

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG060424\  
 Data File : FG013862.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Jun 2024 12:17  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 50 PPM TRPH STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/05/2024  
 Supervised By :Ankita Jodhani 06/05/2024

Integration File: autoint1.e  
 Quant Time: Jun 05 03:38:54 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG052824.M  
 Quant Title :  
 QLast Update : Tue May 28 12:12:14 2024  
 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... | 14.974 | 6367741  | 57.782 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 1.981  | 6766241  | 56.323 ug/ml  |
| 2) N-DECANE                   | 4.491  | 7313454  | 60.108 ug/ml  |
| 3) N-DODECANE                 | 6.666  | 7390495  | 59.502 ug/ml  |
| 4) N-TETRADECANE              | 8.498  | 7435120  | 58.329 ug/ml  |
| 5) N-HEXADECANE               | 10.110 | 7519636  | 58.889 ug/ml  |
| 6) N-OCTADECANE               | 11.556 | 7584449  | 58.884 ug/ml  |
| 7) N-EICOSANE                 | 12.870 | 7437373  | 57.627 ug/ml  |
| 8) N-DOCOSANE                 | 14.072 | 7260232  | 58.278 ug/ml  |
| 10) N-TETRACOSANE             | 15.179 | 7214560  | 58.492 ug/ml  |
| 11) N-HEXACOSANE              | 16.202 | 7076124  | 58.262 ug/ml  |
| 12) N-OCTACOSANE              | 17.154 | 6967500  | 58.798 ug/ml  |
| 13) N-TRIACONTANE             | 18.044 | 6747889  | 57.453 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.878 | 6191693  | 55.081 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.663 | 5524769  | 53.723 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.403 | 4812407  | 54.063 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.140 | 4430633  | 56.285 ug/mlm |
| 18) N-TETRACONTANE            | 22.046 | 4258476  | 65.212 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 3 Sample Multiplier: 1

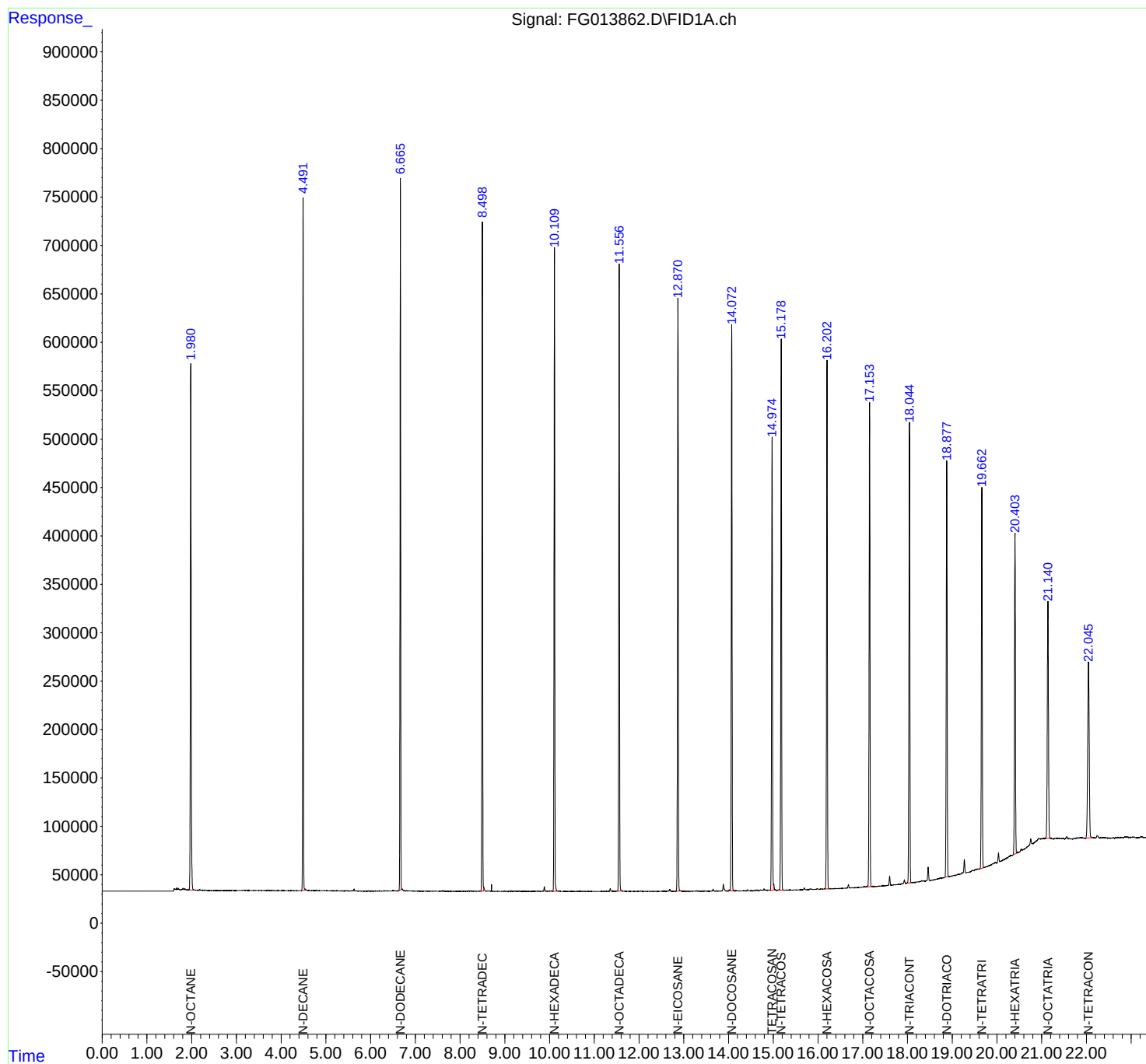
Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

