

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG100423\  
 Data File : FG012965.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Oct 2023 15:29  
 Operator : YP\AJ  
 Sample : 04699-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 LOD-MDL-WATER-04-QT4-2023

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/05/2023  
 Supervised By :Ankita Jodhani 10/05/2023

Integration File: autoint1.e  
 Quant Time: Oct 05 00:12:46 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG092123.M  
 Quant Title :  
 QLast Update : Fri Sep 22 02:14:31 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... | 15.078 | 2419189  | 21.347 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.077  | 290490   | 2.598 ug/ml  |
| 2) N-DECANE                   | 4.595  | 333258   | 2.896 ug/ml  |
| 3) N-DODECANE                 | 6.768  | 341204   | 2.906 ug/ml  |
| 4) N-TETRADECANE              | 8.600  | 342493   | 2.900 ug/ml  |
| 5) N-HEXADECANE               | 10.212 | 354502   | 2.930 ug/ml  |
| 6) N-OCTADECANE               | 11.659 | 360542   | 2.955 ug/ml  |
| 7) N-EICOSANE                 | 12.972 | 360404   | 2.944 ug/ml  |
| 8) N-DOCOSANE                 | 14.173 | 354103   | 2.971 ug/ml  |
| 10) N-TETRACOSANE             | 15.280 | 353512   | 2.950 ug/ml  |
| 11) N-HEXACOSANE              | 16.302 | 351799   | 2.971 ug/ml  |
| 12) N-OCTACOSANE              | 17.254 | 355644   | 3.038 ug/ml  |
| 13) N-TRIACONTANE             | 18.141 | 382436   | 3.313 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.976 | 414799   | 3.730 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.761 | 404351   | 4.282 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.500 | 328643   | 4.448 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.254 | 256953   | 3.878 ug/ml  |
| 18) N-TETRACONTANE            | 22.200 | 237691   | 3.769 ug/ml  |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

