

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD012425AL\  
 Data File : FD048958.D  
 Signal(s) : FID2B.ch  
 Acq On : 24 Jan 2025 16:39  
 Operator : YP/AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jan 25 05:54:16 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 012425.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 25 05:52:04 2025  
 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)    | 11.240 | 2061185    | 10.356 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 20.71%       |
| 12) S 1-chlorooctadecane (S... | 12.682 | 1564090    | 10.341 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 20.68%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.107  | 1721241    | 10.549 ug/ml |
| 2) T n-Decane (C10)            | 4.151  | 1756217    | 10.545 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.700  | 1810598    | 10.210 ug/ml |
| 4) T n-Dodecane (C12)          | 6.143  | 1783481    | 10.542 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.748  | 1715475    | 10.112 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.924  | 1773276    | 10.465 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.512  | 1845449    | 10.403 ug/ml |
| 8) T n-Octadecane (C18)        | 10.943 | 1895311    | 10.444 ug/ml |
| 10) T n-Eicosane (C20)         | 12.244 | 1844999    | 10.431 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.852 | 1830506    | 10.479 ug/ml |
| 13) T n-Docosane (C22)         | 13.435 | 1826383    | 10.488 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.531 | 1831157    | 10.522 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.546 | 1800363    | 10.521 ug/ml |
| 16) T n-Octacosane (C28)       | 16.491 | 1778532    | 10.531 ug/ml |
| 17) T n-Tricontane (C30)       | 17.372 | 1831119    | 10.641 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.202 | 1740107    | 10.616 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.981 | 1505456    | 10.816 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.716 | 1233205    | 10.634 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.414 | 1113475    | 10.612 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.191 | 1005133    | 10.351 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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