

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG101221\  
 Data File : FG008851.D  
 Signal(s) : FID1A.ch  
 Acq On : 12 Oct 2021 13:30  
 Operator : AJ\MA  
 Sample : M4146-02MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 20-SB-3-20211007-10.5-11.0MS

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: Oct 13 03:52:44 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... | 14.745 | 1315250  | 11.395 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.343  | 1915600  | 13.867 ug/ml  |
| 2) N-DECANE                   | 4.444  | 2176442  | 15.601 ug/ml  |
| 3) N-DODECANE                 | 6.471  | 2220026  | 15.744 ug/ml  |
| 4) N-TETRADECANE              | 8.273  | 2222854  | 15.768 ug/ml  |
| 5) N-HEXADECANE               | 9.879  | 2328928  | 16.631 ug/ml  |
| 6) N-OCTADECANE               | 11.327 | 2219657  | 15.706 ug/ml  |
| 7) N-EICOSANE                 | 12.641 | 2201038  | 15.782 ug/ml  |
| 8) N-DOCOSANE                 | 13.843 | 2064212  | 15.304 ug/ml  |
| 10) N-TETRACOSANE             | 14.949 | 2186259  | 16.650 ug/ml  |
| 11) N-HEXACOSANE              | 15.973 | 1740810  | 13.906 ug/ml  |
| 12) N-OCTACOSANE              | 16.926 | 1607797  | 13.492 ug/ml  |
| 13) N-TRIACONTANE             | 17.817 | 1499572  | 13.221 ug/mlm |
| 14) N-DOTRIACONTANE           | 18.650 | 1480130  | 13.954 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.436 | 1117156  | 11.217 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.177 | 951763   | 10.305 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.932 | 792515   | 9.029 ug/ml   |
| 18) N-TETRACONTANE            | 21.875 | 880061   | 9.883 ug/ml   |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 8 Sample Multiplier: 1

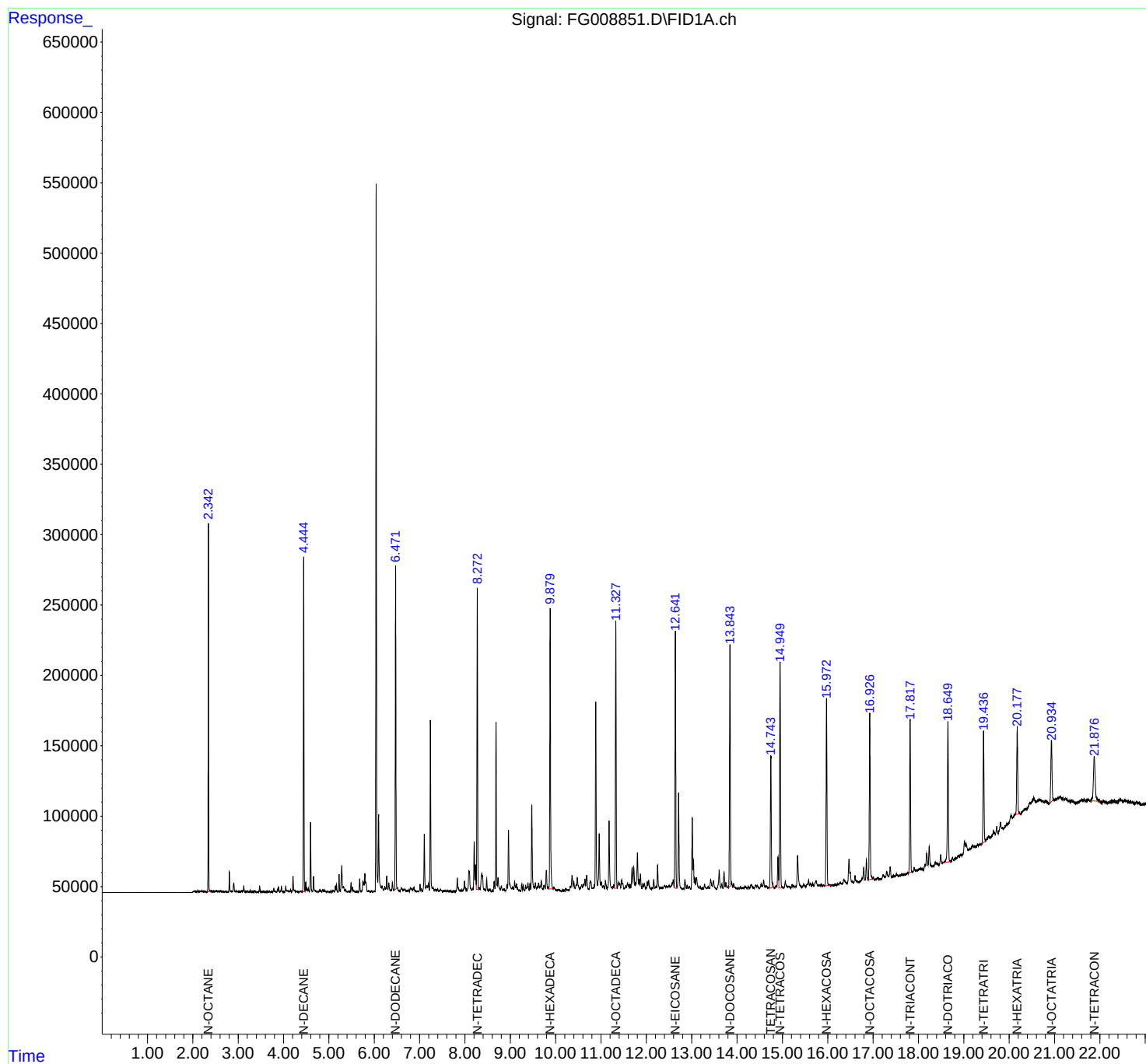
Instrument :  
FID\_G  
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20-SB-3-20211007-10.5-11.0MS

