

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF040723\  
 Data File : FF012402.D  
 Signal(s) : FID2B.ch  
 Acq On : 07 Apr 2023 11:58  
 Operator : YP\AJ  
 Sample : 02213-04  
 Misc : 1 PPM SOIL LOD  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 LOD-MDL-SOIL-04-QT2-2023

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/10/2023  
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e  
 Quant Time: Apr 10 02:39:29 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF031623.M  
 Quant Title :  
 QLast Update : Wed Mar 15 18:07:23 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... | 15.016 | 2283352  | 20.403 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.071  | 128139   | 1.010 ug/ml  |
| 2) N-DECANE                   | 4.582  | 127725   | 1.020 ug/ml  |
| 3) N-DODECANE                 | 6.745  | 50855    | 0.410 ug/ml  |
| 4) N-TETRADECANE              | 8.590  | 128480   | 0.986 ug/mlm |
| 5) N-HEXADECANE               | 10.185 | 115798   | 0.868 ug/ml  |
| 6) N-OCTADECANE               | 11.618 | 134021   | 0.998 ug/ml  |
| 7) N-EICOSANE                 | 12.923 | 142668   | 1.072 ug/ml  |
| 8) N-DOCOSANE                 | 14.117 | 140297   | 1.104 ug/ml  |
| 10) N-TETRACOSANE             | 15.221 | 161306   | 1.293 ug/ml  |
| 11) N-HEXACOSANE              | 16.245 | 146580   | 1.224 ug/ml  |
| 12) N-OCTACOSANE              | 17.193 | 153790   | 1.337 ug/ml  |
| 13) N-TRIACONTANE             | 18.077 | 169244   | 1.538 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.911 | 174183   | 1.678 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.693 | 141426   | 1.495 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.433 | 119604   | 1.365 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.167 | 100934   | 1.219 ug/ml  |
| 18) N-TETRACONTANE            | 22.078 | 92777    | 1.136 ug/ml  |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc : 1 PPM SOIL LOD  
ALS Vial : 13 Sample Multiplier: 1

