

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF042522\  
 Data File : FF010389.D  
 Signal(s) : FID2B.ch  
 Acq On : 25 Apr 2022 16:51  
 Operator : AJ\MA  
 Sample : N2549-02MS  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 S1MW-04-20220422MS

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 01:38:26 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF040122.M  
 Quant Title :  
 QLast Update : Fri Apr 01 11:58:56 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... | 14.612 | 2040748  | 17.073 ug/mlm |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.270  | 1803164  | 13.759 ug/ml  |
| 2) N-DECANE                   | 4.356  | 2484839  | 18.690 ug/ml  |
| 3) N-DODECANE                 | 6.372  | 2836480  | 21.303 ug/ml  |
| 4) N-TETRADECANE              | 8.167  | 2625959  | 19.806 ug/mlm |
| 5) N-HEXADECANE               | 9.766  | 2658902  | 20.028 ug/mlm |
| 6) N-OCTADECANE               | 11.209 | 3025223  | 22.003 ug/mlm |
| 7) N-EICOSANE                 | 12.518 | 2610955  | 19.434 ug/mlm |
| 8) N-DOCOSANE                 | 13.714 | 2485785  | 18.578 ug/mlm |
| 10) N-TETRACOSANE             | 14.817 | 2408885  | 17.989 ug/mlm |
| 11) N-HEXACOSANE              | 15.835 | 2343748  | 17.670 ug/mlm |
| 12) N-OCTACOSANE              | 16.785 | 2291756  | 17.291 ug/ml  |
| 13) N-TRIACONTANE             | 17.671 | 2227473  | 16.870 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.503 | 2056937  | 15.936 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.285 | 1790024  | 15.380 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.021 | 1508560  | 14.464 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.744 | 1342433  | 15.025 ug/mlm |
| 18) N-TETRACONTANE            | 21.619 | 1339869  | 15.295 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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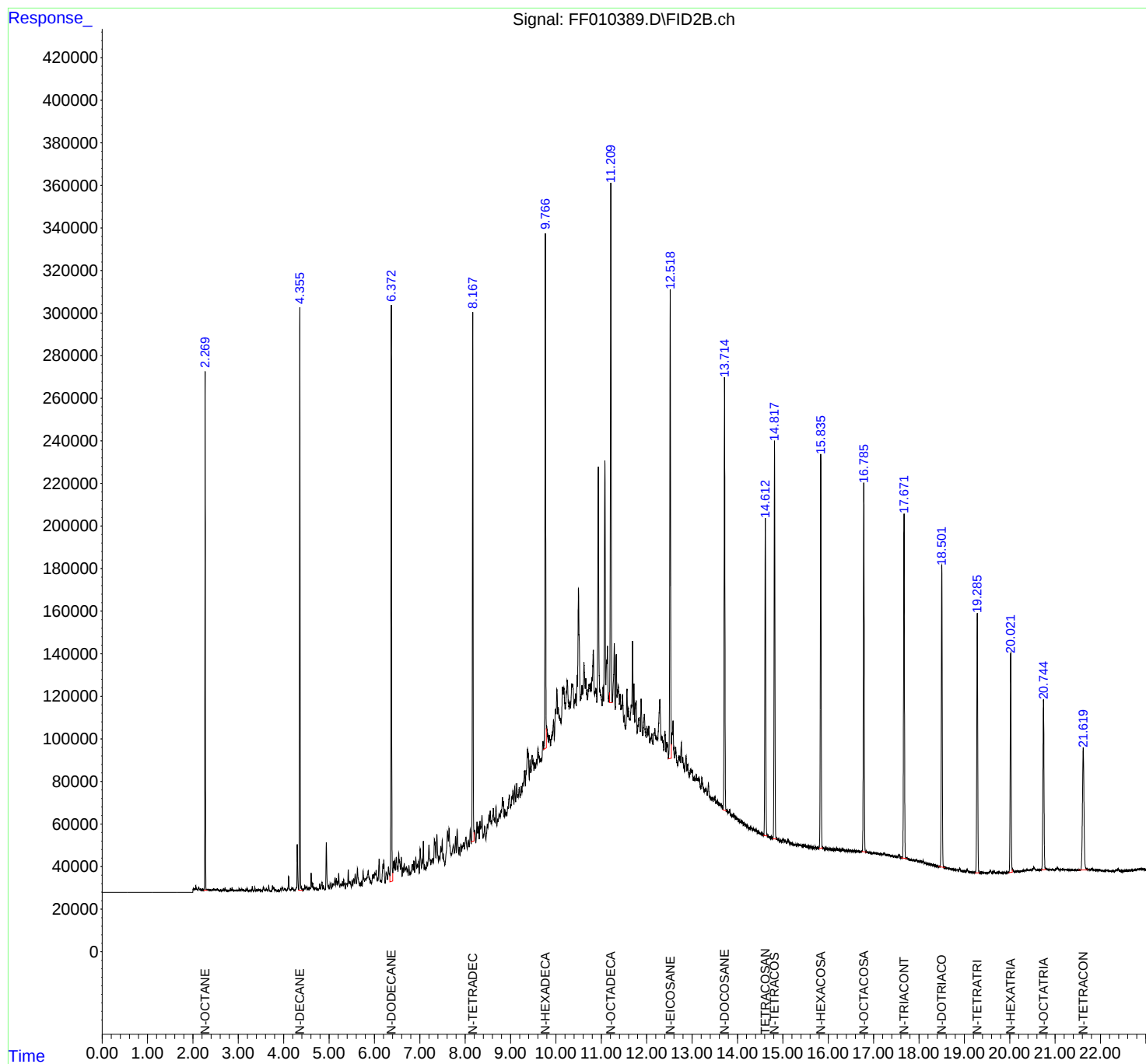
Instrument :  
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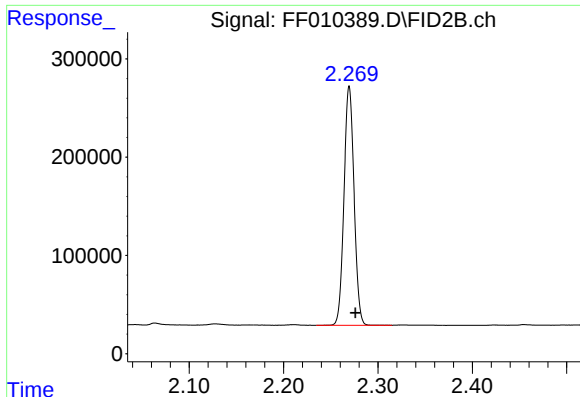
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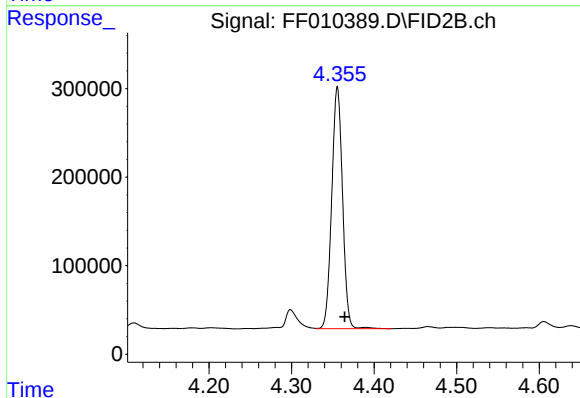
#1 N-OCTANE

