

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG041522\  
 Data File : FG009643.D  
 Signal(s) : FID1A.ch  
 Acq On : 15 Apr 2022 18:09  
 Operator : AJ\MA  
 Sample : N2349-13MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 DEL-7MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/17/2022  
 Supervised By :mohammad ahmed 05/17/2022

Integration File: autoint1.e  
 Quant Time: Apr 18 09:10:14 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG040122.M  
 Quant Title :  
 QLast Update : Fri Apr 08 10:19:35 2022  
 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... | 14.654 | 288537   | 2.240 ug/mlm  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.217  | 1361643  | 9.320 ug/ml   |
| 2) N-DECANE                   | 4.324  | 1531425  | 10.314 ug/ml  |
| 3) N-DODECANE                 | 6.355  | 1911849  | 12.685 ug/ml  |
| 4) N-TETRADECANE              | 8.155  | 2130139  | 13.906 ug/ml  |
| 5) N-HEXADECANE               | 9.772  | 590893   | 3.829 ug/mlm  |
| 6) N-OCTADECANE               | 11.249 | 1231128  | 7.825 ug/mlm  |
| 7) N-EICOSANE                 | 12.572 | 5256921  | 34.709 ug/mlm |
| 8) N-DOCOSANE                 | 13.750 | 356487   | 2.416 ug/mlm  |
| 10) N-TETRACOSANE             | 14.852 | 425058   | 2.965 ug/mlm  |
| 11) N-HEXACOSANE              | 15.888 | 1916011  | 13.948 ug/mlm |
| 12) N-OCTACOSANE              | 16.838 | 487353   | 3.734 ug/mlm  |
| 13) N-TRIACONTANE             | 17.734 | 1644435  | 13.317 ug/mlm |
| 14) N-DOTRIACONTANE           | 18.567 | 1742004  | 15.007 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.361 | 1420275  | 13.357 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.097 | 663286   | 7.005 ug/mlm  |
| 17) N-OCTATRIACONTANE         | 20.845 | 572765   | 6.651 ug/mlm  |
| 18) N-TETRACONTANE            | 21.720 | 532829   | 6.174 ug/mlm  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA  
Sample : N2349-13MSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

