

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE062024AL\  
 Data File : FE048813.D  
 Signal(s) : FID1B.ch  
 Acq On : 20 Jun 2024 11:44  
 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 06/21/2024  
 Supervised By :Ankita Jodhani 06/21/2024

Integration File: autoint1.e  
 Quant Time: Jun 21 01:21:41 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)    | 11.933 | 2463456    | 17.155 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 34.31%        |
| 12) S 1-chlorooctadecane (S... | 13.367 | 1845009    | 16.936 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 33.87%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.322  | 2197060    | 14.696 ug/ml  |
| 2) T n-Decane (C10)            | 4.572  | 2412276    | 15.975 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.277  | 2363595    | 15.874 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.737  | 2434900    | 16.449 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.373  | 2257246    | 16.280 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.565  | 2400835    | 16.927 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.171 | 2425593    | 17.205 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.614 | 2402145    | 17.296 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.923 | 2279893    | 17.228 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.534 | 2220091    | 17.140 ug/ml  |
| 13) T n-Docosane (C22)         | 14.120 | 2222347    | 17.246 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.222 | 2285929    | 17.645 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.242 | 2320122    | 17.901 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.191 | 2477978    | 19.171 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.078 | 2865849    | 21.393 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.909 | 3047542    | 22.451 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.692 | 2825587    | 20.655 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.430 | 2649665    | 19.492 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.166 | 2488365    | 18.247 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.079 | 2376556    | 17.357 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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