

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC042023AL\  
 Data File : FC063427.D  
 Signal(s) : FID1A.ch  
 Acq On : 20 Apr 2023 14:11  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Apr 21 02:16:33 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040523.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 05 07:22:46 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)    | 11.545 | 3098433    | 20.365 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.73%       |
| 12) S 1-chlorooctadecane (S... | 12.980 | 2360909    | 21.337 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.67%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.307  | 2878986    | 20.506 ug/ml |
| 2) T n-Decane (C10)            | 4.375  | 2846188    | 20.886 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.961  | 3153660    | 20.885 ug/ml |
| 4) T n-Dodecane (C12)          | 6.394  | 2834126    | 21.067 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.019  | 2939513    | 21.105 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.189  | 2783822    | 20.564 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.789  | 2819659    | 20.764 ug/ml |
| 8) T n-Octadecane (C18)        | 11.229 | 2826922    | 20.409 ug/ml |
| 10) T n-Eicosane (C20)         | 12.537 | 2751310    | 20.479 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.147 | 2782827    | 20.677 ug/ml |
| 13) T n-Docosane (C22)         | 13.734 | 2730289    | 20.474 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.834 | 2800974    | 20.832 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.853 | 2782709    | 20.789 ug/ml |
| 16) T n-Octacosane (C28)       | 16.800 | 2837533    | 20.956 ug/ml |
| 17) T n-Tricontane (C30)       | 17.687 | 2965516    | 21.437 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.516 | 3041588    | 21.544 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.299 | 2965334    | 21.488 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.037 | 2862203    | 22.393 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.768 | 2832744    | 23.006 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.667 | 2870152    | 24.390 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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