

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG101221\  
 Data File : FG008852.D  
 Signal(s) : FID1A.ch  
 Acq On : 12 Oct 2021 14:00  
 Operator : AJ\MA  
 Sample : M4146-02MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: Oct 13 03:53:04 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... | 14.744 | 1356283  | 11.750 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.342  | 1917472  | 13.881 ug/ml  |
| 2) N-DECANE                   | 4.444  | 2173000  | 15.576 ug/ml  |
| 3) N-DODECANE                 | 6.472  | 2289291  | 16.235 ug/ml  |
| 4) N-TETRADECANE              | 8.273  | 2263109  | 16.054 ug/ml  |
| 5) N-HEXADECANE               | 9.879  | 2367055  | 16.903 ug/ml  |
| 6) N-OCTADECANE               | 11.326 | 2242604  | 15.869 ug/ml  |
| 7) N-EICOSANE                 | 12.640 | 2211902  | 15.860 ug/ml  |
| 8) N-DOCOSANE                 | 13.842 | 2130212  | 15.793 ug/mlm |
| 10) N-TETRACOSANE             | 14.949 | 2210487  | 16.835 ug/ml  |
| 11) N-HEXACOSANE              | 15.974 | 1763741  | 14.089 ug/ml  |
| 12) N-OCTACOSANE              | 16.927 | 1633943  | 13.712 ug/ml  |
| 13) N-TRIACONTANE             | 17.815 | 1514883  | 13.356 ug/mlm |
| 14) N-DOTRIACONTANE           | 18.652 | 1470942  | 13.867 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.436 | 1169189  | 11.739 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.176 | 922858   | 9.992 ug/mlm  |
| 17) N-OCTATRIACONTANE         | 20.931 | 1000057  | 11.393 ug/ml  |
| 18) N-TETRACONTANE            | 21.875 | 741027   | 8.322 ug/mlm  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 9 Sample Multiplier: 1

