

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG101221\  
 Data File : FG008858.D  
 Signal(s) : FID1A.ch  
 Acq On : 12 Oct 2021 17:05  
 Operator : AJ\MA  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 50 PPM TRPH STD

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: Oct 13 03:54:54 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... | 14.746 | 5359759  | 46.434 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.340  | 6823446  | 49.395 ug/ml  |
| 2) N-DECANE                   | 4.445  | 7041657  | 50.474 ug/ml  |
| 3) N-DODECANE                 | 6.473  | 7103985  | 50.381 ug/ml  |
| 4) N-TETRADECANE              | 8.275  | 7085554  | 50.262 ug/ml  |
| 5) N-HEXADECANE               | 9.881  | 6962538  | 49.719 ug/ml  |
| 6) N-OCTADECANE               | 11.327 | 6910317  | 48.897 ug/ml  |
| 7) N-EICOSANE                 | 12.641 | 6696349  | 48.015 ug/ml  |
| 8) N-DOCOSANE                 | 13.844 | 6334957  | 46.967 ug/ml  |
| 10) N-TETRACOSANE             | 14.951 | 6052607  | 46.095 ug/ml  |
| 11) N-HEXACOSANE              | 15.976 | 5702418  | 45.552 ug/ml  |
| 12) N-OCTACOSANE              | 16.927 | 5448927  | 45.726 ug/ml  |
| 13) N-TRIACONTANE             | 17.817 | 5356650  | 47.227 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.653 | 5482491  | 51.686 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.437 | 6037026  | 60.615 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.179 | 6464271  | 69.993 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.935 | 6641649  | 75.663 ug/ml  |
| 18) N-TETRACONTANE            | 21.881 | 6864728  | 77.093 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 3 Sample Multiplier: 1

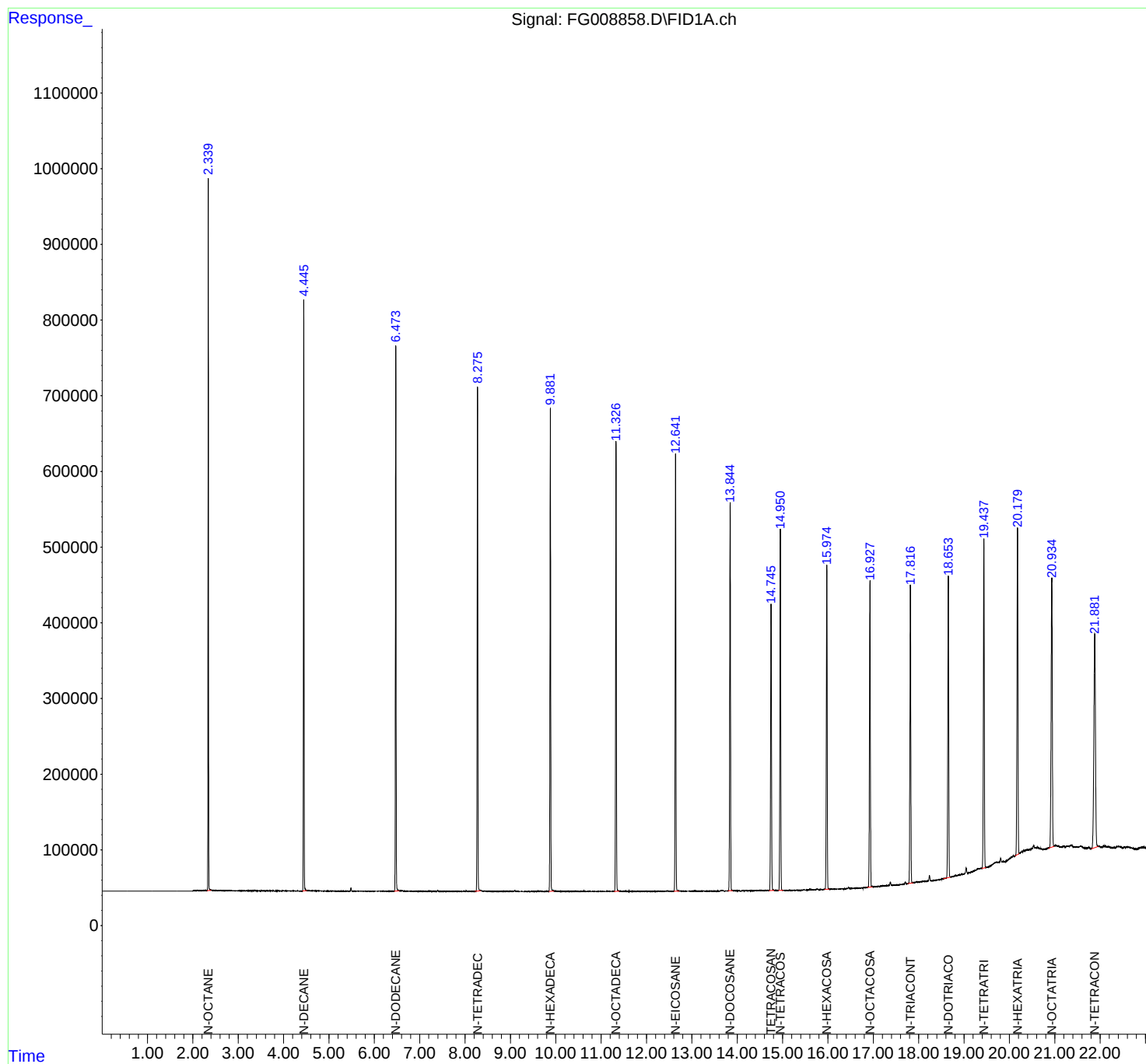
Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

