

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE051724AL\  
 Data File : FE048271.D  
 Signal(s) : FID1B.ch  
 Acq On : 18 May 2024 07:12  
 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: May 18 07:36:53 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042724.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 29 03:29:12 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)    | 11.957 | 2465967    | 17.093 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.19%       |
| 12) S 1-chlorooctadecane (S... | 13.391 | 1896369    | 16.971 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 33.94%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.344  | 2323607    | 18.029 ug/ml |
| 2) T n-Decane (C10)            | 4.593  | 2475079    | 18.800 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.299  | 2465066    | 17.852 ug/ml |
| 4) T n-Dodecane (C12)          | 6.758  | 2455986    | 18.423 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.395  | 2338045    | 17.569 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.586  | 2367459    | 17.865 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.194 | 2406665    | 17.499 ug/ml |
| 8) T n-Octadecane (C18)        | 11.636 | 2405322    | 17.268 ug/ml |
| 10) T n-Eicosane (C20)         | 12.946 | 2313405    | 17.182 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.557 | 2250134    | 16.998 ug/ml |
| 13) T n-Docosane (C22)         | 14.144 | 2303108    | 17.379 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.245 | 2429374    | 18.245 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.265 | 2528761    | 18.950 ug/ml |
| 16) T n-Octacosane (C28)       | 17.214 | 2692933    | 20.225 ug/ml |
| 17) T n-Tricontane (C30)       | 18.100 | 2973703    | 21.546 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.932 | 3020425    | 21.867 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.715 | 2731735    | 20.053 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.455 | 2547208    | 18.813 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.193 | 2448764    | 17.736 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.112 | 2413713    | 17.325 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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