

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF121024AL\  
 Data File : FF015161.D  
 Signal(s) : FID2B.ch  
 Acq On : 10 Dec 2024 16:10  
 Operator : YP\AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Dec 10 16:53:25 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 121024.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 10 16:48:15 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)    | 11.917 | 1433207    | 10.610 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 21.22%       |
| 12) S 1-chlorooctadecane (S... | 13.353 | 964129     | 10.320 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 20.64%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.318  | 1328460    | 10.713 ug/ml |
| 2) T n-Decane (C10)            | 4.567  | 1350097    | 10.706 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.266  | 1417526    | 10.601 ug/ml |
| 4) T n-Dodecane (C12)          | 6.727  | 1353555    | 10.692 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.359  | 1338555    | 10.545 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.551  | 1330703    | 10.657 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.157 | 1355911    | 10.634 ug/ml |
| 8) T n-Octadecane (C18)        | 11.599 | 1358236    | 10.610 ug/ml |
| 10) T n-Eicosane (C20)         | 12.909 | 1266664    | 10.579 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.521 | 1234925    | 10.572 ug/ml |
| 13) T n-Docosane (C22)         | 14.107 | 1218704    | 10.570 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.210 | 1232696    | 10.741 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.231 | 1173132    | 10.611 ug/ml |
| 16) T n-Octacosane (C28)       | 17.181 | 1158446    | 10.710 ug/ml |
| 17) T n-Tricontane (C30)       | 18.069 | 1200124    | 10.951 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.901 | 1152774    | 11.013 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.685 | 1007145    | 11.025 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.425 | 825210     | 10.872 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.161 | 735535     | 11.012 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.070 | 646628     | 11.381 ug/ml |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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