

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG040722\  
 Data File : FG009534.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Apr 2022 10:38  
 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 04/08/2022  
 Supervised By :mohammad ahmed 04/12/2022

Integration File: Sample.e  
 Quant Time: Apr 08 02:27:56 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG040122.M  
 Quant Title :  
 QLast Update : Fri Apr 01 13:54:05 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... | 14.634 | 6939611  | 53.868 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.230  | 7984916  | 54.654 ug/ml  |
| 2) N-DECANE                   | 4.328  | 8525009  | 57.417 ug/ml  |
| 3) N-DODECANE                 | 6.356  | 8624000  | 57.222 ug/ml  |
| 4) N-TETRADECANE              | 8.157  | 8719109  | 56.921 ug/ml  |
| 5) N-HEXADECANE               | 9.764  | 8705136  | 56.410 ug/ml  |
| 6) N-OCTADECANE               | 11.212 | 8798886  | 55.924 ug/ml  |
| 7) N-EICOSANE                 | 12.528 | 8359408  | 55.194 ug/ml  |
| 8) N-DOCOSANE                 | 13.732 | 8031711  | 54.424 ug/ml  |
| 10) N-TETRACOSANE             | 14.841 | 7729063  | 53.916 ug/ml  |
| 11) N-HEXACOSANE              | 15.865 | 7333910  | 53.388 ug/ml  |
| 12) N-OCTACOSANE              | 16.819 | 7034326  | 53.899 ug/ml  |
| 13) N-TRIACONTANE             | 17.710 | 6797340  | 55.048 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.546 | 6527157  | 56.231 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.333 | 6037441  | 56.780 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.075 | 5323063  | 56.214 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.817 | 4836786  | 56.168 ug/mlm |
| 18) N-TETRACONTANE            | 21.734 | 4756371  | 55.111 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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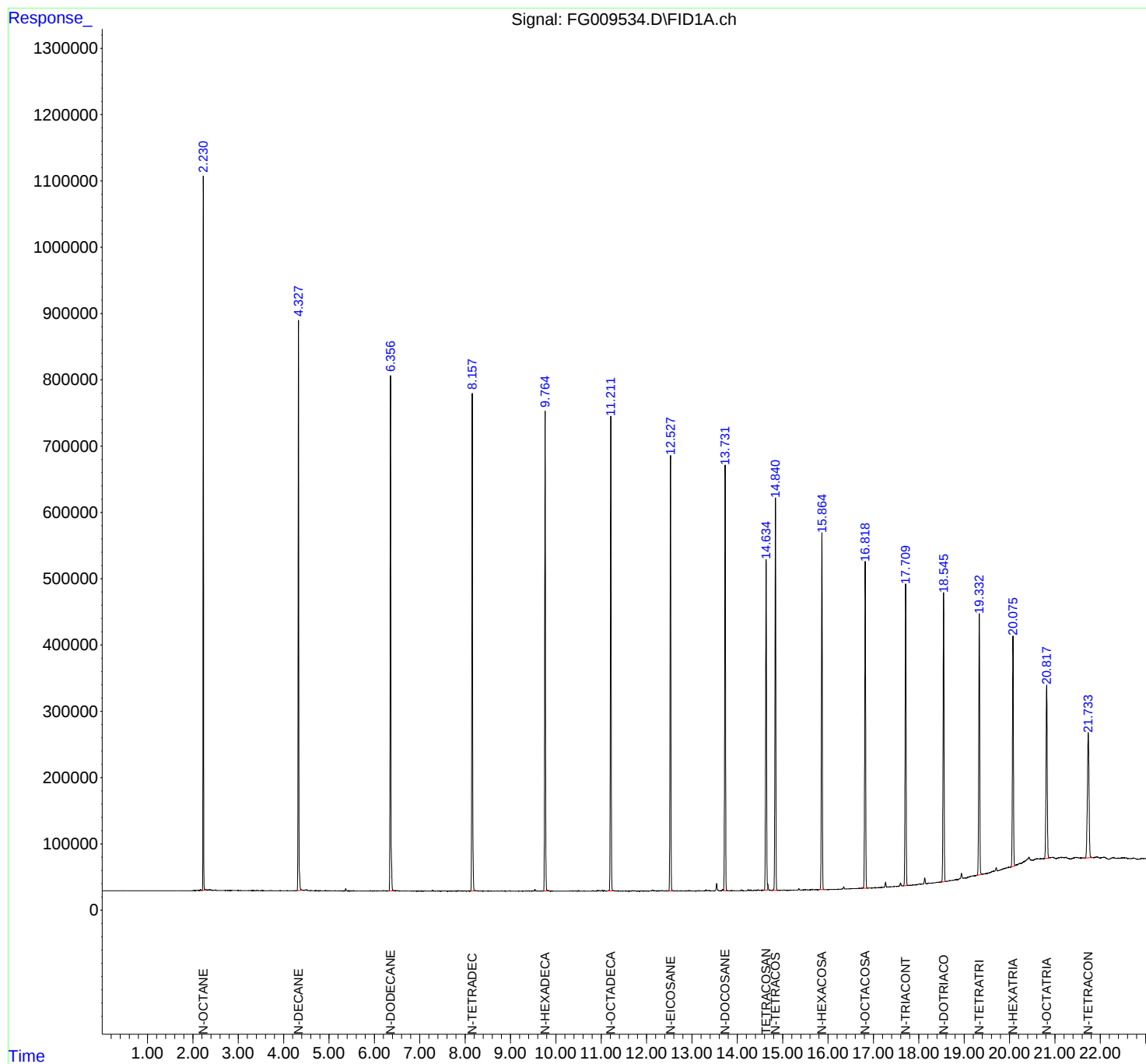
Instrument :  
FID\_G  
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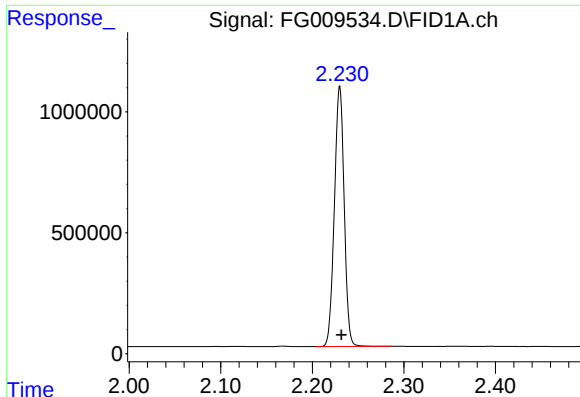
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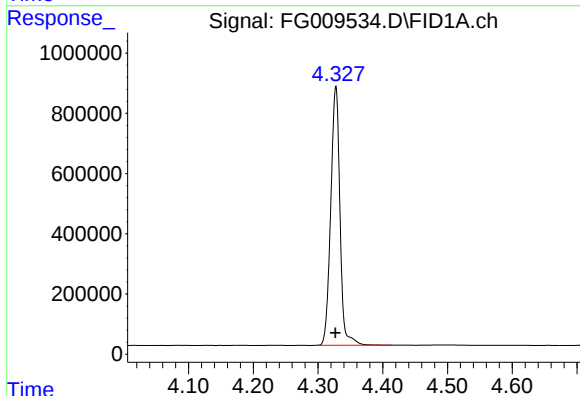
#1 N-OCTANE