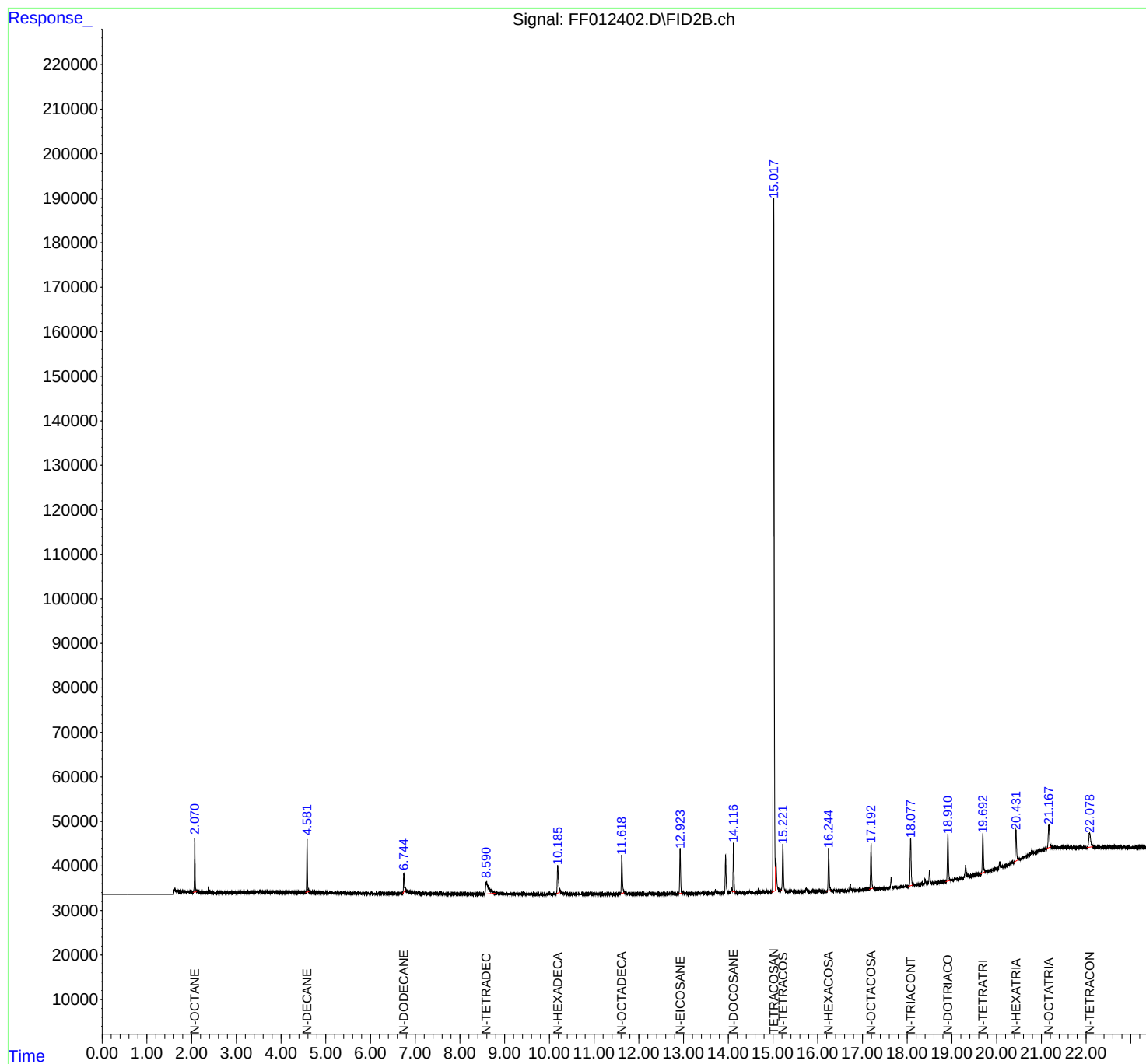
Instrument :  
FID\_F  
ClientSampleId :  
LOD-MDL-SOIL-04-QT2-2023

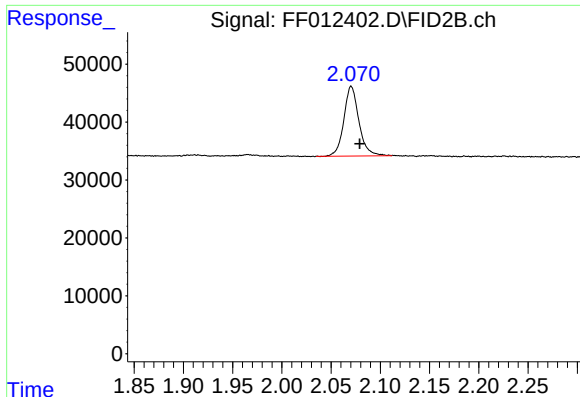
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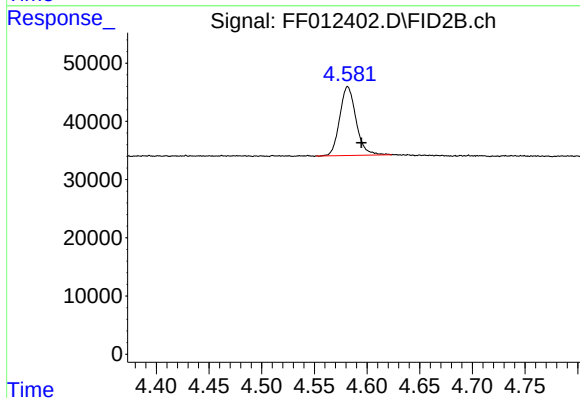
#1 N-OCTANE

R.T.: 2.071 min  
Delta R.T.: -0.008 min  
Response: 128139  
Conc: 1.01 ug/ml

Instrument :  
FID\_F  
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LOD-MDL-SOIL-04-QT2-2023

