Article

Determination of N-carbamylglutamate in feeds and animal products by high performance liquid chromatography tandem mass spectrometry

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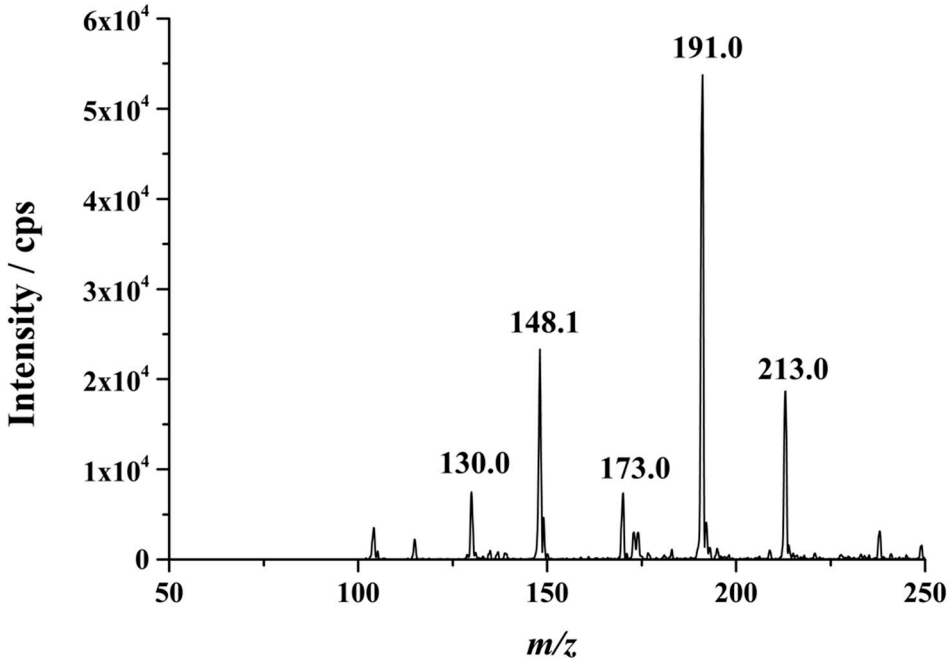

Figure S1. The full scan MS spectrum of NCG standard.

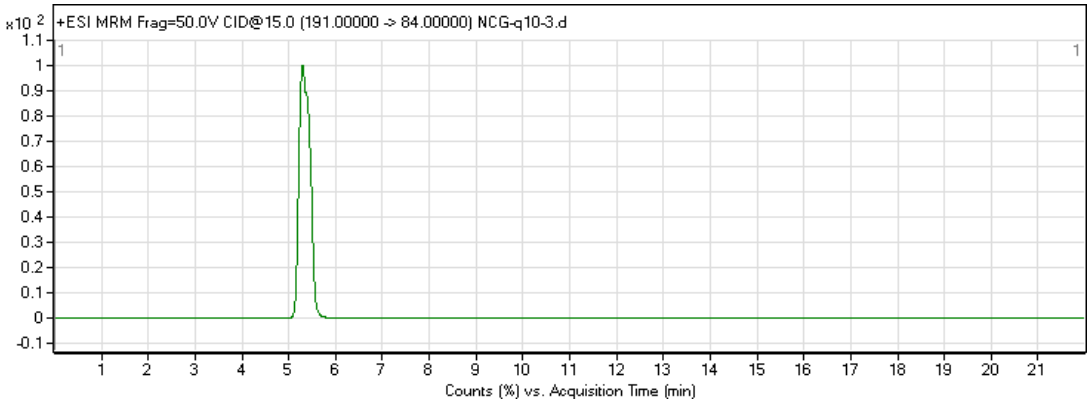

Figure S2. Product ion *m*/*z* 191.0>84.0 chromatogram of NCG in spiked compound feed.

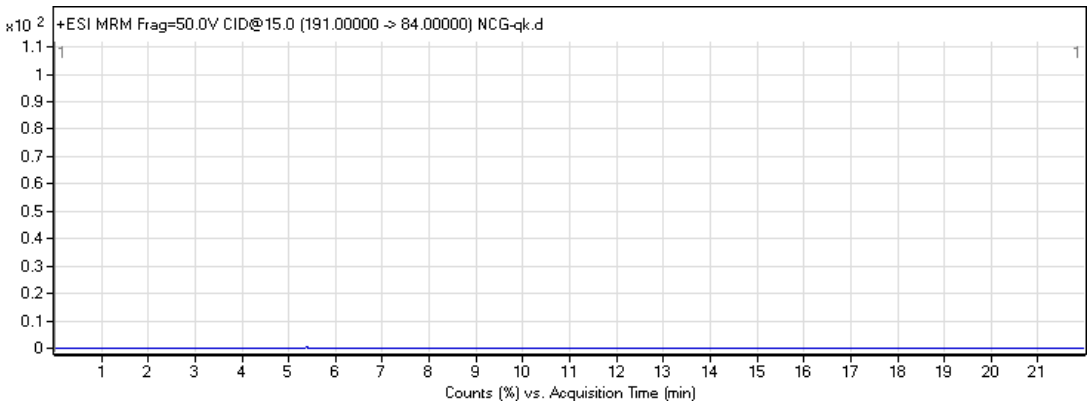

Figure S3. Product ion *m*/*z* 191.0>84.0 chromatogram of NCG in blank compound feed sample.

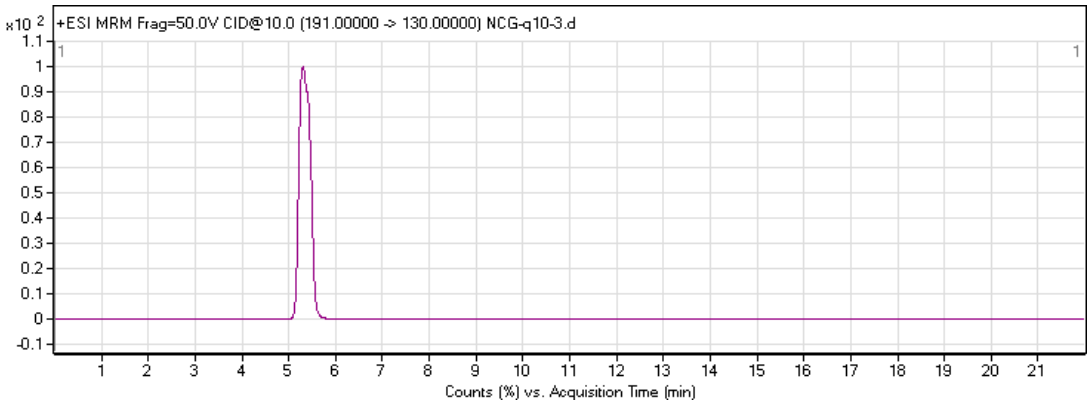

Figure S4. Product ion *m*/*z* 191.0>130.0 chromatogram of NCG in spiked compound feed.

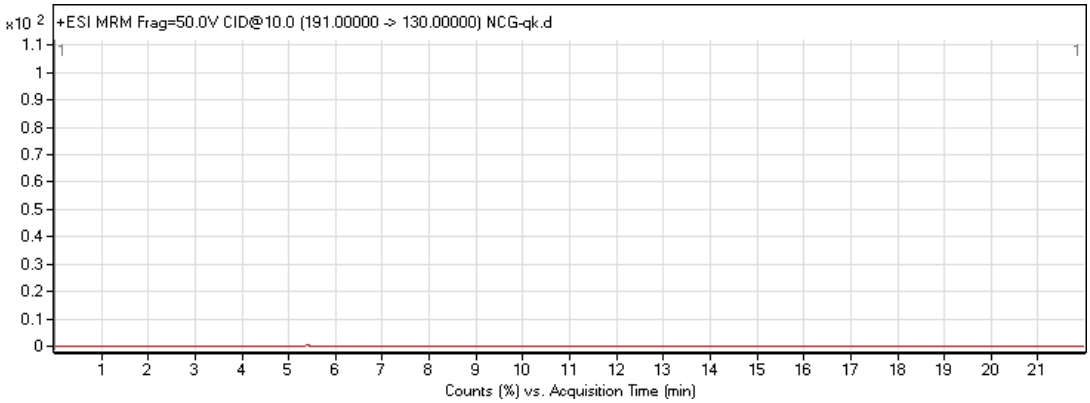

Figure S5. Product ion *m*/*z* 191.0>130.0 chromatogram of NCG in blank compound feed sample.

