

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG070122\  
 Data File : FG010051.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 Jul 2022 12:24  
 Operator : AJ\MA  
 Sample : N3214-10  
 Misc : 2.5 PPM LOD  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 LOD-MDL-WATER-04-QT2-2022

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/05/2022  
 Supervised By :Ankita Jodhani 07/05/2022

Integration File: autoint1.e  
 Quant Time: Jul 02 01:45:57 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG062922.M  
 Quant Title :  
 QLast Update : Thu Jun 30 04:15:08 2022  
 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... | 14.813 | 2475618  | 20.820 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.828  | 290262   | 2.335 ug/ml  |
| 2) N-DECANE                   | 4.334  | 271258   | 2.134 ug/ml  |
| 3) N-DODECANE                 | 6.513  | 258608   | 2.001 ug/ml  |
| 4) N-TETRADECANE              | 8.344  | 258755   | 1.962 ug/ml  |
| 5) N-HEXADECANE               | 9.953  | 260156   | 1.950 ug/ml  |
| 6) N-OCTADECANE               | 11.397 | 260379   | 1.926 ug/ml  |
| 7) N-EICOSANE                 | 12.709 | 266988   | 1.993 ug/ml  |
| 8) N-DOCOSANE                 | 13.909 | 274008   | 2.048 ug/ml  |
| 10) N-TETRACOSANE             | 15.015 | 273766   | 2.066 ug/ml  |
| 11) N-HEXACOSANE              | 16.038 | 269066   | 2.052 ug/ml  |
| 12) N-OCTACOSANE              | 16.988 | 272535   | 2.122 ug/ml  |
| 13) N-TRIACONTANE             | 17.877 | 283791   | 2.255 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.711 | 261113   | 2.207 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.496 | 199094   | 1.874 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.238 | 155702   | 1.749 ug/ml  |
| 17) N-OCTATRIACONTANE         | 20.950 | 130730   | 1.679 ug/ml  |
| 18) N-TETRACONTANE            | 21.798 | 119293   | 1.522 ug/mlm |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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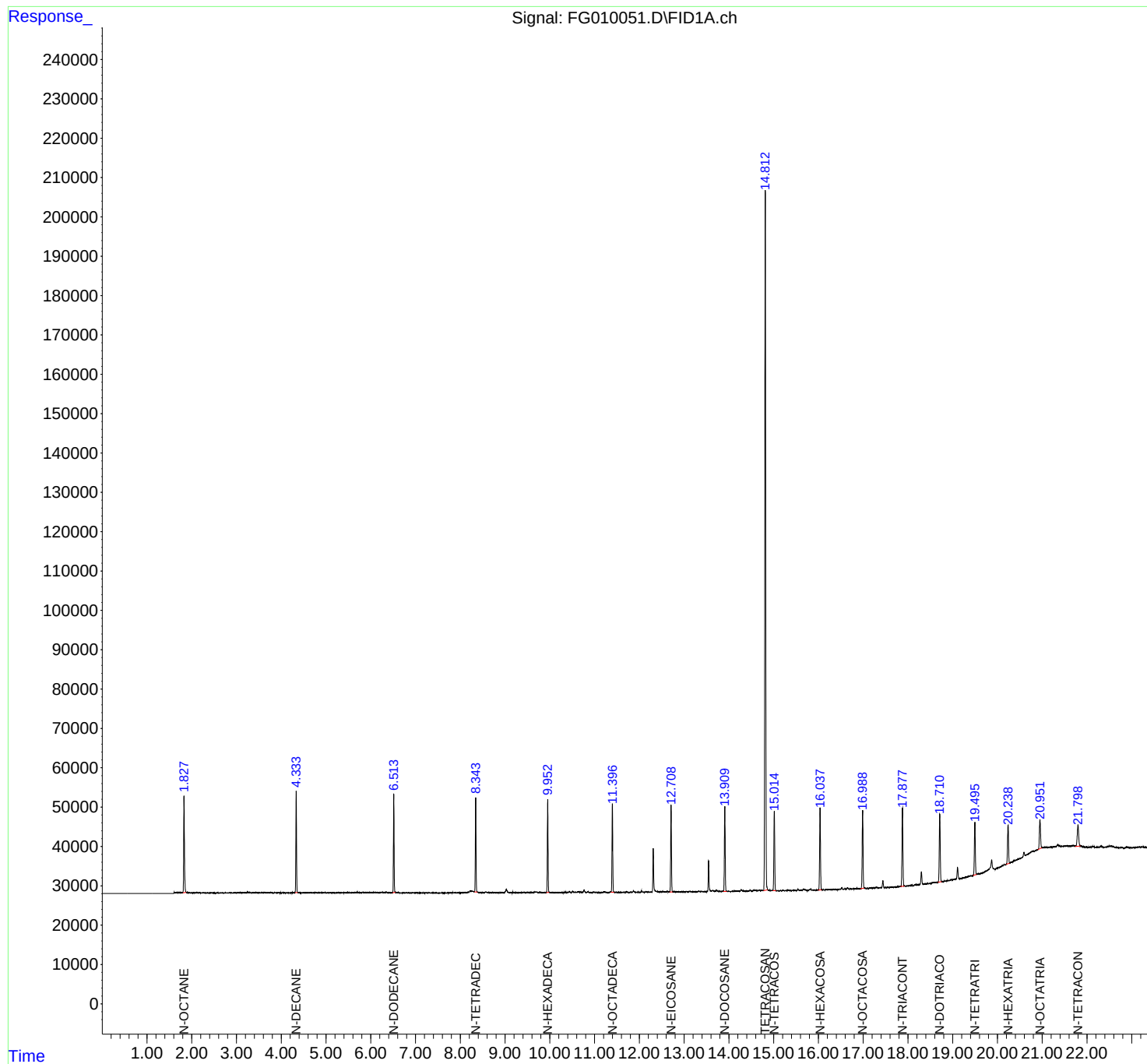
Instrument :  
FID\_G  
ClientSampleId :  
LOD-MDL-WATER-04-QT2-2022

