

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG062223\  
 Data File : FG012255.D  
 Signal(s) : FID1A.ch  
 Acq On : 22 Jun 2023 17:18  
 Operator : YP\AJ  
 Sample : 03314-01MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 WASTEMSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023  
 Supervised By :Ankita Jodhani 06/23/2023

Integration File: autoint1.e  
 Quant Time: Jun 23 01:12:20 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG060223.M  
 Quant Title :  
 QLast Update : Thu Jun 01 17:30:11 2023  
 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... | 14.996 | 1431937  | 10.740 ug/mlm |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.025  | 2091655  | 15.040 ug/ml  |
| 2) N-DECANE                   | 4.533  | 2590074  | 17.579 ug/ml  |
| 3) N-DODECANE                 | 6.702  | 2666919  | 17.767 ug/ml  |
| 4) N-TETRADECANE              | 8.530  | 2595289  | 17.322 ug/ml  |
| 5) N-HEXADECANE               | 10.140 | 2721487  | 17.394 ug/ml  |
| 6) N-OCTADECANE               | 11.584 | 3007446  | 18.911 ug/ml  |
| 7) N-EICOSANE                 | 12.896 | 2767898  | 17.442 ug/ml  |
| 8) N-DOCOSANE                 | 14.095 | 2703361  | 17.693 ug/ml  |
| 10) N-TETRACOSANE             | 15.201 | 3031883  | 20.297 ug/ml  |
| 11) N-HEXACOSANE              | 16.223 | 2545429  | 17.974 ug/ml  |
| 12) N-OCTACOSANE              | 17.174 | 2494491  | 18.427 ug/ml  |
| 13) N-TRIACONTANE             | 18.064 | 2586155  | 19.519 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.899 | 3165782  | 24.801 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.684 | 3600970  | 29.584 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.425 | 4229948  | 34.514 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.163 | 4612374  | 36.151 ug/ml  |
| 18) N-TETRACONTANE            | 22.078 | 4698825  | 35.485 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : 03314-01MSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

