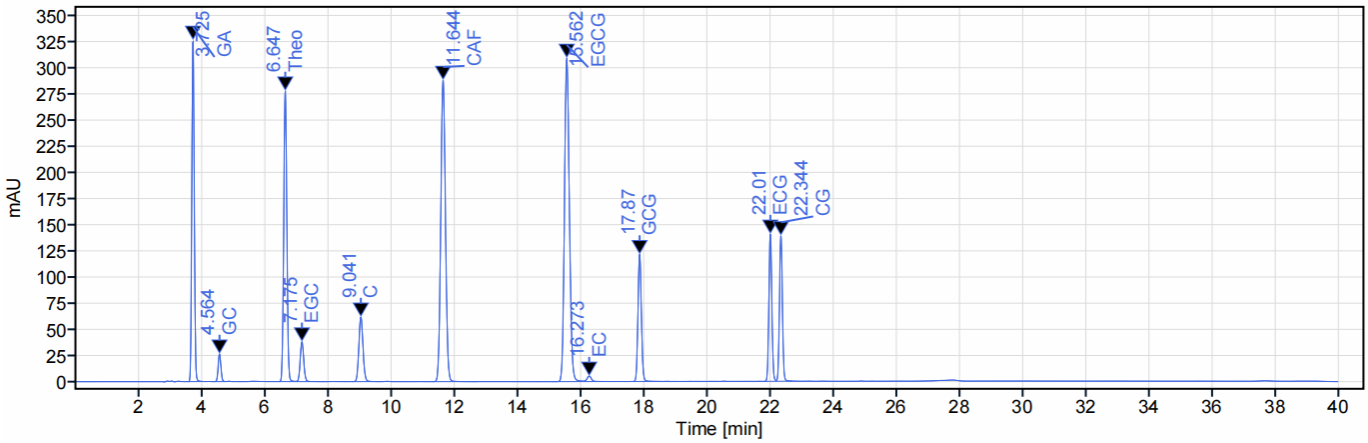
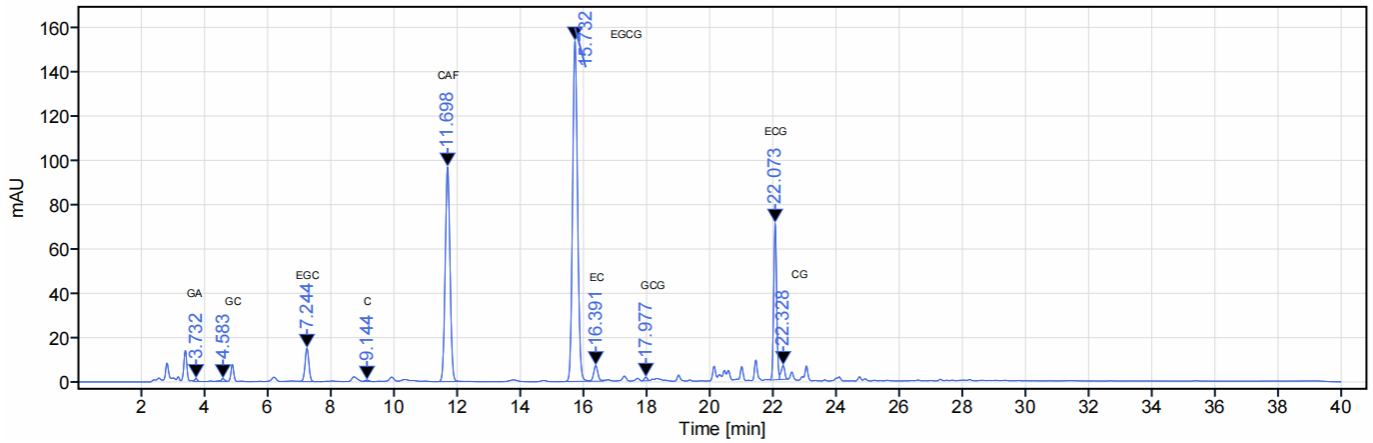
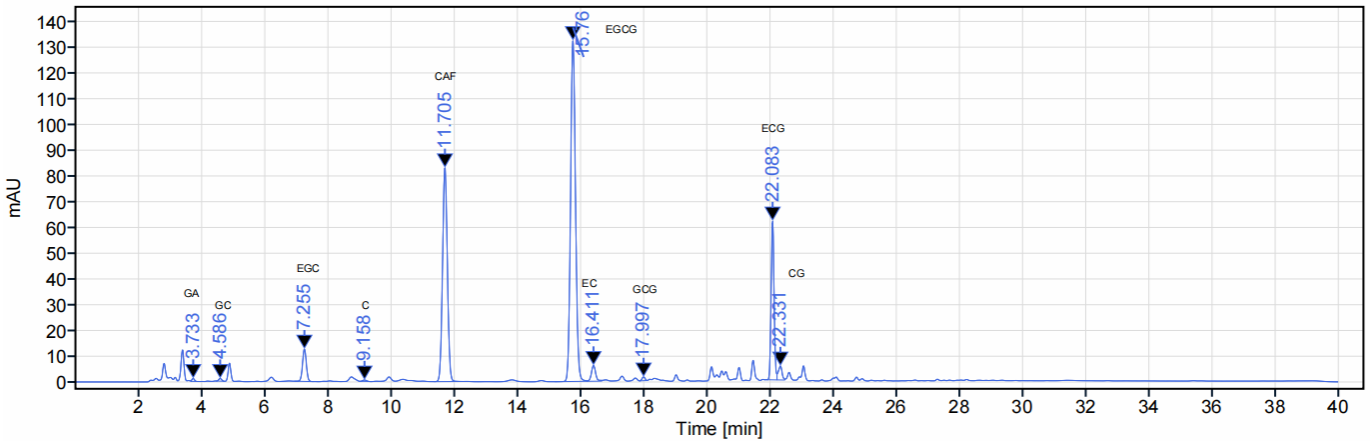


