

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG080823\  
 Data File : FG012633.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Aug 2023 18:16  
 Operator : YP\AJ  
 Sample : 03572-10  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 LOD-MDL-WATER-04-QT3-2023

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023  
 Supervised By :Ankita Jodhani 08/09/2023

Integration File: autoint1.e  
 Quant Time: Aug 09 02:25:01 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080223.M  
 Quant Title :  
 QLast Update : Wed Aug 02 18:57:31 2023  
 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... | 15.079 | 2575048  | 23.019 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.081  | 136205   | 1.106 ug/ml  |
| 2) N-DECANE                   | 4.597  | 153997   | 1.212 ug/ml  |
| 3) N-DODECANE                 | 6.769  | 157589   | 1.227 ug/ml  |
| 4) N-TETRADECANE              | 8.601  | 160963   | 1.250 ug/ml  |
| 5) N-HEXADECANE               | 10.212 | 161105   | 1.242 ug/ml  |
| 6) N-OCTADECANE               | 11.660 | 160720   | 1.225 ug/ml  |
| 7) N-EICOSANE                 | 12.974 | 160033   | 1.244 ug/ml  |
| 8) N-DOCOSANE                 | 14.175 | 154868   | 1.225 ug/ml  |
| 10) N-TETRACOSANE             | 15.281 | 156619   | 1.238 ug/ml  |
| 11) N-HEXACOSANE              | 16.304 | 152233   | 1.216 ug/ml  |
| 12) N-OCTACOSANE              | 17.256 | 157785   | 1.284 ug/ml  |
| 13) N-TRIACONTANE             | 18.144 | 182457   | 1.541 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.979 | 195995   | 1.745 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.762 | 167275   | 1.766 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.504 | 127542   | 1.572 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.259 | 103018   | 1.427 ug/ml  |
| 18) N-TETRACONTANE            | 22.209 | 89014    | 1.278 ug/mlm |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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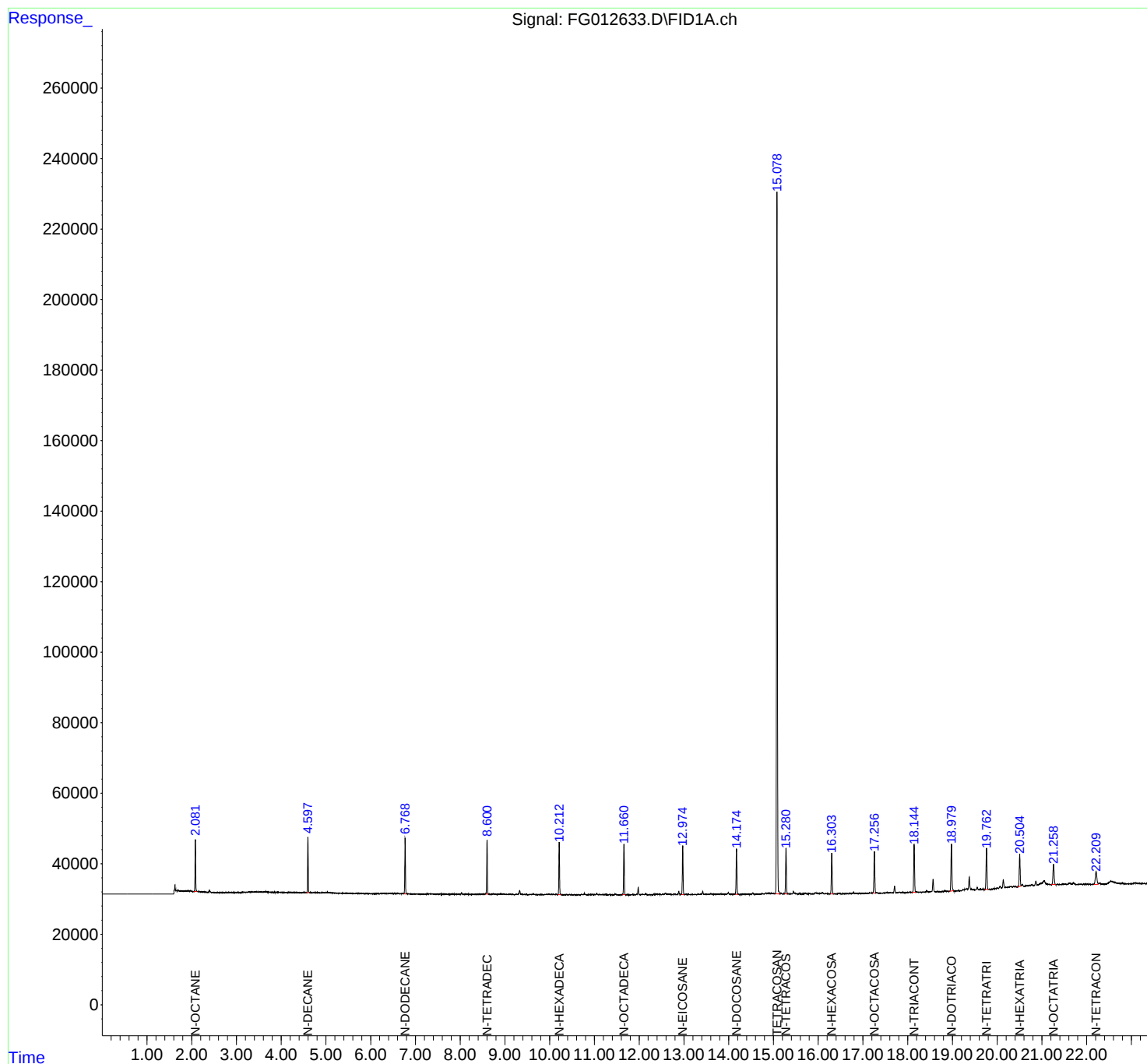
Instrument :  
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LOD-MDL-WATER-04-QT3-2023

