

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052825AL\  
 Data File : FC069038.D  
 Signal(s) : FID1A.ch  
 Acq On : 28 May 2025 19:09  
 Operator : YP/AJ  
 Sample : Q2125-05MS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

**Instrument :**

FID\_C

**ClientSampleId :**

GSB5MS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 05/29/2025

Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e

Quant Time: May 29 07:41:05 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052425.M

Quant Title : GC Extractables

QLast Update : Tue May 27 01:48:55 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)    | 11.709 | 3773295    | 30.592 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 61.18%        |
| 12) S 1-chlorooctadecane (S... | 13.140 | 2799762    | 31.208 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 62.42%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.451  | 3569739    | 33.638 ug/ml  |
| 2) T n-Decane (C10)            | 4.521  | 3690309    | 34.845 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.114  | 4426621    | 38.281 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.542  | 3909824    | 37.193 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.172  | 4478930    | 39.507 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.340  | 4404735    | 42.972 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.942  | 4726012    | 46.577 ug/mlm |
| 8) T n-Octadecane (C18)        | 11.384 | 3412771    | 34.147 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.694 | 3604500    | 37.008 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.307 | 3188150    | 33.123 ug/ml  |
| 13) T n-Docosane (C22)         | 13.892 | 3140077    | 32.960 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.988 | 6657266    | 70.707 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.020 | 3069089    | 33.057 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.969 | 3047628    | 32.787 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.859 | 3062302    | 31.649 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.692 | 3108737    | 31.370 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.478 | 3276209    | 33.993 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.218 | 3271482    | 34.462 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.990 | 3383494    | 37.086 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.967 | 3336253    | 37.811 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

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