(A) Mixed reference standard

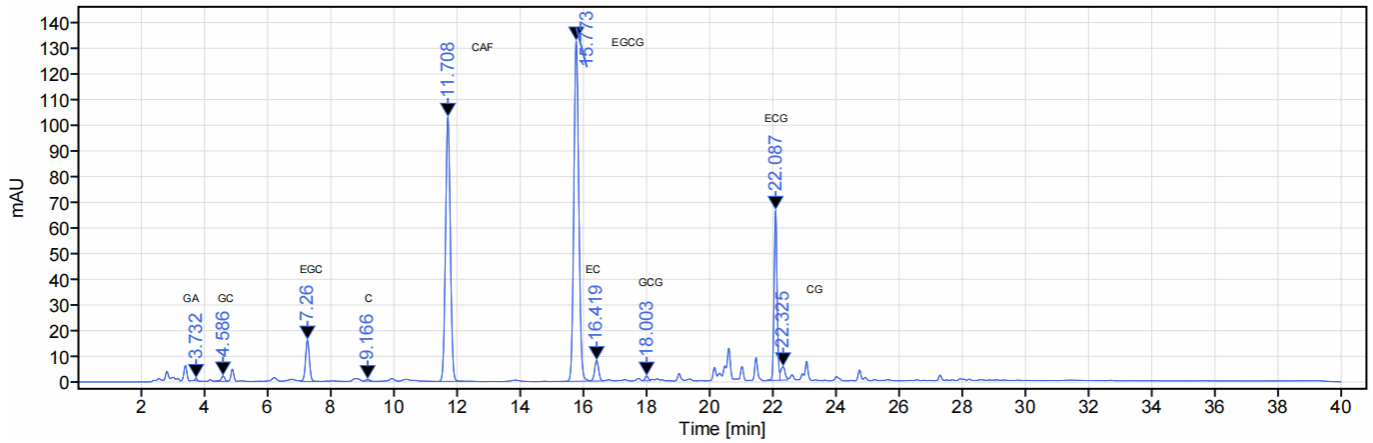
Figure S3. Representative HPLC chromatograms of the mixed reference standard and green tea samples from the five cultivar comparisons. (A) Mixed reference standard; (B) JKZH; (C) JKZ; (D) ZHH; (E) ZH; (F) ZBH; (G) ZB; (H) HSH; (I) HS; (J) LJH; and (K) LJ. JKZ, ZH, ZB, HS, and LJ represent conventional-spreading controls, whereas JKZH, ZHH, ZBH, HSH, and LJH represent the corresponding helium-flushed enclosed-chamber pretreatment groups.


