

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG042522\  
 Data File : FG009656.D  
 Signal(s) : FID1A.ch  
 Acq On : 25 Apr 2022 12:32  
 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  
 APPROVED

Reviewed By :Yogesh Patel 04/26/2022  
 Supervised By :mohammad ahmed 04/27/2022

Integration File: Sample.e  
 Quant Time: Apr 26 01:56:38 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... | 14.625 | 6277766  | 48.731 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.222  | 7183577  | 49.169 ug/ml  |
| 2) N-DECANE                   | 4.319  | 7308355  | 49.223 ug/ml  |
| 3) N-DODECANE                 | 6.347  | 7317605  | 48.554 ug/ml  |
| 4) N-TETRADECANE              | 8.148  | 7277540  | 47.510 ug/ml  |
| 5) N-HEXADECANE               | 9.754  | 7264324  | 47.074 ug/ml  |
| 6) N-OCTADECANE               | 11.202 | 7358691  | 46.770 ug/ml  |
| 7) N-EICOSANE                 | 12.518 | 7140008  | 47.142 ug/ml  |
| 8) N-DOCOSANE                 | 13.722 | 7053046  | 47.792 ug/ml  |
| 10) N-TETRACOSANE             | 14.830 | 7009532  | 48.896 ug/ml  |
| 11) N-HEXACOSANE              | 15.856 | 6969678  | 50.736 ug/ml  |
| 12) N-OCTACOSANE              | 16.810 | 6963288  | 53.354 ug/ml  |
| 13) N-TRIACONTANE             | 17.702 | 6931411  | 56.134 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.537 | 6773388  | 58.352 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.325 | 6340478  | 59.630 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.068 | 5727135  | 60.481 ug/ml  |
| 17) N-OCTATRIACONTANE         | 20.809 | 5187602  | 60.242 ug/ml  |
| 18) N-TETRACONTANE            | 21.722 | 5398732  | 62.554 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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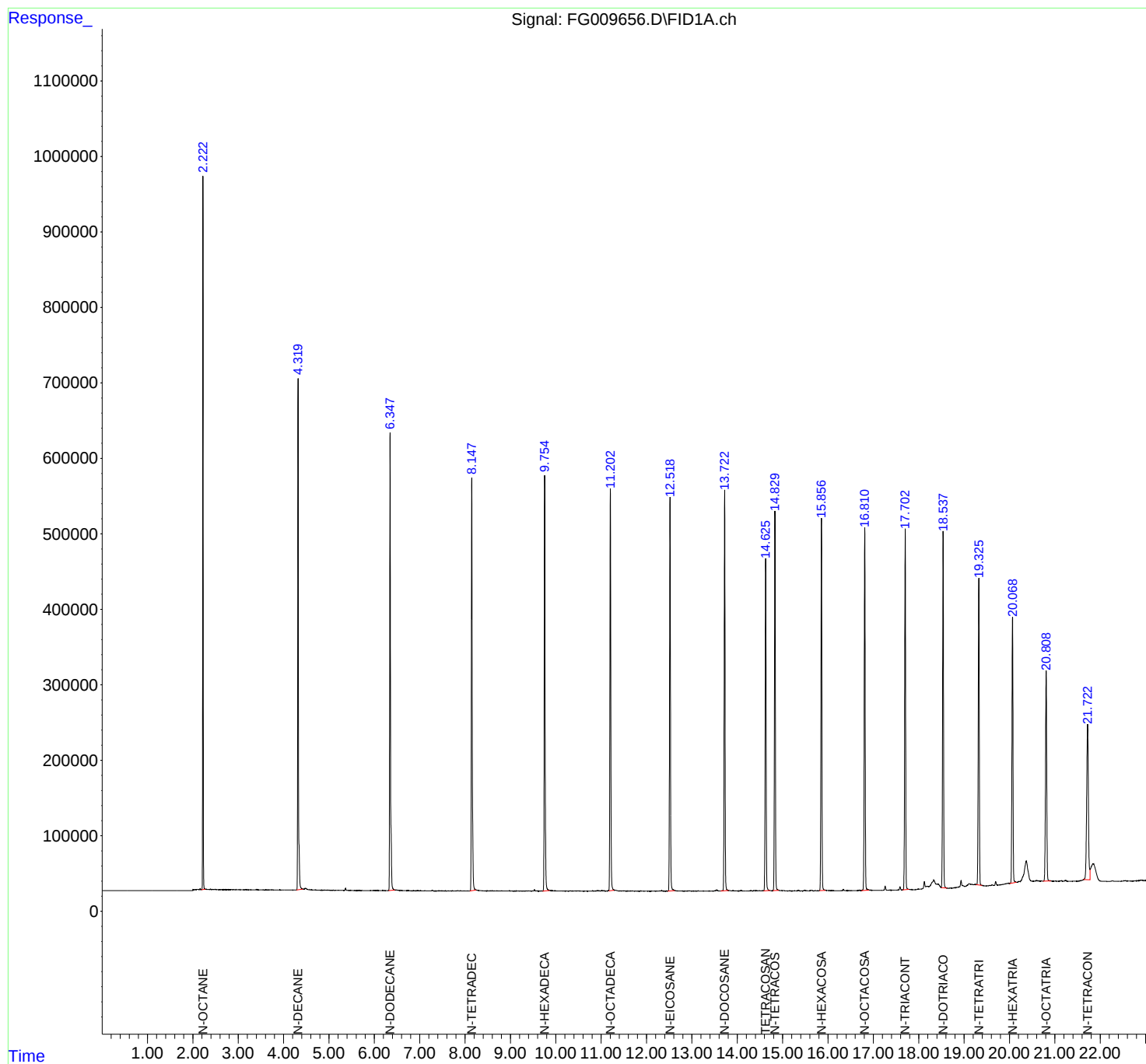
Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

