

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF042722\  
 Data File : FF010420.D  
 Signal(s) : FID2B.ch  
 Acq On : 27 Apr 2022 18:25  
 Operator : AJ\MA  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 50 PPM TRPH STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/28/2022  
 Supervised By :mohammad ahmed 04/29/2022

Integration File: Sample.e  
 Quant Time: Apr 28 02:13:55 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 | 5520820  | 46.188 ug/mlm |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.264  | 6741904  | 51.445 ug/ml  |
| 2) N-DECANE                   | 4.356  | 6840071  | 51.449 ug/ml  |
| 3) N-DODECANE                 | 6.373  | 6684385  | 50.203 ug/ml  |
| 4) N-TETRADECANE              | 8.167  | 6607125  | 49.832 ug/ml  |
| 5) N-HEXADECANE               | 9.768  | 6556742  | 49.388 ug/ml  |
| 6) N-OCTADECANE               | 11.209 | 6659382  | 48.436 ug/ml  |
| 7) N-EICOSANE                 | 12.517 | 6399156  | 47.629 ug/ml  |
| 8) N-DOCOSANE                 | 13.715 | 6285944  | 46.980 ug/ml  |
| 10) N-TETRACOSANE             | 14.817 | 6216054  | 46.421 ug/ml  |
| 11) N-HEXACOSANE              | 15.837 | 6107442  | 46.046 ug/mlm |
| 12) N-OCTACOSANE              | 16.786 | 6023978  | 45.450 ug/ml  |
| 13) N-TRIACONTANE             | 17.673 | 5988550  | 45.356 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.504 | 5817214  | 45.069 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.285 | 5387575  | 46.290 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.023 | 4822492  | 46.237 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.745 | 4452358  | 49.834 ug/mlm |
| 18) N-TETRACONTANE            | 21.621 | 4405522  | 50.292 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 53 Sample Multiplier: 1

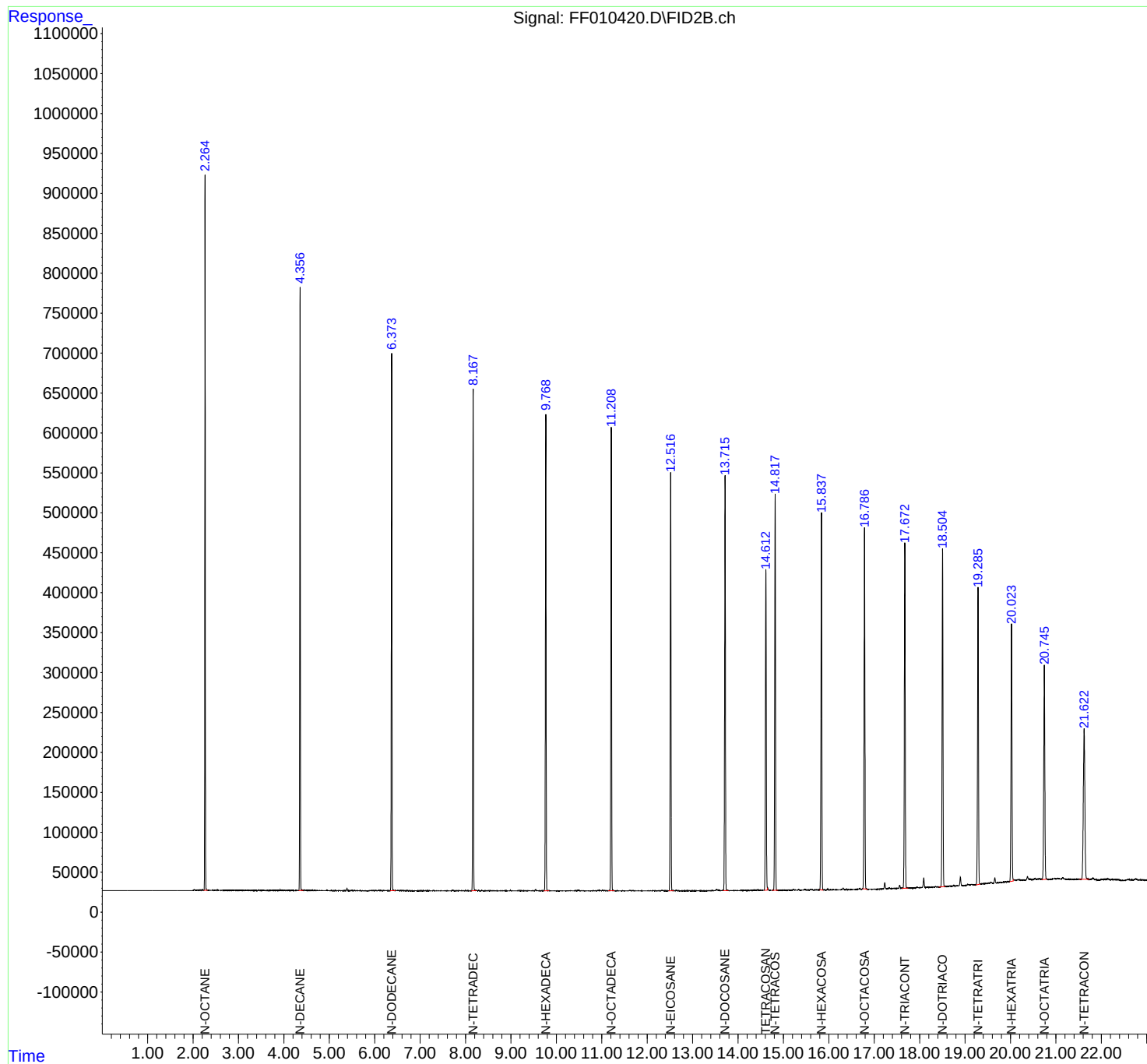
Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

