

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE102924AL\  
 Data File : FE050873.D  
 Signal(s) : FID1B.ch  
 Acq On : 29 Oct 2024 05:52  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/30/2024  
 Supervised By :Ankita Jodhani 10/30/2024

Integration File: autoint1.e  
 Quant Time: Oct 29 11:25:29 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 07 16:32:18 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)    | 11.862 | 2947904    | 18.698 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.40%        |
| 12) S 1-chlorooctadecane (S... | 13.296 | 2246934    | 18.995 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.99%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.249  | 2650887    | 18.762 ug/ml  |
| 2) T n-Decane (C10)            | 4.499  | 2738775    | 19.089 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.212  | 2668894    | 18.665 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.666  | 2752135    | 19.121 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.308  | 2535342    | 19.138 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.494  | 2725516    | 19.051 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.099 | 2817063    | 19.142 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.541 | 2839004    | 19.007 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.849 | 2728055    | 19.024 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.459 | 2646448    | 18.845 ug/ml  |
| 13) T n-Docosane (C22)         | 14.046 | 2736436    | 19.505 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.148 | 2982944    | 21.114 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.168 | 3084568    | 21.920 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.116 | 3309077    | 22.614 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.004 | 3731241    | 23.467 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.835 | 3753956    | 23.156 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.619 | 3296631    | 22.443 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.358 | 2710591    | 21.375 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.083 | 2627176    | 21.247 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.971 | 1839052    | 16.516 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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