

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040225AL\  
 Data File : FD049225.D  
 Signal(s) : FID2B.ch  
 Acq On : 03 Apr 2025 02:23  
 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: Apr 03 07:10:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 040225.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 03 07:07:22 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)    | 11.660 | 1871662    | 10.491 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 20.98%       |
| 12) S 1-chlorooctadecane (S... | 13.085 | 1346863    | 10.360 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 20.72%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.430  | 1342393    | 10.873 ug/ml |
| 2) T n-Decane (C10)            | 4.500  | 1356357    | 10.829 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.089  | 1570694    | 10.684 ug/ml |
| 4) T n-Dodecane (C12)          | 6.515  | 1354972    | 10.709 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.142  | 1516695    | 10.701 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.305  | 1394837    | 10.688 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.900  | 1509521    | 10.553 ug/ml |
| 8) T n-Octadecane (C18)        | 11.337 | 1629694    | 10.506 ug/ml |
| 10) T n-Eicosane (C20)         | 12.641 | 1618479    | 10.464 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.250 | 1607856    | 10.470 ug/ml |
| 13) T n-Docosane (C22)         | 13.834 | 1608471    | 10.490 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.931 | 1585893    | 10.468 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.947 | 1511080    | 10.441 ug/ml |
| 16) T n-Octacosane (C28)       | 16.891 | 1417804    | 10.458 ug/ml |
| 17) T n-Tricontane (C30)       | 17.775 | 1352881    | 10.424 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.603 | 1215238    | 10.383 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.383 | 1013841    | 10.220 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.119 | 780048     | 9.941 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.857 | 599191     | 9.537 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.778 | 386160     | 8.467 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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