

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD012825AL\  
 Data File : FD048980.D  
 Signal(s) : FID2B.ch  
 Acq On : 29 Jan 2025 01:30  
 Operator : YP/AJ  
 Sample : Q1168-07  
 Misc : 2.5 PPM WATER LOD  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2025

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/29/2025  
 Supervised By :Ankita Jodhani 01/29/2025

Integration File: autoint1.e  
 Quant Time: Jan 29 04:09:08 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 012425.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 25 05:57:24 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 12.687 | 5744161    | 39.134 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 78.27%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.113  | 215552     | 1.348 ug/ml  |
| 2) T n-Decane (C10)            | 4.157  | 249112     | 1.528 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.149  | 297581     | 1.797 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.931  | 303076     | 1.833 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.519  | 298888     | 1.733 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.949 | 340126     | 1.929 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.249 | 354249     | 2.058 ug/mlm |
| 11) T n-Heneicosane (C21)      | 12.855 | 339068     | 1.991 ug/ml  |
| 13) T n-Docosane (C22)         | 13.442 | 346051     | 2.035 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.539 | 339486     | 1.993 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.554 | 340194     | 2.031 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.497 | 338448     | 2.035 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.380 | 339071     | 1.975 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.209 | 336196     | 2.056 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.990 | 298645     | 2.144 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.728 | 272517     | 2.370 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.427 | 246150     | 2.376 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.215 | 210508     | 2.196 ug/mlm |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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