

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG120220\  
 Data File : FG007400.D  
 Signal(s) : FID1A.ch  
 Acq On : 02 Dec 2020 22:45  
 Operator : DD\AJ  
 Sample : 5 TRPH STD  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 5 TRPH STD

Manual Integrations  
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 12/3/2020 9:12:03 AM

Integration File: autoint1.e  
 Quant Time: Dec 03 00:44:39 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG120220.M  
 Quant Title :  
 QLast Update : Thu Dec 03 00:42:51 2020  
 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... | 14.734 | 604648   | 4.745 ug/ml  |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.334  | 703312   | 4.822 ug/ml  |
| 2) N-DECANE                   | 4.437  | 710013   | 4.794 ug/ml  |
| 3) N-DODECANE                 | 6.464  | 712035   | 4.763 ug/ml  |
| 4) N-TETRADECANE              | 8.266  | 712202   | 4.729 ug/ml  |
| 5) N-HEXADECANE               | 9.871  | 713978   | 4.759 ug/ml  |
| 6) N-OCTADECANE               | 11.318 | 725112   | 4.774 ug/ml  |
| 7) N-EICOSANE                 | 12.632 | 723142   | 4.796 ug/ml  |
| 8) N-DOCOSANE                 | 13.832 | 705029   | 4.781 ug/ml  |
| 10) N-TETRACOSANE             | 14.939 | 702390   | 4.789 ug/ml  |
| 11) N-HEXACOSANE              | 15.964 | 685420   | 4.802 ug/ml  |
| 12) N-OCTACOSANE              | 16.913 | 666357   | 4.843 ug/ml  |
| 13) N-TRIACONTANE             | 17.803 | 644095   | 4.998 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.638 | 575878   | 5.142 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.421 | 445130   | 5.029 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.165 | 346116   | 5.216 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.918 | 282747   | 5.043 ug/ml  |
| 18) N-TETRACONTANE            | 21.862 | 262433   | 4.910 ug/mlm |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ  
Sample : 5 TRPH STD  
Misc :  
ALS Vial : 62 Sample Multiplier: 1

