

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080323AL\  
 Data File : FC064331.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Aug 2023 14:23  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc : LOD 2.5 PPM  
 ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Aug 07 04:45:21 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 072323.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 24 01:54:49 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)    | 11.514 | 4107060    | 23.021 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 46.04%       |
| 12) S 1-chlorooctadecane (S... | 12.949 | 2836355    | 22.491 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.98%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.307  | 3818285    | 23.532 ug/ml |
| 2) T n-Decane (C10)            | 4.368  | 3857641    | 23.591 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.948  | 3866822    | 23.826 ug/ml |
| 4) T n-Dodecane (C12)          | 6.379  | 3853366    | 23.604 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.002  | 3587077    | 23.542 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.168  | 3691462    | 23.511 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.764  | 3668138    | 23.329 ug/ml |
| 8) T n-Octadecane (C18)        | 11.200 | 3661305    | 23.109 ug/ml |
| 10) T n-Eicosane (C20)         | 12.506 | 3437766    | 23.035 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.117 | 3359179    | 23.016 ug/ml |
| 13) T n-Docosane (C22)         | 13.699 | 3300736    | 23.127 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.799 | 3270208    | 23.282 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.816 | 3213433    | 23.401 ug/ml |
| 16) T n-Octacosane (C28)       | 16.762 | 3172350    | 23.657 ug/ml |
| 17) T n-Tricontane (C30)       | 17.647 | 3266138    | 23.531 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.475 | 3261353    | 23.176 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.255 | 3210089    | 23.121 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.991 | 3091964    | 22.788 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.713 | 3004945    | 22.155 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.596 | 2768649    | 20.612 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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