

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC090222AL\  
 Data File : FC061436.D  
 Signal(s) : FID1A.ch  
 Acq On : 02 Sep 2022 23:43  
 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 09/06/2022  
 Supervised By :Ankita Jodhani 09/06/2022

Integration File: autoint1.e  
 Quant Time: Sep 05 01:21:32 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 082222.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 31 11:58:37 2022  
 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)    | 11.581 | 2938060    | 16.597 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 33.19%        |
| 12) S 1-chlorooctadecane (S... | 13.019 | 2296971    | 16.401 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 32.80%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.337  | 2803082    | 18.540 ug/ml  |
| 2) T n-Decane (C10)            | 4.405  | 2841843    | 18.729 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.991  | 3173237    | 18.332 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.423  | 2847972    | 18.389 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.047  | 3178232    | 18.050 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.220  | 2821549    | 18.039 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.822  | 2776617    | 17.727 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.265 | 2741278    | 17.376 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.574 | 2616469    | 16.831 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.186 | 2575035    | 16.463 ug/ml  |
| 13) T n-Docosane (C22)         | 13.772 | 2544070    | 16.394 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.874 | 2536158    | 16.394 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.894 | 2468525    | 16.402 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.843 | 2502728    | 16.944 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.730 | 2580066    | 18.680 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.563 | 2232777    | 20.341 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.345 | 1674376    | 21.692 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.084 | 1259077    | 22.301 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.820 | 1077136    | 23.218 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.735 | 948019     | 22.602 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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