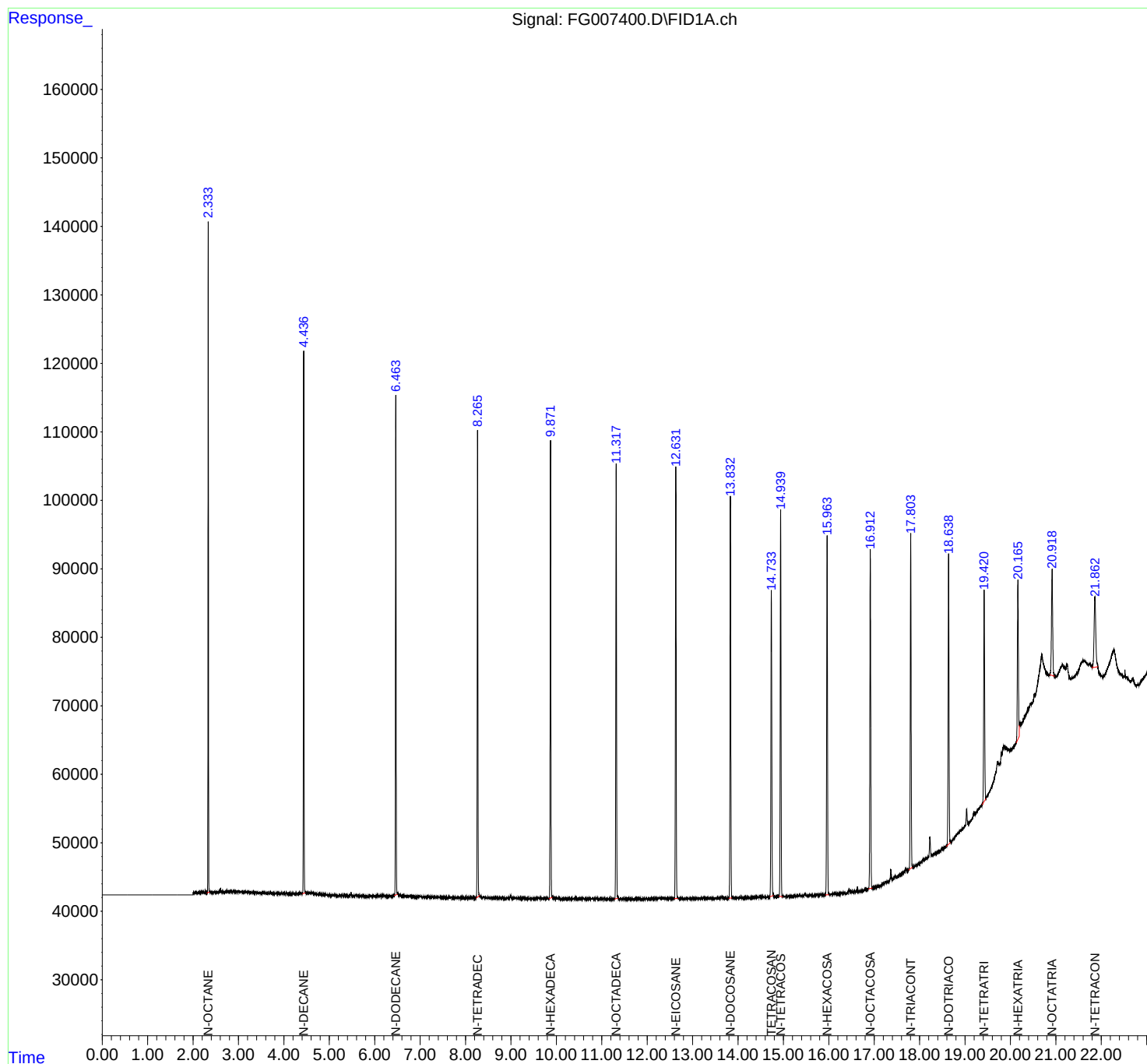
Instrument :  
FID\_G  
ClientSampleId :  
5 TRPH STD

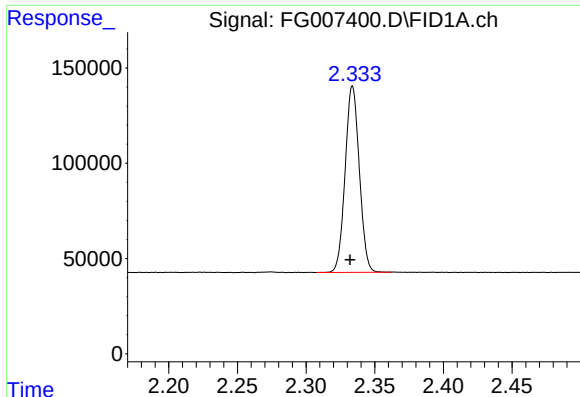
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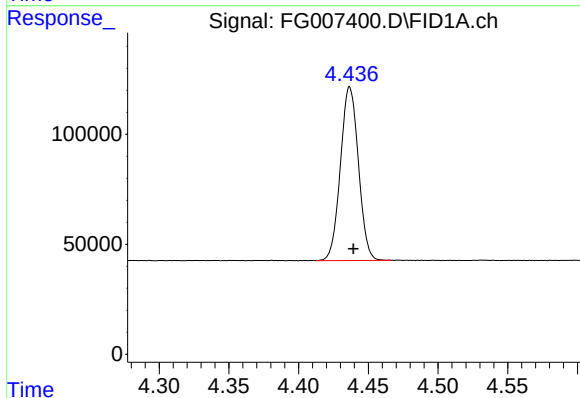
#1 N-OCTANE

R.T.: 2.334 min  
Delta R.T.: 0.002 min  
Response: 703312  
Conc: 4.82 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 TRPH STD

