

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG101821\  
 Data File : FG008927.D  
 Signal(s) : FID1A.ch  
 Acq On : 18 Oct 2021 19:17  
 Operator : AJ\MA  
 Sample : M4068-04  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-04-QT4-2021

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: Oct 19 00:25:47 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG100721.M  
 Quant Title :  
 QLast Update : Fri Oct 08 03:31:08 2021  
 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... | 14.737 | 1897985  | 16.443 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.338  | 264584   | 1.915 ug/ml  |
| 2) N-DECANE                   | 4.439  | 277510   | 1.989 ug/ml  |
| 3) N-DODECANE                 | 6.466  | 236813   | 1.679 ug/ml  |
| 4) N-TETRADECANE              | 8.272  | 220385   | 1.563 ug/ml  |
| 5) N-HEXADECANE               | 9.875  | 241532   | 1.725 ug/ml  |
| 6) N-OCTADECANE               | 11.320 | 260966   | 1.847 ug/ml  |
| 7) N-EICOSANE                 | 12.633 | 279751   | 2.006 ug/ml  |
| 8) N-DOCOSANE                 | 13.834 | 278338   | 2.064 ug/ml  |
| 10) N-TETRACOSANE             | 14.942 | 270511   | 2.060 ug/ml  |
| 11) N-HEXACOSANE              | 15.967 | 254649   | 2.034 ug/ml  |
| 12) N-OCTACOSANE              | 16.919 | 261085   | 2.191 ug/ml  |
| 13) N-TRIACONTANE             | 17.808 | 316334   | 2.789 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.642 | 333682   | 3.146 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.428 | 265320   | 2.664 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.170 | 208403   | 2.257 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.925 | 153992   | 1.754 ug/ml  |
| 18) N-TETRACONTANE            | 21.870 | 190340   | 2.138 ug/mlm |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 61 Sample Multiplier: 1

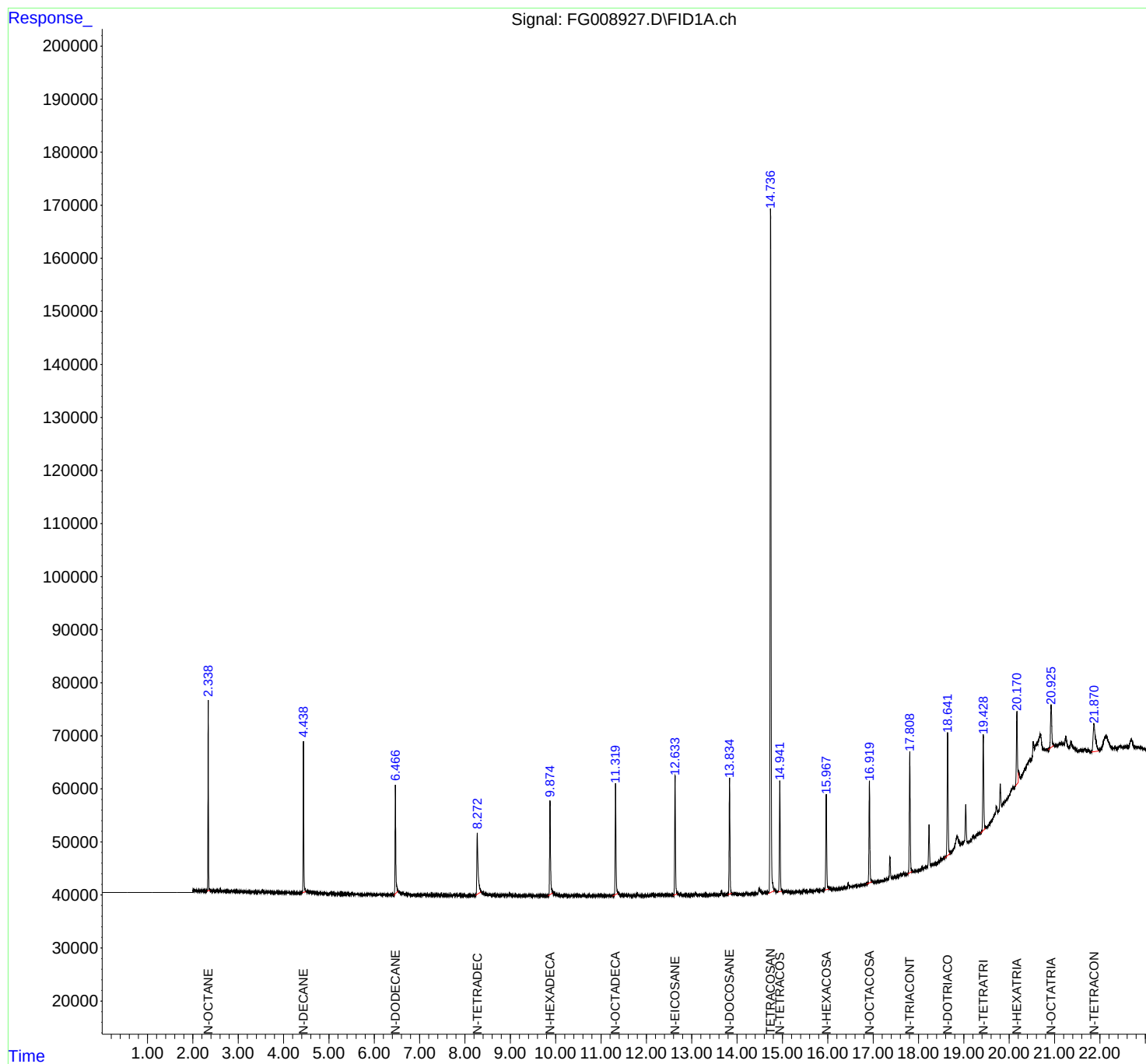
Instrument :  
FID\_G  
ClientSampleId :  
LOD-MDL-SOIL-04-QT4-2021

