

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080224AL\  
 Data File : FD048135.D  
 Signal(s) : FID2B.ch  
 Acq On : 02 Aug 2024 11:37  
 Operator : YP/AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e  
 Quant Time: Aug 02 14:07:01 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 080224.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 02 13:59:26 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)    | 11.290 | 1039007    | 5.170 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.34%      |
| 12) S 1-chlorooctadecane (S... | 12.732 | 776333     | 5.084 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.17%      |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.147  | 927068     | 5.145 ug/ml |
| 2) T n-Decane (C10)            | 4.192  | 953982     | 5.148 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.743  | 1005562    | 5.025 ug/ml |
| 4) T n-Dodecane (C12)          | 6.187  | 970106     | 5.175 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.790  | 932732     | 4.883 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.969  | 971315     | 5.214 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.560  | 969663     | 5.106 ug/ml |
| 8) T n-Octadecane (C18)        | 10.992 | 986178     | 5.139 ug/ml |
| 10) T n-Eicosane (C20)         | 12.294 | 946456     | 5.149 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.902 | 937259     | 5.189 ug/ml |
| 13) T n-Docosane (C22)         | 13.486 | 918166     | 5.142 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.582 | 908962     | 5.150 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.598 | 877474     | 5.142 ug/ml |
| 16) T n-Octacosane (C28)       | 16.542 | 853441     | 5.177 ug/ml |
| 17) T n-Tricontane (C30)       | 17.425 | 863124     | 5.225 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.253 | 827308     | 5.218 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.033 | 778863     | 5.169 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.768 | 725806     | 5.111 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.465 | 706212     | 5.104 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.257 | 656944     | 4.956 ug/ml |
| -----                          |        |            |             |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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