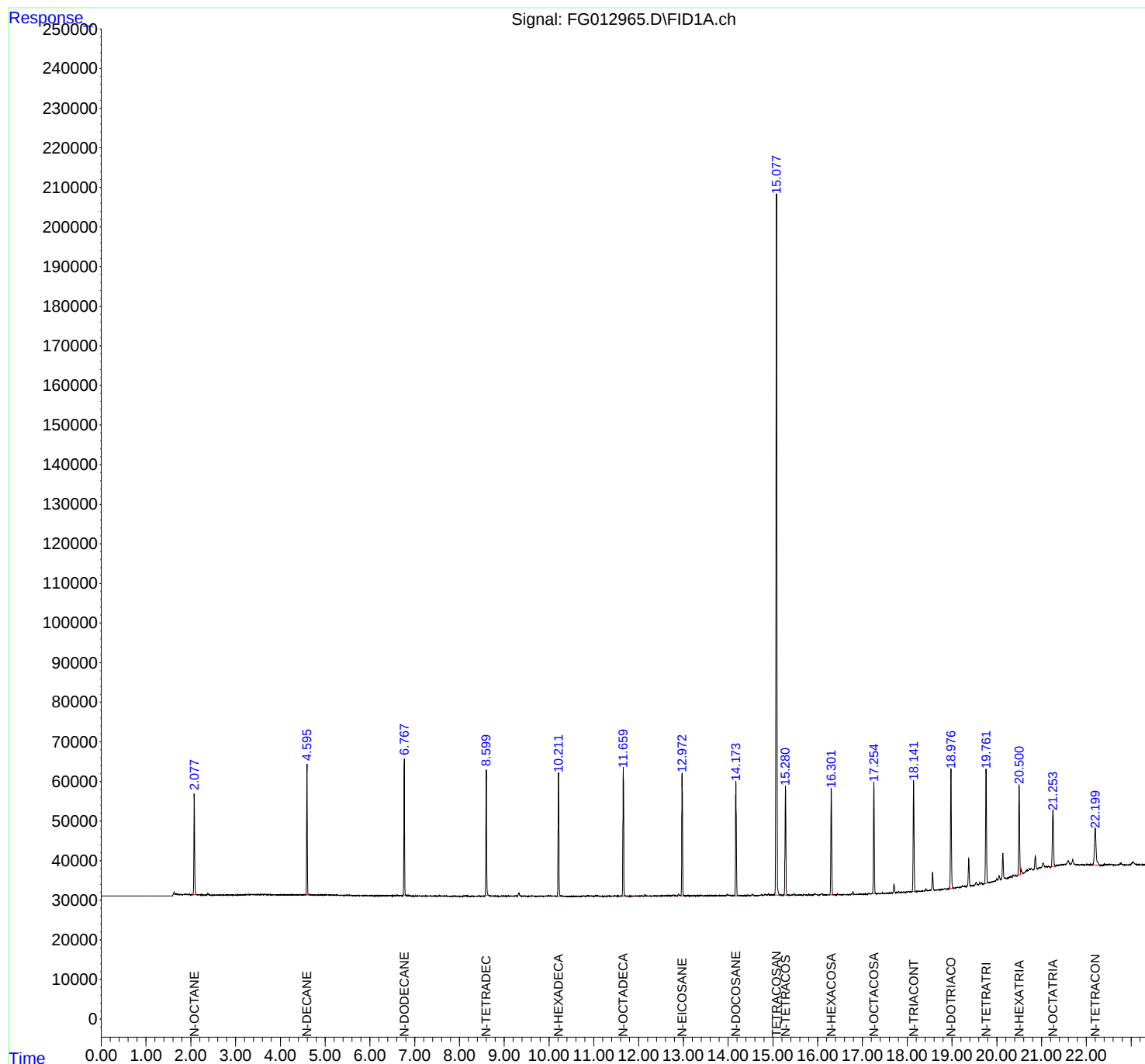
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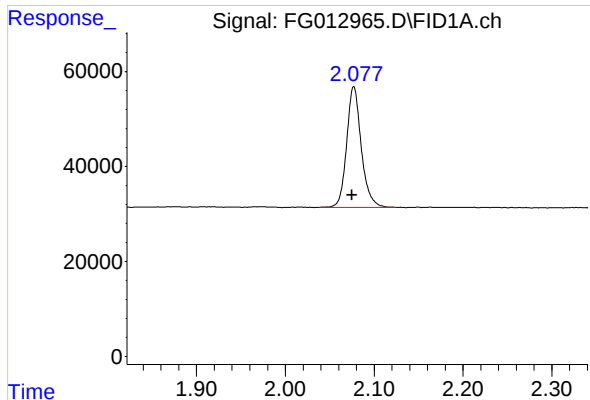
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.077 min  
Delta R.T.: 0.002 min  
Response: 290490  
Conc: 2.60 ug/ml

Instrument :

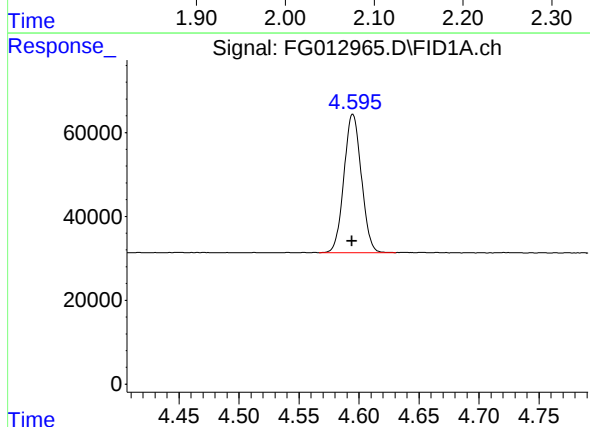
FID\_G

ClientSampleId :

