

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC042722AL\  
 Data File : FC059492.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 Apr 2022 2:40  
 Operator : UA/NP  
 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 04/28/2022  
 Supervised By :mohammad ahmed 04/28/2022

Integration File: sample.E  
 Quant Time: Apr 28 04:55:15 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 042122.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 21 17:30:29 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)    | 11.094 | 3242868    | 20.181 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.36%        |
| 12) S 1-chlorooctadecane (S... | 12.541 | 2541390    | 19.462 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.92%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.960  | 2759658    | 22.019 ug/ml  |
| 2) T n-Decane (C10)            | 4.001  | 2789637    | 22.329 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.550  | 2921389    | 23.815 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.997  | 2945471    | 22.337 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.597  | 2962753    | 23.476 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.779  | 2994492    | 22.138 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.370  | 3054710    | 21.750 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.802 | 3067238    | 20.997 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.104 | 2998375    | 19.993 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.713 | 2965313    | 19.494 ug/ml  |
| 13) T n-Docosane (C22)         | 13.296 | 2953046    | 19.273 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.394 | 2847656    | 18.391 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.409 | 2709565    | 17.581 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.354 | 2640017    | 17.054 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.238 | 2557502    | 16.838 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.068 | 2412718    | 17.124 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 18.847 | 2207823    | 17.469 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.585 | 1965532    | 17.970 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.284 | 1845637    | 19.817 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.024 | 1760677    | 21.079 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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