

Supplementary Information

for

Chlorination of florfenicol (FF): Reaction kinetics, influence factors and by-products formation

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Fig. S1. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 391.5

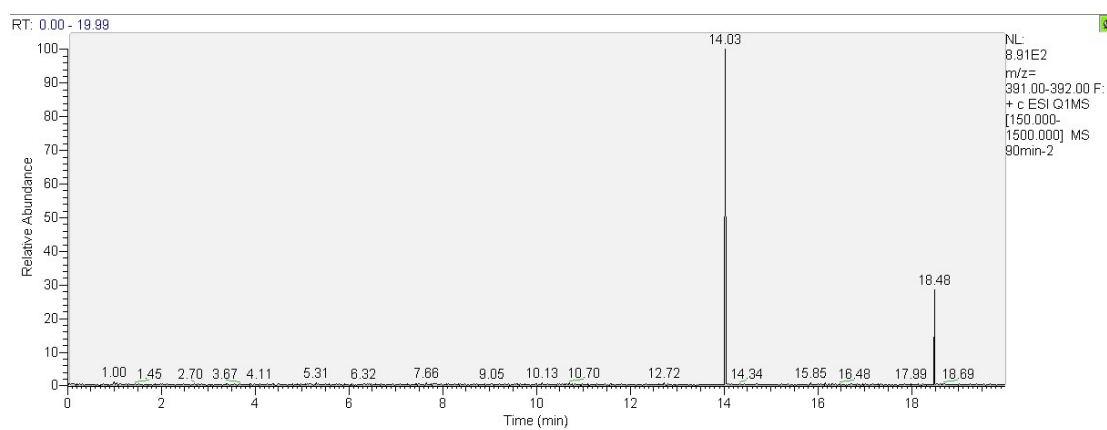


Fig. S2. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 391.5

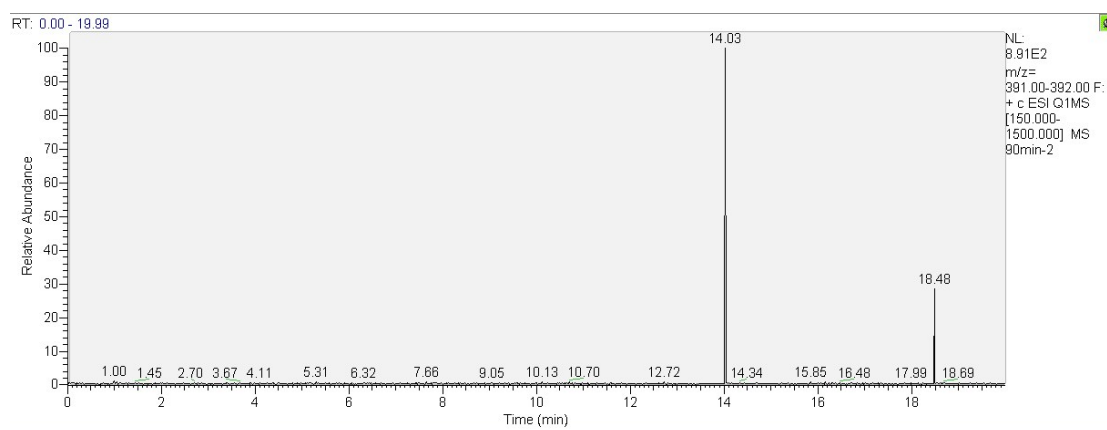