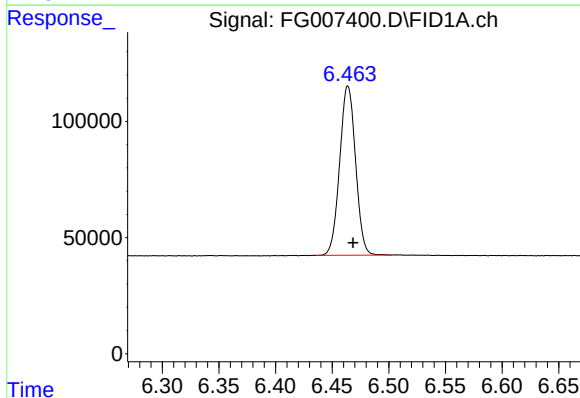
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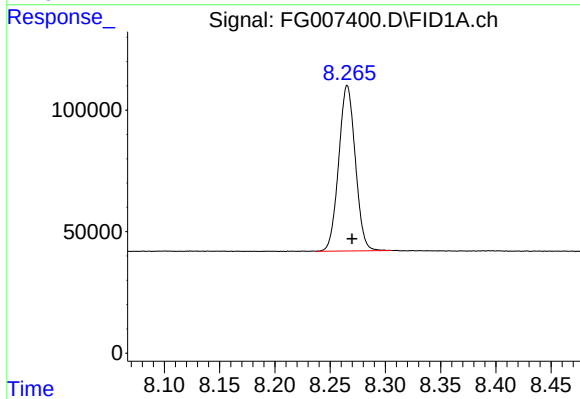
#2 N-DECANE

R.T.: 4.437 min  
Delta R.T.: -0.002 min  
Response: 710013  
Conc: 4.79 ug/ml



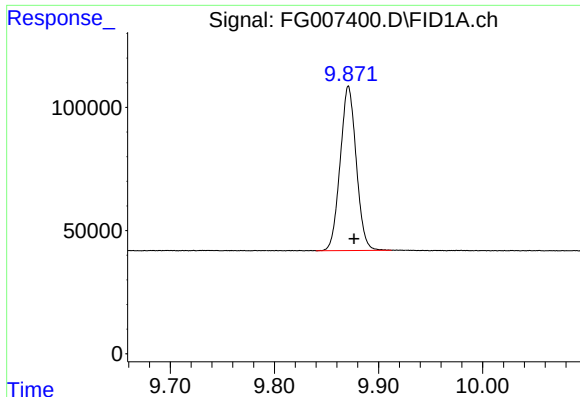
#3 N-DODECANE

R.T.: 6.464 min  
Delta R.T.: -0.005 min  
Response: 712035  
Conc: 4.76 ug/ml



#4 N-TETRADECANE

R.T.: 8.266 min  
Delta R.T.: -0.004 min  
Response: 712202  
Conc: 4.73 ug/ml



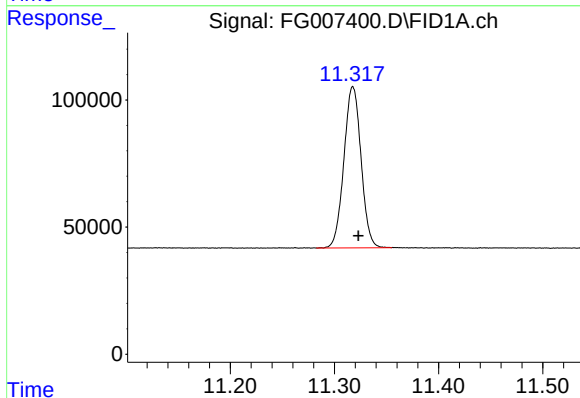
#5 N-HEXADECANE

R.T.: 9.871 min  
Delta R.T.: -0.005 min  
Response: 713978  
Conc: 4.76 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 TRPH STD

