

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG080923\  
 Data File : FG012652.D  
 Signal(s) : FID1A.ch  
 Acq On : 09 Aug 2023 18:46  
 Operator : YP\AJ  
 Sample : 03572-06  
 Misc : TPH GC MDL 1 PPM  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 MDL-SOIL-06-QT3-2023

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/10/2023  
 Supervised By :Ankita Jodhani 08/10/2023

Integration File: autoint1.e  
 Quant Time: Aug 09 23:58:03 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 | 2243091  | 20.052 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.082  | 120622   | 0.980 ug/ml  |
| 2) N-DECANE                   | 4.597  | 136313   | 1.073 ug/ml  |
| 3) N-DODECANE                 | 6.769  | 139244   | 1.084 ug/ml  |
| 4) N-TETRADECANE              | 8.601  | 142650   | 1.107 ug/ml  |
| 5) N-HEXADECANE               | 10.213 | 141103   | 1.088 ug/ml  |
| 6) N-OCTADECANE               | 11.661 | 141036   | 1.075 ug/ml  |
| 7) N-EICOSANE                 | 12.974 | 138520   | 1.077 ug/ml  |
| 8) N-DOCOSANE                 | 14.176 | 135525   | 1.072 ug/ml  |
| 10) N-TETRACOSANE             | 15.281 | 135277   | 1.070 ug/ml  |
| 11) N-HEXACOSANE              | 16.305 | 132628   | 1.060 ug/ml  |
| 12) N-OCTACOSANE              | 17.256 | 141375   | 1.150 ug/ml  |
| 13) N-TRIACONTANE             | 18.145 | 168305   | 1.421 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.977 | 180028   | 1.603 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.764 | 155969   | 1.647 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.503 | 121602   | 1.498 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.260 | 93919    | 1.301 ug/ml  |
| 18) N-TETRACONTANE            | 22.206 | 82418    | 1.183 ug/mlm |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 10 Sample Multiplier: 1

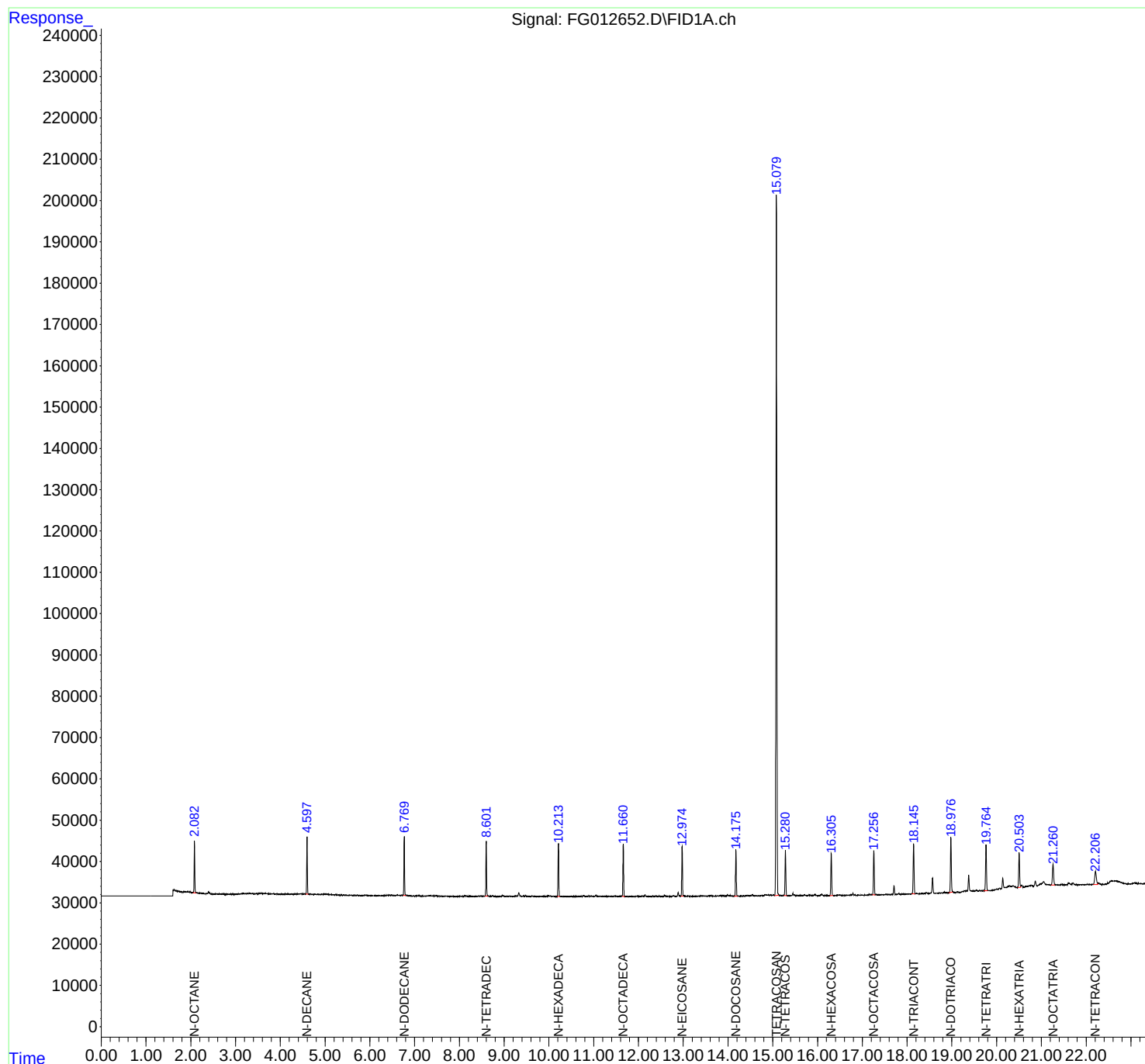
Instrument :  
FID\_G  
ClientSampleId :  
MDL-SOIL-06-QT3-2023