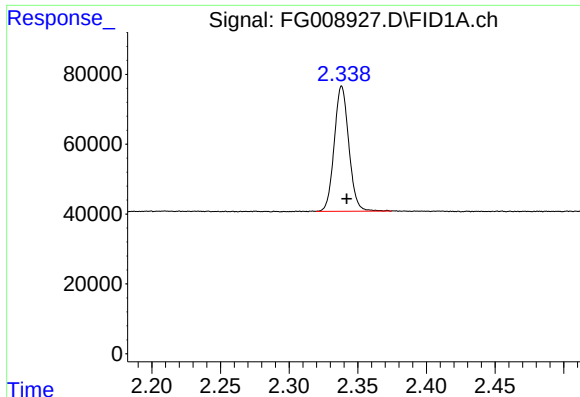
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QLast Update : Fri Oct 08 03:31:08 2021  
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Integrator: ChemStation

Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





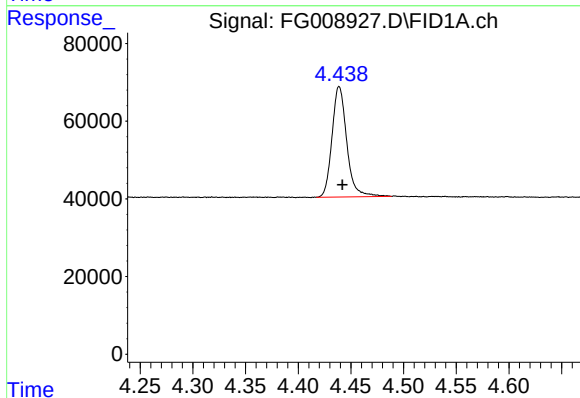
#1 N-OCTANE

R.T.: 2.338 min  
Delta R.T.: -0.004 min  
Response: 264584  
Conc: 1.92 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
LOD-MDL-SOIL-04-QT4-2021

