

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052925AL\  
 Data File : FE054071.D  
 Signal(s) : FID1B.ch  
 Acq On : 29 May 2025 15:04  
 Operator : YP\AJ  
 Sample : PB168197BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

PB168197BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 05/30/2025

Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e

Quant Time: May 30 01:34:52 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051425.M

Quant Title : GC Extractables

QLast Update : Wed May 14 12:15:41 2025

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)    | 11.841 | 6173805    | 37.990 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 75.98%        |
| 12) S 1-chlorooctadecane (S... | 13.286 | 5010042    | 42.261 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 84.52%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.195  | 4547104    | 33.644 ug/ml  |
| 2) T n-Decane (C10)            | 4.454  | 4732394    | 35.021 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.165  | 5824018    | 40.525 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.633  | 5074417    | 37.201 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.267  | 5371350    | 38.724 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.469  | 5153139    | 38.186 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.080 | 5294024    | 39.234 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.528 | 5293880    | 39.313 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.841 | 5469812    | 41.618 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.454 | 5258808    | 40.564 ug/ml  |
| 13) T n-Docosane (C22)         | 14.042 | 5186627    | 40.655 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.140 | 10884787   | 86.997 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.171 | 5040356    | 41.162 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.122 | 5183371    | 42.639 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.012 | 4975045    | 39.939 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.845 | 4913922    | 39.294 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.629 | 5073578    | 42.592 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.371 | 5281457    | 45.613 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.101 | 5774458    | 53.062 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.995 | 5989404    | 60.358 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

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