**supplementary material**

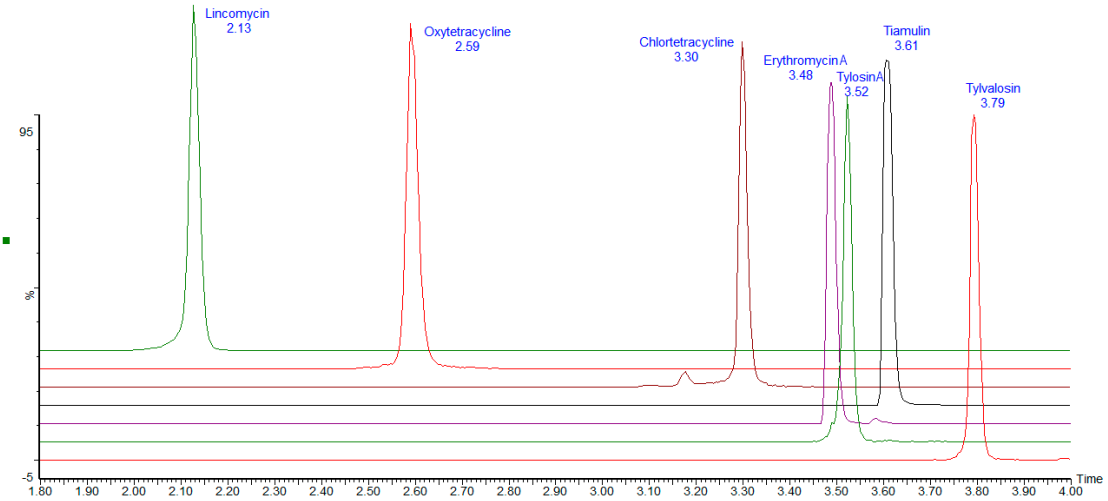



**Figure S1:** Quantitative ionogram of egg matrix spiked with seven antibiotic standards at 50 μg/kg.

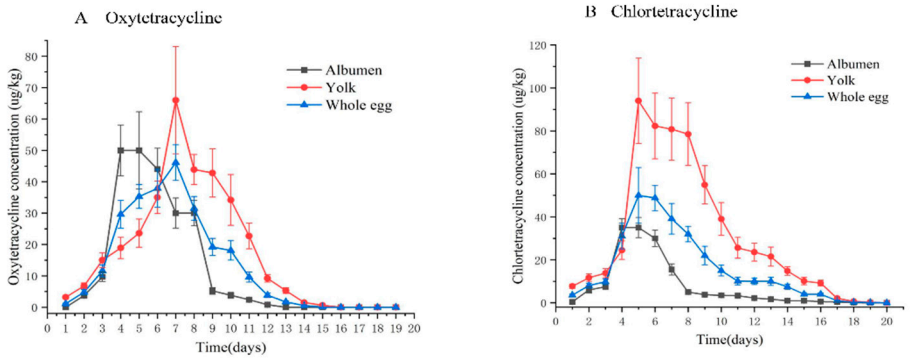



**Figure S2:** Residue depletion curves of Oxytetracycline (A) and Chlortetracycline (B) in whole eggs, albumen and yolks.

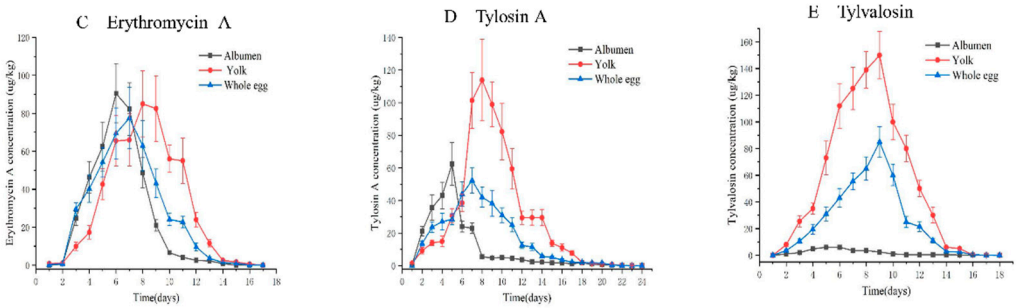



**Figure S3:** Residue depletion curves of Erythromycin A(C) , Tylosin A (D) and Tylvalosin (E)in whole eggs, albumen and yolks.

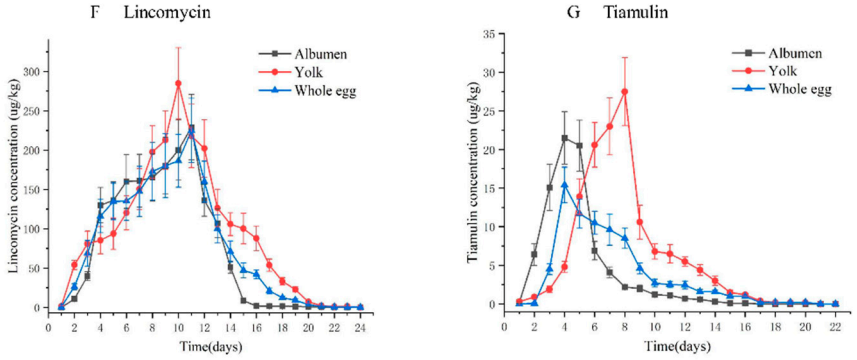



**Figure S4:** Residue depletion curves of Lincomycin (F) and Tiamulin (G) in whole eggs, albumen and yolks.