

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF012325\  
 Data File : FF015299.D  
 Signal(s) : FID2B.ch  
 Acq On : 24 Jan 2025 02:35  
 Operator : YP\AJ  
 Sample : Q1168-10  
 Misc : 1 PPM WATER LOD  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 LOD-MDL-WATER-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 05:07:19 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF011425.M  
 Quant Title :  
 QLast Update : Tue Jan 14 11:12:55 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... | 15.020 | 1963717  | 14.996 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.038  | 120529   | 0.905 ug/ml  |
| 2) N-DECANE                   | 4.568  | 130161   | 0.977 ug/ml  |
| 3) N-DODECANE                 | 6.733  | 122073   | 0.892 ug/ml  |
| 4) N-TETRADECANE              | 8.561  | 113296   | 0.868 ug/ml  |
| 5) N-HEXADECANE               | 10.169 | 109363   | 0.815 ug/ml  |
| 6) N-OCTADECANE               | 11.610 | 110717   | 0.754 ug/ml  |
| 7) N-EICOSANE                 | 12.919 | 116353   | 0.796 ug/ml  |
| 8) N-DOCOSANE                 | 14.119 | 116576   | 0.805 ug/ml  |
| 10) N-TETRACOSANE             | 15.223 | 121792   | 0.841 ug/ml  |
| 11) N-HEXACOSANE              | 16.246 | 114056   | 0.809 ug/ml  |
| 12) N-OCTACOSANE              | 17.197 | 116995   | 0.854 ug/ml  |
| 13) N-TRIACONTANE             | 18.086 | 122644   | 0.922 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.920 | 128076   | 1.008 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.706 | 105178   | 0.949 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.448 | 82409    | 0.912 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.188 | 71213    | 0.881 ug/ml  |
| 18) N-TETRACONTANE            | 22.104 | 50814    | 0.670 ug/mlm |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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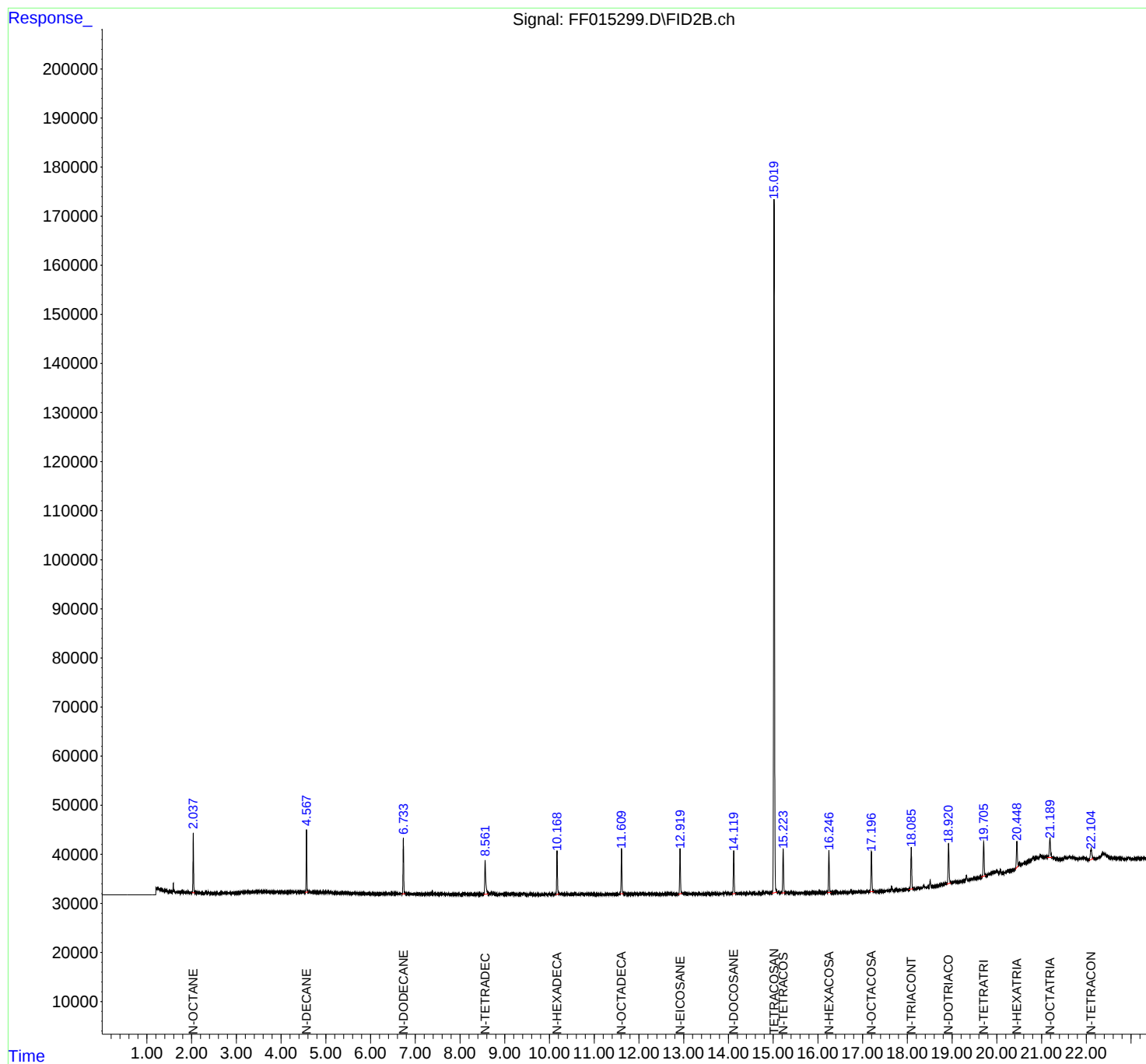
Instrument :  
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LOD-MDL-WATER-04-QT1-2025