Fig. S3. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 426

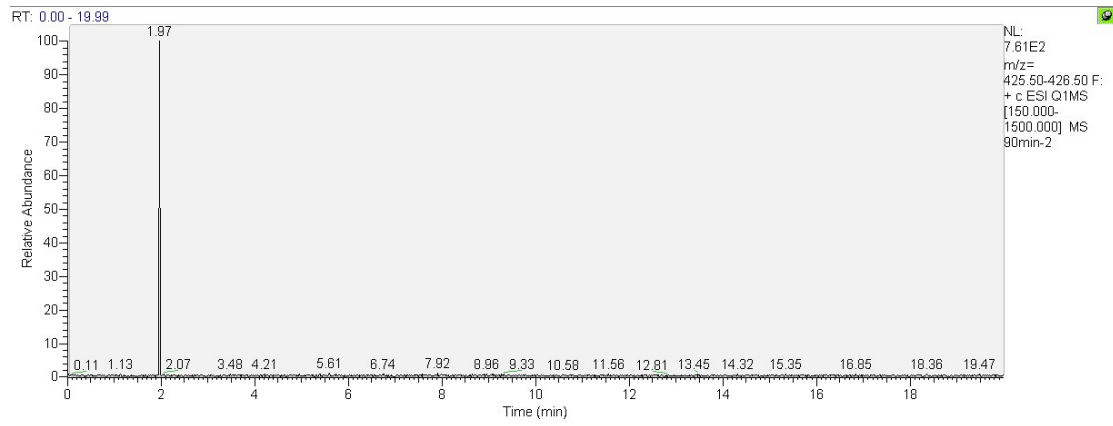


Fig. S4. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 460.5

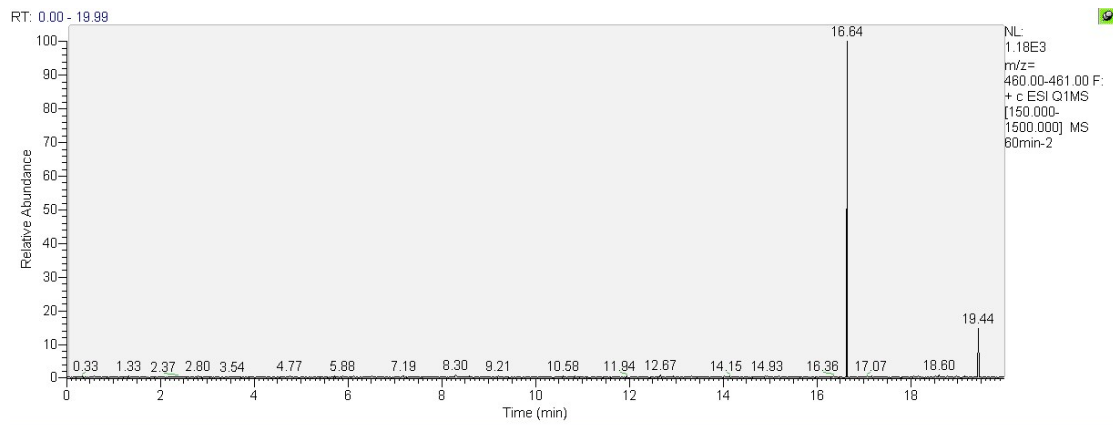


Fig. S5. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 460.5

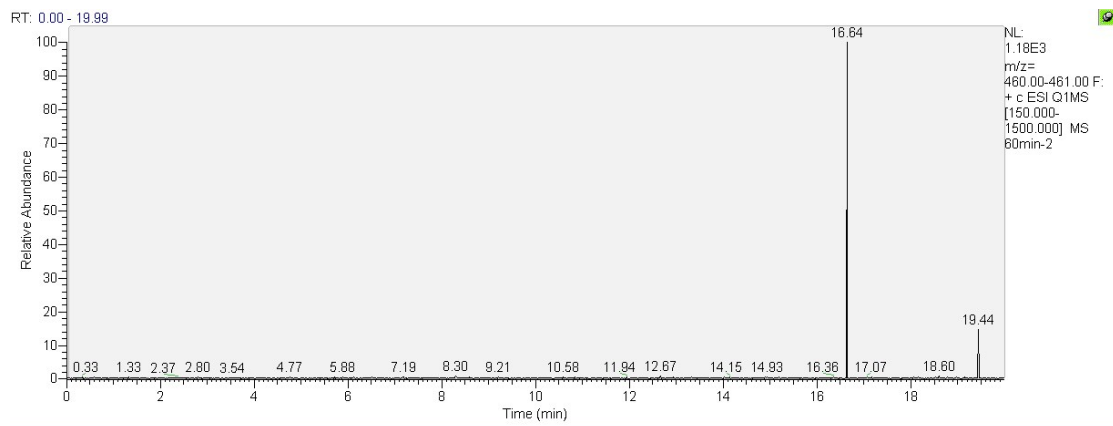


Fig. S6. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 460.5