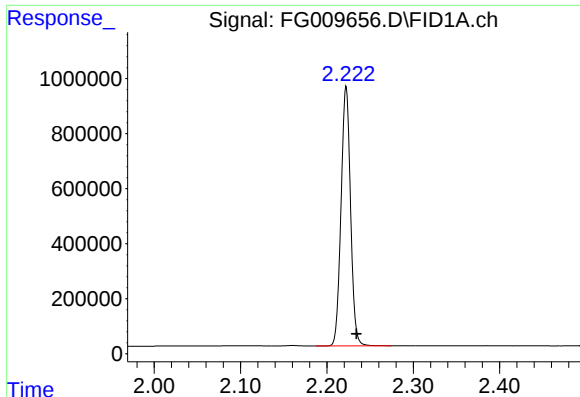
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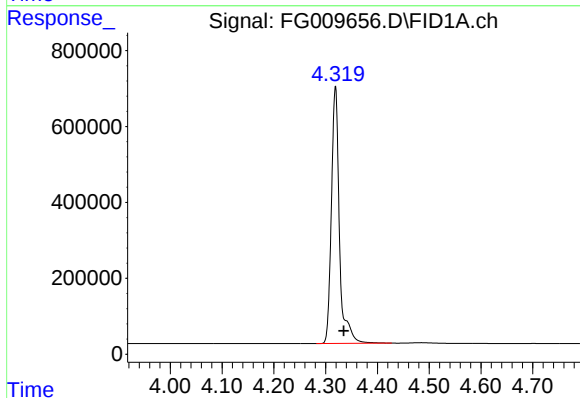
#1 N-OCTANE

R.T.: 2.222 min  
Delta R.T.: -0.012 min  
Response: 7183577  
Conc: 49.17 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

