

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF082525\  
 Data File : FF016214.D  
 Signal(s) : FID2B.ch  
 Acq On : 26 Aug 2025 00:00  
 Operator : YP\AJ  
 Sample : Q2893-10  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 LOD-MDL-WATER-04-QT3-2025

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/26/2025  
 Supervised By :mohammad ahmed 08/27/2025

Integration File: autoint1.e  
 Quant Time: Aug 26 04:27:58 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF080625.M  
 Quant Title :  
 QLast Update : Wed Aug 06 13:50:48 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... | 15.079 | 2216382  | 19.856 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.061  | 122815   | 1.080 ug/ml  |
| 2) N-DECANE                   | 4.598  | 131751   | 1.132 ug/ml  |
| 3) N-DODECANE                 | 6.775  | 129608   | 1.097 ug/ml  |
| 4) N-TETRADECANE              | 8.609  | 139550   | 1.154 ug/ml  |
| 5) N-HEXADECANE               | 10.219 | 140637   | 1.157 ug/ml  |
| 6) N-OCTADECANE               | 11.664 | 150453   | 1.202 ug/ml  |
| 7) N-EICOSANE                 | 12.976 | 154399   | 1.193 ug/ml  |
| 8) N-DOCOSANE                 | 14.176 | 152742   | 1.208 ug/mlm |
| 10) N-TETRACOSANE             | 15.282 | 157601   | 1.244 ug/ml  |
| 11) N-HEXACOSANE              | 16.305 | 150004   | 1.212 ug/ml  |
| 12) N-OCTACOSANE              | 17.257 | 160346   | 1.281 ug/ml  |
| 13) N-TRIACONTANE             | 18.147 | 177007   | 1.386 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.982 | 181904   | 1.462 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.768 | 152266   | 1.360 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.510 | 119217   | 1.296 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.270 | 101065   | 1.323 ug/ml  |
| 18) N-TETRACONTANE            | 22.222 | 83060    | 1.264 ug/ml  |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 27 Sample Multiplier: 1

