

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF073124\  
 Data File : FF014336.D  
 Signal(s) : FID2B.ch  
 Acq On : 31 Jul 2024 18:16  
 Operator : YP\AJ  
 Sample : P3390-04  
 Misc : 2.5 PPM SOIL LOD  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 LOD-MDL-SOIL-04-QT3-2024

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/01/2024  
 Supervised By :Ankita Jodhani 08/01/2024

Integration File: autoint1.e  
 Quant Time: Aug 01 02:21:32 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF072324.M  
 Quant Title :  
 QLast Update : Tue Jul 23 14:43:21 2024  
 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... | 14.917 | 1536613  | 12.320 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.959  | 293241   | 2.326 ug/ml  |
| 2) N-DECANE                   | 4.469  | 293943   | 2.268 ug/ml  |
| 3) N-DODECANE                 | 6.635  | 265213   | 1.994 ug/ml  |
| 4) N-TETRADECANE              | 8.463  | 246861   | 1.898 ug/ml  |
| 5) N-HEXADECANE               | 10.070 | 234329   | 1.805 ug/ml  |
| 6) N-OCTADECANE               | 11.511 | 270337   | 1.967 ug/ml  |
| 7) N-EICOSANE                 | 12.820 | 287912   | 2.112 ug/ml  |
| 8) N-DOCOSANE                 | 14.018 | 290386   | 2.162 ug/ml  |
| 10) N-TETRACOSANE             | 15.121 | 298879   | 2.247 ug/ml  |
| 11) N-HEXACOSANE              | 16.146 | 277540   | 2.160 ug/ml  |
| 12) N-OCTACOSANE              | 17.098 | 270579   | 2.155 ug/ml  |
| 13) N-TRIACONTANE             | 17.986 | 276323   | 2.264 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.819 | 243767   | 2.078 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.604 | 196231   | 2.061 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.347 | 149045   | 2.003 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.073 | 85786    | 1.271 ug/ml  |
| 18) N-TETRACONTANE            | 21.975 | 78212    | 1.243 ug/mlm |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc : 2.5 PPM SOIL LOD  
ALS Vial : 14 Sample Multiplier: 1

