

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG012325\  
 Data File : FG015138.D  
 Signal(s) : FID1A.ch  
 Acq On : 23 Jan 2025 17:35  
 Operator : YP\AJ  
 Sample : Q1168-04  
 Misc : 1 PPM SOIL LOD  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-04-QT1-2025

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/24/2025  
 Supervised By :Ankita Jodhani 01/27/2025

Integration File: autoint1.e  
 Quant Time: Jan 24 04:05:55 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG011325.M  
 Quant Title :  
 QLast Update : Mon Jan 13 11:52:01 2025  
 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... | 15.047 | 2086220  | 16.264 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.010  | 107027   | 0.877 ug/mlm |
| 2) N-DECANE                   | 4.542  | 121246   | 0.939 ug/mlm |
| 3) N-DODECANE                 | 6.721  | 124050   | 0.911 ug/mlm |
| 4) N-TETRADECANE              | 8.558  | 128684   | 0.940 ug/mlm |
| 5) N-HEXADECANE               | 10.172 | 131265   | 0.930 ug/mlm |
| 6) N-OCTADECANE               | 11.623 | 135528   | 0.924 ug/mlm |
| 7) N-EICOSANE                 | 12.938 | 136858   | 0.941 ug/mlm |
| 8) N-DOCOSANE                 | 14.142 | 129098   | 0.900 ug/mlm |
| 10) N-TETRACOSANE             | 15.249 | 128952   | 0.903 ug/mlm |
| 11) N-HEXACOSANE              | 16.273 | 134960   | 0.958 ug/mlm |
| 12) N-OCTACOSANE              | 17.226 | 187646   | 1.340 ug/ml  |
| 13) N-TRIACONTANE             | 18.118 | 284920   | 2.003 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.951 | 322985   | 2.324 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.737 | 252153   | 2.012 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.477 | 179880   | 1.665 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.226 | 117456   | 1.191 ug/mlm |
| 18) N-TETRACONTANE            | 22.165 | 89149    | 0.960 ug/mlm |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 12 Sample Multiplier: 1