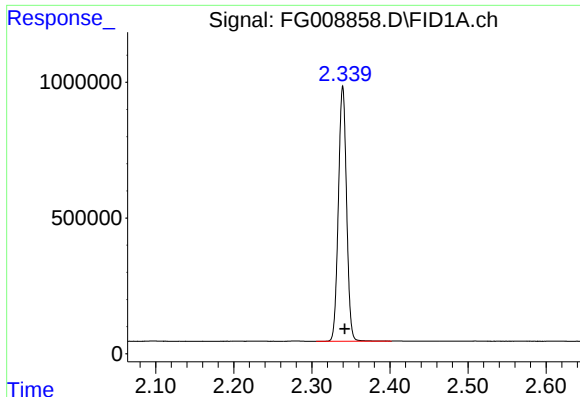
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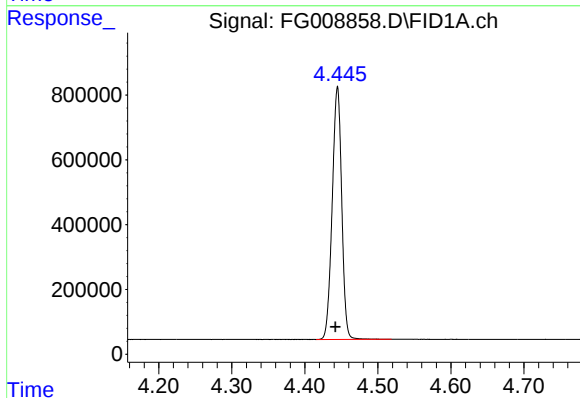
#1 N-OCTANE

R.T.: 2.340 min  
Delta R.T.: -0.002 min  
Response: 6823446  
Conc: 49.40 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

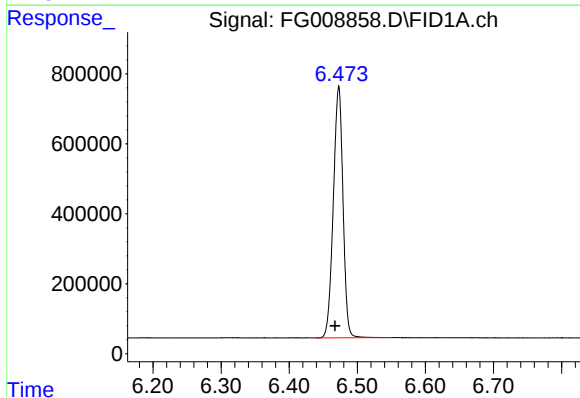
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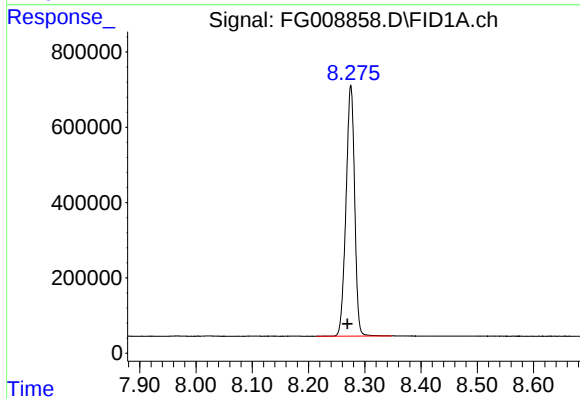
#2 N-DECANE

