

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042121AL\  
 Data File : FD037057.D  
 Signal(s) : FID2B.CH  
 Acq On : 22 Apr 2021 00:10  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Apr 22 03:33:53 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 042121.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 22 03:31:40 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.477 | 2347780    | 20.107 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.21%       |
| 12) S 1-chlorooctadecane (S... | 12.910 | 1693073    | 20.012 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.02%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.276  | 2378922    | 20.190 ug/ml |
| 2) T n-Decane (C10)            | 4.337  | 2391335    | 20.164 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.911  | 2644596    | 20.152 ug/ml |
| 4) T n-Dodecane (C12)          | 6.347  | 2394151    | 20.161 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.963  | 2645453    | 20.175 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.135  | 2335113    | 20.173 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.730  | 2216409    | 20.160 ug/ml |
| 8) T n-Octadecane (C18)        | 11.166 | 2224730    | 20.290 ug/ml |
| 10) T n-Eicosane (C20)         | 12.469 | 2145027    | 20.222 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.078 | 2114178    | 20.124 ug/ml |
| 13) T n-Docosane (C22)         | 13.661 | 2073410    | 20.170 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.759 | 2035435    | 20.094 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.775 | 1971621    | 20.187 ug/ml |
| 16) T n-Octacosane (C28)       | 16.719 | 1952179    | 20.309 ug/ml |
| 17) T n-Tricontane (C30)       | 17.602 | 1939572    | 20.168 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.428 | 1955948    | 19.887 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.208 | 1911552    | 20.139 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.943 | 1864552    | 19.799 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.653 | 1733570    | 20.136 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.502 | 1925201    | 20.065 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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