

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF081922\  
 Data File : FF011274.D  
 Signal(s) : FID2B.ch  
 Acq On : 19 Aug 2022 16:31  
 Operator : YP\AJ  
 Sample : N4226-01MS  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 B-1MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/22/2022  
 Supervised By :Ankita Jodhani 08/23/2022

Integration File: autoint1.e  
 Quant Time: Aug 19 19:02:00 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF072822.M  
 Quant Title :  
 QLast Update : Thu Jul 28 14:46:22 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... | 14.794 | 1437547  | 13.226 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 1.855  | 1659693  | 13.490 ug/mlm |
| 2) N-DECANE                   | 4.355  | 2168403  | 17.407 ug/ml  |
| 3) N-DODECANE                 | 6.524  | 2288114  | 18.177 ug/ml  |
| 4) N-TETRADECANE              | 8.348  | 2387250  | 19.015 ug/ml  |
| 5) N-HEXADECANE               | 9.951  | 2274861  | 17.783 ug/ml  |
| 6) N-OCTADECANE               | 11.391 | 2504734  | 19.447 ug/ml  |
| 7) N-EICOSANE                 | 12.699 | 2490915  | 19.484 ug/ml  |
| 8) N-DOCOSANE                 | 13.895 | 2478059  | 19.867 ug/ml  |
| 10) N-TETRACOSANE             | 14.997 | 2442346  | 19.632 ug/ml  |
| 11) N-HEXACOSANE              | 16.017 | 2354909  | 19.245 ug/ml  |
| 12) N-OCTACOSANE              | 16.964 | 2403063  | 19.907 ug/ml  |
| 13) N-TRIACONTANE             | 17.851 | 2307065  | 19.312 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.681 | 2221015  | 18.802 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.462 | 1962831  | 17.591 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.199 | 1788135  | 17.587 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.903 | 1734812  | 17.336 ug/mlm |
| 18) N-TETRACONTANE            | 21.723 | 1806558  | 16.485 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : N4226-01MS  
Misc :  
ALS Vial : 59 Sample Multiplier: 1

