

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF050924\  
 Data File : FF014155.D  
 Signal(s) : FID2B.ch  
 Acq On : 09 May 2024 12:52  
 Operator : YP\AJ  
 Sample : 5 TRPH STD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 5 TRPH STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/10/2024  
 Supervised By :Ankita Jodhani 05/10/2024

Integration File: autoint1.e  
 Quant Time: May 09 13:10:05 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF050924.M  
 Quant Title :  
 QLast Update : Thu May 09 13:09:51 2024  
 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... | 14.938 | 502360   | 4.974 ug/ml  |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.978  | 624328   | 5.581 ug/ml  |
| 2) N-DECANE                   | 4.490  | 600340   | 5.385 ug/ml  |
| 3) N-DODECANE                 | 6.654  | 588507   | 5.236 ug/ml  |
| 4) N-TETRADECANE              | 8.480  | 595105   | 5.182 ug/ml  |
| 5) N-HEXADECANE               | 10.087 | 603938   | 5.154 ug/ml  |
| 6) N-OCTADECANE               | 11.529 | 643130   | 5.279 ug/ml  |
| 7) N-EICOSANE                 | 12.839 | 634843   | 5.184 ug/ml  |
| 8) N-DOCOSANE                 | 14.038 | 589487   | 5.054 ug/ml  |
| 10) N-TETRACOSANE             | 15.142 | 583853   | 5.075 ug/ml  |
| 11) N-HEXACOSANE              | 16.165 | 552519   | 5.026 ug/ml  |
| 12) N-OCTACOSANE              | 17.115 | 537840   | 5.037 ug/ml  |
| 13) N-TRIACONTANE             | 18.005 | 463187   | 4.356 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.844 | 200070   | 2.220 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.637 | 31176    | 0.450 ug/mlm |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID2B.ch  
Acq On : 09 May 2024 12:52  
Operator : YP\AJ  
Sample : 5 TRPH STD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

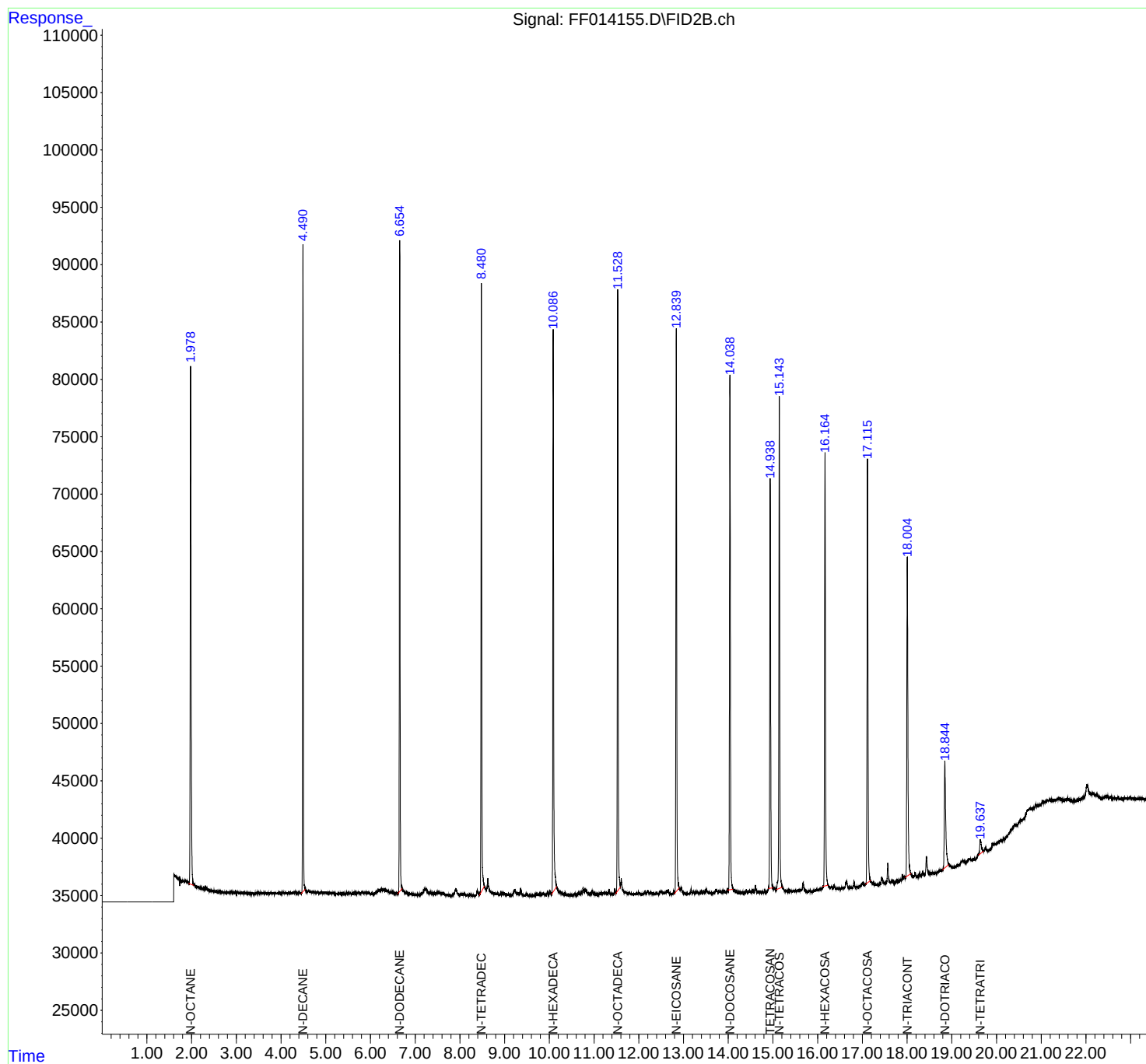
Instrument :  
FID\_F  
ClientSampleId :  
5 TRPH STD

