

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF031423\  
 Data File : FF012266.D  
 Signal(s) : FID2B.ch  
 Acq On : 14 Mar 2023 15:47  
 Operator : YP\AJ  
 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 03/15/2023  
 Supervised By :Ankita Jodhani 03/15/2023

Integration File: autoint1.e  
 Quant Time: Mar 15 04:30:18 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF022123.M  
 Quant Title :  
 QLast Update : Tue Feb 21 16:12:39 2023  
 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... | 15.028 | 5216942  | 43.972 ug/mlm |
| Target Compounds              |        |          |               |
| 2) N-DECANE                   | 4.591  | 5904679  | 44.035 ug/ml  |
| 3) N-DODECANE                 | 6.753  | 6052197  | 44.547 ug/ml  |
| 4) N-TETRADECANE              | 8.579  | 6154178  | 44.207 ug/ml  |
| 5) N-HEXADECANE               | 10.184 | 6288141  | 44.174 ug/ml  |
| 6) N-OCTADECANE               | 11.625 | 6298579  | 44.307 ug/ml  |
| 7) N-EICOSANE                 | 12.933 | 6214193  | 44.046 ug/ml  |
| 8) N-DOCOSANE                 | 14.130 | 5930201  | 43.962 ug/ml  |
| 10) N-TETRACOSANE             | 15.232 | 5807588  | 43.836 ug/ml  |
| 11) N-HEXACOSANE              | 16.252 | 5588535  | 43.810 ug/ml  |
| 12) N-OCTACOSANE              | 17.201 | 5397542  | 43.976 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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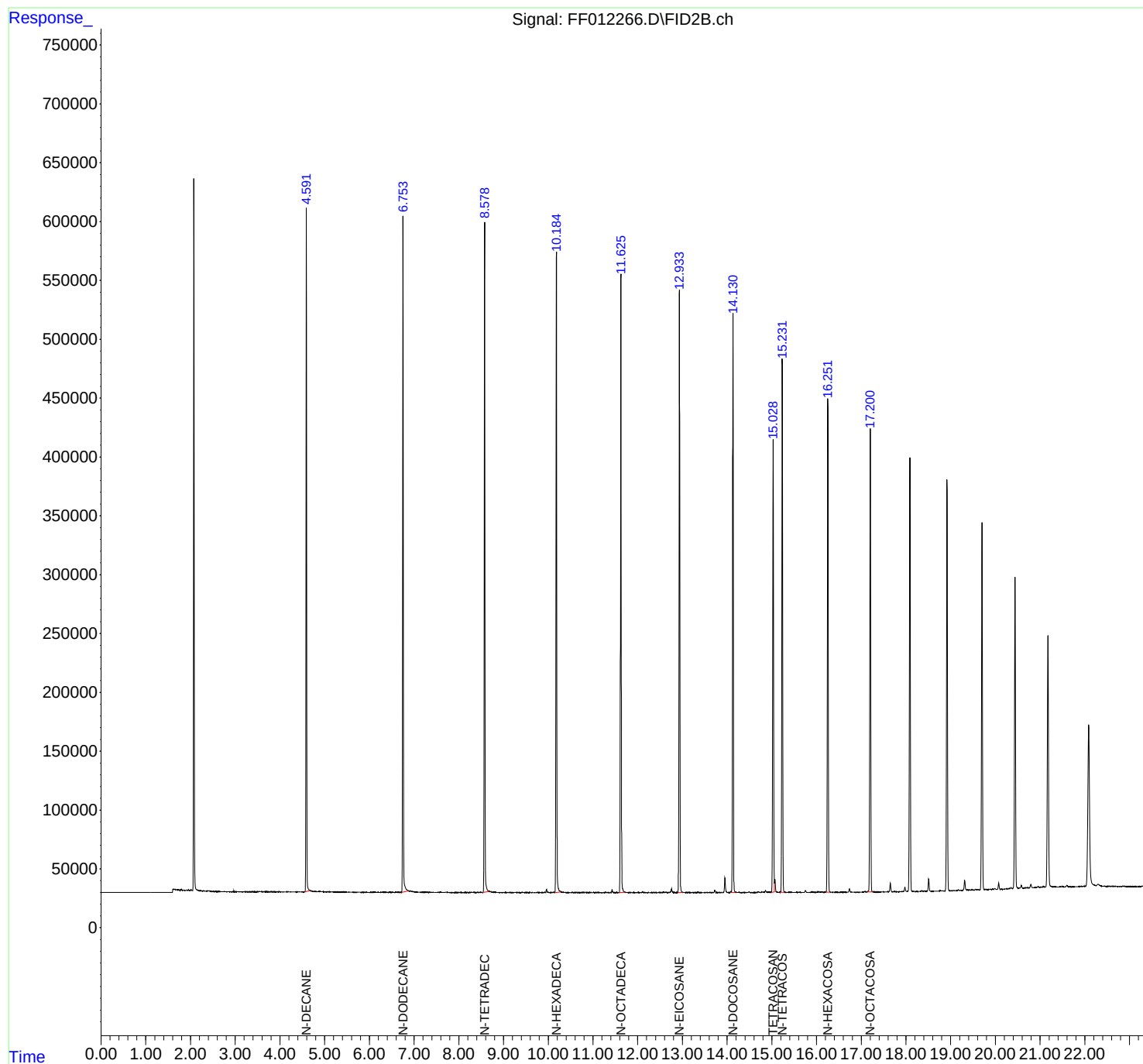
Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

