

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091724AL\  
 Data File : FE050162.D  
 Signal(s) : FID1B.ch  
 Acq On : 17 Sep 2024 21:46  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

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

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/18/2024  
 Supervised By :Ankita Jodhani 09/18/2024

Integration File: autoint1.e  
 Quant Time: Sep 18 01:29:08 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 09 17:11:47 2024  
 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)    | 11.874 | 2825252    | 18.989 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.98%        |
| 12) S 1-chlorooctadecane (S... | 13.308 | 2158210    | 19.214 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.43%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.261  | 2576170    | 19.006 ug/mlm |
| 2) T n-Decane (C10)            | 4.513  | 2644184    | 19.159 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.222  | 2693720    | 19.245 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.680  | 2650082    | 19.164 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.318  | 2530233    | 19.250 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.507  | 2612586    | 19.186 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.113 | 2675742    | 19.263 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.554 | 2683082    | 19.151 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.862 | 2562745    | 19.104 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.474 | 2519793    | 19.177 ug/ml  |
| 13) T n-Docosane (C22)         | 14.059 | 2491435    | 19.133 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.160 | 2503192    | 19.168 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.180 | 2459005    | 19.220 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.129 | 2516003    | 19.533 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.015 | 2711253    | 20.275 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.847 | 2757499    | 20.693 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.630 | 2560088    | 20.719 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.369 | 2308710    | 20.809 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.096 | 2153616    | 19.529 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.985 | 1940724    | 17.835 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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