

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\F111023AL\  
 Data File : FC065103.D  
 Signal(s) : FID1A.ch  
 Acq On : 10 Nov 2023 12:18  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/13/2023  
 Supervised By :Ankita Jodhani 11/13/2023

Integration File: autoint1.e  
 Quant Time: Nov 11 01:55:43 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102823.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Oct 28 02:12:00 2023  
 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)    | 11.507 | 4512236    | 20.502 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 41.00%        |
| 12) S 1-chlorooctadecane (S... | 12.939 | 3245853    | 20.532 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 41.06%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.306  | 3874332    | 20.492 ug/ml  |
| 2) T n-Decane (C10)            | 4.366  | 3928926    | 20.663 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.947  | 3975405    | 20.590 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.377  | 3976761    | 20.586 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.002  | 3785984    | 20.603 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.165  | 3893928    | 20.637 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.758  | 3930849    | 20.796 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.194 | 3907646    | 20.705 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.496 | 3701457    | 20.589 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.106 | 3606852    | 20.544 ug/ml  |
| 13) T n-Docosane (C22)         | 13.689 | 3541052    | 20.615 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.789 | 3413718    | 20.496 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.804 | 3296886    | 20.540 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.750 | 3256157    | 20.806 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.633 | 3371906    | 21.288 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.462 | 3382957    | 21.425 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.241 | 3261960    | 21.370 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.976 | 3161504    | 20.954 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.696 | 3081231    | 20.705 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.574 | 3040347    | 20.671 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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