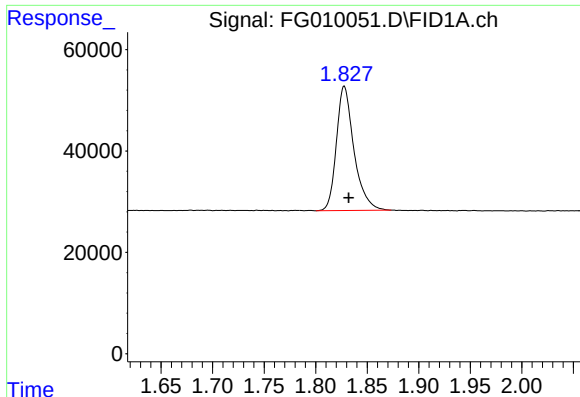
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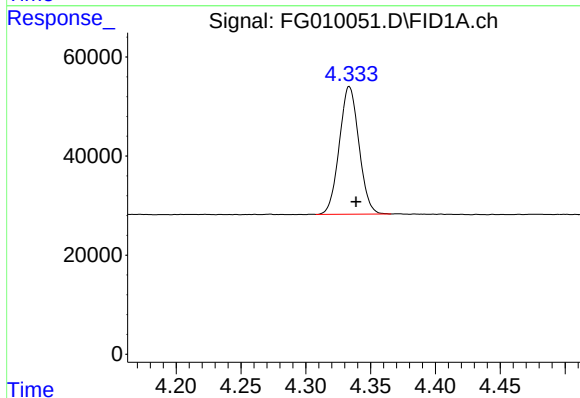
#1 N-OCTANE