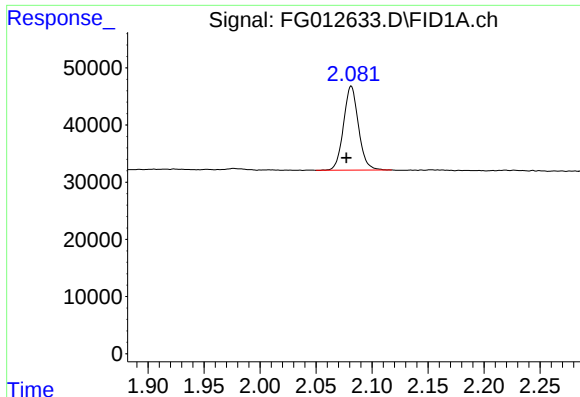
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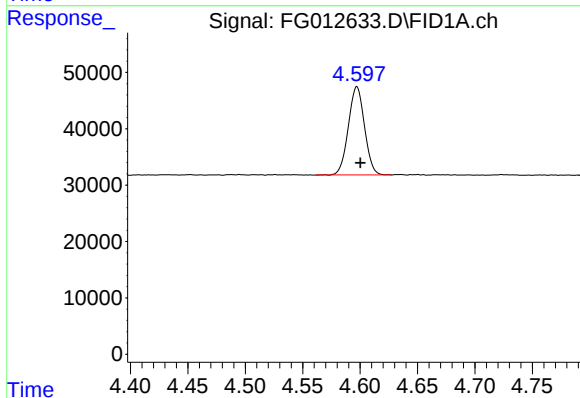
#1 N-OCTANE

R.T.: 2.081 min  
Delta R.T.: 0.004 min  
Response: 136205  
Conc: 1.11 ug/ml

Instrument :  
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LOD-MDL-WATER-04-QT3-2023