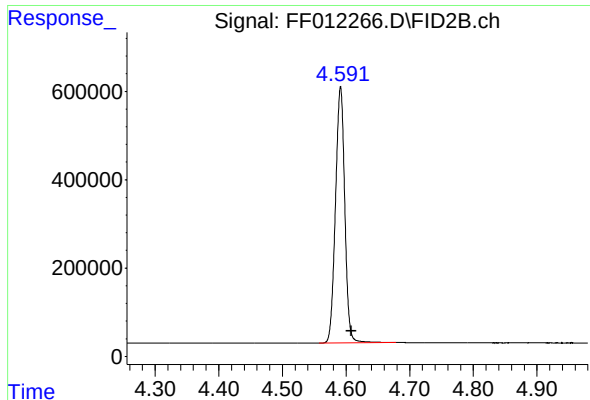
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Quant Title :  
QLast Update : Tue Feb 21 16:12:39 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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





#2 N-DECANE

R.T.: 4.591 min  
Delta R.T.: -0.017 min  
Response: 5904679  
Conc: 44.03 ug/ml

Instrument :

FID\_F

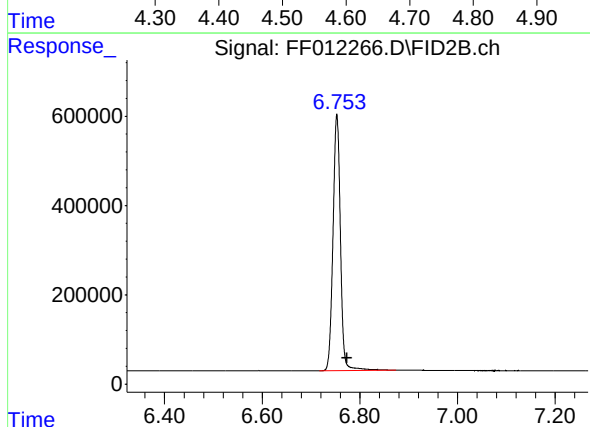
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