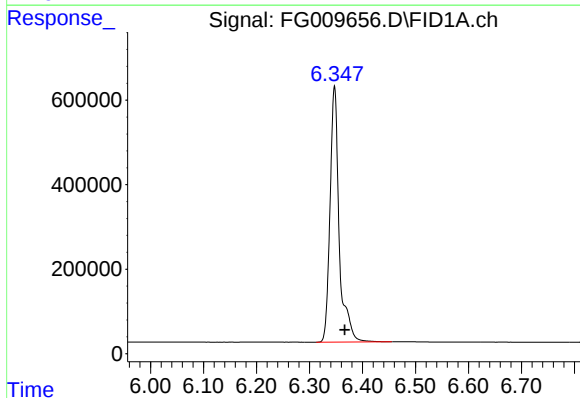
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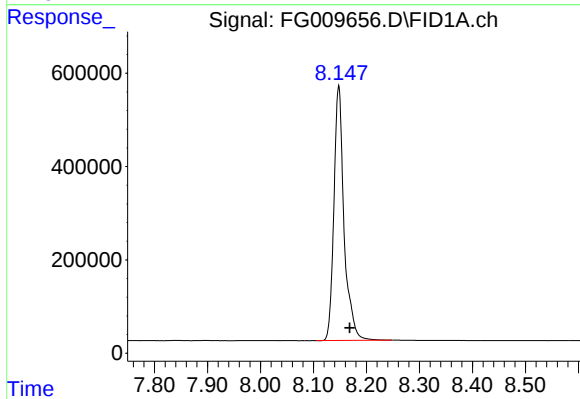
#2 N-DECANE