## Instrument :

FID\_G

## Client Sample Id :

WASTEMSD

## Manual Integrations

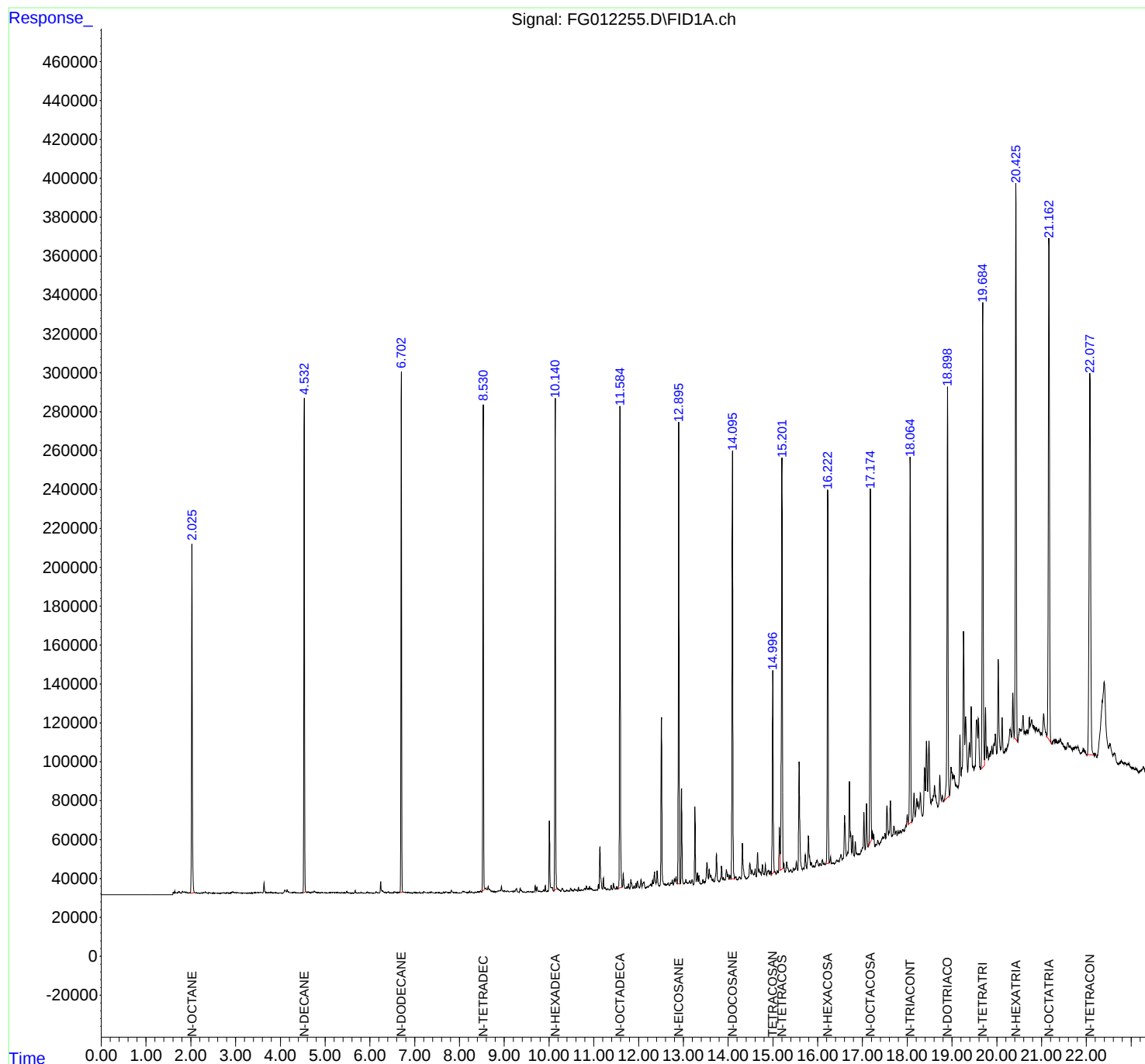
## APPROVED

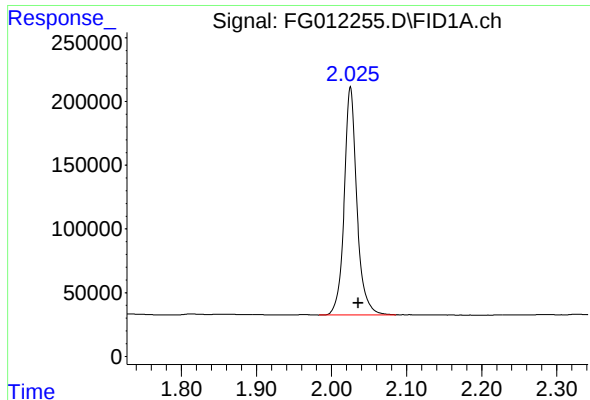
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





