

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120222AL\  
 Data File : FE039086.D  
 Signal(s) : FID1B.ch  
 Acq On : 02 Dec 2022 12:21  
 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 12/05/2022  
 Supervised By :Ankita Jodhani 12/05/2022

Integration File: autoint1.e  
 Quant Time: Dec 02 15:36:43 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 111922.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 19 05:37:37 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)    | 11.946 | 2753647    | 17.602 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.20%        |
| 12) S 1-chlorooctadecane (S... | 13.380 | 2129610    | 17.638 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.28%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.341  | 2323485    | 16.392 ug/ml  |
| 2) T n-Decane (C10)            | 4.591  | 2310567    | 16.578 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.294  | 2686649    | 16.892 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.754  | 2335673    | 16.570 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.389  | 2528946    | 16.897 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.579  | 2389275    | 16.729 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.186 | 2497034    | 17.078 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.627 | 2564473    | 17.428 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.936 | 2533848    | 17.849 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.547 | 2516556    | 17.710 ug/ml  |
| 13) T n-Docosane (C22)         | 14.133 | 2566955    | 18.363 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.236 | 2636802    | 19.093 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.257 | 2658721    | 19.795 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.207 | 2735840    | 20.601 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.094 | 2774208    | 21.007 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.926 | 2788538    | 20.909 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.709 | 2621109    | 19.808 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.450 | 2445994    | 19.039 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.190 | 2446096    | 18.667 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.107 | 2418980    | 17.765 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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