

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE072624AL\  
 Data File : FE049286.D  
 Signal(s) : FID1B.ch  
 Acq On : 27 Jul 2024 00:09  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/29/2024  
 Supervised By :Ankita Jodhani 07/29/2024

Integration File: autoint1.e  
 Quant Time: Jul 27 01:04:46 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071724.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 17 14:26:40 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)    | 11.906 | 2718528    | 17.527 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.05%        |
| 12) S 1-chlorooctadecane (S... | 13.341 | 2091525    | 17.901 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.80%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.294  | 2359754    | 15.691 ug/ml  |
| 2) T n-Decane (C10)            | 4.544  | 2566442    | 16.616 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.251  | 2619991    | 16.816 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.710  | 2576383    | 16.732 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.346  | 2492473    | 17.127 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.538  | 2569616    | 16.930 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.145 | 2644848    | 17.440 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.587 | 2659156    | 17.514 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.896 | 2549635    | 17.631 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.507 | 2501124    | 17.637 ug/ml  |
| 13) T n-Docosane (C22)         | 14.094 | 2511999    | 17.880 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.195 | 2567677    | 18.321 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.215 | 2595785    | 18.512 ug/mlm |
| 16) T n-Octacosane (C28)       | 17.164 | 2764976    | 19.754 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.052 | 3242674    | 22.230 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.883 | 3479446    | 23.664 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.666 | 3352344    | 22.950 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.405 | 3077604    | 21.349 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.136 | 3042656    | 20.326 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.040 | 3153918    | 20.900 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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