

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF121123AL\  
 Data File : FF013834.D  
 Signal(s) : FID2B.ch  
 Acq On : 11 Dec 2023 22:36  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e  
 Quant Time: Dec 12 06:39:15 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 121123.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 12 06:36:20 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)    | 11.871 | 2968807    | 20.146 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.29%       |
| 12) S 1-chlorooctadecane (S... | 13.312 | 2155045    | 20.242 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.48%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.266  | 2429192    | 20.154 ug/ml |
| 2) T n-Decane (C10)            | 4.517  | 2453794    | 20.161 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.214  | 2623257    | 20.265 ug/ml |
| 4) T n-Dodecane (C12)          | 6.681  | 2472856    | 20.163 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.309  | 2562187    | 20.413 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.507  | 2434286    | 20.246 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.114 | 2464081    | 20.147 ug/ml |
| 8) T n-Octadecane (C18)        | 11.557 | 2481293    | 20.163 ug/ml |
| 10) T n-Eicosane (C20)         | 12.867 | 2408666    | 20.122 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.480 | 2369940    | 20.094 ug/ml |
| 13) T n-Docosane (C22)         | 14.066 | 2337939    | 20.072 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.170 | 2290089    | 20.015 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.193 | 2234686    | 19.956 ug/ml |
| 16) T n-Octacosane (C28)       | 17.142 | 2177525    | 19.840 ug/ml |
| 17) T n-Tricontane (C30)       | 18.032 | 2199184    | 19.795 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.865 | 2195554    | 19.745 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.649 | 2149652    | 19.960 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.390 | 2208903    | 19.874 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.118 | 2200288    | 20.123 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.011 | 2279807    | 20.132 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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