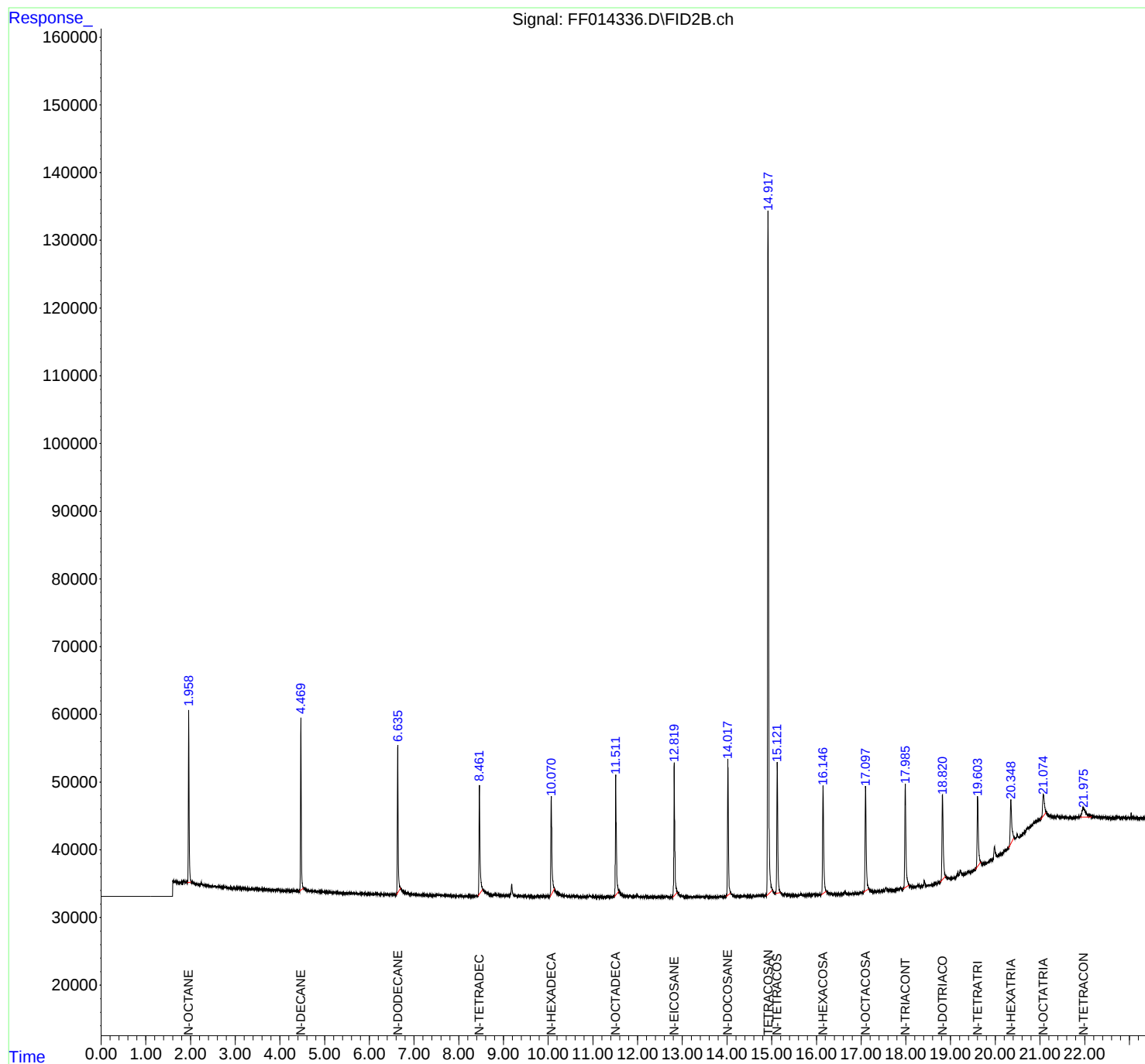
Instrument :  
FID\_F  
ClientSampleId :  
LOD-MDL-SOIL-04-QT3-2024

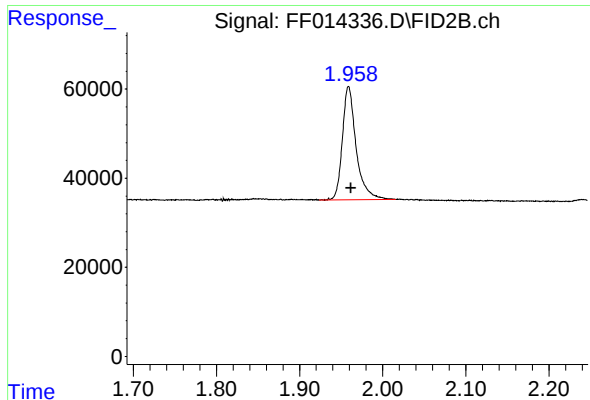
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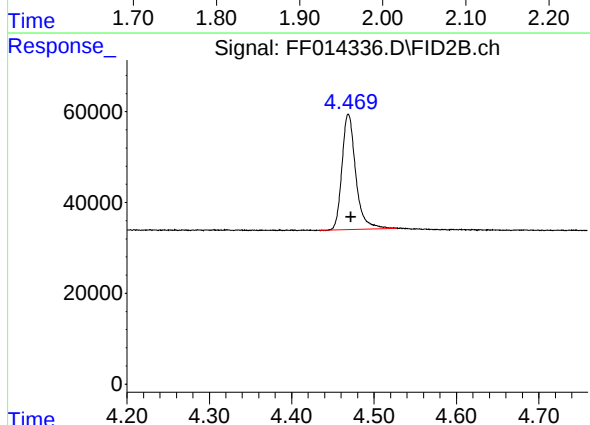
#1 N-OCTANE

