

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG110724\  
 Data File : FG014701.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Nov 2024 07:02  
 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 11/08/2024  
 Supervised By :Ankita Jodhani 11/08/2024

Integration File: autoint1.e  
 Quant Time: Nov 08 07:13:43 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG102124.M  
 Quant Title :  
 QLast Update : Mon Oct 21 17:03:32 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... | 15.050 | 6146209  | 51.388 ug/ml  |
| Target Compounds              |        |          |               |
| 2) N-DECANE                   | 4.575  | 6989354  | 56.449 ug/ml  |
| 3) N-DODECANE                 | 6.747  | 7073218  | 56.122 ug/ml  |
| 4) N-TETRADECANE              | 8.579  | 7067867  | 55.006 ug/ml  |
| 5) N-HEXADECANE               | 10.190 | 7061470  | 54.231 ug/ml  |
| 6) N-OCTADECANE               | 11.636 | 7148339  | 53.273 ug/ml  |
| 7) N-EICOSANE                 | 12.949 | 7169341  | 52.585 ug/ml  |
| 8) N-DOCOSANE                 | 14.150 | 6900536  | 51.978 ug/ml  |
| 10) N-TETRACOSANE             | 15.254 | 6822517  | 51.184 ug/ml  |
| 11) N-HEXACOSANE              | 16.276 | 6705355  | 50.376 ug/ml  |
| 12) N-OCTACOSANE              | 17.228 | 6531205  | 49.250 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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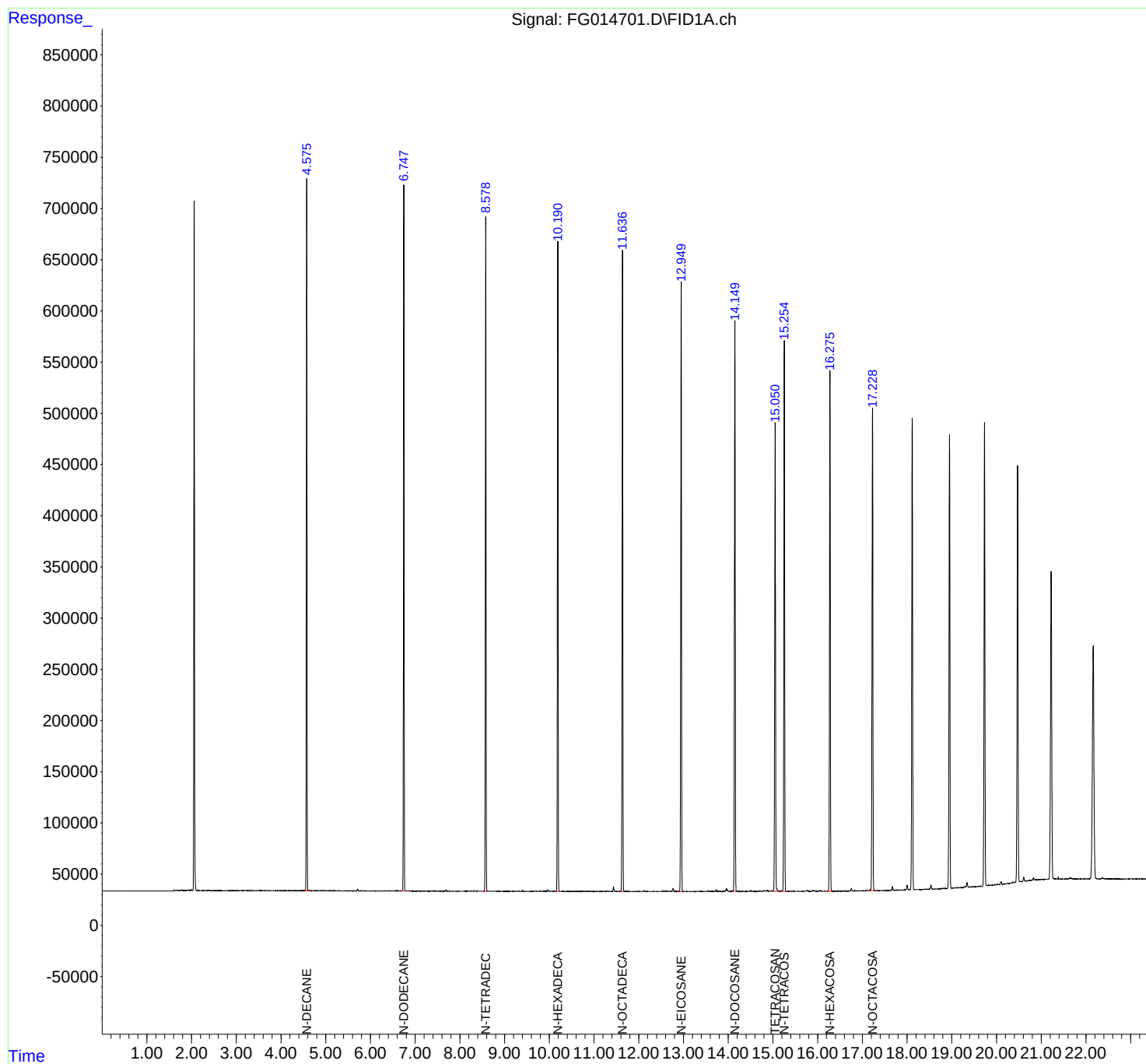
Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

