

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121123AL\  
 Data File : FE045750.D  
 Signal(s) : FID1B.ch  
 Acq On : 11 Dec 2023 08:56  
 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 23:43:45 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)    | 11.862 | 4329638    | 20.704 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 41.41%        |
| 12) S 1-chlorooctadecane (S... | 13.305 | 3213854    | 20.425 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.85%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.243  | 3555224    | 22.420 ug/ml  |
| 2) T n-Decane (C10)            | 4.494  | 3667448    | 22.902 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.197  | 3981003    | 22.854 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.662  | 3697454    | 22.890 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.294  | 3870817    | 22.794 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.490  | 3664871    | 22.845 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.101 | 3730132    | 22.526 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.548 | 3726045    | 21.733 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.859 | 3596625    | 20.787 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.473 | 3514779    | 20.431 ug/ml  |
| 13) T n-Docosane (C22)         | 14.061 | 3492001    | 20.253 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.167 | 3461518    | 19.828 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.191 | 3377483    | 19.394 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.144 | 3360324    | 19.443 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.036 | 3448224    | 19.710 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.873 | 3436855    | 18.839 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.659 | 3267749    | 19.693 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.403 | 3084516    | 19.432 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.138 | 3324823    | 21.202 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.054 | 3297096    | 23.200 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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