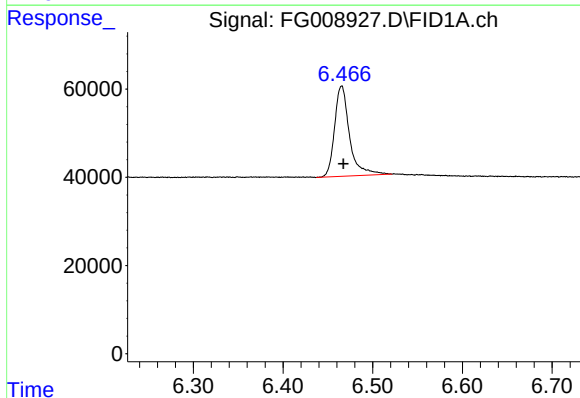
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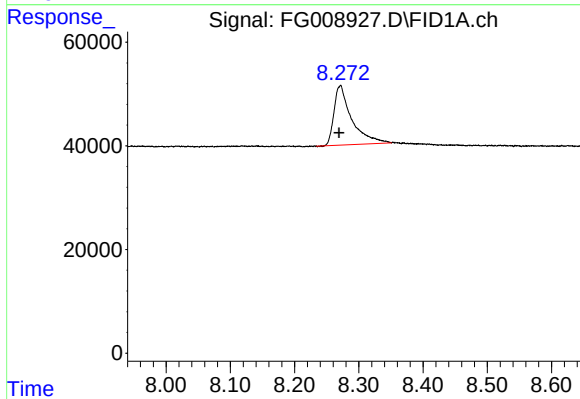
#2 N-DECANE

R.T.: 4.439 min  
Delta R.T.: -0.003 min  
Response: 277510  
Conc: 1.99 ug/ml



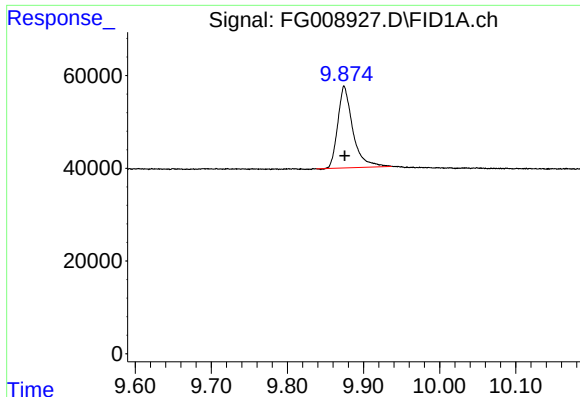
#3 N-DODECANE

R.T.: 6.466 min  
Delta R.T.: -0.002 min  
Response: 236813  
Conc: 1.68 ug/ml



#4 N-TETRADECANE

R.T.: 8.272 min  
Delta R.T.: 0.003 min  
Response: 220385  
Conc: 1.56 ug/ml



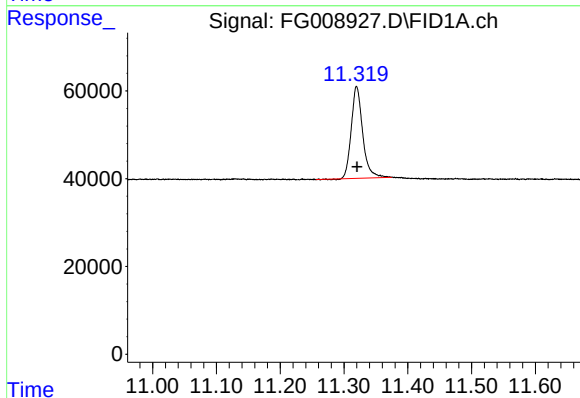
#5 N-HEXADECANE

R.T.: 9.875 min  
Delta R.T.: 0.000 min  
Response: 241532  
Conc: 1.72 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
LOD-MDL-SOIL-04-QT4-2021