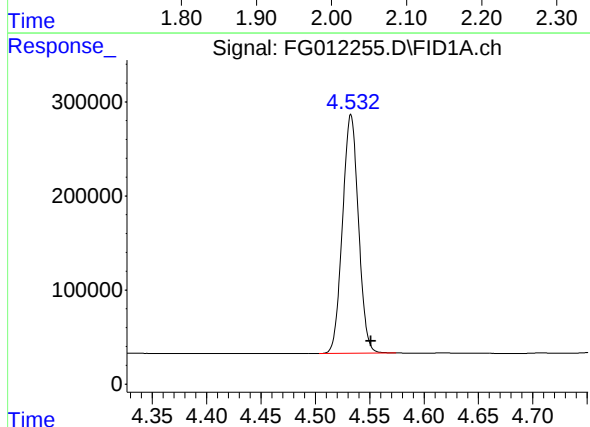
#1 N-OCTANE

R.T.: 2.025 min  
Delta R.T.: -0.011 min  
Response: 2091655  
Conc: 15.04 ug/ml

Instrument :  
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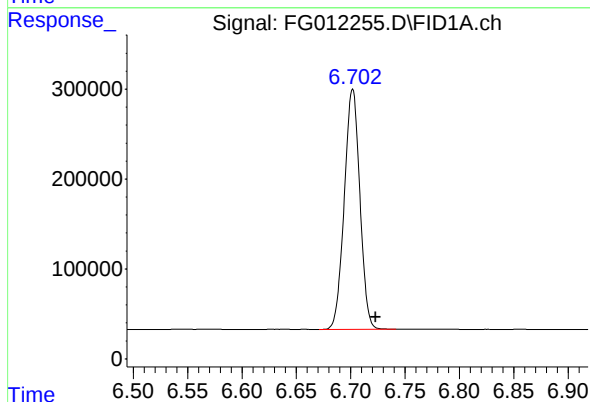
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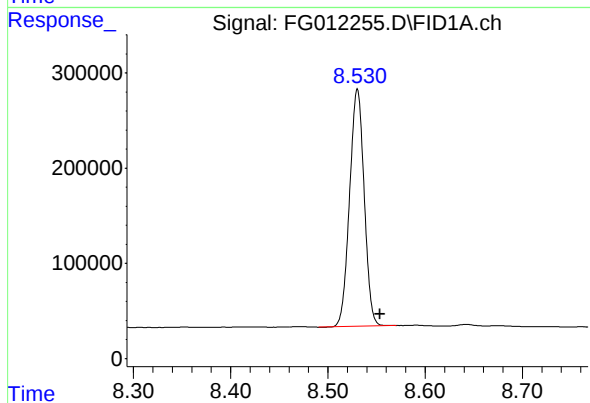
#2 N-DECANE

R.T.: 4.533 min  
Delta R.T.: -0.018 min  
Response: 2590074  
Conc: 17.58 ug/ml



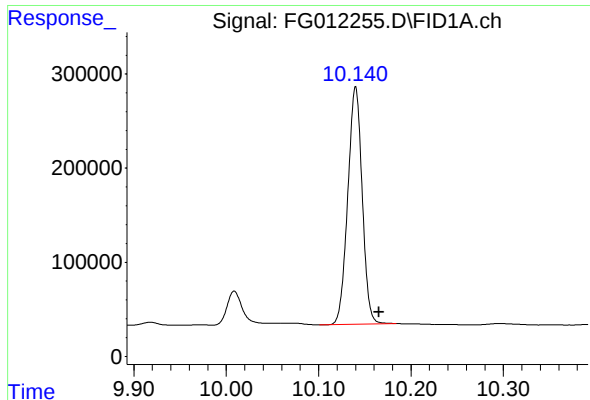
#3 N-DODECANE

R.T.: 6.702 min  
Delta R.T.: -0.021 min  
Response: 2666919  
Conc: 17.77 ug/ml



#4 N-TETRADECANE

R.T.: 8.530 min  
Delta R.T.: -0.023 min  
Response: 2595289  
Conc: 17.32 ug/ml



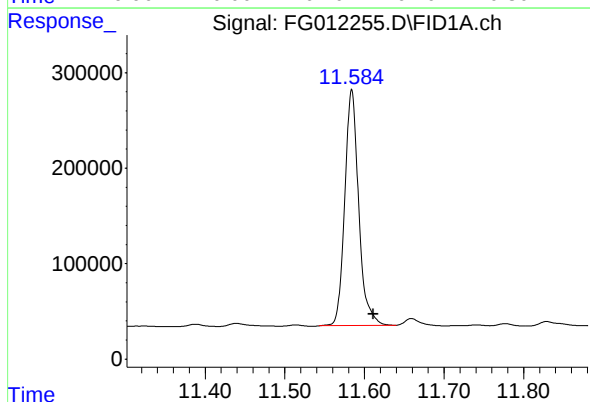
#5 N-HEXADECANE

R.T.: 10.140 min  
Delta R.T.: -0.025 min  
Response: 2721487  
Conc: 17.39 ug/ml

