

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC022624AL\  
 Data File : FC065870.D  
 Signal(s) : FID1A.ch  
 Acq On : 26 Feb 2024 23:20  
 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 02/27/2024  
 Supervised By :Ankita Jodhani 02/27/2024

Integration File: autoint1.e  
 Quant Time: Feb 27 02:26:33 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 020824.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 08 13:26:08 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)    | 11.496 | 3327110    | 19.396 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.79%        |
| 12) S 1-chlorooctadecane (S... | 12.927 | 2515688    | 19.990 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.98%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.286  | 2829729    | 18.835 ug/ml  |
| 2) T n-Decane (C10)            | 4.348  | 2966997    | 19.514 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.936  | 3134864    | 20.328 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.362  | 3017203    | 19.714 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.993  | 2914885    | 20.470 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.152  | 2931037    | 19.742 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.746  | 3041370    | 20.280 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.182 | 3089226    | 20.027 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.484 | 2965713    | 19.722 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.093 | 2957862    | 19.777 ug/ml  |
| 13) T n-Docosane (C22)         | 13.675 | 2967883    | 20.009 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.774 | 2988920    | 20.102 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.788 | 2981422    | 20.119 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.732 | 3071475    | 20.933 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.616 | 3349015    | 22.310 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.443 | 3406667    | 23.036 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.224 | 3218712    | 22.207 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.959 | 2998566    | 21.125 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.674 | 2857747    | 20.189 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.548 | 2739050    | 19.637 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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