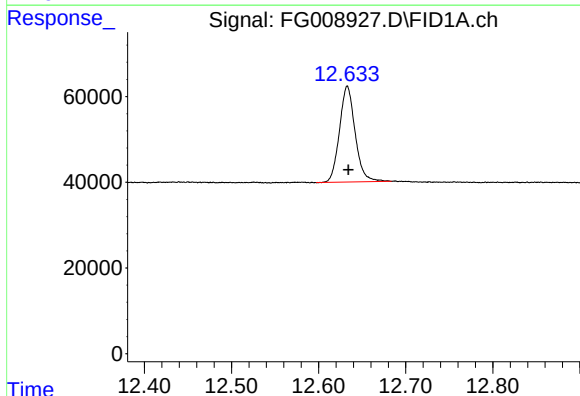
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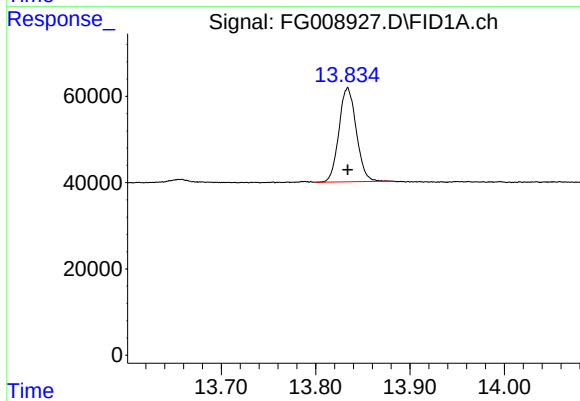
#6 N-OCTADECANE

R.T.: 11.320 min  
Delta R.T.: 0.000 min  
Response: 260966  
Conc: 1.85 ug/ml



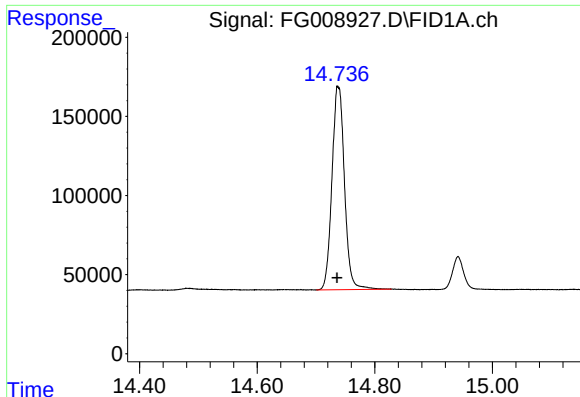
#7 N-EICOSANE

R.T.: 12.633 min  
Delta R.T.: -0.001 min  
Response: 279751  
Conc: 2.01 ug/ml



#8 N-DOCOSANE

R.T.: 13.834 min  
Delta R.T.: 0.000 min  
Response: 278338  
Conc: 2.06 ug/ml



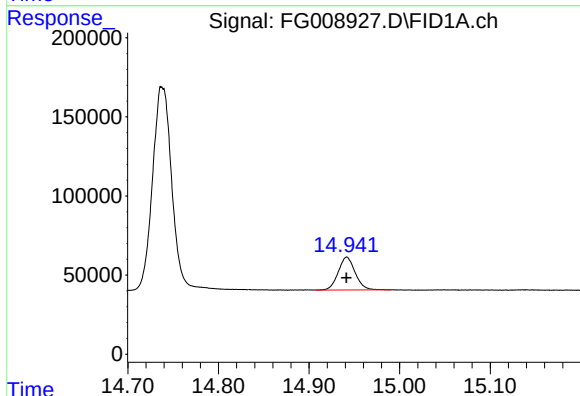
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.737 min  
Delta R.T.: 0.001 min  
Response: 1897985  
Conc: 16.44 ug/ml

