

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032923AL\  
 Data File : FE041067.D  
 Signal(s) : FID1B.ch  
 Acq On : 29 Mar 2023 11:53  
 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 03/30/2023  
 Supervised By :Ankita Jodhani 03/30/2023

Integration File: autoint1.e  
 Quant Time: Mar 30 01:43:52 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)    | 11.854 | 3724963    | 19.820 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.64%        |
| 12) S 1-chlorooctadecane (S... | 13.293 | 2844881    | 19.773 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.55%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.253  | 3400097    | 19.596 ug/ml  |
| 2) T n-Decane (C10)            | 4.500  | 3363344    | 19.759 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.202  | 3726042    | 20.371 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.664  | 3416218    | 19.694 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.297  | 3505406    | 21.166 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.491  | 3445211    | 19.759 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.097 | 3508856    | 19.729 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.539 | 3522526    | 19.728 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.848 | 3359572    | 19.696 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.461 | 3324076    | 19.648 ug/ml  |
| 13) T n-Docosane (C22)         | 14.047 | 3254521    | 19.667 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.151 | 3175083    | 19.625 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.173 | 3048371    | 19.665 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.125 | 3030111    | 19.781 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.013 | 3042032    | 19.901 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.847 | 3099276    | 19.851 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.633 | 3086919    | 19.920 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.373 | 3053786    | 20.104 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.099 | 3119281    | 19.967 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.984 | 3203897    | 20.074 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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