

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061224AL\  
 Data File : FE048678.D  
 Signal(s) : FID1B.ch  
 Acq On : 12 Jun 2024 18:07  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/13/2024  
 Supervised By :Ankita Jodhani 06/13/2024

Integration File: autoint1.e  
 Quant Time: Jun 13 01:28:57 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 052524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 24 16:28:51 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)    | 11.939 | 2740872    | 19.087 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.17%        |
| 12) S 1-chlorooctadecane (S... | 13.374 | 2046982    | 18.790 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.58%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.328  | 2682224    | 17.941 ug/ml  |
| 2) T n-Decane (C10)            | 4.577  | 2810128    | 18.610 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.282  | 2759386    | 18.532 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.742  | 2776750    | 18.758 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.378  | 2585131    | 18.645 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.570  | 2673310    | 18.848 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.178 | 2678951    | 19.002 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.619 | 2653091    | 19.103 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.929 | 2529611    | 19.115 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.541 | 2463521    | 19.019 ug/ml  |
| 13) T n-Docosane (C22)         | 14.126 | 2481095    | 19.254 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.228 | 2585858    | 19.960 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.248 | 2632522    | 20.312 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.198 | 2769902    | 21.430 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.085 | 3050144    | 22.769 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.916 | 3146244    | 23.178 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.700 | 2982578    | 21.802 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.439 | 2806536    | 20.646 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.176 | 2645740    | 19.401 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.089 | 2532054    | 18.493 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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