

Method Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\  
 Method File : Aliphatic EPH FG082222.M  
 Title : GC Extractables  
 Last Update : Tue Aug 23 02:19:50 2022  
 Response Via : Initial Calibration

## Calibration Files

100 =FG010409.D 50 =FG010410.D 20 =FG010411.D  
 10 =FG010412.D 5 =FG010413.D

|       | Compound              | 100   | 50    | 20    | 10    | 5     | Avg   |    | %RSD |
|-------|-----------------------|-------|-------|-------|-------|-------|-------|----|------|
| 1) T  | n-Nonane (C9)         | 1.116 | 1.103 | 1.193 | 1.261 | 1.292 | 1.193 | E5 | 7.08 |
| 2) T  | n-Decane (C10)        | 1.124 | 1.114 | 1.202 | 1.267 | 1.291 | 1.200 | E5 | 6.74 |
| 3) T  | A~Naphthalene (C11.7) | 1.304 | 1.301 | 1.395 | 1.454 | 1.475 | 1.386 | E5 | 5.89 |
| 4) T  | n-Dodecane (C12)      | 1.161 | 1.155 | 1.244 | 1.305 | 1.335 | 1.240 | E5 | 6.59 |
| 5) T  | A~2-methylnaphthal... | 1.333 | 1.325 | 1.421 | 1.468 | 1.481 | 1.406 | E5 | 5.25 |
| 6) T  | n-Tetradecane (C14)   | 1.192 | 1.188 | 1.278 | 1.344 | 1.382 | 1.277 | E5 | 6.85 |
| 7) T  | n-Hexadecane (C16)    | 1.207 | 1.206 | 1.294 | 1.358 | 1.401 | 1.293 | E5 | 6.80 |
| 8) T  | n-Octadecane (C18)    | 1.223 | 1.221 | 1.315 | 1.381 | 1.430 | 1.314 | E5 | 7.10 |
| 9) S  | ortho-Terphenyl (S... | 1.330 | 1.328 | 1.431 | 1.515 | 1.556 | 1.432 | E5 | 7.28 |
| 10) T | n-Eicosane (C20)      | 1.200 | 1.197 | 1.292 | 1.369 | 1.413 | 1.294 | E5 | 7.54 |
| 11) T | n-Heneicosane (C21)   | 1.197 | 1.192 | 1.289 | 1.369 | 1.407 | 1.291 | E5 | 7.58 |
| 12) S | 1-chlorooctadecane... | 1.071 | 1.065 | 1.150 | 1.220 | 1.245 | 1.150 | E5 | 7.20 |
| 13) T | n-Docosane (C22)      | 1.180 | 1.174 | 1.269 | 1.356 | 1.381 | 1.272 | E5 | 7.56 |
| 14) T | n-Tetracosane (C24)   | 1.156 | 1.149 | 1.249 | 1.347 | 1.375 | 1.255 | E5 | 8.35 |
| 15) T | n-Hexacosane (C26)    | 1.119 | 1.109 | 1.205 | 1.297 | 1.307 | 1.207 | E5 | 7.81 |
| 16) T | n-Octacosane (C28)    | 1.091 | 1.081 | 1.174 | 1.266 | 1.276 | 1.178 | E5 | 7.88 |
| 17) T | n-Tricontane (C30)    | 1.027 | 1.017 | 1.110 | 1.199 | 1.216 | 1.114 | E5 | 8.36 |
| 18) T | n-Dotriacontane (C32) | 0.832 | 0.829 | 0.902 | 0.975 | 1.001 | 0.908 | E5 | 8.74 |
| 19) T | n-Tetratriacontane... | 6.138 | 6.089 | 6.660 | 7.192 | 7.389 | 6.694 | E4 | 8.87 |
| 20) T | n-Hexatriacontane ... | 4.725 | 4.667 | 5.147 | 5.519 | 5.748 | 5.161 | E4 | 9.22 |
| 21) T | n-Octatriacontane ... | 4.139 | 4.107 | 4.485 | 4.830 | 4.923 | 4.497 | E4 | 8.41 |
| 22) T | n-Tetracontane (C40)  | 4.013 | 3.828 | 4.250 | 4.518 | 4.568 | 4.235 | E4 | 7.53 |

(#) = Out of Range