

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE073123AL\  
 Data File : FE043655.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 Aug 2023 00:47  
 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: Aug 01 04:10:28 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 13 03:02:53 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)    | 11.884 | 3368858    | 18.813 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.63%       |
| 12) S 1-chlorooctadecane (S... | 13.321 | 2468420    | 18.786 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.57%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.261  | 2858202    | 18.720 ug/ml |
| 2) T n-Decane (C10)            | 4.514  | 2952561    | 18.939 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.226  | 3028282    | 18.819 ug/ml |
| 4) T n-Dodecane (C12)          | 6.685  | 2965466    | 18.819 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.324  | 2852108    | 18.796 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.514  | 2947872    | 18.637 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.121 | 3051320    | 18.855 ug/ml |
| 8) T n-Octadecane (C18)        | 11.565 | 3066127    | 18.809 ug/ml |
| 10) T n-Eicosane (C20)         | 12.874 | 2916867    | 18.774 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.485 | 2842813    | 18.764 ug/ml |
| 13) T n-Docosane (C22)         | 14.073 | 2800518    | 18.739 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.175 | 2748612    | 18.716 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.196 | 2679896    | 18.816 ug/ml |
| 16) T n-Octacosane (C28)       | 17.146 | 2633939    | 18.720 ug/ml |
| 17) T n-Tricontane (C30)       | 18.034 | 2714414    | 18.426 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.868 | 2732934    | 18.443 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.652 | 2714860    | 18.811 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.393 | 2708269    | 18.426 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.127 | 2838782    | 19.900 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.034 | 2962115    | 20.071 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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