

Method Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\  
 Method File : Aliphatic EPH 110723.M  
 Title : GC Extractables  
 Last Update : Tue Nov 07 13:01:16 2023  
 Response Via : Initial Calibration

## Calibration Files

100 =FF013711.D 50 =FF013712.D 20 =FF013713.D  
 10 =FF013714.D 5 =FF013715.D

|       | Compound              | 100   | 50    | 20    | 10    | 5     | Avg      | %RSD  |
|-------|-----------------------|-------|-------|-------|-------|-------|----------|-------|
| 1) T  | n-Nonane (C9)         | 1.276 | 1.297 | 1.477 | 1.440 | 0.989 | 1.296 E5 | 14.85 |
| 2) T  | n-Decane (C10)        | 1.304 | 1.326 | 1.519 | 1.466 | 1.000 | 1.323 E5 | 15.27 |
| 3) T  | A~Naphthalene (C11.7) | 1.438 | 1.451 | 1.631 | 1.554 | 1.022 | 1.419 E5 | 16.62 |
| 4) T  | n-Dodecane (C12)      | 1.325 | 1.347 | 1.545 | 1.484 | 1.004 | 1.341 E5 | 15.64 |
| 5) T  | A~2-methylnaphthal... | 1.421 | 1.432 | 1.603 | 1.505 | 0.954 | 1.383 E5 | 18.13 |
| 6) T  | n-Tetradecane (C14)   | 1.315 | 1.335 | 1.527 | 1.459 | 0.982 | 1.323 E5 | 15.87 |
| 7) T  | n-Hexadecane (C16)    | 1.345 | 1.363 | 1.555 | 1.470 | 1.001 | 1.347 E5 | 15.69 |
| 8) T  | n-Octadecane (C18)    | 1.364 | 1.387 | 1.583 | 1.484 | 1.018 | 1.367 E5 | 15.64 |
| 9) S  | ortho-Terphenyl (S... | 1.622 | 1.657 | 1.904 | 1.807 | 1.266 | 1.651 E5 | 14.77 |
| 10) T | n-Eicosane (C20)      | 1.343 | 1.371 | 1.566 | 1.474 | 0.995 | 1.350 E5 | 16.08 |
| 11) T | n-Heneicosane (C21)   | 1.325 | 1.351 | 1.544 | 1.450 | 0.980 | 1.330 E5 | 16.08 |
| 12) S | 1-chlorooctadecane... | 1.219 | 1.239 | 1.411 | 1.307 | 0.867 | 1.209 E5 | 16.97 |
| 13) T | n-Docosane (C22)      | 1.323 | 1.354 | 1.532 | 1.481 | 0.975 | 1.333 E5 | 16.35 |
| 14) T | n-Tetracosane (C24)   | 1.323 | 1.373 | 1.524 | 1.539 | 0.979 | 1.348 E5 | 16.80 |
| 15) T | n-Hexacosane (C26)    | 1.293 | 1.353 | 1.515 | 1.581 | 0.990 | 1.346 E5 | 17.16 |
| 16) T | n-Octacosane (C28)    | 1.259 | 1.327 | 1.480 | 1.577 | 0.972 | 1.323 E5 | 17.59 |
| 17) T | n-Tricontane (C30)    | 1.246 | 1.317 | 1.498 | 1.601 | 0.987 | 1.330 E5 | 17.89 |
| 18) T | n-Dotriacontane (C32) | 1.216 | 1.284 | 1.481 | 1.544 | 0.978 | 1.300 E5 | 17.33 |
| 19) T | n-Tetratriacontane... | 1.159 | 1.214 | 1.389 | 1.356 | 0.910 | 1.206 E5 | 15.86 |
| 20) T | n-Hexatriacontane ... | 1.133 | 1.183 | 1.375 | 1.314 | 0.891 | 1.179 E5 | 15.97 |
| 21) T | n-Octatriacontane ... | 1.112 | 1.163 | 1.335 | 1.285 | 0.886 | 1.156 E5 | 15.18 |
| 22) T | n-Tetracontane (C40)  | 1.119 | 1.212 | 1.363 | 1.314 | 0.902 | 1.182 E5 | 15.46 |

(#) = Out of Range