

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121123AL\  
 Data File : FE045756.D  
 Signal(s) : FID1B.ch  
 Acq On : 11 Dec 2023 12:27  
 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 12/12/2023  
 Supervised By :Ankita Jodhani 12/12/2023

Integration File: autoint1.e  
 Quant Time: Dec 11 23:44:39 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 113023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 30 12:25:07 2023  
 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)    | 11.859 | 3860229    | 18.460 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.92%        |
| 12) S 1-chlorooctadecane (S... | 13.303 | 2862937    | 18.195 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.39%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.241  | 3166168    | 19.966 ug/mlm |
| 2) T n-Decane (C10)            | 4.493  | 3244888    | 20.264 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.195  | 3527568    | 20.251 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.661  | 3277340    | 20.290 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.292  | 3414994    | 20.110 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.488  | 3255665    | 20.294 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.099 | 3313706    | 20.011 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.545 | 3317229    | 19.348 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.857 | 3207162    | 18.536 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.470 | 3132133    | 18.207 ug/ml  |
| 13) T n-Docosane (C22)         | 14.058 | 3109095    | 18.032 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.164 | 3086058    | 17.677 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.188 | 3015608    | 17.316 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.140 | 2997148    | 17.341 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.031 | 3086401    | 17.642 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.866 | 3090878    | 16.942 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.653 | 2957862    | 17.826 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.398 | 2906899    | 18.313 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.134 | 2835364    | 18.080 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.043 | 3088902    | 21.735 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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