

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD121521AL\  
 Data File : FD039942.D  
 Signal(s) : FID2B.CH  
 Acq On : 16 Dec 2021 4:03  
 Operator : AJ\MA  
 Sample : PB141349BS  
 Misc :  
 ALS Vial : 75 Sample Multiplier: 1

## Instrument :

FID\_D

## ClientSampleId :

PB141349BS

## Manual Integrations

## APPROVED

Reviewed By :Ankita Jodhani 12/16/2021

Supervised By :Yogesh Patel 12/16/2021

Integration File: sample.E

Quant Time: Dec 16 05:21:09 2021

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 121521.M

Quant Title : GC Extractables

QLast Update : Wed Dec 15 16:44:55 2021

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)    | 10.792 | 7563535    | 48.179 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 96.36%        |
| 12) S 1-chlorooctadecane (S... | 12.223 | 6002853    | 48.609 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 97.22%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.691  | 5759430    | 40.927 ug/ml  |
| 2) T n-Decane (C10)            | 3.689  | 6015362    | 42.175 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.237  | 7080114    | 44.106 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.666  | 6328373    | 44.322 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.282  | 7105438    | 44.030 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.451  | 6841991    | 47.471 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.041  | 7604254    | 52.271 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.478 | 8020161    | 53.898 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.782 | 7913573    | 54.109 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.391 | 7796430    | 53.066 ug/ml  |
| 13) T n-Docosane (C22)         | 12.976 | 7712041    | 52.812 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.074 | 7468309    | 51.278 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.093 | 7276628    | 51.881 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.038 | 7108438    | 52.412 ug/ml  |
| 17) T n-Tricontane (C30)       | 16.925 | 6714571    | 51.384 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.753 | 6327538    | 50.842 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.534 | 6016856    | 49.816 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.272 | 5500800    | 47.832 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 19.988 | 5204279    | 46.624 ug/mlm |
| 22) T n-Tetracontane (C40)     | 20.851 | 5277692    | 46.318 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

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