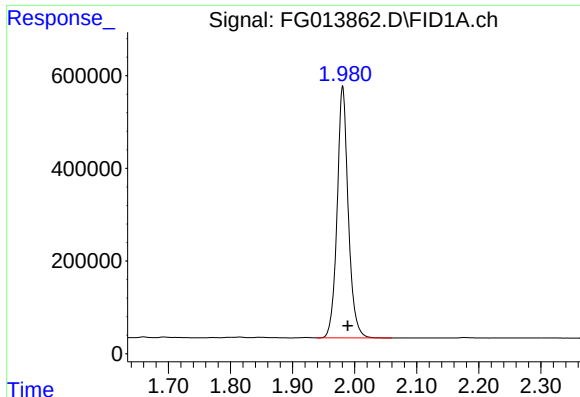
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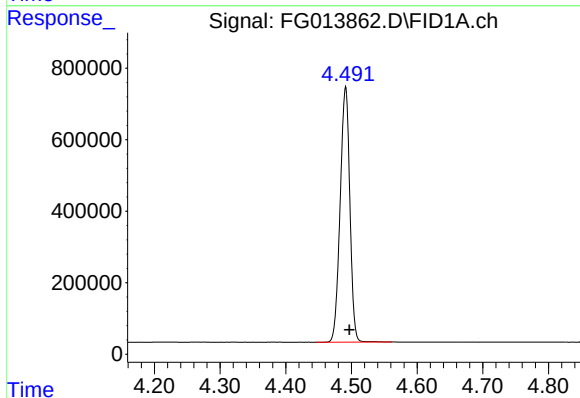
#1 N-OCTANE

R.T.: 1.981 min  
Delta R.T.: -0.008 min  
Response: 6766241  
Conc: 56.32 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