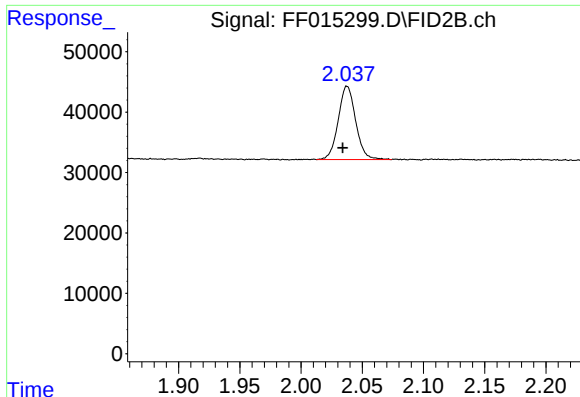
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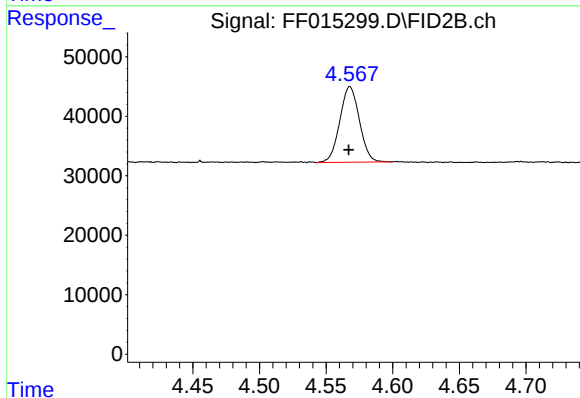
#1 N-OCTANE

R.T.: 2.038 min  
Delta R.T.: 0.004 min  
Response: 120529  
Conc: 0.91 ug/ml

Instrument :  
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LOD-MDL-WATER-04-QT1-2025

