

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE122722AL\  
 Data File : FE039478.D  
 Signal(s) : FID1B.ch  
 Acq On : 27 Dec 2022 09:31  
 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 12/28/2022  
 Supervised By :Ankita Jodhani 12/28/2022

Integration File: autoint1.e  
 Quant Time: Dec 28 02:16:02 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 121722.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 17 15:09:52 2022  
 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)    | 11.930 | 3146680    | 21.086 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 42.17%        |
| 12) S 1-chlorooctadecane (S... | 13.366 | 2331028    | 20.252 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.50%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.326  | 2667491    | 20.637 ug/ml  |
| 2) T n-Decane (C10)            | 4.574  | 2644533    | 20.754 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.277  | 2964194    | 20.505 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.737  | 2668593    | 20.555 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.371  | 2774198    | 20.484 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.563  | 2711161    | 20.460 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.170 | 2817021    | 20.476 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.612 | 2888864    | 20.626 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.921 | 2823573    | 20.684 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.532 | 2808634    | 20.592 ug/ml  |
| 13) T n-Docosane (C22)         | 14.120 | 2818434    | 20.835 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.222 | 2823416    | 21.033 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.242 | 2751191    | 21.129 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.192 | 2748900    | 21.359 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.080 | 2804563    | 21.783 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.913 | 2814895    | 21.737 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.696 | 2622851    | 20.789 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.436 | 2392562    | 19.787 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.174 | 2326558    | 18.839 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.084 | 2187876    | 17.422 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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