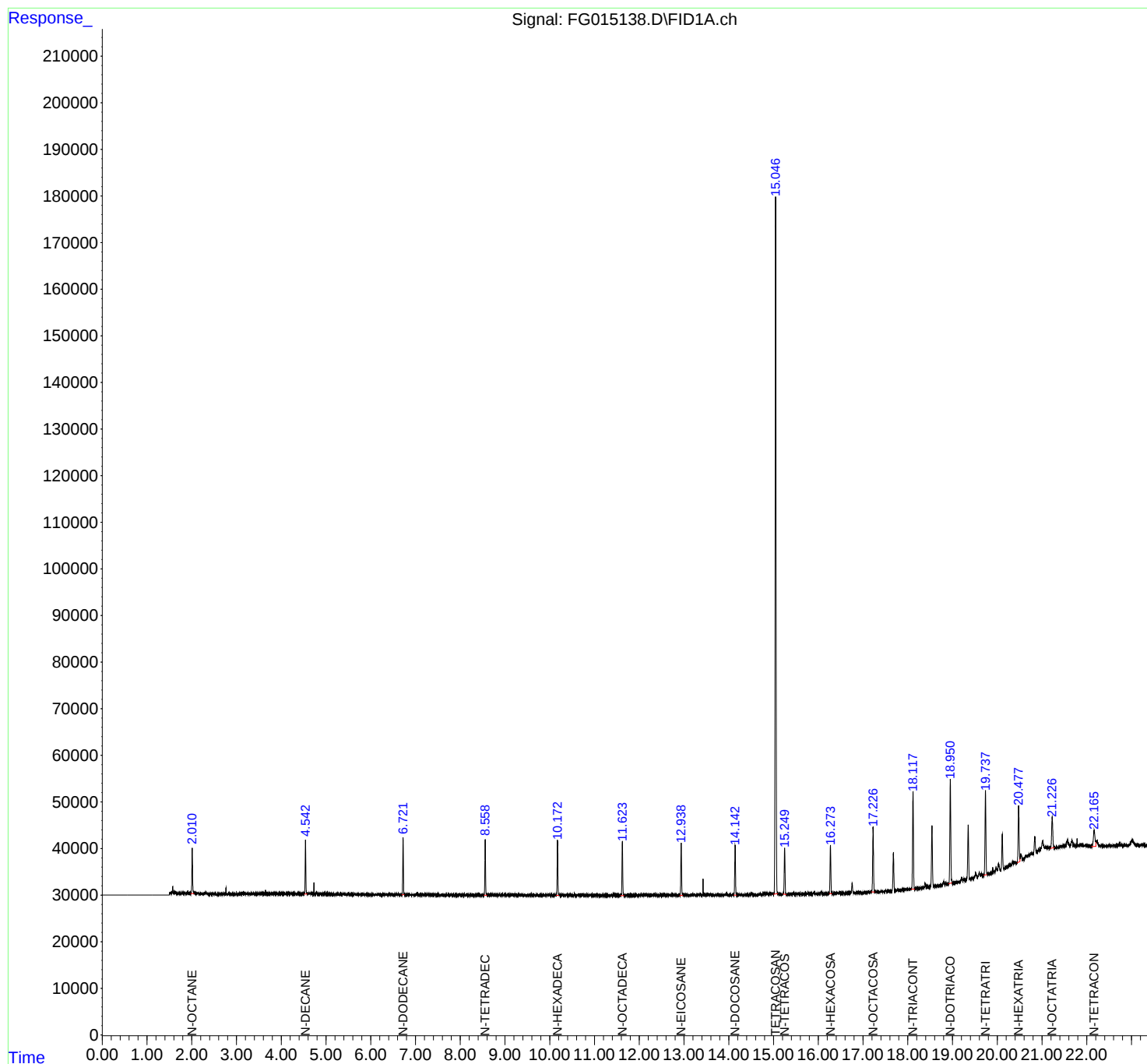
Instrument :  
FID\_G  
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LOD-MDL-SOIL-04-QT1-2025

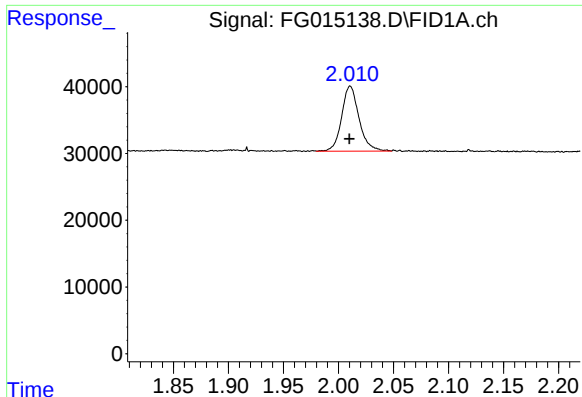
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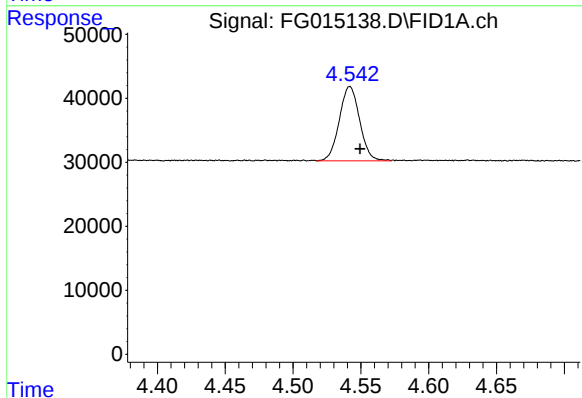
#1 N-OCTANE

R.T.: 2.010 min  
Delta R.T.: 0.000 min  
Response: 107027  
Conc: 0.88 ug/ml

Instrument :  
FID\_G  
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LOD-MDL-SOIL-04-QT1-2025

