

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE090622AL\  
 Data File : FE037431.D  
 Signal(s) : FID1B.ch  
 Acq On : 06 Sep 2022 22:43  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/07/2022  
 Supervised By :Ankita Jodhani 09/07/2022

Integration File: sample.E  
 Quant Time: Sep 07 03:06:19 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)    | 11.644 | 3299694    | 19.526 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.05%        |
| 12) S 1-chlorooctadecane (S... | 13.067 | 2522664    | 19.601 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.20%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.037  | 3169057    | 20.712 ug/ml  |
| 2) T n-Decane (C10)            | 4.295  | 3234859    | 20.982 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.010  | 3231540    | 22.430 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.467  | 3281525    | 20.752 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.102  | 3149464    | 22.558 ug/ml  |
| 6) T n-Tetradecane (C14)       | 9.886  | 3230481    | 20.388 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.886  | 3230481    | 20.388 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.321 | 3179857    | 19.969 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.624 | 3102949    | 19.611 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.232 | 3053613    | 19.365 ug/ml  |
| 13) T n-Docosane (C22)         | 13.817 | 3040026    | 19.529 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.914 | 2949786    | 19.612 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.929 | 2856444    | 19.726 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.876 | 2796686    | 20.187 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.759 | 2826566    | 20.779 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.587 | 2899912    | 21.717 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.367 | 2714751    | 21.456 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.102 | 2803624    | 21.799 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.800 | 2867493    | 23.040 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.582 | 2988770    | 23.184 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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