

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG030823\  
 Data File : FG011550.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Mar 2023 23:11  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 50 PPM TRPH STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/09/2023  
 Supervised By :Ankita Jodhani 03/09/2023

Integration File: autoint1.e  
 Quant Time: Mar 08 23:33:18 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG022123.M  
 Quant Title :  
 QLast Update : Tue Feb 21 16:44:49 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... | 15.070 | 4523090  | 43.003 ug/ml  |
| Target Compounds              |        |          |               |
| 2) N-DECANE                   | 4.590  | 5370210  | 44.082 ug/ml  |
| 3) N-DODECANE                 | 6.761  | 5311869  | 42.958 ug/ml  |
| 4) N-TETRADECANE              | 8.593  | 5234083  | 42.361 ug/ml  |
| 5) N-HEXADECANE               | 10.205 | 5329602  | 42.242 ug/ml  |
| 6) N-OCTADECANE               | 11.652 | 5344928  | 42.338 ug/ml  |
| 7) N-EICOSANE                 | 12.966 | 5329952  | 42.581 ug/ml  |
| 8) N-DOCOSANE                 | 14.167 | 5128689  | 42.746 ug/ml  |
| 10) N-TETRACOSANE             | 15.276 | 5119559  | 43.386 ug/ml  |
| 11) N-HEXACOSANE              | 16.298 | 4968040  | 43.645 ug/mlm |
| 12) N-OCTACOSANE              | 17.252 | 4865321  | 44.339 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : 50 PPM TRPH STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

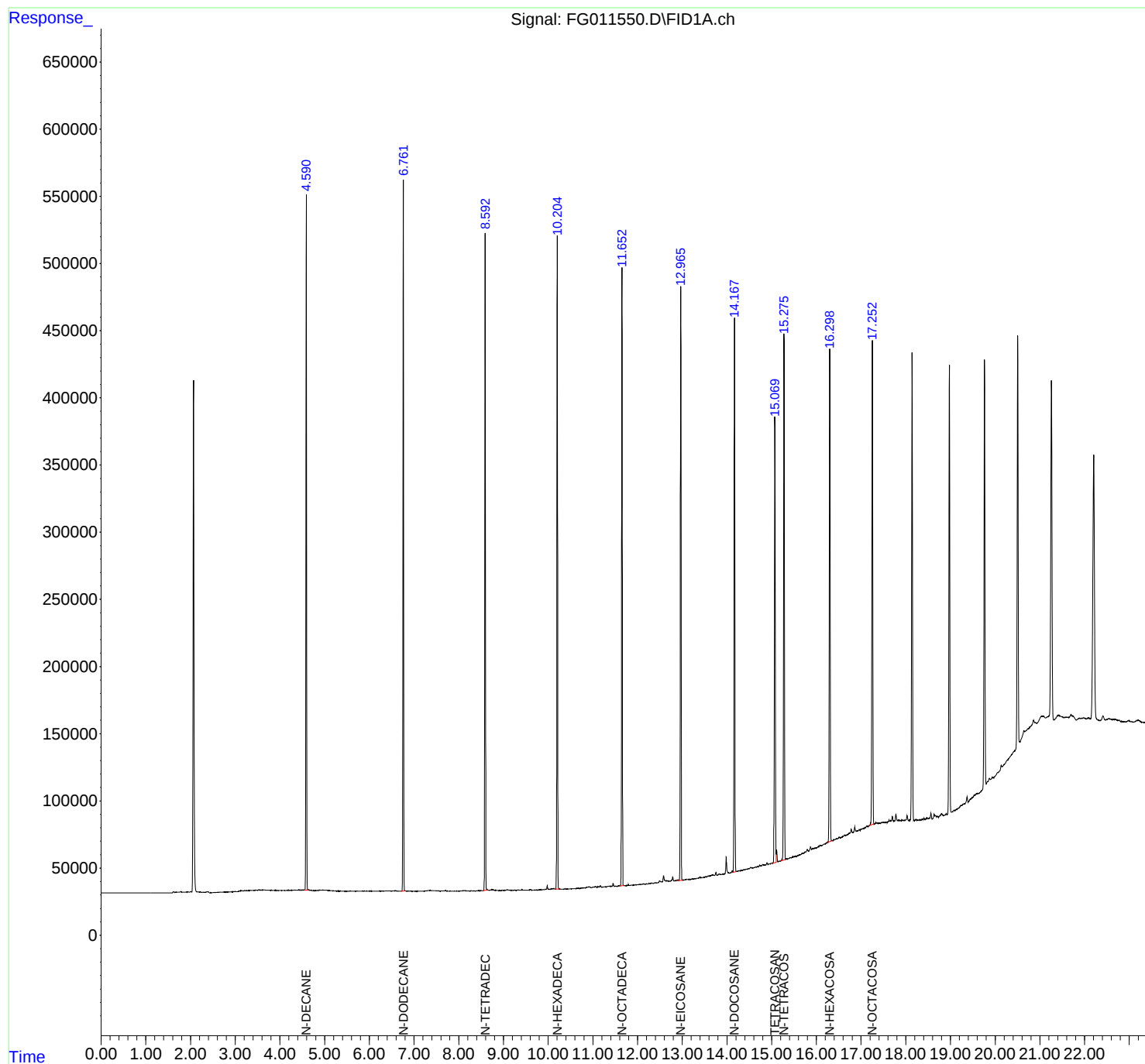
Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