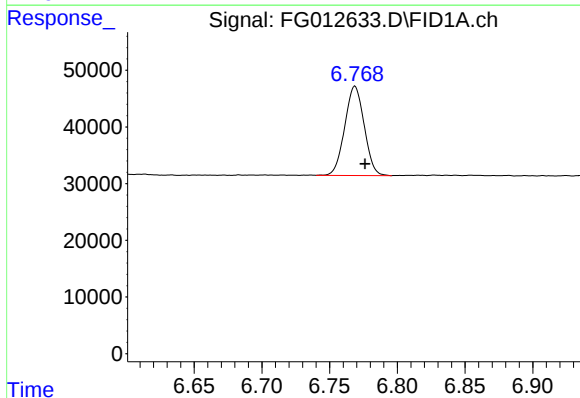
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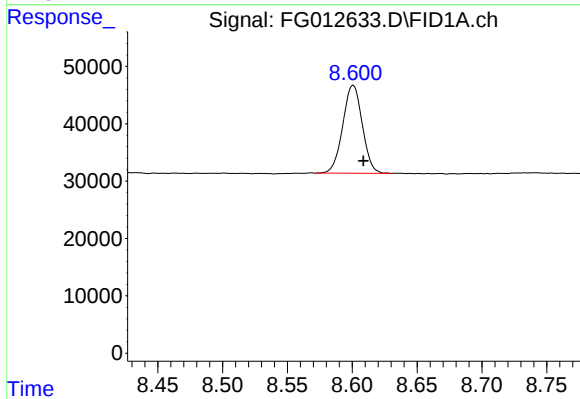
#2 N-DECANE

