

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC070323AL\  
 Data File : FC064030.D  
 Signal(s) : FID1A.ch  
 Acq On : 03 Jul 2023 08:58  
 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 07/05/2023  
 Supervised By :Ankita Jodhani 07/05/2023

Integration File: autoint1.e  
 Quant Time: Jul 04 05:52:39 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)    | 11.523 | 3857789    | 19.869 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.74%        |
| 12) S 1-chlorooctadecane (S... | 12.958 | 2732076    | 19.637 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.27%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.305  | 3548061    | 19.894 ug/ml  |
| 2) T n-Decane (C10)            | 4.368  | 3627752    | 20.048 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.948  | 3716234    | 19.923 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.382  | 3586466    | 19.908 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.004  | 3501345    | 19.895 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.173  | 3425070    | 19.799 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.771  | 3444310    | 19.828 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.209 | 3414003    | 19.809 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.516 | 3218038    | 19.713 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.126 | 3135883    | 19.572 ug/ml  |
| 13) T n-Docosane (C22)         | 13.710 | 3094653    | 19.694 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.808 | 3050890    | 19.356 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.826 | 2994828    | 19.822 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.771 | 2965556    | 19.681 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.658 | 3087734    | 19.777 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.489 | 3097780    | 19.609 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.269 | 3042806    | 19.774 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.003 | 2952169    | 19.996 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.732 | 2948879    | 19.908 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.619 | 2851417    | 19.563 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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