R.T.: 4.319 min  
Delta R.T.: -0.016 min  
Response: 7308355  
Conc: 49.22 ug/ml



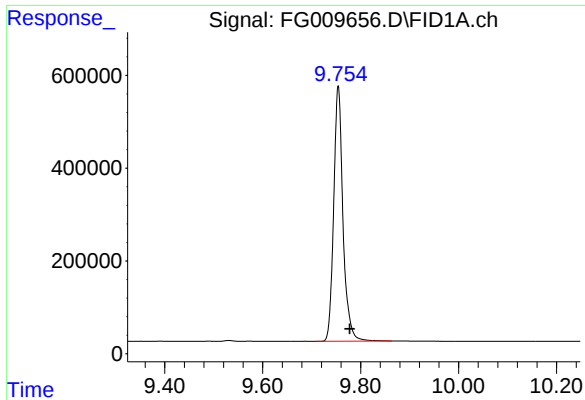
#3 N-DODECANE

R.T.: 6.347 min  
Delta R.T.: -0.019 min  
Response: 7317605  
Conc: 48.55 ug/ml



#4 N-TETRADECANE

R.T.: 8.148 min  
Delta R.T.: -0.021 min  
Response: 7277540  
Conc: 47.51 ug/ml



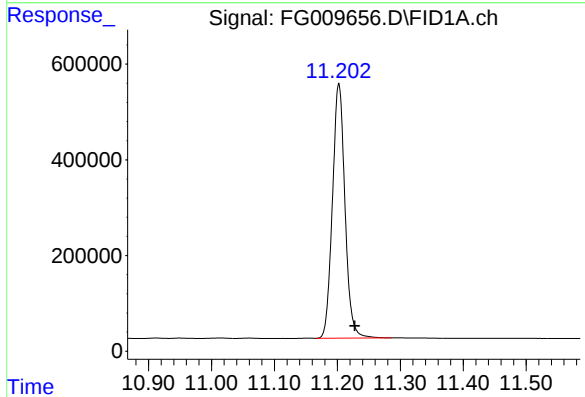
#5 N-HEXADECANE

R.T.: 9.754 min  
Delta R.T.: -0.023 min  
Response: 7264324  
Conc: 47.07 ug/ml

Instrument :  
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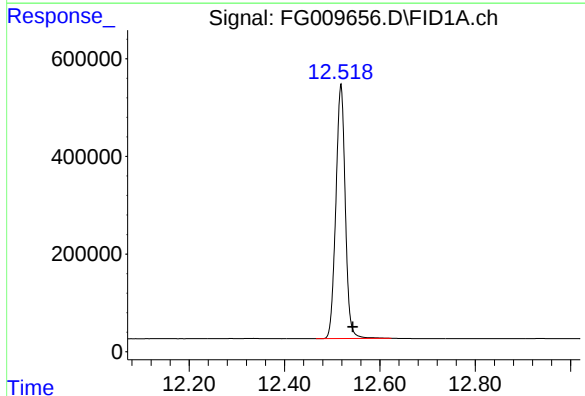
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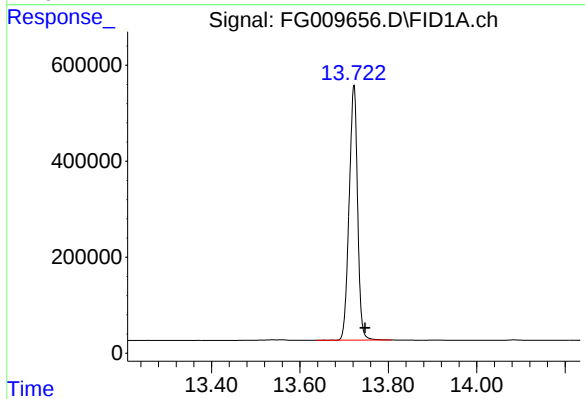
#6 N-OCTADECANE

R.T.: 11.202 min  
Delta R.T.: -0.025 min  
Response: 7358691  
Conc: 46.77 ug/ml



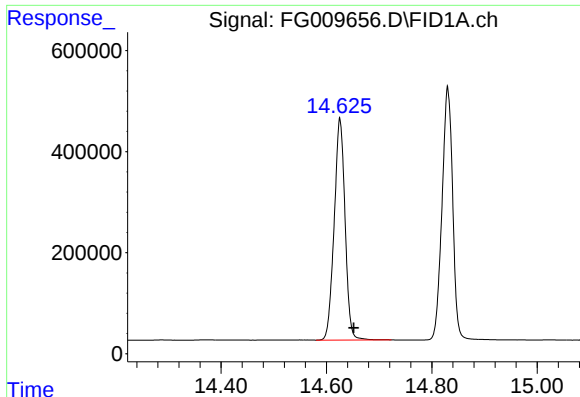
#7 N-EICOSANE

R.T.: 12.518 min  
Delta R.T.: -0.025 min  
Response: 7140008  
Conc: 47.14 ug/ml



#8 N-DOCOSANE

R.T.: 13.722 min  
Delta R.T.: -0.026 min  
Response: 7053046  
Conc: 47.79 ug/ml



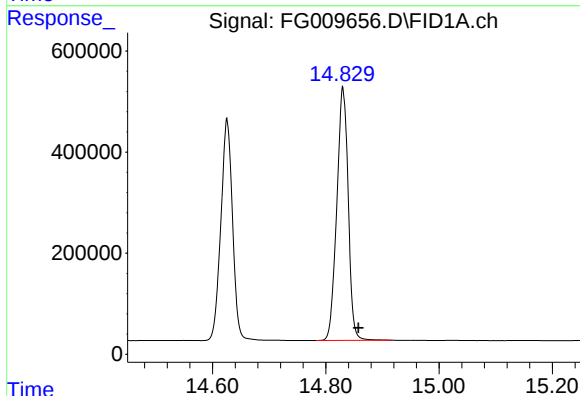
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.625 min  
Delta R.T.: -0.027 min  
Response: 6277766  
Conc: 48.73 ug/ml