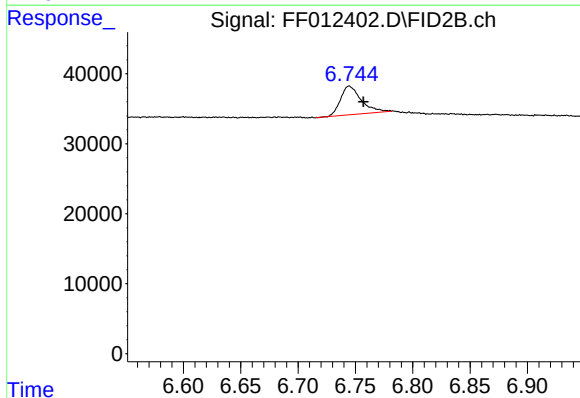
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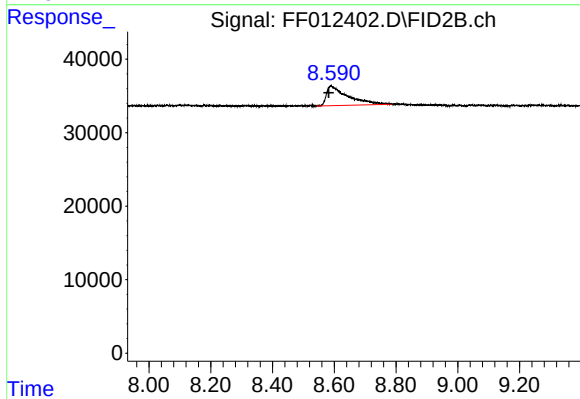
#2 N-DECANE