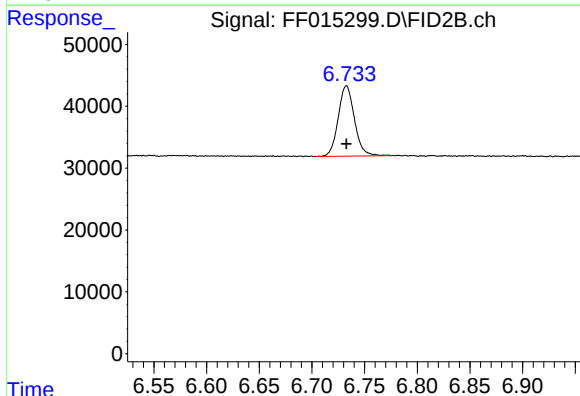
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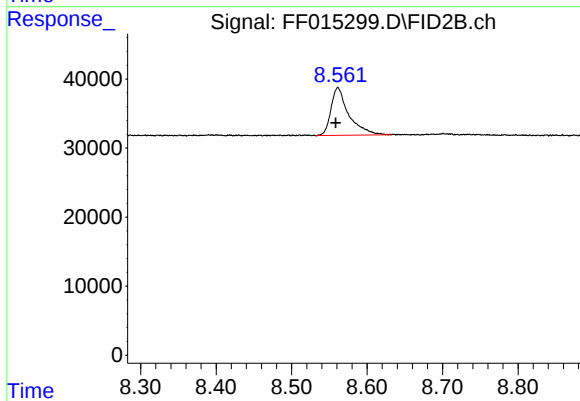
#2 N-DECANE

