

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC073124AL\  
 Data File : FC066866.D  
 Signal(s) : FID1A.ch  
 Acq On : 31 Jul 2024 13:43  
 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: Aug 01 04:23:12 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 13:58:41 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)    | 11.519 | 3340593    | 21.699 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.40%       |
| 12) S 1-chlorooctadecane (S... | 12.958 | 2495621    | 22.319 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.64%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.286  | 3067650    | 21.619 ug/ml |
| 2) T n-Decane (C10)            | 4.351  | 3143730    | 21.266 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.932  | 3426574    | 21.457 ug/ml |
| 4) T n-Dodecane (C12)          | 6.370  | 3149976    | 21.011 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.989  | 3288472    | 21.451 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.164  | 3080382    | 21.054 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.765  | 3158904    | 21.106 ug/ml |
| 8) T n-Octadecane (C18)        | 11.207 | 3143262    | 21.181 ug/ml |
| 10) T n-Eicosane (C20)         | 12.515 | 2980876    | 21.386 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.127 | 2903591    | 21.317 ug/ml |
| 13) T n-Docosane (C22)         | 13.713 | 2886248    | 21.488 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.816 | 2839816    | 21.350 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.835 | 2770202    | 21.290 ug/ml |
| 16) T n-Octacosane (C28)       | 16.785 | 2703653    | 21.431 ug/ml |
| 17) T n-Tricontane (C30)       | 17.672 | 2733354    | 21.256 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.503 | 2660469    | 21.133 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.287 | 2541031    | 20.539 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.028 | 2378217    | 20.445 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.756 | 2319569    | 20.877 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.652 | 2252222    | 20.717 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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