R.T.: 4.582 min  
Delta R.T.: -0.013 min  
Response: 127725  
Conc: 1.02 ug/ml



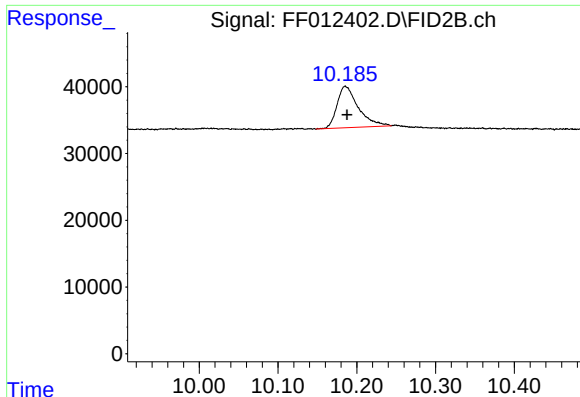
#3 N-DODECANE

R.T.: 6.745 min  
Delta R.T.: -0.012 min  
Response: 50855  
Conc: 0.41 ug/ml



#4 N-TETRADECANE

R.T.: 8.590 min  
Delta R.T.: 0.007 min  
Response: 128480  
Conc: 0.99 ug/ml m



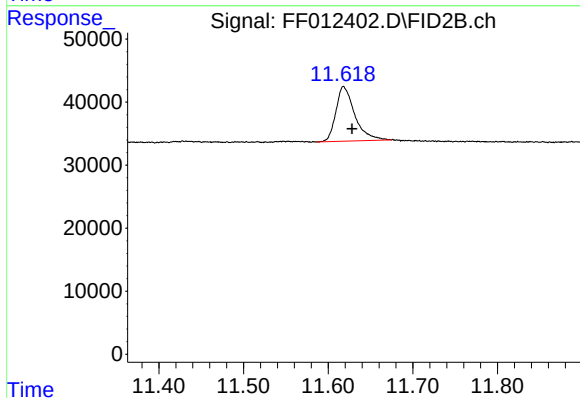
#5 N-HEXADECANE

R.T.: 10.185 min  
Delta R.T.: -0.003 min  
Response: 115798  
Conc: 0.87 ug/ml

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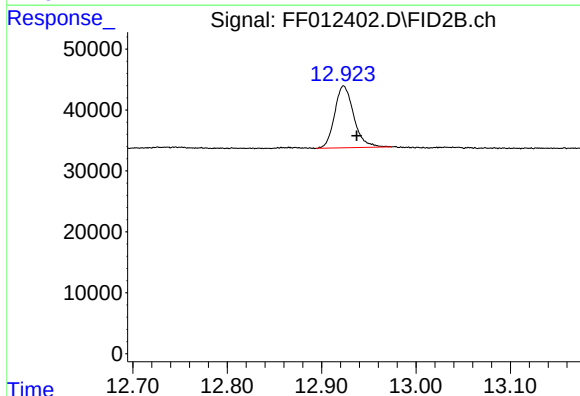
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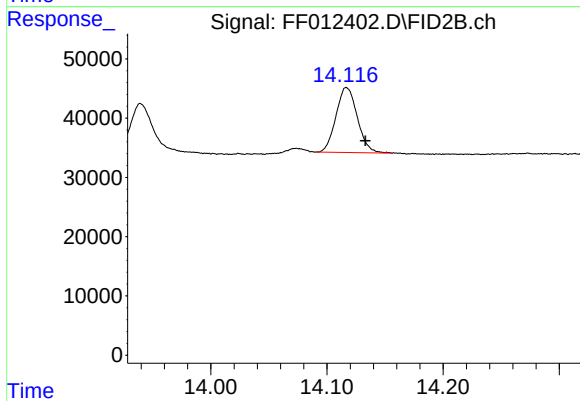
#6 N-OCTADECANE

R.T.: 11.618 min  
Delta R.T.: -0.010 min  
Response: 134021  
Conc: 1.00 ug/ml



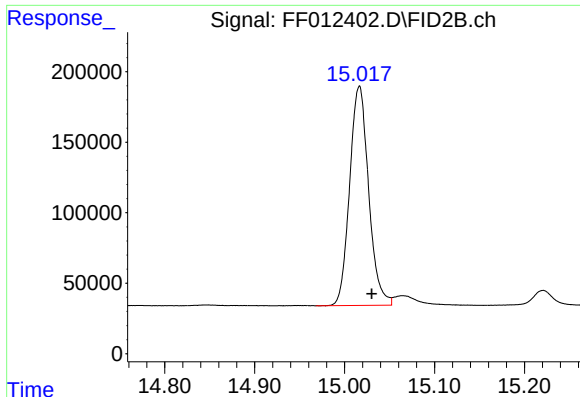
#7 N-EICOSANE

R.T.: 12.923 min  
Delta R.T.: -0.014 min  
Response: 142668  
Conc: 1.07 ug/ml



#8 N-DOCOSANE

R.T.: 14.117 min  
Delta R.T.: -0.016 min  
Response: 140297  
Conc: 1.10 ug/ml



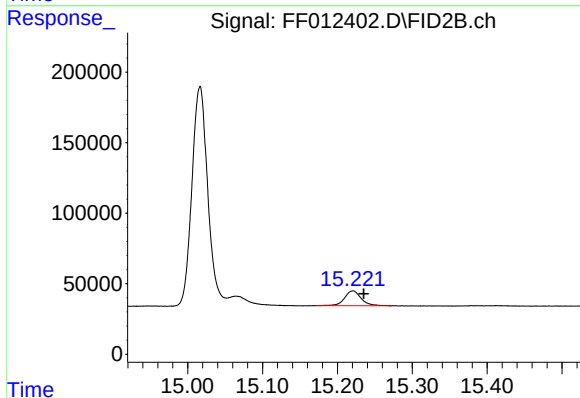
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.016 min  
Delta R.T.: -0.014 min  
Response: 2283352  
Conc: 20.40 ug/ml