values of 495

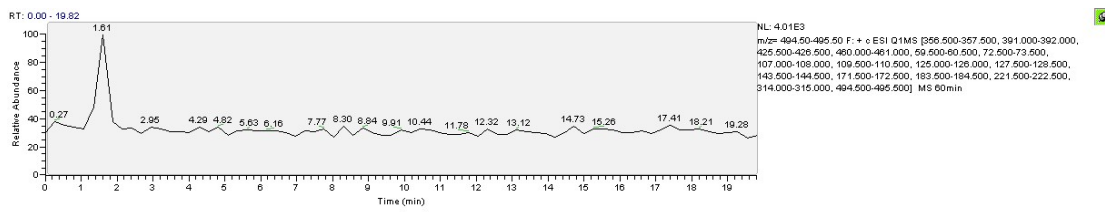


Fig. S7. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 314.5

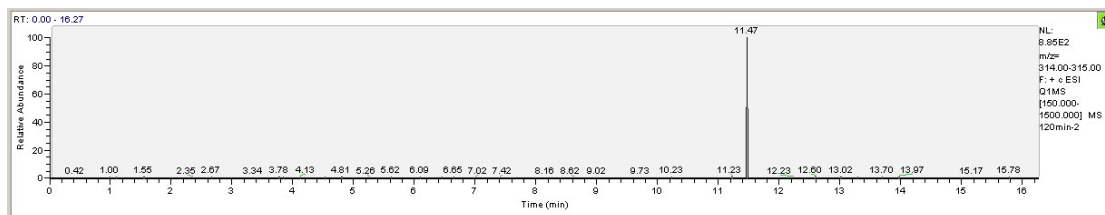


Fig. S8. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 349

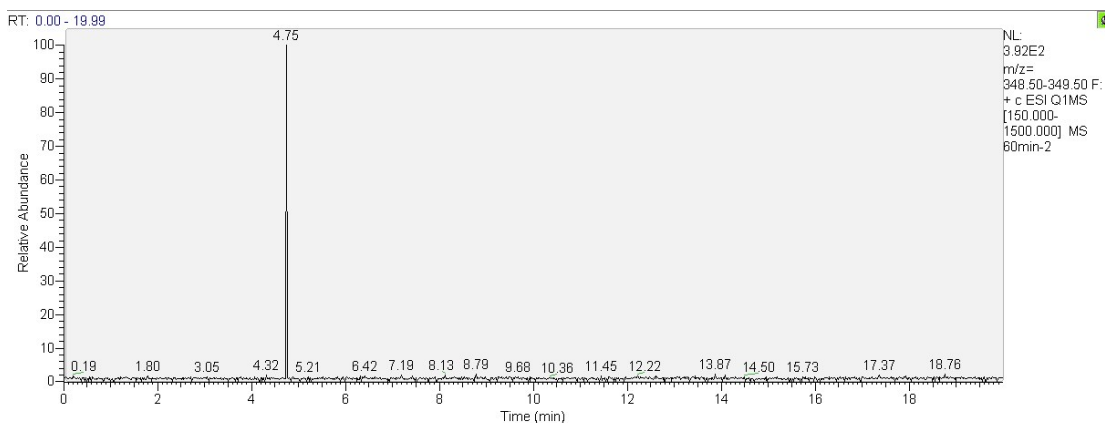


Fig. S9. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 383.5

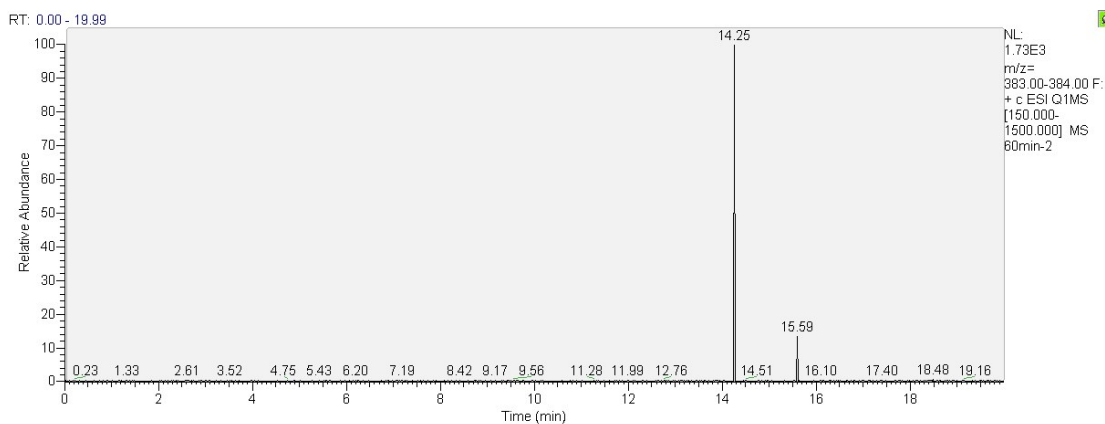