R.T.: 2.270 min  
Delta R.T.: -0.006 min  
Response: 1803164  
Conc: 13.76 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
S1MW-04-20220422MS

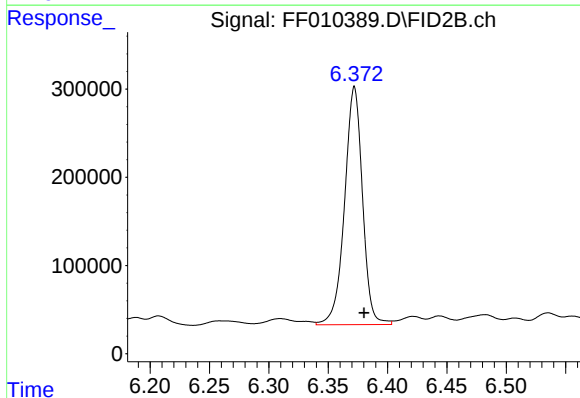
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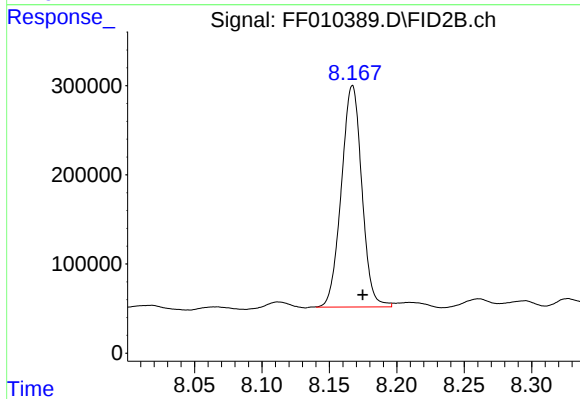
#2 N-DECANE

R.T.: 4.356 min  
Delta R.T.: -0.009 min  
Response: 2484839  
Conc: 18.69 ug/ml



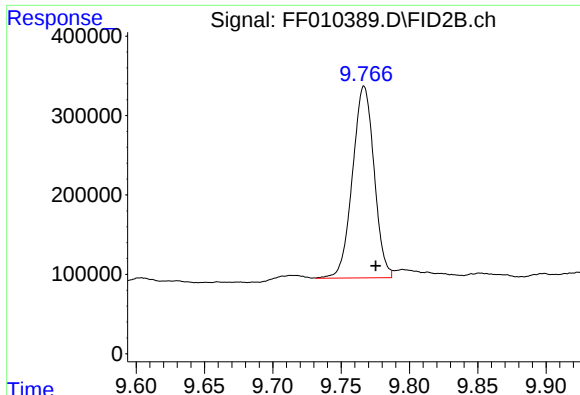
#3 N-DODECANE

R.T.: 6.372 min  
Delta R.T.: -0.008 min  
Response: 2836480  
Conc: 21.30 ug/ml



#4 N-TETRADECANE

R.T.: 8.167 min  
Delta R.T.: -0.008 min  
Response: 2625959  
Conc: 19.81 ug/ml m



