

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG102824AL\  
 Data File : FG014530.D  
 Signal(s) : FID1A.ch  
 Acq On : 28 Oct 2024 13:27  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 29 02:33:10 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 102124.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 22 06:49:54 2024  
 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)    | 11.970 | 3109298    | 20.287 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.57%       |
| 12) S 1-chlorooctadecane (S... | 13.407 | 2386492    | 19.435 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.87%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.342  | 2723016    | 21.041 ug/ml |
| 2) T n-Decane (C10)            | 4.593  | 2780897    | 21.105 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.298  | 3022171    | 21.068 ug/ml |
| 4) T n-Dodecane (C12)          | 6.762  | 2816784    | 21.204 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.395  | 2939326    | 21.069 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.594  | 2796987    | 21.081 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.205 | 2875845    | 20.695 ug/ml |
| 8) T n-Octadecane (C18)        | 11.650 | 2889268    | 20.182 ug/ml |
| 10) T n-Eicosane (C20)         | 12.961 | 2766508    | 19.673 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.574 | 2719458    | 19.429 ug/ml |
| 13) T n-Docosane (C22)         | 14.161 | 2695354    | 19.161 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.264 | 2655868    | 18.664 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.285 | 2570203    | 18.209 ug/ml |
| 16) T n-Octacosane (C28)       | 17.236 | 2459929    | 17.799 ug/ml |
| 17) T n-Tricontane (C30)       | 18.123 | 2431928    | 17.546 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.955 | 2291511    | 17.503 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.737 | 1982843    | 17.715 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.475 | 1699068    | 18.255 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.227 | 1598101    | 19.128 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.169 | 1537597    | 20.220 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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