

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061225AL\
 Data File : FE054310.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jun 2025 16:21
 Operator : YP\AJ
 Sample : PB168413BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
ClientSampleId :
 PB168413BSD

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 01:22:49 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) | 11.833 | 6901975 | 41.771 ug/ml |
| Spiked Amount | 50.000 | Recovery | = 83.54% |
| 12) S 1-chlorooctadecane (S... | 13.276 | 5575622 | 45.721 ug/mlm |
| Spiked Amount | 50.000 | Recovery | = 91.44% |
| Target Compounds | | | |
| 1) T n-Nonane (C9) | 3.185 | 5575028 | 44.895 ug/ml |
| 2) T n-Decane (C10) | 4.445 | 5782062 | 46.534 ug/ml |
| 3) T A~Naphthalene (C11.7) | 6.156 | 5485923 | 40.594 ug/ml |
| 4) T n-Dodecane (C12) | 6.624 | 6182863 | 48.557 ug/ml |
| 5) T A~2-methylnaphthalene... | 7.258 | 5082736 | 38.374 ug/ml |
| 6) T n-Tetradecane (C14) | 8.460 | 6389850 | 49.356 ug/ml |
| 7) T n-Hexadecane (C16) | 10.071 | 6614060 | 49.790 ug/ml |
| 8) T n-Octadecane (C18) | 11.519 | 6742654 | 49.933 ug/ml |
| 10) T n-Eicosane (C20) | 12.831 | 7019997 | 52.475 ug/ml |
| 11) T n-Heneicosane (C21) | 13.445 | 6762682 | 50.859 ug/ml |
| 13) T n-Docosane (C22) | 14.032 | 6727504 | 51.307 ug/ml |
| 14) T n-Tetracosane (C24) | 15.133 | 11992257 | 92.968 ug/ml |
| 15) T n-Hexacosane (C26) | 16.161 | 6582357 | 52.437 ug/ml |
| 16) T n-Octacosane (C28) | 17.112 | 6692912 | 54.578 ug/mlm |
| 17) T n-Tricontane (C30) | 18.001 | 6462738 | 52.143 ug/ml |
| 18) T n-Dotriacontane (C32) | 18.834 | 5919634 | 47.114 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.617 | 3802832 | 30.568 ug/ml |
| 20) T n-Hexatriacontane (C36) | 20.357 | 1831183 | 14.225 ug/ml |
| 21) T n-Octatriacontane (C38) | 21.082 | 880594 | 6.669 ug/ml |
| 22) T n-Tetracontane (C40) | 21.971 | 479622 | 3.560 ug/ml |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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