LOD-MDL-WATER-04-QT4-2023

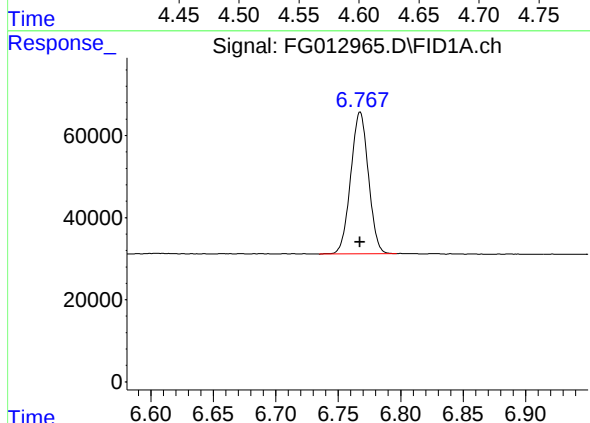
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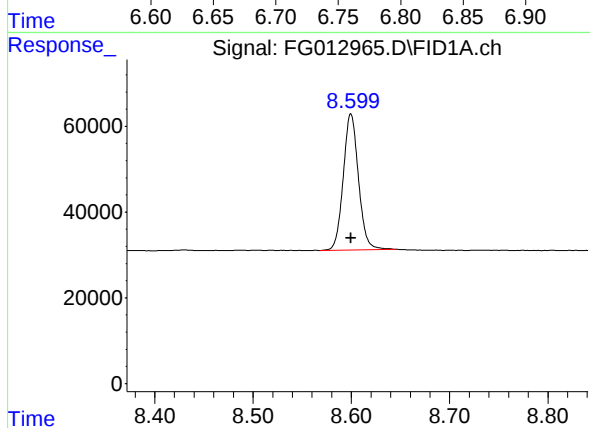
#2 N-DECANE