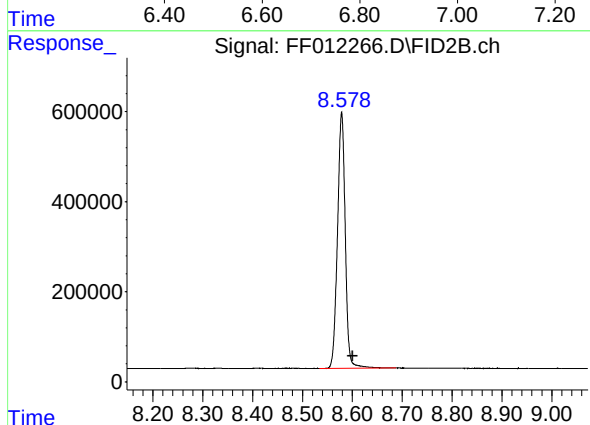
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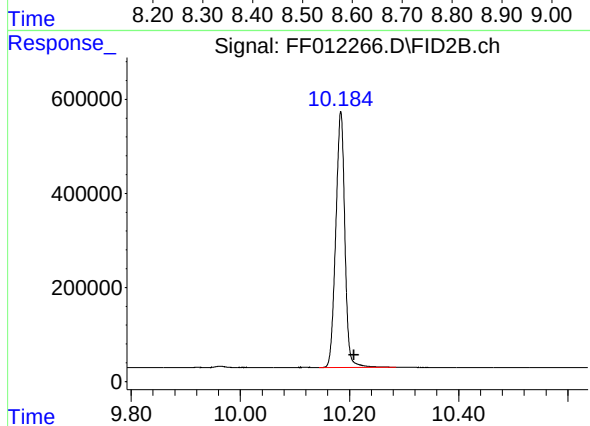
#3 N-DODECANE

R.T.: 6.753 min  
Delta R.T.: -0.020 min  
Response: 6052197  
Conc: 44.55 ug/ml



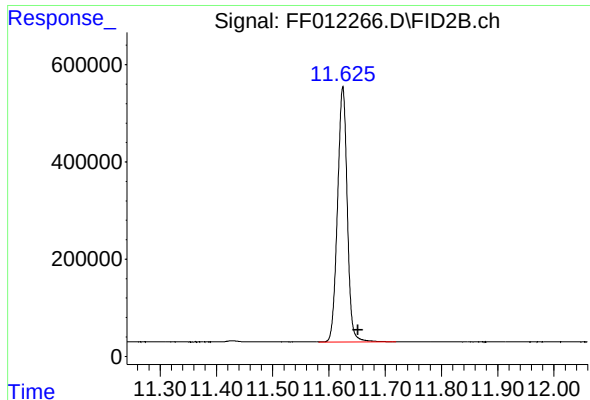
#4 N-TETRADECANE

R.T.: 8.579 min  
Delta R.T.: -0.022 min  
Response: 6154178  
Conc: 44.21 ug/ml



#5 N-HEXADECANE

R.T.: 10.184 min  
Delta R.T.: -0.024 min  
Response: 6288141  
Conc: 44.17 ug/ml



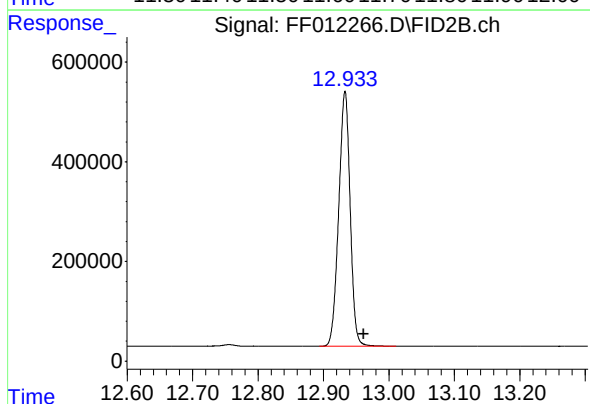
#6 N-OCTADECANE

R.T.: 11.625 min  
Delta R.T.: -0.027 min  
Response: 6298579  
Conc: 44.31 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM TRPH STD

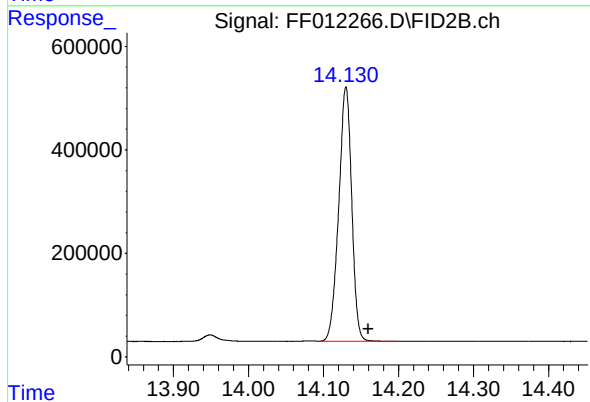
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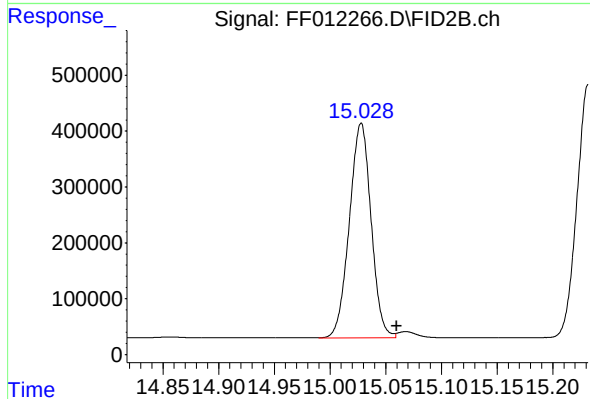
#7 N-EICOSANE