R.T.: 4.445 min  
Delta R.T.: 0.003 min  
Response: 7041657  
Conc: 50.47 ug/ml



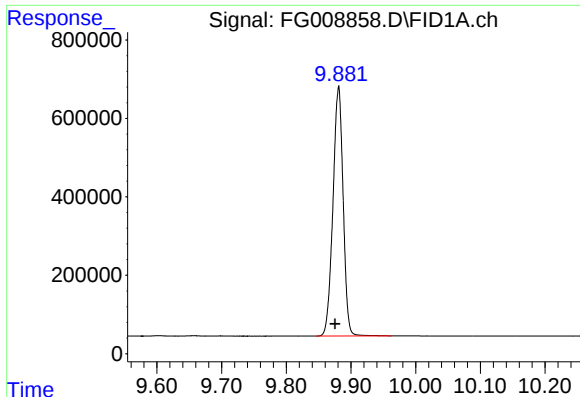
#3 N-DODECANE

R.T.: 6.473 min  
Delta R.T.: 0.005 min  
Response: 7103985  
Conc: 50.38 ug/ml



#4 N-TETRADECANE

R.T.: 8.275 min  
Delta R.T.: 0.006 min  
Response: 7085554  
Conc: 50.26 ug/ml



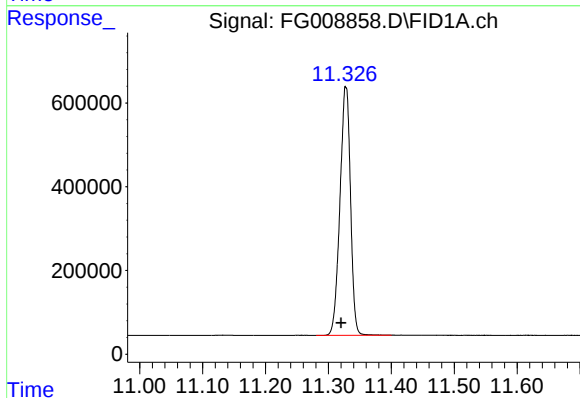
#5 N-HEXADECANE

R.T.: 9.881 min  
Delta R.T.: 0.006 min  
Response: 6962538  
Conc: 49.72 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

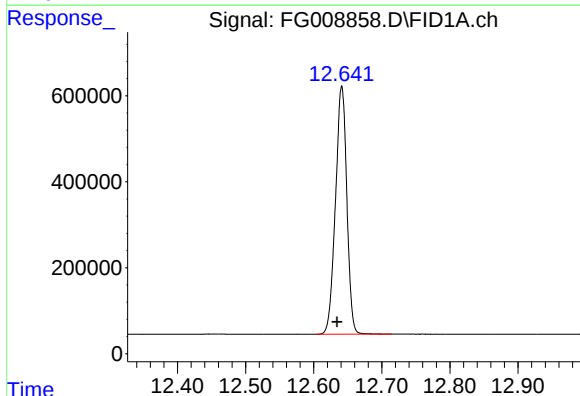
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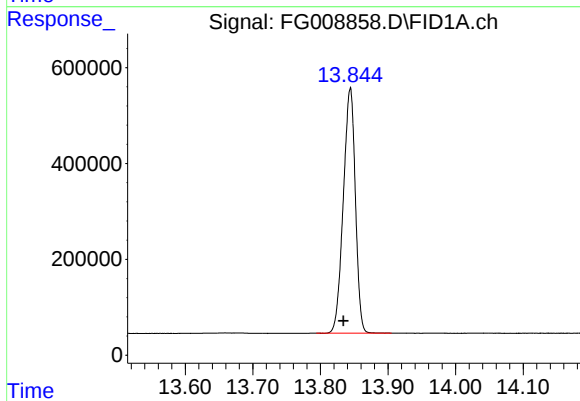
#6 N-OCTADECANE