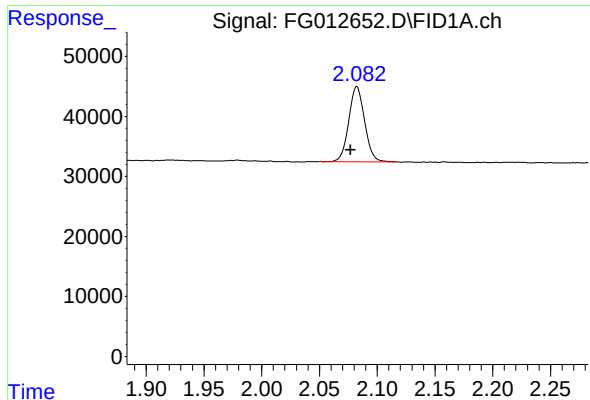
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Signal Info : 20mx0.18mmx0.18um





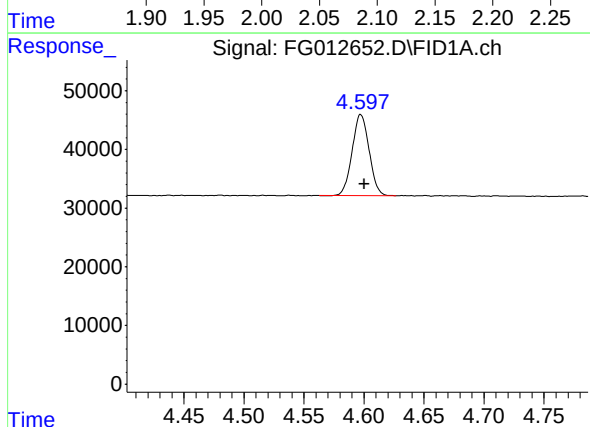
#1 N-OCTANE

R.T.: 2.082 min  
Delta R.T.: 0.005 min  
Response: 120622  
Conc: 0.98 ug/ml

Instrument :  
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MDL-SOIL-06-QT3-2023