Instrument :  
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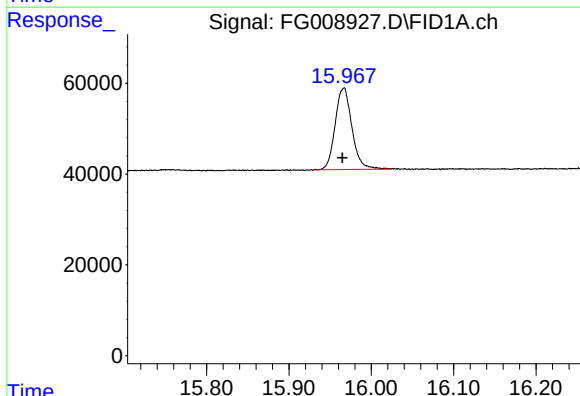
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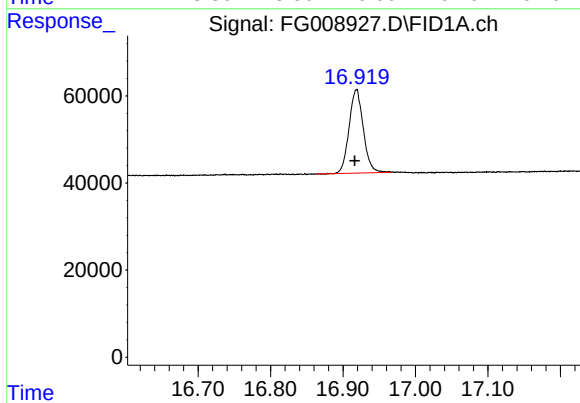
#10 N-TETRACOSANE

R.T.: 14.942 min  
Delta R.T.: 0.000 min  
Response: 270511  
Conc: 2.06 ug/ml



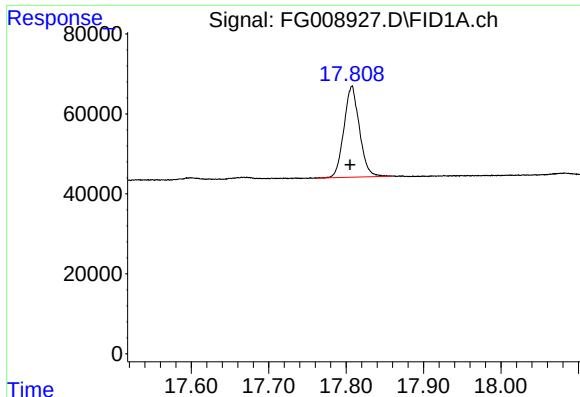
#11 N-HEXACOSANE

R.T.: 15.967 min  
Delta R.T.: 0.002 min  
Response: 254649  
Conc: 2.03 ug/ml



#12 N-OCTACOSANE

R.T.: 16.919 min  
Delta R.T.: 0.003 min  
Response: 261085  
Conc: 2.19 ug/ml



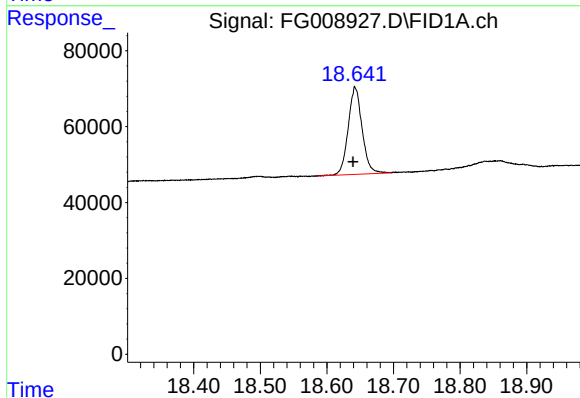
#13 N-TRIACONTANE

R.T.: 17.808 min  
Delta R.T.: 0.003 min  
Response: 316334  
Conc: 2.79 ug/ml

Instrument :  
FID\_G  
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LOD-MDL-SOIL-04-QT4-2021