Instrument : FID\_F  
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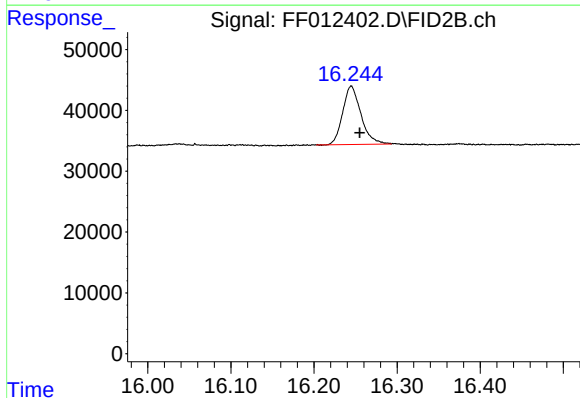
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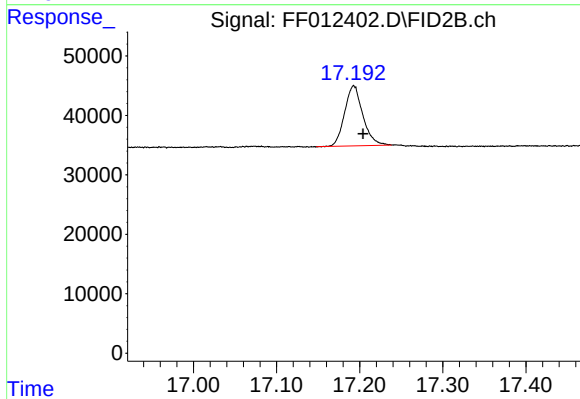
#10 N-TETRACOSANE