R.T.: 1.828 min  
Delta R.T.: -0.004 min  
Response: 290262  
Conc: 2.33 ug/ml

Instrument : FID\_G  
ClientSampleId : LOD-MDL-WATER-04-QT2-2022

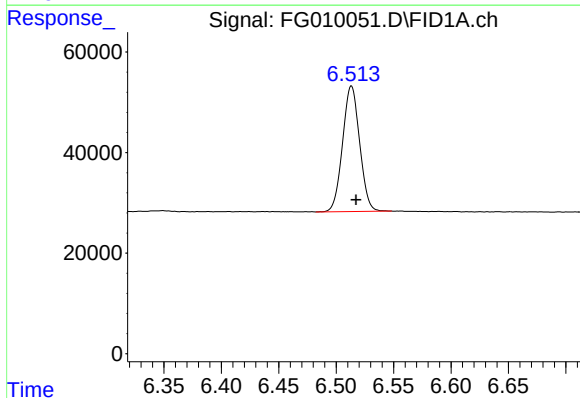
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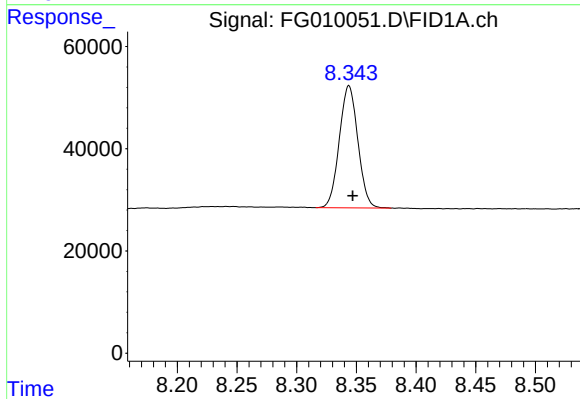
#2 N-DECANE