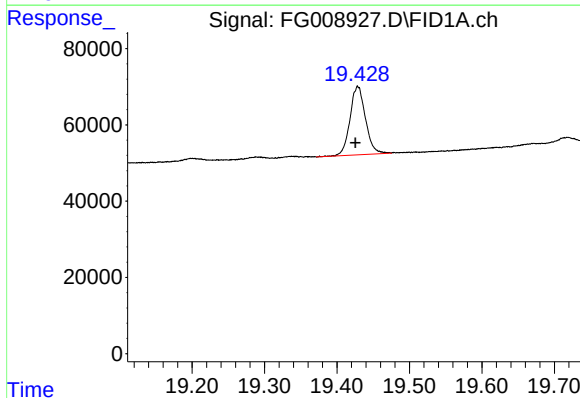
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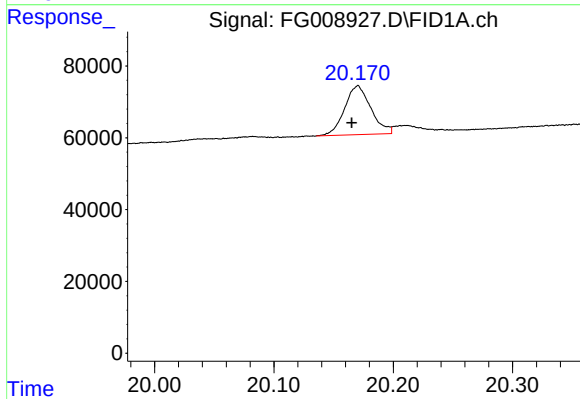
#14 N-DOTRIACONTANE

R.T.: 18.642 min  
Delta R.T.: 0.003 min  
Response: 333682  
Conc: 3.15 ug/ml



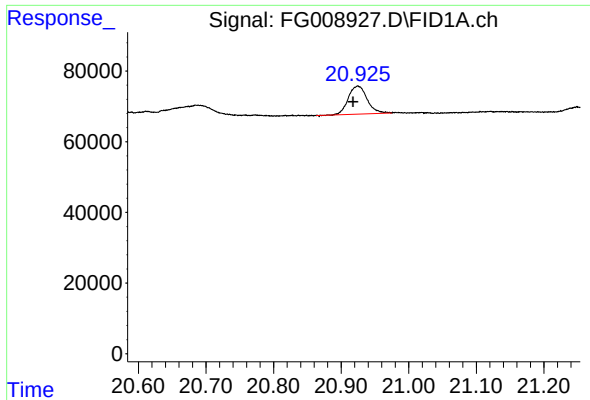
#15 N-TETRATRIACONTANE

R.T.: 19.428 min  
Delta R.T.: 0.003 min  
Response: 265320  
Conc: 2.66 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.170 min  
Delta R.T.: 0.005 min  
Response: 208403  
Conc: 2.26 ug/ml m



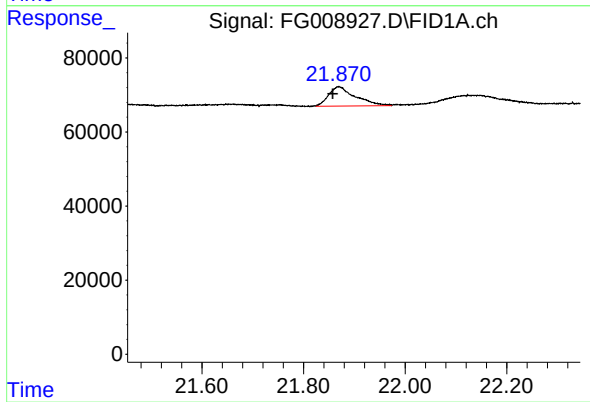
#17 N-OCTATRIACONTANE

R.T.: 20.925 min  
Delta R.T.: 0.007 min  
Response: 153992  
Conc: 1.75 ug/ml

Instrument :  
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#18 N-TETRACONTANE

R.T.: 21.870 min  
Delta R.T.: 0.012 min  
Response: 190340  
Conc: 2.14 ug/ml m