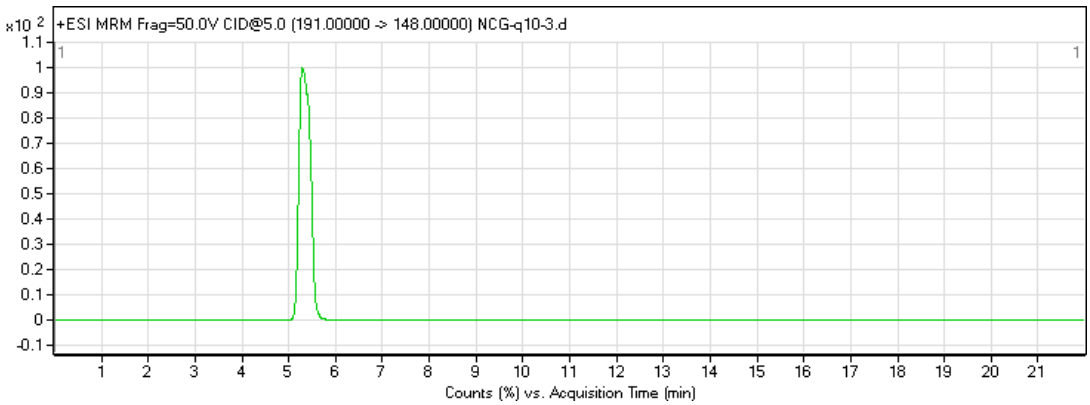

Figure S6. Product ion *m*/*z* 191.0>148.0 chromatogram of NCG in spiked compound feed.

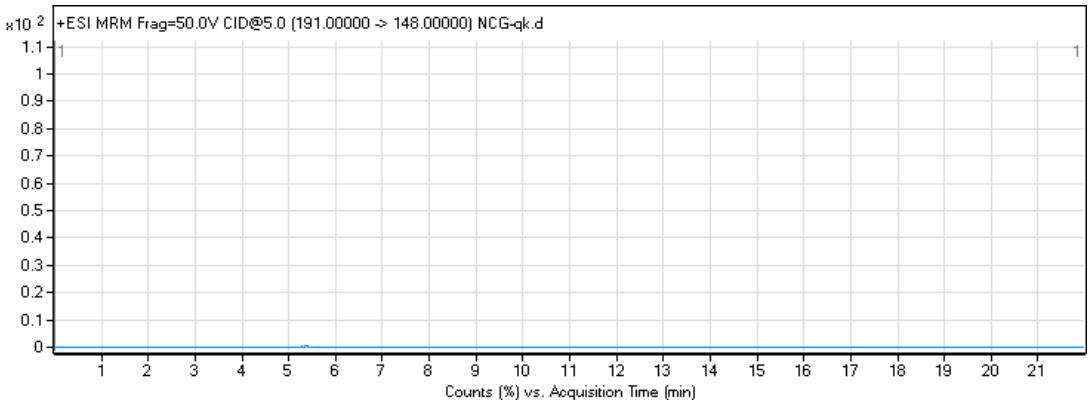

Figure S7. Product ion *m*/*z* 191.0>148.0 chromatogram of NCG in blank compound feed sample.

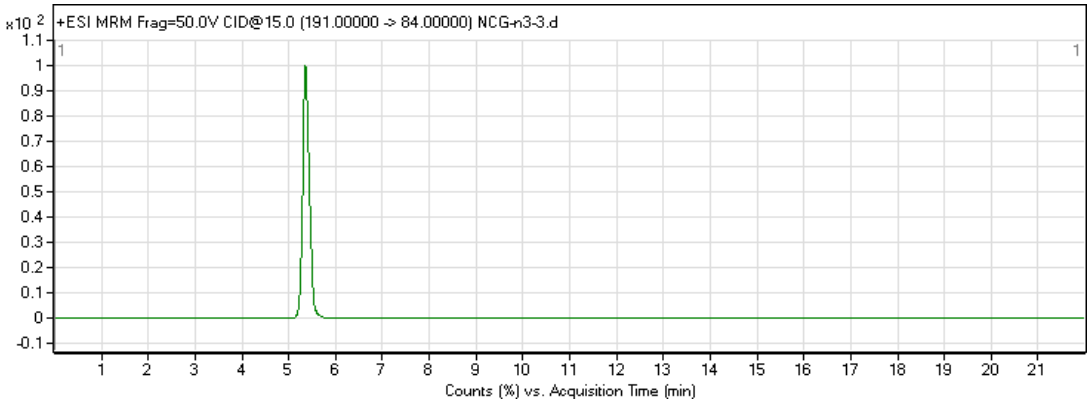

Figure S8. Product ion *m*/*z* 191.0>84.0 chromatogram of NCG in spiked concentrated feed.

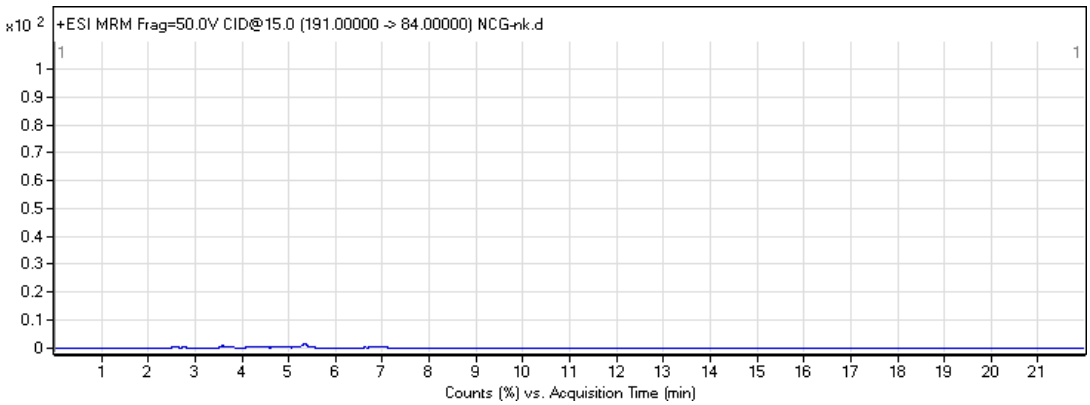

Figure S9. Product ion *m*/*z* 191.0>84.0 chromatogram of NCG in blank concentrated feed sample.

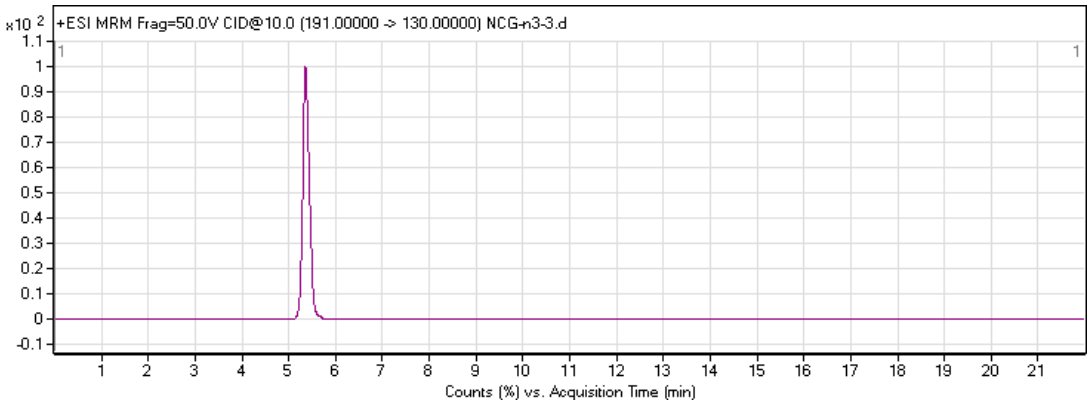

Figure S10. Product ion *m*/*z* 191.0>130.0 chromatogram of NCG in spiked concentrated feed.

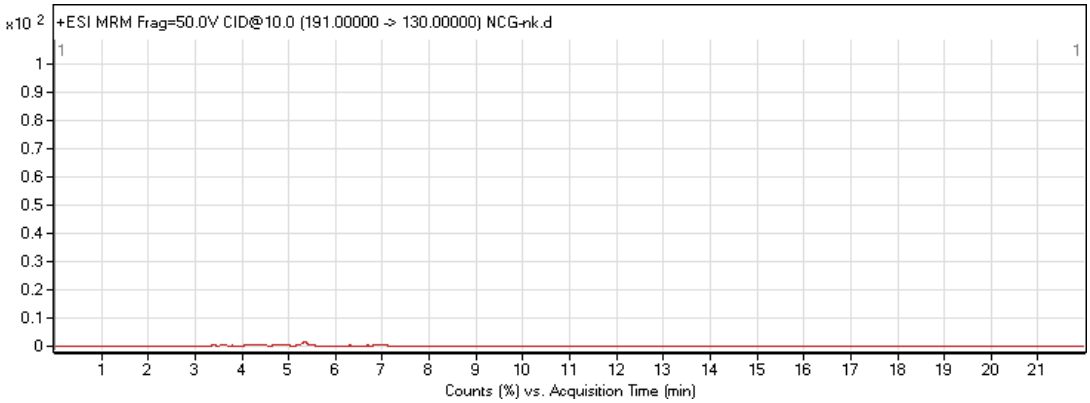

Figure S11. Product ion *m/z* 191.0>130.0 chromatogram of NCG in blank concentrated feed sample.