Fig. S10. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 452.5

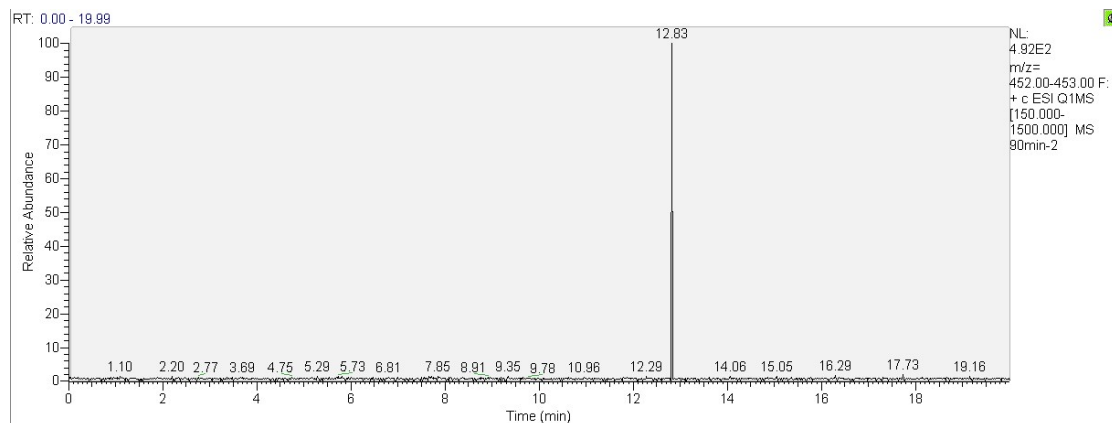


Fig. S11. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 248

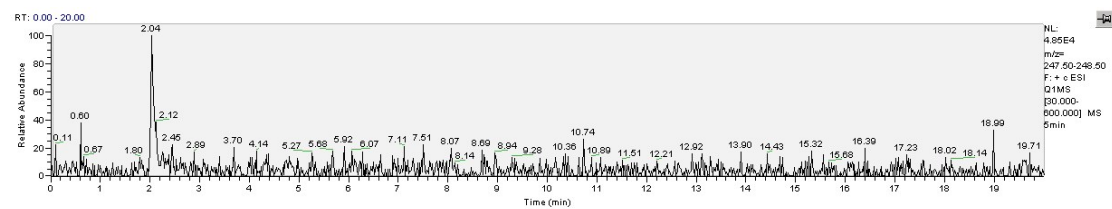


Fig. S12. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 282.5

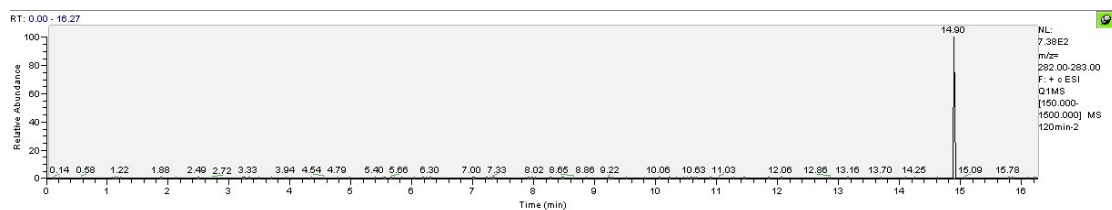


Fig. S13. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 317

