

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050622AL\  
 Data File : FC059593.D  
 Signal(s) : FID1A.CH  
 Acq On : 06 May 2022 14:06  
 Operator : UA/NP  
 Sample : PB144605BSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB144605BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/09/2022  
 Supervised By :mohammad ahmed 05/10/2022

Integration File: autoint1.e  
 Quant Time: May 09 00:10:50 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050522.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 05 15:50:37 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 10.709 | 6467853    | 44.045 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 88.09%        |
| 12) S 1-chlorooctadecane (S... | 12.076 | 5189776    | 45.097 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 90.19%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.675  | 4516008    | 35.363 ug/ml  |
| 2) T n-Decane (C10)            | 3.671  | 4870795    | 38.460 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 5.214  | 6114607    | 41.527 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.625  | 5461837    | 41.532 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.239  | 6321040    | 42.051 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.381  | 5944233    | 44.176 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.946  | 6229237    | 45.398 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.358 | 6575464    | 47.715 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.639 | 6267370    | 46.599 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.237 | 6173581    | 46.278 ug/ml  |
| 13) T n-Docosane (C22)         | 12.811 | 6032633    | 45.966 ug/ml  |
| 14) T n-Tetracosane (C24)      | 13.886 | 11199962   | 89.015 ug/ml  |
| 15) T n-Hexacosane (C26)       | 14.890 | 5479485    | 45.880 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.816 | 5194726    | 45.629 ug/mlm |
| 17) T n-Tricontane (C30)       | 16.689 | 4917449    | 44.735 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 17.499 | 4817972    | 46.603 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.265 | 4358414    | 44.642 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 18.988 | 4059235    | 43.726 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 19.672 | 3943379    | 41.425 ug/ml  |
| 22) T n-Tetracontane (C40)     | 20.322 | 3850819    | 40.679 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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