

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC022025AL\  
 Data File : FC068286.D  
 Signal(s) : FID1A.ch  
 Acq On : 20 Feb 2025 12:41  
 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: Feb 21 01:10:13 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 021125.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 12 12:52:40 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)    | 11.400 | 2974358    | 19.034 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.07%       |
| 12) S 1-chlorooctadecane (S... | 12.842 | 2195228    | 19.088 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.18%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.205  | 2797359    | 20.429 ug/ml |
| 2) T n-Decane (C10)            | 4.263  | 2820222    | 20.314 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.830  | 3052805    | 20.335 ug/ml |
| 4) T n-Dodecane (C12)          | 6.272  | 2782855    | 19.920 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.883  | 2892043    | 20.135 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.061  | 2687249    | 19.690 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.657  | 2707862    | 19.488 ug/ml |
| 8) T n-Octadecane (C18)        | 11.095 | 2701836    | 19.310 ug/ml |
| 10) T n-Eicosane (C20)         | 12.401 | 2568486    | 19.196 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.012 | 2514969    | 19.149 ug/ml |
| 13) T n-Docosane (C22)         | 13.596 | 2483787    | 19.175 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.698 | 2453887    | 19.113 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.718 | 2409229    | 19.146 ug/ml |
| 16) T n-Octacosane (C28)       | 16.666 | 2368981    | 18.941 ug/ml |
| 17) T n-Tricontane (C30)       | 17.552 | 2411712    | 18.659 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.385 | 2327842    | 18.621 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.167 | 2078392    | 19.160 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.906 | 1845604    | 19.943 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.618 | 1772960    | 20.691 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.474 | 1746866    | 21.604 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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