

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040324AL\  
 Data File : FC066177.D  
 Signal(s) : FID1A.ch  
 Acq On : 03 Apr 2024 21:07  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 04 01:19:31 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040124.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 01 13:05:22 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)    | 11.475 | 3712438    | 17.575 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.15%        |
| 12) S 1-chlorooctadecane (S... | 12.902 | 2775440    | 17.703 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 35.41%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.273  | 2992857    | 16.684 ug/ml  |
| 2) T n-Decane (C10)            | 4.333  | 3206083    | 17.240 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.923  | 3202222    | 16.780 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.343  | 3299699    | 17.334 ug/mlm |
| 5) T A~2-methylnaphthalene...  | 6.979  | 2895192    | 16.349 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.132  | 3235242    | 17.343 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.724  | 3348714    | 17.427 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.157 | 3455083    | 17.736 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.459 | 3350733    | 17.729 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.068 | 3304823    | 17.658 ug/mlm |
| 13) T n-Docosane (C22)         | 13.649 | 3367139    | 17.780 ug/mlm |
| 14) T n-Tetracosane (C24)      | 14.746 | 3481438    | 17.936 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.759 | 3520867    | 18.232 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.702 | 3691452    | 19.000 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.584 | 4091347    | 20.666 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.411 | 4169081    | 21.560 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.190 | 3830651    | 20.896 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.924 | 3448267    | 19.617 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.637 | 3255099    | 18.866 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.495 | 3083610    | 18.314 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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