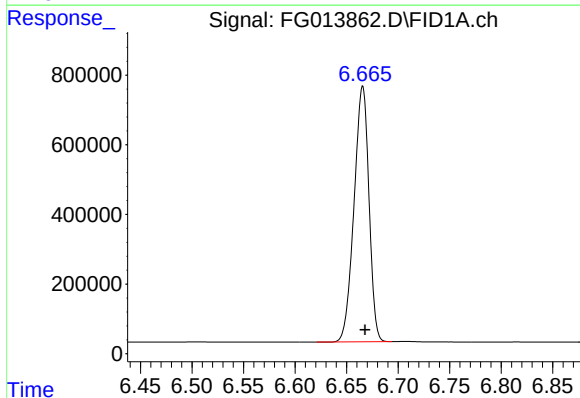
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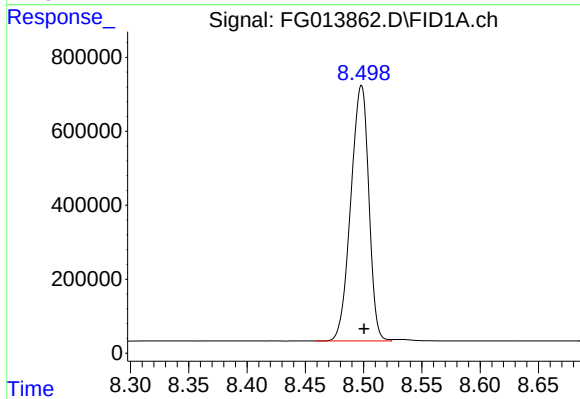
#2 N-DECANE

R.T.: 4.491 min  
Delta R.T.: -0.006 min  
Response: 7313454  
Conc: 60.11 ug/ml



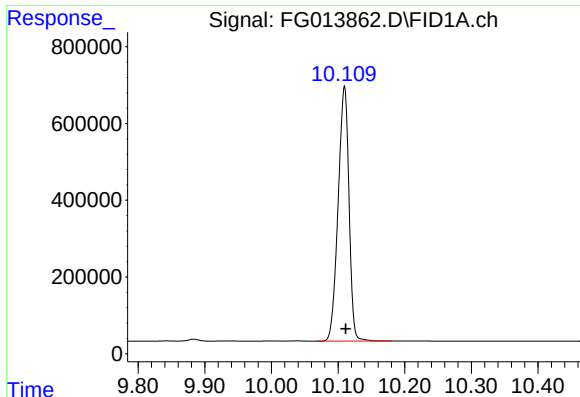
#3 N-DODECANE

R.T.: 6.666 min  
Delta R.T.: -0.002 min  
Response: 7390495  
Conc: 59.50 ug/ml



#4 N-TETRADECANE

R.T.: 8.498 min  
Delta R.T.: -0.002 min  
Response: 7435120  
Conc: 58.33 ug/ml



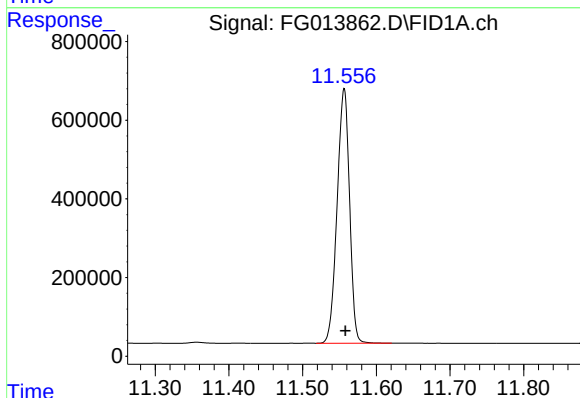
#5 N-HEXADECANE

R.T.: 10.110 min  
Delta R.T.: -0.002 min  
Response: 7519636  
Conc: 58.89 ug/ml

Instrument :  
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50 PPM TRPH STD

