

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE082422AL\  
 Data File : FE037241.D  
 Signal(s) : FID1B.ch  
 Acq On : 25 Aug 2022 01:11  
 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 08/25/2022  
 Supervised By :Ankita Jodhani 08/25/2022

Integration File: autoint1.e  
 Quant Time: Aug 25 02:01:14 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 082322.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 25 01:38:38 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)    | 11.669 | 3327483    | 19.254 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.51%        |
| 12) S 1-chlorooctadecane (S... | 13.090 | 2588068    | 18.942 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.88%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.062  | 3050004    | 20.473 ug/ml  |
| 2) T n-Decane (C10)            | 4.318  | 3099639    | 20.693 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.036  | 3055080    | 21.104 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.488  | 3161509    | 20.451 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.128  | 3008255    | 21.745 ug/ml  |
| 6) T n-Tetradecane (C14)       | 9.908  | 3167364    | 20.138 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.908  | 3167364    | 20.138 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.344 | 3167830    | 19.656 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.646 | 3121837    | 18.960 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.255 | 3094997    | 18.711 ug/ml  |
| 13) T n-Docosane (C22)         | 13.839 | 3045382    | 18.332 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.936 | 2922986    | 17.707 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.950 | 2800023    | 17.173 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.896 | 2681837    | 16.890 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.779 | 2666508    | 17.168 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.607 | 2669767    | 17.898 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.388 | 2568044    | 19.113 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.124 | 2640857    | 20.571 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.822 | 2701129    | 22.500 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.614 | 2532513    | 20.968 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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