

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091323AL\  
 Data File : FC064565.D  
 Signal(s) : FID1A.ch  
 Acq On : 14 Sep 2023 01:04  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Sep 14 02:47:07 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 081823.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 18 14:31:35 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)    | 11.505 | 4172170    | 19.652 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.30%       |
| 12) S 1-chlorooctadecane (S... | 12.940 | 3072706    | 20.153 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.31%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.302  | 3454355    | 19.572 ug/ml |
| 2) T n-Decane (C10)            | 4.362  | 3538077    | 20.169 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.940  | 3786725    | 20.364 ug/ml |
| 4) T n-Dodecane (C12)          | 6.372  | 3596157    | 20.175 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.994  | 3661661    | 20.584 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.161  | 3547873    | 20.337 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.756  | 3572214    | 20.671 ug/ml |
| 8) T n-Octadecane (C18)        | 11.192 | 3582915    | 20.465 ug/ml |
| 10) T n-Eicosane (C20)         | 12.497 | 3428160    | 20.266 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.106 | 3346866    | 20.053 ug/ml |
| 13) T n-Docosane (C22)         | 13.691 | 3294187    | 20.196 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.789 | 3185114    | 20.001 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.806 | 3056944    | 19.786 ug/ml |
| 16) T n-Octacosane (C28)       | 16.754 | 2984605    | 20.159 ug/ml |
| 17) T n-Tricontane (C30)       | 17.636 | 3069198    | 21.012 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.466 | 3084611    | 21.837 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.246 | 2953407    | 22.104 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.983 | 2850122    | 22.273 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.704 | 2777141    | 22.616 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.585 | 2753310    | 23.708 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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