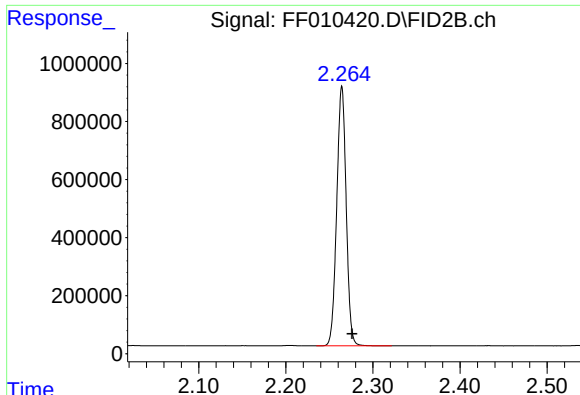
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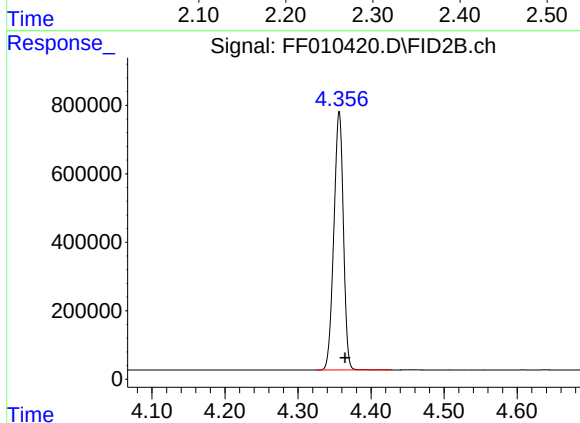
#1 N-OCTANE

R.T.: 2.264 min  
Delta R.T.: -0.012 min  
Response: 6741904  
Conc: 51.45 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

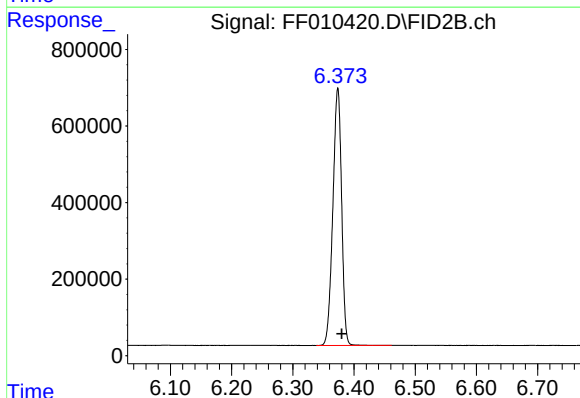
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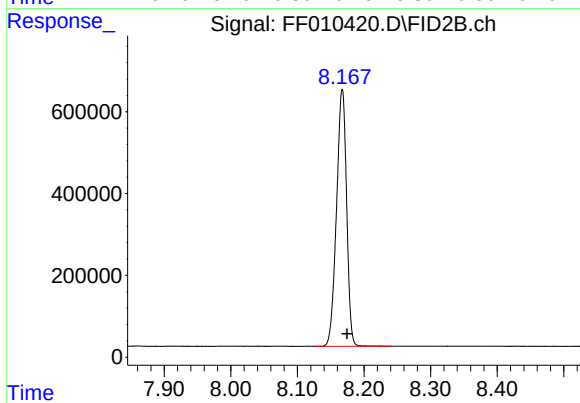
#2 N-DECANE