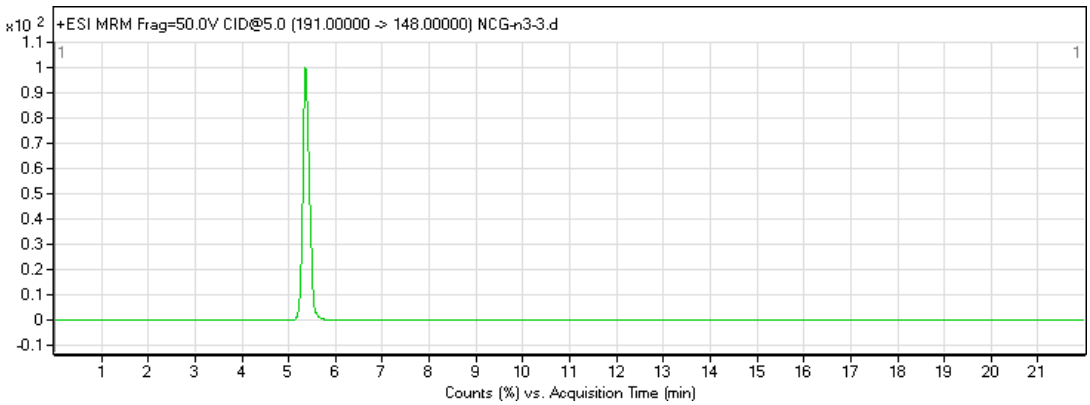

Figure S12. Product ion *m/z* 191.0>148.0 chromatogram of NCG in spiked concentrated feed.

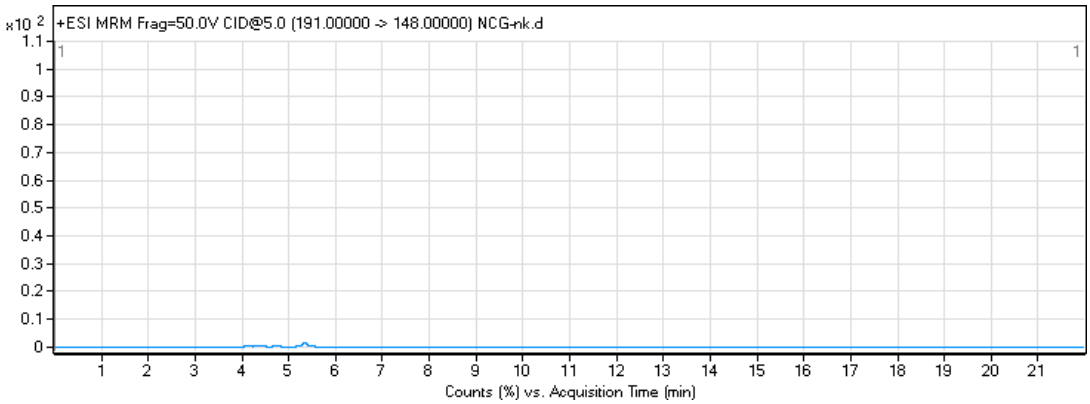

Figure S13. Product ion *m/z* 191.0>148.0 chromatogram of NCG in blank concentrated feed sample.

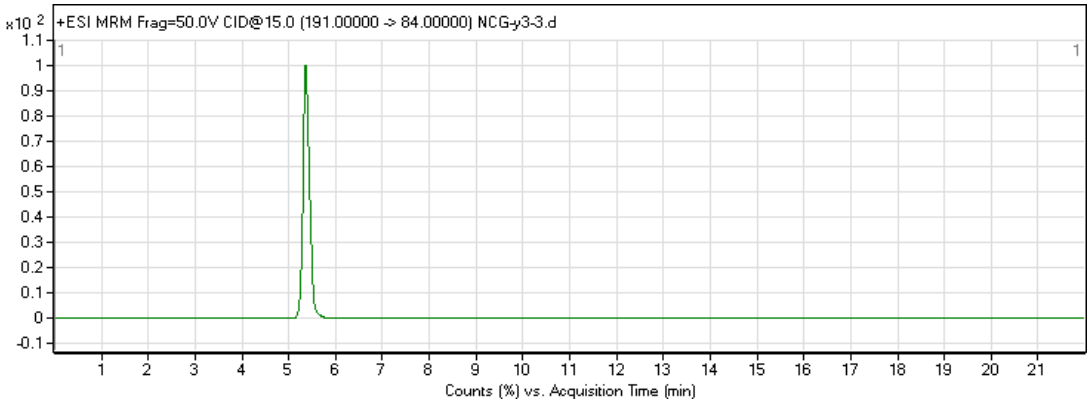

Figure S14. Product ion *m/z* 191.0>84.0 chromatogram of NCG in spiked premix.

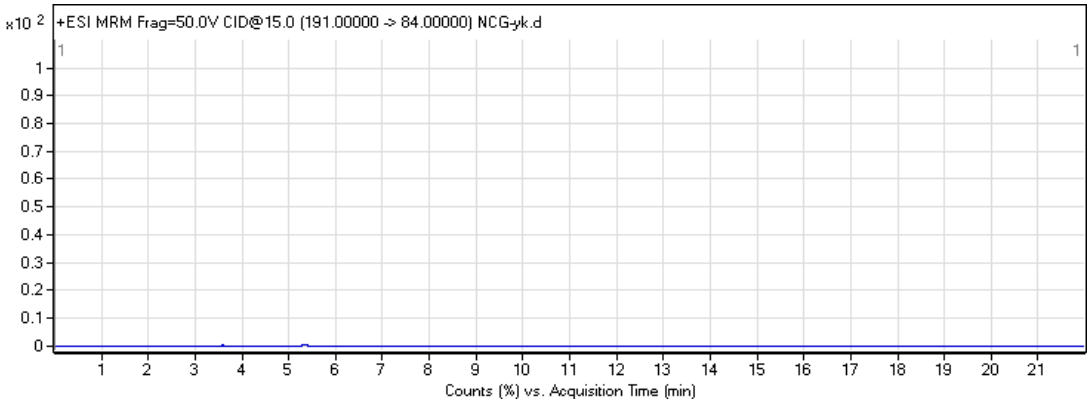

Figure S15. Product ion *m/z* 191.0>84.0 chromatogram of NCG in blank premix sample.

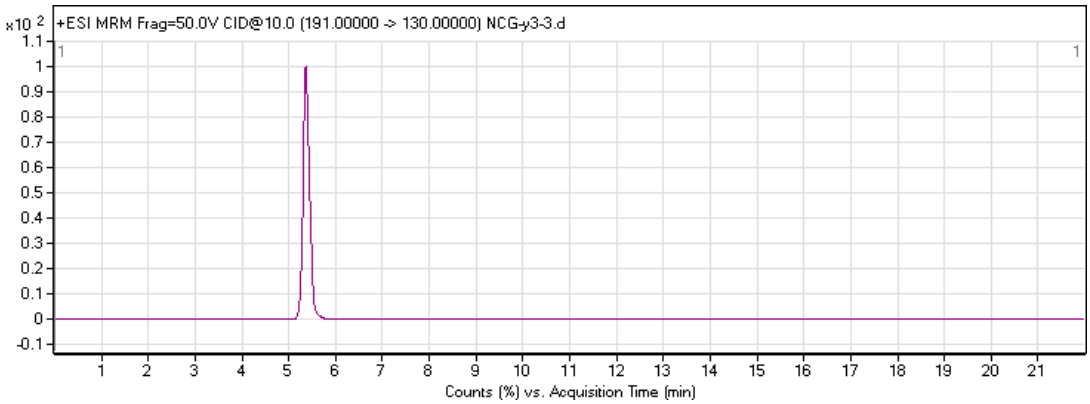

Figure S16. Product ion *m/z* 191.0>130.0 chromatogram of NCG in spiked premix.