R.T.: 4.595 min  
Delta R.T.: 0.000 min  
Response: 333258  
Conc: 2.90 ug/ml



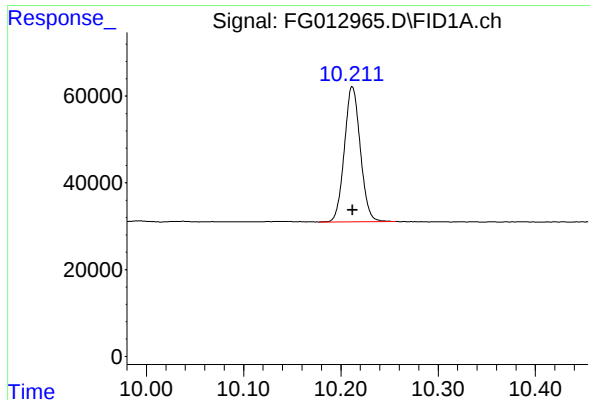
#3 N-DODECANE

R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 341204  
Conc: 2.91 ug/ml



#4 N-TETRADECANE

R.T.: 8.600 min  
Delta R.T.: 0.000 min  
Response: 342493  
Conc: 2.90 ug/ml



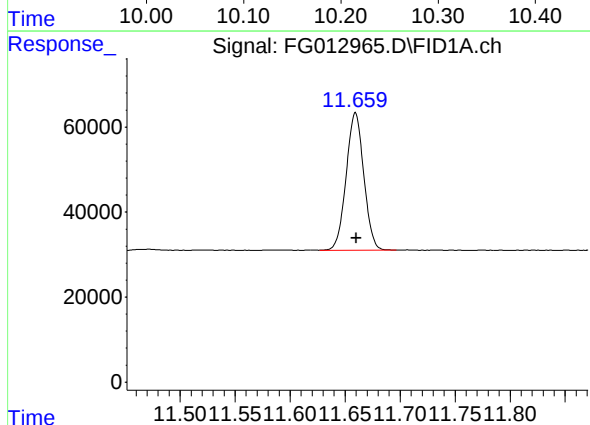
#5 N-HEXADECANE

R.T.: 10.212 min  
Delta R.T.: 0.000 min  
Response: 354502  
Conc: 2.93 ug/ml

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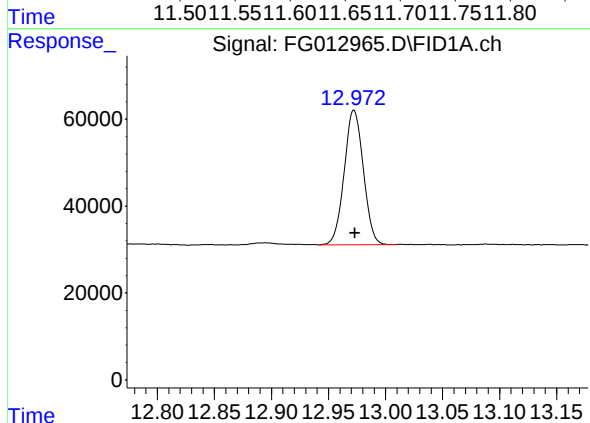
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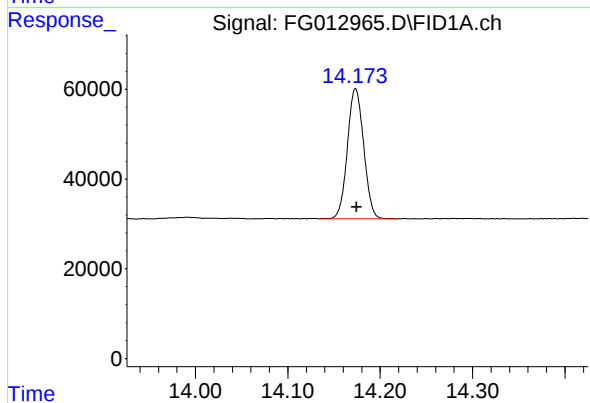
#6 N-OCTADECANE

R.T.: 11.659 min  
Delta R.T.: 0.000 min  
Response: 360542  
Conc: 2.95 ug/ml



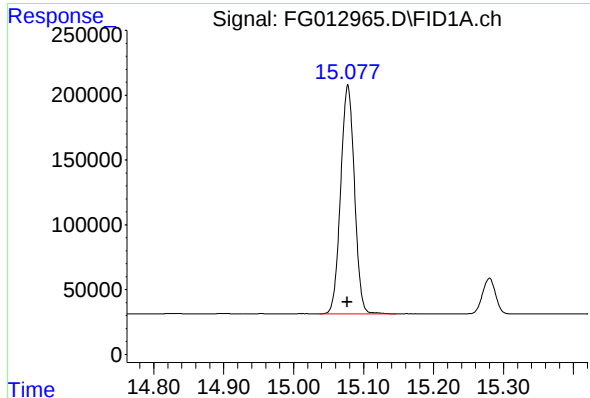
#7 N-EICOSANE

R.T.: 12.972 min  
Delta R.T.: 0.000 min  
Response: 360404  
Conc: 2.94 ug/ml



#8 N-DOCOSANE

R.T.: 14.173 min  
Delta R.T.: -0.001 min  
Response: 354103  
Conc: 2.97 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.078 min  
Delta R.T.: 0.001 min  
Response: 2419189  
Conc: 21.35 ug/ml

Instrument :

FID\_G

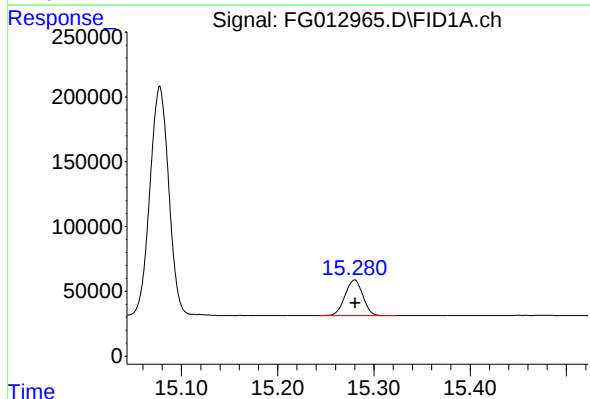
ClientSampleId :