R.T.: 2.230 min  
Delta R.T.: -0.002 min  
Response: 7984916  
Conc: 54.65 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

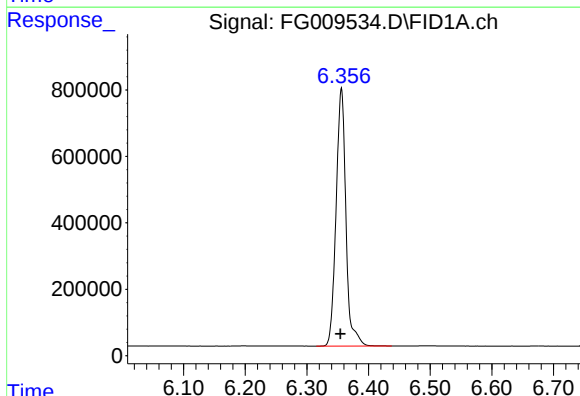
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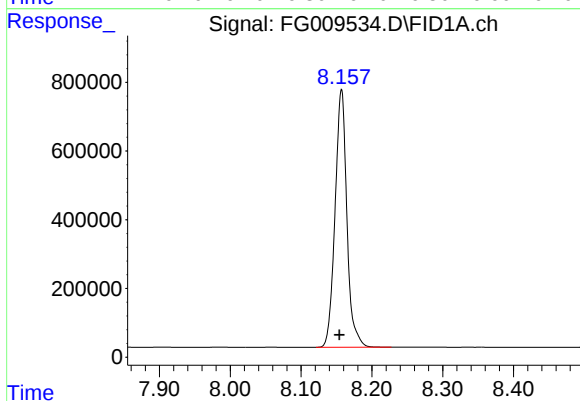
#2 N-DECANE

R.T.: 4.328 min  
Delta R.T.: 0.000 min  
Response: 8525009  
Conc: 57.42 ug/ml



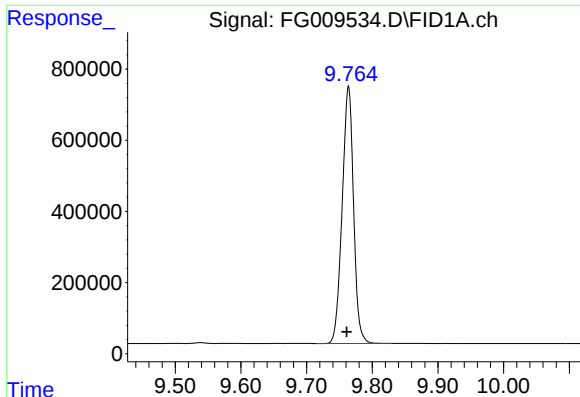
#3 N-DODECANE

R.T.: 6.356 min  
Delta R.T.: 0.002 min  
Response: 8624000  
Conc: 57.22 ug/ml



#4 N-TETRADECANE

R.T.: 8.157 min  
Delta R.T.: 0.003 min  
Response: 8719109  
Conc: 56.92 ug/ml



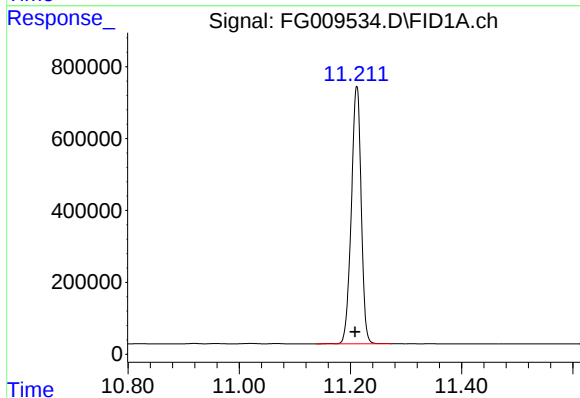
#5 N-HEXADECANE

R.T.: 9.764 min  
Delta R.T.: 0.003 min  
Response: 8705136  
Conc: 56.41 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

