

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
 Data File : FG016546.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Sep 2025 14:46  
 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: Sample.e  
 Quant Time: Sep 05 03:46:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080525.M  
 Quant Title :  
 QLast Update : Thu Sep 04 10:24:25 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... | 15.183 | 4546058  | 47.716 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.104  | 4846312  | 45.669 ug/ml  |
| 2) N-DECANE                   | 4.651  | 5109337  | 47.280 ug/ml  |
| 3) N-DODECANE                 | 6.834  | 5193604  | 47.789 ug/ml  |
| 4) N-TETRADECANE              | 8.676  | 5252447  | 48.038 ug/ml  |
| 5) N-HEXADECANE               | 10.295 | 5235118  | 48.162 ug/ml  |
| 6) N-OCTADECANE               | 11.749 | 5328505  | 48.171 ug/ml  |
| 7) N-EICOSANE                 | 13.069 | 5434403  | 48.081 ug/ml  |
| 8) N-DOCOSANE                 | 14.277 | 5252949  | 47.815 ug/ml  |
| 10) N-TETRACOSANE             | 15.389 | 5213020  | 47.576 ug/ml  |
| 11) N-HEXACOSANE              | 16.417 | 5029372  | 47.026 ug/ml  |
| 12) N-OCTACOSANE              | 17.373 | 5106454  | 47.399 ug/ml  |
| 13) N-TRIACONTANE             | 18.268 | 5025986  | 46.127 ug/ml  |
| 14) N-DOTRIACONTANE           | 19.106 | 4999363  | 47.463 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.896 | 4408221  | 46.263 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.638 | 3622873  | 48.486 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.424 | 3028338  | 50.508 ug/mlm |
| 18) N-TETRACONTANE            | 22.424 | 2765538  | 65.796 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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