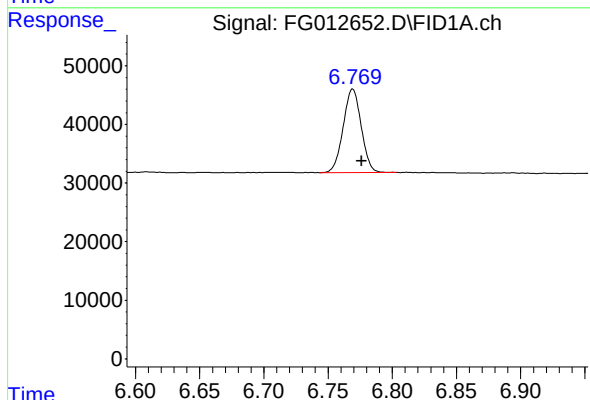
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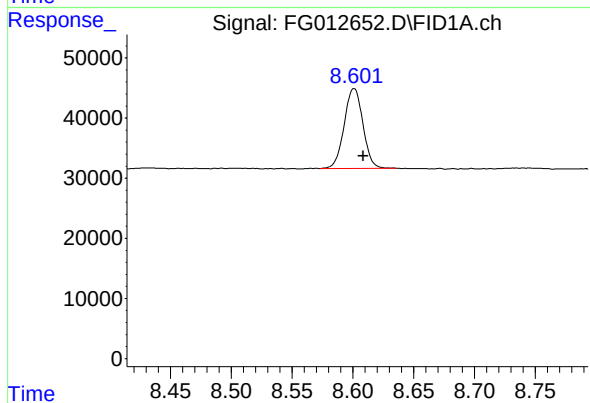
#2 N-DECANE

