

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE083122\  
 Data File : FE037352.D  
 Signal(s) : FID1B.ch  
 Acq On : 31 Aug 2022 12:38  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 50 PPM TRPH STD

Integration File: autoint1.e  
 Quant Time: Sep 01 09:25:52 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE082922.M  
 Quant Title :  
 QLast Update : Mon Aug 29 16:06:19 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... | 14.710 | 7663151  | 53.490 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.792  | 8146155  | 53.624 ug/ml |
| 2) N-DECANE                   | 4.293  | 8856203  | 56.227 ug/ml |
| 3) N-DODECANE                 | 6.468  | 9089553  | 55.862 ug/ml |
| 4) N-TETRADECANE              | 8.288  | 9194876  | 54.848 ug/ml |
| 5) N-HEXADECANE               | 9.887  | 9297453  | 54.590 ug/ml |
| 6) N-OCTADECANE               | 11.322 | 9285926  | 54.060 ug/ml |
| 7) N-EICOSANE                 | 12.624 | 9151445  | 53.758 ug/ml |
| 8) N-DOCOSANE                 | 13.816 | 8841849  | 53.392 ug/ml |
| 10) N-TETRACOSANE             | 14.913 | 8722227  | 53.249 ug/ml |
| 11) N-HEXACOSANE              | 15.928 | 8470828  | 53.324 ug/ml |
| 12) N-OCTACOSANE              | 16.873 | 8270862  | 53.683 ug/ml |
| 13) N-TRIACONTANE             | 17.756 | 8178255  | 53.857 ug/ml |
| 14) N-DOTRIACONTANE           | 18.584 | 8175213  | 54.662 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.364 | 7947012  | 54.644 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.098 | 7810350  | 57.149 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.796 | 7240330  | 54.337 ug/ml |
| 18) N-TETRACONTANE            | 21.578 | 7585779  | 55.088 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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