

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG032622\  
 Data File : FG009423.D  
 Signal(s) : FID1A.ch  
 Acq On : 26 Mar 2022 15:06  
 Operator : AJ\MA  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 50 PPM TRPH STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/28/2022  
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e  
 Quant Time: Mar 26 22:46:38 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG032522.M  
 Quant Title :  
 QLast Update : Sat Mar 26 00:33:44 2022  
 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... | 14.633 | 5706105  | 41.407 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.234  | 7078244  | 49.217 ug/ml  |
| 2) N-DECANE                   | 4.333  | 7239517  | 49.492 ug/ml  |
| 3) N-DODECANE                 | 6.361  | 7250398  | 48.618 ug/ml  |
| 4) N-TETRADECANE              | 8.161  | 7238432  | 47.409 ug/ml  |
| 5) N-HEXADECANE               | 9.767  | 7151897  | 46.165 ug/ml  |
| 6) N-OCTADECANE               | 11.214 | 7173536  | 44.955 ug/ml  |
| 7) N-EICOSANE                 | 12.528 | 6808689  | 43.612 ug/ml  |
| 8) N-DOCOSANE                 | 13.731 | 6544541  | 42.282 ug/ml  |
| 10) N-TETRACOSANE             | 14.837 | 6326303  | 41.021 ug/ml  |
| 11) N-HEXACOSANE              | 15.862 | 6070674  | 39.986 ug/ml  |
| 12) N-OCTACOSANE              | 16.815 | 5865702  | 39.580 ug/ml  |
| 13) N-TRIACONTANE             | 17.705 | 5691424  | 39.910 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.541 | 5529732  | 41.585 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.325 | 5130544  | 43.909 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.067 | 4549906  | 46.137 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.808 | 4271731  | 49.276 ug/ml  |
| 18) N-TETRACONTANE            | 21.724 | 4311924  | 50.729 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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