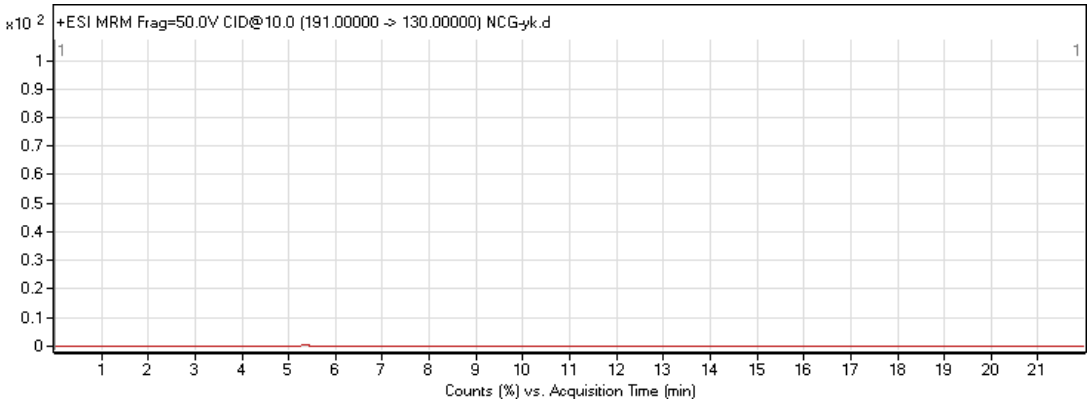

Figure S17. Product ion *m/z* 191.0>130.0 chromatogram of NCG in blank premix sample.

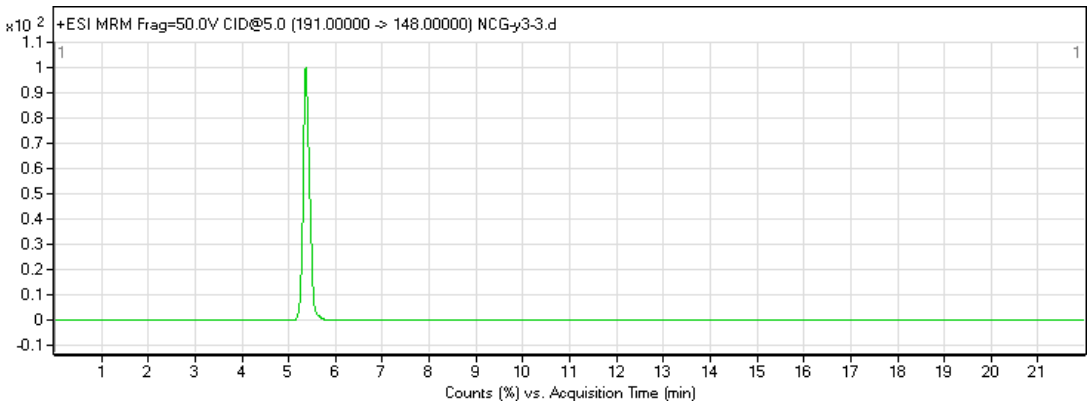

Figure S18. Product ion *m/z* 191.0>148.0 chromatogram of NCG in spiked premix.

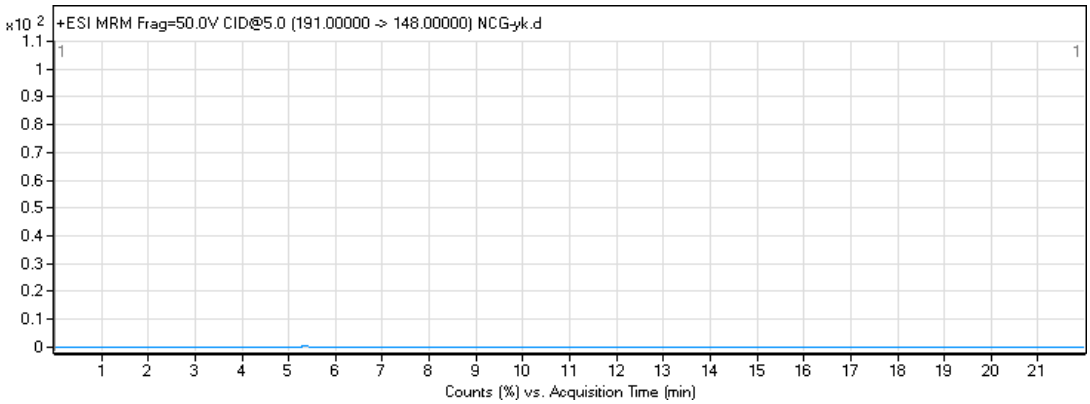

Figure S19. Product ion *m/z* 191.0>148.0 chromatogram of NCG in blank premix sample.

Figure S20. Product ion *m/z* 191.0>84.0 chromatogram of NCG in spiked milk.

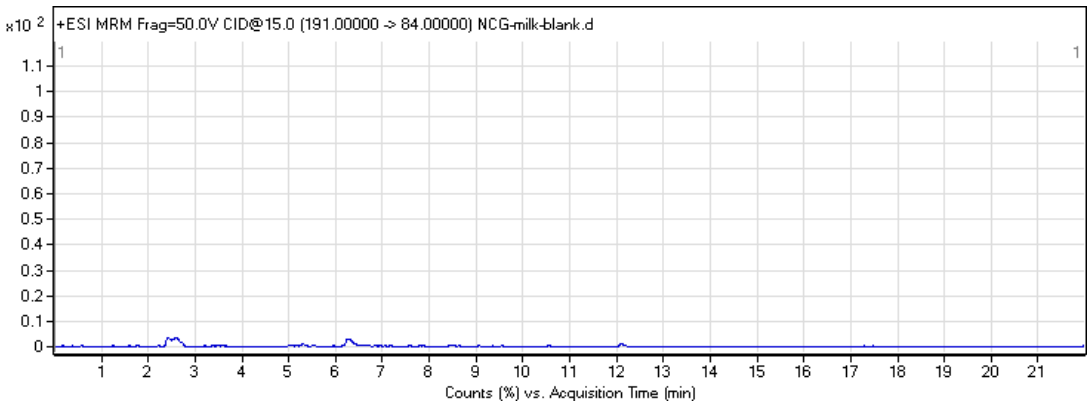

Figure S21. Product ion *m/z* 191.0>84.0 chromatogram of NCG in blank milk sample.

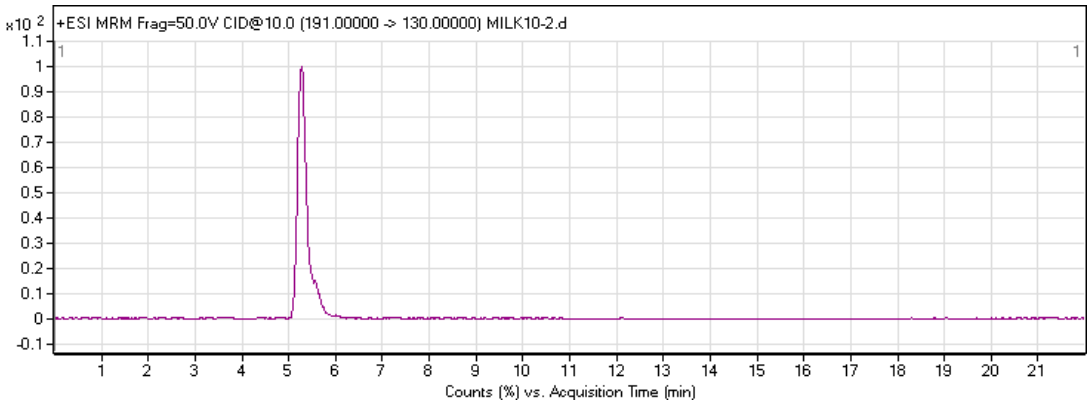

Figure S22. Product ion *m/z* 191.0>130.0 chromatogram of NCG in spiked milk.

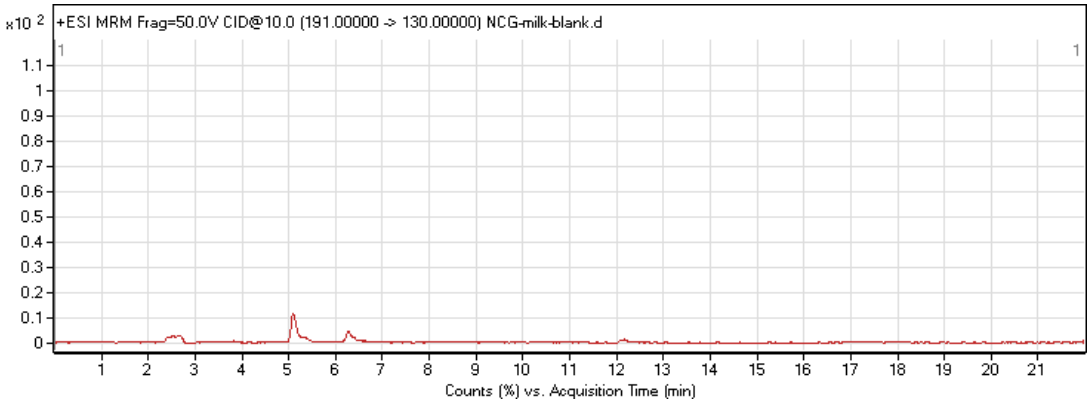

Figure S23. Product ion *m/z* 191.0>130.0 chromatogram of NCG in blank milk sample.

