

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032523AL\  
 Data File : FE041022.D  
 Signal(s) : FID1B.ch  
 Acq On : 25 Mar 2023 03:15  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/27/2023  
 Supervised By :Ankita Jodhani 03/27/2023

Integration File: autoint1.e  
 Quant Time: Mar 25 06:32:54 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Mar 25 06:32:15 2023  
 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)    | 11.863 | 3625512    | 19.291 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.58%        |
| 12) S 1-chlorooctadecane (S... | 13.303 | 2780364    | 19.324 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.65%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.261  | 3327794    | 19.179 ug/ml  |
| 2) T n-Decane (C10)            | 4.508  | 3266598    | 19.191 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.211  | 3570128    | 19.519 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.673  | 3326320    | 19.176 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.307  | 3248666    | 19.616 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.499  | 3347225    | 19.197 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.106 | 3413032    | 19.190 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.548 | 3446081    | 19.300 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.857 | 3289632    | 19.286 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.470 | 3271182    | 19.335 ug/ml  |
| 13) T n-Docosane (C22)         | 14.057 | 3189743    | 19.275 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.159 | 3107549    | 19.208 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.182 | 2988567    | 19.279 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.133 | 2913518    | 19.020 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.022 | 2866247    | 18.751 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.855 | 2901497    | 18.584 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.640 | 2915160    | 18.811 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.381 | 2879992    | 18.960 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.111 | 3020112    | 19.333 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.000 | 3123026    | 19.567 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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