

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE050123AL\  
 Data File : FE041623.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 May 2023 08:44  
 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 05/01/2023  
 Supervised By :Ankita Jodhani 05/02/2023

Integration File: autoint1.e  
 Quant Time: May 01 12:08:37 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042123.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 07:33:51 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)    | 11.988 | 4086623    | 21.783 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 43.57%        |
| 12) S 1-chlorooctadecane (S... | 13.424 | 2977666    | 21.078 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 42.16%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.358  | 3353457    | 22.813 ug/ml  |
| 2) T n-Decane (C10)            | 4.612  | 3473109    | 23.157 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.320  | 3810256    | 23.024 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.781  | 3513778    | 23.110 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.418  | 3708403    | 22.998 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.612  | 3501478    | 23.051 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.221 | 3625325    | 22.717 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.668 | 3657164    | 22.312 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.978 | 3484449    | 21.663 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.591 | 3415588    | 21.432 ug/ml  |
| 13) T n-Docosane (C22)         | 14.178 | 3372495    | 21.167 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.282 | 3329759    | 20.653 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.305 | 3206397    | 20.281 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.257 | 3101859    | 20.159 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.144 | 3135029    | 20.584 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.978 | 3035222    | 20.374 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.762 | 2971885    | 21.096 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.503 | 2878257    | 21.523 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.261 | 2765773    | 20.931 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.207 | 2912820    | 23.006 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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