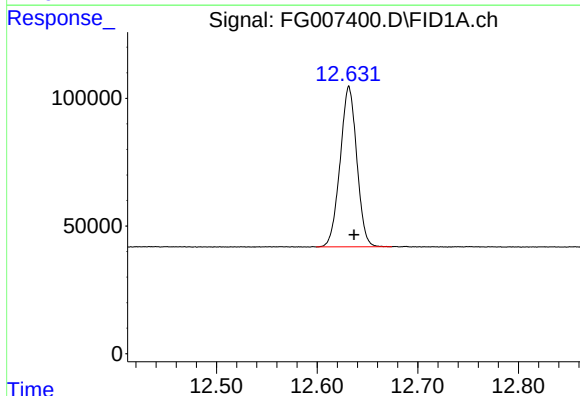
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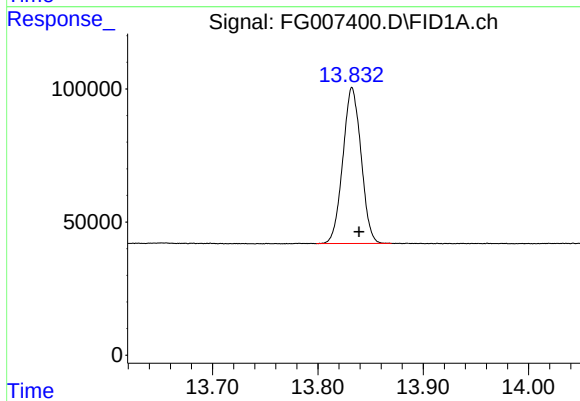
#6 N-OCTADECANE

R.T.: 11.318 min  
Delta R.T.: -0.005 min  
Response: 725112  
Conc: 4.77 ug/ml



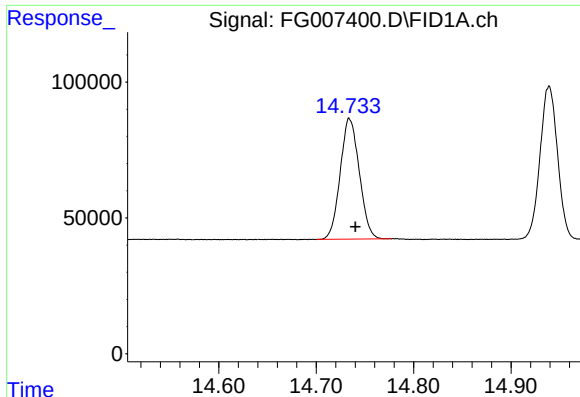
#7 N-EICOSANE

R.T.: 12.632 min  
Delta R.T.: -0.005 min  
Response: 723142  
Conc: 4.80 ug/ml



#8 N-DOCOSANE

R.T.: 13.832 min  
Delta R.T.: -0.007 min  
Response: 705029  
Conc: 4.78 ug/ml



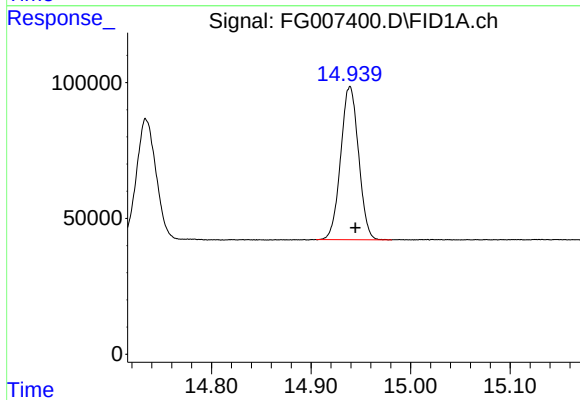
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.734 min  
Delta R.T.: -0.006 min  
Response: 604648  
Conc: 4.74 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 TRPH STD