mAU
Time [min]
GA
GC
EGC
C
CAF
EGCG
EC
GCG
ECG
CG
3.732
4.583
7.244
9.144
11.698
15.732
16.391
17.977
22.073
22.328

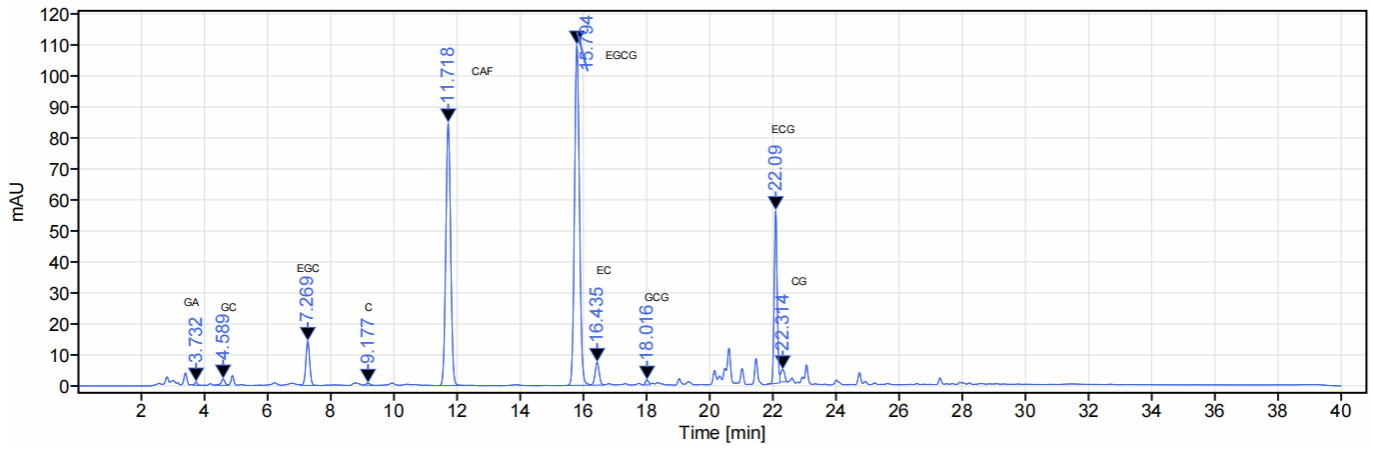
(B) JKZH


mAU
Time [min]
GA
3.733
GC
4.586
EGC
7.255
C
9.158
CAF
11.705
EC
16.411
EGCG
15.776
GCG
17.997
ECG
22.083
CG
22.331