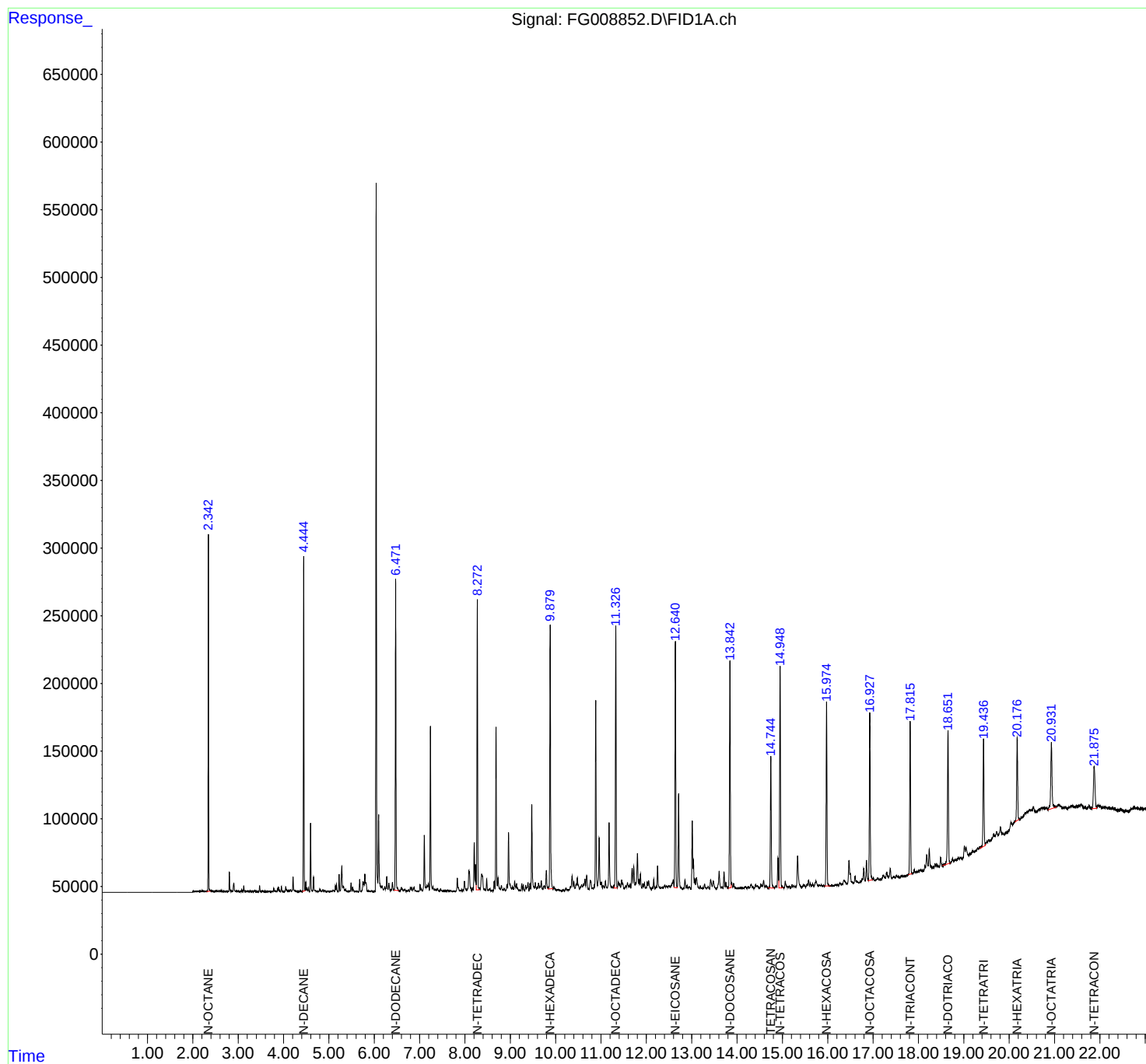
Instrument :  
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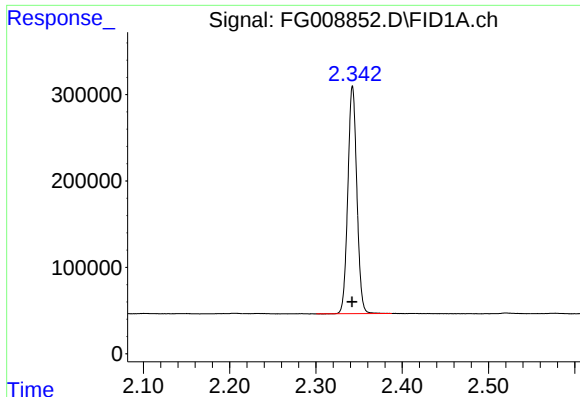
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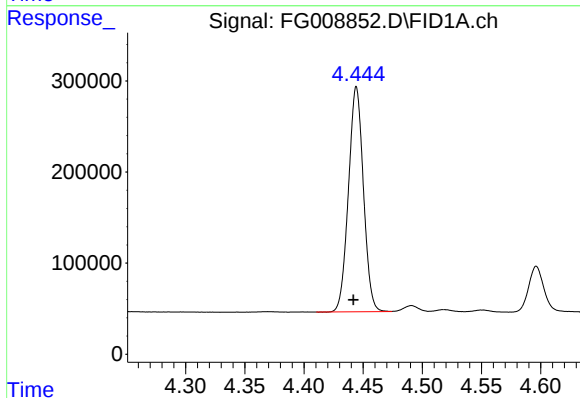
#1 N-OCTANE

