

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032323AL\  
 Data File : FC063219.D  
 Signal(s) : FID1A.ch  
 Acq On : 23 Mar 2023 13:30  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Mar 24 01:54:22 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 031523.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 16 01:30:46 2023  
 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)    | 11.530 | 2843609    | 21.720 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.44%       |
| 12) S 1-chlorooctadecane (S... | 12.968 | 2161028    | 22.397 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.79%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.292  | 2611153    | 21.587 ug/ml |
| 2) T n-Decane (C10)            | 4.360  | 2558550    | 21.744 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.944  | 2835966    | 22.024 ug/ml |
| 4) T n-Dodecane (C12)          | 6.380  | 2564017    | 21.821 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.002  | 2636797    | 22.418 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.176  | 2525601    | 21.937 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.777  | 2572839    | 22.084 ug/ml |
| 8) T n-Octadecane (C18)        | 11.218 | 2598211    | 21.977 ug/ml |
| 10) T n-Eicosane (C20)         | 12.526 | 2529409    | 21.957 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.136 | 2535853    | 22.001 ug/ml |
| 13) T n-Docosane (C22)         | 13.722 | 2510376    | 22.046 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.823 | 2525077    | 22.210 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.842 | 2523120    | 22.420 ug/ml |
| 16) T n-Octacosane (C28)       | 16.789 | 2546489    | 22.627 ug/ml |
| 17) T n-Tricontane (C30)       | 17.677 | 2591401    | 22.784 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.506 | 2645342    | 22.864 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.290 | 2612610    | 22.730 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.025 | 2492562    | 22.811 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.754 | 2498613    | 23.124 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.653 | 2497103    | 23.581 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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