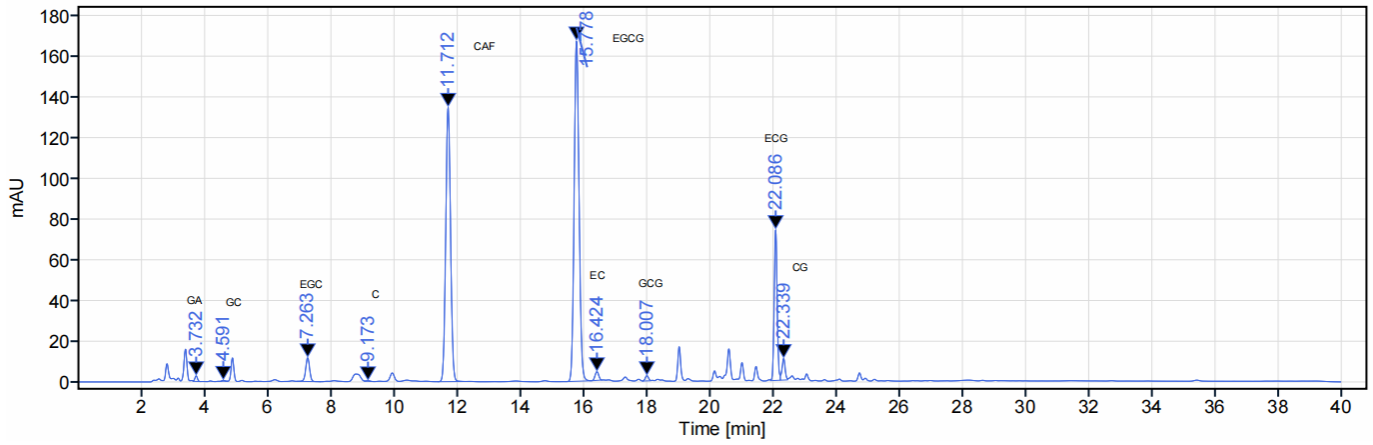
(C) JKZ


mAU
Time [min]
GA
GC
EGC
C
CAF
EGCG
EC
GCG
ECG
CG
3.732
4.586
7.26
9.166
11.708
15.773
16.419
18.003
22.087
22.325

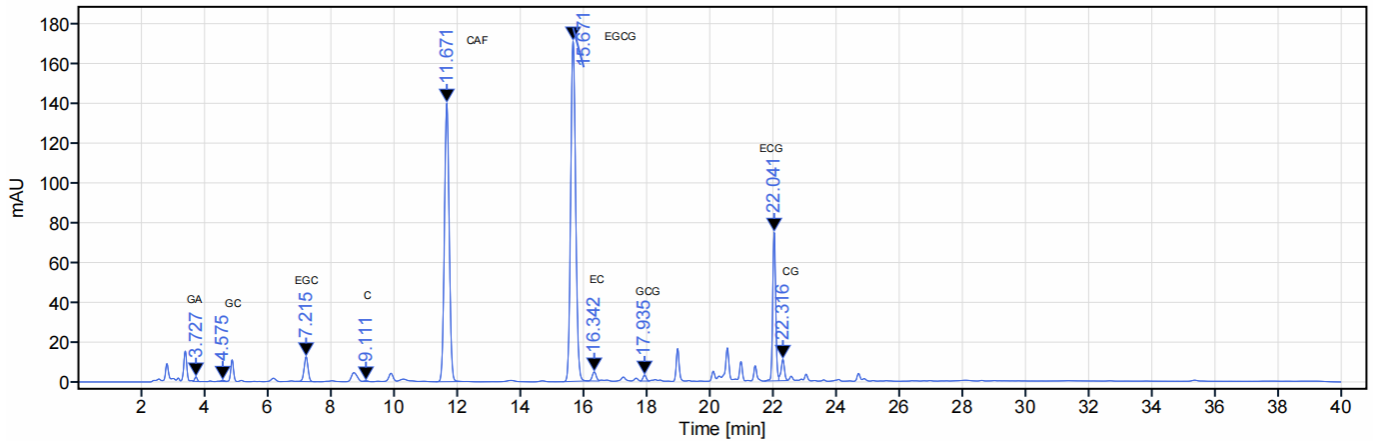
(D) ZHH


mAU
Time [min]
GA
GC
EGC
C
CAF
EGCG
EC
GCG
ECG
CG
3.732
4.589
7.269
9.177
11.718
15.794
16.435
18.016
22.09
22.314

