

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060225AL\  
 Data File : FC069064.D  
 Signal(s) : FID1A.ch  
 Acq On : 02 Jun 2025 21:25  
 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 06/03/2025  
 Supervised By :mohammad ahmed 06/04/2025

Integration File: autoint1.e  
 Quant Time: Jun 03 07:39:01 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)    | 11.676 | 2475127    | 20.067 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.13%        |
| 12) S 1-chlorooctadecane (S... | 13.112 | 1794613    | 20.004 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.01%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.400  | 2181450    | 20.556 ug/ml  |
| 2) T n-Decane (C10)            | 4.476  | 2188181    | 20.661 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.071  | 2382733    | 20.606 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.503  | 2159880    | 20.546 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.131  | 2332781    | 20.577 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.303  | 2082600    | 20.317 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.908  | 2029328    | 20.000 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.353 | 1994214    | 19.953 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.666 | 1928571    | 19.801 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.279 | 1907340    | 19.816 ug/ml  |
| 13) T n-Docosane (C22)         | 13.866 | 1887533    | 19.813 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.972 | 1947289    | 20.682 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.994 | 1826957    | 19.678 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.947 | 1805599    | 19.425 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.836 | 1844395    | 19.062 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.671 | 1869211    | 18.862 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.457 | 1804650    | 18.724 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.199 | 1794484    | 18.903 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.968 | 1746388    | 19.142 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.938 | 1707813    | 19.355 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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