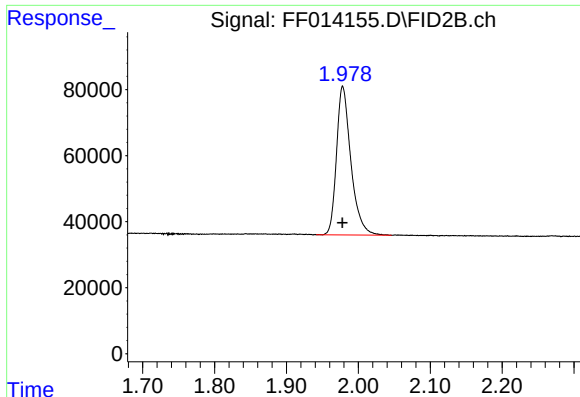
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Integrator: ChemStation

Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





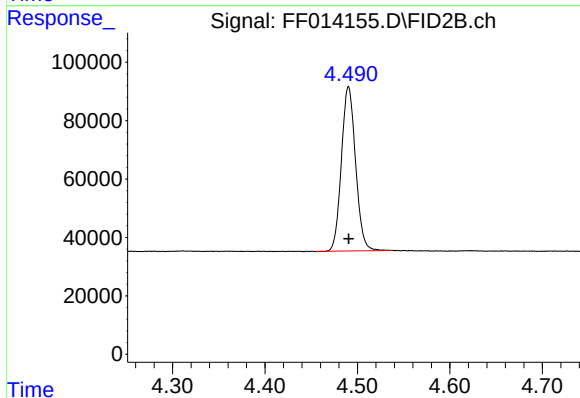
#1 N-OCTANE

R.T.: 1.978 min  
Delta R.T.: 0.000 min  
Response: 624328  
Conc: 5.58 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
5 TRPH STD

