

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC020824AL\  
 Data File : FC065671.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Feb 2024 12:53  
 Operator : YP/AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 08 13:24:30 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 020824.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 08 12:53:59 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)    | 11.491 | 826532     | 4.776 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 9.55%        |
| 12) S 1-chlorooctadecane (S... | 12.922 | 578392     | 4.491 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 8.98%        |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.283  | 700504     | 4.642 ug/ml  |
| 2) T n-Decane (C10)            | 4.346  | 703510     | 4.596 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.950  | 673791     | 4.395 ug/mlm |
| 4) T n-Dodecane (C12)          | 6.359  | 703418     | 4.529 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.014  | 578447     | 3.980 ug/mlm |
| 6) T n-Tetradecane (C14)       | 8.148  | 677484     | 4.490 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.743  | 675105     | 4.402 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.176 | 718543     | 4.554 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.478 | 718757     | 4.697 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.086 | 726469     | 4.787 ug/ml  |
| 13) T n-Docosane (C22)         | 13.669 | 712691     | 4.736 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.767 | 720318     | 4.797 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.782 | 727411     | 4.879 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.728 | 729169     | 4.969 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.609 | 752746     | 5.036 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.437 | 750742     | 5.122 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.217 | 733950     | 5.118 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.953 | 722305     | 5.174 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.669 | 712930     | 5.144 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.539 | 695061     | 5.114 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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