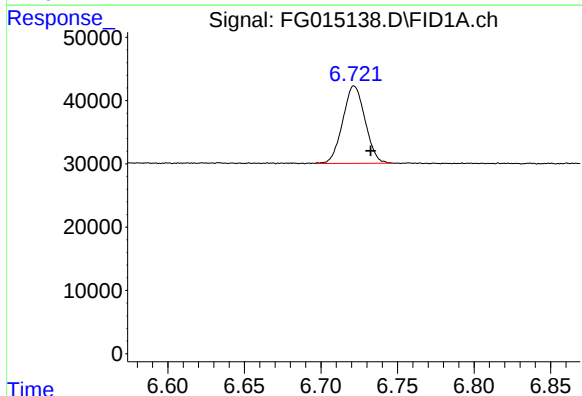
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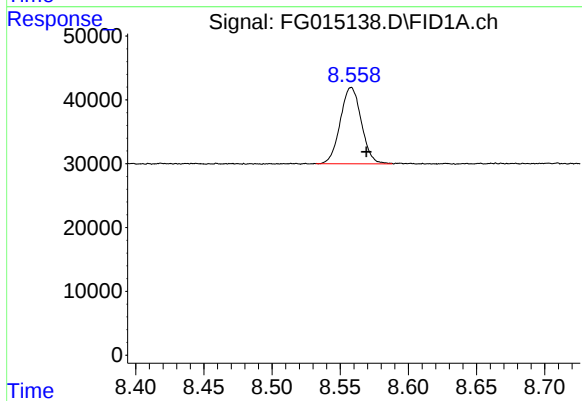
#2 N-DECANE

