

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC061024AL\  
 Data File : FC066576.D  
 Signal(s) : FID1A.ch  
 Acq On : 10 Jun 2024 15:19  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/11/2024  
 Supervised By :Ankita Jodhani 06/11/2024

Integration File: autoint1.e  
 Quant Time: Jun 10 23:27:04 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052824.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 28 12:26:07 2024  
 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)    | 11.549 | 3138728    | 20.650 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 41.30%        |
| 12) S 1-chlorooctadecane (S... | 12.986 | 2335634    | 20.440 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.88%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.305  | 2868999    | 20.499 ug/ml  |
| 2) T n-Decane (C10)            | 4.372  | 2945967    | 20.475 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.957  | 3210735    | 20.149 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.392  | 2925139    | 20.314 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.014  | 3078710    | 20.074 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.188  | 2863932    | 20.287 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.789  | 2945994    | 20.499 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.232 | 2952605    | 20.632 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.542 | 2802953    | 20.600 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.154 | 2736960    | 20.532 ug/ml  |
| 13) T n-Docosane (C22)         | 13.740 | 2716114    | 20.608 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.843 | 2666398    | 20.483 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.864 | 2578505    | 20.275 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.815 | 2550279    | 20.542 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.703 | 2656911    | 21.082 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.536 | 2600940    | 21.132 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.319 | 2455203    | 20.473 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.059 | 2306475    | 19.037 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.792 | 2180586    | 18.850 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.703 | 2066882    | 16.873 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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