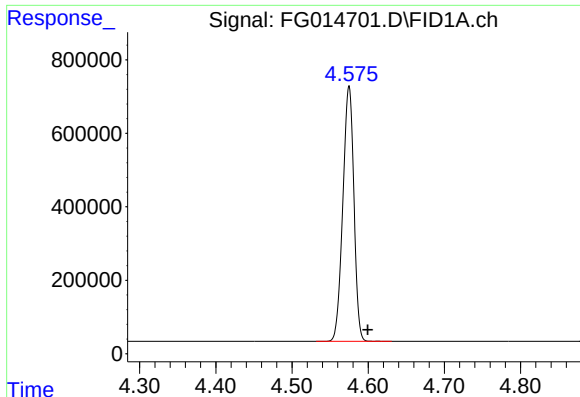
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Quant Title :  
QLast Update : Mon Oct 21 17:03:32 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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





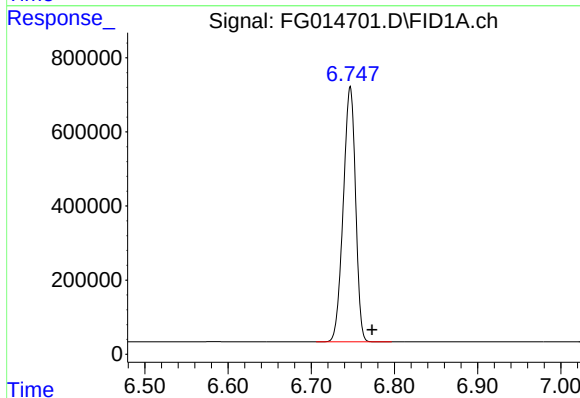
#2 N-DECANE

R.T.: 4.575 min  
Delta R.T.: -0.024 min  
Response: 6989354  
Conc: 56.45 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

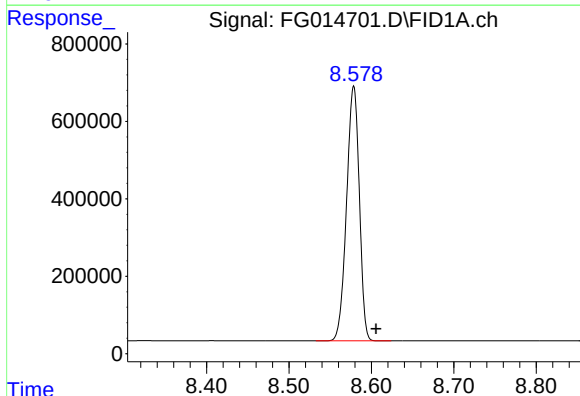
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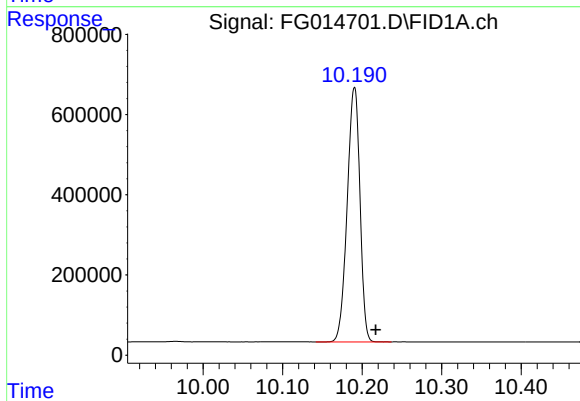
#3 N-DODECANE