R.T.: 2.342 min  
Delta R.T.: 0.000 min  
Response: 1917472  
Conc: 13.88 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
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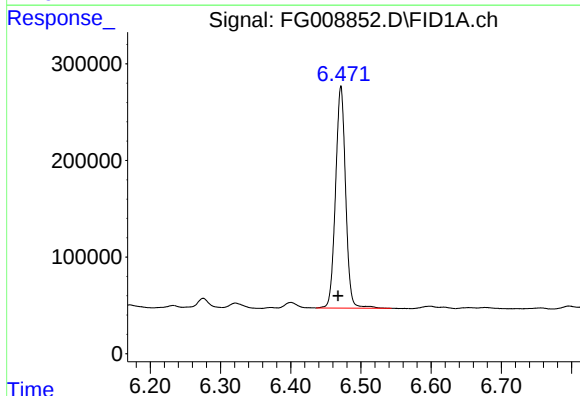
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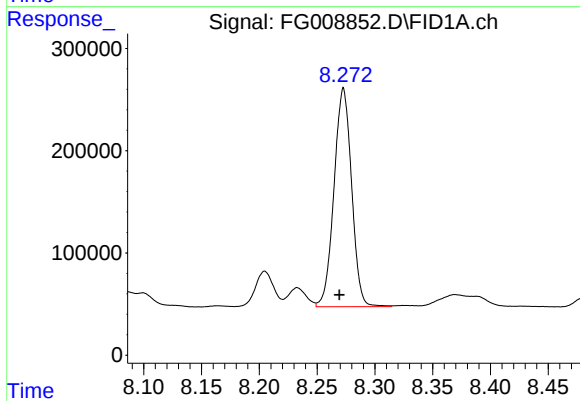
#2 N-DECANE

