

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091224AL\  
 Data File : FE050058.D  
 Signal(s) : FID1B.ch  
 Acq On : 12 Sep 2024 00:00  
 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 09/12/2024  
 Supervised By :Ankita Jodhani 09/12/2024

Integration File: sample.E  
 Quant Time: Sep 12 03:18:58 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 | 3102575    | 20.853 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 41.71%        |
| 12) S 1-chlorooctadecane (S... | 13.309 | 2347241    | 20.896 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 41.79%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.264  | 2790665    | 20.588 ug/ml  |
| 2) T n-Decane (C10)            | 4.514  | 2868495    | 20.784 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.223  | 2953725    | 21.103 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.681  | 2886693    | 20.875 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.318  | 2777693    | 21.133 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.508  | 2841178    | 20.865 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.114 | 2912442    | 20.967 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.556 | 2928287    | 20.901 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.864 | 2795717    | 20.841 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.475 | 2744553    | 20.887 ug/ml  |
| 13) T n-Docosane (C22)         | 14.061 | 2727744    | 20.948 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.161 | 2742545    | 21.001 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.181 | 2681711    | 20.961 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.130 | 2711216    | 21.048 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.016 | 2813607    | 21.041 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.847 | 2798302    | 20.999 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.630 | 2556978    | 20.694 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.367 | 2372520    | 21.384 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.096 | 2287806    | 20.746 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.988 | 2219962    | 20.401 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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