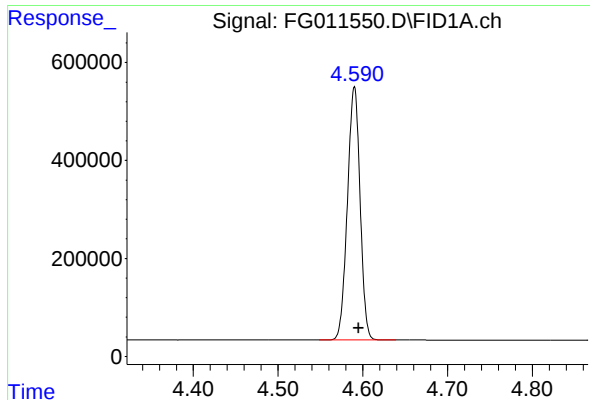
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Quant Title :  
QLast Update : Tue Feb 21 16:44:49 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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





#2 N-DECANE

R.T.: 4.590 min  
Delta R.T.: -0.005 min  
Response: 5370210  
Conc: 44.08 ug/ml

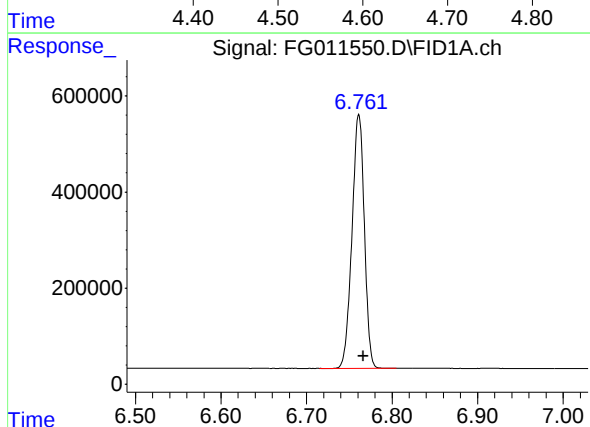
Instrument :