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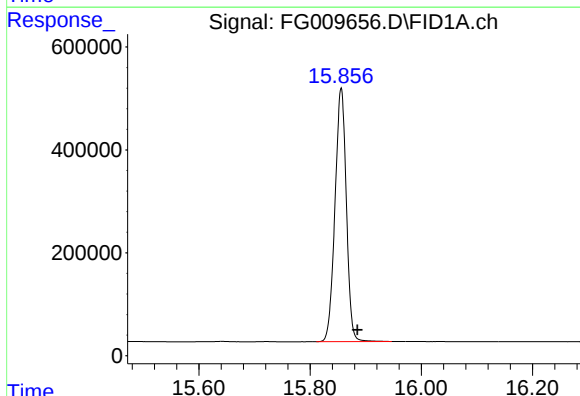
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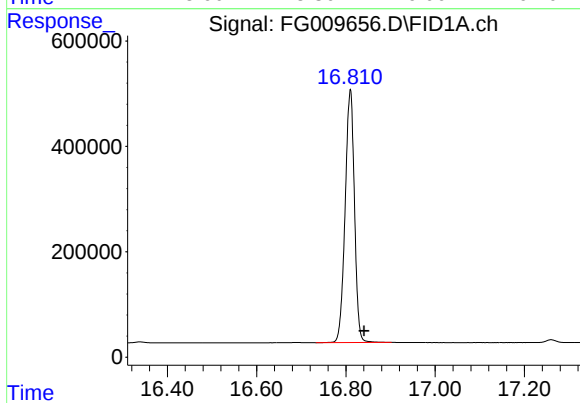
#10 N-TETRACOSANE

R.T.: 14.830 min  
Delta R.T.: -0.028 min  
Response: 7009532  
Conc: 48.90 ug/ml



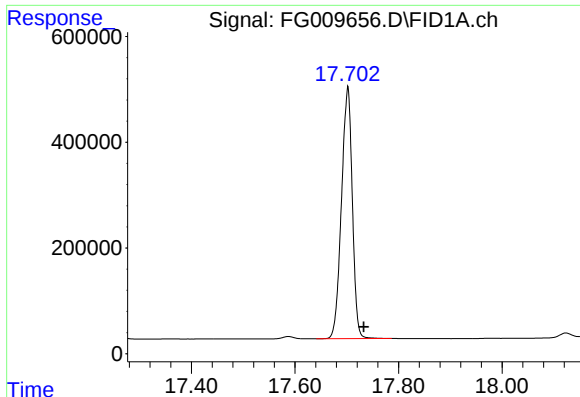
#11 N-HEXACOSANE

R.T.: 15.856 min  
Delta R.T.: -0.029 min  
Response: 6969678  
Conc: 50.74 ug/ml



#12 N-OCTACOSANE

R.T.: 16.810 min  
Delta R.T.: -0.030 min  
Response: 6963288  
Conc: 53.35 ug/ml



#13 N-TRIACONTANE

R.T.: 17.702 min  
Delta R.T.: -0.031 min  
Response: 6931411  
Conc: 56.13 ug/ml

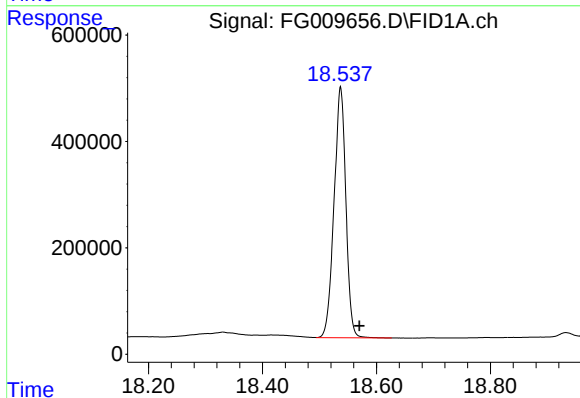
Instrument :

