

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071823AL\  
 Data File : FC064132.D  
 Signal(s) : FID1A.ch  
 Acq On : 18 Jul 2023 07:36  
 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 07/19/2023  
 Supervised By :Ankita Jodhani 07/19/2023

Integration File: autoint1.e  
 Quant Time: Jul 19 03:07:03 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 062423.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jun 25 04:03:48 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)    | 11.519 | 3863941    | 19.900 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.80%        |
| 12) S 1-chlorooctadecane (S... | 12.954 | 2761927    | 19.851 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.70%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.304  | 3494092    | 19.591 ug/ml  |
| 2) T n-Decane (C10)            | 4.366  | 3546046    | 19.596 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.946  | 3608562    | 19.346 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.379  | 3532528    | 19.609 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.001  | 3425373    | 19.464 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.170  | 3423172    | 19.788 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.768  | 3447624    | 19.847 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.206 | 3442865    | 19.976 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.512 | 3243042    | 19.866 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.122 | 3163680    | 19.746 ug/ml  |
| 13) T n-Docosane (C22)         | 13.706 | 3115716    | 19.828 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.806 | 3064361    | 19.441 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.821 | 2998700    | 19.848 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.768 | 2955019    | 19.611 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.655 | 3078719    | 19.719 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.482 | 3088484    | 19.550 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.264 | 3034156    | 19.718 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.000 | 2938861    | 19.906 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.725 | 2943428    | 19.871 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.606 | 2920337    | 20.036 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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