

Supplementary Material

Table S1. MS/MS parameters for the identified polyphenols.

Compound	MRM Transition (m/z)	Collision Energy (V)	Cone Voltage (V)
Benzoic acid	121 > 77	12	27
Salicylic acid	137 > 93	17	27
4-Hydroxybenzoic acid	137 > 93	12	27
Protocatechuic acid	153 > 109	12	30
Gallic acid	169 > 125	15	33
Vanillic acid	167 > 152	12	30
Syringic acid	197 > 182	12	30
<i>p</i> -Coumaric acid	163 > 119	14	30
Caffeic acid	179 > 135	16	35
Ferulic acid	193 > 134	16	30
Isoferulic acid	193 > 134	14	27
(+)-Catechin	289 > 245	16	40
(-)-Epicatechin	289 > 245	14	38
Procyanidin dimers	577 > 289	25	45
Procyanidin trimers	865 > 577	25	50
Propelargonidin dimers	561 > 289	25	45
Flavalignans-cinchonains	451 > 341	25	45

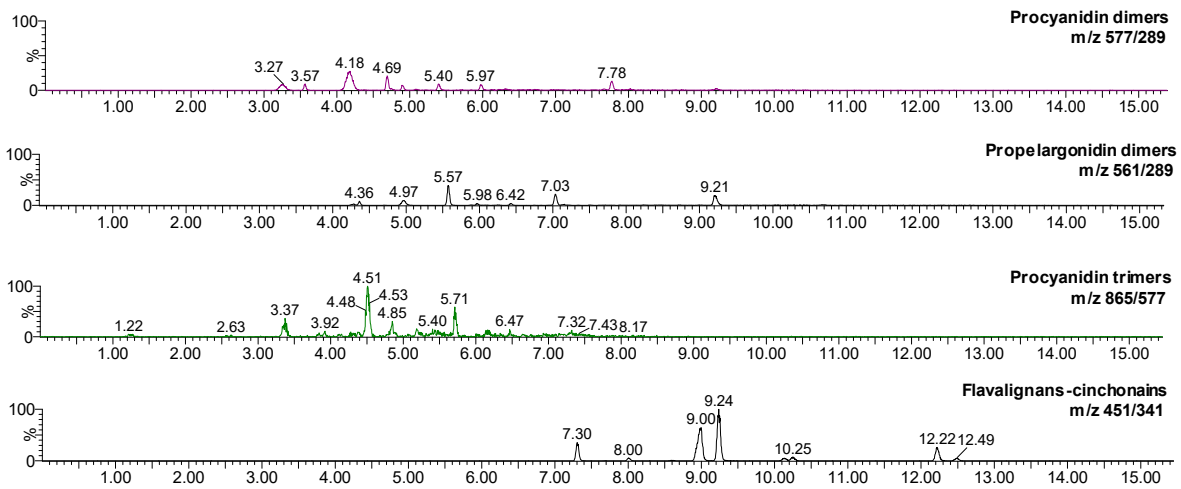


Figure S1. MRM chromatograms (UPLC-DAD-ESI-TQ-MS) for proanthocyanidins in *U. tomentosa* leaves fractions.

