

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012825AL\  
 Data File : FE052112.D  
 Signal(s) : FID1B.ch  
 Acq On : 28 Jan 2025 18:59  
 Operator : YP\AJ  
 Sample : Q1168-07  
 Misc : 4 PPM WATER LOD  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 FID\_E  
 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 03:06:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011625.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 16 16:05:07 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... | 13.611 | 3562635    | 31.057 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 62.11%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.678  | 198944     | 1.866 ug/ml  |
| 2) T n-Decane (C10)            | 4.904  | 249701     | 2.281 ug/ml  |
| 4) T n-Dodecane (C12)          | 7.031  | 308284     | 2.731 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.836  | 314301     | 2.702 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.429 | 333560     | 2.645 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.862 | 362701     | 2.741 ug/ml  |
| 10) T n-Eicosane (C20)         | 13.163 | 380719     | 2.904 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.772 | 362061     | 2.782 ug/ml  |
| 13) T n-Docosane (C22)         | 14.354 | 370963     | 2.827 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.452 | 362173     | 2.727 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.469 | 361202     | 2.733 ug/mlm |
| 16) T n-Octacosane (C28)       | 17.415 | 370631     | 2.808 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.300 | 409087     | 3.000 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 19.130 | 423067     | 3.228 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.912 | 393625     | 3.496 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.651 | 350946     | 3.695 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.433 | 331293     | 3.835 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.432 | 312071     | 3.787 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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