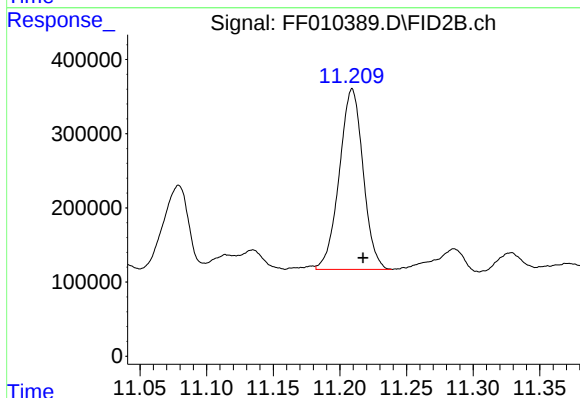
#5 N-HEXADECANE

R.T.: 9.766 min  
Delta R.T.: -0.009 min  
Response: 2658902  
Conc: 20.03 ug/ml

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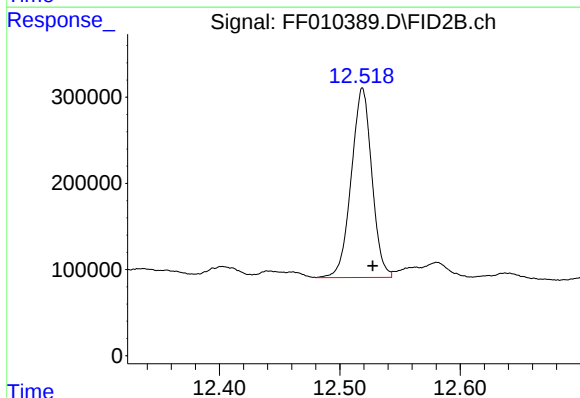
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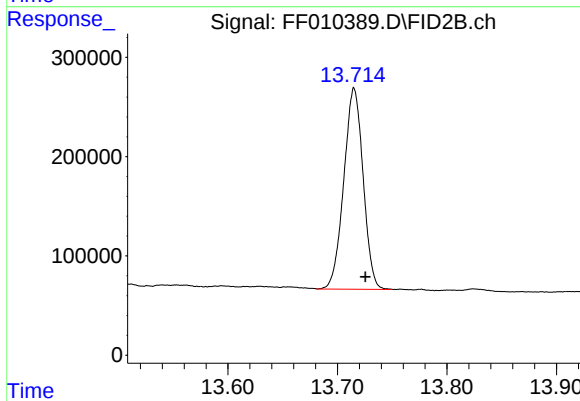
#6 N-OCTADECANE

R.T.: 11.209 min  
Delta R.T.: -0.008 min  
Response: 3025223  
Conc: 22.00 ug/ml m



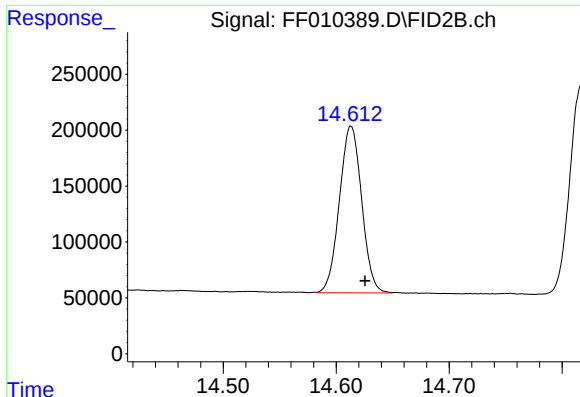
#7 N-EICOSANE

R.T.: 12.518 min  
Delta R.T.: -0.009 min  
Response: 2610955  
Conc: 19.43 ug/ml m



#8 N-DOCOSANE

R.T.: 13.714 min  
Delta R.T.: -0.011 min  
Response: 2485785  
Conc: 18.58 ug/ml m



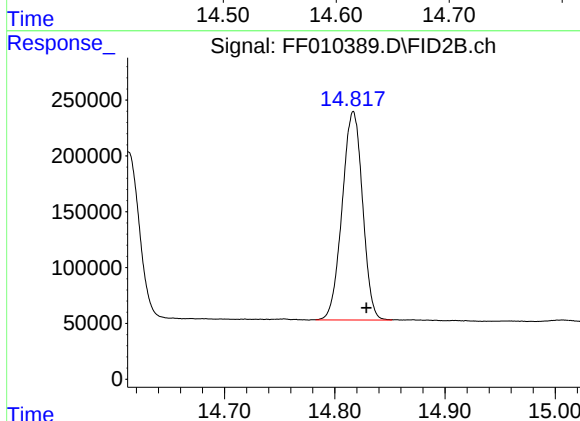
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.612 min  
Delta R.T.: -0.013 min  
Response: 2040748  
Conc: 17.07 ug/ml

