

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG073124\  
 Data File : FG013994.D  
 Signal(s) : FID1A.ch  
 Acq On : 31 Jul 2024 14:49  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 50 PPM TRPH STD

Integration File: autoint1.e  
 Quant Time: Aug 01 03:02:52 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG072324.M  
 Quant Title :  
 QLast Update : Tue Jul 23 14:43:06 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... | 14.955 | 6081191  | 50.272 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.966  | 6385860  | 53.071 ug/ml |
| 2) N-DECANE                   | 4.472  | 6511980  | 52.231 ug/ml |
| 3) N-DODECANE                 | 6.646  | 6697844  | 50.762 ug/ml |
| 4) N-TETRADECANE              | 8.479  | 6589449  | 50.398 ug/ml |
| 5) N-HEXADECANE               | 10.090 | 6719669  | 50.418 ug/ml |
| 6) N-OCTADECANE               | 11.537 | 6840364  | 50.055 ug/ml |
| 7) N-EICOSANE                 | 12.850 | 6712969  | 50.227 ug/ml |
| 8) N-DOCOSANE                 | 14.052 | 6587012  | 50.039 ug/ml |
| 10) N-TETRACOSANE             | 15.159 | 6532390  | 50.044 ug/ml |
| 11) N-HEXACOSANE              | 16.183 | 6452514  | 50.236 ug/ml |
| 12) N-OCTACOSANE              | 17.135 | 6435621  | 50.740 ug/ml |
| 13) N-TRIACONTANE             | 18.026 | 6475525  | 51.478 ug/ml |
| 14) N-DOTRIACONTANE           | 18.862 | 6259107  | 51.299 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.644 | 5254849  | 52.208 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.387 | 4144546  | 49.602 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.121 | 3487105  | 46.753 ug/ml |
| 18) N-TETRACONTANE            | 22.023 | 3101721  | 44.757 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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