R.T.: 4.542 min  
Delta R.T.: -0.008 min  
Response: 121246  
Conc: 0.94 ug/ml m



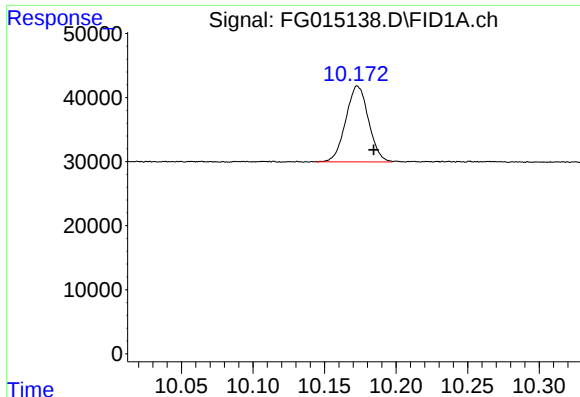
#3 N-DODECANE

R.T.: 6.721 min  
Delta R.T.: -0.012 min  
Response: 124050  
Conc: 0.91 ug/ml m



#4 N-TETRADECANE

R.T.: 8.558 min  
Delta R.T.: -0.011 min  
Response: 128684  
Conc: 0.94 ug/ml m



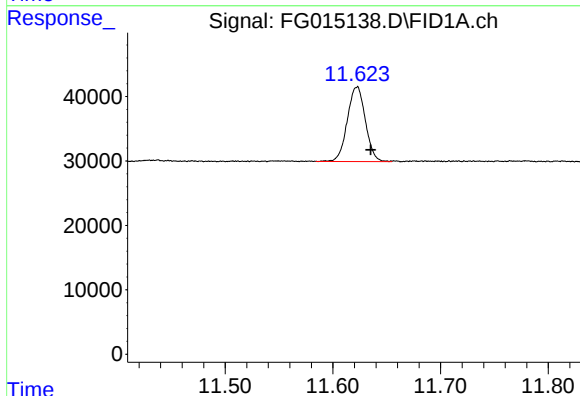
#5 N-HEXADECANE

R.T.: 10.172 min  
Delta R.T.: -0.012 min  
Response: 131265  
Conc: 0.93 ug/ml

Instrument :  
FID\_G  
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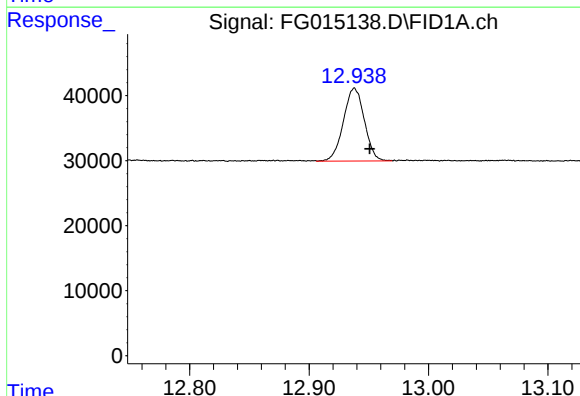
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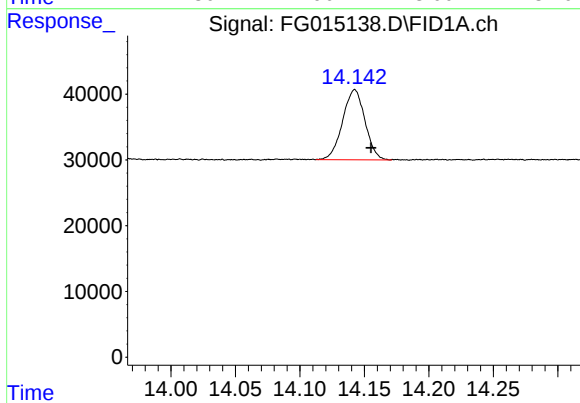
#6 N-OCTADECANE

R.T.: 11.623 min  
Delta R.T.: -0.012 min  
Response: 135528  
Conc: 0.92 ug/ml m



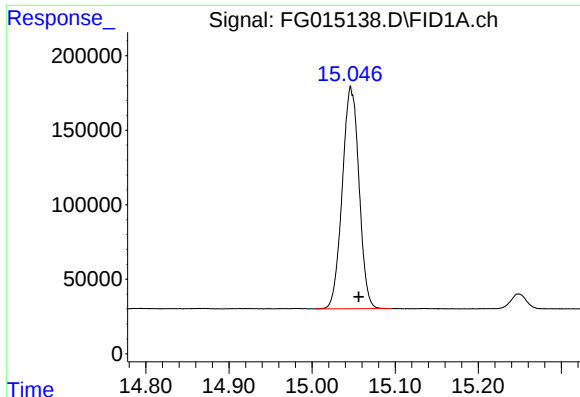
#7 N-EICOSANE

R.T.: 12.938 min  
Delta R.T.: -0.013 min  
Response: 136858  
Conc: 0.94 ug/ml m



#8 N-DOCOSANE

R.T.: 14.142 min  
Delta R.T.: -0.013 min  
Response: 129098  
Conc: 0.90 ug/ml m



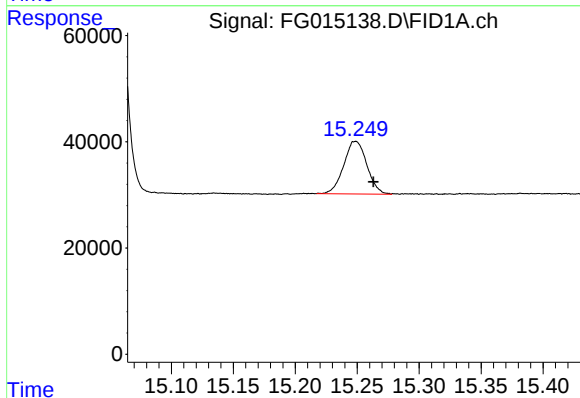
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.047 min  
Delta R.T.: -0.010 min  
Response: 2086220  
Conc: 16.26 ug/ml