R.T.: 4.597 min  
Delta R.T.: -0.003 min  
Response: 136313  
Conc: 1.07 ug/ml



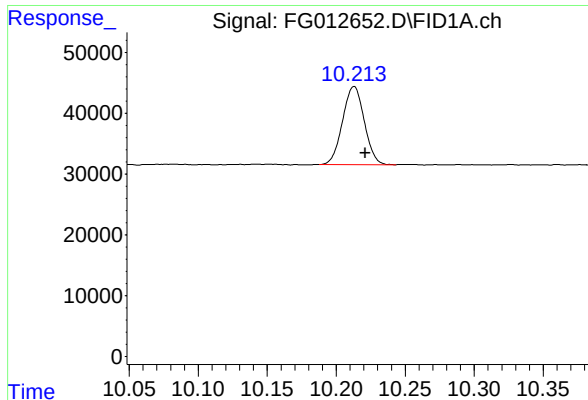
#3 N-DODECANE

R.T.: 6.769 min  
Delta R.T.: -0.007 min  
Response: 139244  
Conc: 1.08 ug/ml



#4 N-TETRADECANE

R.T.: 8.601 min  
Delta R.T.: -0.008 min  
Response: 142650  
Conc: 1.11 ug/ml



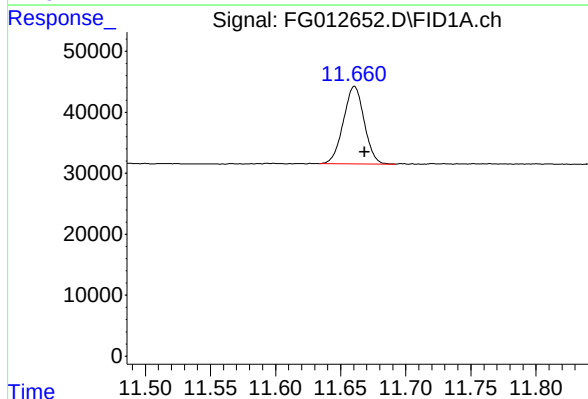
#5 N-HEXADECANE

R.T.: 10.213 min  
Delta R.T.: -0.008 min  
Response: 141103  
Conc: 1.09 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
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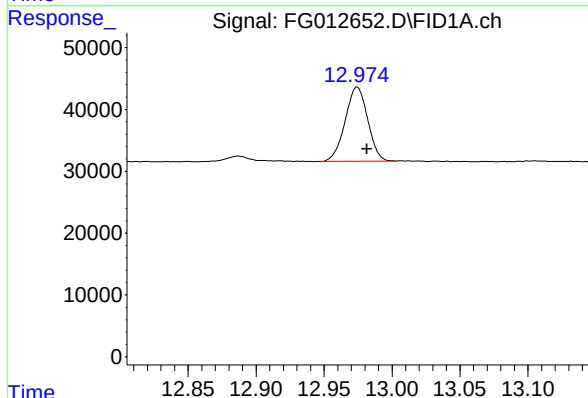
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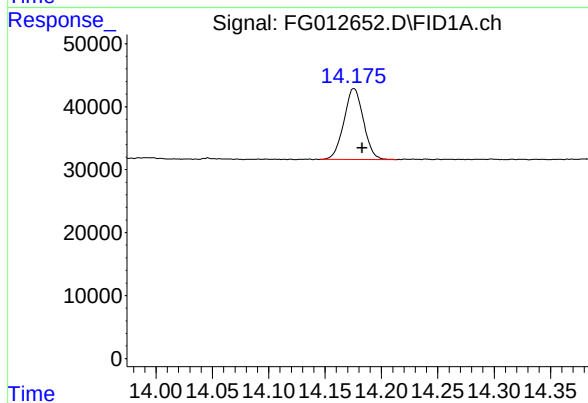
#6 N-OCTADECANE

R.T.: 11.661 min  
Delta R.T.: -0.008 min  
Response: 141036  
Conc: 1.08 ug/ml



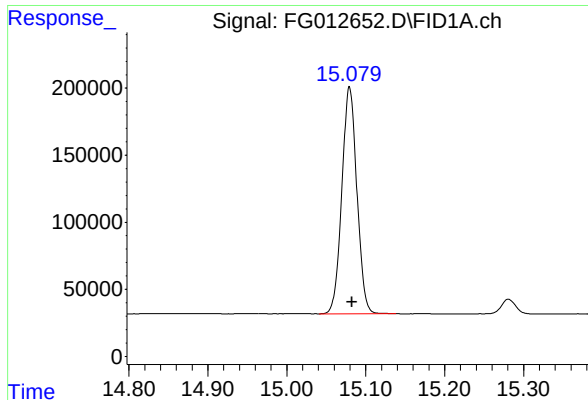
#7 N-EICOSANE

R.T.: 12.974 min  
Delta R.T.: -0.007 min  
Response: 138520  
Conc: 1.08 ug/ml



#8 N-DOCOSANE

R.T.: 14.176 min  
Delta R.T.: -0.007 min  
Response: 135525  
Conc: 1.07 ug/ml



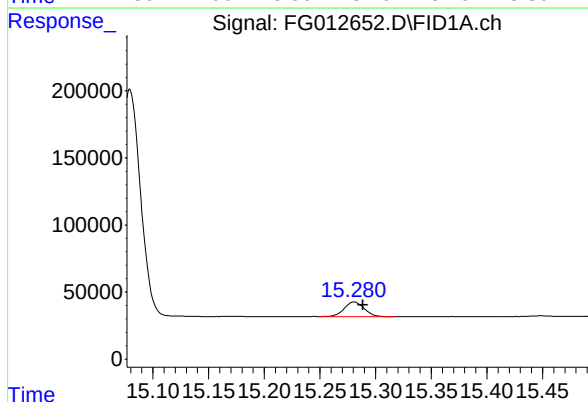
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.079 min  
Delta R.T.: -0.003 min  
Response: 2243091  
Conc: 20.05 ug/ml