Instrument :  
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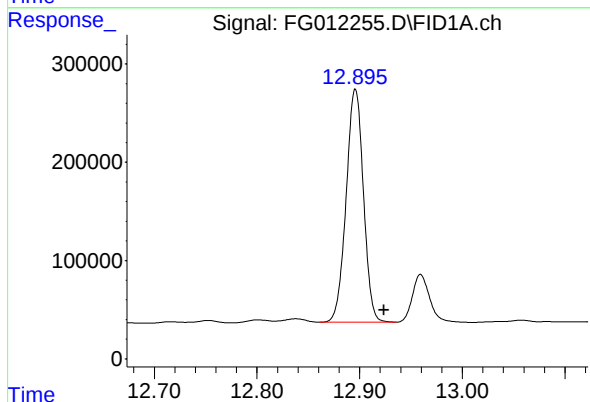
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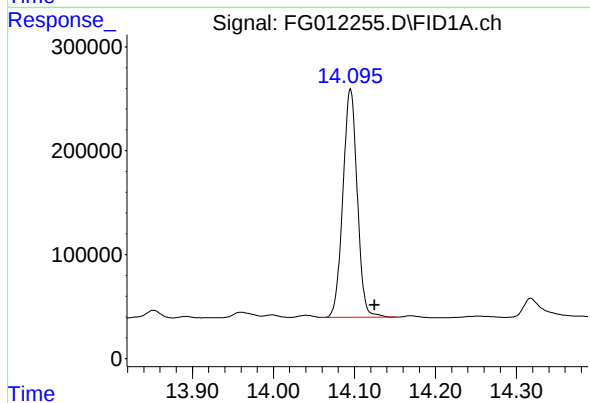
#6 N-OCTADECANE

R.T.: 11.584 min  
Delta R.T.: -0.027 min  
Response: 3007446  
Conc: 18.91 ug/ml



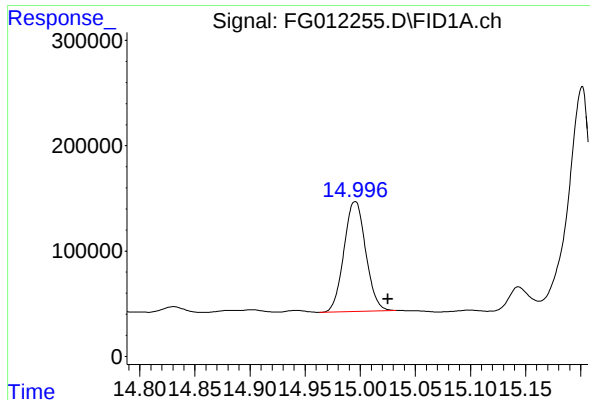
#7 N-EICOSANE

R.T.: 12.896 min  
Delta R.T.: -0.028 min  
Response: 2767898  
Conc: 17.44 ug/ml



#8 N-DOCOSANE

R.T.: 14.095 min  
Delta R.T.: -0.030 min  
Response: 2703361  
Conc: 17.69 ug/ml



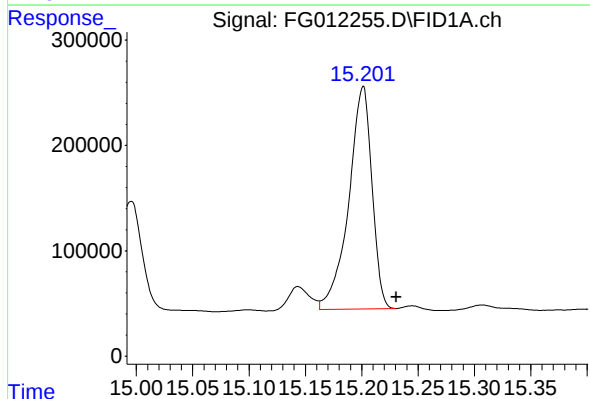
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.996 min  
Delta R.T.: -0.030 min  
Response: 1431937  
Conc: 10.74 ug/ml