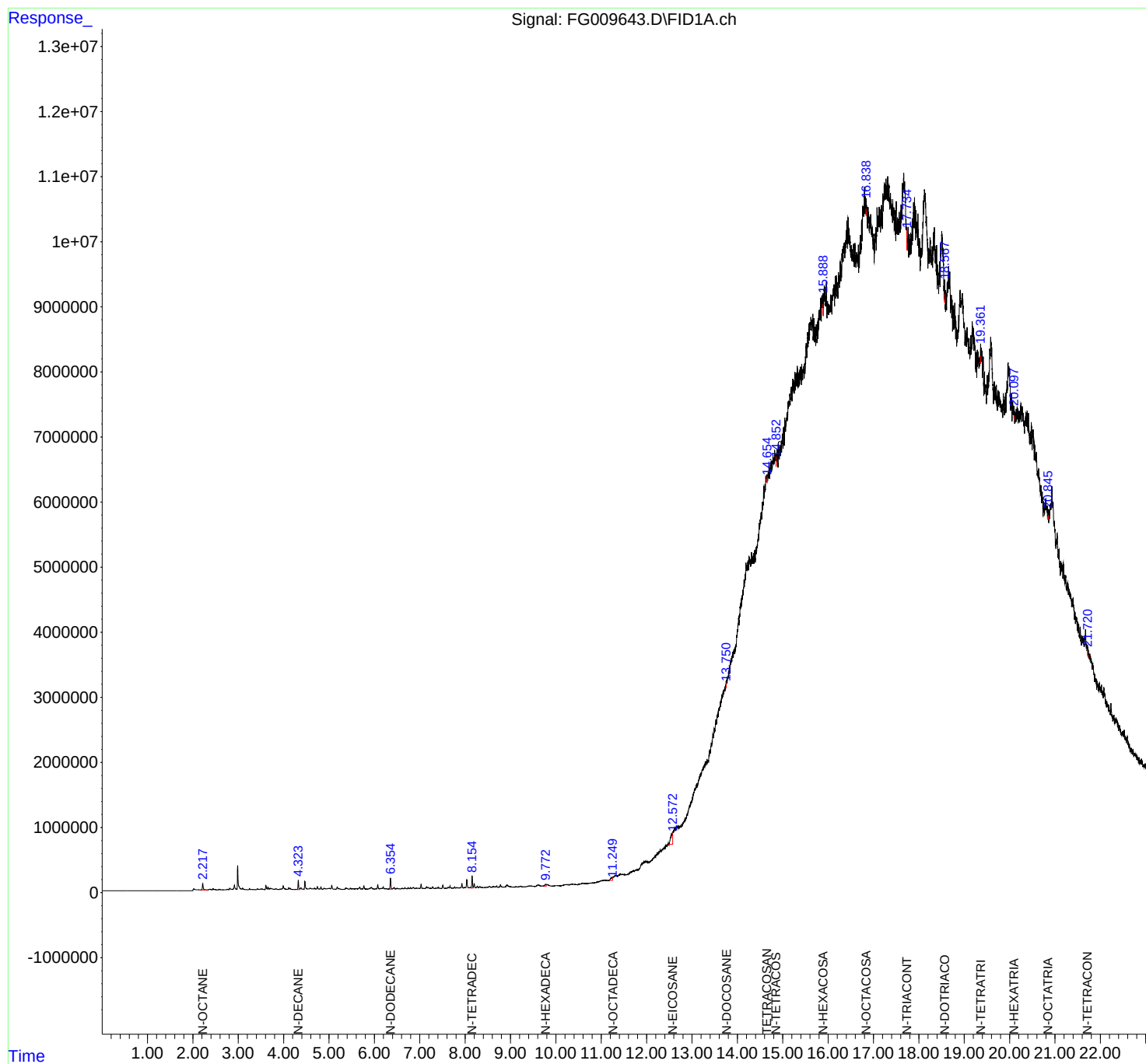
Instrument :  
FID\_G  
ClientSampleId :  
DEL-7MSD

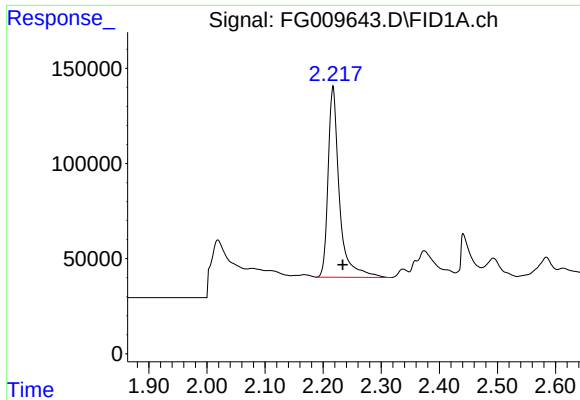
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Signal Info : 20mx0.18mmx0.18um





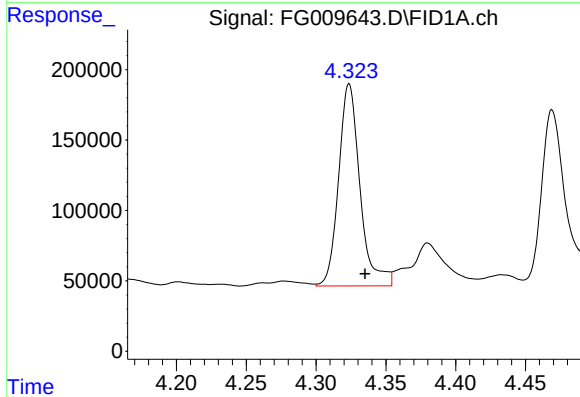
#1 N-OCTANE

R.T.: 2.217 min  
Delta R.T.: -0.017 min  
Response: 1361643  
Conc: 9.32 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
DEL-7MSD

