

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG082923AL\  
 Data File : FG012810.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Aug 2023 17:39  
 Operator : YP\AJ  
 Sample : 04196-06MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 OR-345-02MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/30/2023  
 Supervised By :Ankita Jodhani 08/30/2023

Integration File: autoint1.e  
 Quant Time: Aug 29 23:15:40 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 081023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 10 15:32:13 2023  
 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)    | 11.982 | 2911595    | 21.597 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 43.19%        |
| 12) S 1-chlorooctadecane (S... | 13.421 | 2336169    | 22.398 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 44.80%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.350  | 3773495    | 36.328 ug/ml  |
| 2) T n-Decane (C10)            | 4.601  | 4360324    | 41.569 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.307  | 4946261    | 43.379 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.771  | 4736246    | 44.342 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.406  | 4989513    | 43.575 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.605  | 4907216    | 45.671 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.217 | 5296441    | 48.683 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.665 | 5667247    | 51.367 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.979 | 5850620    | 53.021 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.592 | 5643050    | 51.130 ug/ml  |
| 13) T n-Docosane (C22)         | 14.179 | 5575290    | 50.926 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.283 | 3631327    | 33.653 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.310 | 5186915    | 49.388 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.260 | 5076931    | 50.146 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.149 | 4903310    | 49.226 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.982 | 4631487    | 46.859 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.765 | 4262803    | 46.329 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.505 | 3881580    | 43.234 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.260 | 3864970    | 45.514 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.210 | 3886568    | 47.611 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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