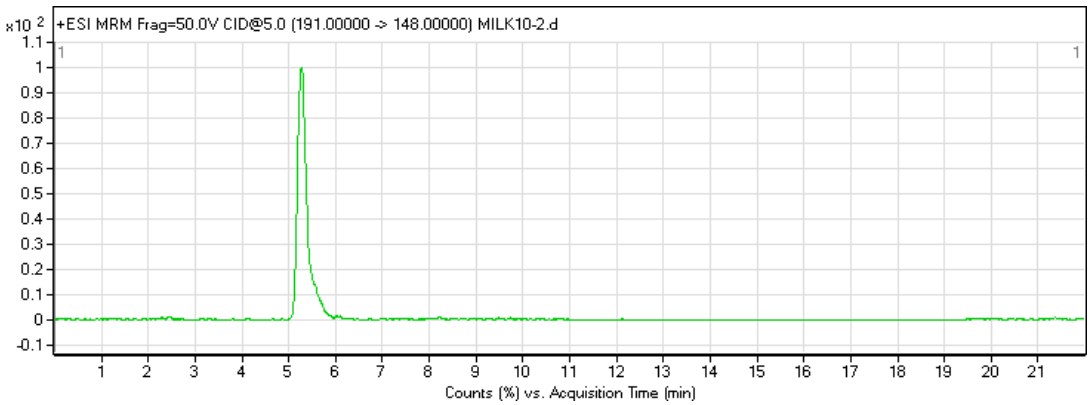

Figure S24. Product ion *m/z* 191.0>148.0 chromatogram of NCG in spiked milk.

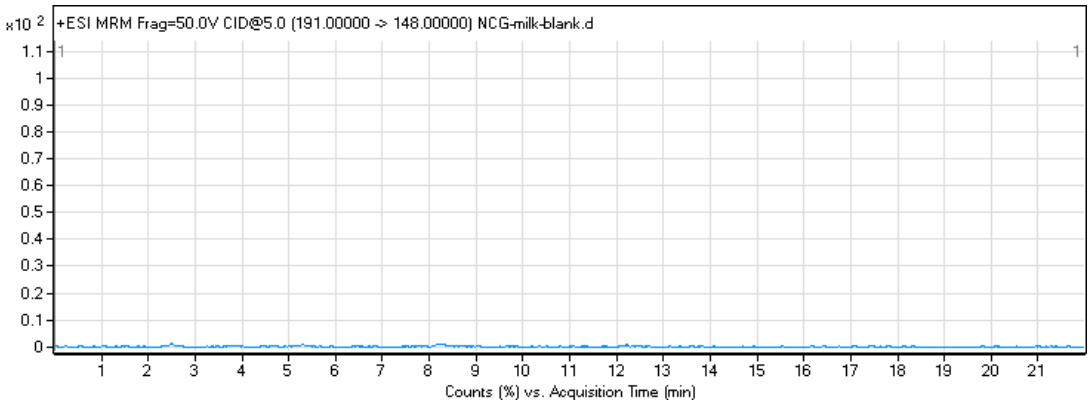

Figure S25. Product ion *m/z* 191.0>148.0 chromatogram of NCG in blank milk sample.

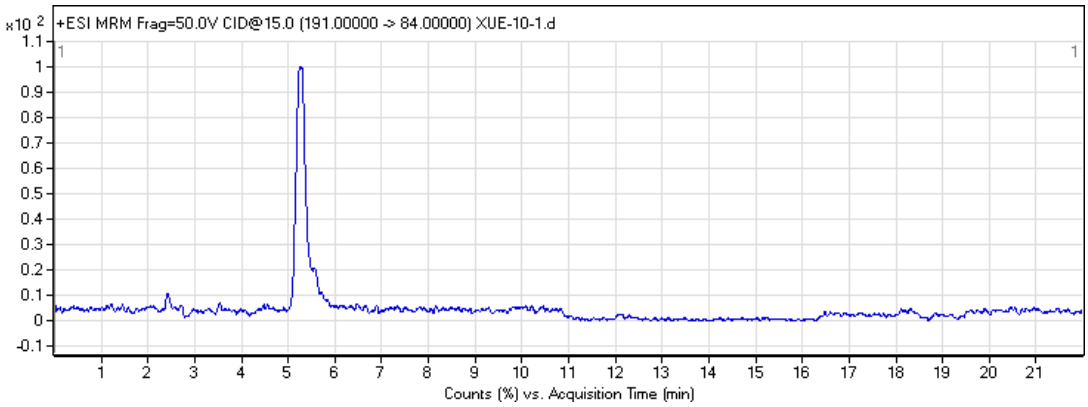

Figure S26. Product ion *m/z* 191.0>84.0 chromatogram of NCG in spiked serum.

Figure S27. Product ion *m/z* 191.0>84.0 chromatogram of NCG in blank serum sample.

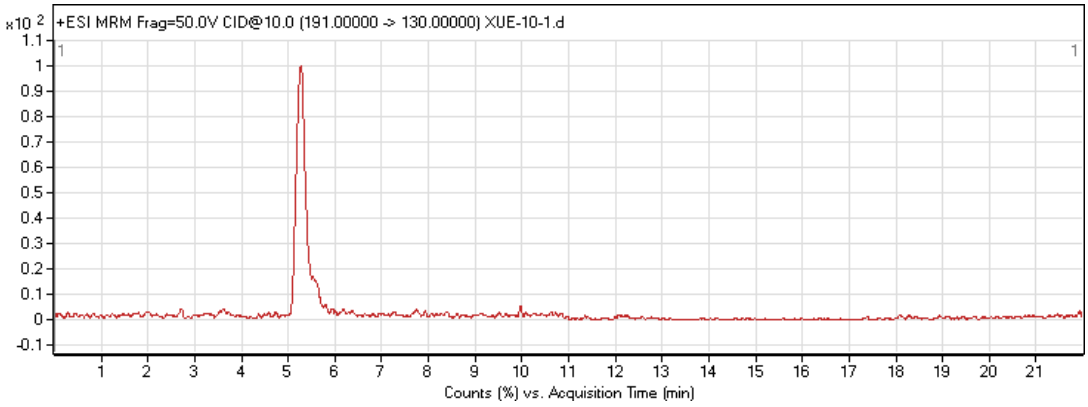

Figure S28. Product ion *m/z* 191.0>130.0 chromatogram of NCG in spiked serum.

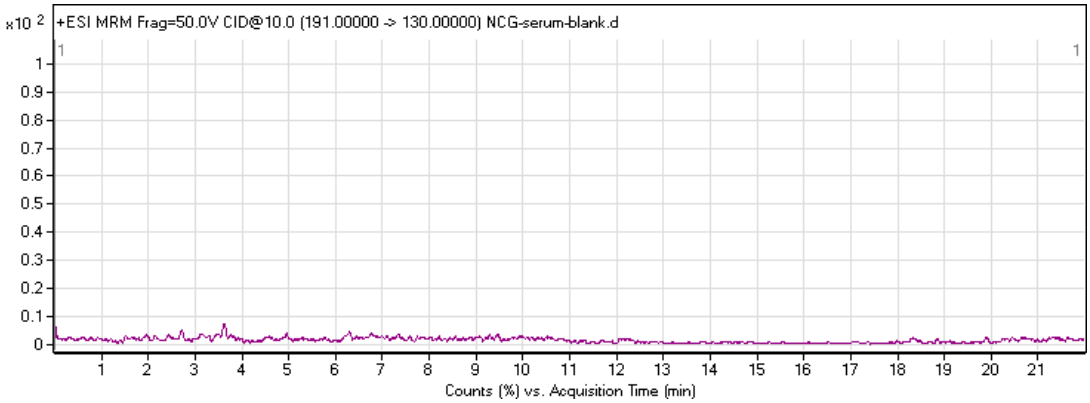

Figure S29. Product ion *m/z* 191.0>130.0 chromatogram of NCG in blank serum sample.