R.T.: 15.221 min  
Delta R.T.: -0.014 min  
Response: 161306  
Conc: 1.29 ug/ml



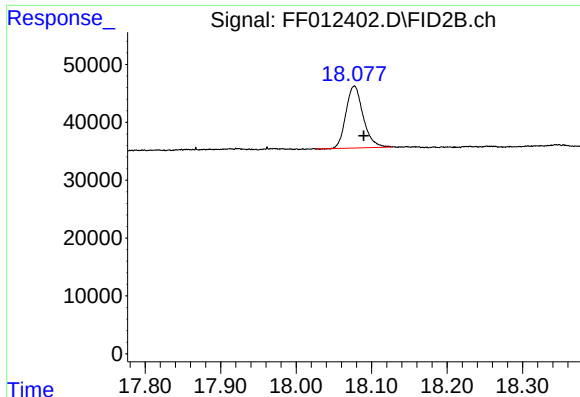
#11 N-HEXACOSANE

R.T.: 16.245 min  
Delta R.T.: -0.010 min  
Response: 146580  
Conc: 1.22 ug/ml



#12 N-OCTACOSANE

R.T.: 17.193 min  
Delta R.T.: -0.011 min  
Response: 153790  
Conc: 1.34 ug/ml



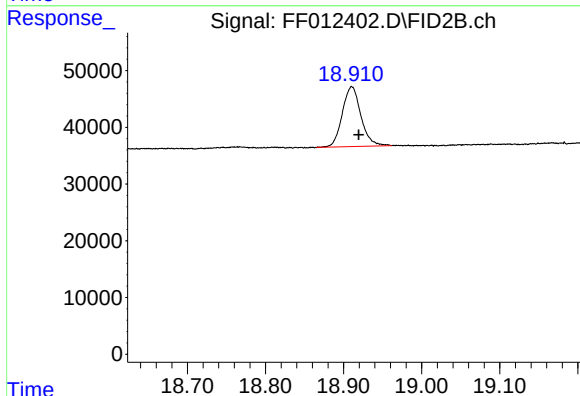
#13 N-TRIACONTANE

R.T.: 18.077 min  
Delta R.T.: -0.012 min  
Response: 169244  
Conc: 1.54 ug/ml

Instrument :  
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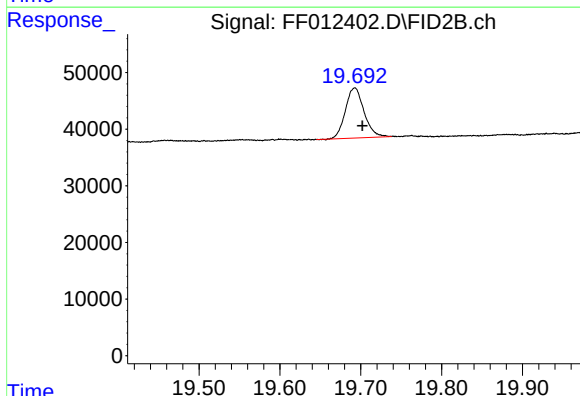
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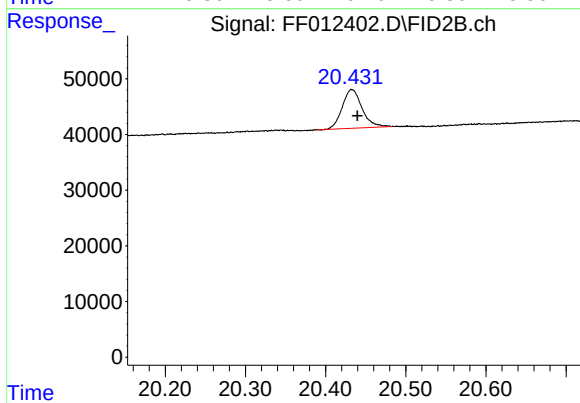
#14 N-DOTRIACONTANE

R.T.: 18.911 min  
Delta R.T.: -0.009 min  
Response: 174183  
Conc: 1.68 ug/ml



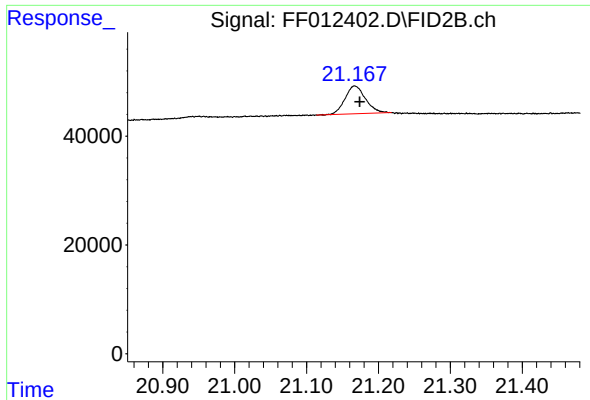
#15 N-TETRATRIACONTANE

R.T.: 19.693 min  
Delta R.T.: -0.009 min  
Response: 141426  
Conc: 1.49 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.433 min  
Delta R.T.: -0.007 min  
Response: 119604  
Conc: 1.37 ug/ml



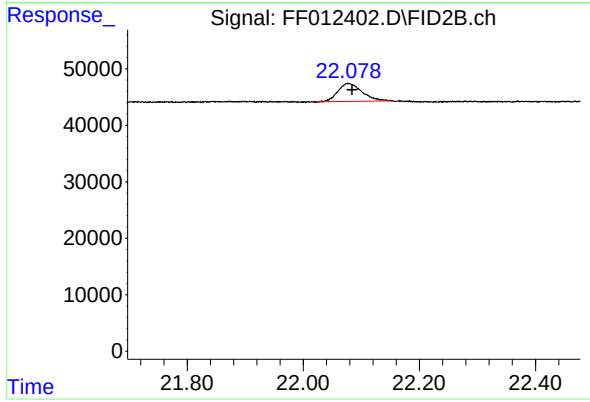
#17 N-OCTATRIACONTANE

R.T.: 21.167 min  
Delta R.T.: -0.007 min  
Response: 100934  
Conc: 1.22 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.078 min  
Delta R.T.: -0.006 min  
Response: 92777  
Conc: 1.14 ug/ml