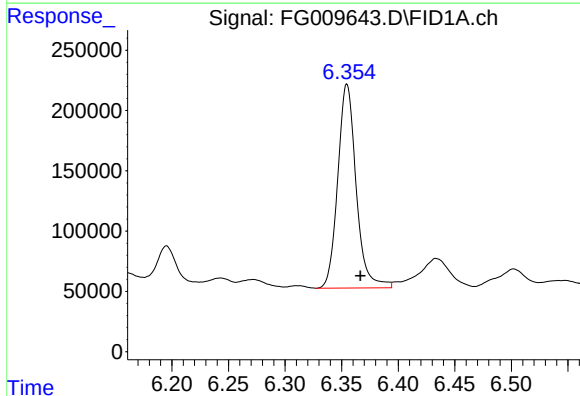
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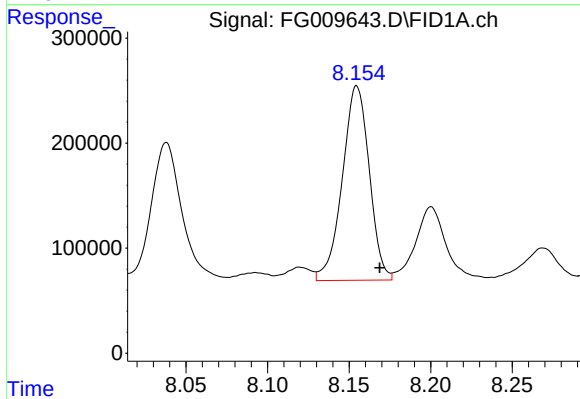
#2 N-DECANE

R.T.: 4.324 min  
Delta R.T.: -0.011 min  
Response: 1531425  
Conc: 10.31 ug/ml



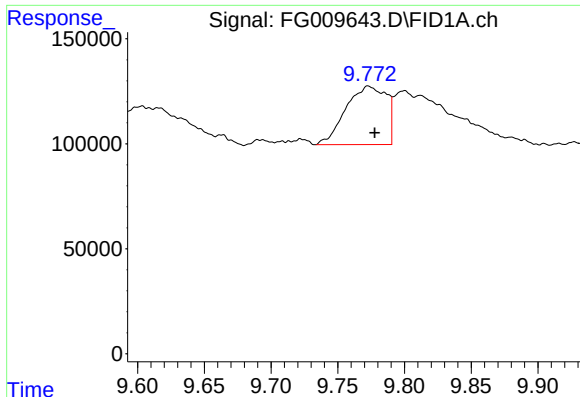
#3 N-DODECANE

R.T.: 6.355 min  
Delta R.T.: -0.012 min  
Response: 1911849  
Conc: 12.69 ug/ml



#4 N-TETRADECANE

R.T.: 8.155 min  
Delta R.T.: -0.014 min  
Response: 2130139  
Conc: 13.91 ug/ml



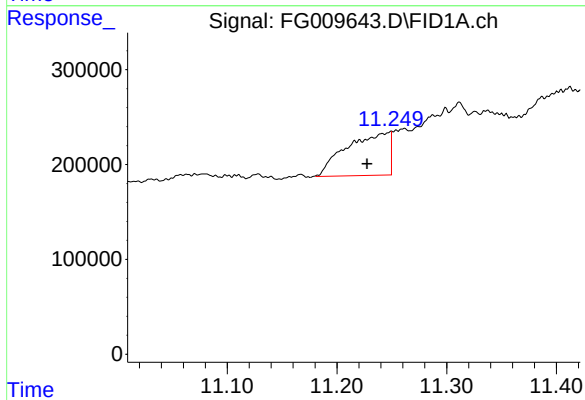
#5 N-HEXADECANE

R.T.: 9.772 min  
Delta R.T.: -0.006 min  
Response: 590893  
Conc: 3.83 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
DEL-7MSD

