

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG102824AL\  
 Data File : FG014541.D  
 Signal(s) : FID1A.ch  
 Acq On : 28 Oct 2024 19:23  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/29/2024  
 Supervised By :Ankita Jodhani 10/29/2024

Integration File: autoint1.e  
 Quant Time: Oct 29 02:34:45 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 102124.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 22 06:49:54 2024  
 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    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.971 | 3050756    | 19.905 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.81%        |
| 12) S 1-chlorooctadecane (S... | 13.408 | 2345464    | 19.101 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.20%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.341  | 2699880    | 20.862 ug/ml  |
| 2) T n-Decane (C10)            | 4.592  | 2760598    | 20.951 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.298  | 3003072    | 20.935 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.762  | 2791392    | 21.013 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.396  | 2915807    | 20.901 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.594  | 2767743    | 20.860 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.205 | 2837726    | 20.421 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.651 | 2845761    | 19.878 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.963 | 2715487    | 19.310 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.576 | 2662220    | 19.021 ug/ml  |
| 13) T n-Docosane (C22)         | 14.162 | 2636789    | 18.744 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.266 | 2589274    | 18.196 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.288 | 2496253    | 17.685 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.238 | 2395731    | 17.334 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.126 | 2377708    | 17.155 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.958 | 2254890    | 17.223 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.740 | 1967177    | 17.575 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.479 | 1715965    | 18.436 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.229 | 1632152    | 19.535 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.170 | 1619345    | 21.295 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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