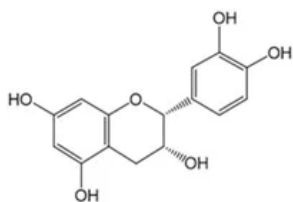


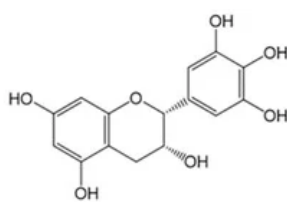
Table S1. Catechins identified in the tea infusions by UPLC-ESI-QTOF

Compound	Formula	Mass	[M+H] ⁺	Retention time	Score	Error Mass (ppm)
EC	C ₁₅ H ₁₄ O ₆	290.0789	291.0862	3.84	99.75	0.89
EGC	C ₁₅ H ₁₄ O ₇	306.0742	307.0815	2.12	99.63	0.58
ECG	C ₂₂ H ₁₈ O ₁₀	442.0900	443.0978	4.62	99.56	1.06
EGCG	C ₂₂ H ₁₈ O ₁₁	458.0853	459.0926	3.95	99.44	0.67

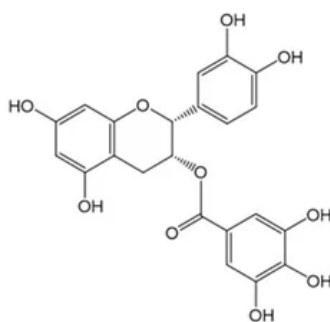
EC – epicatechin, EGC – wpigallocatechin, ECG – epicatechin gallate, EGCG – epigallocatechin gallate



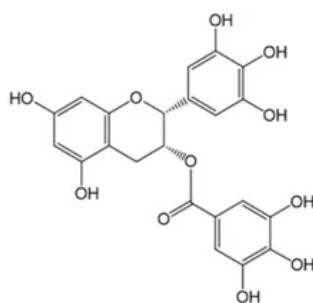
Epicatechin (EC)



Epigallocatechin (EGC)



Epicatechin gallate (ECG)



Epigallocatechin gallate (EGCG)

Figure S1. Chemical structures of identified compounds.