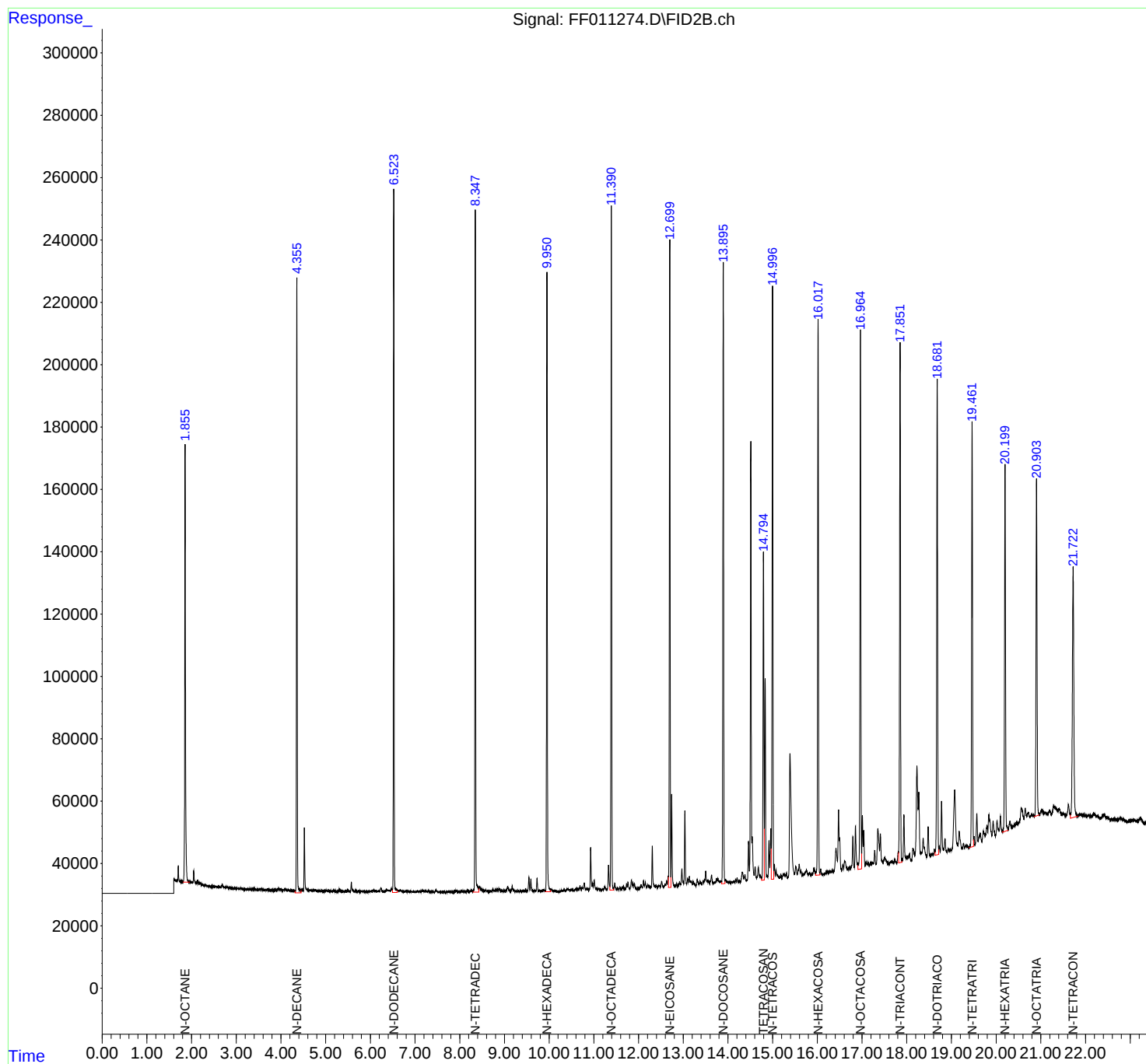
Instrument :  
FID\_F  
ClientSampleId :  
B-1MS

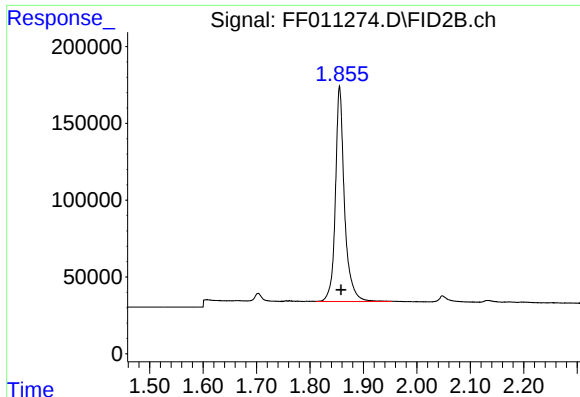
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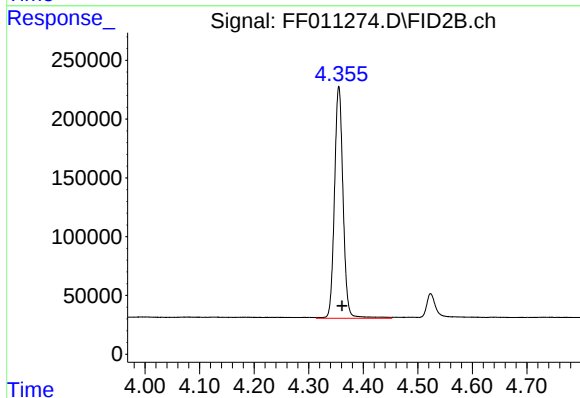
#1 N-OCTANE

R.T.: 1.855 min  
Delta R.T.: -0.003 min  
Response: 1659693  
Conc: 13.49 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
B-1MS

