

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG122024AL\  
 Data File : FG015002.D  
 Signal(s) : FID1A.ch  
 Acq On : 20 Dec 2024 12:59  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Dec 20 13:56:01 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 122024.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 20 13:49:57 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)    | 11.960 | 3070334    | 19.462 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.92%       |
| 12) S 1-chlorooctadecane (S... | 13.406 | 2445251    | 19.350 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.70%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.294  | 2501937    | 19.570 ug/ml |
| 2) T n-Decane (C10)            | 4.556  | 2558059    | 19.628 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.268  | 2820942    | 19.652 ug/ml |
| 4) T n-Dodecane (C12)          | 6.737  | 2603197    | 19.702 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.370  | 2757078    | 19.670 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.576  | 2619346    | 19.636 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.192 | 2761916    | 19.566 ug/ml |
| 8) T n-Octadecane (C18)        | 11.644 | 2850681    | 19.458 ug/ml |
| 10) T n-Eicosane (C20)         | 12.959 | 2808350    | 19.353 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.574 | 2795086    | 19.287 ug/ml |
| 13) T n-Docosane (C22)         | 14.163 | 2804122    | 19.186 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.272 | 2837228    | 19.000 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.297 | 2816020    | 18.765 ug/ml |
| 16) T n-Octacosane (C28)       | 17.251 | 2761148    | 18.444 ug/ml |
| 17) T n-Tricontane (C30)       | 18.142 | 2784393    | 18.140 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.978 | 2685831    | 18.204 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.763 | 2315668    | 18.145 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.508 | 1991442    | 18.461 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.262 | 1870253    | 18.659 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.209 | 1891821    | 20.140 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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