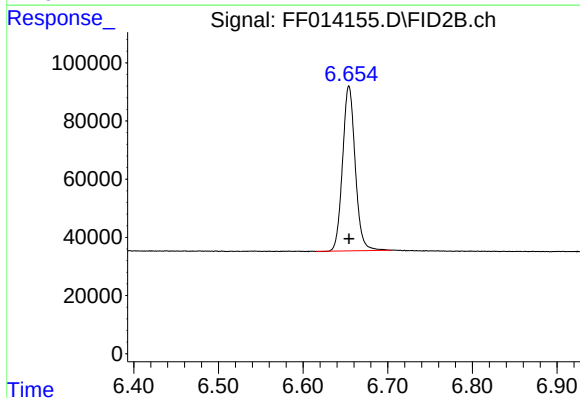
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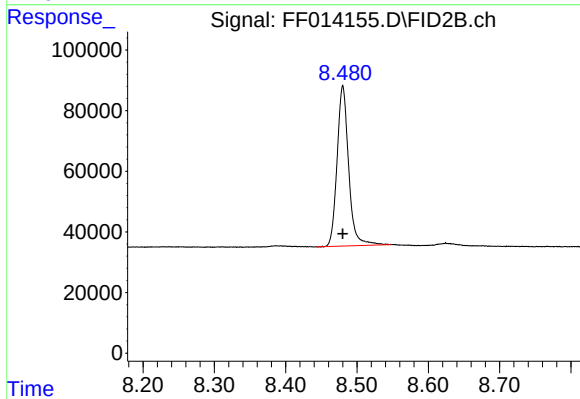
#2 N-DECANE

R.T.: 4.490 min  
Delta R.T.: 0.000 min  
Response: 600340  
Conc: 5.39 ug/ml



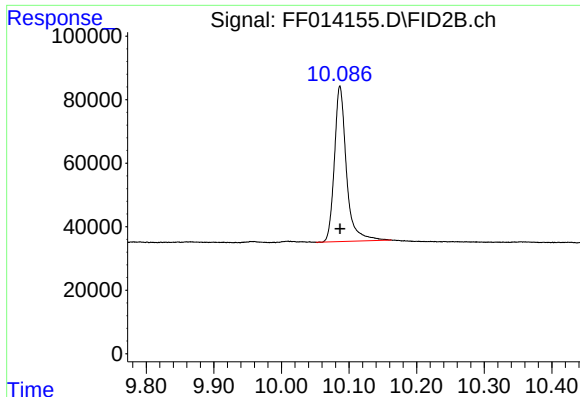
#3 N-DODECANE

R.T.: 6.654 min  
Delta R.T.: 0.000 min  
Response: 588507  
Conc: 5.24 ug/ml



#4 N-TETRADECANE

R.T.: 8.480 min  
Delta R.T.: 0.000 min  
Response: 595105  
Conc: 5.18 ug/ml



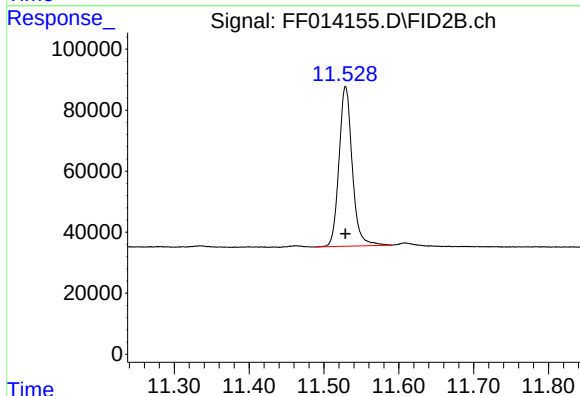
#5 N-HEXADECANE

R.T.: 10.087 min  
Delta R.T.: 0.000 min  
Response: 603938  
Conc: 5.15 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
5 TRPH STD