R.T.: 4.568 min  
Delta R.T.: 0.001 min  
Response: 130161  
Conc: 0.98 ug/ml



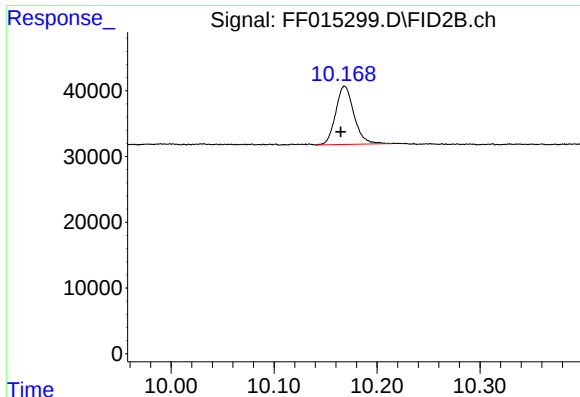
#3 N-DODECANE

R.T.: 6.733 min  
Delta R.T.: 0.000 min  
Response: 122073  
Conc: 0.89 ug/ml



#4 N-TETRADECANE

R.T.: 8.561 min  
Delta R.T.: 0.003 min  
Response: 113296  
Conc: 0.87 ug/ml



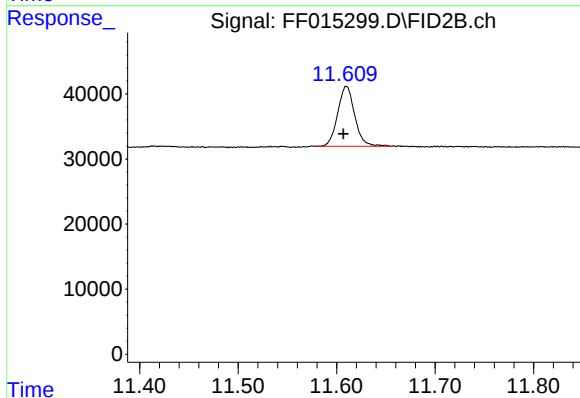
#5 N-HEXADECANE

R.T.: 10.169 min  
Delta R.T.: 0.004 min  
Response: 109363  
Conc: 0.81 ug/ml

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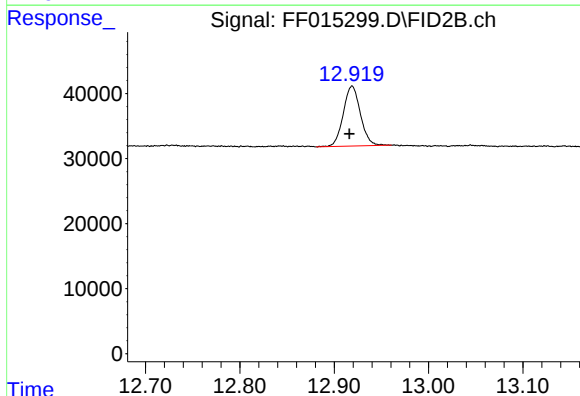
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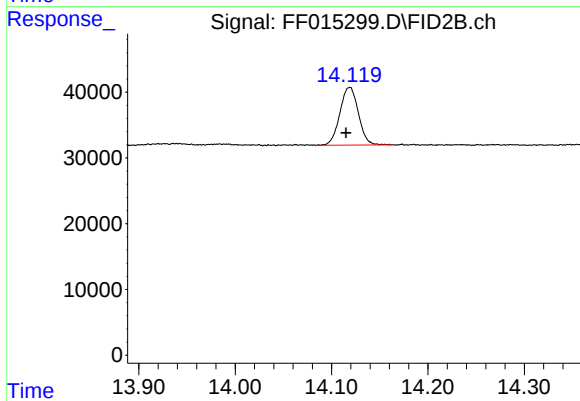
#6 N-OCTADECANE

R.T.: 11.610 min  
Delta R.T.: 0.003 min  
Response: 110717  
Conc: 0.75 ug/ml



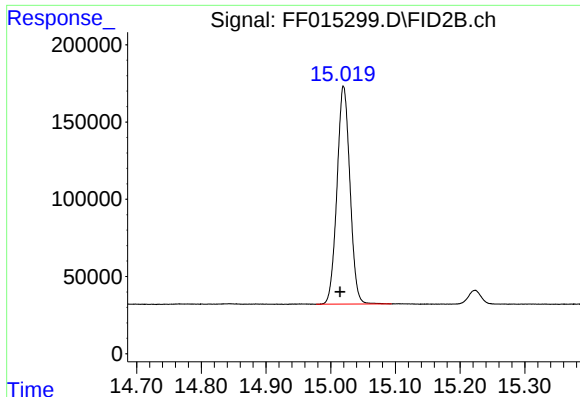
#7 N-EICOSANE

R.T.: 12.919 min  
Delta R.T.: 0.003 min  
Response: 116353  
Conc: 0.80 ug/ml



#8 N-DOCOSANE

R.T.: 14.119 min  
Delta R.T.: 0.004 min  
Response: 116576  
Conc: 0.81 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.020 min  
Delta R.T.: 0.005 min  
Response: 1963717  
Conc: 15.00 ug/ml

Instrument :

FID\_F

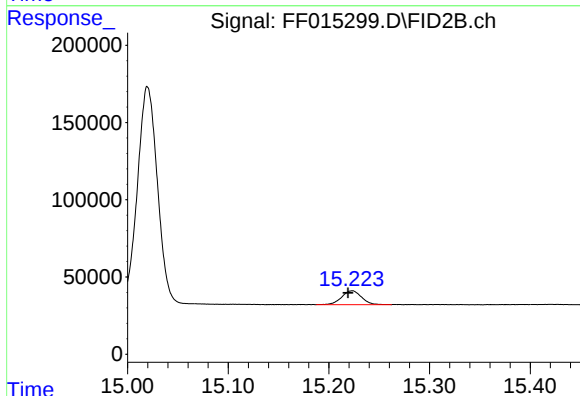
ClientSampleId :

