

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051022AL\  
 Data File : FD042411.D  
 Signal(s) : FID2B.CH  
 Acq On : 11 May 2022 8:09  
 Operator : UA/NP  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/11/2022  
 Supervised By :mohammad ahmed 05/11/2022

Integration File: sample.E  
 Quant Time: May 11 08:30:57 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 042122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 22 01:55:29 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.208 | 3018451    | 17.998 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.00%        |
| 12) S 1-chlorooctadecane (S... | 12.646 | 2334656    | 17.692 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.38%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.082  | 2813744    | 20.643 ug/ml  |
| 2) T n-Decane (C10)            | 4.127  | 2809628    | 20.965 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.677  | 2910667    | 20.080 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.120  | 2904539    | 20.402 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.722  | 2907996    | 20.868 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.895  | 2904178    | 20.388 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.480  | 2890761    | 19.893 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.911 | 2882975    | 19.236 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.209 | 2835078    | 18.522 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.817 | 2753111    | 17.858 ug/ml  |
| 13) T n-Docosane (C22)         | 13.399 | 2949835    | 19.137 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.495 | 3194292    | 20.654 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.509 | 3404702    | 22.135 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.453 | 3631123    | 23.750 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.335 | 3708990    | 24.727 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.163 | 3424529    | 24.219 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.940 | 2931589    | 22.780 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.677 | 2445529    | 21.611 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.373 | 2349165    | 23.544 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.145 | 2162141    | 23.971 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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