Instrument : FID\_G  
ClientSampleId : MDL-SOIL-06-QT3-2023

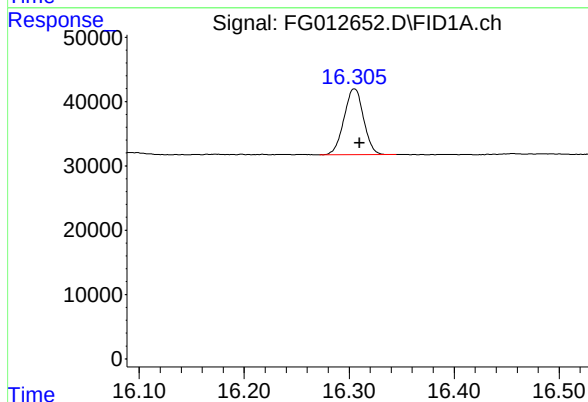
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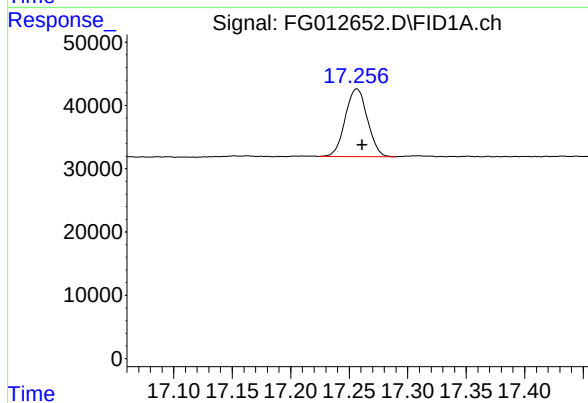
#10 N-TETRACOSANE