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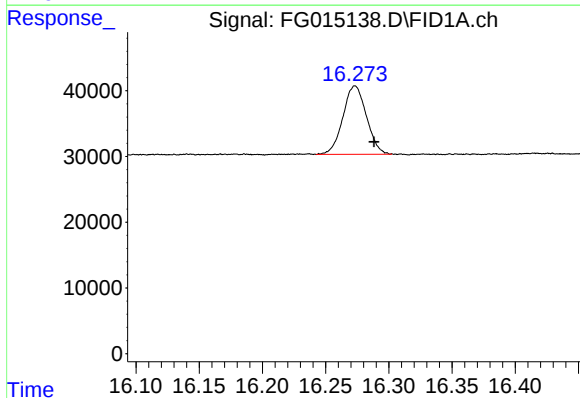
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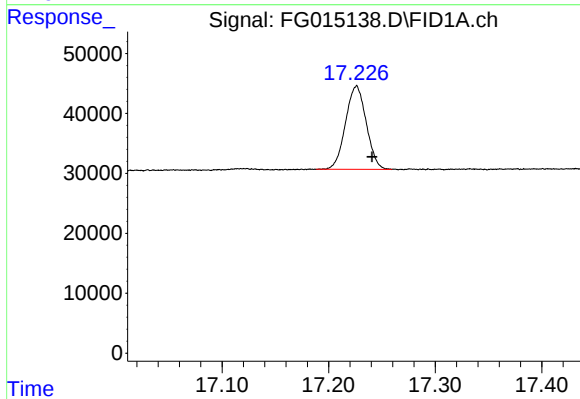
#10 N-TETRACOSANE

R.T.: 15.249 min  
Delta R.T.: -0.014 min  
Response: 128952  
Conc: 0.90 ug/ml m



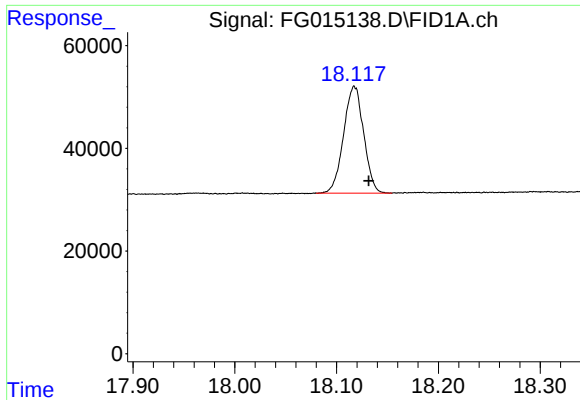
#11 N-HEXACOSANE

R.T.: 16.273 min  
Delta R.T.: -0.015 min  
Response: 134960  
Conc: 0.96 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.226 min  
Delta R.T.: -0.014 min  
Response: 187646  
Conc: 1.34 ug/ml