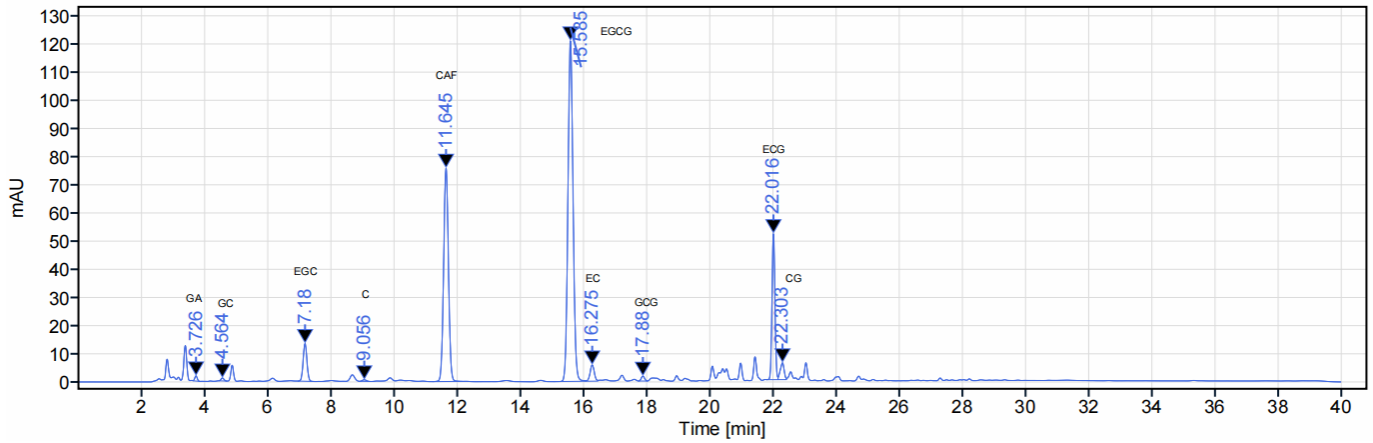
(E) ZH


mAU
Time [min]
GA
GC
EGC
C
CAF
EGCG
EC
GCG
ECG
CG
3.732
4.591
7.263
9.173
11.712
15.778
16.424
18.007
22.086
22.339

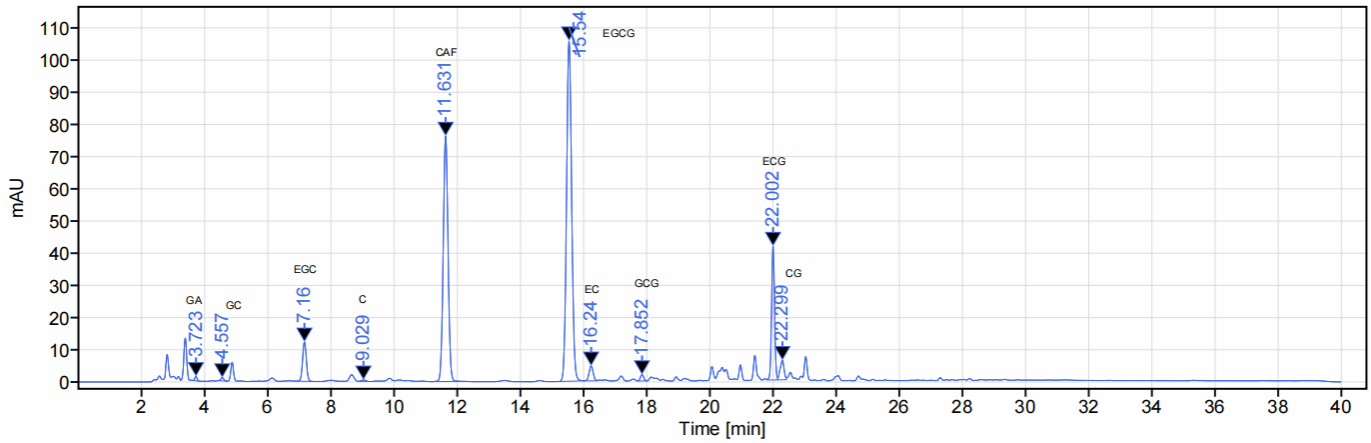
(F) ZBH


mAU
Time [min]
GA
GC
EGC
C
CAF
EGCG
EC
GCG
ECG
CG
3.727
4.575
7.215
9.111
11.671
15.671
16.342
17.935
22.041
22.316

