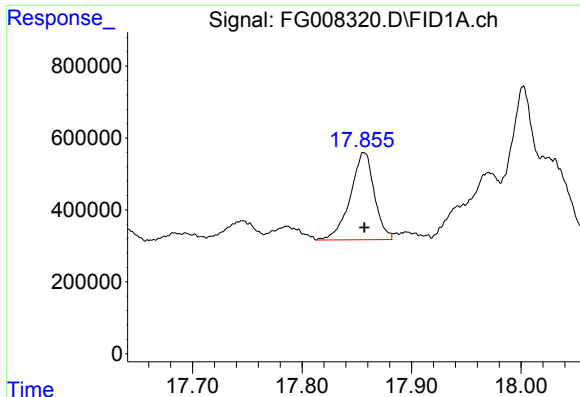
#11 N-HEXACOSANE

R.T.: 16.012 min  
Delta R.T.: -0.003 min  
Response: 522688  
Conc: 3.98 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.939 min  
Delta R.T.: -0.028 min  
Response: 1838318  
Conc: 14.18 ug/ml m



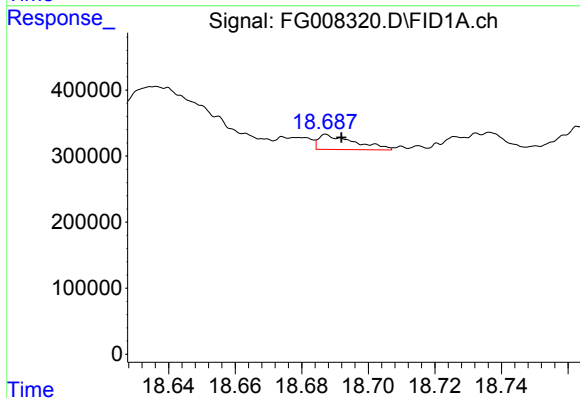
#13 N-TRIACONTANE

R.T.: 17.855 min  
Delta R.T.: -0.002 min  
Response: 3695354  
Conc: 28.95 ug/ml m

Instrument :  
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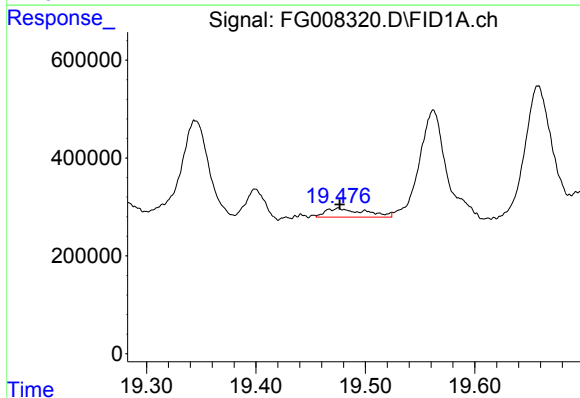
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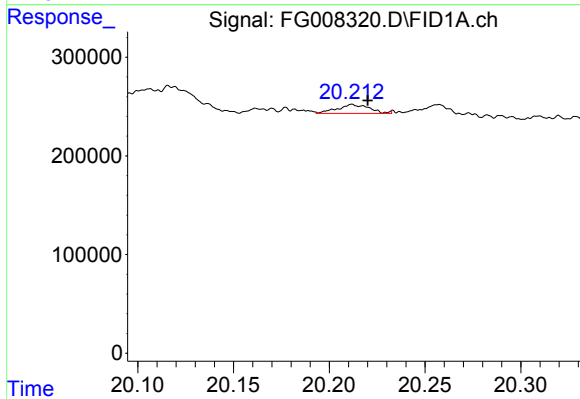
#14 N-DOTRIACONTANE

R.T.: 18.687 min  
Delta R.T.: -0.005 min  
Response: 167317  
Conc: 1.35 ug/ml m



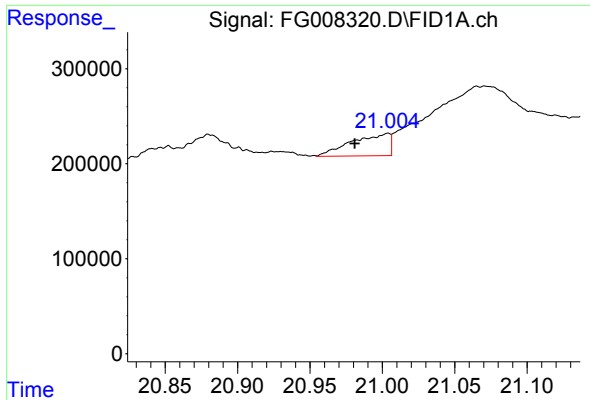
#15 N-TETRATRIACONTANE

R.T.: 19.476 min  
Delta R.T.: -0.001 min  
Response: 453279  
Conc: 3.87 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.212 min  
Delta R.T.: -0.008 min  
Response: 103745  
Conc: 0.94 ug/ml m



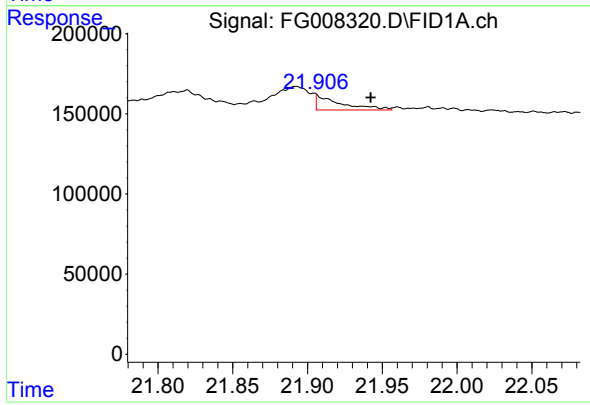
#17 N-OCTATRIACONTANE

R.T.: 21.004 min  
Delta R.T.: 0.023 min  
Response: 430018  
Conc: 4.16 ug/ml m

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#18 N-TETRACONTANE

R.T.: 21.906 min  
Delta R.T.: -0.036 min  
Response: 104831  
Conc: 0.98 ug/ml m