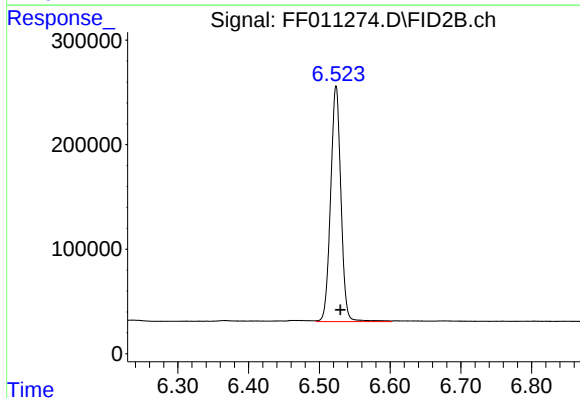
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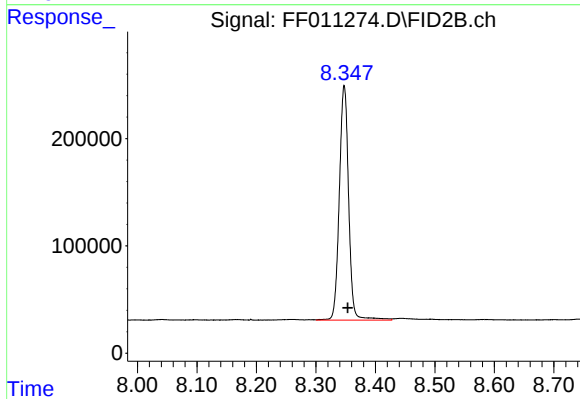
#2 N-DECANE

R.T.: 4.355 min  
Delta R.T.: -0.006 min  
Response: 2168403  
Conc: 17.41 ug/ml



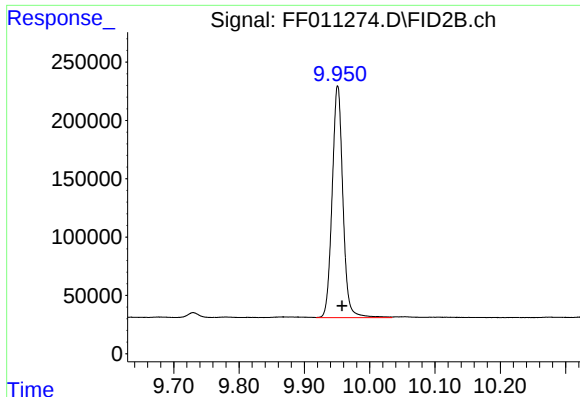
#3 N-DODECANE

R.T.: 6.524 min  
Delta R.T.: -0.006 min  
Response: 2288114  
Conc: 18.18 ug/ml



#4 N-TETRADECANE

R.T.: 8.348 min  
Delta R.T.: -0.006 min  
Response: 2387250  
Conc: 19.01 ug/ml



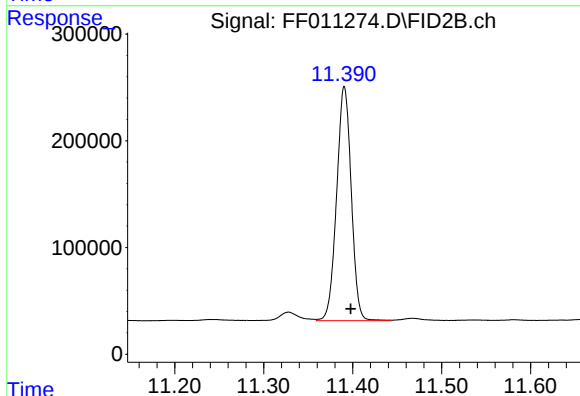
#5 N-HEXADECANE

R.T.: 9.951 min  
Delta R.T.: -0.007 min  
Response: 2274861  
Conc: 17.78 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
B-1MS

