

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG093024AL\  
 Data File : FG014360.D  
 Signal(s) : FID1A.ch  
 Acq On : 30 Sep 2024 20:15  
 Operator : YP\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/01/2024  
 Supervised By :Ankita Jodhani 10/02/2024

Integration File: autoint1.e  
 Quant Time: Oct 01 09:16:55 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 093024.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 01 09:16:03 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)    | 11.806 | 713281     | 5.197 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 10.39%       |
| 12) S 1-chlorooctadecane (S... | 13.257 | 496516     | 4.956 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 9.91%        |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.190  | 651436     | 5.248 ug/ml  |
| 2) T n-Decane (C10)            | 4.439  | 658998     | 5.217 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.140  | 570926     | 4.437 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.609  | 636819     | 5.060 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.240  | 478293     | 4.044 ug/mlm |
| 6) T n-Tetradecane (C14)       | 8.443  | 542666     | 4.371 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.054 | 628970     | 4.930 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.498 | 660484     | 5.095 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.811 | 645732     | 5.225 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.424 | 632765     | 5.219 ug/ml  |
| 13) T n-Docosane (C22)         | 14.013 | 625543     | 5.206 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.119 | 637127     | 5.344 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.143 | 625562     | 5.377 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.095 | 632829     | 5.576 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.984 | 678266     | 5.920 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.818 | 669155     | 6.107 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.603 | 565691     | 5.928 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.345 | 472841     | 5.700 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.077 | 415151     | 5.715 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.969 | 353696     | 5.596 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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