FID\_G

ClientSampleId :  
50 PPM TRPH STD

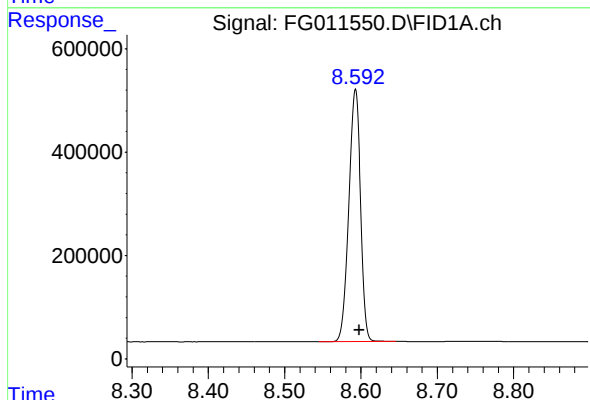
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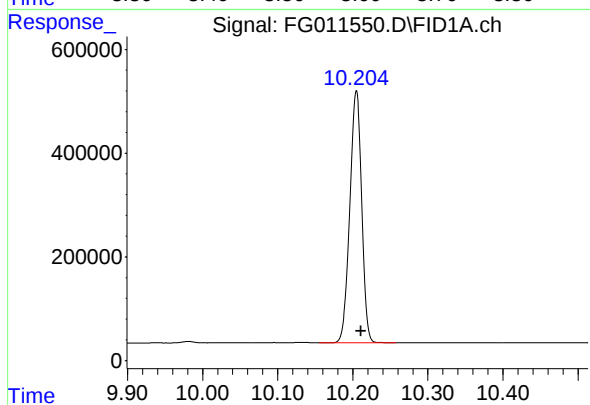
#3 N-DODECANE

R.T.: 6.761 min  
Delta R.T.: -0.005 min  
Response: 5311869  
Conc: 42.96 ug/ml



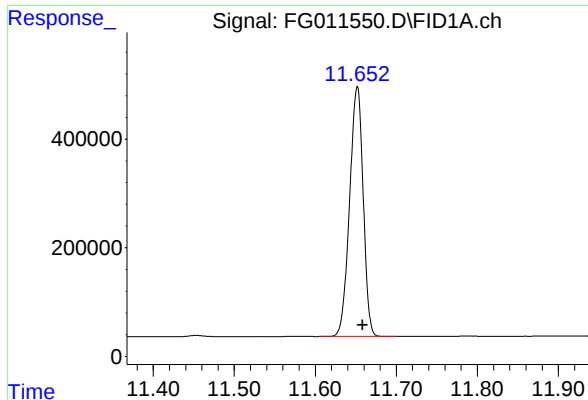
#4 N-TETRADECANE

R.T.: 8.593 min  
Delta R.T.: -0.005 min  
Response: 5234083  
Conc: 42.36 ug/ml



#5 N-HEXADECANE

R.T.: 10.205 min  
Delta R.T.: -0.006 min  
Response: 5329602  
Conc: 42.24 ug/ml



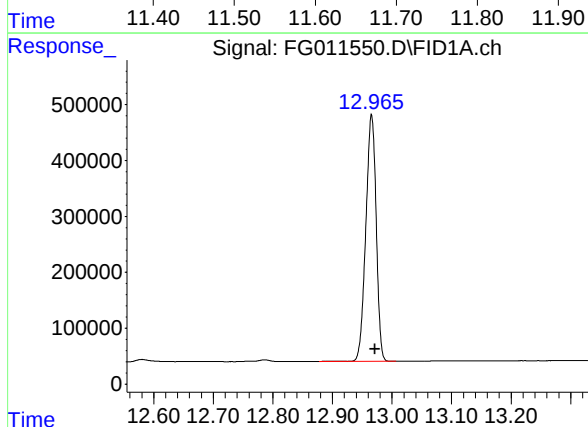
#6 N-OCTADECANE

R.T.: 11.652 min  
Delta R.T.: -0.006 min  
Response: 5344928  
Conc: 42.34 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

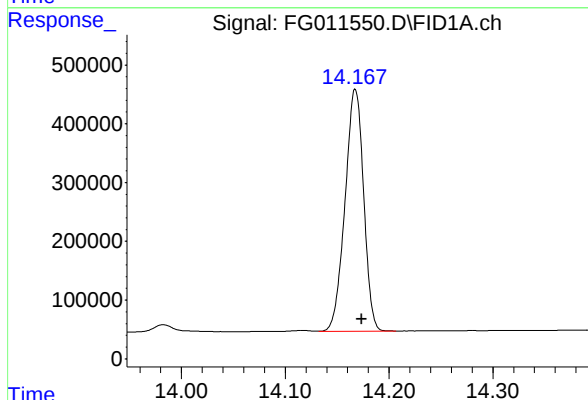
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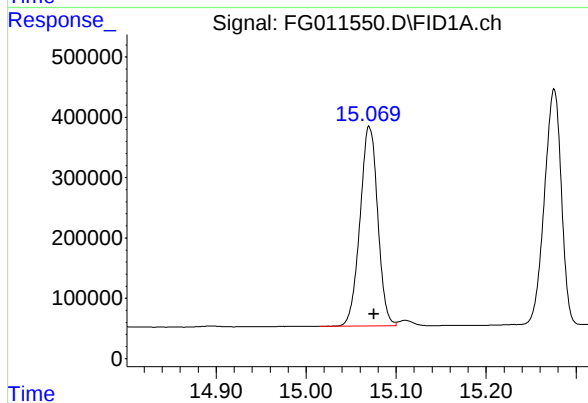
#7 N-EICOSANE