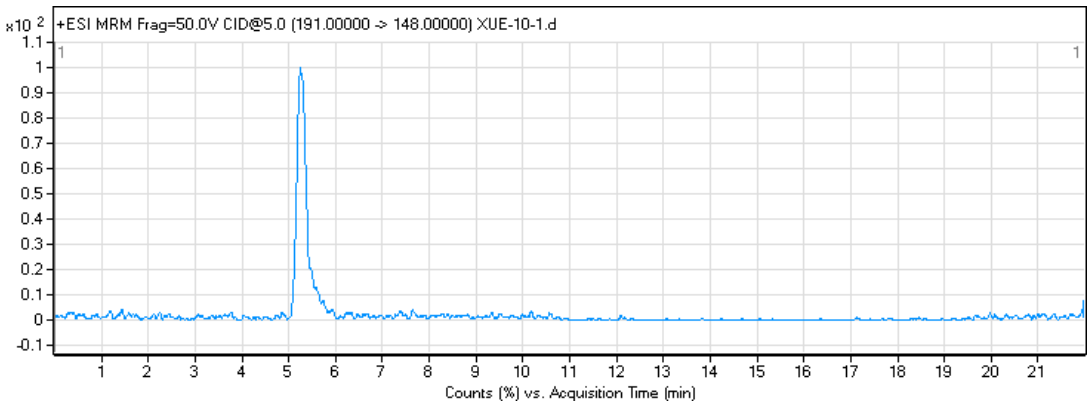

Figure S30. Product ion *m/z* 191.0>148.0 chromatogram of NCG in spiked serum.

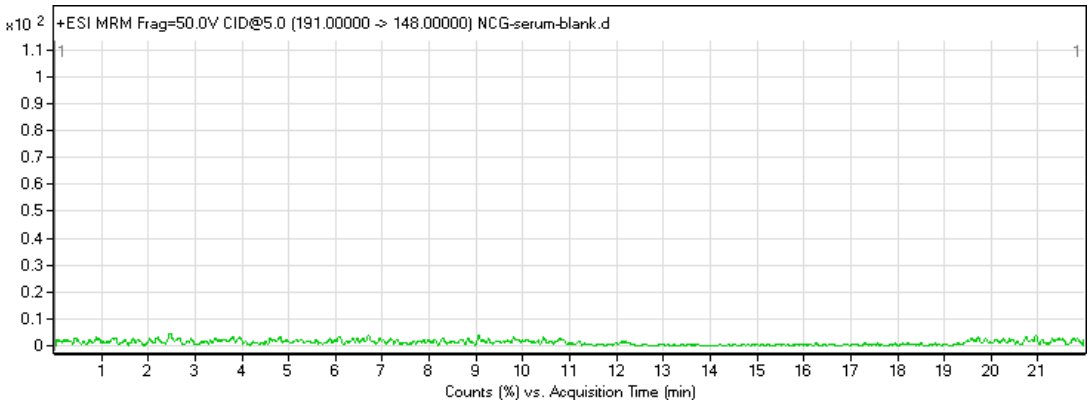

Figure S31. Product ion *m/z* 191.0>148.0 chromatogram of NCG in blank serum sample.

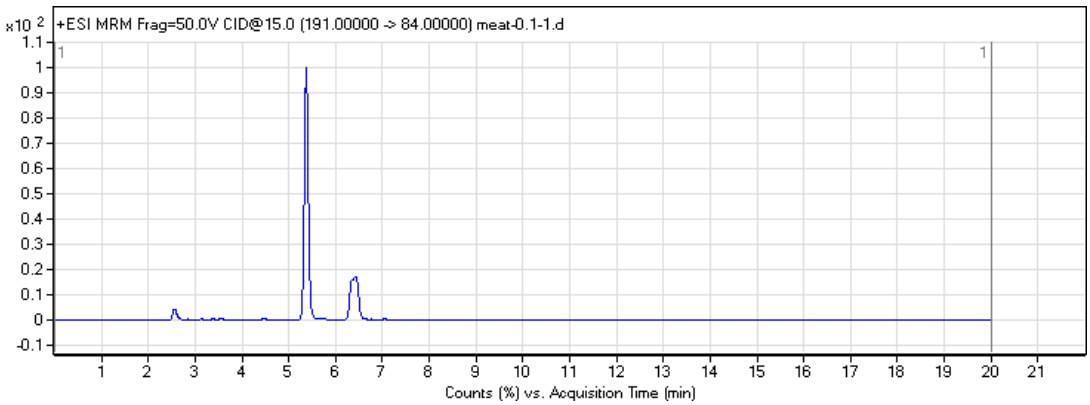

Figure S32. Product ion *m*/*z* 191.0>84.0 chromatogram of NCG in spiked meat.

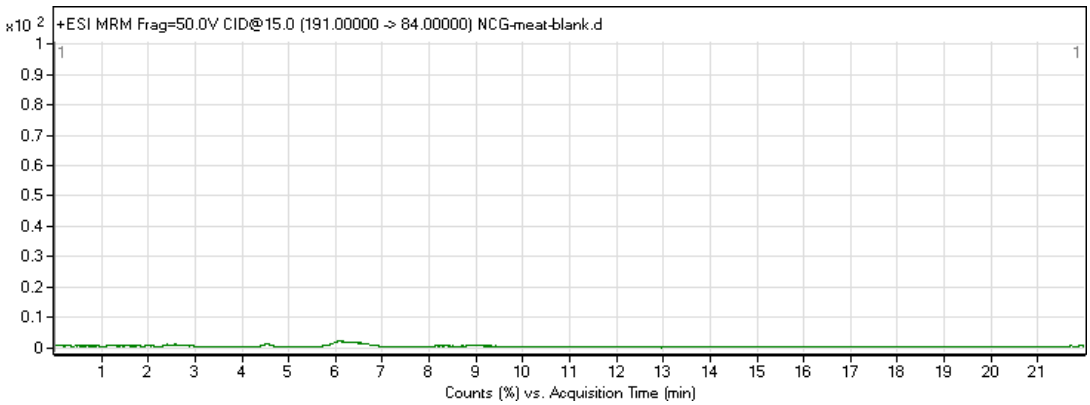

Figure S33. Product ion *m*/*z* 191.0>84.0 chromatogram of NCG in blank meat sample.

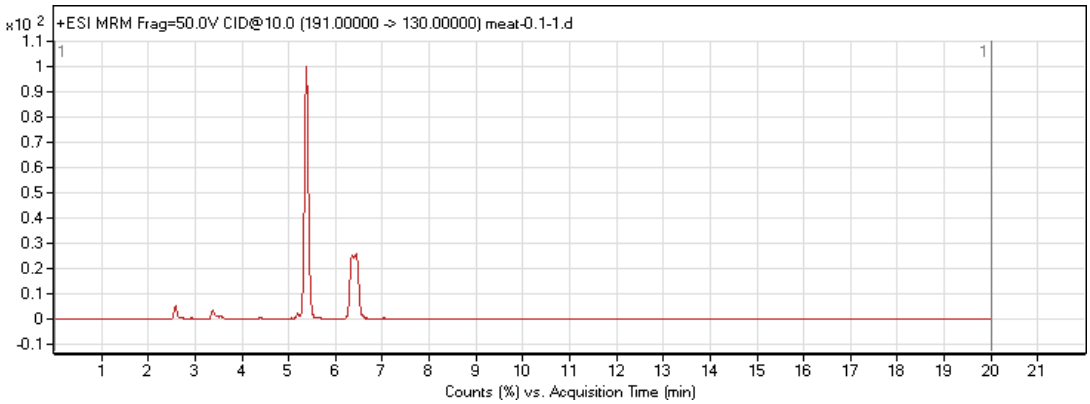

Figure S34. Product ion *m*/*z* 191.0>130.0 chromatogram of NCG in spiked meat.

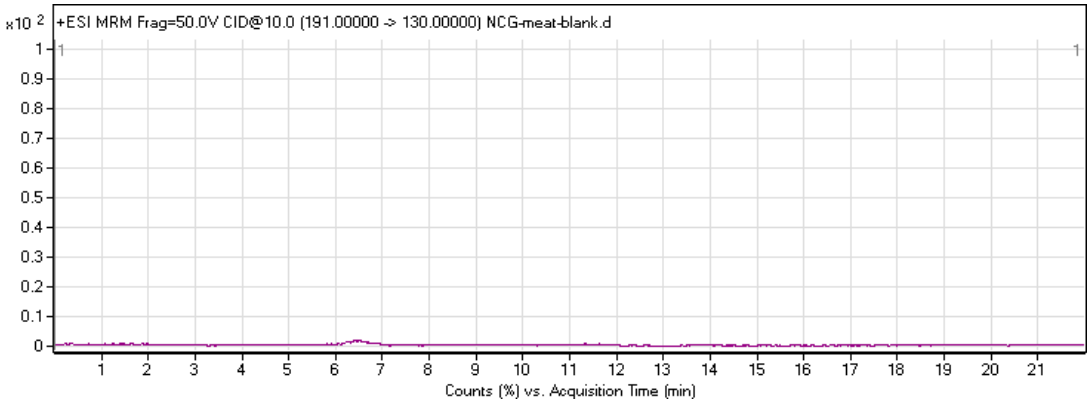

Figure S35. Product ion *m/z* 191.0>130.0 chromatogram of NCG in blank meat sample.

