

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091924AL\  
 Data File : FC067170.D  
 Signal(s) : FID1A.ch  
 Acq On : 19 Sep 2024 12:57  
 Operator : YP/AJ  
 Sample : PB163519BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

**Instrument :**

FID\_C

**ClientSampleId :**

PB163519BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 09/20/2024

Supervised By :Ankita Jodhani 09/20/2024

Integration File: autoint1.e

Quant Time: Sep 20 03:51:14 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Wed Sep 11 02:55:44 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)    | 11.508 | 5947380    | 42.712 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 85.42%        |
| 12) S 1-chlorooctadecane (S... | 12.946 | 4560107    | 46.681 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 93.36%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.287  | 5253492    | 39.605 ug/ml  |
| 2) T n-Decane (C10)            | 4.349  | 5742734    | 42.758 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.924  | 6300893    | 44.334 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.361  | 5969472    | 44.596 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.979  | 5727705    | 42.892 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.157  | 6238065    | 48.404 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.755  | 6174365    | 47.891 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.196 | 6124682    | 47.871 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.505 | 6017674    | 50.100 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.116 | 5735345    | 49.107 ug/ml  |
| 13) T n-Docosane (C22)         | 13.702 | 5614689    | 48.629 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.771 | 10743687   | 94.607 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.824 | 5399661    | 48.721 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.771 | 5257175    | 48.669 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.659 | 5336012    | 49.056 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.490 | 5283243    | 50.651 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.273 | 5201333    | 56.378 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.012 | 4948285    | 62.441 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.737 | 4795026    | 63.835 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.630 | 4211627    | 60.283 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

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