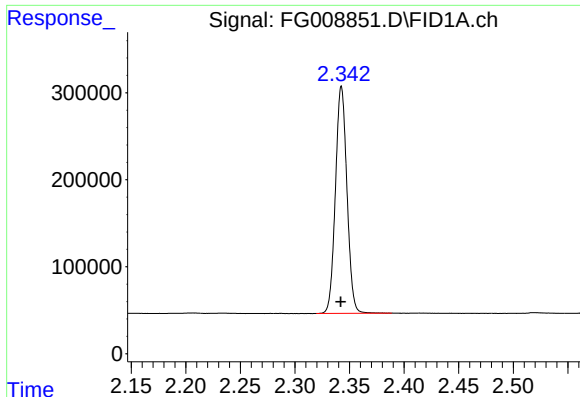
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Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





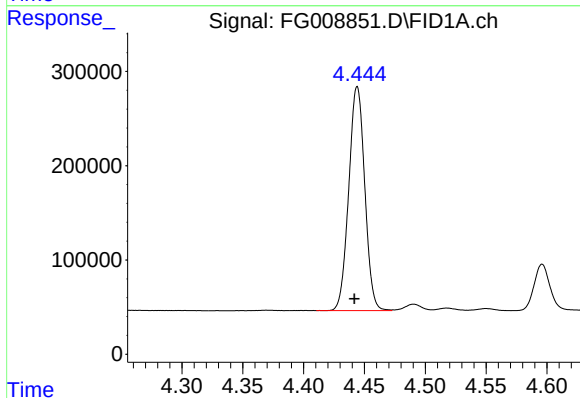
#1 N-OCTANE

R.T.: 2.343 min  
Delta R.T.: 0.000 min  
Response: 1915600  
Conc: 13.87 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
20-SB-3-20211007-10.5-11.0MS

