

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG061125\  
 Data File : FG016060.D  
 Signal(s) : FID1A.ch  
 Acq On : 11 Jun 2025 20:08  
 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: Jun 12 02:16:52 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG052225.M  
 Quant Title :  
 QLast Update : Thu May 22 06:20:25 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... | 14.969 | 5901175  | 48.149 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.948  | 6023671  | 51.229 ug/ml |
| 2) N-DECANE                   | 4.471  | 6342711  | 53.981 ug/ml |
| 3) N-DODECANE                 | 6.655  | 6629984  | 54.625 ug/ml |
| 4) N-TETRADECANE              | 8.491  | 6811492  | 53.344 ug/ml |
| 5) N-HEXADECANE               | 10.104 | 6879830  | 51.639 ug/ml |
| 6) N-OCTADECANE               | 11.552 | 6993089  | 50.672 ug/ml |
| 7) N-EICOSANE                 | 12.866 | 7025783  | 49.731 ug/ml |
| 8) N-DOCOSANE                 | 14.067 | 6764895  | 49.247 ug/ml |
| 10) N-TETRACOSANE             | 15.174 | 6684071  | 48.622 ug/ml |
| 11) N-HEXACOSANE              | 16.198 | 6563280  | 48.306 ug/ml |
| 12) N-OCTACOSANE              | 17.150 | 6458105  | 47.900 ug/ml |
| 13) N-TRIACONTANE             | 18.039 | 6544650  | 47.964 ug/ml |
| 14) N-DOTRIACONTANE           | 18.873 | 6317971  | 47.172 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.658 | 5670690  | 46.763 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.399 | 4804013  | 44.987 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.132 | 4210647  | 43.876 ug/ml |
| 18) N-TETRACONTANE            | 22.039 | 3833867  | 43.591 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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