

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062425AL\  
 Data File : FC069268.D  
 Signal(s) : FID1A.ch  
 Acq On : 24 Jun 2025 14:35  
 Operator : YP/AJ  
 Sample : PB168596BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

**Instrument :**

FID\_C

**ClientSampleId :**

PB168596BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 06/25/2025

Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e

Quant Time: Jun 25 00:40:05 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)    | 11.681 | 6080452    | 35.196 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 70.39%        |
| 12) S 1-chlorooctadecane (S... | 13.115 | 4791844    | 36.679 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 73.36%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.425  | 5342859    | 37.568 ug/ml  |
| 2) T n-Decane (C10)            | 4.490  | 5821037    | 39.762 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.080  | 7197388    | 44.734 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.509  | 6189435    | 40.875 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.139  | 6720834    | 42.470 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.309  | 6303781    | 40.668 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.913  | 6310028    | 38.613 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.358 | 6061634    | 37.126 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.671 | 5920908    | 38.790 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.283 | 5538518    | 37.577 ug/ml  |
| 13) T n-Docosane (C22)         | 13.870 | 5360430    | 37.256 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.968 | 10329644   | 74.890 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.000 | 4812588    | 36.815 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.949 | 4583845    | 37.168 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.840 | 4416951    | 37.154 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.672 | 4258985    | 38.953 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.457 | 4356580    | 45.115 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.199 | 4159372    | 50.470 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.969 | 4270903    | 57.151 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.939 | 4277946    | 60.409 ug/mlm |
| -----                          |        |            |               |

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

(m)=manual int.

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