

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120424AL\  
 Data File : FE051532.D  
 Signal(s) : FID1B.ch  
 Acq On : 04 Dec 2024 16:10  
 Operator : YP\AJ  
 Sample : P5072-01MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 MH-737MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/05/2024  
 Supervised By :Ankita Jodhani 12/05/2024

Integration File: autoint1.e  
 Quant Time: Dec 05 00:14:15 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 120224.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Dec 02 14:18:35 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)    | 11.831 | 4740714    | 31.371 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 62.74%        |
| 12) S 1-chlorooctadecane (S... | 13.263 | 4198514    | 37.570 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 75.14%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.222  | 4290778    | 30.616 ug/ml  |
| 2) T n-Decane (C10)            | 4.470  | 5036082    | 35.513 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.181  | 5360400    | 40.550 ug/mlm |
| 4) T n-Dodecane (C12)          | 6.638  | 6474083    | 45.482 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.278  | 6442052    | 53.700 ug/mlm |
| 6) T n-Tetradecane (C14)       | 8.467  | 6785010    | 48.673 ug/mlm |
| 7) T n-Hexadecane (C16)        | 10.071 | 7983031    | 56.186 ug/mlm |
| 8) T n-Octadecane (C18)        | 11.511 | 6690107    | 46.553 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.819 | 7207034    | 52.209 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.429 | 6082682    | 44.875 ug/ml  |
| 13) T n-Docosane (C22)         | 14.014 | 6211323    | 46.387 ug/mlm |
| 14) T n-Tetracosane (C24)      | 15.117 | 11051971   | 83.642 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.135 | 5949656    | 45.880 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.084 | 6822453    | 53.512 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.970 | 5990407    | 46.264 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.802 | 5849740    | 46.728 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.584 | 5864455    | 51.925 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.324 | 5714223    | 59.334 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.044 | 5626860    | 61.803 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.919 | 5730303    | 65.388 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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