

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101422AL\  
 Data File : FE038188.D  
 Signal(s) : FID1B.ch  
 Acq On : 15 Oct 2022 11:31  
 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 10/17/2022  
 Supervised By :Ankita Jodhani 10/17/2022

Integration File: sample.E  
 Quant Time: Oct 15 17:05:54 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 092822.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 28 06:23:29 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)    | 11.602 | 3022427    | 17.474 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 34.95%        |
| 12) S 1-chlorooctadecane (S... | 13.023 | 2376137    | 17.580 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.16%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.994  | 2758377    | 18.729 ug/ml  |
| 2) T n-Decane (C10)            | 4.252  | 2870684    | 19.417 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.974  | 2736372    | 19.982 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.425  | 2943759    | 19.318 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.067  | 2581693    | 19.425 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.245  | 2956854    | 19.319 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.844  | 2968871    | 19.007 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.278 | 2955341    | 18.425 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.580 | 2905292    | 17.816 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.189 | 2857013    | 17.340 ug/ml  |
| 13) T n-Docosane (C22)         | 13.772 | 2871976    | 17.447 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.869 | 2846834    | 17.358 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.885 | 2809693    | 17.231 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.829 | 2856514    | 17.831 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.713 | 3034079    | 18.960 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.542 | 3133652    | 19.900 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.323 | 3053358    | 20.609 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.058 | 2951638    | 20.474 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.755 | 3024584    | 22.289 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.526 | 2942699    | 23.117 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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