R.T.: 4.597 min  
Delta R.T.: -0.003 min  
Response: 153997  
Conc: 1.21 ug/ml



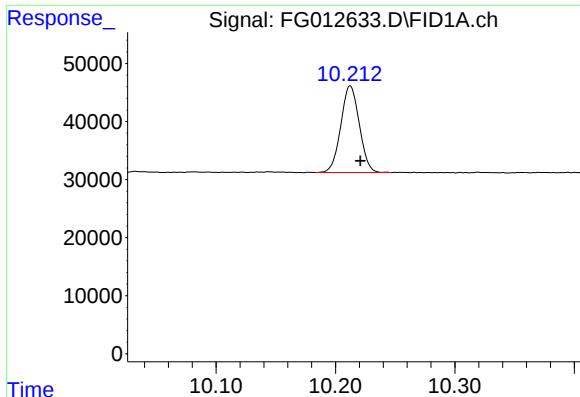
#3 N-DODECANE

R.T.: 6.769 min  
Delta R.T.: -0.007 min  
Response: 157589  
Conc: 1.23 ug/ml



#4 N-TETRADECANE

R.T.: 8.601 min  
Delta R.T.: -0.008 min  
Response: 160963  
Conc: 1.25 ug/ml



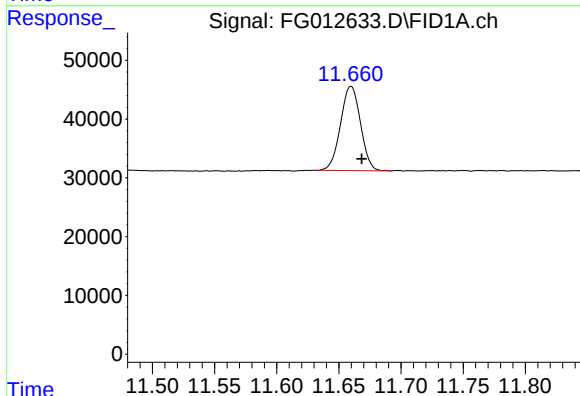
#5 N-HEXADECANE

R.T.: 10.212 min  
Delta R.T.: -0.008 min  
Response: 161105  
Conc: 1.24 ug/ml

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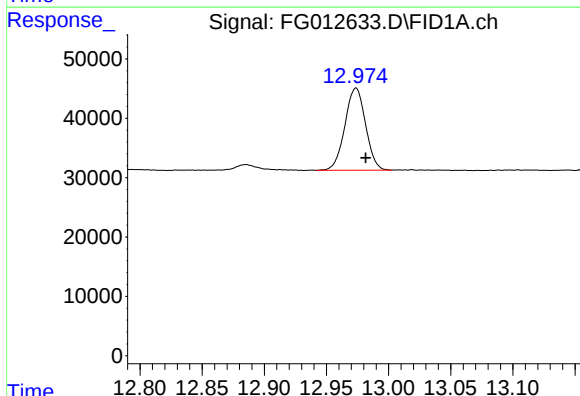
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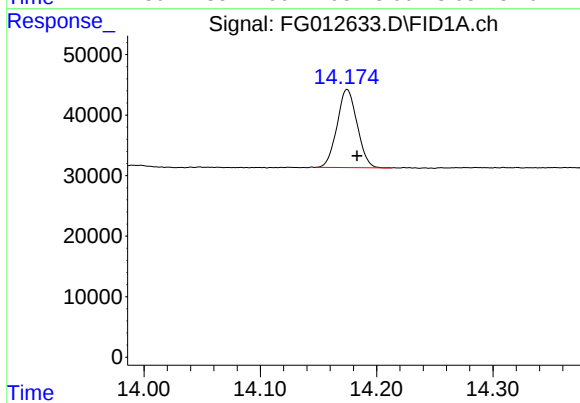
#6 N-OCTADECANE

R.T.: 11.660 min  
Delta R.T.: -0.009 min  
Response: 160720  
Conc: 1.23 ug/ml



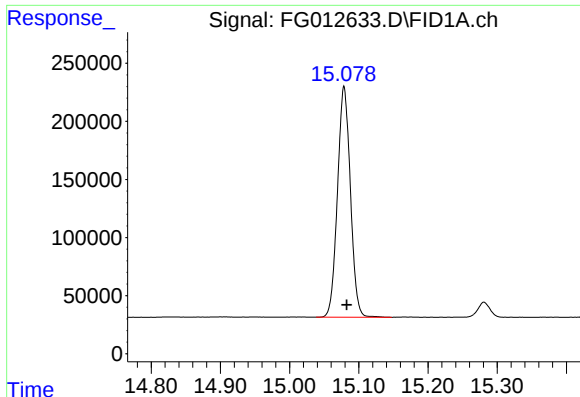
#7 N-EICOSANE

R.T.: 12.974 min  
Delta R.T.: -0.008 min  
Response: 160033  
Conc: 1.24 ug/ml



#8 N-DOCOSANE

R.T.: 14.175 min  
Delta R.T.: -0.008 min  
Response: 154868  
Conc: 1.22 ug/ml



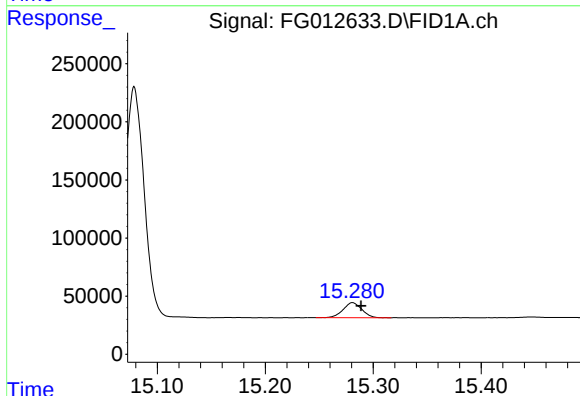
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.079 min  
Delta R.T.: -0.004 min  
Response: 2575048  
Conc: 23.02 ug/ml