R.T.: 4.356 min  
Delta R.T.: -0.008 min  
Response: 6840071  
Conc: 51.45 ug/ml



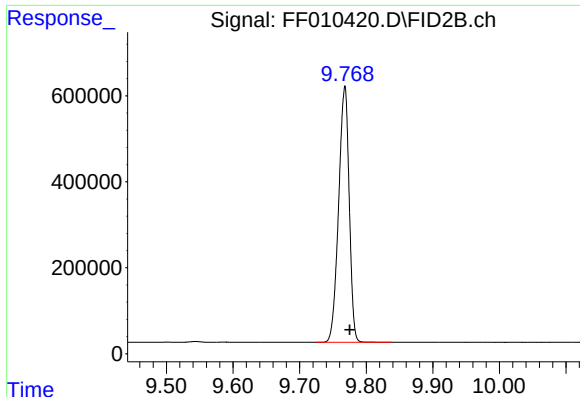
#3 N-DODECANE

R.T.: 6.373 min  
Delta R.T.: -0.007 min  
Response: 6684385  
Conc: 50.20 ug/ml



#4 N-TETRADECANE

R.T.: 8.167 min  
Delta R.T.: -0.007 min  
Response: 6607125  
Conc: 49.83 ug/ml



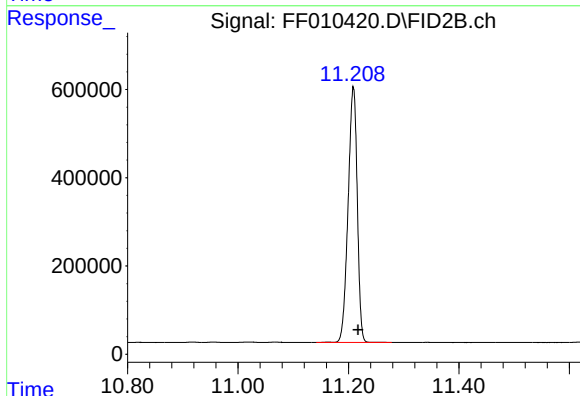
#5 N-HEXADECANE

R.T.: 9.768 min  
Delta R.T.: -0.008 min  
Response: 6556742  
Conc: 49.39 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

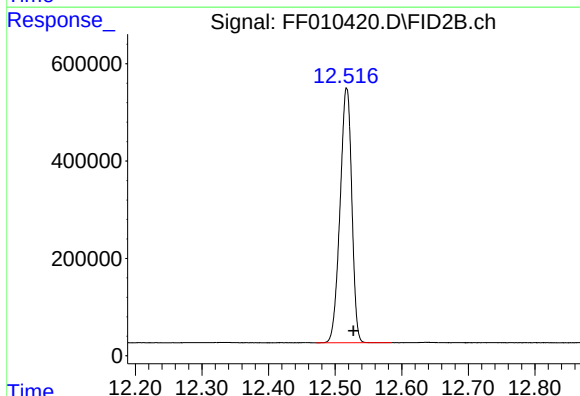
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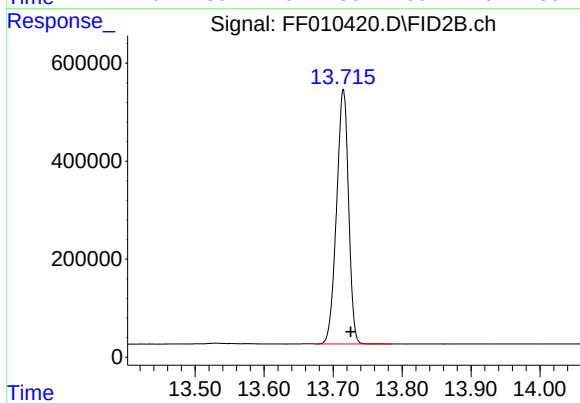
#6 N-OCTADECANE

R.T.: 11.209 min  
Delta R.T.: -0.009 min  
Response: 6659382  
Conc: 48.44 ug/ml



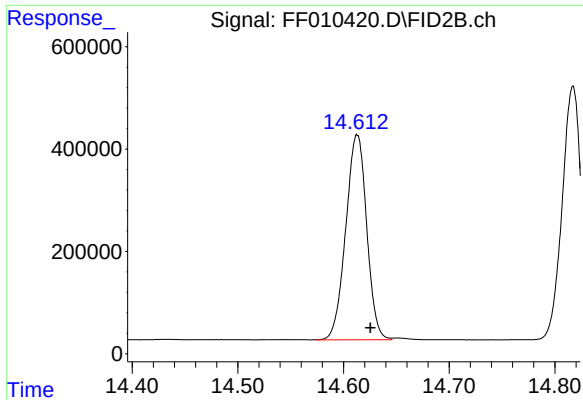
#7 N-EICOSANE

R.T.: 12.517 min  
Delta R.T.: -0.010 min  
Response: 6399156  
Conc: 47.63 ug/ml