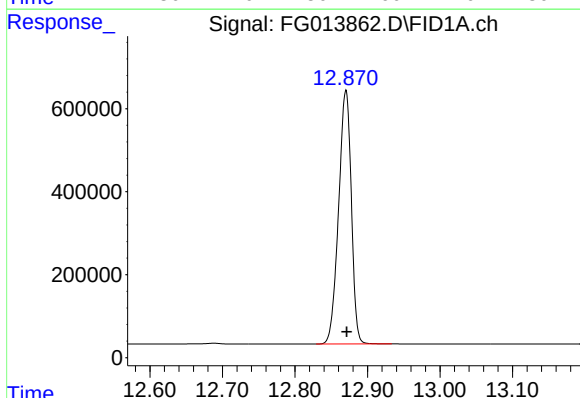
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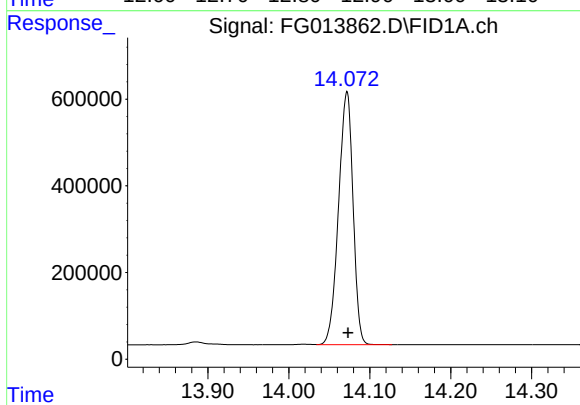
#6 N-OCTADECANE

R.T.: 11.556 min  
Delta R.T.: -0.001 min  
Response: 7584449  
Conc: 58.88 ug/ml



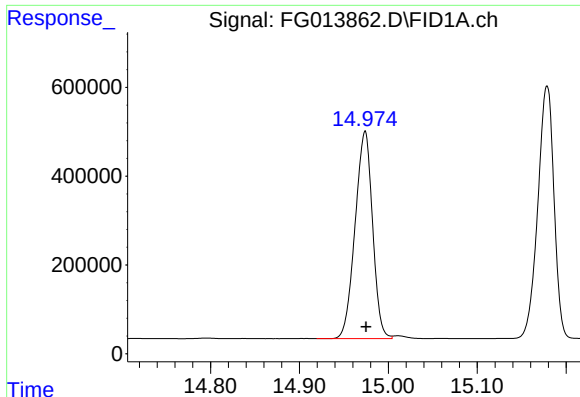
#7 N-EICOSANE

R.T.: 12.870 min  
Delta R.T.: 0.000 min  
Response: 7437373  
Conc: 57.63 ug/ml



#8 N-DOCOSANE

R.T.: 14.072 min  
Delta R.T.: -0.001 min  
Response: 7260232  
Conc: 58.28 ug/ml



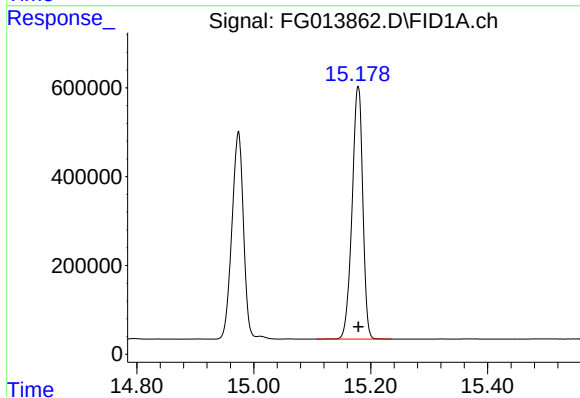
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.974 min  
Delta R.T.: -0.001 min  
Response: 6367741  
Conc: 57.78 ug/ml

Instrument :  
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50 PPM TRPH STD

