

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF071423AL\  
 Data File : FF013072.D  
 Signal(s) : FID2B.ch  
 Acq On : 14 Jul 2023 20:38  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e  
 Quant Time: Jul 15 01:55:22 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 071423.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 15 01:52:39 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)    | 10.856 | 3566217    | 20.330 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.66%       |
| 12) S 1-chlorooctadecane (S... | 12.287 | 2713050    | 20.405 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.81%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.734  | 2626494    | 20.566 ug/ml |
| 2) T n-Decane (C10)            | 3.737  | 2671686    | 20.703 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.303  | 2875724    | 20.327 ug/ml |
| 4) T n-Dodecane (C12)          | 5.719  | 2827364    | 20.532 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.354  | 2594917    | 20.101 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.505  | 2808203    | 20.675 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.100  | 2954935    | 20.586 ug/ml |
| 8) T n-Octadecane (C18)        | 10.537 | 3126385    | 20.516 ug/ml |
| 10) T n-Eicosane (C20)         | 11.842 | 3116139    | 20.443 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.452 | 3080512    | 20.288 ug/ml |
| 13) T n-Docosane (C22)         | 13.036 | 3197218    | 20.966 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.136 | 3351667    | 21.773 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.154 | 3384827    | 22.233 ug/ml |
| 16) T n-Octacosane (C28)       | 16.100 | 3425845    | 22.830 ug/ml |
| 17) T n-Tricontane (C30)       | 16.985 | 3513264    | 22.758 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.816 | 3370107    | 22.240 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.598 | 3001385    | 21.561 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.335 | 2636351    | 20.019 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.054 | 2418778    | 20.357 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.931 | 2238653    | 20.769 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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