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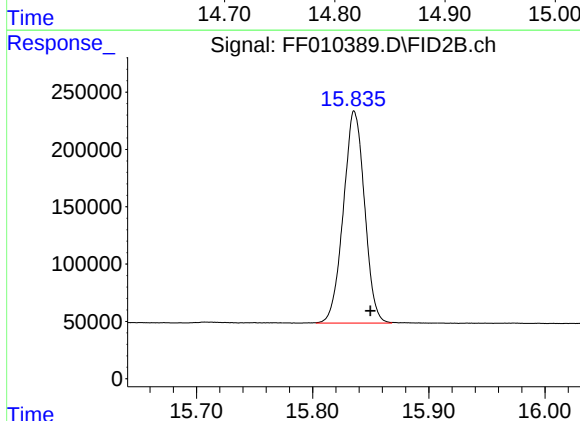
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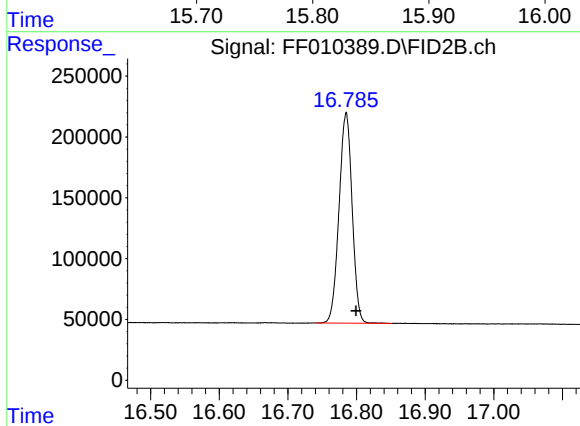
#10 N-TETRACOSANE

R.T.: 14.817 min  
Delta R.T.: -0.012 min  
Response: 2408885  
Conc: 17.99 ug/ml m



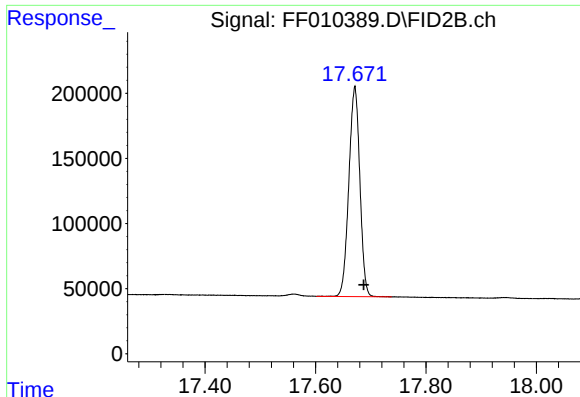
#11 N-HEXACOSANE

R.T.: 15.835 min  
Delta R.T.: -0.015 min  
Response: 2343748  
Conc: 17.67 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.785 min  
Delta R.T.: -0.015 min  
Response: 2291756  
Conc: 17.29 ug/ml



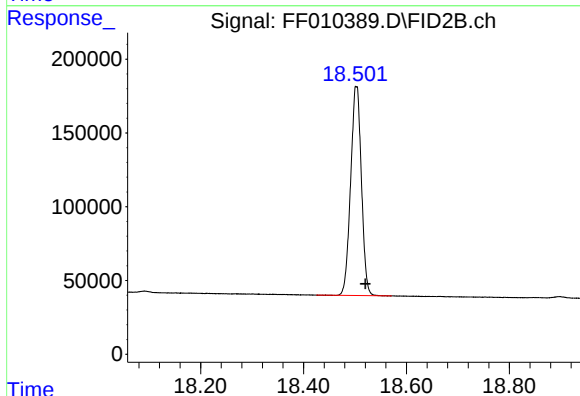
#13 N-TRIACONTANE

R.T.: 17.671 min  
Delta R.T.: -0.016 min  
Response: 2227473  
Conc: 16.87 ug/ml

