

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062223AL\  
 Data File : FC063944.D  
 Signal(s) : FID1A.ch  
 Acq On : 22 Jun 2023 06:59  
 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 06/23/2023  
 Supervised By :Ankita Jodhani 06/23/2023

Integration File: autoint1.e  
 Quant Time: Jun 23 00:21:24 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 27 06:12:33 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)    | 11.523 | 3446008    | 18.884 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.77%        |
| 12) S 1-chlorooctadecane (S... | 12.957 | 2477534    | 19.390 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.78%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.302  | 3177844    | 19.938 ug/ml  |
| 2) T n-Decane (C10)            | 4.366  | 3238774    | 20.036 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.948  | 3358249    | 19.331 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.381  | 3195739    | 19.544 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.003  | 3172421    | 19.365 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.173  | 3068465    | 19.511 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.771  | 3089541    | 19.414 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.209 | 3048162    | 19.264 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.515 | 2881723    | 19.485 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.126 | 2797264    | 19.433 ug/ml  |
| 13) T n-Docosane (C22)         | 13.710 | 2763208    | 19.615 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.808 | 2728623    | 19.885 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.827 | 2685601    | 20.254 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.774 | 2684700    | 21.143 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.659 | 2860439    | 22.389 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.487 | 2900895    | 23.313 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.269 | 2825377    | 22.915 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.006 | 2714842    | 22.619 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.728 | 2674339    | 22.151 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.617 | 2632570    | 21.726 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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