#8 N-DOCOSANE

R.T.: 13.715 min  
Delta R.T.: -0.011 min  
Response: 6285944  
Conc: 46.98 ug/ml



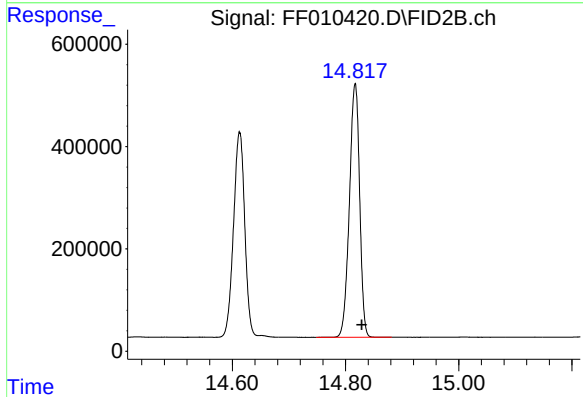
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.612 min  
Delta R.T.: -0.013 min  
Response: 5520820  
Conc: 46.19 ug/ml

Instrument :  
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ClientSampleId :  
50 PPM TRPH STD

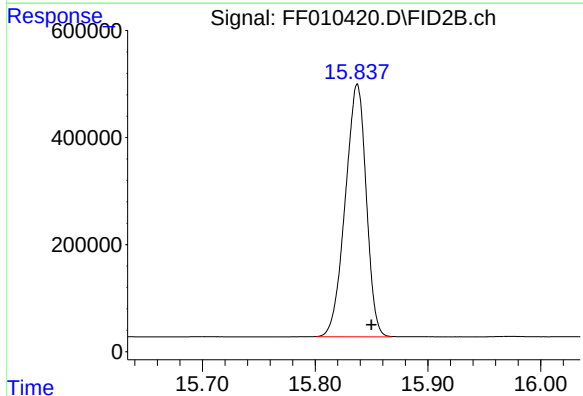
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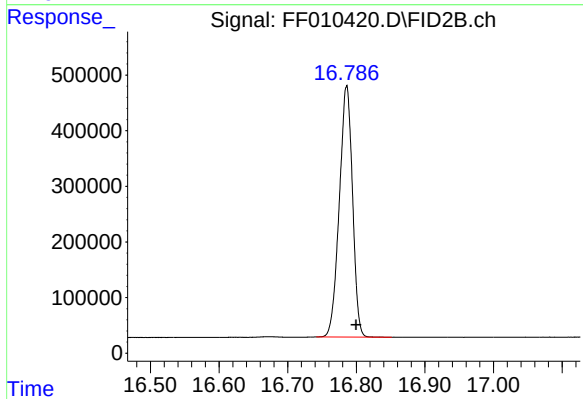
#10 N-TETRACOSANE

R.T.: 14.817 min  
Delta R.T.: -0.012 min  
Response: 6216054  
Conc: 46.42 ug/ml



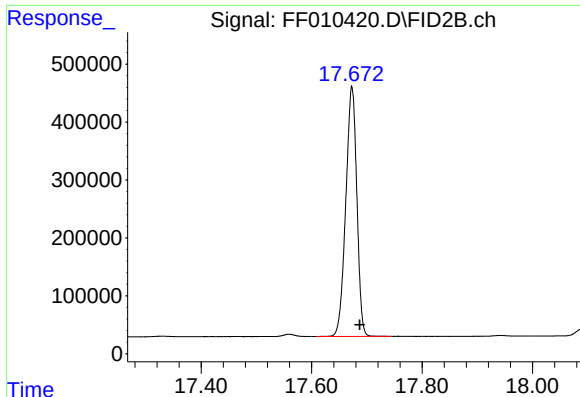
#11 N-HEXACOSANE

R.T.: 15.837 min  
Delta R.T.: -0.013 min  
Response: 6107442  
Conc: 46.05 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.786 min  
Delta R.T.: -0.014 min  
Response: 6023978  
Conc: 45.45 ug/ml



