

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE112024AL\  
 Data File : FE051360.D  
 Signal(s) : FID1B.ch  
 Acq On : 20 Nov 2024 12:46  
 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 11/21/2024  
 Supervised By :Ankita Jodhani 11/21/2024

Integration File: autoint1.e  
 Quant Time: Nov 21 01:39:29 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 110724.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 07 04:56:04 2024  
 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)    | 11.845 | 3220597    | 21.457 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 42.91%        |
| 12) S 1-chlorooctadecane (S... | 13.277 | 2443409    | 21.522 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 43.04%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.233  | 2813923    | 20.336 ug/ml  |
| 2) T n-Decane (C10)            | 4.481  | 2855649    | 20.372 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.196  | 2785589    | 21.127 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.648  | 2894936    | 20.503 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.291  | 2692806    | 21.526 ug/mlm |
| 6) T n-Tetradecane (C14)       | 8.475  | 2866769    | 20.570 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.081 | 2954529    | 20.820 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.523 | 3040206    | 21.289 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.830 | 2972848    | 21.723 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.441 | 2908114    | 21.760 ug/ml  |
| 13) T n-Docosane (C22)         | 14.026 | 2895463    | 21.779 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.128 | 2880518    | 21.714 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.148 | 2826418    | 21.113 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.096 | 2765265    | 20.284 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.983 | 2776780    | 19.112 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.815 | 2665197    | 17.950 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.597 | 2320629    | 17.271 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.337 | 1964644    | 16.466 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.059 | 1900815    | 16.701 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.939 | 1708078    | 15.358 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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