

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102524AL\  
 Data File : FC067525.D  
 Signal(s) : FID1A.ch  
 Acq On : 25 Oct 2024 13:29  
 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 10/28/2024  
 Supervised By :Ankita Jodhani 10/28/2024

Integration File: autoint1.e  
 Quant Time: Oct 26 00:47:44 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 23 18:12:58 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)    | 11.494 | 2907727    | 19.817 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.63%        |
| 12) S 1-chlorooctadecane (S... | 12.933 | 2140856    | 19.825 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.65%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.273  | 2673625    | 19.846 ug/ml  |
| 2) T n-Decane (C10)            | 4.338  | 2715987    | 19.934 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.915  | 2955527    | 19.944 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.353  | 2709849    | 20.007 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.970  | 2823696    | 19.995 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.145  | 2627720    | 20.019 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.743  | 2655782    | 20.104 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.182 | 2657825    | 20.118 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.491 | 2522995    | 19.996 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.101 | 2465019    | 19.973 ug/ml  |
| 13) T n-Docosane (C22)         | 13.687 | 2445466    | 19.971 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.788 | 2426515    | 20.019 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.807 | 2386104    | 20.042 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.756 | 2384313    | 20.267 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.642 | 2492523    | 20.621 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.473 | 2475137    | 20.919 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.255 | 2184252    | 20.857 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.994 | 1875220    | 20.601 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.717 | 1759701    | 20.319 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.602 | 1712807    | 20.148 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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