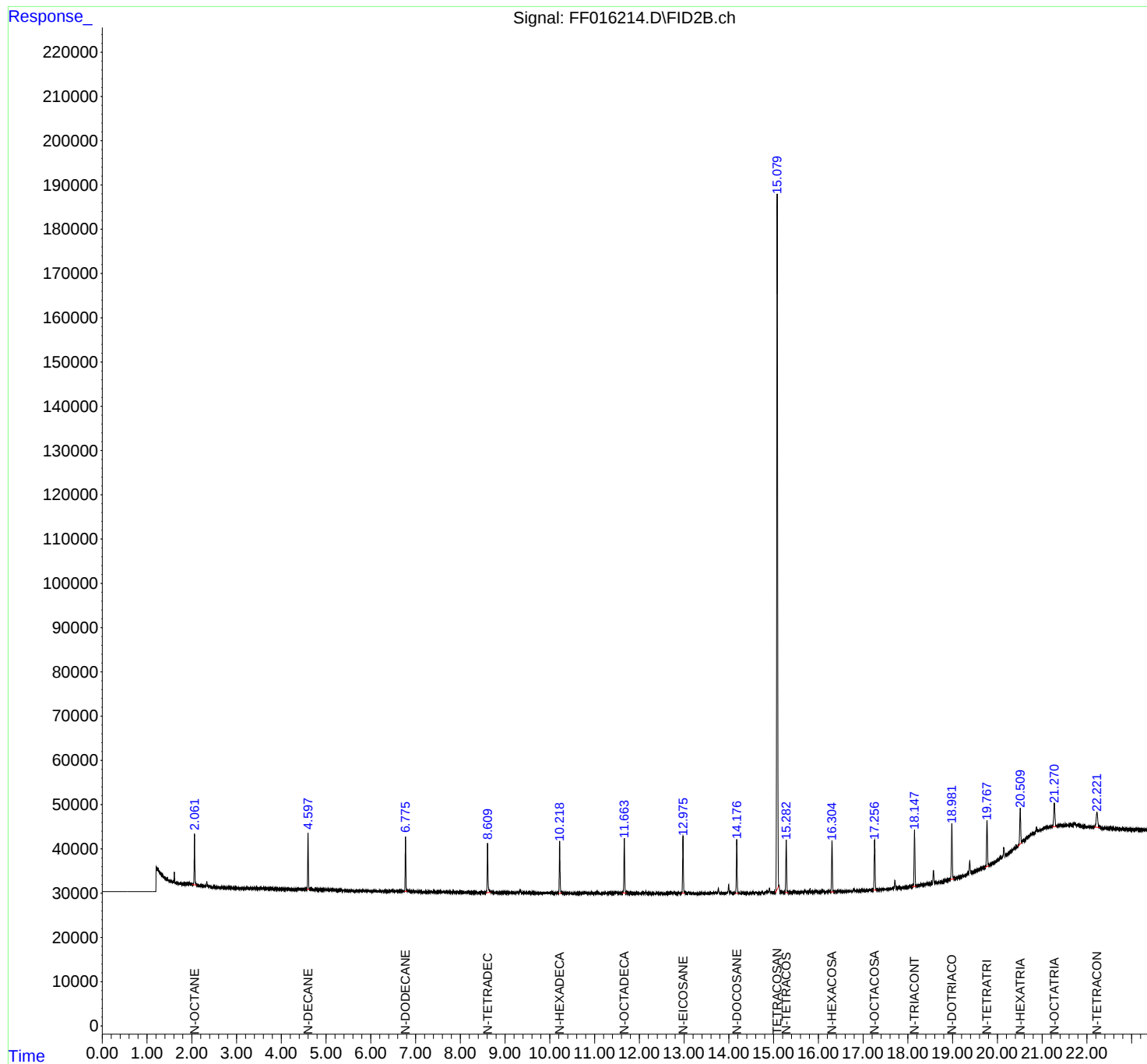
Instrument :  
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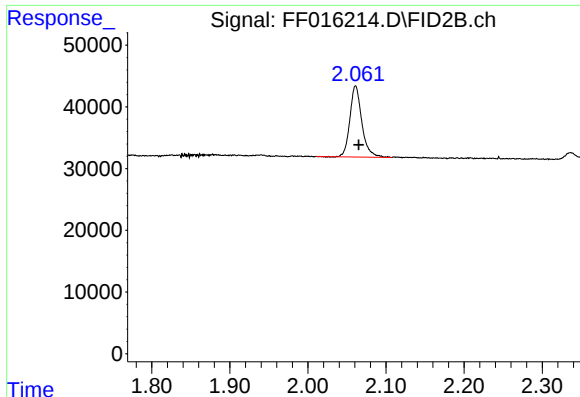
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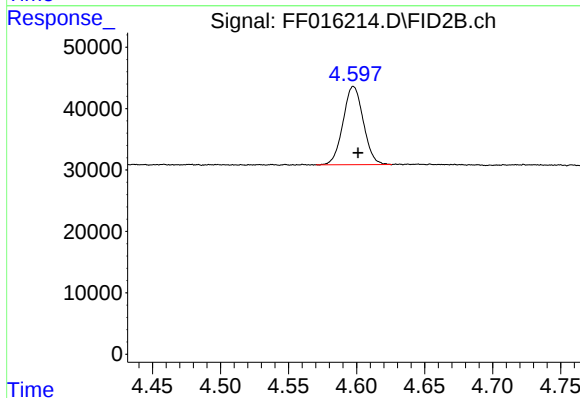
#1 N-OCTANE

