

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061424AL\  
 Data File : FE048716.D  
 Signal(s) : FID1B.ch  
 Acq On : 14 Jun 2024 07:01  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jun 14 10:52:33 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 052524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 24 16:28:51 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)    | 11.939 | 2688308    | 18.721 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.44%       |
| 12) S 1-chlorooctadecane (S... | 13.373 | 2014791    | 18.494 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.99%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.327  | 2506795    | 16.767 ug/ml |
| 2) T n-Decane (C10)            | 4.576  | 2711098    | 17.954 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.282  | 2636285    | 17.705 ug/ml |
| 4) T n-Dodecane (C12)          | 6.741  | 2707011    | 18.287 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.378  | 2512931    | 18.124 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.569  | 2611572    | 18.413 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.177 | 2635810    | 18.696 ug/ml |
| 8) T n-Octadecane (C18)        | 11.619 | 2600120    | 18.721 ug/ml |
| 10) T n-Eicosane (C20)         | 12.928 | 2470924    | 18.672 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.540 | 2412905    | 18.628 ug/ml |
| 13) T n-Docosane (C22)         | 14.125 | 2416653    | 18.754 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.227 | 2484354    | 19.177 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.247 | 2513635    | 19.394 ug/ml |
| 16) T n-Octacosane (C28)       | 17.197 | 2632519    | 20.367 ug/ml |
| 17) T n-Tricontane (C30)       | 18.084 | 2943651    | 21.974 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.914 | 3081869    | 22.704 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.699 | 2940898    | 21.498 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.438 | 2730122    | 20.084 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.175 | 2619814    | 19.211 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.088 | 2463524    | 17.992 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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