R.T.: 4.334 min  
Delta R.T.: -0.005 min  
Response: 271258  
Conc: 2.13 ug/ml



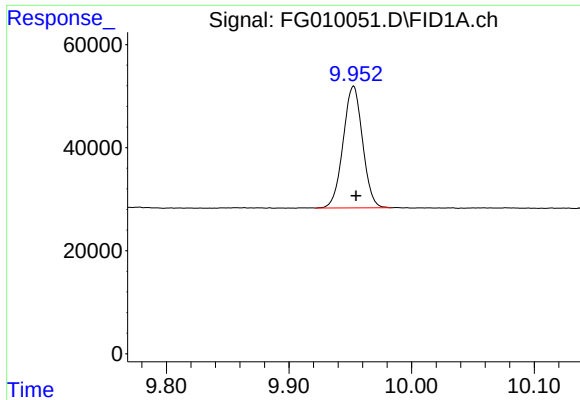
#3 N-DODECANE

R.T.: 6.513 min  
Delta R.T.: -0.004 min  
Response: 258608  
Conc: 2.00 ug/ml



#4 N-TETRADECANE

R.T.: 8.344 min  
Delta R.T.: -0.003 min  
Response: 258755  
Conc: 1.96 ug/ml



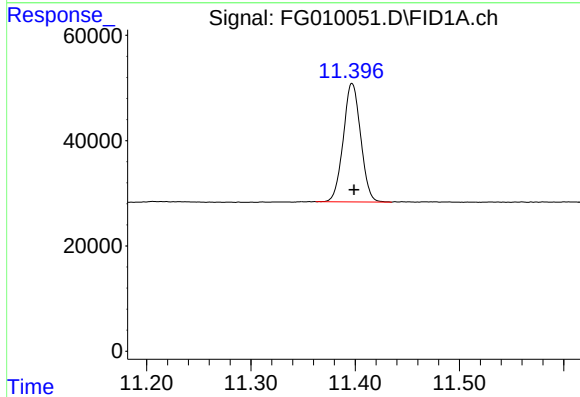
#5 N-HEXADECANE

R.T.: 9.953 min  
Delta R.T.: -0.002 min  
Response: 260156  
Conc: 1.95 ug/ml

Instrument :  
FID\_G  
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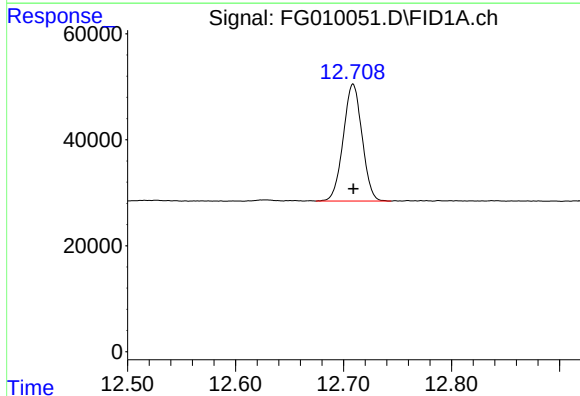
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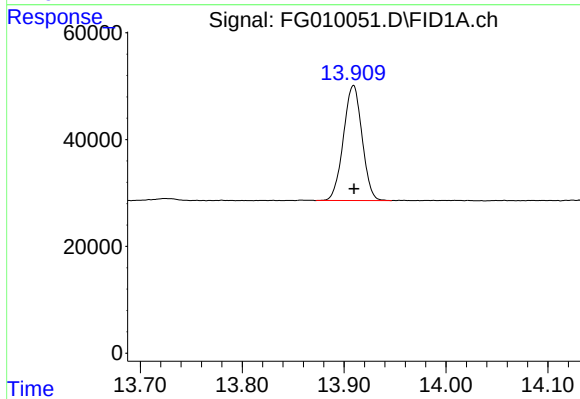
#6 N-OCTADECANE

R.T.: 11.397 min  
Delta R.T.: -0.002 min  
Response: 260379  
Conc: 1.93 ug/ml



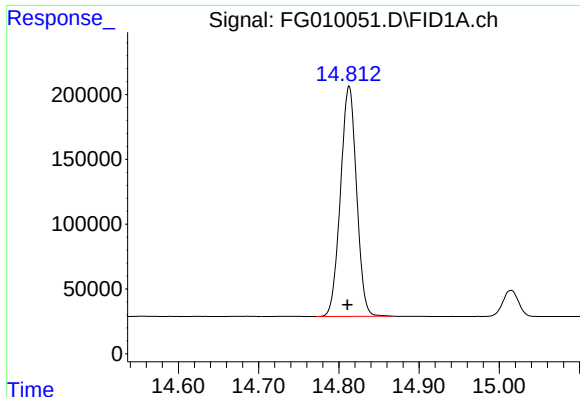
#7 N-EICOSANE

R.T.: 12.709 min  
Delta R.T.: 0.000 min  
Response: 266988  
Conc: 1.99 ug/ml



#8 N-DOCOSANE

R.T.: 13.909 min  
Delta R.T.: 0.000 min  
Response: 274008  
Conc: 2.05 ug/ml



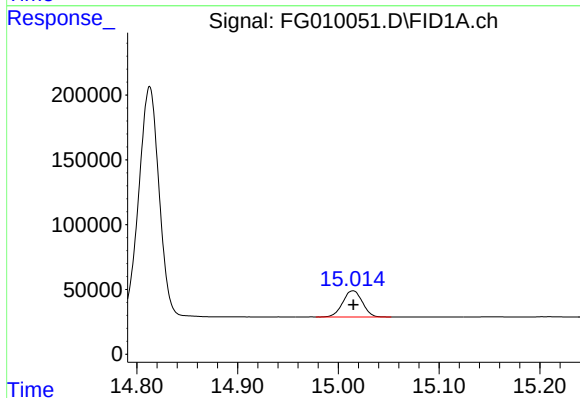
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.813 min  
Delta R.T.: 0.002 min  
Response: 2475618  
Conc: 20.82 ug/ml