R.T.: 2.061 min  
Delta R.T.: -0.004 min  
Response: 122815  
Conc: 1.08 ug/ml

Instrument : FID\_F  
ClientSampleId : LOD-MDL-WATER-04-QT3-2025

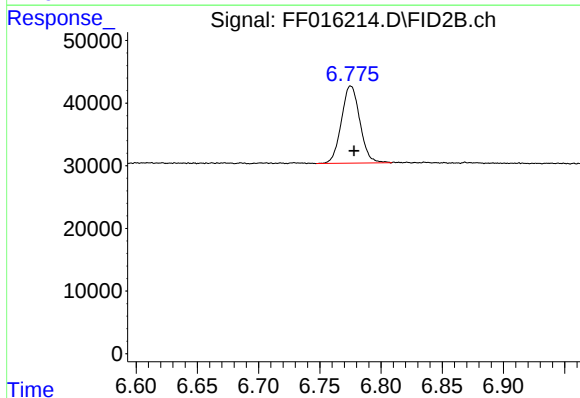
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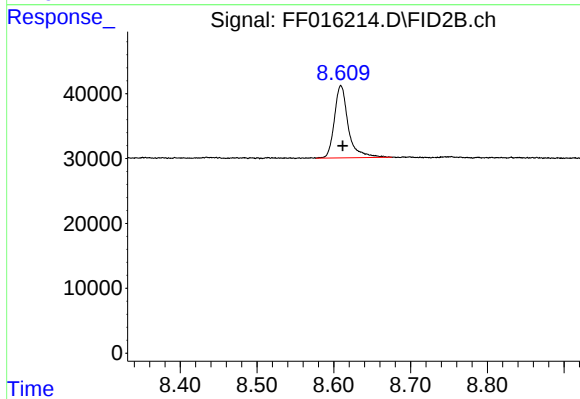
#2 N-DECANE