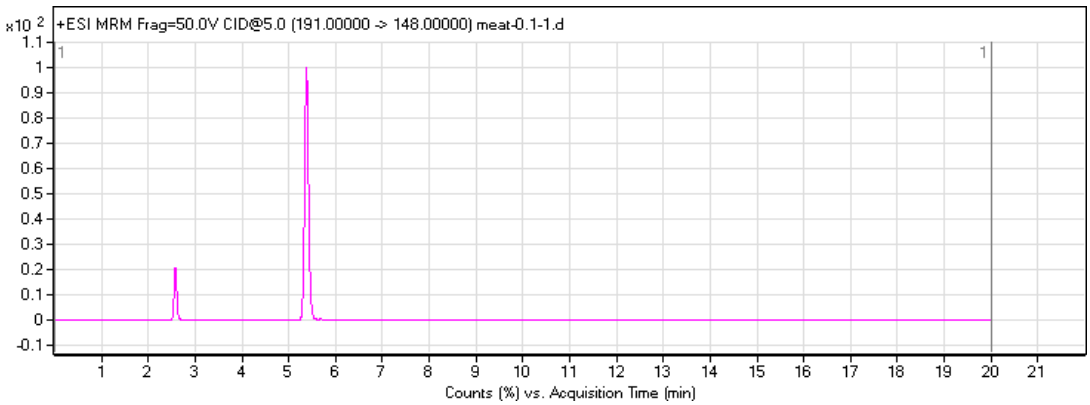

Figure S36. Product ion *m/z* 191.0>148.0 chromatogram of NCG in spiked meat.

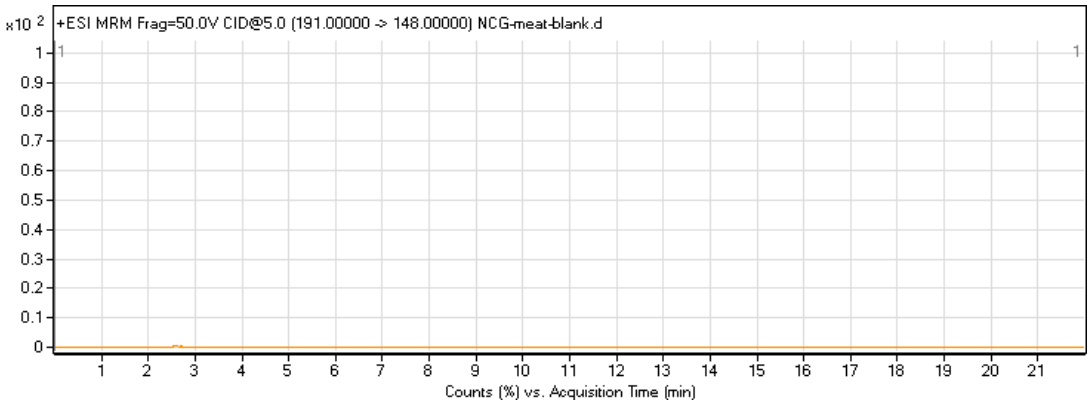

Figure S37. Product ion *m/z* 191.0>148.0 chromatogram of NCG in blank meat sample.

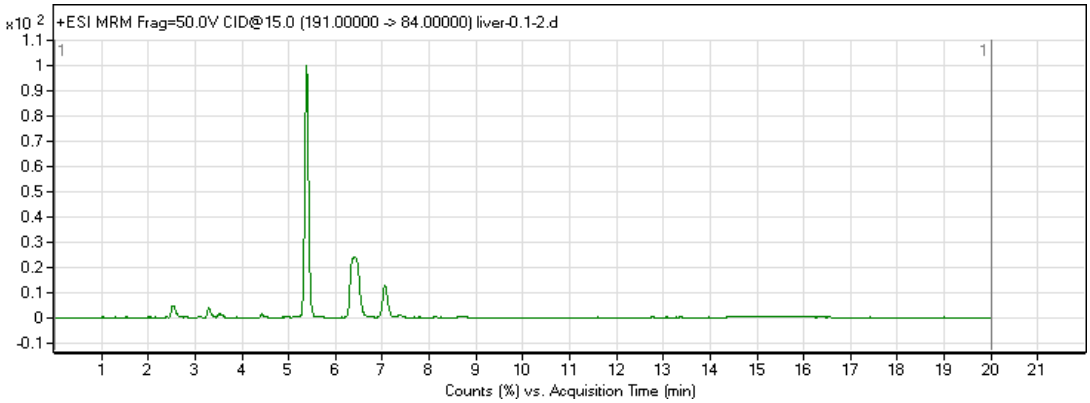

Figure S38. Product ion *m/z* 191.0>84.0 chromatogram of NCG in spiked liver.

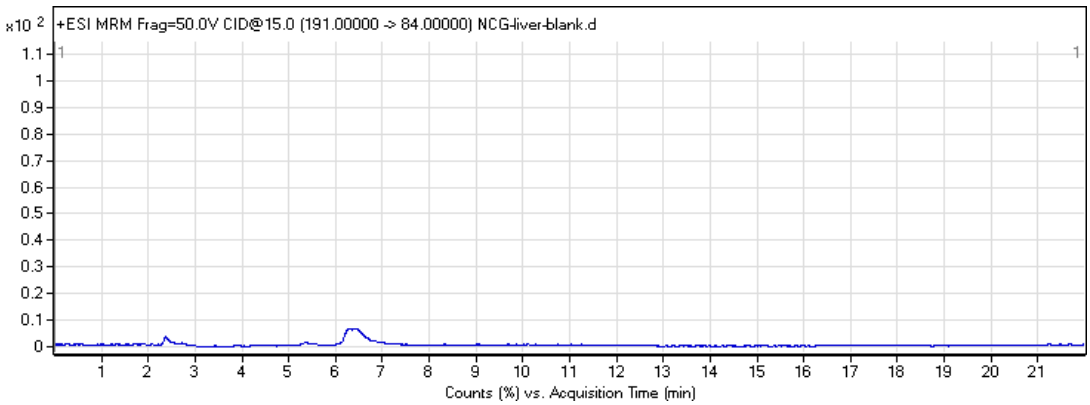

Figure S39. Product ion *m/z* 191.0>84.0 chromatogram of NCG in blank liver sample.

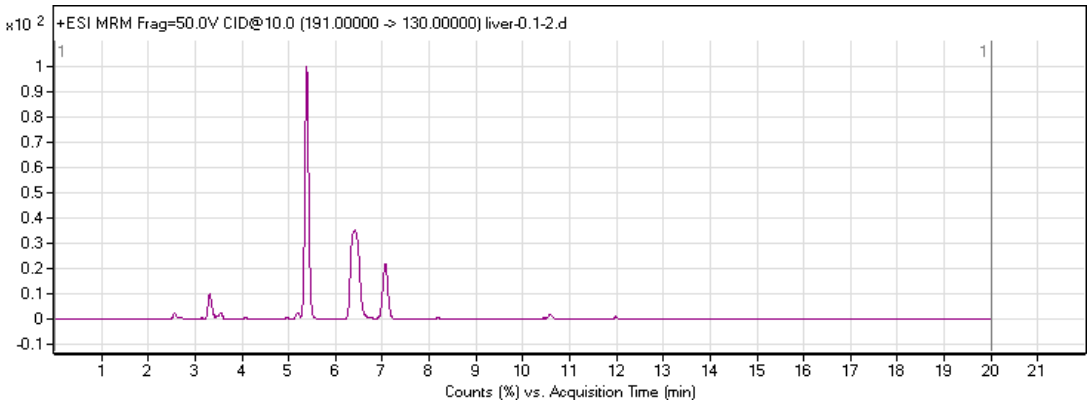

Figure S40. Product ion *m/z* 191.0>130.0 chromatogram of NCG in spiked liver.

