

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090425\  
 Data File : FG016539.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Sep 2025 10:08  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 50 PPM TRPH STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/05/2025  
 Supervised By :mohammad ahmed 09/08/2025

Integration File: Sample.e  
 Quant Time: Sep 05 03:44:13 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... | 15.178 | 5538478  | 58.132 ug/mlm |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.103  | 5899087  | 55.589 ug/ml  |
| 2) N-DECANE                   | 4.649  | 6218955  | 57.548 ug/ml  |
| 3) N-DODECANE                 | 6.832  | 6295179  | 57.925 ug/ml  |
| 4) N-TETRADECANE              | 8.672  | 6382528  | 58.373 ug/ml  |
| 5) N-HEXADECANE               | 10.291 | 6345025  | 58.373 ug/ml  |
| 6) N-OCTADECANE               | 11.745 | 6468112  | 58.474 ug/ml  |
| 7) N-EICOSANE                 | 13.064 | 6597392  | 58.371 ug/ml  |
| 8) N-DOCOSANE                 | 14.272 | 6389370  | 58.159 ug/ml  |
| 10) N-TETRACOSANE             | 15.383 | 6372084  | 58.154 ug/ml  |
| 11) N-HEXACOSANE              | 16.411 | 6170163  | 57.693 ug/ml  |
| 12) N-OCTACOSANE              | 17.368 | 6207306  | 57.618 ug/ml  |
| 13) N-TRIACONTANE             | 18.261 | 6226567  | 57.146 ug/ml  |
| 14) N-DOTRIACONTANE           | 19.099 | 6027378  | 57.223 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.887 | 5391143  | 56.578 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.631 | 4392947  | 58.792 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.413 | 3590038  | 59.876 ug/mlm |
| 18) N-TETRACONTANE            | 22.408 | 3031633  | 72.127 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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