

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE073024AL\  
 Data File : FE049319.D  
 Signal(s) : FID1B.ch  
 Acq On : 30 Jul 2024 19:56  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/31/2024  
 Supervised By :Ankita Jodhani 07/31/2024

Integration File: sample.E  
 Quant Time: Jul 31 01:22:44 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071724.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 17 14:26:40 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)    | 11.906 | 2769165    | 17.854 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.71%       |
| 12) S 1-chlorooctadecane (S... | 13.342 | 2132626    | 18.253 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.51%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.293  | 2542455    | 16.906 ug/ml |
| 2) T n-Decane (C10)            | 4.543  | 2661262    | 17.230 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.251  | 2705921    | 17.368 ug/ml |
| 4) T n-Dodecane (C12)          | 6.710  | 2648134    | 17.198 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.346  | 2557829    | 17.576 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.538  | 2632943    | 17.348 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.145 | 2692536    | 17.754 ug/ml |
| 8) T n-Octadecane (C18)        | 11.588 | 2717259    | 17.897 ug/ml |
| 10) T n-Eicosane (C20)         | 12.897 | 2597259    | 17.961 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.508 | 2551354    | 17.992 ug/ml |
| 13) T n-Docosane (C22)         | 14.095 | 2548520    | 18.140 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.196 | 2589960    | 18.480 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.217 | 2600909    | 18.549 ug/ml |
| 16) T n-Octacosane (C28)       | 17.167 | 2744725    | 19.610 ug/ml |
| 17) T n-Tricontane (C30)       | 18.054 | 3165475    | 21.700 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.885 | 3288096    | 22.362 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.668 | 3146356    | 21.540 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.408 | 3054383    | 21.188 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.140 | 2962903    | 19.794 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.046 | 3216275    | 21.313 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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