

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG071025\  
 Data File : FG016281.D  
 Signal(s) : FID1A.ch  
 Acq On : 10 Jul 2025 18:41  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 50 PPM TRPH STD

Integration File: autoint1.e  
 Quant Time: Jul 11 04:15:29 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... | 15.210 | 4556753  | 45.574 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.125  | 5038476  | 44.619 ug/ml  |
| 2) N-DECANE                   | 4.675  | 5182339  | 44.996 ug/ml  |
| 3) N-DODECANE                 | 6.858  | 5241097  | 45.205 ug/ml  |
| 4) N-TETRADECANE              | 8.700  | 5280313  | 44.736 ug/ml  |
| 5) N-HEXADECANE               | 10.319 | 5254815  | 45.431 ug/ml  |
| 6) N-OCTADECANE               | 11.774 | 5350508  | 45.583 ug/ml  |
| 7) N-EICOSANE                 | 13.096 | 5455724  | 45.604 ug/ml  |
| 8) N-DOCOSANE                 | 14.304 | 5262067  | 45.662 ug/ml  |
| 10) N-TETRACOSANE             | 15.417 | 5189250  | 45.419 ug/ml  |
| 11) N-HEXACOSANE              | 16.445 | 4975914  | 45.219 ug/ml  |
| 12) N-OCTACOSANE              | 17.400 | 5005735  | 46.030 ug/mlm |
| 13) N-TRIACONTANE             | 18.295 | 4940798  | 46.236 ug/ml  |
| 14) N-DOTRIACONTANE           | 19.134 | 4664192  | 46.125 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.923 | 4148407  | 45.593 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.665 | 3553557  | 47.186 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.460 | 3053518  | 46.918 ug/ml  |
| 18) N-TETRACONTANE            | 22.472 | 2523355  | 43.782 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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