R.T.: 12.966 min  
Delta R.T.: -0.006 min  
Response: 5329952  
Conc: 42.58 ug/ml



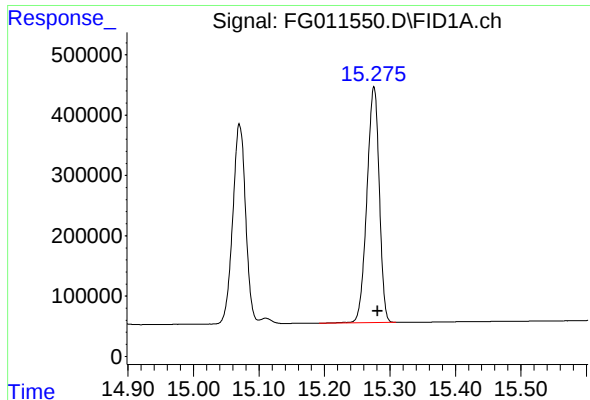
#8 N-DOCOSANE

R.T.: 14.167 min  
Delta R.T.: -0.006 min  
Response: 5128689  
Conc: 42.75 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.070 min  
Delta R.T.: -0.005 min  
Response: 4523090  
Conc: 43.00 ug/ml



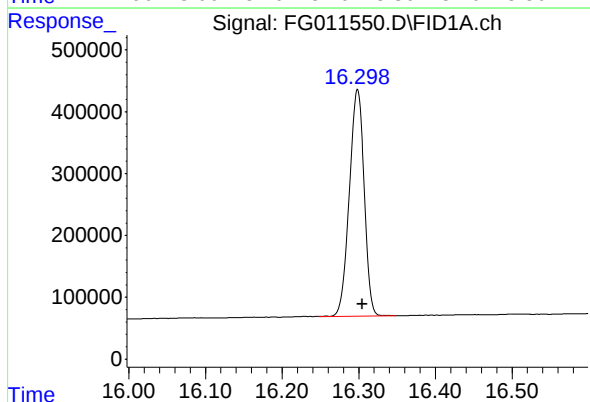
#10 N-TETRACOSANE

R.T.: 15.276 min  
Delta R.T.: -0.005 min  
Response: 5119559  
Conc: 43.39 ug/ml

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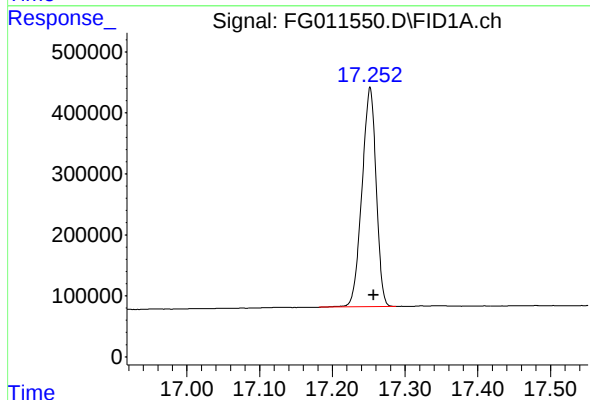
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#11 N-HEXACOSANE

R.T.: 16.298 min  
Delta R.T.: -0.007 min  
Response: 4968040  
Conc: 43.64 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.252 min  
Delta R.T.: -0.005 min  
Response: 4865321  
Conc: 44.34 ug/ml m