FID\_G

ClientSampleId :  
50 PPM TRPH STD

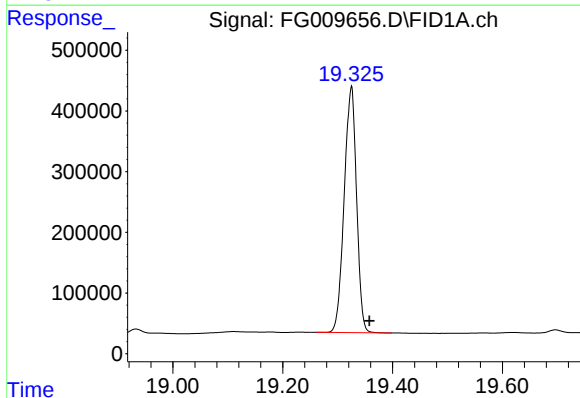
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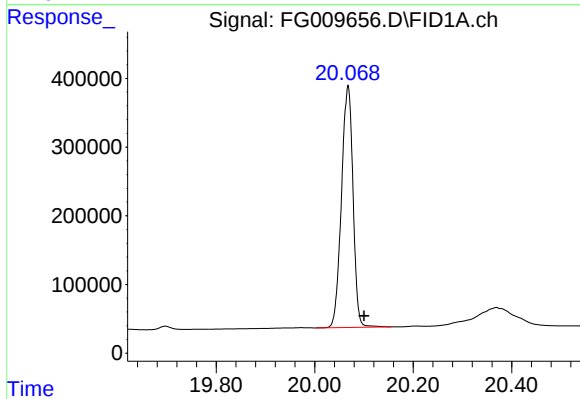
#14 N-DOTRIACONTANE

R.T.: 18.537 min  
Delta R.T.: -0.033 min  
Response: 6773388  
Conc: 58.35 ug/ml



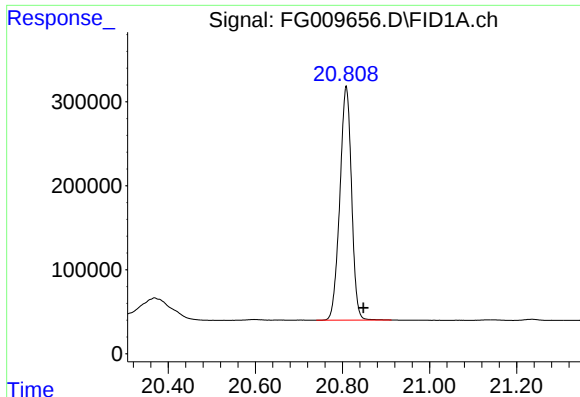
#15 N-TETRATRIACONTANE

R.T.: 19.325 min  
Delta R.T.: -0.033 min  
Response: 6340478  
Conc: 59.63 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.068 min  
Delta R.T.: -0.033 min  
Response: 5727135  
Conc: 60.48 ug/ml



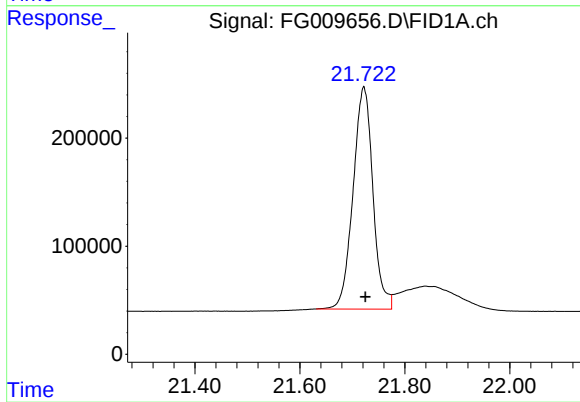
#17 N-OCTATRIACONTANE

R.T.: 20.809 min  
Delta R.T.: -0.040 min  
Response: 5187602  
Conc: 60.24 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.722 min  
Delta R.T.: -0.003 min  
Response: 5398732  
Conc: 62.55 ug/ml m