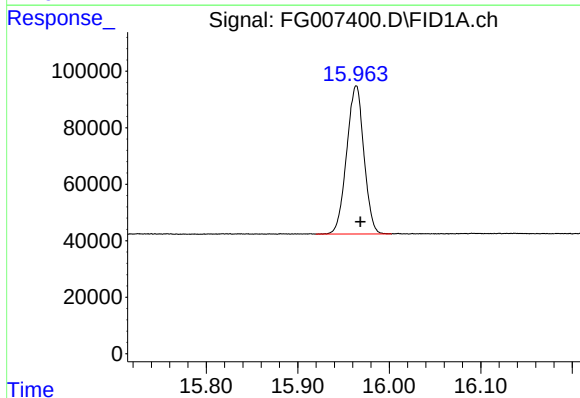
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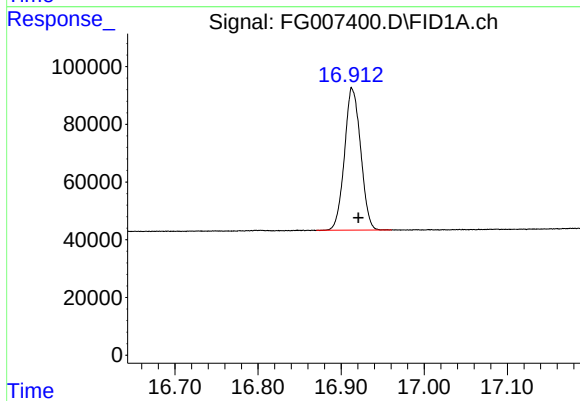
#10 N-TETRACOSANE

R.T.: 14.939 min  
Delta R.T.: -0.005 min  
Response: 702390  
Conc: 4.79 ug/ml



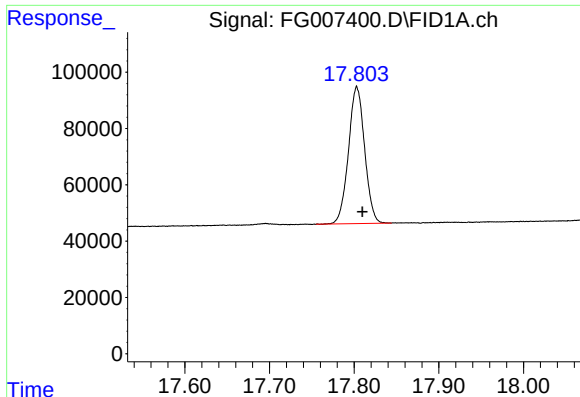
#11 N-HEXACOSANE

R.T.: 15.964 min  
Delta R.T.: -0.004 min  
Response: 685420  
Conc: 4.80 ug/ml



#12 N-OCTACOSANE

R.T.: 16.913 min  
Delta R.T.: -0.007 min  
Response: 666357  
Conc: 4.84 ug/ml



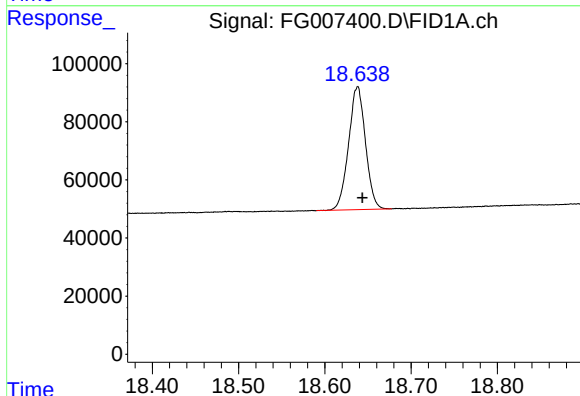
#13 N-TRIACONTANE

R.T.: 17.803 min  
Delta R.T.: -0.007 min  
Response: 644095  
Conc: 5.00 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 TRPH STD

