

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG012425\  
 Data File : FG015169.D  
 Signal(s) : FID1A.ch  
 Acq On : 24 Jan 2025 15:01  
 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: Jan 25 00:20:16 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG011325.M  
 Quant Title :  
 QLast Update : Fri Jan 24 12:51:39 2025  
 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... | 15.048 | 6340856  | 49.432 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.006  | 5933564  | 48.627 ug/ml |
| 2) N-DECANE                   | 4.542  | 6456277  | 49.982 ug/ml |
| 3) N-DODECANE                 | 6.724  | 6846955  | 50.258 ug/ml |
| 4) N-TETRADECANE              | 8.562  | 6839180  | 49.970 ug/ml |
| 5) N-HEXADECANE               | 10.176 | 7053685  | 49.986 ug/ml |
| 6) N-OCTADECANE               | 11.626 | 7309480  | 49.830 ug/ml |
| 7) N-EICOSANE                 | 12.943 | 7148365  | 49.168 ug/ml |
| 8) N-DOCOSANE                 | 14.144 | 7029846  | 49.001 ug/ml |
| 10) N-TETRACOSANE             | 15.252 | 6966879  | 48.779 ug/ml |
| 11) N-HEXACOSANE              | 16.277 | 6784521  | 48.172 ug/ml |
| 12) N-OCTACOSANE              | 17.229 | 6665448  | 47.599 ug/ml |
| 13) N-TRIACONTANE             | 18.119 | 6582295  | 46.267 ug/ml |
| 14) N-DOTRIACONTANE           | 18.953 | 6317907  | 45.457 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.738 | 5433713  | 43.367 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.479 | 4350396  | 40.258 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.230 | 3751405  | 38.031 ug/ml |
| 18) N-TETRACONTANE            | 22.168 | 3491786  | 37.608 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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