

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE102324AL\  
 Data File : FE050787.D  
 Signal(s) : FID1B.ch  
 Acq On : 23 Oct 2024 12:22  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 24 02:29:49 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 07 16:32:18 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)    | 11.861 | 3090835    | 19.605 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.21%       |
| 12) S 1-chlorooctadecane (S... | 13.294 | 2352163    | 19.884 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.77%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.248  | 2785581    | 19.715 ug/ml |
| 2) T n-Decane (C10)            | 4.498  | 2875095    | 20.039 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.210  | 2876453    | 20.116 ug/ml |
| 4) T n-Dodecane (C12)          | 6.666  | 2898735    | 20.139 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.306  | 2684309    | 20.262 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.493  | 2870771    | 20.066 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.098 | 2935359    | 19.945 ug/ml |
| 8) T n-Octadecane (C18)        | 11.540 | 2952329    | 19.765 ug/ml |
| 10) T n-Eicosane (C20)         | 12.848 | 2824361    | 19.696 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.459 | 2767487    | 19.707 ug/ml |
| 13) T n-Docosane (C22)         | 14.044 | 2755979    | 19.644 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.146 | 2761914    | 19.550 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.165 | 2772313    | 19.701 ug/ml |
| 16) T n-Octacosane (C28)       | 17.114 | 2797437    | 19.117 ug/ml |
| 17) T n-Tricontane (C30)       | 18.000 | 3077284    | 19.354 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.833 | 3175550    | 19.588 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.616 | 2873780    | 19.564 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.355 | 2498338    | 19.701 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.080 | 2272011    | 18.375 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.965 | 2031300    | 18.242 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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