R.T.: 4.444 min  
Delta R.T.: 0.002 min  
Response: 2173000  
Conc: 15.58 ug/ml



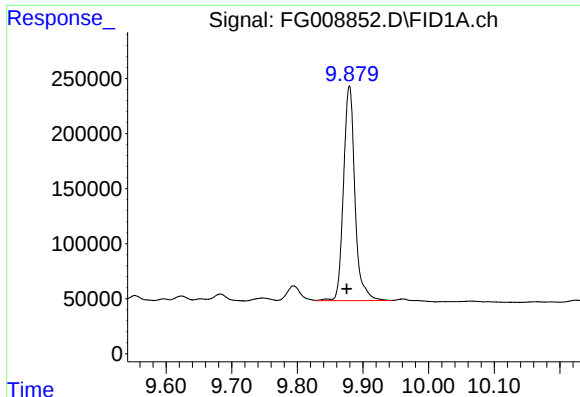
#3 N-DODECANE

R.T.: 6.472 min  
Delta R.T.: 0.004 min  
Response: 2289291  
Conc: 16.24 ug/ml



#4 N-TETRADECANE

R.T.: 8.273 min  
Delta R.T.: 0.004 min  
Response: 2263109  
Conc: 16.05 ug/ml



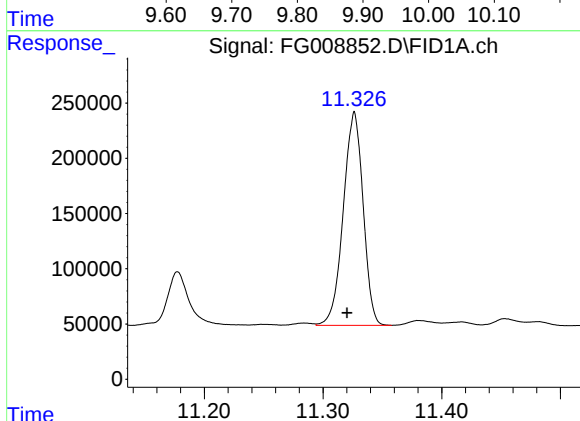
#5 N-HEXADECANE

R.T.: 9.879 min  
Delta R.T.: 0.004 min  
Response: 2367055  
Conc: 16.90 ug/ml

Instrument :  
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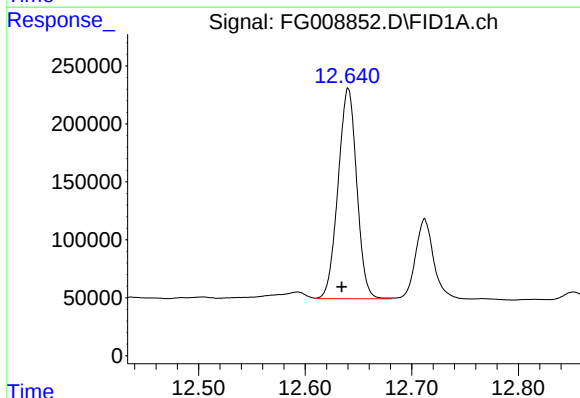
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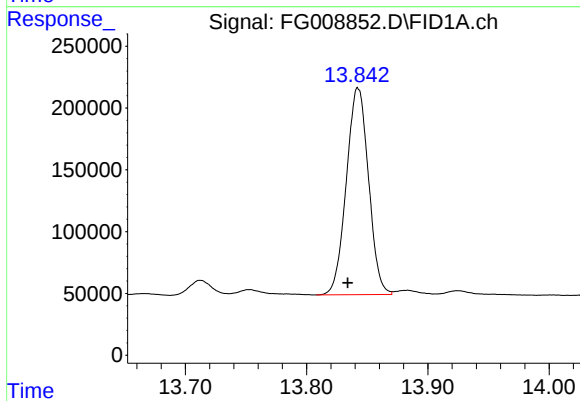
#6 N-OCTADECANE

R.T.: 11.326 min  
Delta R.T.: 0.006 min  
Response: 2242604  
Conc: 15.87 ug/ml



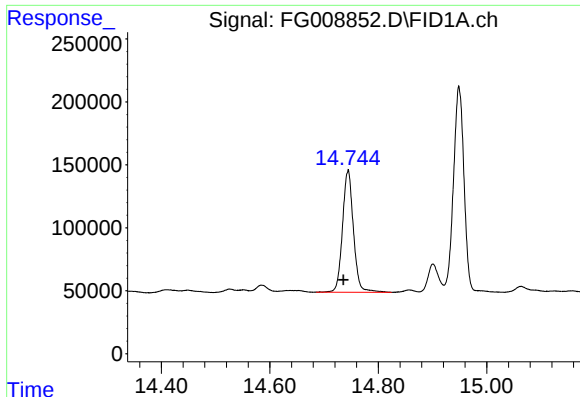
#7 N-EICOSANE

R.T.: 12.640 min  
Delta R.T.: 0.006 min  
Response: 2211902  
Conc: 15.86 ug/ml



#8 N-DOCOSANE

R.T.: 13.842 min  
Delta R.T.: 0.008 min  
Response: 2130212  
Conc: 15.79 ug/ml m



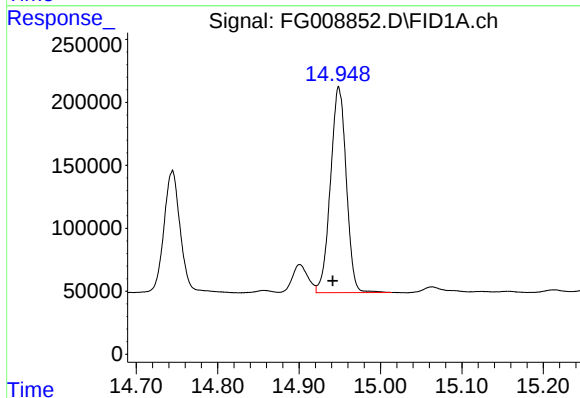
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.744 min  
Delta R.T.: 0.009 min  
Response: 1356283  
Conc: 11.75 ug/ml

