Table S7 Contents of main non-volatile components in leaves at different disease development stages

Components (mg/g)	Н	S1	S2	S3
GA	4.86 ± 0.20^{a}	2.82±0.05b	2.79±0.11 ^b	2.32±0.04°
EC	14.08 ± 1.12^{b}	16.20 ± 0.30^a	$15.19{\pm}0.96^{ab}$	$16.08 {\pm} 0.38^{ab}$
C	6.32 ± 0.39^{a}	5.63 ± 0.16^{a}	$4.69{\pm}0.37^{b}$	3.97 ± 0.13^{b}
EGC	59.54±3.93 ^b	73.31 ± 1.01^{a}	63.94 ± 3.51^{b}	58.94±1.17 ^b
GC	4.73 ± 0.27^{a}	$4.35{\pm}0.07^a$	3.85 ± 0.17^{b}	3.90 ± 0.09^{b}
ECG	31.26±1.83a	24.64 ± 0.49^{b}	23.84 ± 1.28^{b}	23.29 ± 0.60^{b}
CG	$0.41 {\pm} 0.01^d$	$0.46 \pm 0.003^{\circ}$	0.68 ± 0.02^{b}	$0.84{\pm}0.02^{a}$
EGCG	138.57±8.79a	133.04±2.39a	126.61 ± 6.79^a	108.57±2.79 ^b
GCG	5.15±0.27 ^a	4.76 ± 0.09^{a}	5.37 ± 0.57^{a}	5.51±0.09 ^a
Catechins	260.06±16.58 ^a	262.39±4.42a	244.18±13.41 ^{ab}	221.10±5.24 ^b
Caffeine	43.79 ± 3.06^{a}	42.08 ± 0.66^{a}	44.18±2.59a	$42.05{\pm}0.86^a$
Theobromine	1.60±0.12°	1.51±0.03°	2.01 ± 0.10^{b}	$2.64{\pm}0.06^{a}$
Theophylline	$0.94{\pm}0.06^{a}$	$0.97{\pm}0.01^a$	$0.73{\pm}0.06^{b}$	0.66 ± 0.03^{b}
Soluble sugar	10.79±0.43a	$10.40{\pm}0.16^{a}$	10.78±0.79a	90.52 ± 0.07^{b}
Free amino acid	$0.38{\pm}0.02^{ab}$	0.35 ± 0.01^{b}	0.36 ± 0.02^{b}	$0.51{\pm}.0.03^a$

Note: GA, gallic acid; EC, (-)-epicatechin; C, (+)-catechin; EGC, (-)-epigallocatechin; GC, (-)-gallocatechin; ECG, (-)-epicatechin gallate; CG, (-)-catechin gallate; EGCG, (-)-epigallocatechin gallate; GCG, (-)-gallocatechin gallate. H, healthy leaves; S1, tea leaves in the early disease stage; S2, tea leaves in the middle disease stage; S3, tea leaves in the late disease stage. Lowercase letters in the same row are labelled with different significantly at P < 0.05; and statistical analysis was performed using One-Way ANOVA with Tukey's post hoc test.