

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE100925AL\  
 Data File : FE056286.D  
 Signal(s) : FID1B.ch  
 Acq On : 09 Oct 2025 22:26  
 Operator : YP\AJ  
 Sample : Q3313-01MS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

ETGI-360MS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 10/10/2025

Supervised By :mohammad ahmed 10/11/2025

Integration File: autoint1.e

Quant Time: Oct 10 01:54:29 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 092425.M

Quant Title : GC Extractables

QLast Update : Wed Sep 24 12:55:37 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)    | 12.061 | 5066122    | 26.997 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 53.99%        |
| 12) S 1-chlorooctadecane (S... | 13.497 | 4408193    | 31.585 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 63.17%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.401  | 3089598    | 22.553 ug/ml  |
| 2) T n-Decane (C10)            | 4.663  | 3570308    | 25.582 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.384  | 12970223   | 81.234 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.837  | 4304053    | 29.987 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.486  | 14392750   | 92.547 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.676  | 5087066    | 34.408 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.287 | 5934844    | 37.348 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.736 | 6633563    | 39.163 ug/ml  |
| 10) T n-Eicosane (C20)         | 13.052 | 7020327    | 42.351 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.665 | 6986972    | 42.999 ug/ml  |
| 13) T n-Docosane (C22)         | 14.253 | 6916088    | 43.282 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.374 | 22235056   | 145.918 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.386 | 6051750    | 42.429 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.333 | 6039745    | 43.356 ug/mlm |
| 17) T n-Tricontane (C30)       | 18.225 | 5657883    | 38.182 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 19.056 | 5505846    | 36.903 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.842 | 5957064    | 42.114 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.583 | 6089340    | 47.436 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.355 | 6315206    | 48.082 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.333 | 6173674    | 51.894 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

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