

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092523AL\  
 Data File : FE044418.D  
 Signal(s) : FID1B.ch  
 Acq On : 25 Sep 2023 10:09  
 Operator : YP\AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e  
 Quant Time: Sep 25 10:33:49 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 092523.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 25 10:18:21 2023  
 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)    | 11.925 | 1970179    | 10.848 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 21.70%       |
| 12) S 1-chlorooctadecane (S... | 13.364 | 1422316    | 10.768 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 21.54%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.314  | 1718074    | 10.981 ug/ml |
| 2) T n-Decane (C10)            | 4.565  | 1742274    | 10.893 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.266  | 1874483    | 10.805 ug/ml |
| 4) T n-Dodecane (C12)          | 6.728  | 1752921    | 10.901 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.361  | 1784548    | 10.695 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.555  | 1730303    | 10.903 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.164 | 1784536    | 10.917 ug/ml |
| 8) T n-Octadecane (C18)        | 11.608 | 1789511    | 10.933 ug/ml |
| 10) T n-Eicosane (C20)         | 12.919 | 1692599    | 10.911 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.531 | 1646572    | 10.891 ug/ml |
| 13) T n-Docosane (C22)         | 14.118 | 1617438    | 10.853 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.223 | 1577969    | 10.825 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.244 | 1527301    | 10.804 ug/ml |
| 16) T n-Octacosane (C28)       | 17.196 | 1479069    | 10.767 ug/ml |
| 17) T n-Tricontane (C30)       | 18.084 | 1536552    | 10.998 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.918 | 1533376    | 11.057 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.703 | 1520072    | 10.987 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.445 | 1497581    | 10.802 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.187 | 1535236    | 10.595 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.109 | 1514031    | 9.650 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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