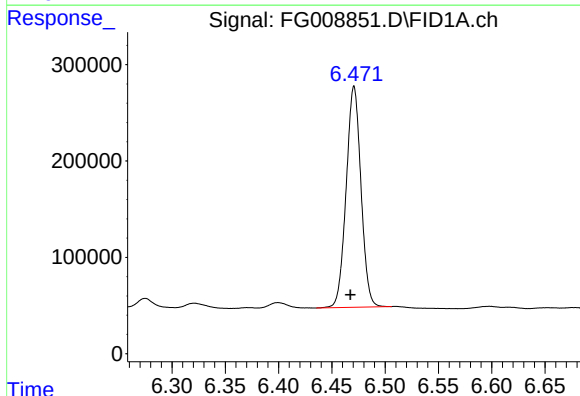
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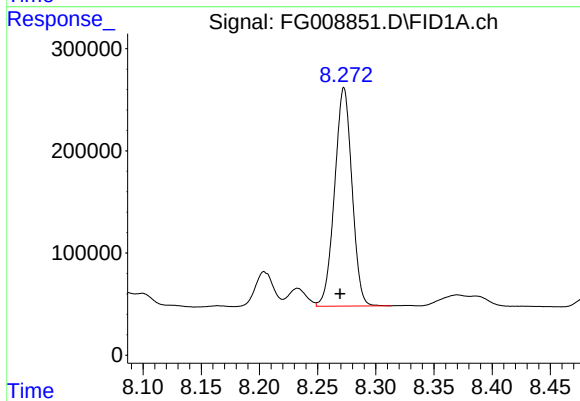
#2 N-DECANE

