

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF090925AL\  
 Data File : FF016354.D  
 Signal(s) : FID2B.ch  
 Acq On : 09 Sep 2025 10:31  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/10/2025  
 Supervised By :mohammad ahmed 09/11/2025

Integration File: autoint1.e  
 Quant Time: Sep 10 01:29:46 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 082825.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 29 03:35:42 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)    | 11.970 | 3035356    | 20.987 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 41.97%        |
| 12) S 1-chlorooctadecane (S... | 13.410 | 2297374    | 20.596 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 41.19%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.329  | 2464955    | 21.083 ug/ml  |
| 2) T n-Decane (C10)            | 4.589  | 2504133    | 21.141 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.298  | 2760117    | 21.133 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.766  | 2538766    | 21.151 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.397  | 2677336    | 21.028 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.599  | 2540019    | 21.079 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.208 | 2636308    | 21.110 ug/mlm |
| 8) T n-Octadecane (C18)        | 11.653 | 2740720    | 21.158 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.965 | 2712837    | 21.216 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.578 | 2684341    | 21.142 ug/ml  |
| 13) T n-Docosane (C22)         | 14.165 | 2699335    | 21.261 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.270 | 2737512    | 21.401 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.293 | 2675583    | 21.404 ug/mlm |
| 16) T n-Octacosane (C28)       | 17.247 | 2607618    | 21.282 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.137 | 2608967    | 20.949 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.972 | 2435595    | 20.208 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.757 | 2211373    | 20.279 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.501 | 1858576    | 19.914 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.258 | 1594045    | 18.954 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.206 | 1424219    | 18.141 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF090925AL\  
Data File : FF016354.D  
Signal(s) : FID2B.ch  
Acq On : 09 Sep 2025 10:31  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 61 Sample Multiplier: 1

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

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/10/2025  
Supervised By :mohammad ahmed 09/11/2025

Integration File: autoint1.e  
Quant Time: Sep 10 01:29:46 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 082825.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 29 03:35:42 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