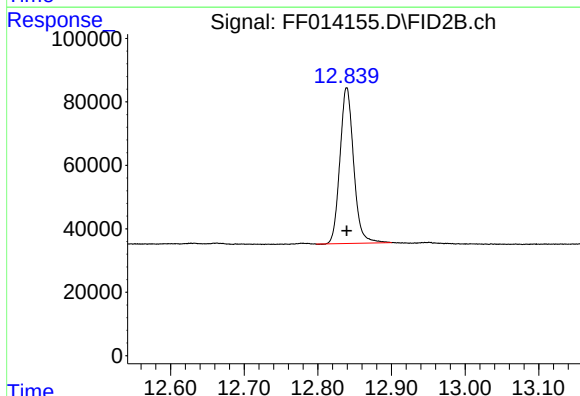
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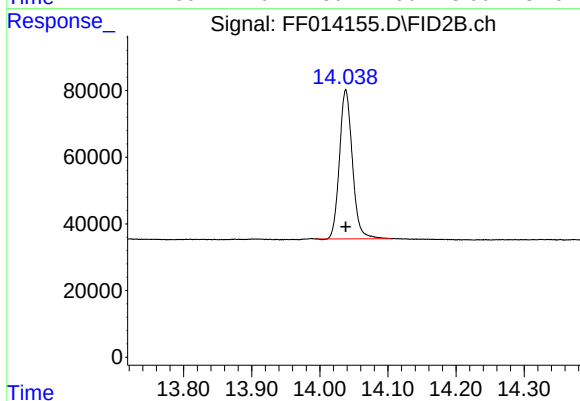
#6 N-OCTADECANE

R.T.: 11.529 min  
Delta R.T.: 0.000 min  
Response: 643130  
Conc: 5.28 ug/ml



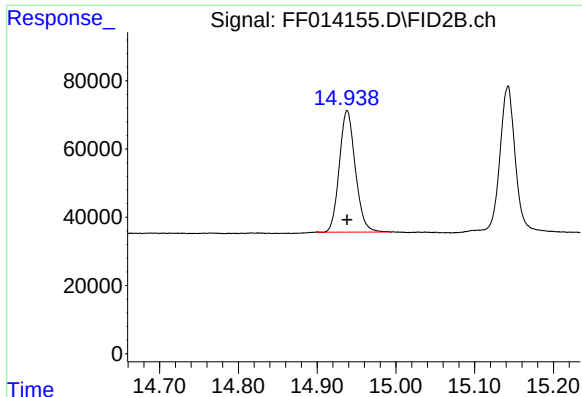
#7 N-EICOSANE

R.T.: 12.839 min  
Delta R.T.: 0.000 min  
Response: 634843  
Conc: 5.18 ug/ml



#8 N-DOCOSANE

R.T.: 14.038 min  
Delta R.T.: 0.000 min  
Response: 589487  
Conc: 5.05 ug/ml



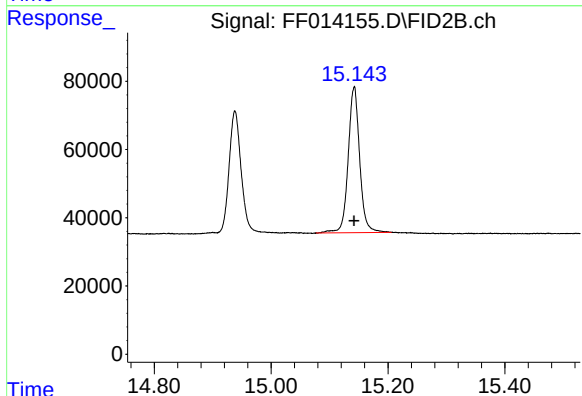
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.938 min  
Delta R.T.: 0.000 min  
Response: 502360  
Conc: 4.97 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
5 TRPH STD

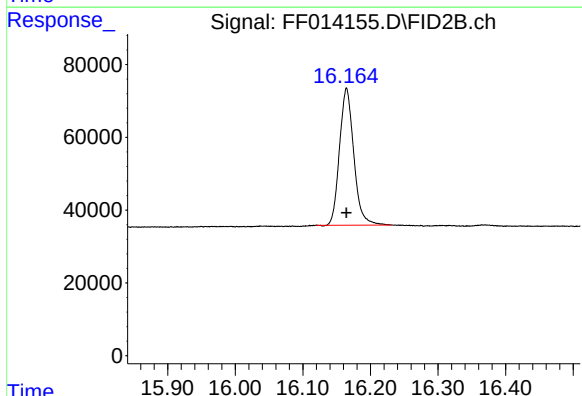
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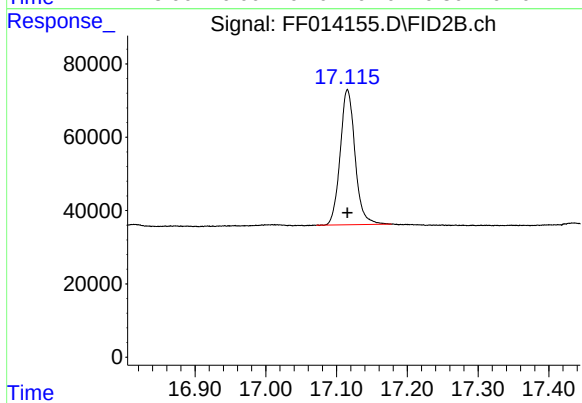
#10 N-TETRACOSANE

