

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD032223AL\  
 Data File : FD045308.D  
 Signal(s) : FID2B.ch  
 Acq On : 22 Mar 2023 14:06  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Mar 23 00:22:00 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 031523.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 16 04:53:16 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)    | 11.445 | 3202847    | 20.685 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.37%       |
| 12) S 1-chlorooctadecane (S... | 12.879 | 2242604    | 20.007 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.01%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.256  | 2862012    | 20.845 ug/ml |
| 2) T n-Decane (C10)            | 4.318  | 2830321    | 20.925 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.887  | 3252441    | 20.759 ug/ml |
| 4) T n-Dodecane (C12)          | 6.326  | 2858532    | 20.882 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.937  | 3039396    | 20.746 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.112  | 2876868    | 20.903 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.704  | 2933951    | 20.826 ug/ml |
| 8) T n-Octadecane (C18)        | 11.138 | 2977478    | 20.906 ug/ml |
| 10) T n-Eicosane (C20)         | 12.439 | 2831198    | 20.766 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.048 | 2821018    | 20.671 ug/ml |
| 13) T n-Docosane (C22)         | 13.630 | 2770170    | 20.664 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.726 | 2697162    | 20.724 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.740 | 2607939    | 20.863 ug/ml |
| 16) T n-Octacosane (C28)       | 16.682 | 2552102    | 20.998 ug/ml |
| 17) T n-Tricontane (C30)       | 17.564 | 2501064    | 21.071 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.389 | 2482065    | 21.061 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.168 | 2422244    | 21.061 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.902 | 2222915    | 20.663 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.606 | 2057530    | 19.818 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.441 | 1814730    | 18.337 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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