

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092222AL\  
 Data File : FE037727.D  
 Signal(s) : FID1B.ch  
 Acq On : 22 Sep 2022 12:55  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/23/2022  
 Supervised By :Ankita Jodhani 09/23/2022

Integration File: autoint1.e  
 Quant Time: Sep 23 03:43:03 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 082922.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 30 06:54:11 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)    | 11.624 | 3372095    | 19.954 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.91%        |
| 12) S 1-chlorooctadecane (S... | 13.049 | 2602153    | 20.219 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.44%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.010  | 3218386    | 21.034 ug/mlm |
| 2) T n-Decane (C10)            | 4.269  | 3276641    | 21.253 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.985  | 3410686    | 23.674 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.444  | 3326580    | 21.037 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.081  | 3368639    | 24.128 ug/ml  |
| 6) T n-Tetradecane (C14)       | 9.867  | 3294474    | 20.791 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.867  | 3294474    | 20.791 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.303 | 3389402    | 21.284 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.607 | 3261643    | 20.614 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.215 | 3220927    | 20.426 ug/ml  |
| 13) T n-Docosane (C22)         | 13.799 | 3150400    | 20.238 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.897 | 3239691    | 21.540 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.913 | 3002920    | 20.738 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.859 | 2944152    | 21.252 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.742 | 2962659    | 21.779 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.572 | 2974196    | 22.273 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.352 | 2781677    | 21.985 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.089 | 2854710    | 22.196 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.787 | 2804035    | 22.530 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.566 | 2569837    | 19.934 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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