

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041125AL\  
 Data File : FE053321.D  
 Signal(s) : FID1B.ch  
 Acq On : 11 Apr 2025 14:11  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/14/2025  
 Supervised By :mohammad ahmed 04/15/2025

Integration File: autoint1.e  
 Quant Time: Apr 11 22:45:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032925.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 31 02:44:53 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)    | 11.890 | 2845075    | 17.467 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 34.93%        |
| 12) S 1-chlorooctadecane (S... | 13.335 | 2230764    | 18.583 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.17%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.235  | 2648233    | 17.103 ug/ml  |
| 2) T n-Decane (C10)            | 4.496  | 2811224    | 17.922 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.210  | 2947883    | 17.548 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.677  | 2835177    | 18.128 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.312  | 2811061    | 17.618 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.513  | 2790935    | 18.228 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.127 | 2826079    | 18.334 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.575 | 2774374    | 18.293 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.889 | 2608548    | 18.296 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.503 | 2513355    | 18.112 ug/ml  |
| 13) T n-Docosane (C22)         | 14.091 | 2548582    | 18.609 ug/mlm |
| 14) T n-Tetracosane (C24)      | 15.196 | 2646845    | 19.598 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.221 | 2735741    | 20.507 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.173 | 2889265    | 21.894 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.063 | 3206361    | 23.656 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.898 | 3362999    | 24.992 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.681 | 3102701    | 23.978 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.423 | 2753695    | 23.181 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.161 | 2286754    | 19.896 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.073 | 1953949    | 17.397 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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