

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC042825AL\  
 Data File : FC068712.D  
 Signal(s) : FID1A.ch  
 Acq On : 28 Apr 2025 22:02  
 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: Apr 29 03:09:34 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 17:31:27 2025  
 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)    | 11.717 | 2360088    | 18.534 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.07%       |
| 12) S 1-chlorooctadecane (S... | 13.150 | 1683571    | 18.124 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.25%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.446  | 2031737    | 19.291 ug/ml |
| 2) T n-Decane (C10)            | 4.522  | 2025379    | 19.223 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.120  | 2240447    | 19.238 ug/ml |
| 4) T n-Dodecane (C12)          | 6.548  | 1989541    | 18.919 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.179  | 2201587    | 19.062 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.346  | 1907529    | 18.555 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.948  | 1862646    | 18.290 ug/ml |
| 8) T n-Octadecane (C18)        | 11.393 | 1830756    | 18.192 ug/ml |
| 10) T n-Eicosane (C20)         | 12.704 | 1778227    | 18.079 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.317 | 1763533    | 18.096 ug/ml |
| 13) T n-Docosane (C22)         | 13.904 | 1750369    | 18.121 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.008 | 1745317    | 18.336 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.030 | 1741854    | 18.648 ug/ml |
| 16) T n-Octacosane (C28)       | 16.982 | 1757356    | 19.194 ug/ml |
| 17) T n-Tricontane (C30)       | 17.871 | 1837580    | 19.988 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.706 | 1881025    | 20.506 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.489 | 1859398    | 20.813 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.232 | 1898024    | 21.188 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.008 | 1895295    | 21.437 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.989 | 1904400    | 21.566 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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