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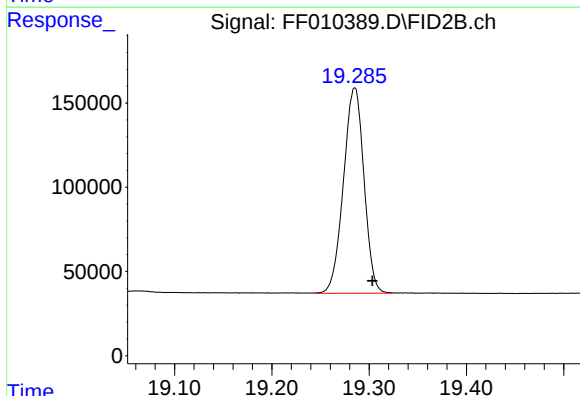
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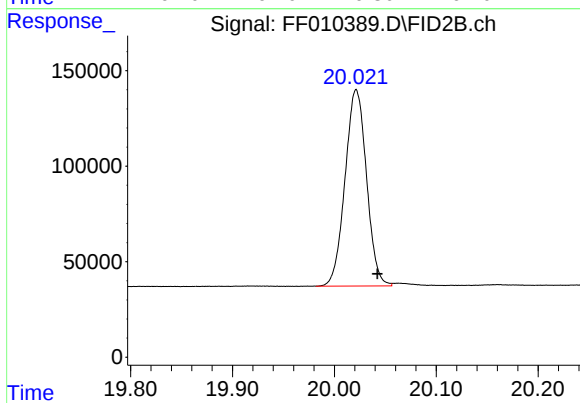
#14 N-DOTRIACONTANE

R.T.: 18.503 min  
Delta R.T.: -0.018 min  
Response: 2056937  
Conc: 15.94 ug/ml



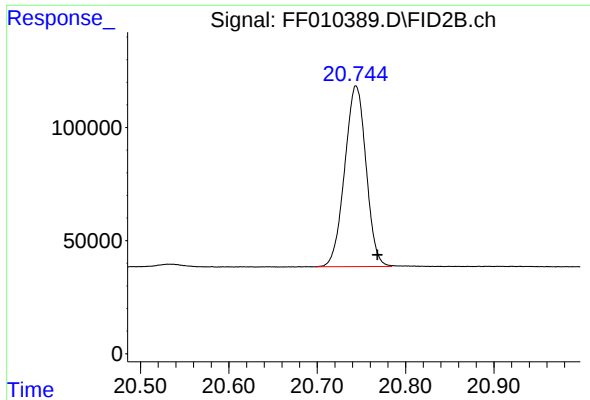
#15 N-TETRATRIACONTANE

R.T.: 19.285 min  
Delta R.T.: -0.018 min  
Response: 1790024  
Conc: 15.38 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.021 min  
Delta R.T.: -0.021 min  
Response: 1508560  
Conc: 14.46 ug/ml m



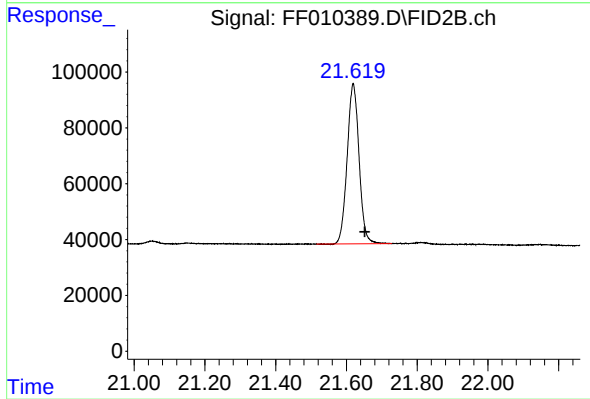
#17 N-OCTATRIACONTANE

R.T.: 20.744 min  
Delta R.T.: -0.024 min  
Response: 1342433  
Conc: 15.03 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.619 min  
Delta R.T.: -0.032 min  
Response: 1339869  
Conc: 15.30 ug/ml