

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE013123AL\  
 Data File : FE040145.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 Feb 2023 09:10  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 01 09:40:23 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011023.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 10 04:24:52 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)    | 11.898 | 3094892    | 20.153 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.31%       |
| 12) S 1-chlorooctadecane (S... | 13.336 | 2367570    | 20.288 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.58%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.294  | 2545591    | 20.054 ug/ml |
| 2) T n-Decane (C10)            | 4.542  | 2530877    | 20.380 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.244  | 2801028    | 19.862 ug/ml |
| 4) T n-Dodecane (C12)          | 6.706  | 2567861    | 20.424 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.340  | 2627896    | 20.064 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.533  | 2632166    | 20.466 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.140 | 2747731    | 20.368 ug/ml |
| 8) T n-Octadecane (C18)        | 11.582 | 2843030    | 20.289 ug/ml |
| 10) T n-Eicosane (C20)         | 12.892 | 2804518    | 20.242 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.503 | 2815209    | 20.175 ug/ml |
| 13) T n-Docosane (C22)         | 14.090 | 2819669    | 20.314 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.193 | 2881405    | 20.928 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.214 | 2797239    | 20.959 ug/ml |
| 16) T n-Octacosane (C28)       | 17.165 | 2852734    | 21.914 ug/ml |
| 17) T n-Tricontane (C30)       | 18.054 | 2876264    | 22.554 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.886 | 2886054    | 22.829 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.671 | 2698320    | 21.837 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.411 | 2484379    | 21.072 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.145 | 2416204    | 20.216 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.042 | 2416730    | 19.912 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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