

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061225AL\  
 Data File : FE054309.D  
 Signal(s) : FID1B.ch  
 Acq On : 11 Jun 2025 15:51  
 Operator : YP\AJ  
 Sample : PB168413BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

PB168413BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 06/12/2025

Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e

Quant Time: Jun 12 01:22:29 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 061025.M

Quant Title : GC Extractables

QLast Update : Tue Jun 10 07:24:04 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)    | 11.832 | 6759621    | 40.909 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 81.82%        |
| 12) S 1-chlorooctadecane (S... | 13.275 | 5370829    | 44.042 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 88.08%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.185  | 5525137    | 44.493 ug/ml  |
| 2) T n-Decane (C10)            | 4.445  | 5718145    | 46.020 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.155  | 5413163    | 40.056 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.624  | 6116851    | 48.038 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.257  | 5021564    | 37.912 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.459  | 6323115    | 48.841 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.071 | 6529286    | 49.152 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.518 | 6623997    | 49.055 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.831 | 6871672    | 51.367 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.444 | 6617217    | 49.765 ug/ml  |
| 13) T n-Docosane (C22)         | 14.032 | 6571996    | 50.122 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.133 | 11714493   | 90.814 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.161 | 6443504    | 51.331 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.111 | 6606254    | 53.871 ug/mlm |
| 17) T n-Tricontane (C30)       | 18.002 | 6348666    | 51.223 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.834 | 5841063    | 46.489 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.618 | 3744555    | 30.099 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.358 | 1804966    | 14.021 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.085 | 876299     | 6.637 ug/ml   |
| 22) T n-Tetracontane (C40)     | 21.972 | 454548     | 3.374 ug/ml   |
| -----                          |        |            |               |

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

(m)=manual int.

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