R.T.: 1.959 min  
Delta R.T.: -0.003 min  
Response: 293241  
Conc: 2.33 ug/ml

Instrument : FID\_F  
ClientSampleId :  
LOD-MDL-SOIL-04-QT3-2024

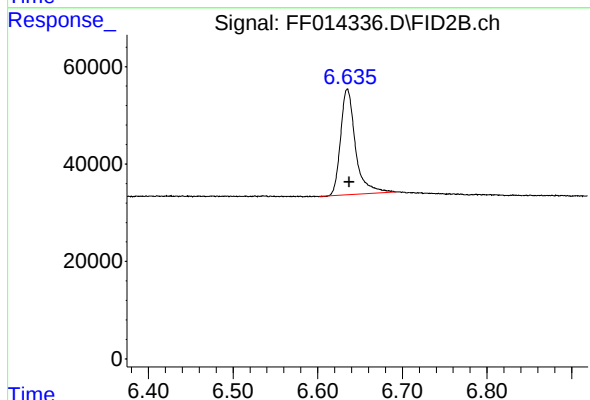
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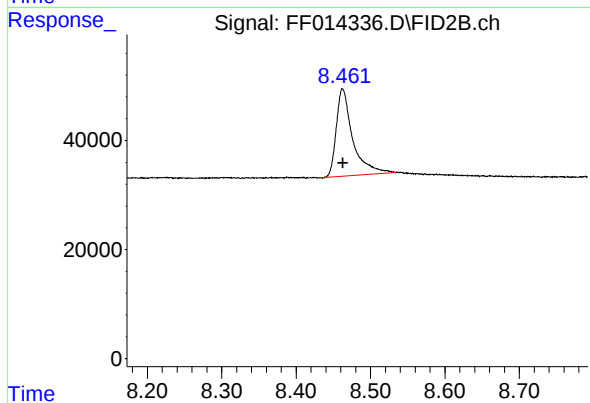
#2 N-DECANE