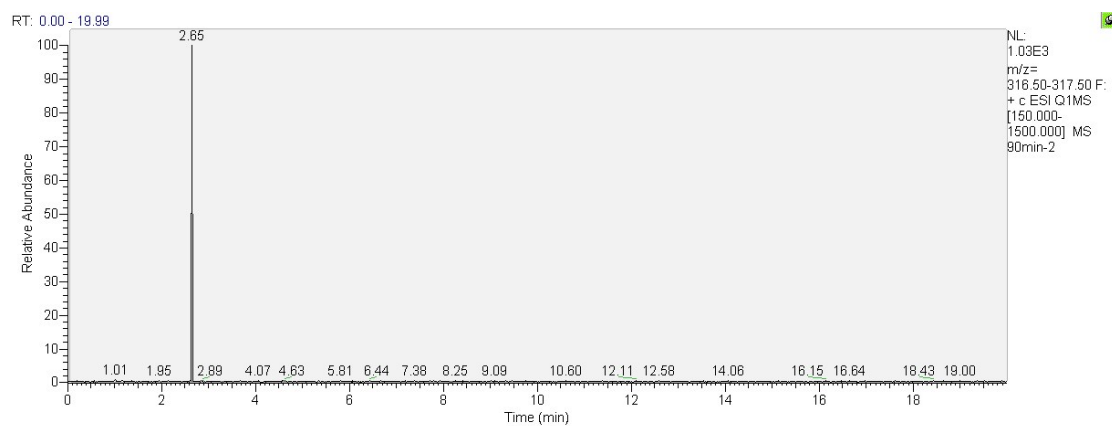


Fig. S14. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 351.5

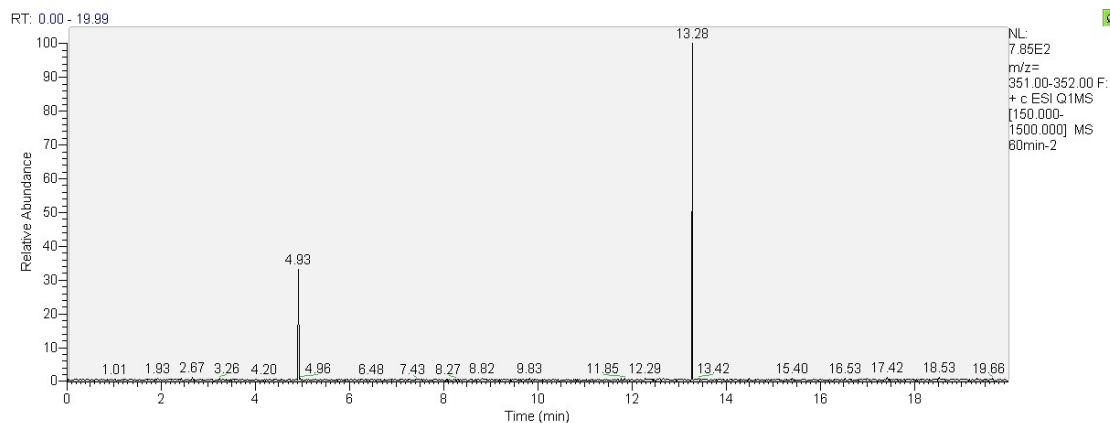


Fig. S15. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 387

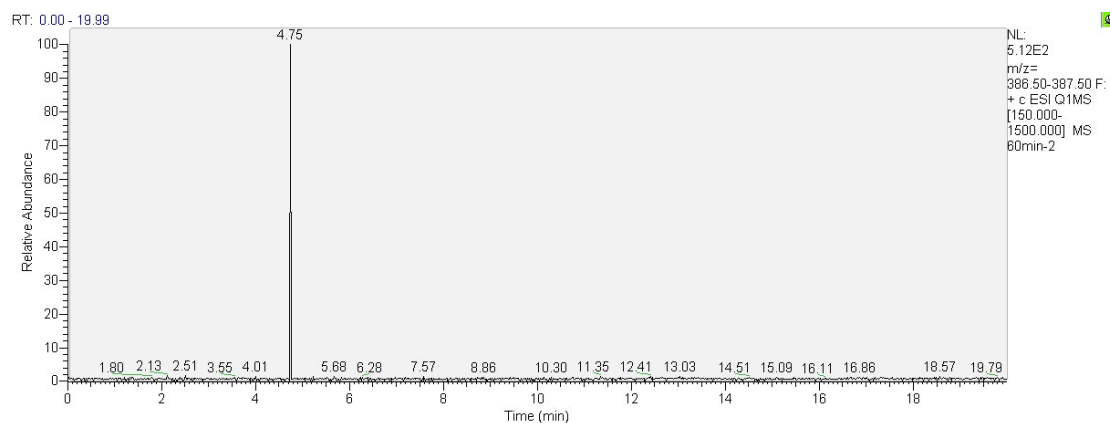


Fig. S16. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 279

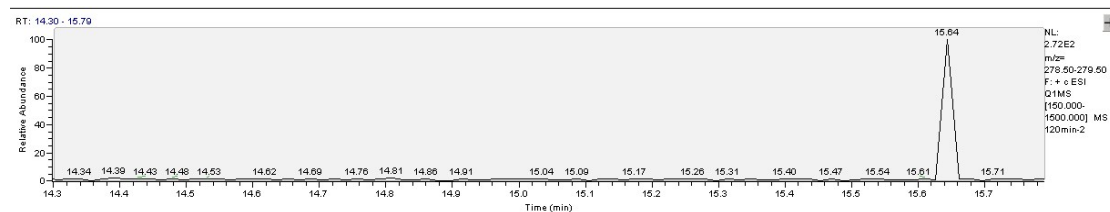


Fig. S17. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 96



Fig. S18. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 184

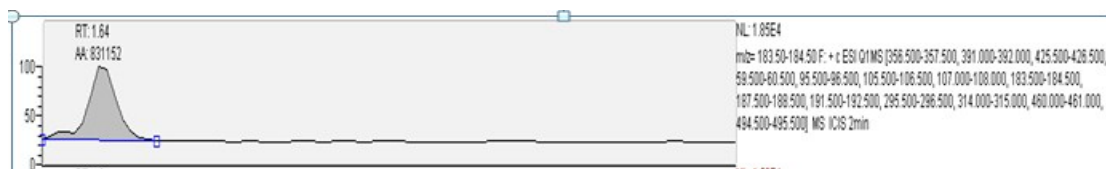


Fig. S19. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 188



Fig. S20. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 106



Fig. S21. The LC-MSMS scan of byproducts formed during the chlorination of FF with the mass/ionization (m/z) values of 122

