

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100225AL\  
 Data File : FC069894.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 Oct 2025 10:24  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/02/2025  
 Supervised By :mohammad ahmed 10/04/2025

Integration File: autoint1.e  
 Quant Time: Oct 01 16:13:11 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 092325.M  
 Quant Title : GC Extractables  
 Qlast Update : Tue Sep 23 14:56:40 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)    | 11.643 | 3579984    | 19.114 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.23%        |
| 12) S 1-chlorooctadecane (S... | 13.078 | 2809520    | 17.791 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.58%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.385  | 2347334    | 18.311 ug/ml  |
| 2) T n-Decane (C10)            | 4.456  | 2715993    | 20.440 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.048  | 3061173    | 20.621 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.478  | 2941246    | 21.085 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.107  | 3089165    | 20.923 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.275  | 3110537    | 20.972 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.878  | 3361161    | 20.367 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.322 | 3461722    | 19.424 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.633 | 3296235    | 18.301 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.245 | 3203601    | 17.767 ug/ml  |
| 13) T n-Docosane (C22)         | 13.832 | 3195454    | 17.589 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.936 | 3182958    | 17.298 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.958 | 3076973    | 16.947 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.908 | 3062914    | 17.351 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.796 | 3309251    | 18.907 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.630 | 3249375    | 20.085 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.412 | 2775332    | 19.859 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.152 | 2018775    | 17.881 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.909 | 1577006    | 16.348 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.860 | 1364593    | 15.844 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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