

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG060625AL\  
 Data File : FG015983.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Jun 2025 01:27  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

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

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 01:37:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 051225.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 12 12:44:43 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)    | 11.875 | 2705507    | 18.171 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.34%        |
| 12) S 1-chlorooctadecane (S... | 13.320 | 2069964    | 17.968 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.94%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.218  | 2015896    | 17.968 ug/ml  |
| 2) T n-Decane (C10)            | 4.480  | 2062410    | 18.229 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.195  | 2125353    | 18.179 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.662  | 2136350    | 18.540 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.298  | 2046134    | 17.914 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.498  | 2161566    | 18.766 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.112 | 2214857    | 18.728 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.560 | 2261694    | 18.606 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.874 | 2265866    | 18.489 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.488 | 2230590    | 18.211 ug/ml  |
| 13) T n-Docosane (C22)         | 14.076 | 2273663    | 18.662 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.183 | 2349531    | 19.398 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.208 | 2375368    | 19.843 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.160 | 2387337    | 20.247 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.050 | 2429746    | 20.448 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.887 | 2393811    | 20.266 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.669 | 2199334    | 19.696 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.411 | 2133822    | 19.733 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.148 | 2168773    | 20.878 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.057 | 2060476    | 20.205 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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