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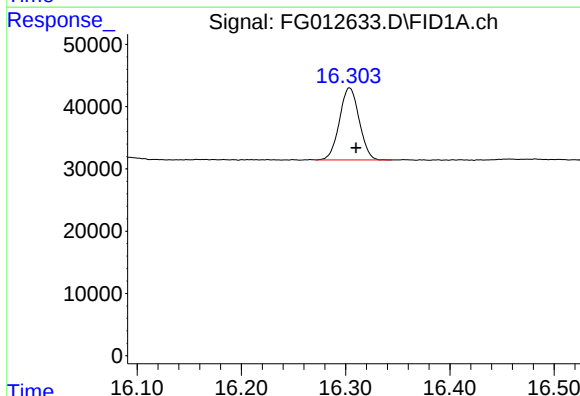
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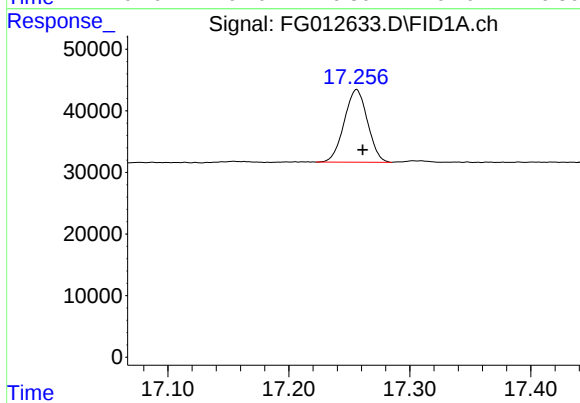
#10 N-TETRACOSANE

R.T.: 15.281 min  
Delta R.T.: -0.008 min  
Response: 156619  
Conc: 1.24 ug/ml



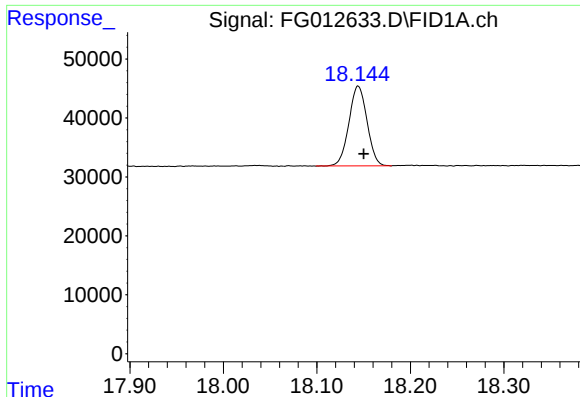
#11 N-HEXACOSANE

R.T.: 16.304 min  
Delta R.T.: -0.006 min  
Response: 152233  
Conc: 1.22 ug/ml



#12 N-OCTACOSANE

R.T.: 17.256 min  
Delta R.T.: -0.005 min  
Response: 157785  
Conc: 1.28 ug/ml



#13 N-TRIACONTANE

R.T.: 18.144 min  
Delta R.T.: -0.006 min  
Response: 182457  
Conc: 1.54 ug/ml

Instrument :

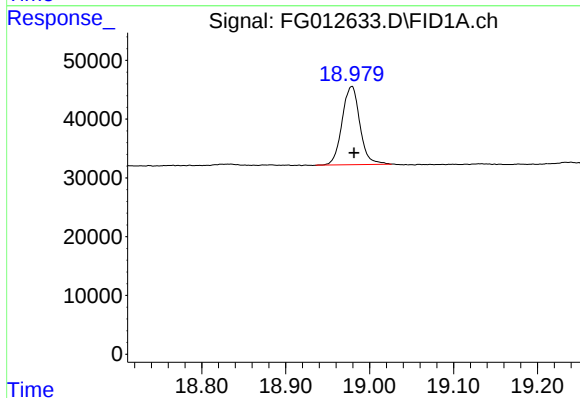
FID\_G

ClientSampleId :

