

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE100824AL\  
 Data File : FE050539.D  
 Signal(s) : FID1B.ch  
 Acq On : 07 Oct 2024 16:07  
 Operator : YP\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 5 PPM ALIPHATIC HC STD5

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/08/2024  
 Supervised By :Ankita Jodhani 10/08/2024

Integration File: autoint1.e  
 Quant Time: Oct 07 16:31:29 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 07 16:31:21 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)    | 11.863 | 837545     | 5.312 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 10.62%       |
| 12) S 1-chlorooctadecane (S... | 13.298 | 614466     | 5.194 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 10.39%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.254  | 753304     | 5.332 ug/ml  |
| 2) T n-Decane (C10)            | 4.503  | 761079     | 5.305 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.217  | 703385     | 4.919 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.670  | 760541     | 5.284 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.313  | 623807     | 4.709 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.496  | 759193     | 5.307 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.102 | 772180     | 5.247 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.544 | 790974     | 5.295 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.852 | 765738     | 5.340 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.463 | 747887     | 5.326 ug/ml  |
| 13) T n-Docosane (C22)         | 14.048 | 755779     | 5.387 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.150 | 766754     | 5.427 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.169 | 761614     | 5.412 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.117 | 840920     | 5.747 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.004 | 955708     | 6.011 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.837 | 1007931    | 6.217 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.619 | 889564     | 6.056 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.358 | 736787     | 5.810 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.084 | 775038     | 6.268 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.969 | 573373     | 5.145 ug/mlm |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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