

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE082324AL\  
 Data File : FE049748.D  
 Signal(s) : FID1B.ch  
 Acq On : 24 Aug 2024 01:41  
 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 08/26/2024  
 Supervised By :Ankita Jodhani 08/26/2024

Integration File: autoint1.e  
 Quant Time: Aug 24 02:17:11 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)    | 11.883 | 3140452    | 19.420 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.84%       |
| 12) S 1-chlorooctadecane (S... | 13.318 | 2399541    | 19.667 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.33%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.272  | 2711962    | 17.524 ug/ml |
| 2) T n-Decane (C10)            | 4.523  | 2916621    | 18.472 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.230  | 3014440    | 18.787 ug/ml |
| 4) T n-Dodecane (C12)          | 6.690  | 2962581    | 18.845 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.326  | 2873532    | 19.188 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.517  | 2933845    | 19.004 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.123 | 3023265    | 19.357 ug/ml |
| 8) T n-Octadecane (C18)        | 11.564 | 3044476    | 19.385 ug/ml |
| 10) T n-Eicosane (C20)         | 12.873 | 2916000    | 19.530 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.484 | 2856134    | 19.470 ug/ml |
| 13) T n-Docosane (C22)         | 14.069 | 2832410    | 19.433 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.171 | 2844570    | 19.555 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.189 | 2813254    | 19.492 ug/ml |
| 16) T n-Octacosane (C28)       | 17.138 | 2911406    | 20.213 ug/ml |
| 17) T n-Tricontane (C30)       | 18.025 | 3263212    | 21.798 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.856 | 3368738    | 22.268 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.639 | 3338410    | 21.837 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.378 | 3259117    | 21.462 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.105 | 3113663    | 19.838 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.998 | 2804390    | 18.368 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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