

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC081823AL\  
 Data File : FC064361.D  
 Signal(s) : FID1A.ch  
 Acq On : 18 Aug 2023 10:57  
 Operator : YP/AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e  
 Quant Time: Aug 18 13:14:26 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 081823.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 18 13:04:15 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)    | 11.522 | 21220597   | 98.661 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 197.32%       |
| 12) S 1-chlorooctadecane (S... | 12.954 | 15275551   | 98.448 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 196.90%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.312  | 18090430   | 101.121 ug/ml |
| 2) T n-Decane (C10)            | 4.371  | 18176352   | 102.124 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.948  | 19880034   | 107.528 ug/ml |
| 4) T n-Dodecane (C12)          | 6.381  | 18274121   | 100.493 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.004  | 19468921   | 109.413 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.172  | 17847083   | 100.859 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.768  | 17775867   | 100.476 ug/ml |
| 8) T n-Octadecane (C18)        | 11.207 | 17512757   | 98.491 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.510 | 16734807   | 97.628 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.120 | 16427354   | 97.298 ug/ml  |
| 13) T n-Docosane (C22)         | 13.705 | 16155978   | 97.740 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.803 | 15750786   | 97.744 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.820 | 15219647   | 97.268 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.767 | 14578156   | 97.321 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.650 | 14254797   | 96.748 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.481 | 13715056   | 96.594 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.259 | 13044588   | 97.015 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.995 | 12614816   | 97.901 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.719 | 12193654   | 98.508 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.602 | 11831474   | 100.507 ug/ml |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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