R.T.: 4.469 min  
Delta R.T.: -0.003 min  
Response: 293943  
Conc: 2.27 ug/ml



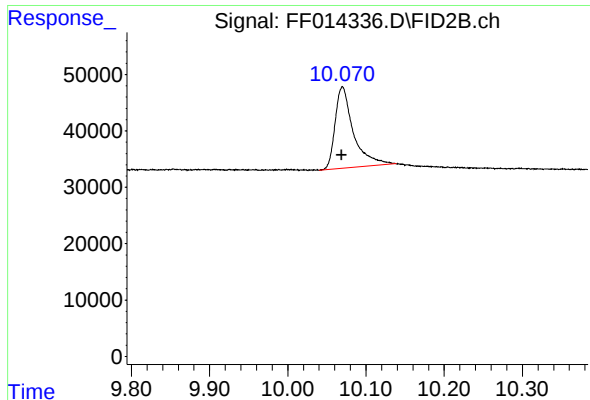
#3 N-DODECANE

R.T.: 6.635 min  
Delta R.T.: -0.003 min  
Response: 265213  
Conc: 1.99 ug/ml



#4 N-TETRADECANE

R.T.: 8.463 min  
Delta R.T.: 0.000 min  
Response: 246861  
Conc: 1.90 ug/ml



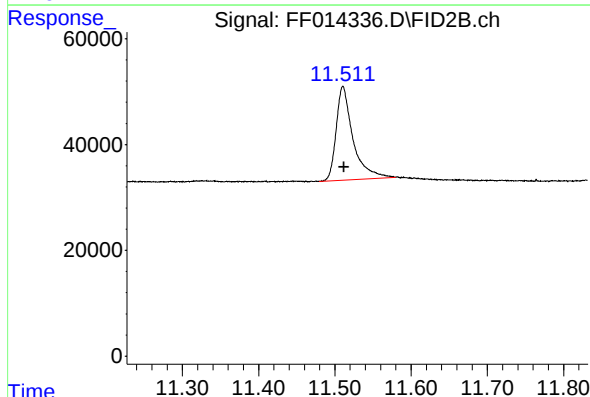
#5 N-HEXADECANE

R.T.: 10.070 min  
Delta R.T.: 0.000 min  
Response: 234329  
Conc: 1.81 ug/ml

Instrument : FID\_F  
ClientSampleId :  
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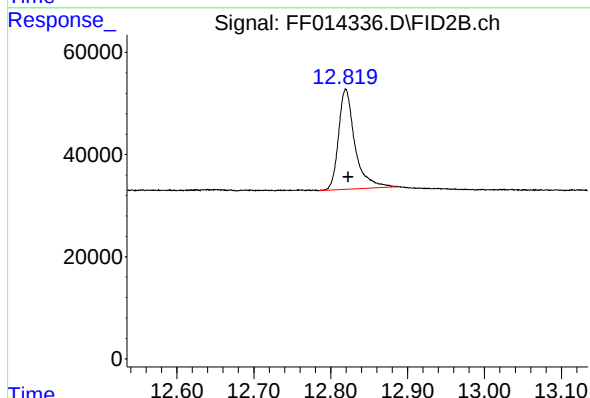
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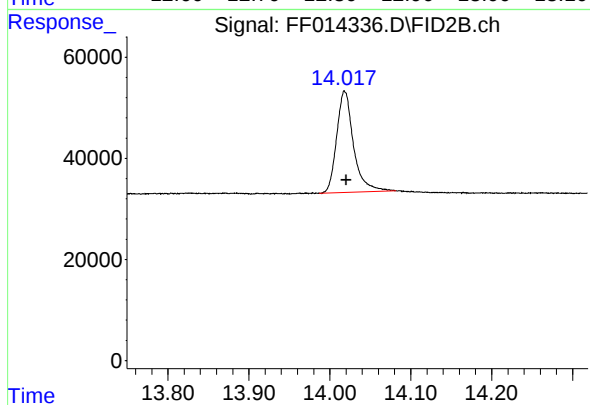
#6 N-OCTADECANE

R.T.: 11.511 min  
Delta R.T.: -0.001 min  
Response: 270337  
Conc: 1.97 ug/ml



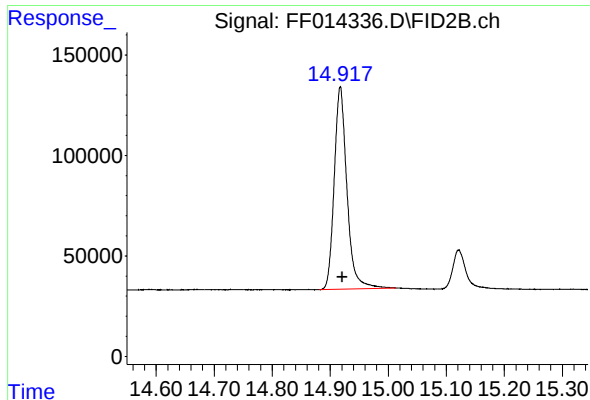
#7 N-EICOSANE

R.T.: 12.820 min  
Delta R.T.: -0.003 min  
Response: 287912  
Conc: 2.11 ug/ml



#8 N-DOCOSANE

R.T.: 14.018 min  
Delta R.T.: -0.002 min  
Response: 290386  
Conc: 2.16 ug/ml



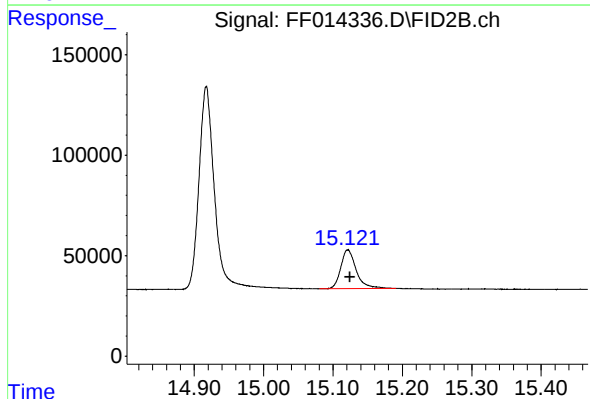
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.917 min  
Delta R.T.: -0.004 min  
Response: 1536613  
Conc: 12.32 ug/ml