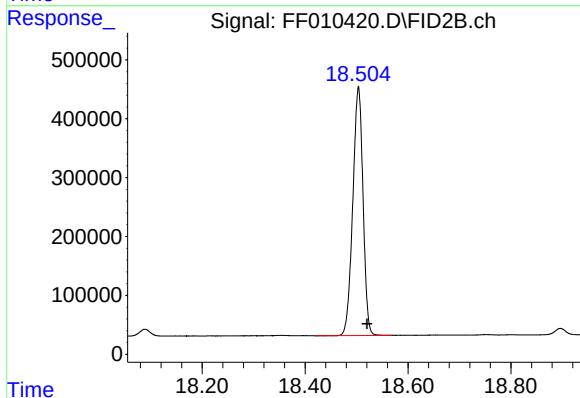
#13 N-TRIACONTANE

R.T.: 17.673 min  
Delta R.T.: -0.014 min  
Response: 5988550  
Conc: 45.36 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

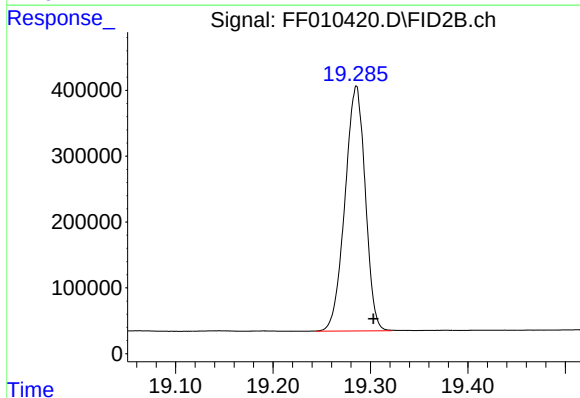
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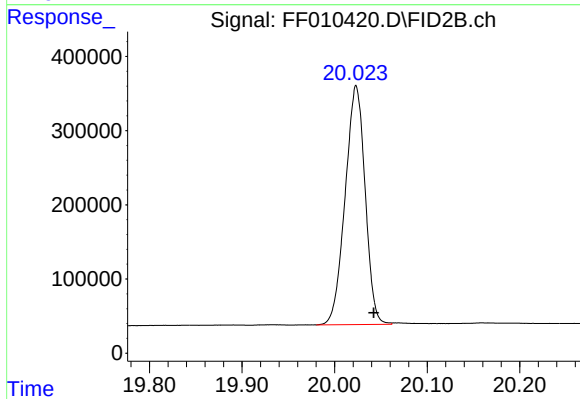
#14 N-DOTRIACONTANE

R.T.: 18.504 min  
Delta R.T.: -0.017 min  
Response: 5817214  
Conc: 45.07 ug/ml



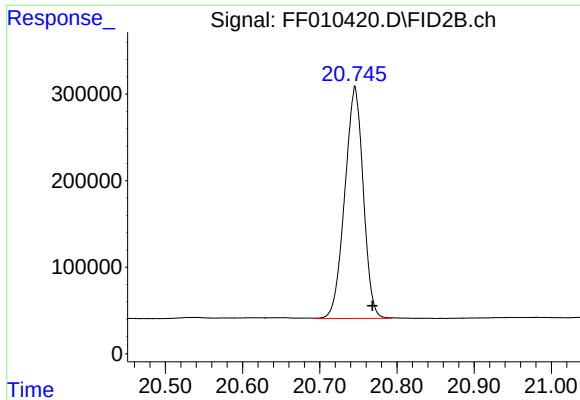
#15 N-TETRATRIACONTANE

R.T.: 19.285 min  
Delta R.T.: -0.018 min  
Response: 5387575  
Conc: 46.29 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.023 min  
Delta R.T.: -0.020 min  
Response: 4822492  
Conc: 46.24 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.745 min  
Delta R.T.: -0.023 min  
Response: 4452358  
Conc: 49.83 ug/ml

Instrument :

FID\_F

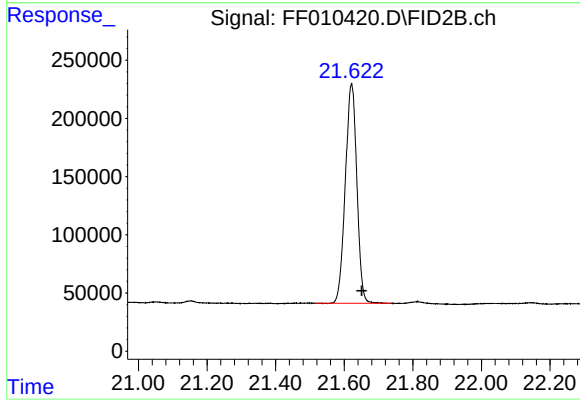
ClientSampleId :  
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#18 N-TETRACONTANE

R.T.: 21.621 min  
Delta R.T.: -0.030 min  
Response: 4405522  
Conc: 50.29 ug/ml