

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060625AL\  
 Data File : FC069117.D  
 Signal(s) : FID1A.ch  
 Acq On : 06 Jun 2025 17:51  
 Operator : YP/AJ  
 Sample : Q2208-31MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 BU-703-25BMSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/09/2025  
 Supervised By :mohammad ahmed 06/10/2025

Integration File: autoint1.e  
 Quant Time: Jun 07 02:42:26 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)    | 11.681 | 5426261    | 43.993 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 87.99%        |
| 12) S 1-chlorooctadecane (S... | 13.117 | 4581654    | 51.070 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 102.14%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.404  | 3535166    | 33.312 ug/ml  |
| 2) T n-Decane (C10)            | 4.480  | 4056731    | 38.305 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 6.075  | 4919318    | 42.542 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.506  | 4332430    | 41.213 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.135  | 4666892    | 41.165 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.308  | 4471771    | 43.626 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.912  | 4784776    | 47.156 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.359 | 4870613    | 48.733 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.671 | 5055389    | 51.904 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.284 | 4843784    | 50.324 ug/ml  |
| 13) T n-Docosane (C22)         | 13.872 | 4798503    | 50.368 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.968 | 10258627   | 108.957 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.002 | 4751667    | 51.180 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.951 | 4749538    | 51.096 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.843 | 4707775    | 48.655 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.677 | 4758527    | 48.018 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.463 | 4944088    | 51.298 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.205 | 4866441    | 51.264 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.977 | 4949600    | 54.251 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.948 | 4818977    | 54.615 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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