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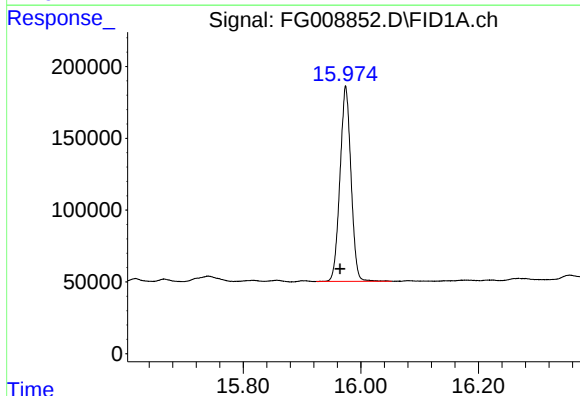
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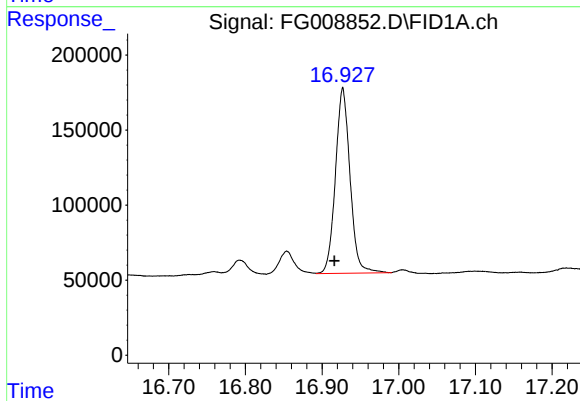
#10 N-TETRACOSANE

R.T.: 14.949 min  
Delta R.T.: 0.007 min  
Response: 2210487  
Conc: 16.83 ug/ml



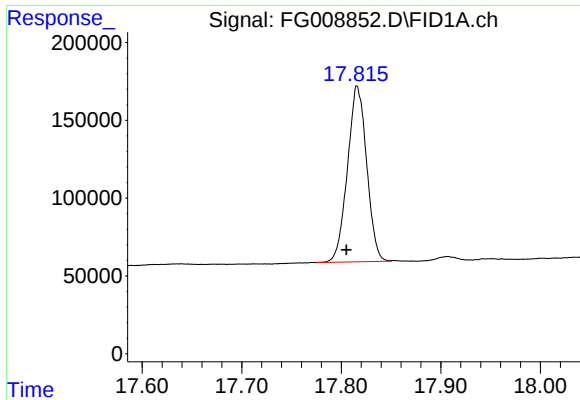
#11 N-HEXACOSANE

R.T.: 15.974 min  
Delta R.T.: 0.010 min  
Response: 1763741  
Conc: 14.09 ug/ml



#12 N-OCTACOSANE

R.T.: 16.927 min  
Delta R.T.: 0.011 min  
Response: 1633943  
Conc: 13.71 ug/ml



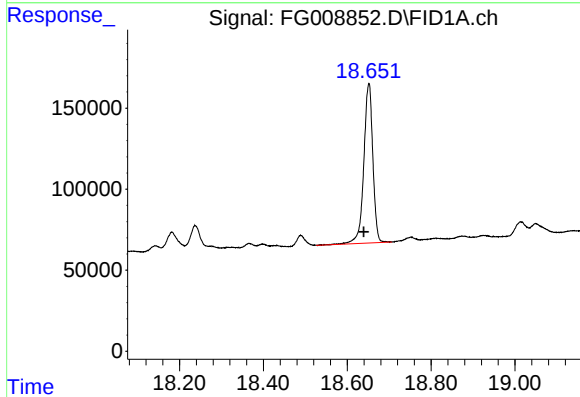
#13 N-TRIACONTANE

R.T.: 17.815 min  
Delta R.T.: 0.010 min  
Response: 1514883  
Conc: 13.36 ug/ml m

