

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE010323AL\  
 Data File : FE039620.D  
 Signal(s) : FID1B.ch  
 Acq On : 03 Jan 2023 20:05  
 Operator : YP\AJ  
 Sample : 01002-05MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 3MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/04/2023  
 Supervised By :Ankita Jodhani 01/04/2023

Integration File: autoint1.e  
 Quant Time: Jan 04 03:19:46 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 121722.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 17 15:09:52 2022  
 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)    | 11.928 | 4018183    | 26.926 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 53.85%        |
| 12) S 1-chlorooctadecane (S... | 13.364 | 2728980    | 23.710 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 47.42%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.337  | 5701108    | 44.106 ug/ml  |
| 2) T n-Decane (C10)            | 4.580  | 5999421    | 47.084 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.277  | 5371637    | 37.159 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.738  | 6413943    | 49.405 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.371  | 5240387    | 38.694 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.564  | 6513737    | 49.156 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.169 | 6852108    | 49.807 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.613 | 7256960    | 51.813 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.922 | 6905491    | 50.587 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.533 | 6908519    | 50.652 ug/mlm |
| 13) T n-Docosane (C22)         | 14.120 | 6852248    | 50.654 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.222 | 5405787    | 40.270 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.244 | 6626388    | 50.890 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.194 | 6499235    | 50.498 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.082 | 6273970    | 48.730 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.915 | 6316265    | 48.774 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.699 | 5591008    | 44.316 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.437 | 4328732    | 35.799 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.173 | 3393757    | 27.480 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.082 | 2784641    | 22.174 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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