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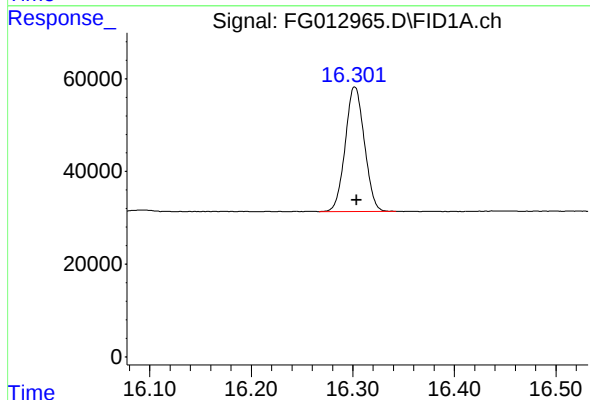
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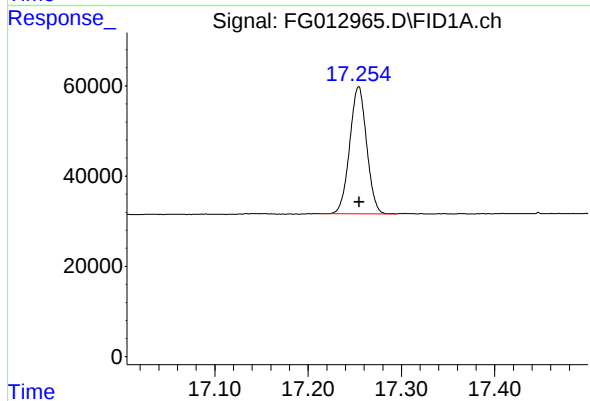
#10 N-TETRACOSANE

R.T.: 15.280 min  
Delta R.T.: 0.000 min  
Response: 353512  
Conc: 2.95 ug/ml



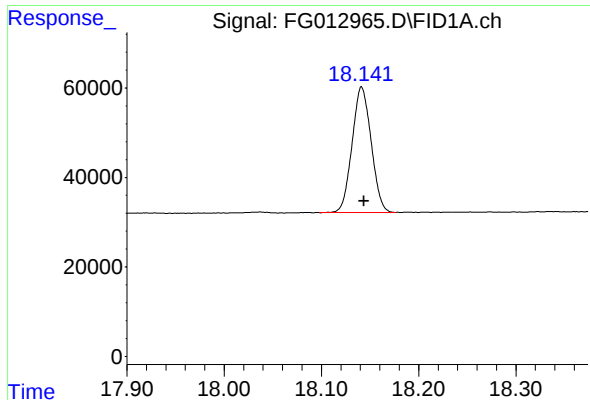
#11 N-HEXACOSANE

R.T.: 16.302 min  
Delta R.T.: -0.002 min  
Response: 351799  
Conc: 2.97 ug/ml



#12 N-OCTACOSANE

R.T.: 17.254 min  
Delta R.T.: 0.000 min  
Response: 355644  
Conc: 3.04 ug/ml



#13 N-TRIACONTANE

R.T.: 18.141 min  
Delta R.T.: -0.002 min  
Response: 382436  
Conc: 3.31 ug/ml

Instrument :

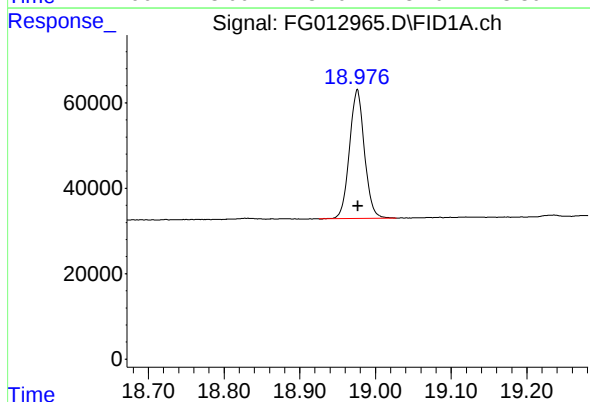
FID\_G

ClientSampleId :

