

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC103023AL\  
 Data File : FC064963.D  
 Signal(s) : FID1A.ch  
 Acq On : 30 Oct 2023 22:46  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023  
 Supervised By :mohammad ahmed 10/31/2023

Integration File: autoint1.e  
 Quant Time: Oct 30 23:47:07 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)    | 11.523 | 4730147    | 21.492 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 42.98%        |
| 12) S 1-chlorooctadecane (S... | 12.955 | 3427464    | 21.681 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 43.36%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.322  | 4167792    | 22.044 ug/ml  |
| 2) T n-Decane (C10)            | 4.383  | 4218363    | 22.185 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.963  | 4339125    | 22.474 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.393  | 4260229    | 22.054 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.017  | 4241719    | 23.083 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.181  | 4168253    | 22.091 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.773  | 4163285    | 22.025 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.208 | 4128772    | 21.877 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.513 | 3901478    | 21.701 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.122 | 3779646    | 21.528 ug/ml  |
| 13) T n-Docosane (C22)         | 13.705 | 3699669    | 21.538 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.803 | 3550931    | 21.320 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.819 | 3417797    | 21.294 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.765 | 3319453    | 21.210 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.649 | 3350899    | 21.156 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.479 | 3327560    | 21.075 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.256 | 3238706    | 21.218 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.995 | 3201610    | 21.220 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.717 | 3182747    | 21.387 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.599 | 3173406    | 21.576 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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