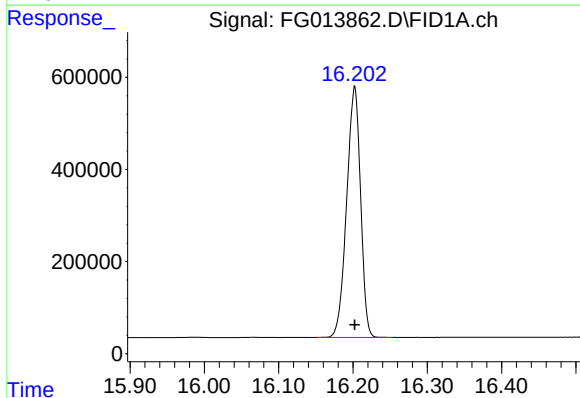
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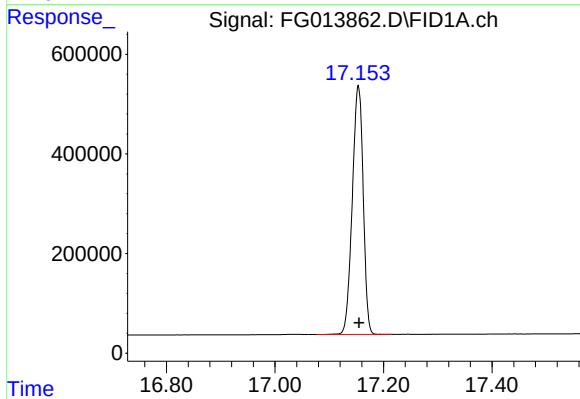
#10 N-TETRACOSANE

R.T.: 15.179 min  
Delta R.T.: 0.000 min  
Response: 7214560  
Conc: 58.49 ug/ml



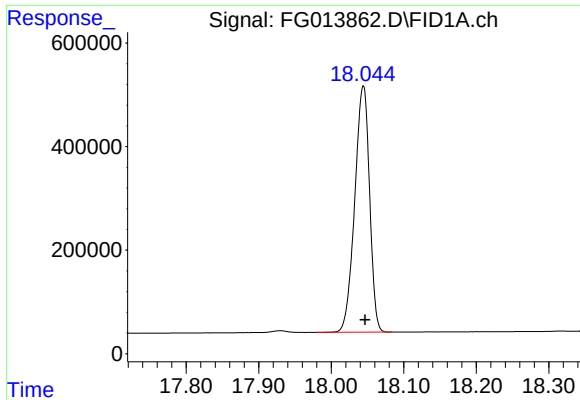
#11 N-HEXACOSANE

R.T.: 16.202 min  
Delta R.T.: 0.000 min  
Response: 7076124  
Conc: 58.26 ug/ml



#12 N-OCTACOSANE

R.T.: 17.154 min  
Delta R.T.: -0.001 min  
Response: 6967500  
Conc: 58.80 ug/ml



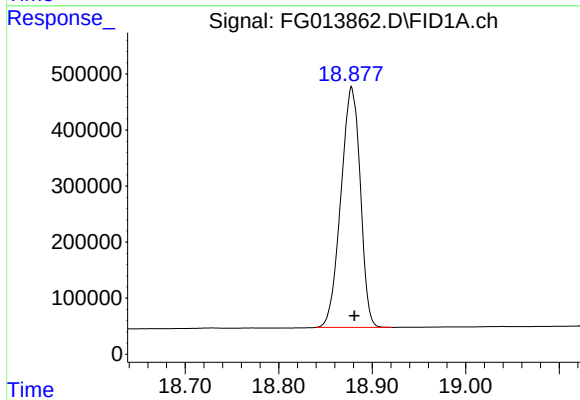
#13 N-TRIACONTANE

R.T.: 18.044 min  
Delta R.T.: -0.002 min  
Response: 6747889  
Conc: 57.45 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

