

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG071825\  
 Data File : FG016342.D  
 Signal(s) : FID1A.ch  
 Acq On : 18 Jul 2025 15:51  
 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: Jul 19 02:01:08 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG070925.M  
 Quant Title :  
 QLast Update : Wed Jul 09 12:46:24 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... | 15.212 | 4769042  | 47.697 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.120  | 4897603  | 43.371 ug/ml |
| 2) N-DECANE                   | 4.673  | 5253598  | 45.614 ug/ml |
| 3) N-DODECANE                 | 6.857  | 5372344  | 46.337 ug/ml |
| 4) N-TETRADECANE              | 8.699  | 5475752  | 46.392 ug/ml |
| 5) N-HEXADECANE               | 10.320 | 5529021  | 47.802 ug/ml |
| 6) N-OCTADECANE               | 11.775 | 5665186  | 48.264 ug/ml |
| 7) N-EICOSANE                 | 13.096 | 5718873  | 47.804 ug/ml |
| 8) N-DOCOSANE                 | 14.305 | 5456486  | 47.349 ug/ml |
| 10) N-TETRACOSANE             | 15.417 | 5537420  | 48.466 ug/ml |
| 11) N-HEXACOSANE              | 16.447 | 5239579  | 47.615 ug/ml |
| 12) N-OCTACOSANE              | 17.403 | 5209495  | 47.904 ug/ml |
| 13) N-TRIACONTANE             | 18.298 | 5332718  | 49.904 ug/ml |
| 14) N-DOTRIACONTANE           | 19.137 | 5292730  | 52.341 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.926 | 4844121  | 53.240 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.671 | 4256596  | 56.521 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.465 | 3939248  | 60.527 ug/ml |
| 18) N-TETRACONTANE            | 22.478 | 3863052  | 67.026 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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