**Table S2:** Mass spectral data for polyphenolic compounds identified in acidified methanol extract of green tea SPI.

|  |  |  |  |
| --- | --- | --- | --- |
| **RT,**  GC  **min** | **MS** | **MSn** | **Compound ID a** |
| 2.82 | 191 | (191)2:111,173 | quinic acid |
| 3.94 | 343 | (343)2:191,169 | 5-galloylquinic acid |
| 4.76 | 305 | (305)2:179,219,221,261 | **gallocatechin** |
| 5.06 | 353 | (353)2:191,175,135 | 3-caffeoylquinic acid |
| 5.38 | 305 | (305)2:179,219,221,261 | **epigallocatechin** |
| 5.81 | 337 | (337)2:163 | **Unknown** |
| 5.96 | 353 | (353)2:173,171,191 | 5-caffeoylquinic acid |
| 6.02 | 289 | (289)2:245,205,179 | **catechin** |
| 6.85 | 289 | (289)2:245,205,179 | **epicatechin** |
| 7.23 | 457 | (457)2:169,331,305,287 | **epigallocatechin gallate** |
| 7.68 | 457 | (457)2:169,331,305,287 | **gallocatechin gallate** |
| 7.95 | 479 | (479)2:316,317 | myricetin + hexose |
| 8.25 | 755 | (755)2:609,447,301 | quercetin + rhamnose + hexose |
| 8.43 | 609 | (609)2:301 | quercetin-3-O-rutinoside |
| 8.74 | 463 | (463)2:301 | quercetin + hexose |
| 8.85 | 441 | (441)2:289,169,271,331 | **catechin gallate** |
| 8.92 | 441 | (441)2:289,169,271,331 | **epicatechin gallate** |
| 9.00 | 593 | (593)2:285 | kaempferol + rhamnose + hexose |
| 9.21 | 447 | (447)2:284,285 | kaempferol galactoside |
| 9.38 | 447 | (447)2:285 | kaempferol glucoside |
| 9.80 | 425 | (425)2:273,255,169 | **Unknown** |
| 10.36 | 901 | (901)2:755,609,447,301 | quercetin + rhamnose + hexose + rhamnose + rhamnose |
| 10.65 | 885,755,577,301 | (885)2:739,431,285  (755)2:609,447,301 | kaempferol + rhamnose + rhamnose + hexose + rhamnose  quercetin + rhamnose + hexose + rhamnose |

**a Black Bold** = definitive identification based on comparison with authentic standard; Regular Type = tentative identification based on mass spectral data and comparison with Del Rio *et al J. Agric. Food Chem.* **2004**, 52, 2807-2815; **Red Bold** = unidentified compound