

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE011124AL\  
 Data File : FE046169.D  
 Signal(s) : FID1B.ch  
 Acq On : 11 Jan 2024 08:44  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 12 01:45:51 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 122923.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 29 03:49:54 2023  
 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)    | 11.832 | 3312901    | 18.230 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.46%       |
| 12) S 1-chlorooctadecane (S... | 13.275 | 2464088    | 18.442 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.88%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.216  | 2573103    | 16.813 ug/ml |
| 2) T n-Decane (C10)            | 4.467  | 2658433    | 17.129 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.171  | 2831827    | 17.028 ug/ml |
| 4) T n-Dodecane (C12)          | 6.635  | 2714971    | 17.388 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.268  | 2746703    | 17.252 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.462  | 2735942    | 17.564 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.072 | 2826182    | 17.847 ug/ml |
| 8) T n-Octadecane (C18)        | 11.517 | 2862606    | 18.188 ug/ml |
| 10) T n-Eicosane (C20)         | 12.829 | 2786519    | 18.420 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.443 | 2719287    | 18.492 ug/ml |
| 13) T n-Docosane (C22)         | 14.029 | 2758147    | 18.869 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.136 | 2883138    | 19.879 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.159 | 2874057    | 20.047 ug/ml |
| 16) T n-Octacosane (C28)       | 17.113 | 2994430    | 20.879 ug/ml |
| 17) T n-Tricontane (C30)       | 18.004 | 3163529    | 21.284 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.837 | 3123423    | 20.884 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.625 | 2908467    | 20.303 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.368 | 2649909    | 18.175 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.099 | 2722233    | 18.461 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.999 | 2658523    | 16.985 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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