R.T.: 6.747 min  
Delta R.T.: -0.026 min  
Response: 7073218  
Conc: 56.12 ug/ml



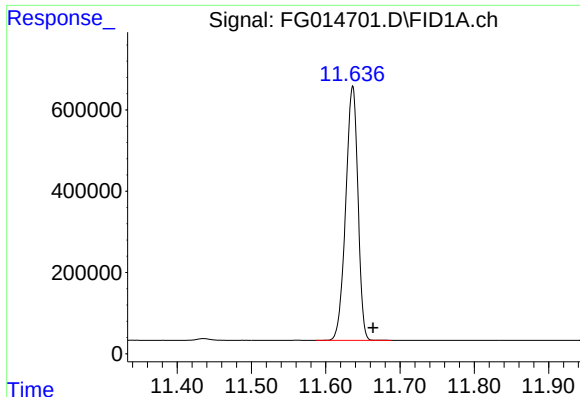
#4 N-TETRADECANE

R.T.: 8.579 min  
Delta R.T.: -0.027 min  
Response: 7067867  
Conc: 55.01 ug/ml



#5 N-HEXADECANE

R.T.: 10.190 min  
Delta R.T.: -0.027 min  
Response: 7061470  
Conc: 54.23 ug/ml



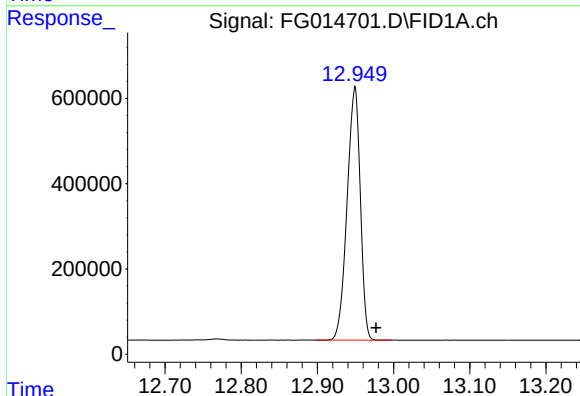
#6 N-OCTADECANE

R.T.: 11.636 min  
Delta R.T.: -0.027 min  
Response: 7148339  
Conc: 53.27 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

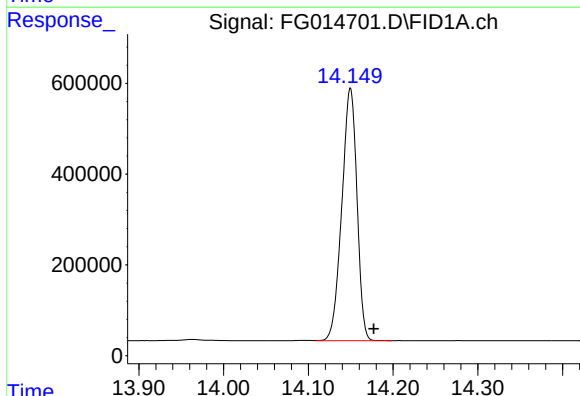
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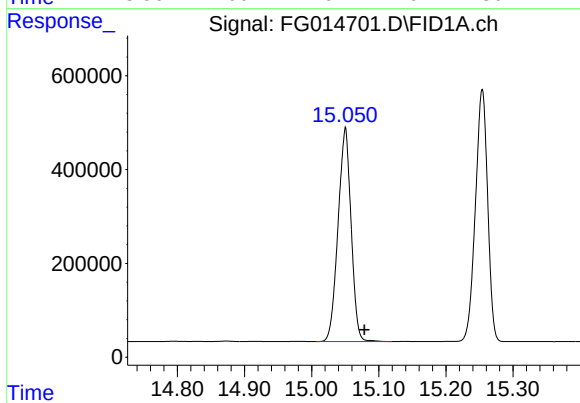
#7 N-EICOSANE