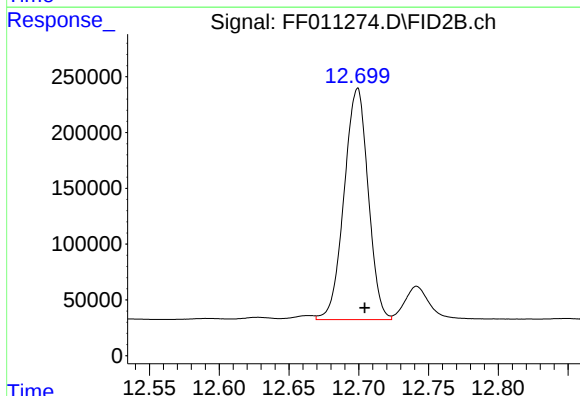
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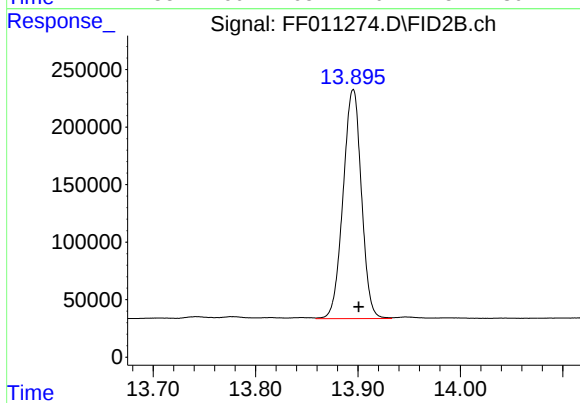
#6 N-OCTADECANE

R.T.: 11.391 min  
Delta R.T.: -0.007 min  
Response: 2504734  
Conc: 19.45 ug/ml



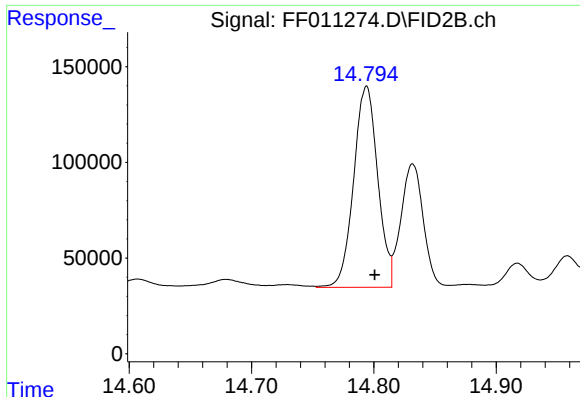
#7 N-EICOSANE

R.T.: 12.699 min  
Delta R.T.: -0.005 min  
Response: 2490915  
Conc: 19.48 ug/ml



#8 N-DOCOSANE

R.T.: 13.895 min  
Delta R.T.: -0.006 min  
Response: 2478059  
Conc: 19.87 ug/ml



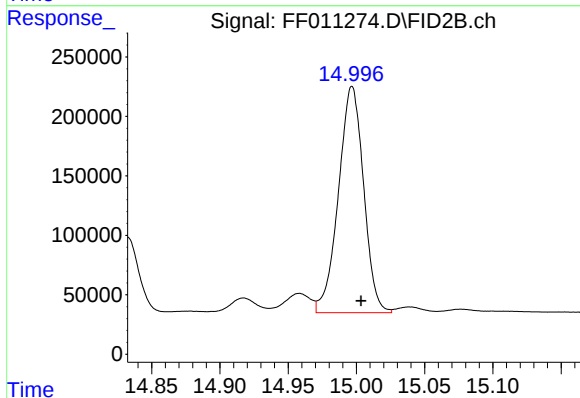
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.794 min  
Delta R.T.: -0.007 min  
Response: 1437547  
Conc: 13.23 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
B-1MS

