

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE082125AL\  
 Data File : FE055430.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Aug 2025 16:47  
 Operator : YP\AJ  
 Sample : PB169342BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB169342BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/22/2025  
 Supervised By :mohammad ahmed 08/25/2025

Integration File: autoint1.e  
 Quant Time: Aug 22 01:19:53 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 080125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 01 13:47:09 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)    | 12.084 | 5894250    | 41.275 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 82.55%        |
| 12) S 1-chlorooctadecane (S... | 13.520 | 4673592    | 43.466 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 86.93%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.423  | 4097800    | 35.705 ug/ml  |
| 2) T n-Decane (C10)            | 4.679  | 4254123    | 36.517 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.398  | 5367129    | 39.984 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.853  | 4631813    | 38.896 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.499  | 5143348    | 39.448 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.692  | 4942631    | 40.312 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.307 | 5243274    | 41.013 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.757 | 5305052    | 40.660 ug/ml  |
| 10) T n-Eicosane (C20)         | 13.072 | 5469609    | 43.592 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.686 | 5275780    | 42.799 ug/ml  |
| 13) T n-Docosane (C22)         | 14.275 | 5227845    | 42.809 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.383 | 10813824   | 88.905 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.408 | 5071816    | 42.390 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.359 | 5075907    | 42.790 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.249 | 5116517    | 41.581 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 19.082 | 5260780    | 43.117 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.868 | 5644233    | 48.275 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.613 | 5905859    | 54.034 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.394 | 6414609    | 59.356 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.387 | 6513249    | 62.283 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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