LOD-MDL-WATER-04-QT1-2025

Manual Integrations

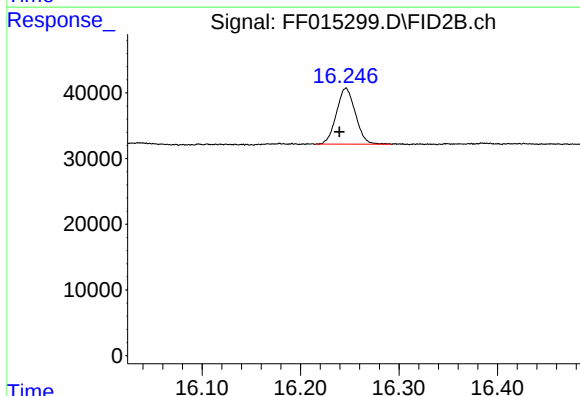
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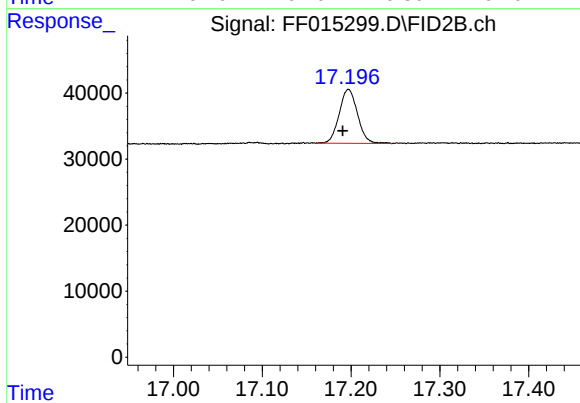
#10 N-TETRACOSANE

