

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF052423AL\  
 Data File : FF012724.D  
 Signal(s) : FID2B.ch  
 Acq On : 24 May 2023 10:29  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/25/2023  
 Supervised By :Ankita Jodhani 05/25/2023

Integration File: autoint1.e  
 Quant Time: May 25 03:32:44 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 051923.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 19 12:25:00 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)    | 10.901 | 3022215    | 18.868 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.74%        |
| 12) S 1-chlorooctadecane (S... | 12.333 | 2203501    | 18.644 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.29%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.764  | 2427348    | 18.548 ug/mlm |
| 2) T n-Decane (C10)            | 3.773  | 2502383    | 18.730 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.338  | 2568996    | 18.233 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.758  | 2530477    | 18.695 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.386  | 2389641    | 18.005 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.546  | 2518327    | 18.822 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.143  | 2624549    | 18.958 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.582 | 2734132    | 19.207 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.887 | 2650347    | 19.272 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.498 | 2591337    | 19.161 ug/ml  |
| 13) T n-Docosane (C22)         | 13.082 | 2574045    | 19.229 ug/mlm |
| 14) T n-Tetracosane (C24)      | 14.184 | 2513670    | 19.117 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.203 | 2463090    | 19.372 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.152 | 2433906    | 19.796 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.037 | 2590202    | 20.981 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.868 | 2593447    | 21.435 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.649 | 2425591    | 20.733 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.388 | 2238184    | 19.865 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.113 | 2103845    | 18.888 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.006 | 1954834    | 17.715 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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