R.T.: 4.598 min  
Delta R.T.: -0.003 min  
Response: 131751  
Conc: 1.13 ug/ml



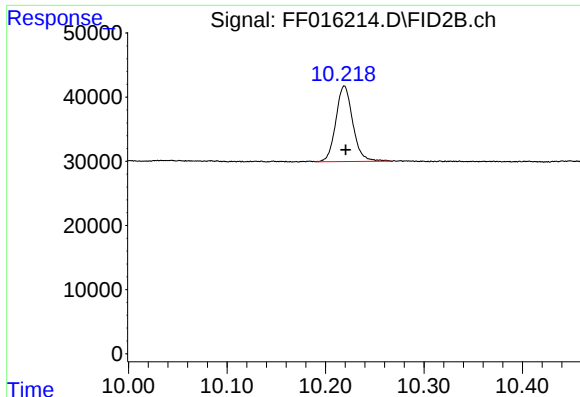
#3 N-DODECANE

R.T.: 6.775 min  
Delta R.T.: -0.003 min  
Response: 129608  
Conc: 1.10 ug/ml



#4 N-TETRADECANE

R.T.: 8.609 min  
Delta R.T.: -0.002 min  
Response: 139550  
Conc: 1.15 ug/ml



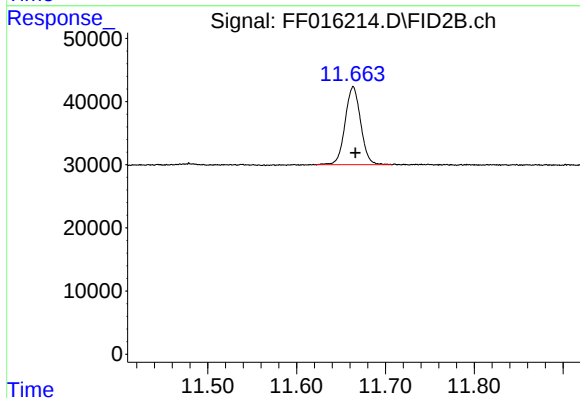
#5 N-HEXADECANE

R.T.: 10.219 min  
Delta R.T.: -0.002 min  
Response: 140637  
Conc: 1.16 ug/ml

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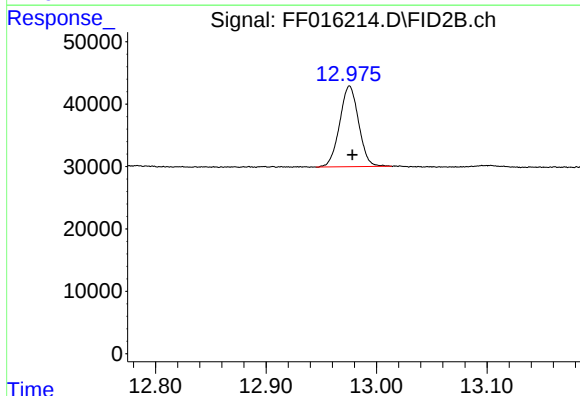
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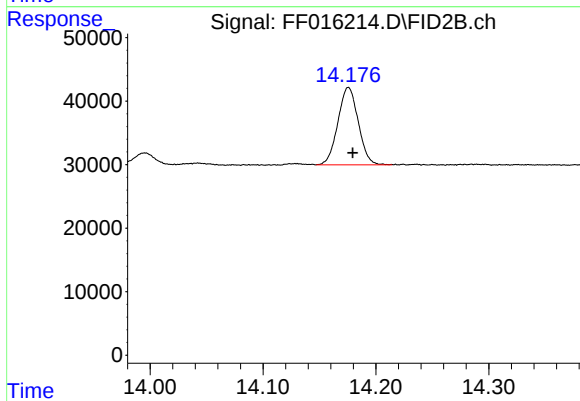
#6 N-OCTADECANE

R.T.: 11.664 min  
Delta R.T.: -0.002 min  
Response: 150453  
Conc: 1.20 ug/ml



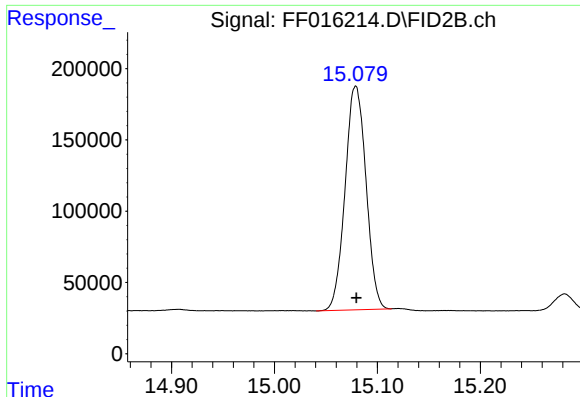
#7 N-EICOSANE

R.T.: 12.976 min  
Delta R.T.: -0.003 min  
Response: 154399  
Conc: 1.19 ug/ml



#8 N-DOCOSANE

R.T.: 14.176 min  
Delta R.T.: -0.004 min  
Response: 152742  
Conc: 1.21 ug/ml m



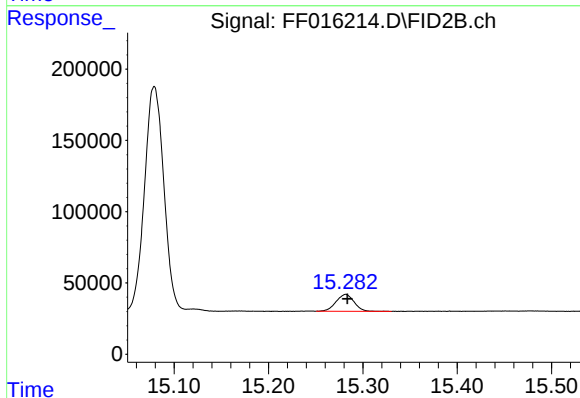
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.079 min  
Delta R.T.: 0.000 min  
Response: 2216382  
Conc: 19.86 ug/ml