R.T.: 4.444 min  
Delta R.T.: 0.002 min  
Response: 2176442  
Conc: 15.60 ug/ml



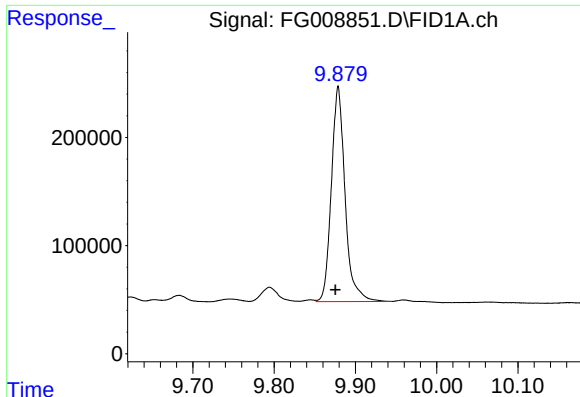
#3 N-DODECANE

R.T.: 6.471 min  
Delta R.T.: 0.003 min  
Response: 2220026  
Conc: 15.74 ug/ml



#4 N-TETRADECANE

R.T.: 8.273 min  
Delta R.T.: 0.003 min  
Response: 2222854  
Conc: 15.77 ug/ml



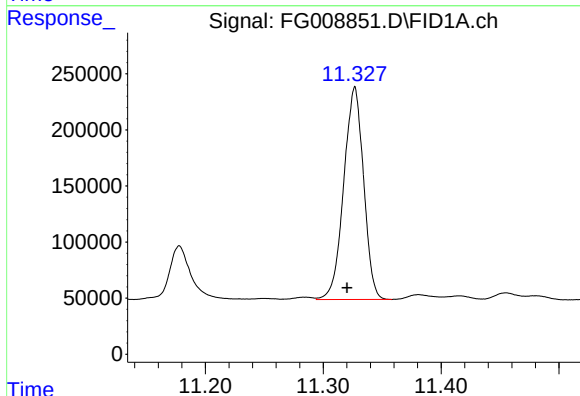
#5 N-HEXADECANE

R.T.: 9.879 min  
Delta R.T.: 0.004 min  
Response: 2328928  
Conc: 16.63 ug/ml

Instrument :  
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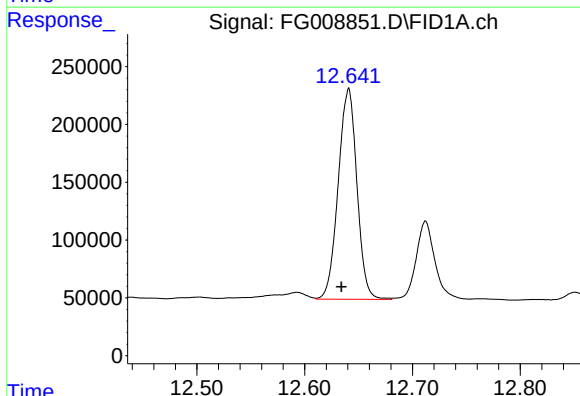
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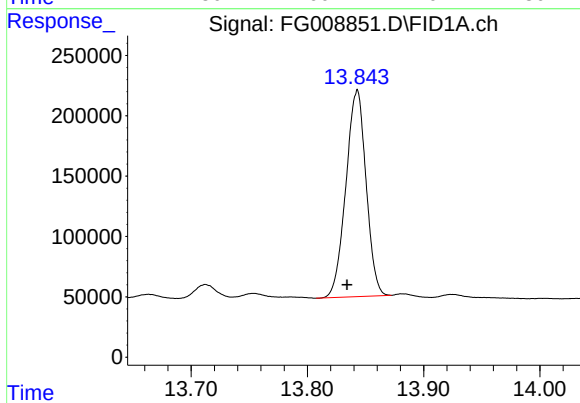
#6 N-OCTADECANE

R.T.: 11.327 min  
Delta R.T.: 0.007 min  
Response: 2219657  
Conc: 15.71 ug/ml



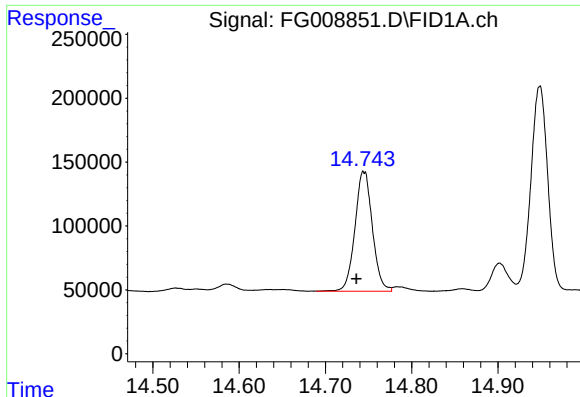
#7 N-EICOSANE

R.T.: 12.641 min  
Delta R.T.: 0.007 min  
Response: 2201038  
Conc: 15.78 ug/ml



#8 N-DOCOSANE

R.T.: 13.843 min  
Delta R.T.: 0.009 min  
Response: 2064212  
Conc: 15.30 ug/ml



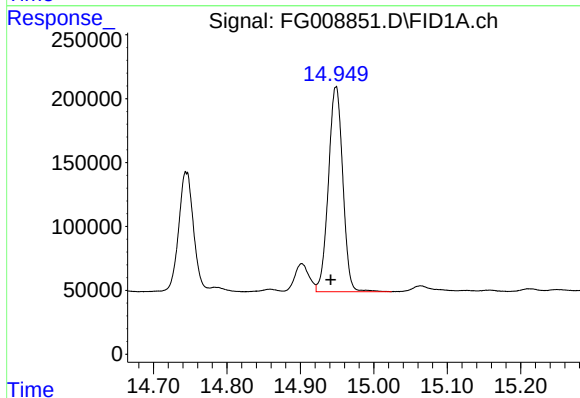
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.745 min  
Delta R.T.: 0.009 min  
Response: 1315250  
Conc: 11.39 ug/ml