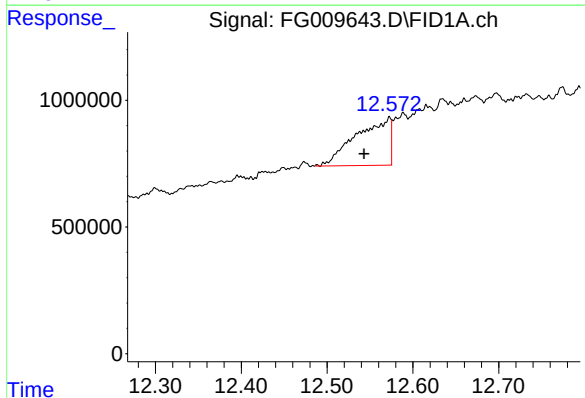
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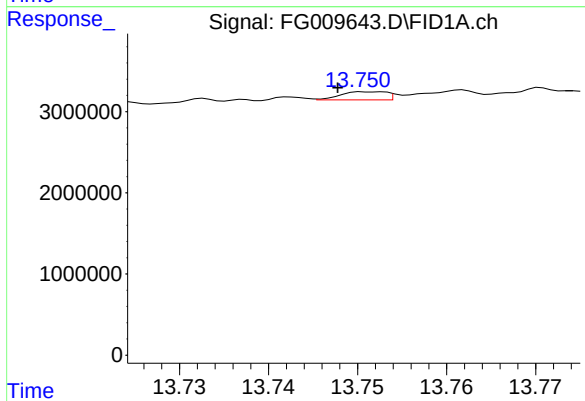
#6 N-OCTADECANE

R.T.: 11.249 min  
Delta R.T.: 0.022 min  
Response: 1231128  
Conc: 7.82 ug/ml m



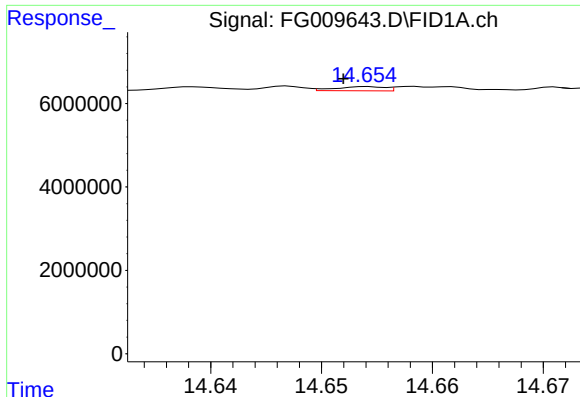
#7 N-EICOSANE

R.T.: 12.572 min  
Delta R.T.: 0.029 min  
Response: 5256921  
Conc: 34.71 ug/ml m



#8 N-DOCOSANE

R.T.: 13.750 min  
Delta R.T.: 0.002 min  
Response: 356487  
Conc: 2.42 ug/ml m



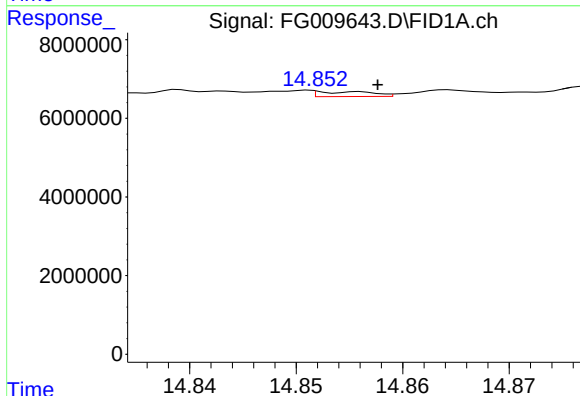
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.654 min  
Delta R.T.: 0.002 min  
Response: 288537  
Conc: 2.24 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
DEL-7MSD