LOD-MDL-WATER-04-QT3-2023

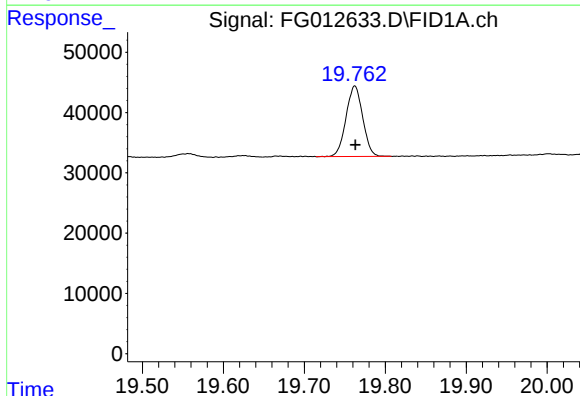
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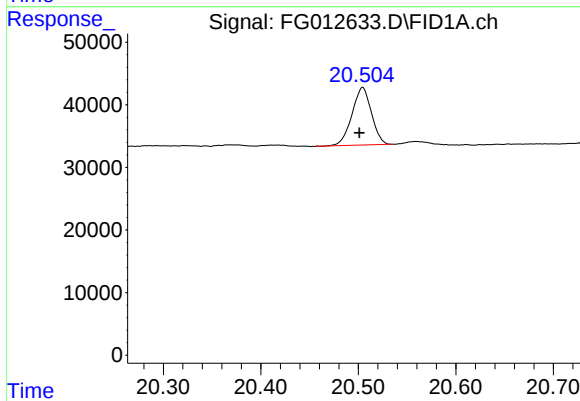
#14 N-DOTRIACONTANE

R.T.: 18.979 min  
Delta R.T.: -0.003 min  
Response: 195995  
Conc: 1.75 ug/ml



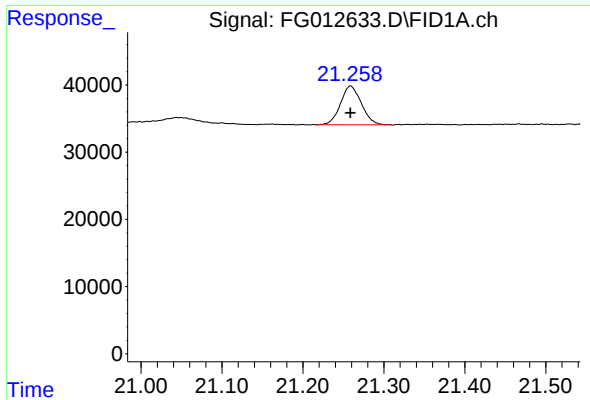
#15 N-TETRATRIACONTANE

R.T.: 19.762 min  
Delta R.T.: 0.000 min  
Response: 167275  
Conc: 1.77 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.504 min  
Delta R.T.: 0.003 min  
Response: 127542  
Conc: 1.57 ug/ml



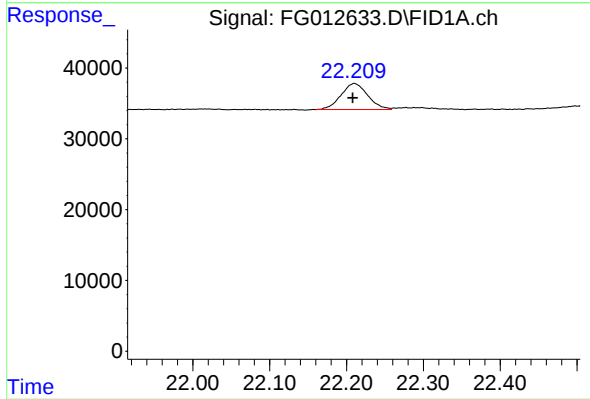
#17 N-OCTATRIACONTANE

R.T.: 21.259 min  
Delta R.T.: 0.000 min  
Response: 103018  
Conc: 1.43 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.209 min  
Delta R.T.: 0.001 min  
Response: 89014  
Conc: 1.28 ug/ml m