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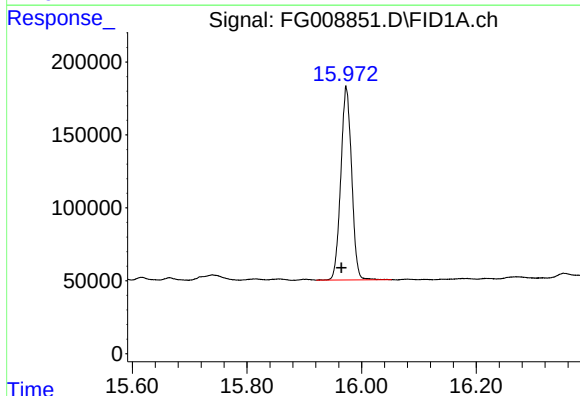
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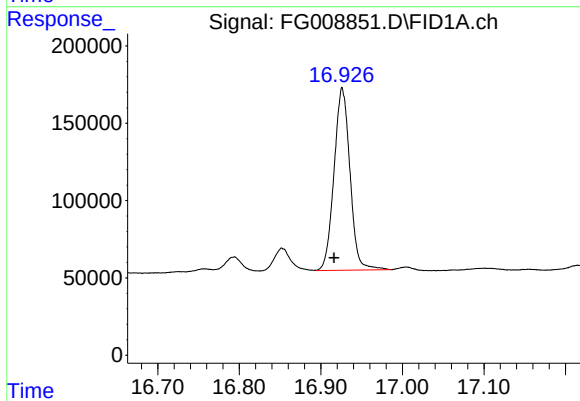
#10 N-TETRACOSANE

R.T.: 14.949 min  
Delta R.T.: 0.007 min  
Response: 2186259  
Conc: 16.65 ug/ml



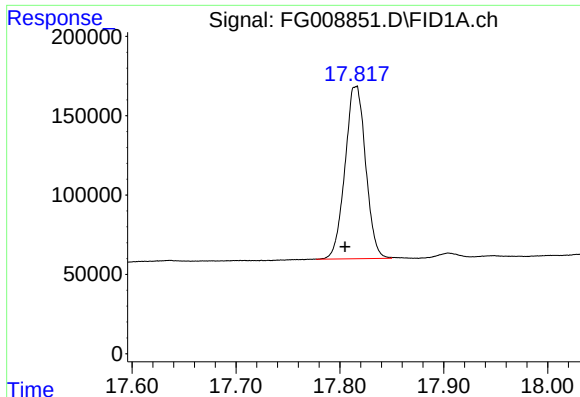
#11 N-HEXACOSANE

R.T.: 15.973 min  
Delta R.T.: 0.009 min  
Response: 1740810  
Conc: 13.91 ug/ml



#12 N-OCTACOSANE

R.T.: 16.926 min  
Delta R.T.: 0.010 min  
Response: 1607797  
Conc: 13.49 ug/ml



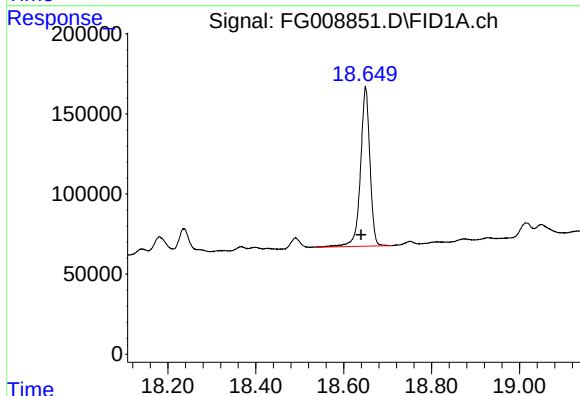
#13 N-TRIACONTANE

R.T.: 17.817 min  
Delta R.T.: 0.012 min  
Response: 1499572  
Conc: 13.22 ug/ml m