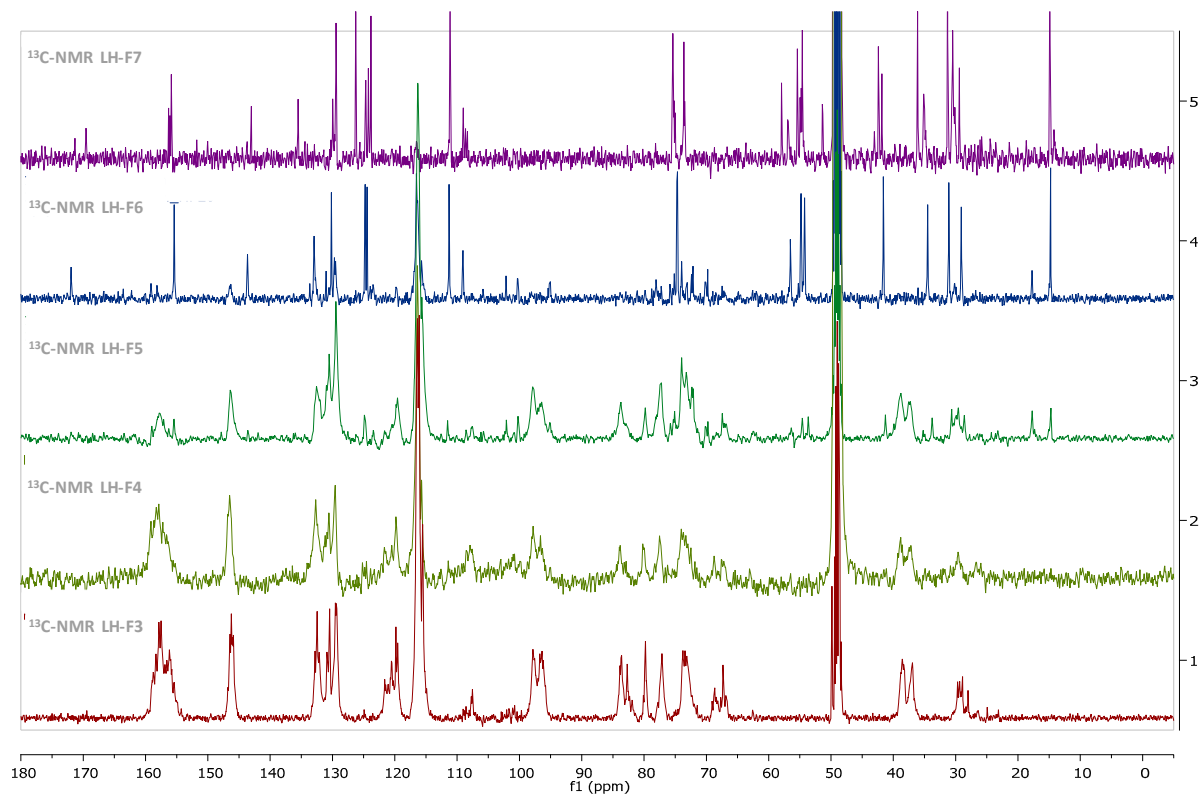


Figure S2. ^{13}C -NMR (MeOD) for polyphenolic fractions LH-F3 a LH-F7 from *U. tomentosa* leaves

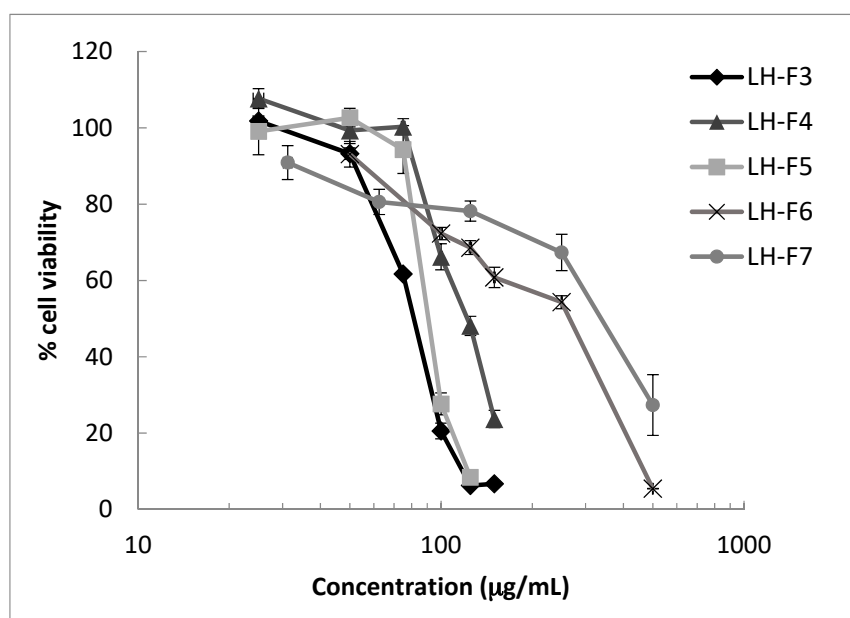


Figure S3. Dose-response curves of cytotoxicity of *U. tomentosa* fractions on AGS gastric adenocarcinoma¹.

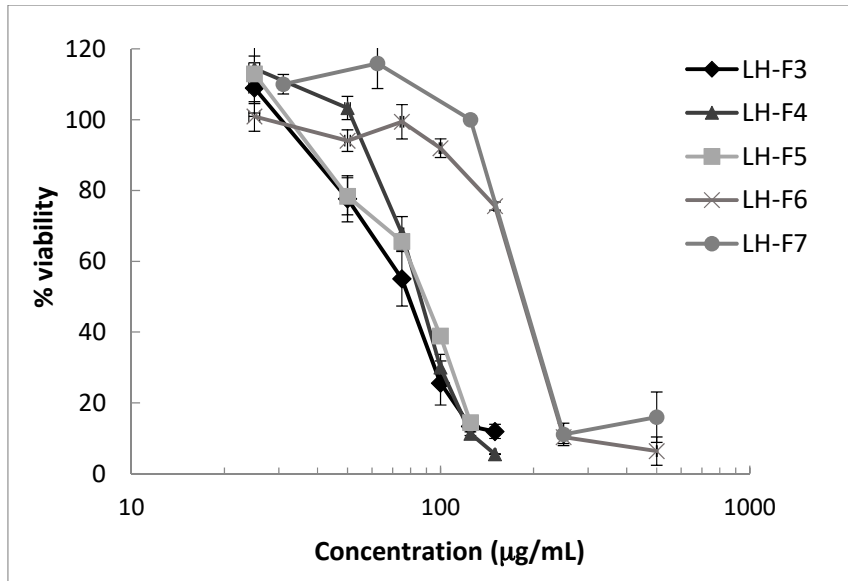


Figure S4. Dose-response curves of cytotoxicity of *U. tomentosa* fractions on SW620 colon adenocarcinoma¹.
¹Results represent the mean \pm SE of triplicates of one representative experiment of each fraction.