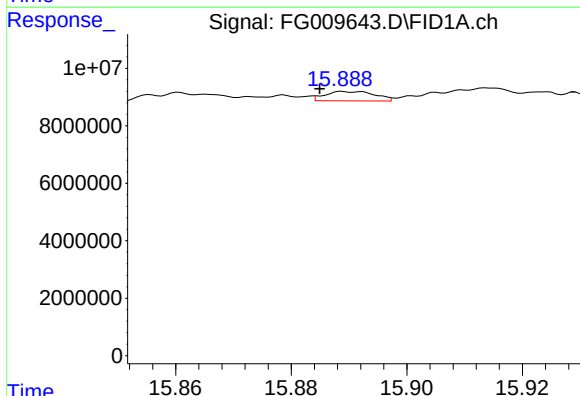
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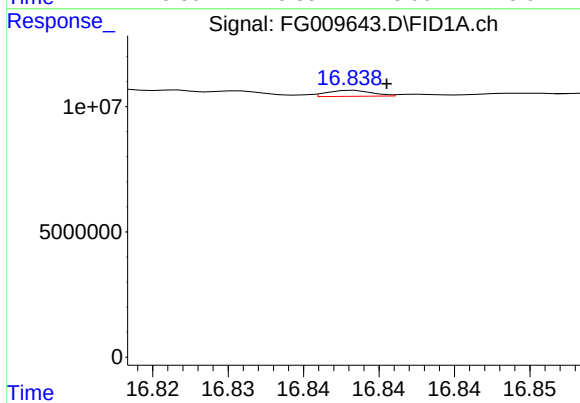
#10 N-TETRACOSANE

R.T.: 14.852 min  
Delta R.T.: -0.006 min  
Response: 425058  
Conc: 2.97 ug/ml m



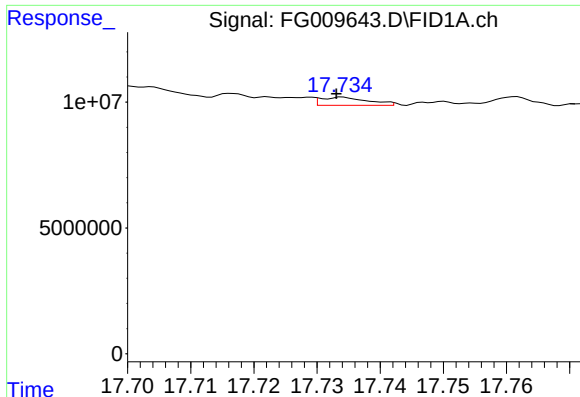
#11 N-HEXACOSANE

R.T.: 15.888 min  
Delta R.T.: 0.004 min  
Response: 1916011  
Conc: 13.95 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.838 min  
Delta R.T.: -0.002 min  
Response: 487353  
Conc: 3.73 ug/ml m



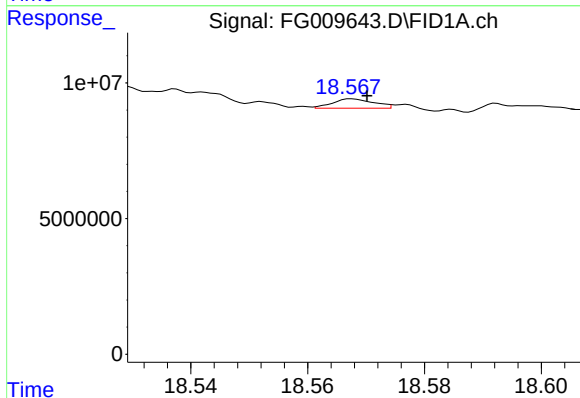
#13 N-TRIACONTANE

R.T.: 17.734 min  
Delta R.T.: 0.000 min  
Response: 1644435  
Conc: 13.32 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
DEL-7MSD

