

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032725AL\  
 Data File : FC068429.D  
 Signal(s) : FID1A.ch  
 Acq On : 27 Mar 2025 20:42  
 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: Mar 28 02:49:54 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 032625.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 26 13:35:27 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)    | 11.384 | 3801922    | 19.141 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.28%       |
| 12) S 1-chlorooctadecane (S... | 12.826 | 2858205    | 19.173 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.35%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.197  | 3095640    | 19.355 ug/ml |
| 2) T n-Decane (C10)            | 4.254  | 3164674    | 19.522 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.818  | 3474222    | 19.664 ug/ml |
| 4) T n-Dodecane (C12)          | 6.260  | 3207606    | 19.451 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.870  | 3362589    | 19.769 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.047  | 3200734    | 19.453 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.642  | 3353715    | 19.515 ug/ml |
| 8) T n-Octadecane (C18)        | 11.080 | 3402630    | 19.385 ug/ml |
| 10) T n-Eicosane (C20)         | 12.385 | 3296403    | 19.247 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.995 | 3237856    | 19.303 ug/ml |
| 13) T n-Docosane (C22)         | 13.580 | 3214150    | 19.053 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.680 | 3176735    | 18.549 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.698 | 3117760    | 18.524 ug/ml |
| 16) T n-Octacosane (C28)       | 16.646 | 3041094    | 18.187 ug/ml |
| 17) T n-Tricontane (C30)       | 17.532 | 3109365    | 17.833 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.364 | 2987924    | 17.849 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.145 | 2614263    | 17.724 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.883 | 2246415    | 18.356 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.593 | 2098654    | 19.543 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.438 | 2003715    | 20.445 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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