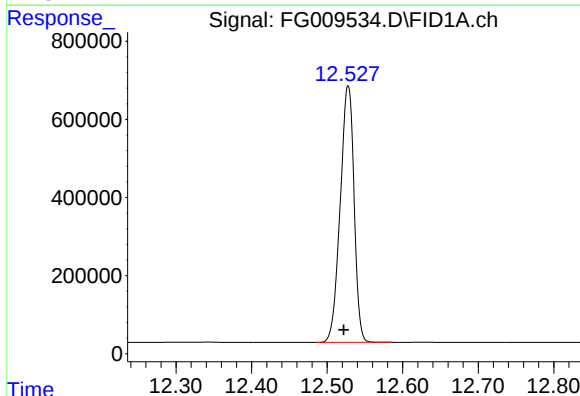
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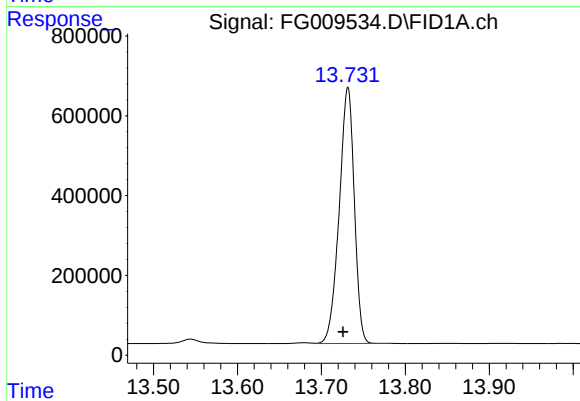
#6 N-OCTADECANE

R.T.: 11.212 min  
Delta R.T.: 0.003 min  
Response: 8798886  
Conc: 55.92 ug/ml



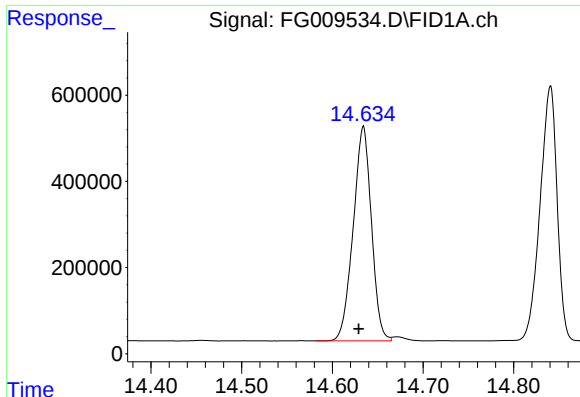
#7 N-EICOSANE

R.T.: 12.528 min  
Delta R.T.: 0.006 min  
Response: 8359408  
Conc: 55.19 ug/ml



#8 N-DOCOSANE

R.T.: 13.732 min  
Delta R.T.: 0.006 min  
Response: 8031711  
Conc: 54.42 ug/ml



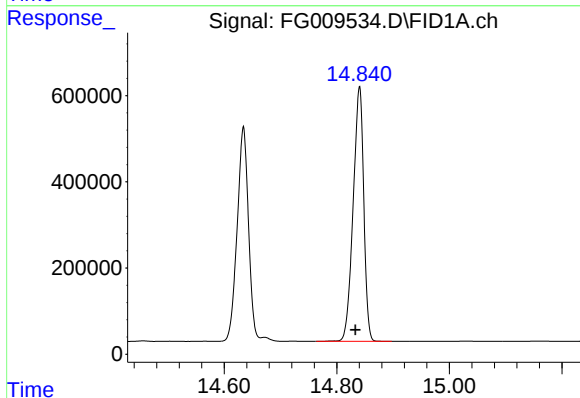
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.634 min  
Delta R.T.: 0.005 min  
Response: 6939611  
Conc: 53.87 ug/ml