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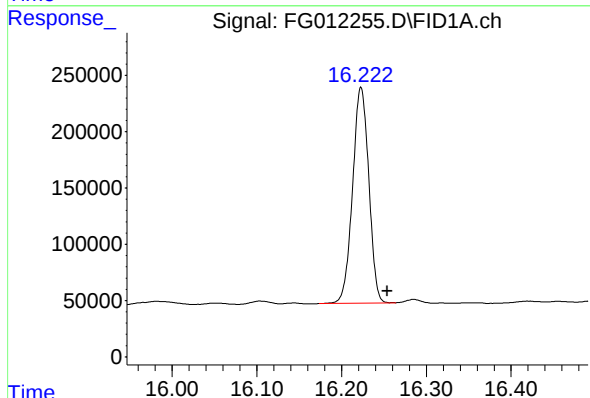
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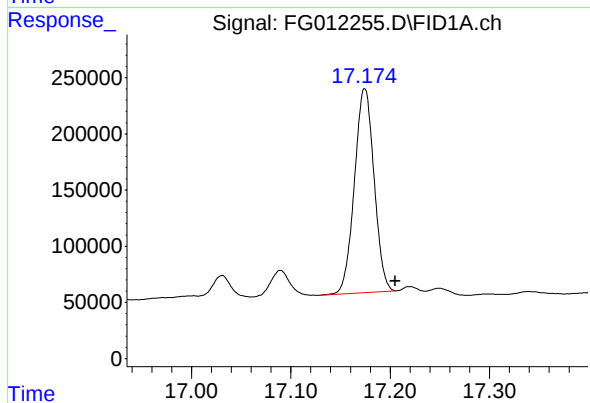
#10 N-TETRACOSANE

R.T.: 15.201 min  
Delta R.T.: -0.029 min  
Response: 3031883  
Conc: 20.30 ug/ml



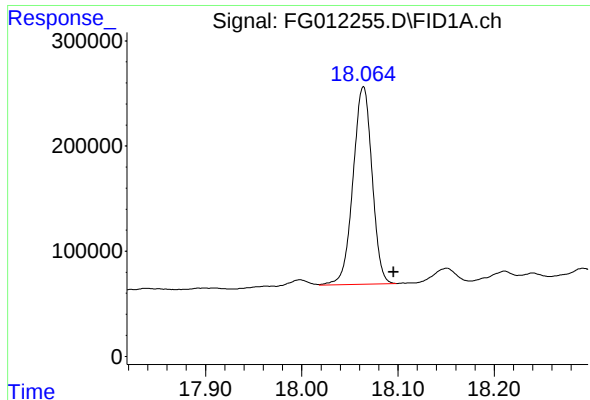
#11 N-HEXACOSANE

R.T.: 16.223 min  
Delta R.T.: -0.031 min  
Response: 2545429  
Conc: 17.97 ug/ml



#12 N-OCTACOSANE

R.T.: 17.174 min  
Delta R.T.: -0.031 min  
Response: 2494491  
Conc: 18.43 ug/ml



#13 N-TRIACONTANE

R.T.: 18.064 min  
Delta R.T.: -0.031 min  
Response: 2586155  
Conc: 19.52 ug/ml

Instrument :

FID\_G

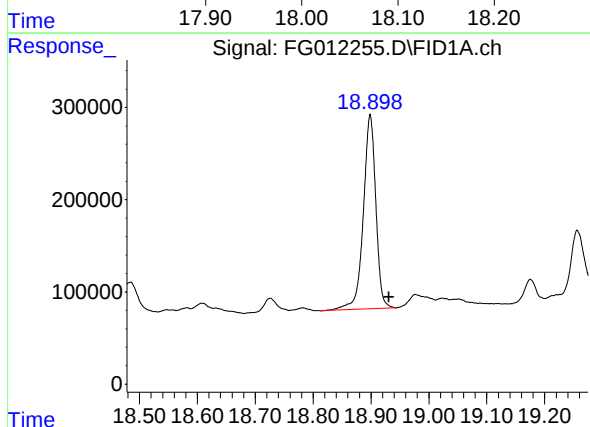
ClientSampleId :