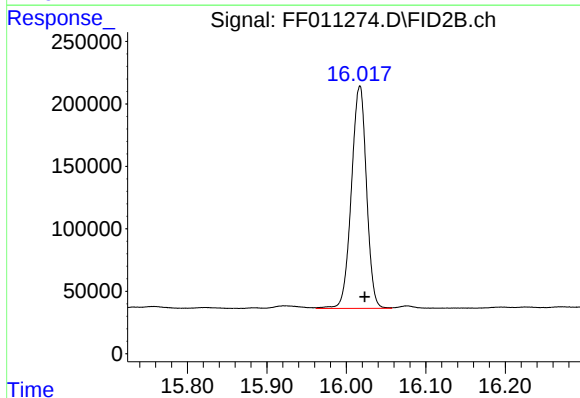
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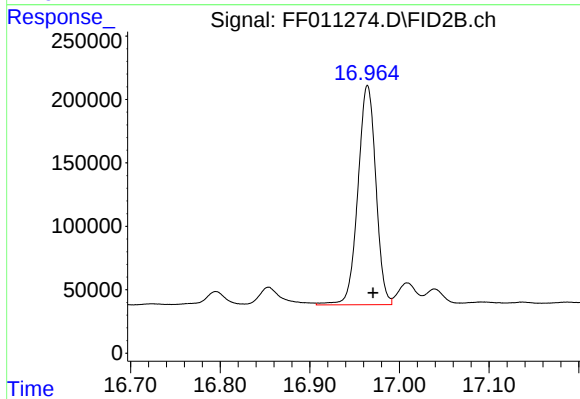
#10 N-TETRACOSANE

R.T.: 14.997 min  
Delta R.T.: -0.007 min  
Response: 2442346  
Conc: 19.63 ug/ml



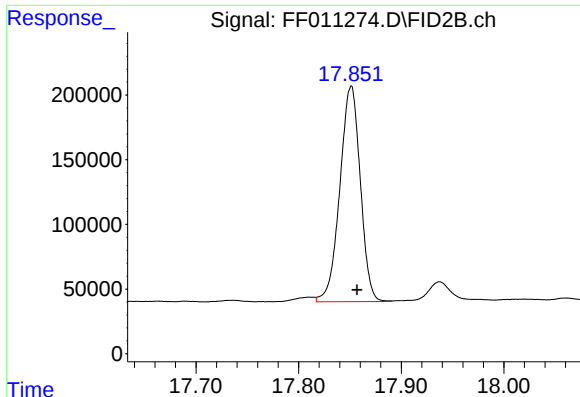
#11 N-HEXACOSANE

R.T.: 16.017 min  
Delta R.T.: -0.006 min  
Response: 2354909  
Conc: 19.25 ug/ml



#12 N-OCTACOSANE

R.T.: 16.964 min  
Delta R.T.: -0.006 min  
Response: 2403063  
Conc: 19.91 ug/ml



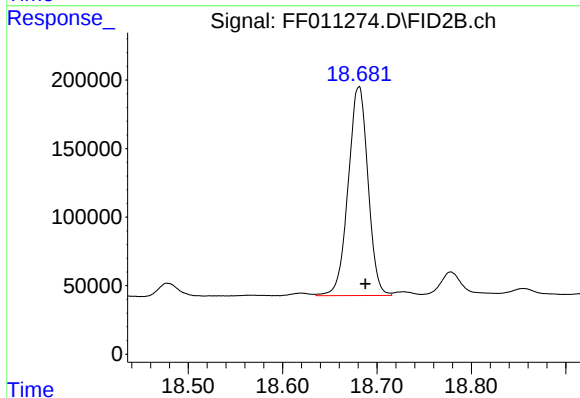
#13 N-TRIACONTANE

R.T.: 17.851 min  
Delta R.T.: -0.006 min  
Response: 2307065  
Conc: 19.31 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
B-1MS