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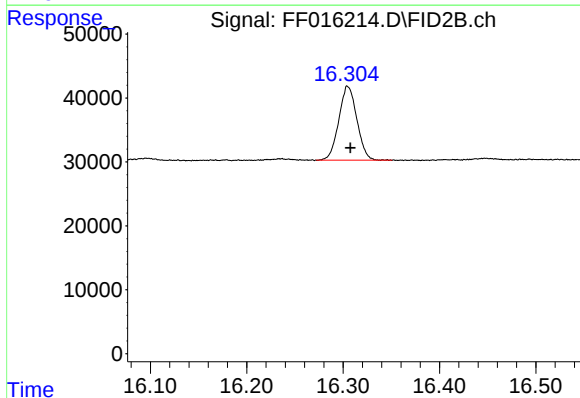
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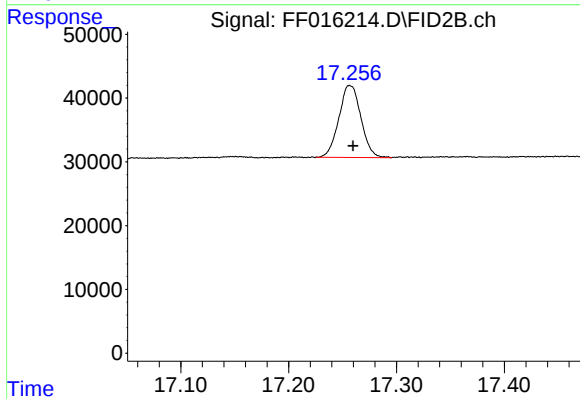
#10 N-TETRACOSANE