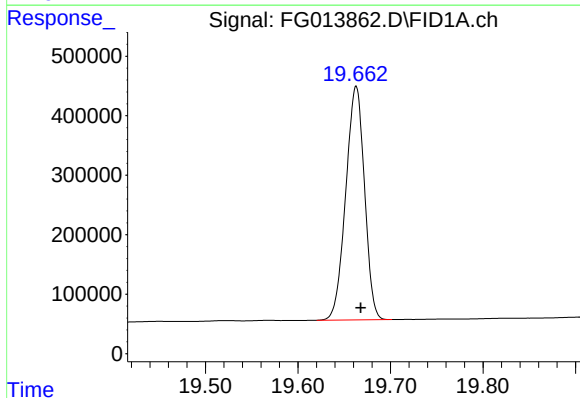
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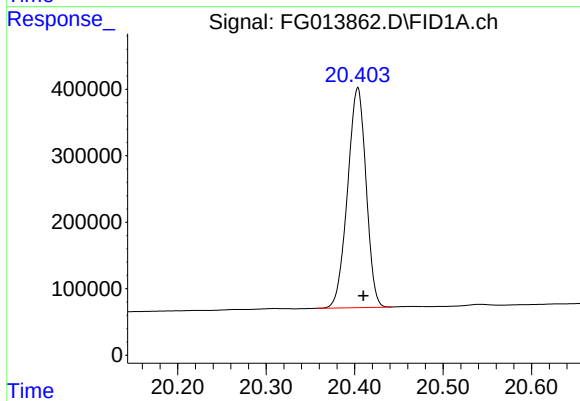
#14 N-DOTRIACONTANE

R.T.: 18.878 min  
Delta R.T.: -0.003 min  
Response: 6191693  
Conc: 55.08 ug/ml



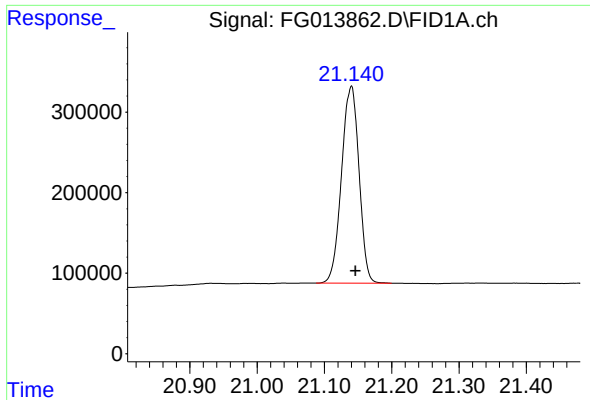
#15 N-TETRATRIACONTANE

R.T.: 19.663 min  
Delta R.T.: -0.005 min  
Response: 5524769  
Conc: 53.72 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.403 min  
Delta R.T.: -0.006 min  
Response: 4812407  
Conc: 54.06 ug/ml m



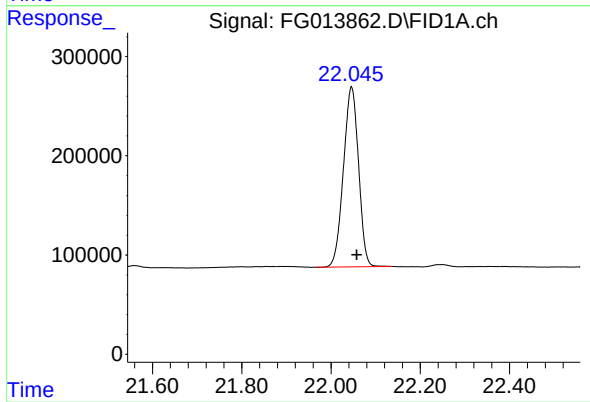
#17 N-OCTATRIACONTANE

R.T.: 21.140 min  
Delta R.T.: -0.006 min  
Response: 4430633  
Conc: 56.29 ug/ml

Instrument :  
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#18 N-TETRACONTANE

R.T.: 22.046 min  
Delta R.T.: -0.012 min  
Response: 4258476  
Conc: 65.21 ug/ml