

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD012425AL\  
 Data File : FD048960.D  
 Signal(s) : FID2B.ch  
 Acq On : 24 Jan 2025 17:53  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e  
 Quant Time: Jan 25 05:58:23 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 012425.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 25 05:57:24 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)    | 11.240 | 3617096    | 18.732 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.46%       |
| 12) S 1-chlorooctadecane (S... | 12.682 | 2744267    | 18.696 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.39%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.107  | 3024644    | 18.913 ug/ml |
| 2) T n-Decane (C10)            | 4.151  | 3075772    | 18.863 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.698  | 3273838    | 19.157 ug/ml |
| 4) T n-Dodecane (C12)          | 6.143  | 3120092    | 18.839 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.744  | 3110615    | 19.297 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.923  | 3101427    | 18.760 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.512  | 3232715    | 18.749 ug/ml |
| 8) T n-Octadecane (C18)        | 10.943 | 3303846    | 18.737 ug/ml |
| 10) T n-Eicosane (C20)         | 12.244 | 3207234    | 18.635 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.852 | 3175256    | 18.647 ug/ml |
| 13) T n-Docosane (C22)         | 13.436 | 3161587    | 18.592 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.532 | 3146448    | 18.469 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.547 | 3080079    | 18.389 ug/ml |
| 16) T n-Octacosane (C28)       | 16.491 | 2984549    | 17.941 ug/ml |
| 17) T n-Tricontane (C30)       | 17.373 | 2951630    | 17.195 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.202 | 2777498    | 16.990 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.980 | 2392354    | 17.172 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.717 | 2030247    | 17.656 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.412 | 1876840    | 18.113 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.188 | 1721720    | 17.965 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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