

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062325AL\  
 Data File : FC069244.D  
 Signal(s) : FID1A.ch  
 Acq On : 23 Jun 2025 13:01  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/24/2025  
 Supervised By :mohammad ahmed 06/25/2025

Integration File: autoint1.e  
 Quant Time: Jun 23 13:38:13 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)    | 11.678 | 3484870    | 20.172 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.34%        |
| 12) S 1-chlorooctadecane (S... | 13.114 | 2626679    | 20.106 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.21%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.406  | 2770492    | 19.481 ug/ml  |
| 2) T n-Decane (C10)            | 4.480  | 2865727    | 19.575 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.076  | 3158946    | 19.634 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.506  | 2975284    | 19.649 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.135  | 3176591    | 20.073 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.306  | 3030286    | 19.550 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.911  | 3080580    | 18.851 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.356 | 3019504    | 18.494 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.667 | 2887190    | 18.915 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.281 | 2812623    | 19.082 ug/ml  |
| 13) T n-Docosane (C22)         | 13.868 | 2756570    | 19.158 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.973 | 2660928    | 19.292 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.995 | 2554472    | 19.541 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.947 | 2501751    | 20.285 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.836 | 2557064    | 21.509 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.671 | 2503277    | 22.895 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.457 | 2177431    | 22.549 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.199 | 1739517    | 21.107 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.965 | 1254920    | 16.793 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.933 | 998928     | 14.106 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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