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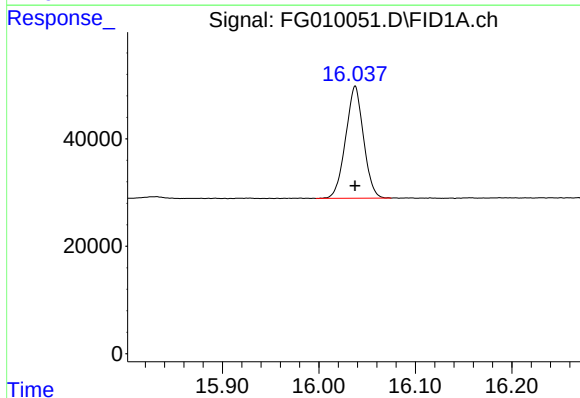
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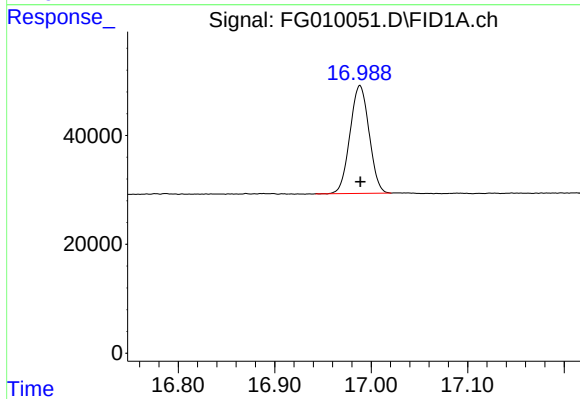
#10 N-TETRACOSANE