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50 PPM TRPH STD

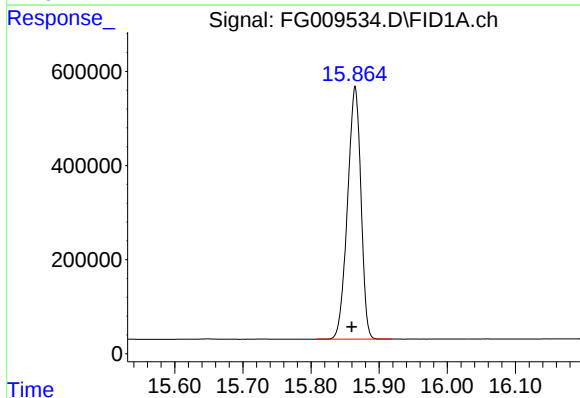
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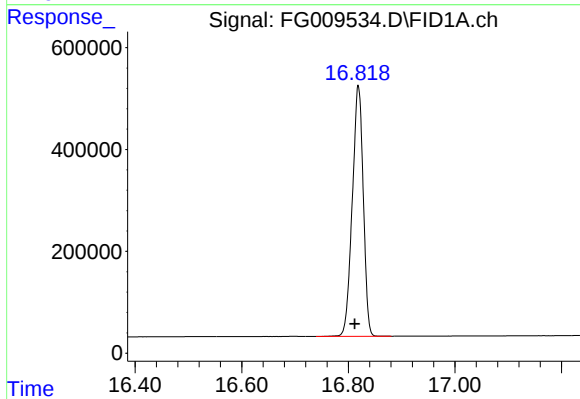
#10 N-TETRACOSANE

R.T.: 14.841 min  
Delta R.T.: 0.007 min  
Response: 7729063  
Conc: 53.92 ug/ml



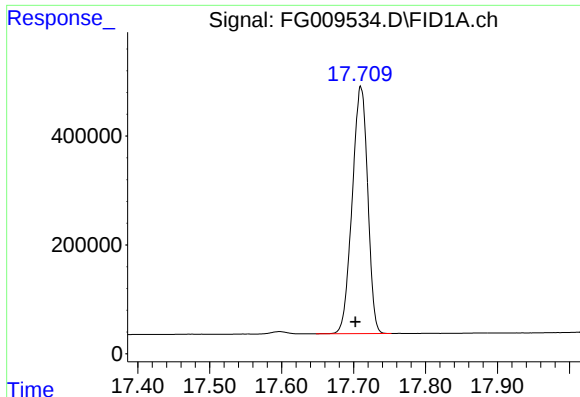
#11 N-HEXACOSANE

R.T.: 15.865 min  
Delta R.T.: 0.005 min  
Response: 7333910  
Conc: 53.39 ug/ml



#12 N-OCTACOSANE

R.T.: 16.819 min  
Delta R.T.: 0.006 min  
Response: 7034326  
Conc: 53.90 ug/ml



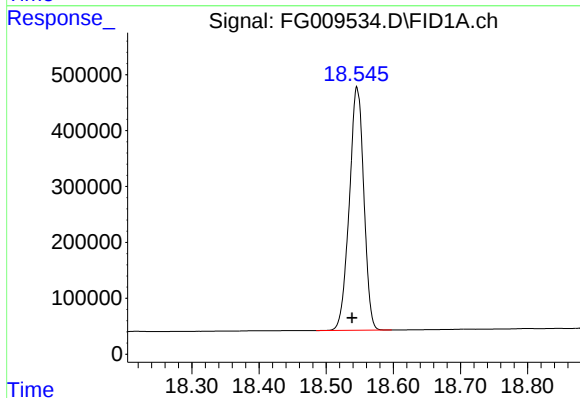
#13 N-TRIACONTANE

R.T.: 17.710 min  
Delta R.T.: 0.008 min  
Response: 6797340  
Conc: 55.05 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

