

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE020725AL\  
 Data File : FE052307.D  
 Signal(s) : FID1B.ch  
 Acq On : 08 Feb 2025 00:57  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/10/2025  
 Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e  
 Quant Time: Feb 08 02:29:58 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 020325.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 07 07:52:07 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)    | 12.304 | 2532537    | 20.462 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.92%        |
| 12) S 1-chlorooctadecane (S... | 13.715 | 1987614    | 20.140 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 40.28%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.772  | 1926477    | 20.625 ug/ml  |
| 2) T n-Decane (C10)            | 4.999  | 2014332    | 20.976 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.701  | 2303264    | 21.552 ug/ml  |
| 4) T n-Dodecane (C12)          | 7.128  | 2107954    | 21.267 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.782  | 2278809    | 21.758 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.936  | 2159838    | 21.403 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.531 | 2289633    | 21.100 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.966 | 2348310    | 20.671 ug/ml  |
| 10) T n-Eicosane (C20)         | 13.268 | 2277556    | 20.182 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.877 | 2243299    | 19.920 ug/ml  |
| 13) T n-Docosane (C22)         | 14.460 | 2232660    | 19.725 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.558 | 2202932    | 19.160 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.574 | 2150272    | 18.750 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.519 | 2095137    | 18.517 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.403 | 2120589    | 18.610 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 19.230 | 2031720    | 18.635 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 20.011 | 1777329    | 18.734 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.748 | 1557576    | 18.850 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.560 | 1497117    | 20.152 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.596 | 1534200    | 20.578 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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