

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091424AL\  
 Data File : FE050085.D  
 Signal(s) : FID1B.ch  
 Acq On : 13 Sep 2024 12:47  
 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 09/16/2024  
 Supervised By :Ankita Jodhani 09/16/2024

Integration File: autoint1.e  
 Quant Time: Sep 14 02:10:53 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 09 17:11:47 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)    | 11.876 | 3033983    | 20.392 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.78%        |
| 12) S 1-chlorooctadecane (S... | 13.310 | 2288368    | 20.372 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.74%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.264  | 2711422    | 20.004 ug/ml  |
| 2) T n-Decane (C10)            | 4.515  | 2781000    | 20.151 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.224  | 2852104    | 20.377 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.682  | 2794100    | 20.206 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.320  | 2678881    | 20.381 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.509  | 2755251    | 20.234 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.115 | 2830620    | 20.378 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.557 | 2846384    | 20.317 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.865 | 2726935    | 20.328 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.476 | 2674101    | 20.351 ug/ml  |
| 13) T n-Docosane (C22)         | 14.061 | 2657350    | 20.407 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.163 | 2673375    | 20.471 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.183 | 2627504    | 20.537 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.131 | 2660357    | 20.653 ug/mlm |
| 17) T n-Tricontane (C30)       | 18.017 | 2821542    | 21.100 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.849 | 2792391    | 20.955 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.633 | 2658590    | 21.516 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.372 | 2392227    | 21.561 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.099 | 2213304    | 20.070 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.989 | 2096312    | 19.265 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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