R.T.: 15.281 min  
Delta R.T.: -0.008 min  
Response: 135277  
Conc: 1.07 ug/ml



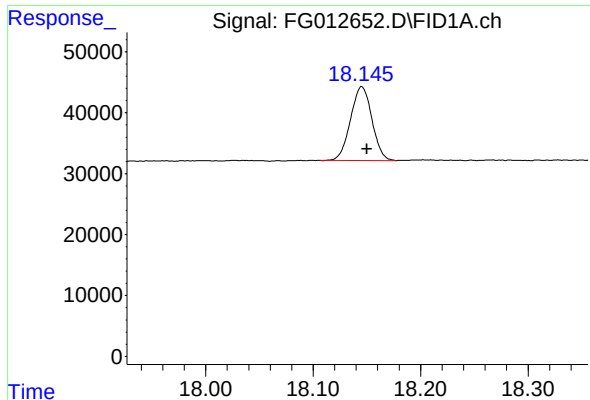
#11 N-HEXACOSANE

R.T.: 16.305 min  
Delta R.T.: -0.005 min  
Response: 132628  
Conc: 1.06 ug/ml



#12 N-OCTACOSANE

R.T.: 17.256 min  
Delta R.T.: -0.005 min  
Response: 141375  
Conc: 1.15 ug/ml



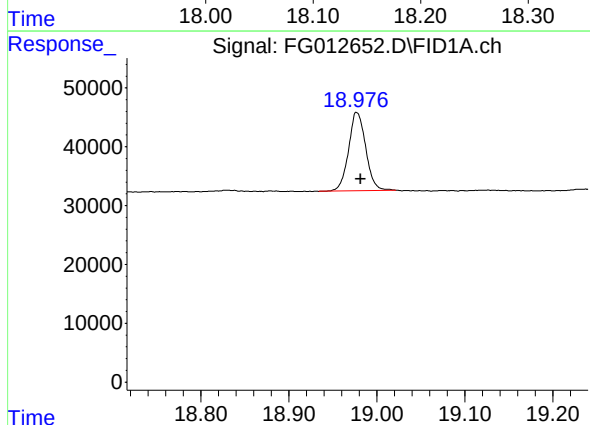
#13 N-TRIACONTANE

R.T.: 18.145 min  
Delta R.T.: -0.005 min  
Response: 168305  
Conc: 1.42 ug/ml

Instrument :  
FID\_G  
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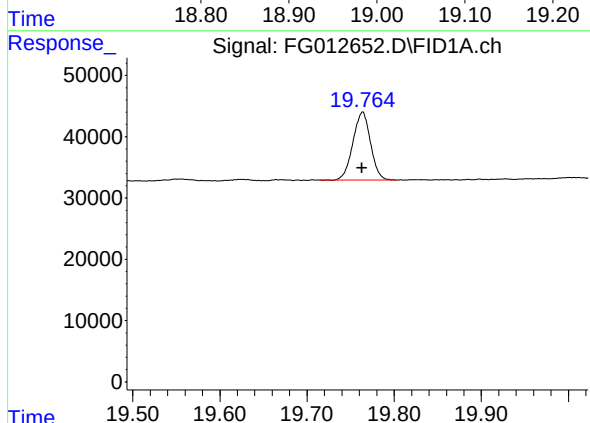
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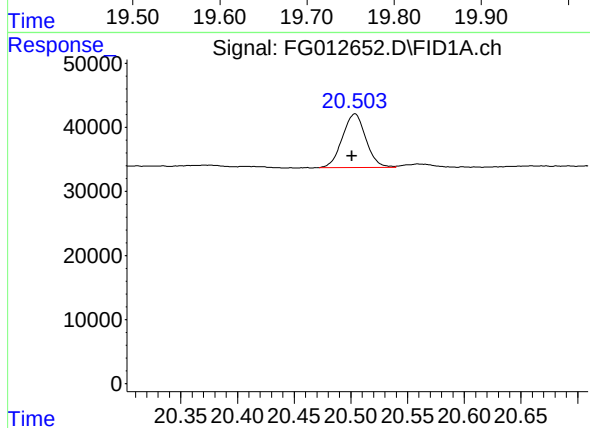
#14 N-DOTRIACONTANE

R.T.: 18.977 min  
Delta R.T.: -0.004 min  
Response: 180028  
Conc: 1.60 ug/ml



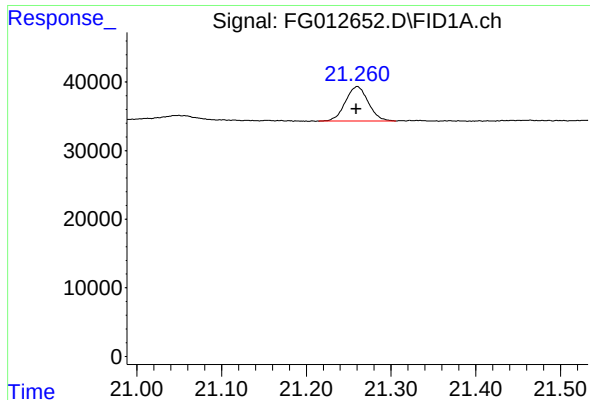
#15 N-TETRATRIACONTANE

R.T.: 19.764 min  
Delta R.T.: 0.000 min  
Response: 155969  
Conc: 1.65 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.503 min  
Delta R.T.: 0.002 min  
Response: 121602  
Conc: 1.50 ug/ml m



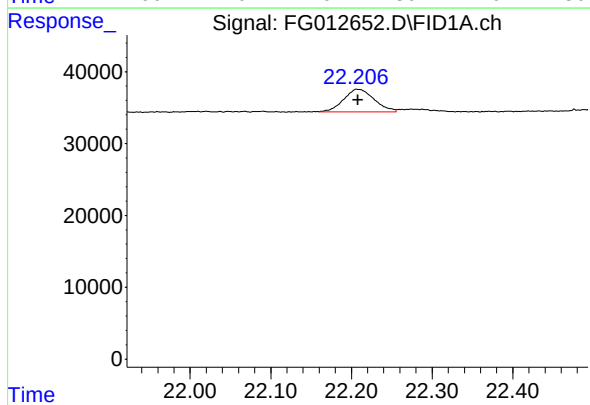
#17 N-OCTATRIACONTANE

R.T.: 21.260 min  
Delta R.T.: 0.001 min  
Response: 93919  
Conc: 1.30 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.206 min  
Delta R.T.: -0.003 min  
Response: 82418  
Conc: 1.18 ug/ml m