WASTEMSD

Manual Integrations

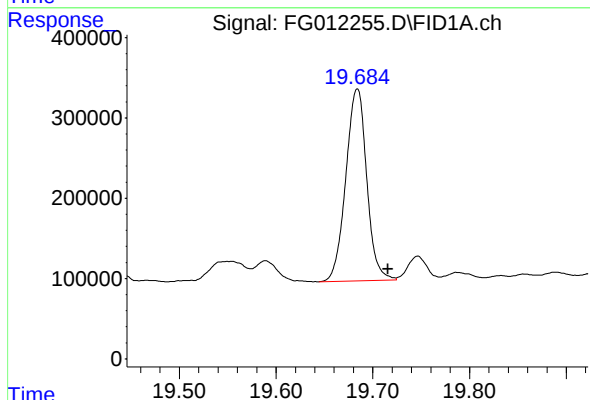
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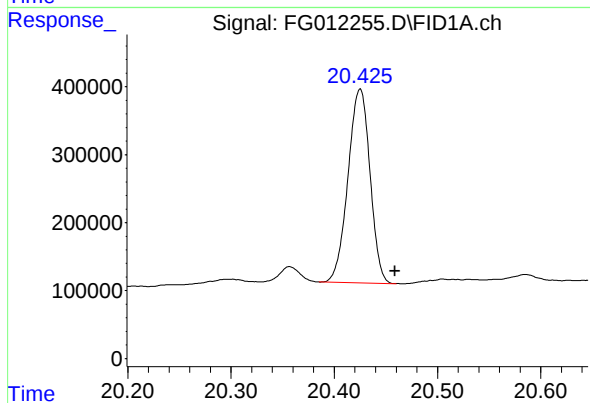
#14 N-DOTRIACONTANE

R.T.: 18.899 min  
Delta R.T.: -0.032 min  
Response: 3165782  
Conc: 24.80 ug/ml



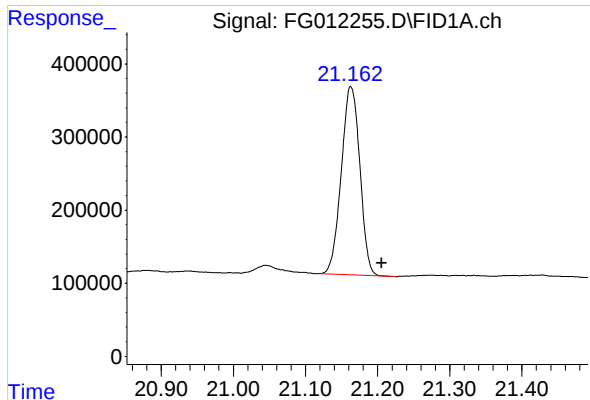
#15 N-TETRATRIACONTANE

R.T.: 19.684 min  
Delta R.T.: -0.032 min  
Response: 3600970  
Conc: 29.58 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.425 min  
Delta R.T.: -0.034 min  
Response: 4229948  
Conc: 34.51 ug/ml m



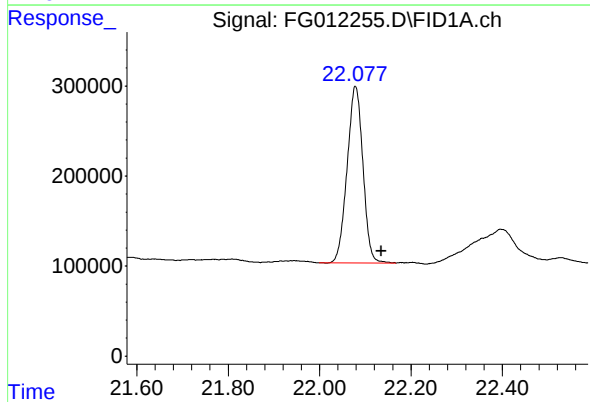
#17 N-OCTATRIACONTANE

R.T.: 21.163 min  
Delta R.T.: -0.042 min  
Response: 4612374  
Conc: 36.15 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.078 min  
Delta R.T.: -0.057 min  
Response: 4698825  
Conc: 35.49 ug/ml