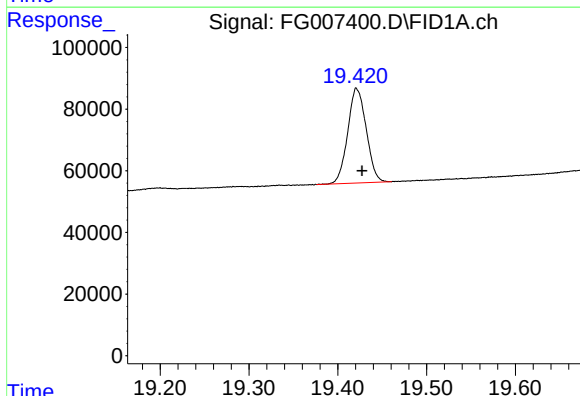
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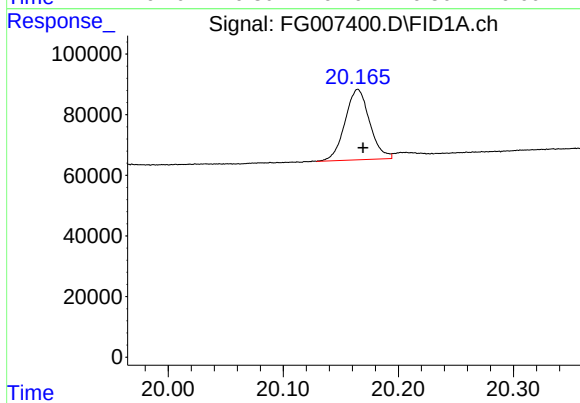
#14 N-DOTRIACONTANE

R.T.: 18.638 min  
Delta R.T.: -0.006 min  
Response: 575878  
Conc: 5.14 ug/ml



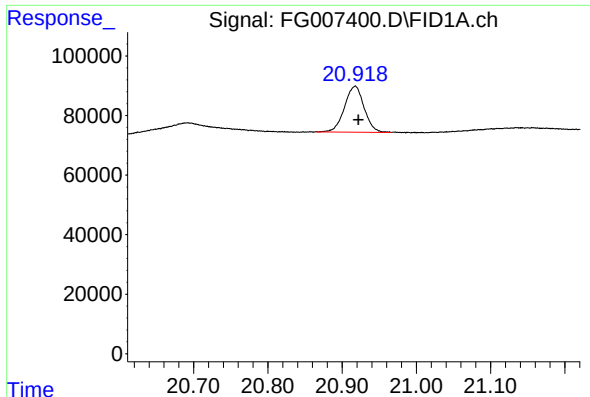
#15 N-TETRATRIACONTANE

R.T.: 19.421 min  
Delta R.T.: -0.006 min  
Response: 445130  
Conc: 5.03 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.165 min  
Delta R.T.: -0.004 min  
Response: 346116  
Conc: 5.22 ug/ml m



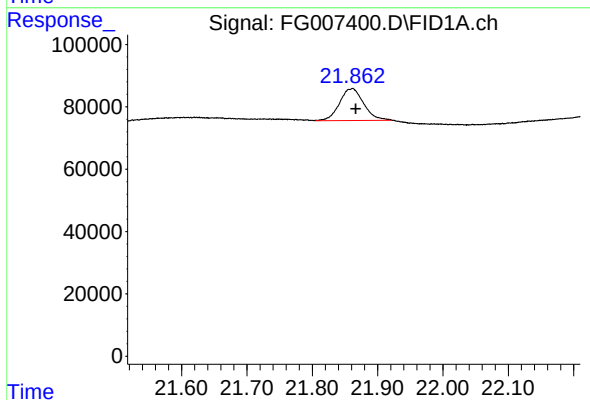
#17 N-OCTATRIACONTANE

R.T.: 20.918 min  
Delta R.T.: -0.004 min  
Response: 282747  
Conc: 5.04 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 TRPH STD

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#18 N-TETRACONTANE

R.T.: 21.862 min  
Delta R.T.: -0.004 min  
Response: 262433  
Conc: 4.91 ug/ml m