Instrument :  
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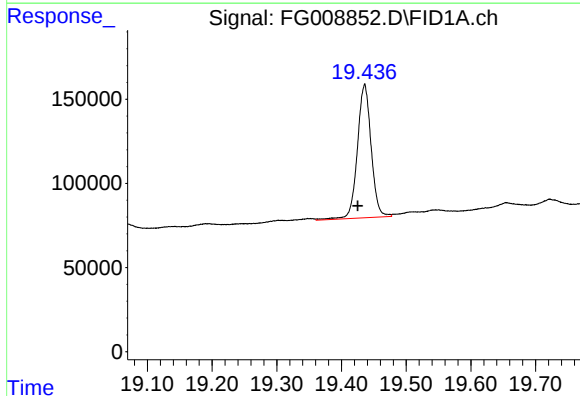
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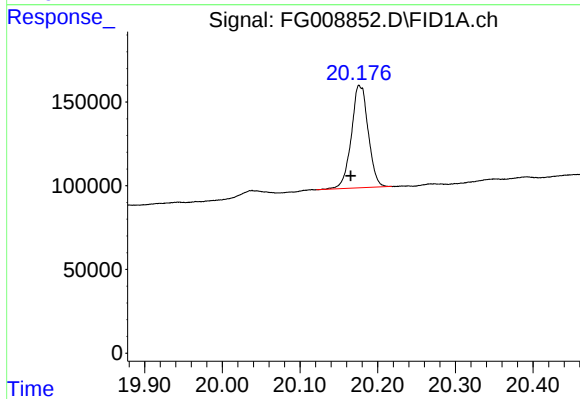
#14 N-DOTRIACONTANE

R.T.: 18.652 min  
Delta R.T.: 0.013 min  
Response: 1470942  
Conc: 13.87 ug/ml



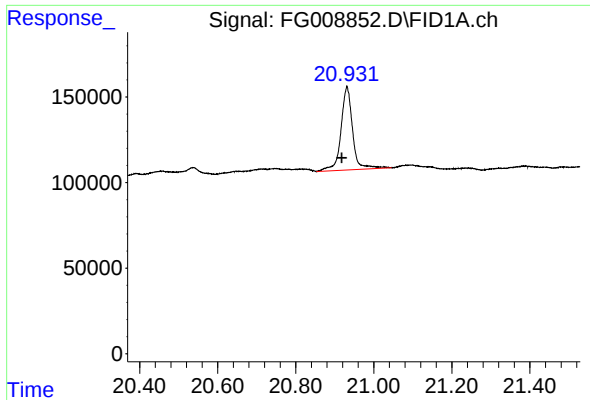
#15 N-TETRATRIACONTANE

R.T.: 19.436 min  
Delta R.T.: 0.011 min  
Response: 1169189  
Conc: 11.74 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.176 min  
Delta R.T.: 0.011 min  
Response: 922858  
Conc: 9.99 ug/ml m



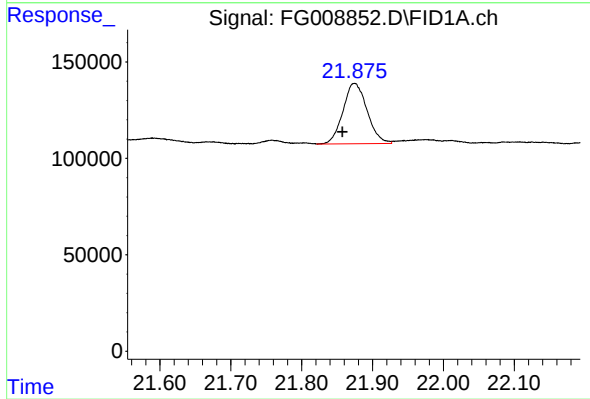
#17 N-OCTATRIACONTANE

R.T.: 20.931 min  
Delta R.T.: 0.014 min  
Response: 1000057  
Conc: 11.39 ug/ml

Instrument :  
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#18 N-TETRACONTANE

R.T.: 21.875 min  
Delta R.T.: 0.017 min  
Response: 741027  
Conc: 8.32 ug/ml m