R.T.: 15.282 min  
Delta R.T.: -0.002 min  
Response: 157601  
Conc: 1.24 ug/ml



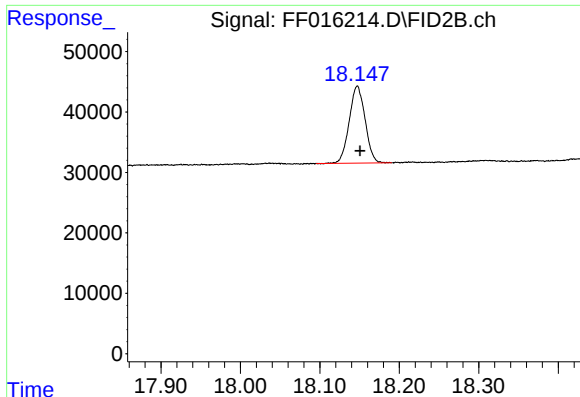
#11 N-HEXACOSANE

R.T.: 16.305 min  
Delta R.T.: -0.003 min  
Response: 150004  
Conc: 1.21 ug/ml



#12 N-OCTACOSANE

R.T.: 17.257 min  
Delta R.T.: -0.003 min  
Response: 160346  
Conc: 1.28 ug/ml



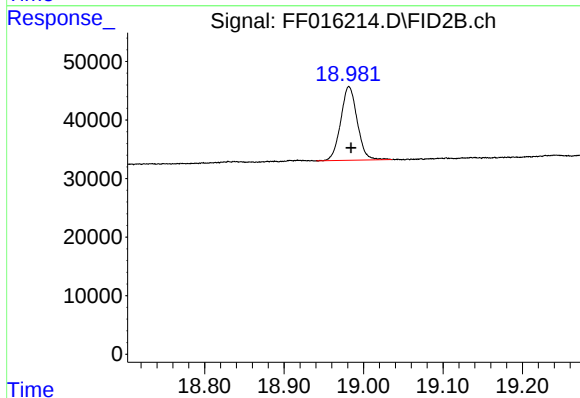
#13 N-TRIACONTANE

R.T.: 18.147 min  
Delta R.T.: -0.003 min  
Response: 177007  
Conc: 1.39 ug/ml

Instrument :  
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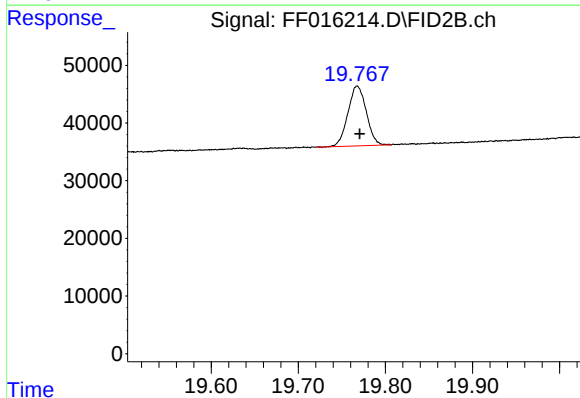
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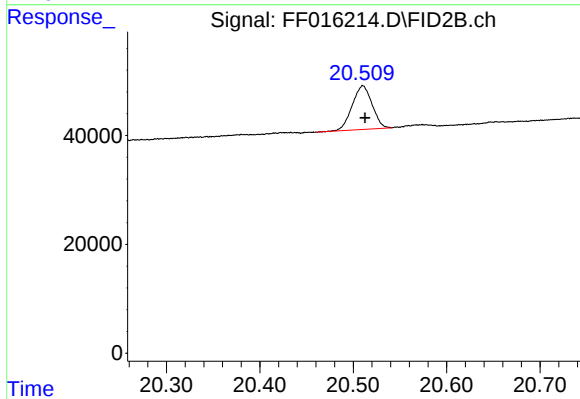
#14 N-DOTRIACONTANE

R.T.: 18.982 min  
Delta R.T.: -0.003 min  
Response: 181904  
Conc: 1.46 ug/ml



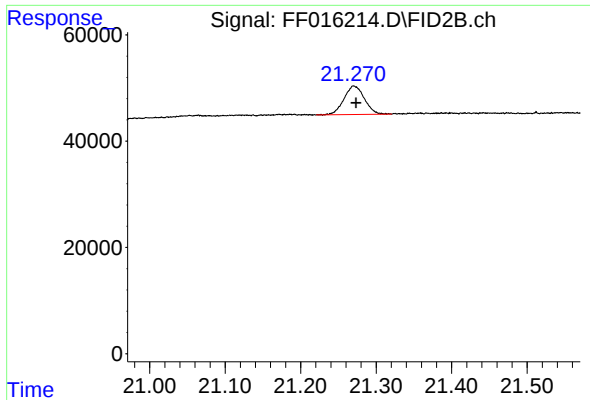
#15 N-TETRATRIACONTANE

R.T.: 19.768 min  
Delta R.T.: -0.003 min  
Response: 152266  
Conc: 1.36 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.510 min  
Delta R.T.: -0.002 min  
Response: 119217  
Conc: 1.30 ug/ml



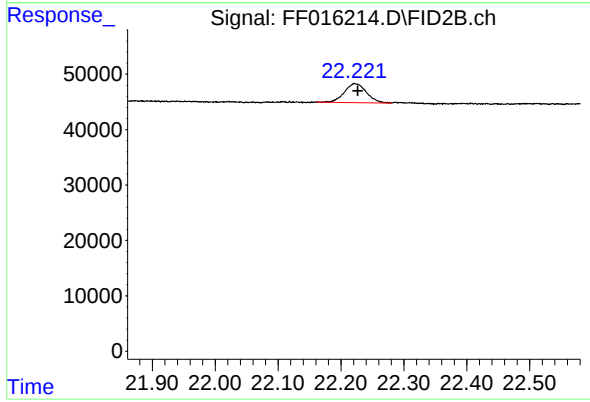
#17 N-OCTATRIACONTANE

R.T.: 21.270 min  
Delta R.T.: -0.003 min  
Response: 101065  
Conc: 1.32 ug/ml

Instrument :  
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#18 N-TETRACONTANE

R.T.: 22.222 min  
Delta R.T.: -0.005 min  
Response: 83060  
Conc: 1.26 ug/ml