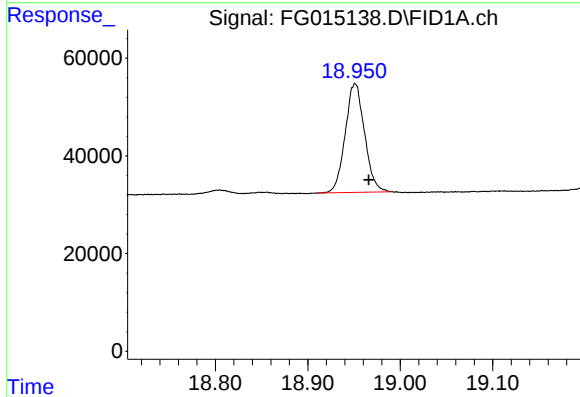
#13 N-TRIACONTANE

R.T.: 18.118 min  
Delta R.T.: -0.014 min  
Response: 284920  
Conc: 2.00 ug/ml

Instrument :  
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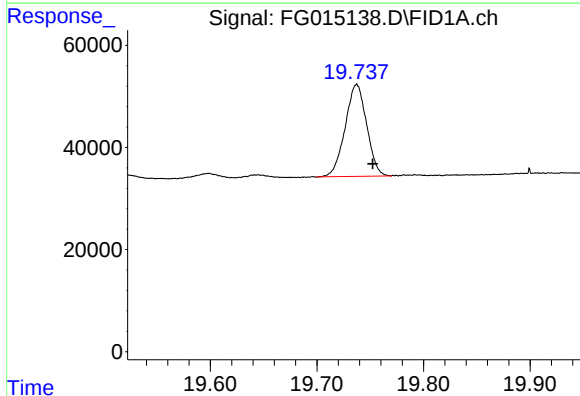
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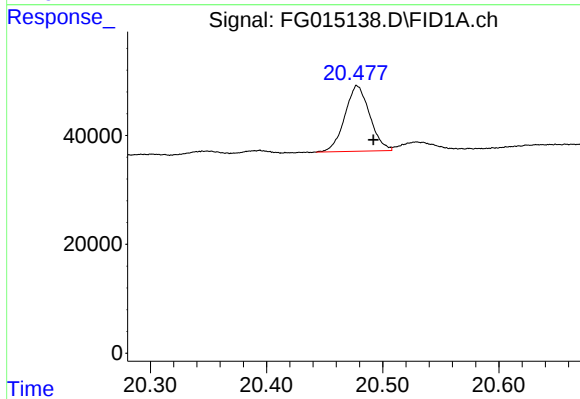
#14 N-DOTRIACONTANE

R.T.: 18.951 min  
Delta R.T.: -0.015 min  
Response: 322985  
Conc: 2.32 ug/ml



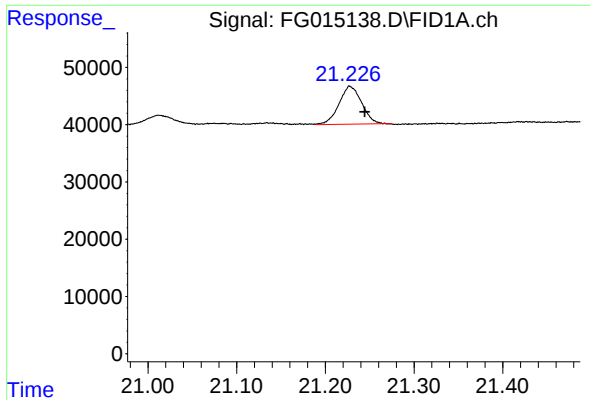
#15 N-TETRATRIACONTANE

R.T.: 19.737 min  
Delta R.T.: -0.015 min  
Response: 252153  
Conc: 2.01 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.477 min  
Delta R.T.: -0.015 min  
Response: 179880  
Conc: 1.66 ug/ml m



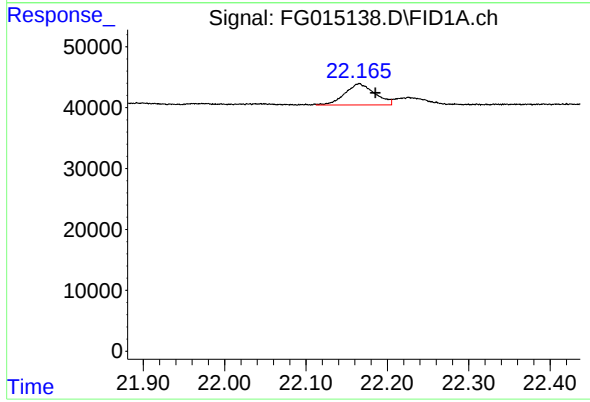
#17 N-OCTATRIACONTANE

R.T.: 21.226 min  
Delta R.T.: -0.018 min  
Response: 117456  
Conc: 1.19 ug/ml

Instrument :  
FID\_G  
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#18 N-TETRACONTANE

R.T.: 22.165 min  
Delta R.T.: -0.020 min  
Response: 89149  
Conc: 0.96 ug/ml m