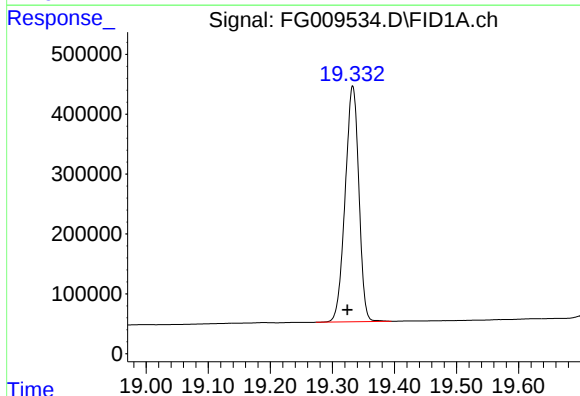
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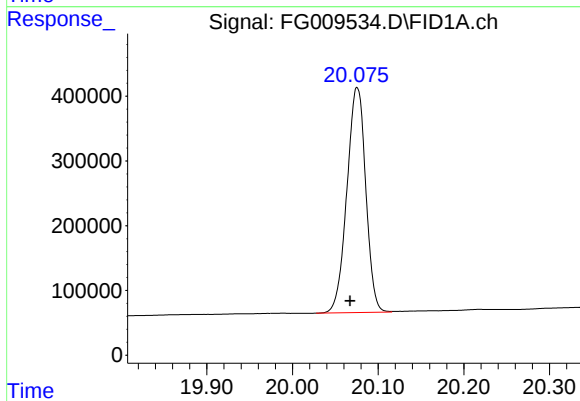
#14 N-DOTRIACONTANE

R.T.: 18.546 min  
Delta R.T.: 0.007 min  
Response: 6527157  
Conc: 56.23 ug/ml



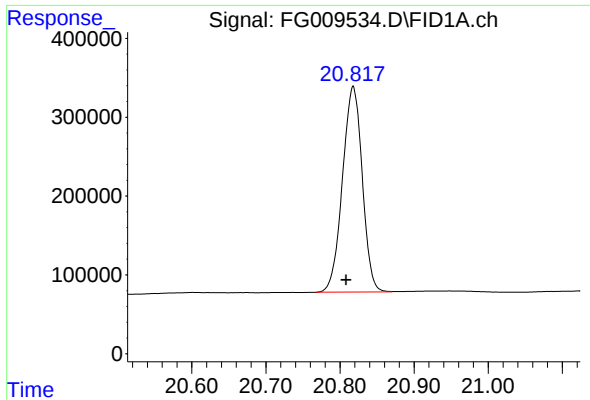
#15 N-TETRATRIACONTANE

R.T.: 19.333 min  
Delta R.T.: 0.009 min  
Response: 6037441  
Conc: 56.78 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.075 min  
Delta R.T.: 0.007 min  
Response: 5323063  
Conc: 56.21 ug/ml m



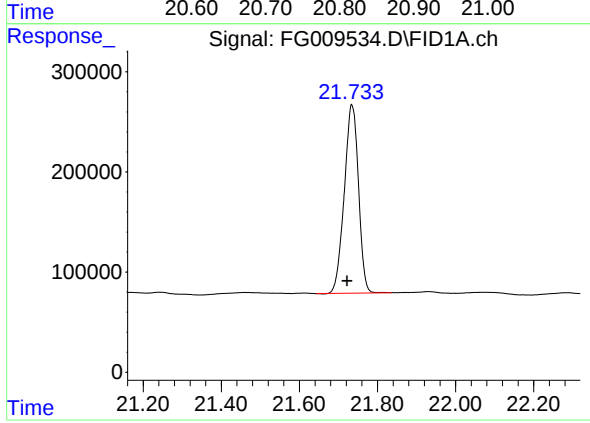
#17 N-OCTATRIACONTANE

R.T.: 20.817 min  
Delta R.T.: 0.009 min  
Response: 4836786  
Conc: 56.17 ug/ml

Instrument :  
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#18 N-TETRACONTANE

R.T.: 21.734 min  
Delta R.T.: 0.012 min  
Response: 4756371  
Conc: 55.11 ug/ml