Instrument : FID\_F  
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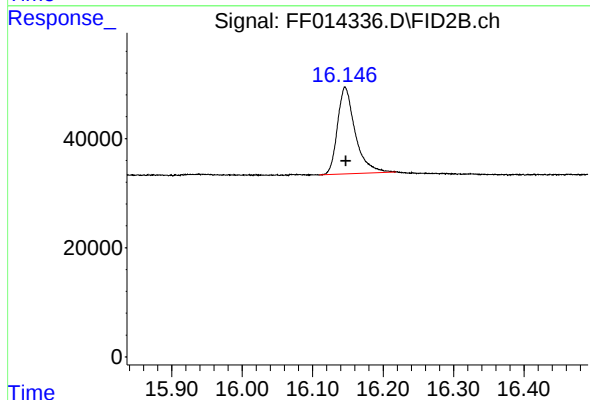
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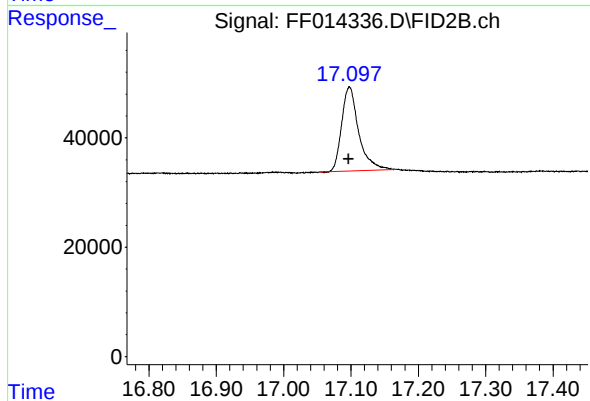
#10 N-TETRACOSANE