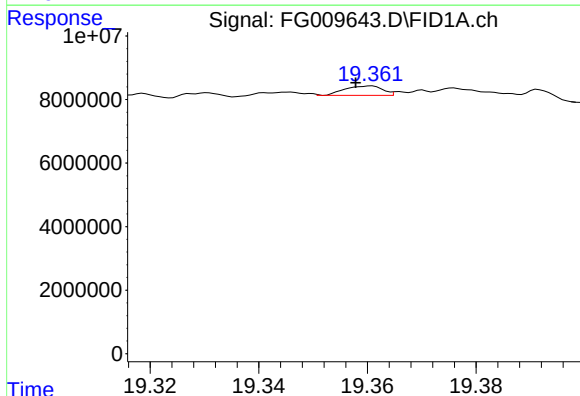
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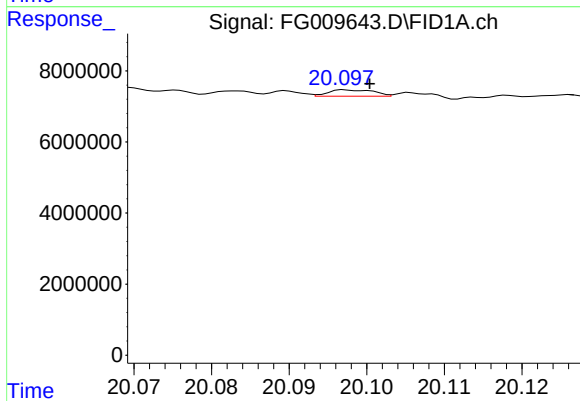
#14 N-DOTRIACONTANE

R.T.: 18.567 min  
Delta R.T.: -0.003 min  
Response: 1742004  
Conc: 15.01 ug/ml m



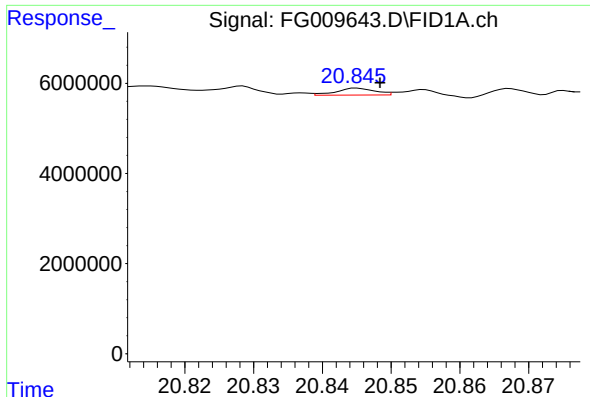
#15 N-TETRATRIACONTANE

R.T.: 19.361 min  
Delta R.T.: 0.003 min  
Response: 1420275  
Conc: 13.36 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.097 min  
Delta R.T.: -0.004 min  
Response: 663286  
Conc: 7.00 ug/ml m



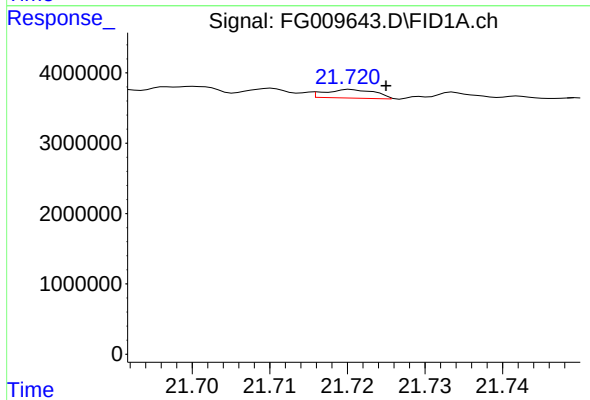
#17 N-OCTATRIACONTANE

R.T.: 20.845 min  
Delta R.T.: -0.004 min  
Response: 572765  
Conc: 6.65 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
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#18 N-TETRACONTANE

R.T.: 21.720 min  
Delta R.T.: -0.005 min  
Response: 532829  
Conc: 6.17 ug/ml m