R.T.: 11.327 min  
Delta R.T.: 0.007 min  
Response: 6910317  
Conc: 48.90 ug/ml



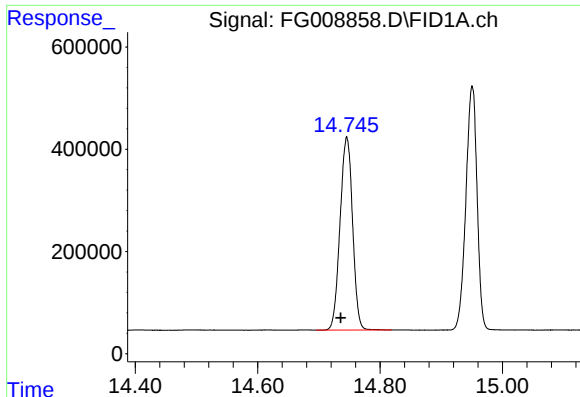
#7 N-EICOSANE

R.T.: 12.641 min  
Delta R.T.: 0.007 min  
Response: 6696349  
Conc: 48.02 ug/ml



#8 N-DOCOSANE

R.T.: 13.844 min  
Delta R.T.: 0.010 min  
Response: 6334957  
Conc: 46.97 ug/ml



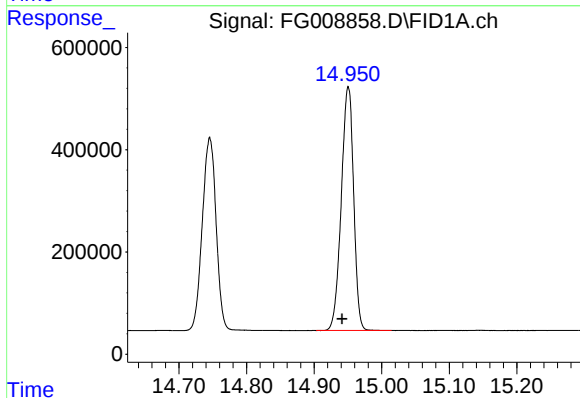
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.746 min  
Delta R.T.: 0.010 min  
Response: 5359759  
Conc: 46.43 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

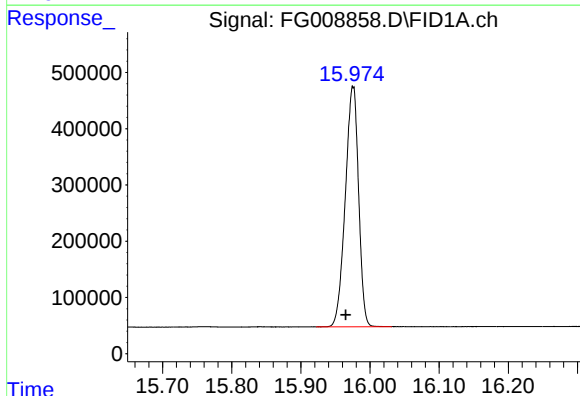
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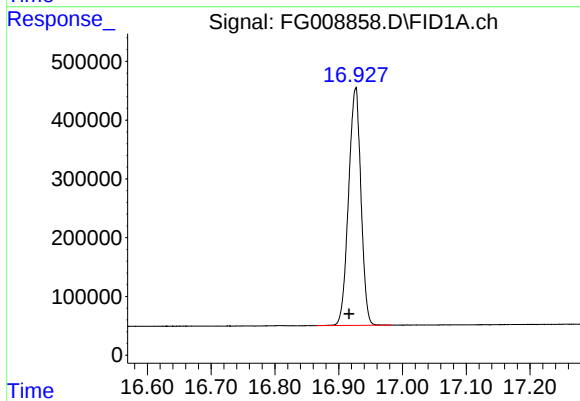
#10 N-TETRACOSANE

R.T.: 14.951 min  
Delta R.T.: 0.009 min  
Response: 6052607  
Conc: 46.10 ug/ml



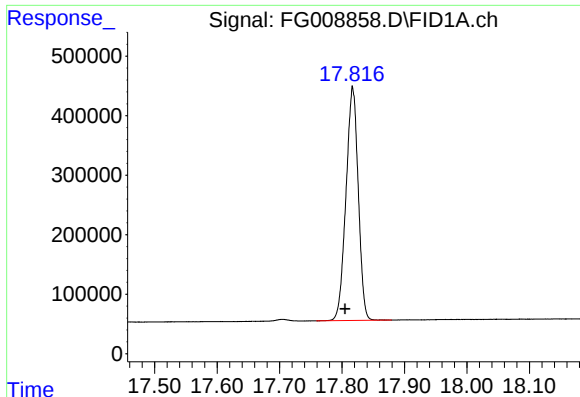
#11 N-HEXACOSANE

R.T.: 15.976 min  
Delta R.T.: 0.011 min  
Response: 5702418  
Conc: 45.55 ug/ml



#12 N-OCTACOSANE

R.T.: 16.927 min  
Delta R.T.: 0.010 min  
Response: 5448927  
Conc: 45.73 ug/ml



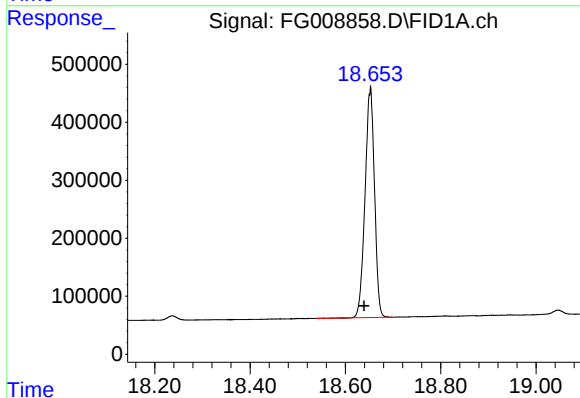
#13 N-TRIACONTANE

R.T.: 17.817 min  
Delta R.T.: 0.012 min  
Response: 5356650  
Conc: 47.23 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