R.T.: 15.121 min  
Delta R.T.: -0.003 min  
Response: 298879  
Conc: 2.25 ug/ml



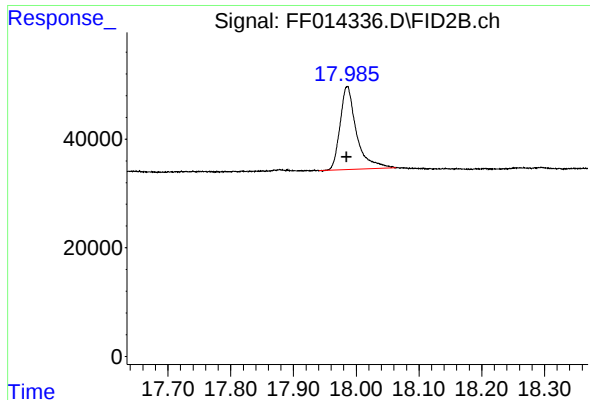
#11 N-HEXACOSANE

R.T.: 16.146 min  
Delta R.T.: -0.001 min  
Response: 277540  
Conc: 2.16 ug/ml



#12 N-OCTACOSANE

R.T.: 17.098 min  
Delta R.T.: 0.002 min  
Response: 270579  
Conc: 2.15 ug/ml



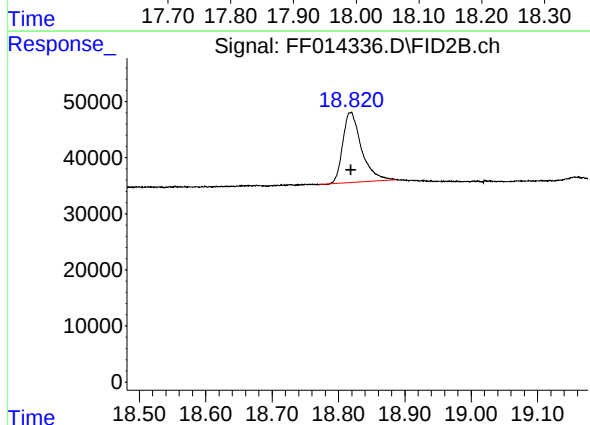
#13 N-TRIACONTANE

R.T.: 17.986 min  
Delta R.T.: 0.000 min  
Response: 276323  
Conc: 2.26 ug/ml

Instrument :  
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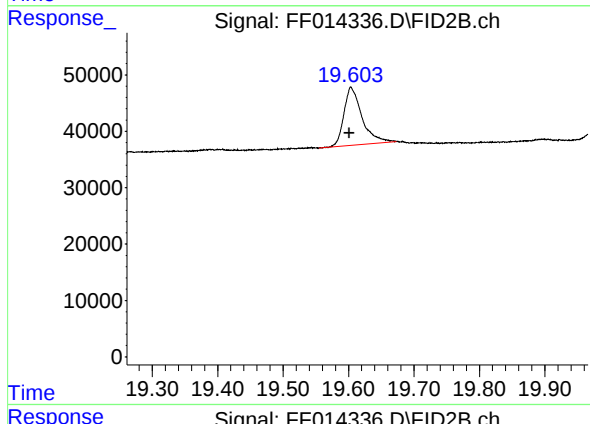
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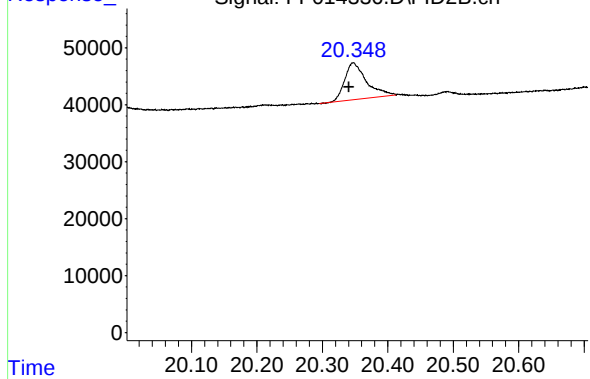
#14 N-DOTRIACONTANE

R.T.: 18.819 min  
Delta R.T.: 0.000 min  
Response: 243767  
Conc: 2.08 ug/ml



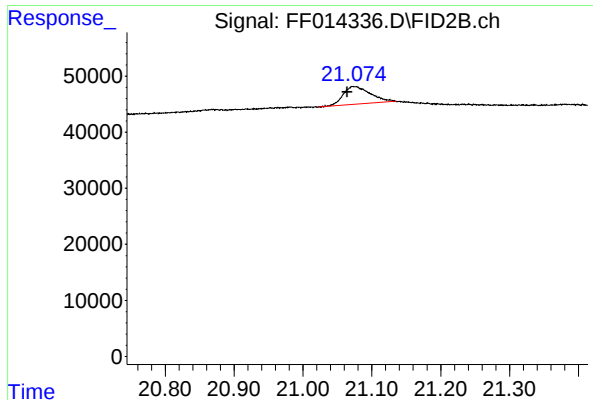
#15 N-TETRATRIACONTANE

R.T.: 19.604 min  
Delta R.T.: 0.003 min  
Response: 196231  
Conc: 2.06 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.347 min  
Delta R.T.: 0.007 min  
Response: 149045  
Conc: 2.00 ug/ml



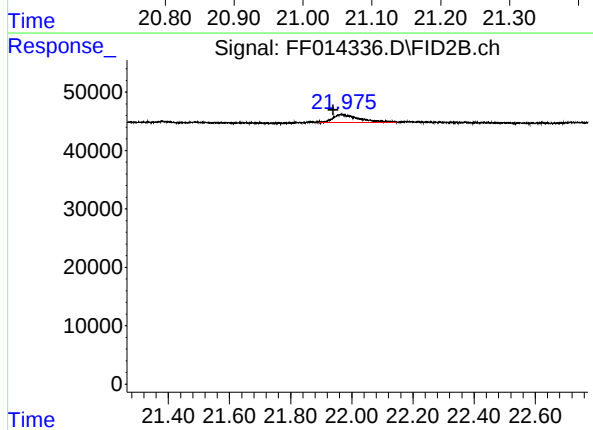
#17 N-OCTATRIACONTANE

R.T.: 21.073 min  
Delta R.T.: 0.008 min  
Response: 85786  
Conc: 1.27 ug/ml

Instrument : FID\_F  
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#18 N-TETRACONTANE

R.T.: 21.975 min  
Delta R.T.: 0.035 min  
Response: 78212  
Conc: 1.24 ug/ml m