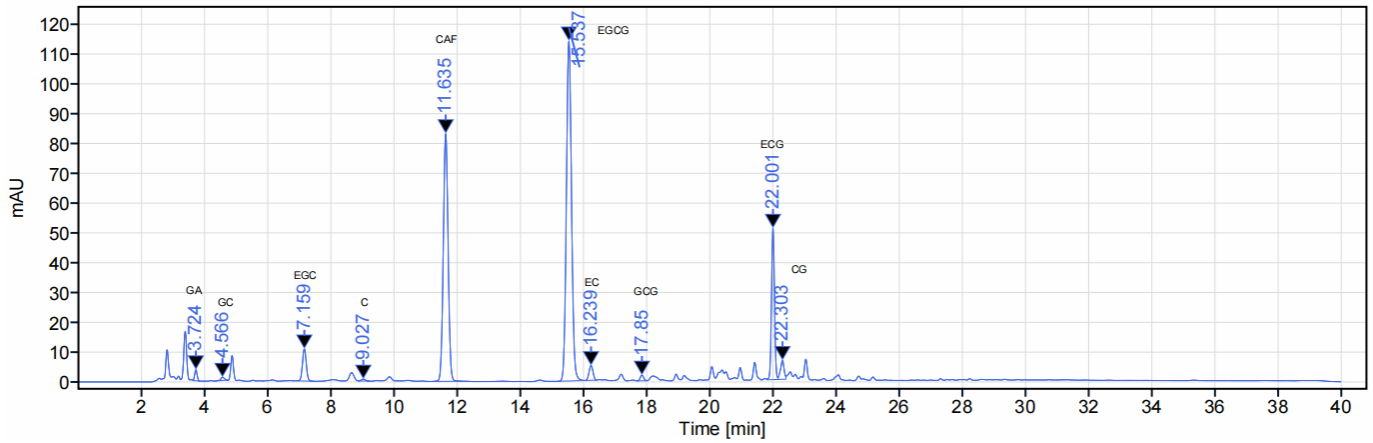
(G) ZB


mAU
Time [min]
GA
3.726
GC
4.564
EGC
7.18
C
9.056
CAF
11.645
EGCG
15.585
EC
16.275
GCG
17.88
ECG
22.016
CG
22.303

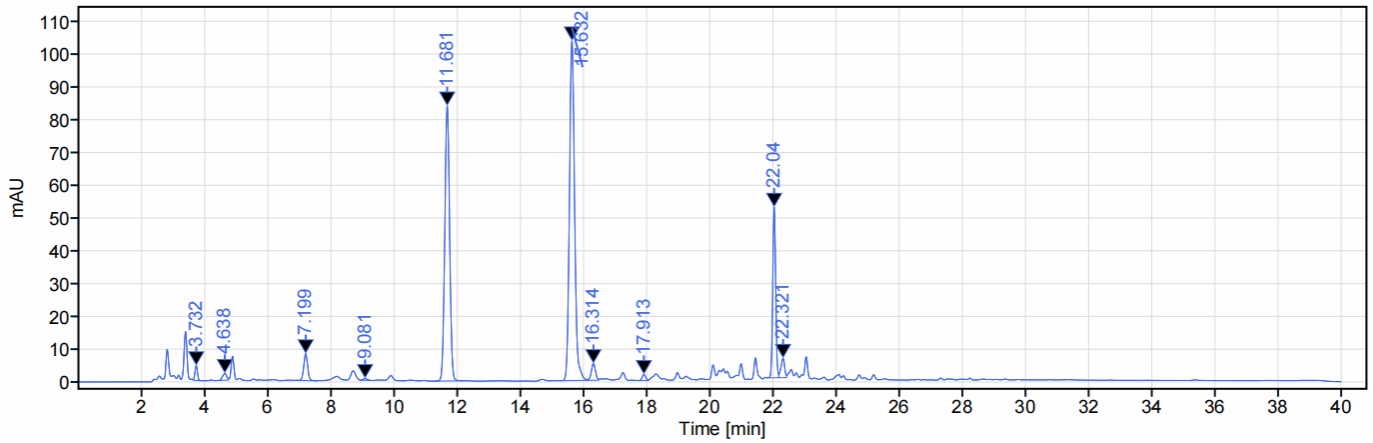
(H) HSH


mAU
Time [min]
GA
3.723
GC
4.557
EGC
7.16
C
9.029
CAF
11.631
EGCG
15.54
EC
16.24
GCG
17.852
ECG
22.002
CG
22.299

(I) HS


mAU
Time [min]
GA
3.724
GC
4.566
EGC
7.159
C
9.027
CAF
11.635
EGCG
15.537
EC
16.239
GCG
17.85
ECG
22.001
CG
22.303

(J) LJH


mAU
110
100
90
80
70
60
50
40
30
20
10
0
3.732
4.638
7.199
9.081
11.681
15.632
16.314
17.913
22.04
22.321
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40
Time [min]

(K) LJ