R.T.: 15.142 min  
Delta R.T.: 0.000 min  
Response: 583853  
Conc: 5.08 ug/ml



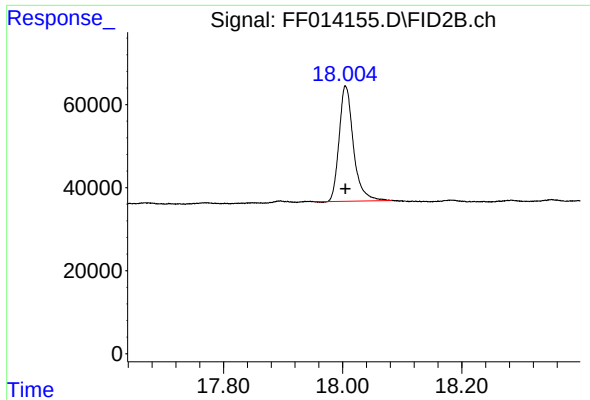
#11 N-HEXACOSANE

R.T.: 16.165 min  
Delta R.T.: 0.000 min  
Response: 552519  
Conc: 5.03 ug/ml



#12 N-OCTACOSANE

R.T.: 17.115 min  
Delta R.T.: 0.000 min  
Response: 537840  
Conc: 5.04 ug/ml



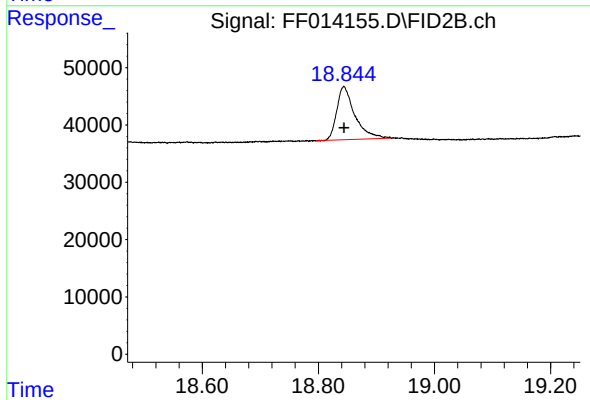
#13 N-TRIACONTANE

R.T.: 18.005 min  
Delta R.T.: 0.000 min  
Response: 463187  
Conc: 4.36 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
5 TRPH STD

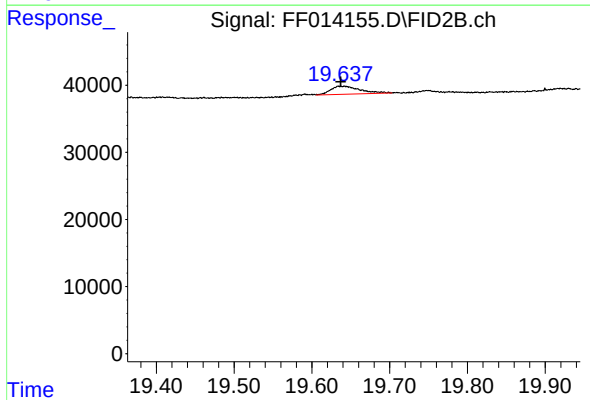
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#14 N-DOTRIACONTANE

R.T.: 18.844 min  
Delta R.T.: 0.000 min  
Response: 200070  
Conc: 2.22 ug/ml



#15 N-TETRATRIACONTANE

R.T.: 19.637 min  
Delta R.T.: 0.000 min  
Response: 31176  
Conc: 0.45 ug/ml m