Instrument :  
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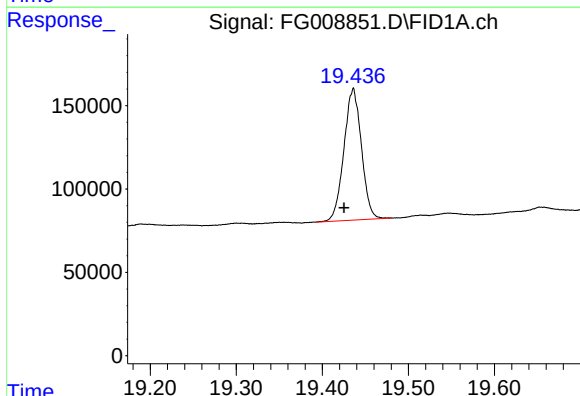
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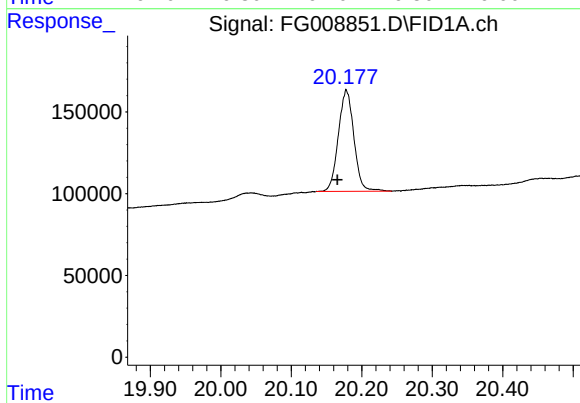
#14 N-DOTRIACONTANE

R.T.: 18.650 min  
Delta R.T.: 0.011 min  
Response: 1480130  
Conc: 13.95 ug/ml



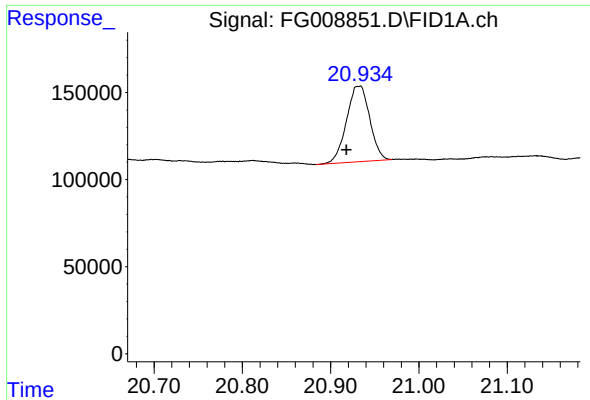
#15 N-TETRATRIACONTANE

R.T.: 19.436 min  
Delta R.T.: 0.011 min  
Response: 1117156  
Conc: 11.22 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.177 min  
Delta R.T.: 0.012 min  
Response: 951763  
Conc: 10.31 ug/ml m



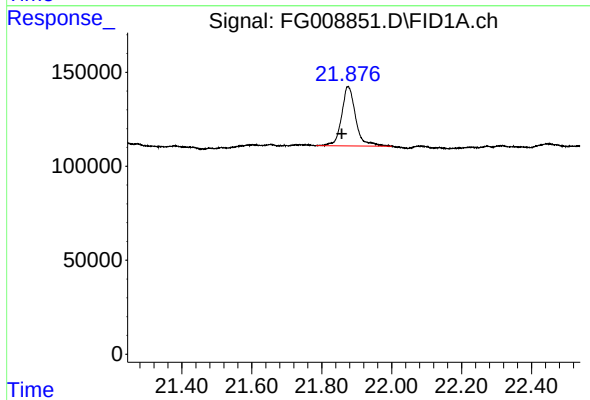
#17 N-OCTATRIACONTANE

R.T.: 20.932 min  
Delta R.T.: 0.014 min  
Response: 792515  
Conc: 9.03 ug/ml

Instrument :  
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#18 N-TETRACONTANE

R.T.: 21.875 min  
Delta R.T.: 0.018 min  
Response: 880061  
Conc: 9.88 ug/ml