

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE090624AL\  
 Data File : FE049962.D  
 Signal(s) : FID1B.ch  
 Acq On : 06 Sep 2024 23:05  
 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 09/09/2024  
 Supervised By :Ankita Jodhani 09/09/2024

Integration File: autoint1.e  
 Quant Time: Sep 07 01:00:44 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081424.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 11:05:17 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)    | 11.879 | 2859725    | 17.684 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.37%        |
| 12) S 1-chlorooctadecane (S... | 13.314 | 2223649    | 18.226 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.45%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.267  | 2525490    | 16.319 ug/ml  |
| 2) T n-Decane (C10)            | 4.518  | 2675817    | 16.947 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.227  | 2745223    | 17.109 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.685  | 2722395    | 17.317 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.322  | 2623831    | 17.521 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.512  | 2693490    | 17.447 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.119 | 2787328    | 17.847 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.560 | 2825024    | 17.988 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.869 | 2706579    | 18.128 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.479 | 2650472    | 18.068 ug/ml  |
| 13) T n-Docosane (C22)         | 14.064 | 2650333    | 18.184 ug/mlm |
| 14) T n-Tetracosane (C24)      | 15.166 | 2751267    | 18.914 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.186 | 2726636    | 18.892 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.134 | 2884524    | 20.026 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.022 | 3186628    | 21.286 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.853 | 3356580    | 22.187 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.636 | 3253497    | 21.281 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.374 | 3028417    | 19.943 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.102 | 2924947    | 18.636 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.994 | 2791028    | 18.280 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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