R.T.: 15.015 min  
Delta R.T.: 0.000 min  
Response: 273766  
Conc: 2.07 ug/ml



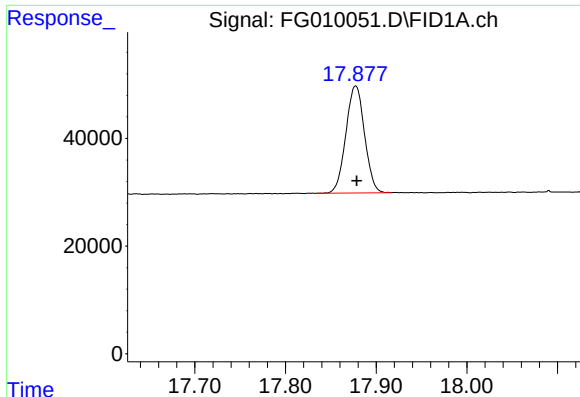
#11 N-HEXACOSANE

R.T.: 16.038 min  
Delta R.T.: 0.000 min  
Response: 269066  
Conc: 2.05 ug/ml



#12 N-OCTACOSANE

R.T.: 16.988 min  
Delta R.T.: 0.000 min  
Response: 272535  
Conc: 2.12 ug/ml



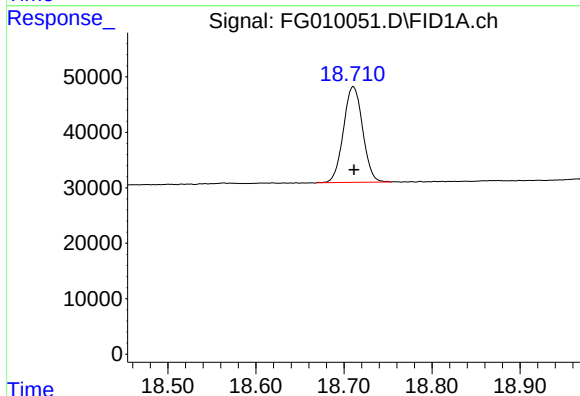
#13 N-TRIACONTANE

R.T.: 17.877 min  
Delta R.T.: -0.001 min  
Response: 283791  
Conc: 2.26 ug/ml

Instrument :  
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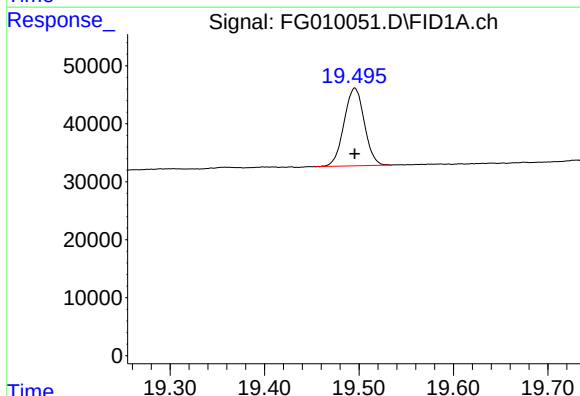
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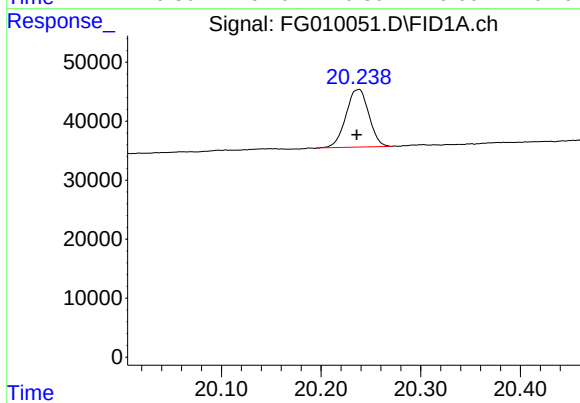
#14 N-DOTRIACONTANE

R.T.: 18.711 min  
Delta R.T.: 0.000 min  
Response: 261113  
Conc: 2.21 ug/ml



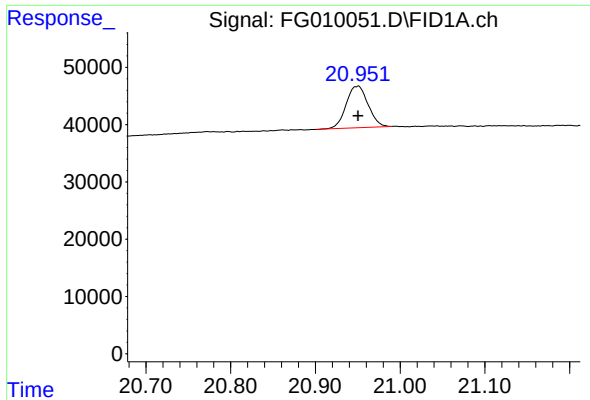
#15 N-TETRATRIACONTANE

R.T.: 19.496 min  
Delta R.T.: 0.000 min  
Response: 199094  
Conc: 1.87 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.238 min  
Delta R.T.: 0.002 min  
Response: 155702  
Conc: 1.75 ug/ml



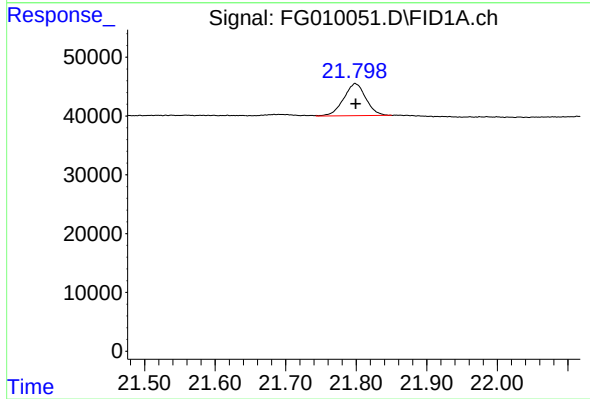
#17 N-OCTATRIACONTANE

R.T.: 20.950 min  
Delta R.T.: 0.000 min  
Response: 130730  
Conc: 1.68 ug/ml

Instrument :  
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#18 N-TETRACONTANE

R.T.: 21.798 min  
Delta R.T.: -0.001 min  
Response: 119293  
Conc: 1.52 ug/ml m