

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC090623AL\  
 Data File : FC064516.D  
 Signal(s) : FID1A.ch  
 Acq On : 06 Sep 2023 12:35  
 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: Sep 06 13:23:54 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)    | 11.510 | 4035579    | 19.009 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.02%       |
| 12) S 1-chlorooctadecane (S... | 12.944 | 2929078    | 19.211 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.42%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.301  | 3495250    | 19.803 ug/ml |
| 2) T n-Decane (C10)            | 4.362  | 3549573    | 20.235 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.941  | 3749901    | 20.166 ug/ml |
| 4) T n-Dodecane (C12)          | 6.374  | 3582492    | 20.099 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.996  | 3633124    | 20.424 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.164  | 3479517    | 19.945 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.759  | 3473244    | 20.098 ug/ml |
| 8) T n-Octadecane (C18)        | 11.197 | 3439233    | 19.644 ug/ml |
| 10) T n-Eicosane (C20)         | 12.502 | 3265403    | 19.304 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.111 | 3196573    | 19.152 ug/ml |
| 13) T n-Docosane (C22)         | 13.696 | 3141715    | 19.261 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.795 | 3026840    | 19.007 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.812 | 2921084    | 18.907 ug/ml |
| 16) T n-Octacosane (C28)       | 16.760 | 2829289    | 19.110 ug/ml |
| 17) T n-Tricontane (C30)       | 17.643 | 2858304    | 19.568 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.473 | 2843321    | 20.129 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.252 | 2756197    | 20.628 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.990 | 2709131    | 21.172 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.710 | 2691832    | 21.921 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.591 | 2661466    | 22.918 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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