R.T.: 15.223 min  
Delta R.T.: 0.004 min  
Response: 121792  
Conc: 0.84 ug/ml



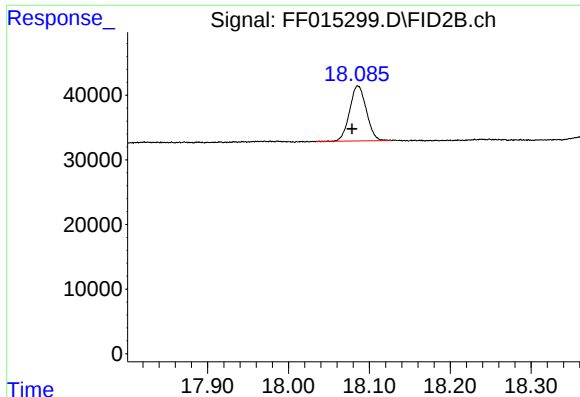
#11 N-HEXACOSANE

R.T.: 16.246 min  
Delta R.T.: 0.006 min  
Response: 114056  
Conc: 0.81 ug/ml



#12 N-OCTACOSANE

R.T.: 17.197 min  
Delta R.T.: 0.006 min  
Response: 116995  
Conc: 0.85 ug/ml



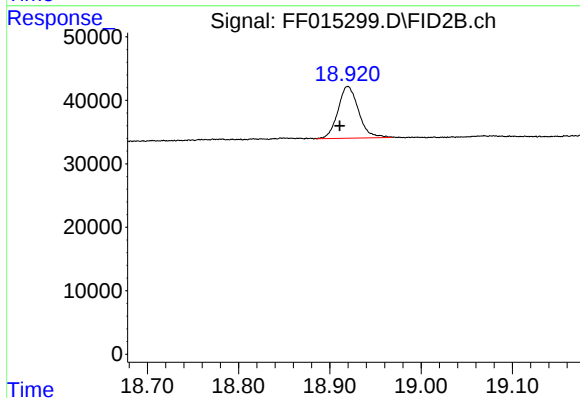
#13 N-TRIACONTANE

R.T.: 18.086 min  
Delta R.T.: 0.007 min  
Response: 122644  
Conc: 0.92 ug/ml

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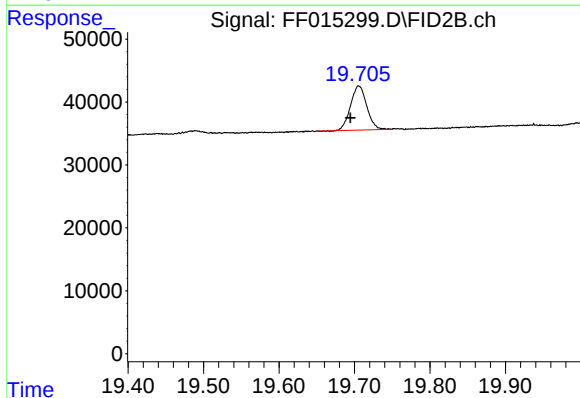
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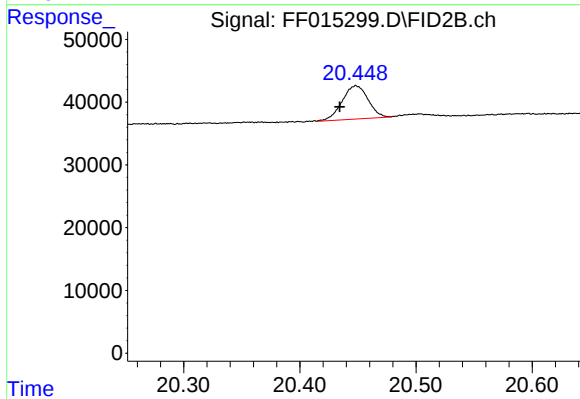
#14 N-DOTRIACONTANE

R.T.: 18.920 min  
Delta R.T.: 0.009 min  
Response: 128076  
Conc: 1.01 ug/ml m



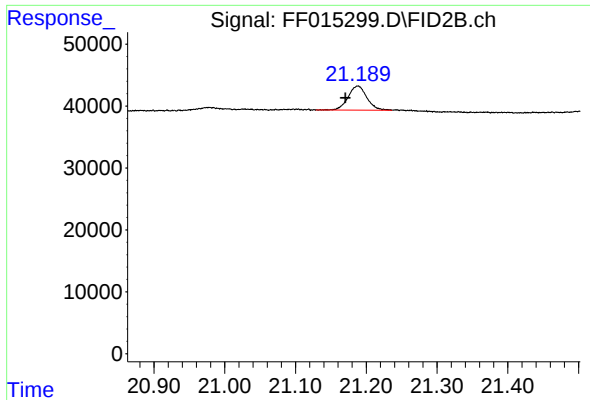
#15 N-TETRATRIACONTANE

R.T.: 19.706 min  
Delta R.T.: 0.011 min  
Response: 105178  
Conc: 0.95 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.448 min  
Delta R.T.: 0.014 min  
Response: 82409  
Conc: 0.91 ug/ml m



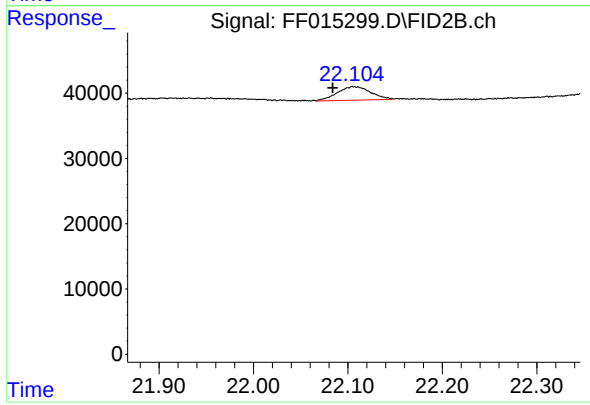
#17 N-OCTATRIACONTANE

R.T.: 21.188 min  
Delta R.T.: 0.018 min  
Response: 71213  
Conc: 0.88 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.104 min  
Delta R.T.: 0.020 min  
Response: 50814  
Conc: 0.67 ug/ml m