R.T.: 12.949 min  
Delta R.T.: -0.028 min  
Response: 7169341  
Conc: 52.59 ug/ml



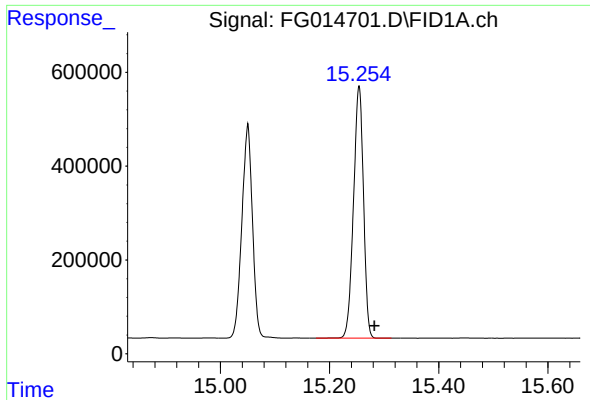
#8 N-DOCOSANE

R.T.: 14.150 min  
Delta R.T.: -0.028 min  
Response: 6900536  
Conc: 51.98 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.050 min  
Delta R.T.: -0.028 min  
Response: 6146209  
Conc: 51.39 ug/ml



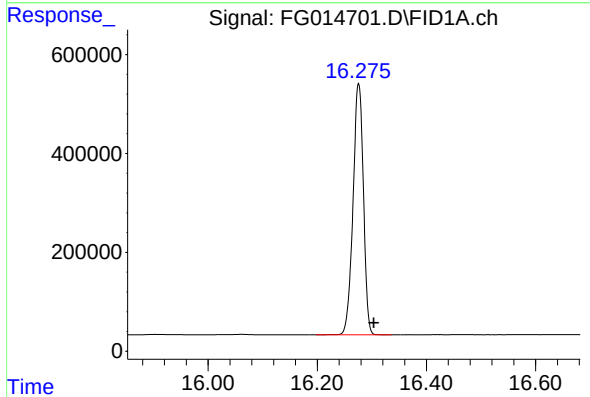
#10 N-TETRACOSANE

R.T.: 15.254 min  
Delta R.T.: -0.028 min  
Response: 6822517  
Conc: 51.18 ug/ml

Instrument :  
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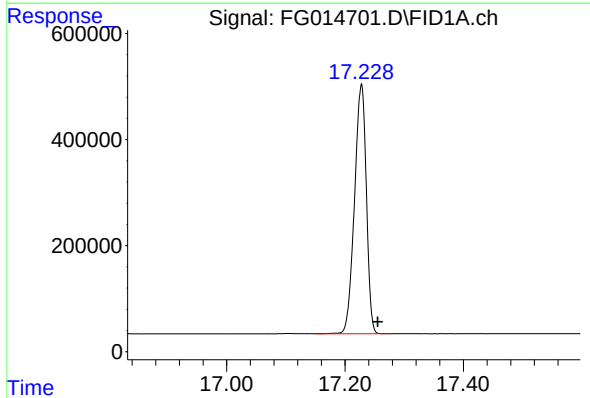
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#11 N-HEXACOSANE

R.T.: 16.276 min  
Delta R.T.: -0.028 min  
Response: 6705355  
Conc: 50.38 ug/ml



#12 N-OCTACOSANE

R.T.: 17.228 min  
Delta R.T.: -0.028 min  
Response: 6531205  
Conc: 49.25 ug/ml m