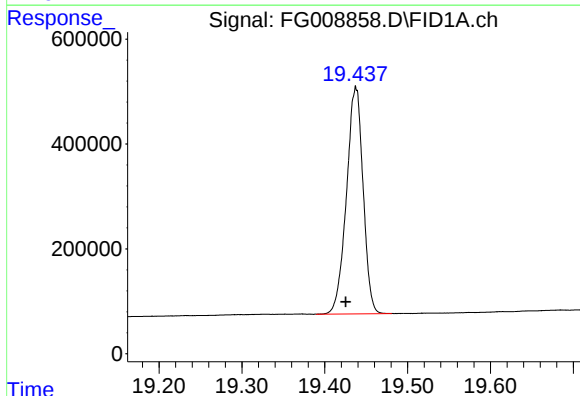
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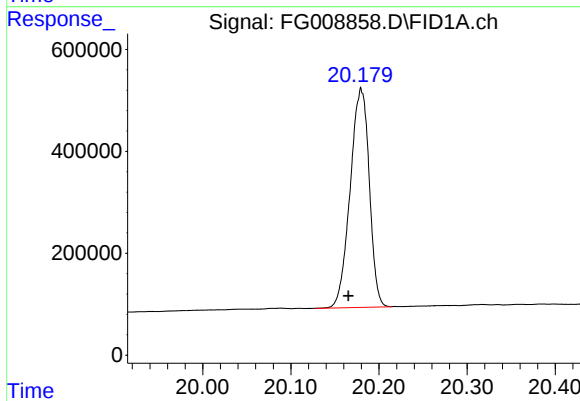
#14 N-DOTRIACONTANE

R.T.: 18.653 min  
Delta R.T.: 0.013 min  
Response: 5482491  
Conc: 51.69 ug/ml



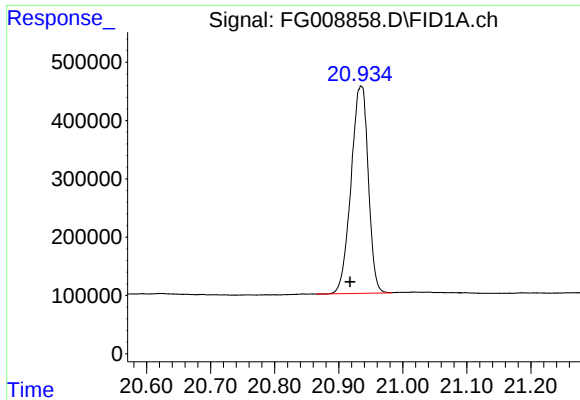
#15 N-TETRATRIACONTANE

R.T.: 19.437 min  
Delta R.T.: 0.012 min  
Response: 6037026  
Conc: 60.62 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.179 min  
Delta R.T.: 0.014 min  
Response: 6464271  
Conc: 69.99 ug/ml m



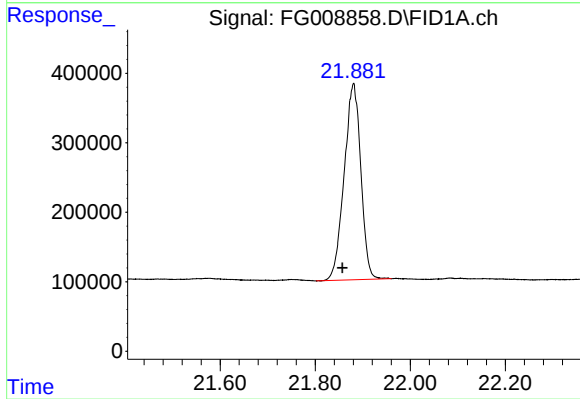
#17 N-OCTATRIACONTANE

R.T.: 20.935 min  
Delta R.T.: 0.017 min  
Response: 6641649  
Conc: 75.66 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

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#18 N-TETRACONTANE

R.T.: 21.881 min  
Delta R.T.: 0.023 min  
Response: 6864728  
Conc: 77.09 ug/ml