

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071125AL\  
 Data File : FC069423.D  
 Signal(s) : FID1A.ch  
 Acq On : 11 Jul 2025 16:27  
 Operator : YP/AJ  
 Sample : PB168812BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB168812BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/14/2025  
 Supervised By :mohammad ahmed 07/15/2025

Integration File: autoint1.e  
 Quant Time: Jul 11 23:29:03 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 061825.M  
 Quant Title : GC Extractables  
 Qlast Update : Wed Jun 18 14:24:27 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)    | 11.674 | 6316886    | 36.565 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 73.13%        |
| 12) S 1-chlorooctadecane (S... | 13.109 | 4940526    | 37.817 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 75.63%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.415  | 5331028    | 37.485 ug/ml  |
| 2) T n-Decane (C10)            | 4.483  | 5831743    | 39.836 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.074  | 7267042    | 45.167 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.503  | 6224956    | 41.109 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.133  | 6829353    | 43.156 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.303  | 6299017    | 40.637 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.906  | 6298659    | 38.544 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.351 | 6117604    | 37.469 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.663 | 6087942    | 39.884 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.276 | 5745300    | 38.980 ug/ml  |
| 13) T n-Docosane (C22)         | 13.863 | 5597403    | 38.903 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.960 | 10903963   | 79.054 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.990 | 5080625    | 38.866 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.940 | 4853270    | 39.352 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.831 | 4711385    | 39.630 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.664 | 4599623    | 42.068 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.448 | 4764029    | 49.334 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.189 | 4572451    | 55.483 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.956 | 4617534    | 61.789 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.918 | 4535065    | 64.040 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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