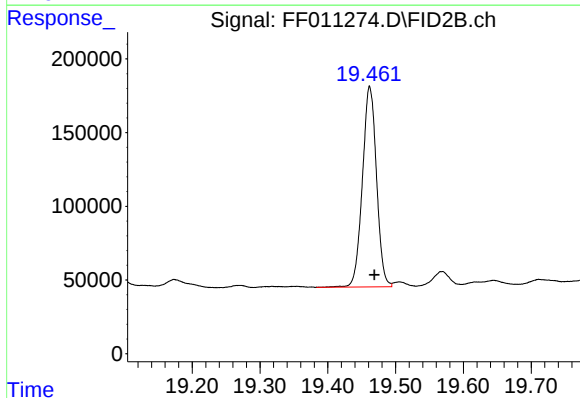
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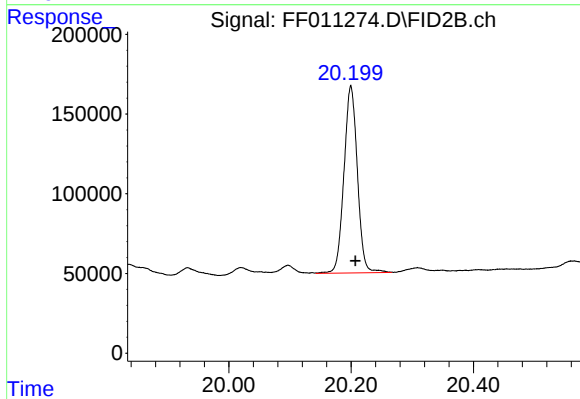
#14 N-DOTRIACONTANE

R.T.: 18.681 min  
Delta R.T.: -0.007 min  
Response: 2221015  
Conc: 18.80 ug/ml



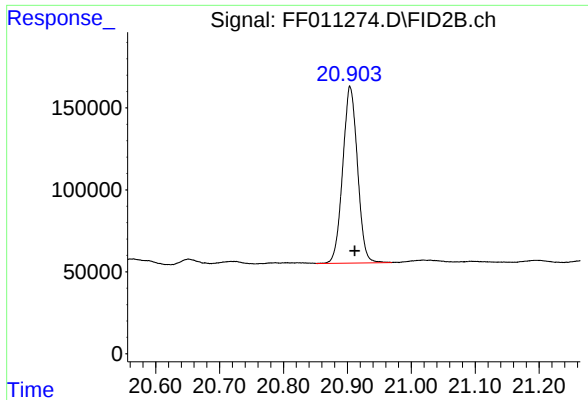
#15 N-TETRATRIACONTANE

R.T.: 19.462 min  
Delta R.T.: -0.007 min  
Response: 1962831  
Conc: 17.59 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.199 min  
Delta R.T.: -0.008 min  
Response: 1788135  
Conc: 17.59 ug/ml m



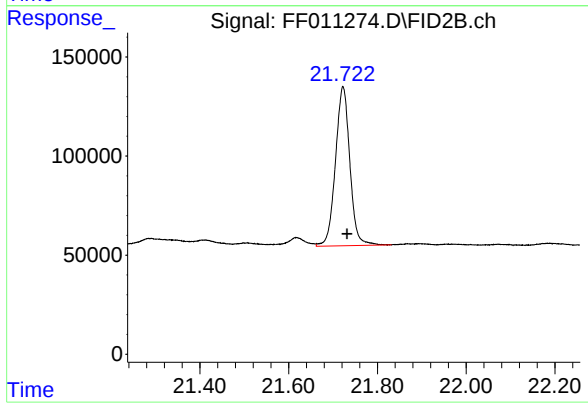
#17 N-OCTATRIACONTANE

R.T.: 20.903 min  
Delta R.T.: -0.008 min  
Response: 1734812  
Conc: 17.34 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
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#18 N-TETRACONTANE

R.T.: 21.723 min  
Delta R.T.: -0.009 min  
Response: 1806558  
Conc: 16.49 ug/ml