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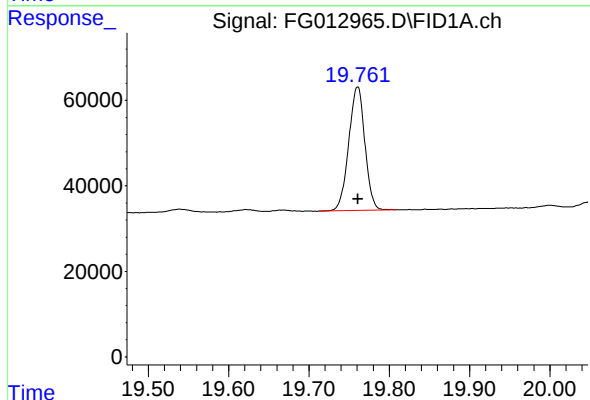
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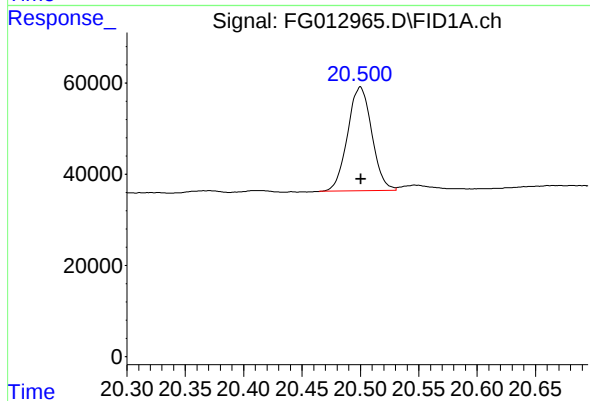
#14 N-DOTRIACONTANE

R.T.: 18.976 min  
Delta R.T.: -0.001 min  
Response: 414799  
Conc: 3.73 ug/ml



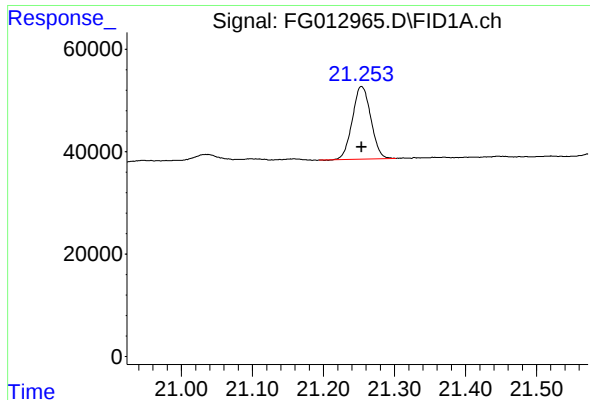
#15 N-TETRATRIACONTANE

R.T.: 19.761 min  
Delta R.T.: 0.000 min  
Response: 404351  
Conc: 4.28 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.500 min  
Delta R.T.: 0.000 min  
Response: 328643  
Conc: 4.45 ug/ml m



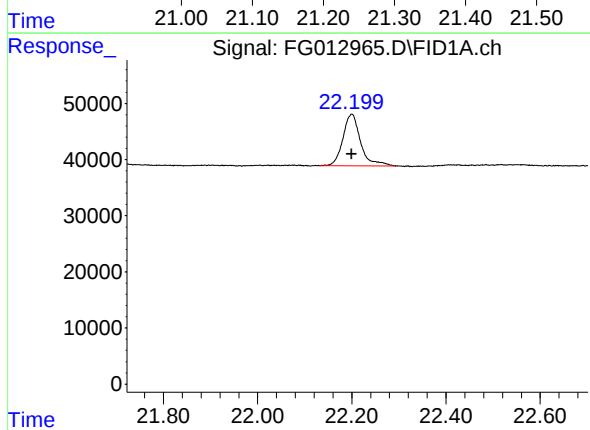
#17 N-OCTATRIACONTANE

R.T.: 21.254 min  
Delta R.T.: 0.000 min  
Response: 256953  
Conc: 3.88 ug/ml

Instrument :  
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#18 N-TETRACONTANE

R.T.: 22.200 min  
Delta R.T.: 0.000 min  
Response: 237691  
Conc: 3.77 ug/ml