R.T.: 12.933 min  
Delta R.T.: -0.028 min  
Response: 6214193  
Conc: 44.05 ug/ml



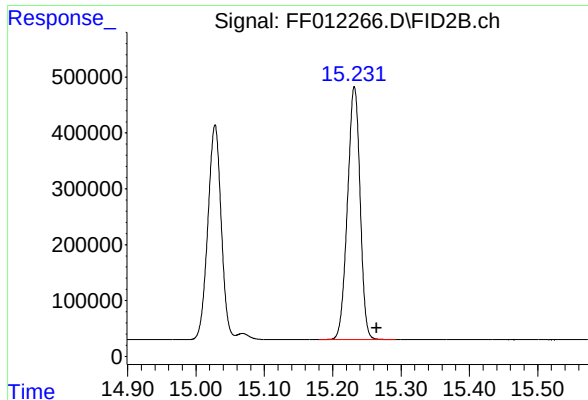
#8 N-DOCOSANE

R.T.: 14.130 min  
Delta R.T.: -0.030 min  
Response: 5930201  
Conc: 43.96 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.028 min  
Delta R.T.: -0.032 min  
Response: 5216942  
Conc: 43.97 ug/ml m



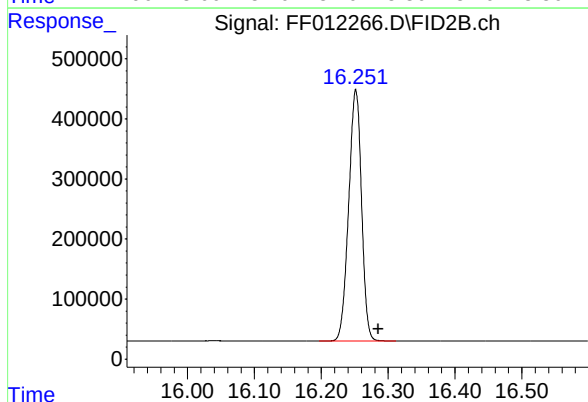
#10 N-TETRACOSANE

R.T.: 15.232 min  
Delta R.T.: -0.033 min  
Response: 5807588  
Conc: 43.84 ug/ml

Instrument :  
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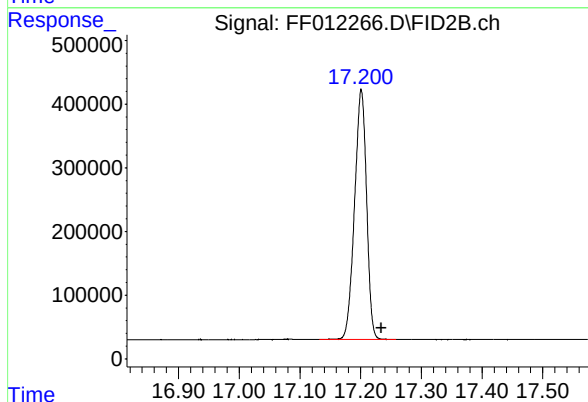
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#11 N-HEXACOSANE

R.T.: 16.252 min  
Delta R.T.: -0.033 min  
Response: 5588535  
Conc: 43.81 ug/ml



#12 N-OCTACOSANE

R.T.: 17.201 min  
Delta R.T.: -0.034 min  
Response: 5397542  
Conc: 43.98 ug/ml