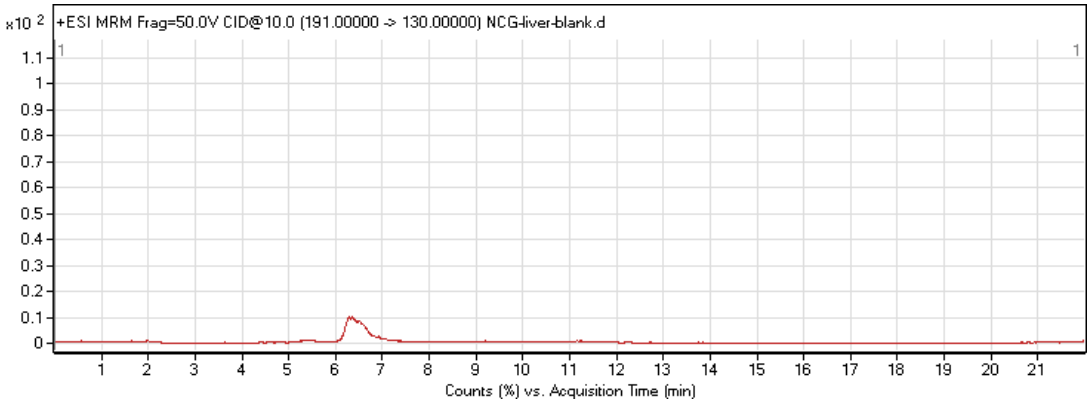

Figure S41. Product ion *m/z* 191.0>130.0 chromatogram of NCG in blank liver sample.

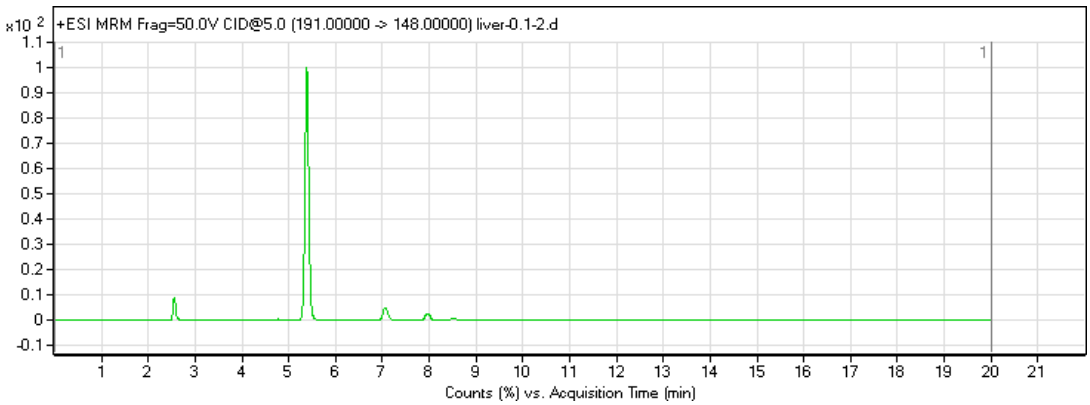

Figure S42. Product ion *m/z* 191.0>148.0 chromatogram of NCG in spiked liver.

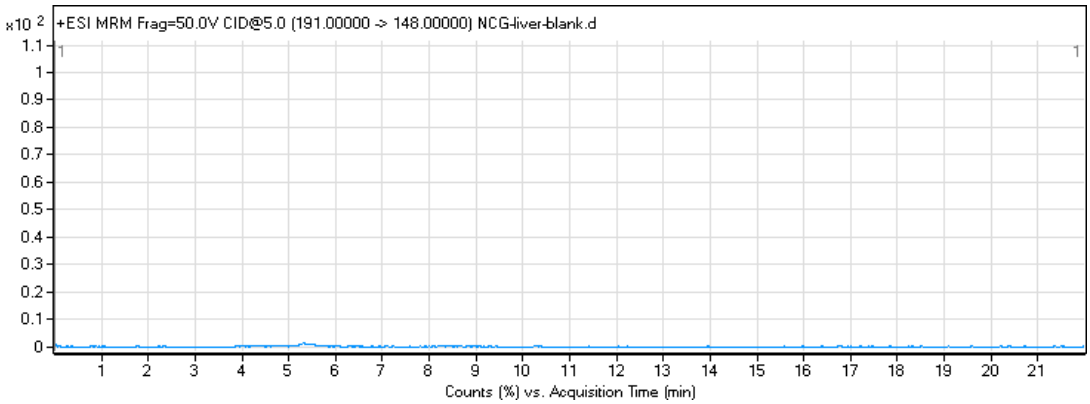

Figure S43. Product ion *m/z* 191.0>148.0 chromatogram of NCG in blank liver sample.

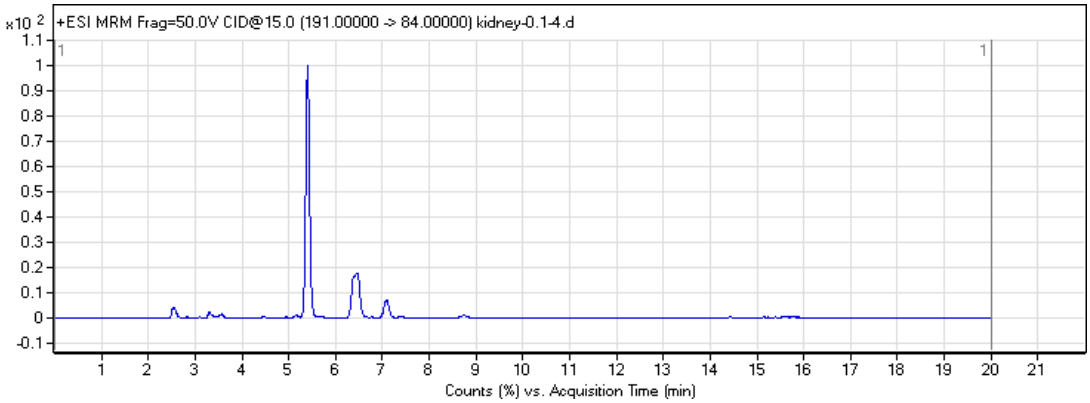

Figure S44. Product ion *m/z* 191.0>84.0 chromatogram of NCG in spiked kidney.

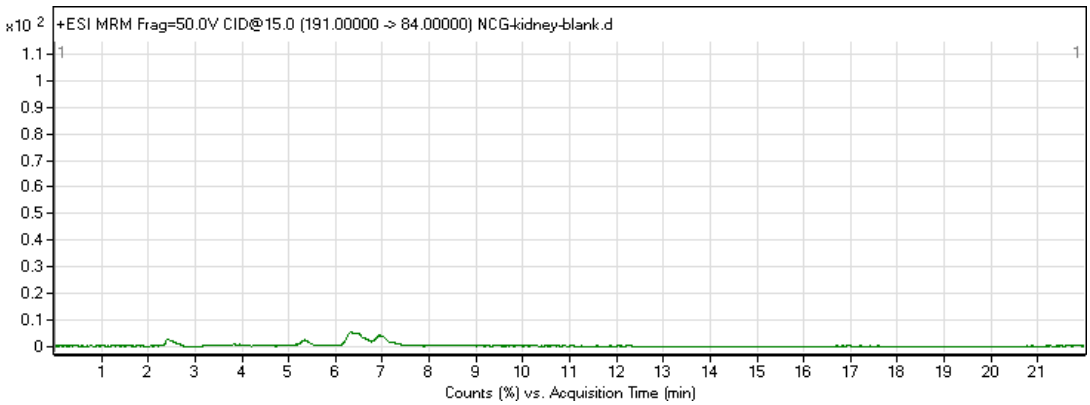

Figure S45. Product ion *m/z* 191.0>84.0 chromatogram of NCG in blank kidney sample.

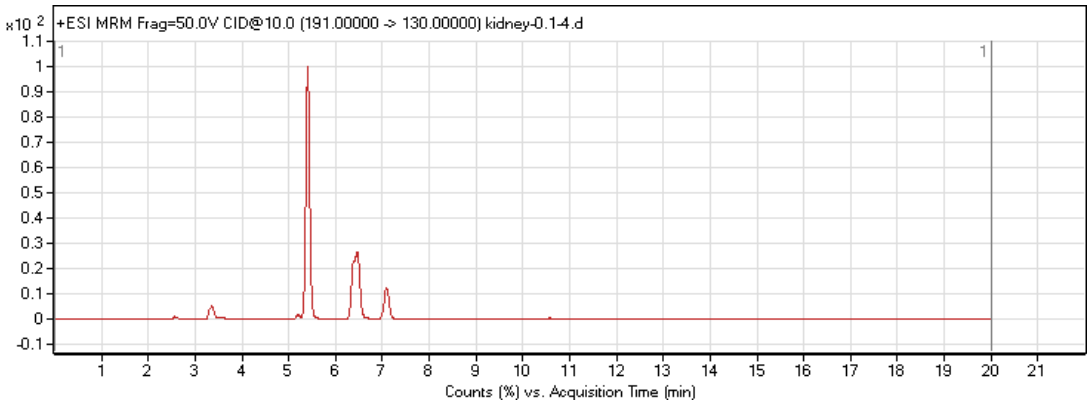

Figure S46. Product ion *m/z* 191.0>130.0 chromatogram of NCG in spiked kidney.

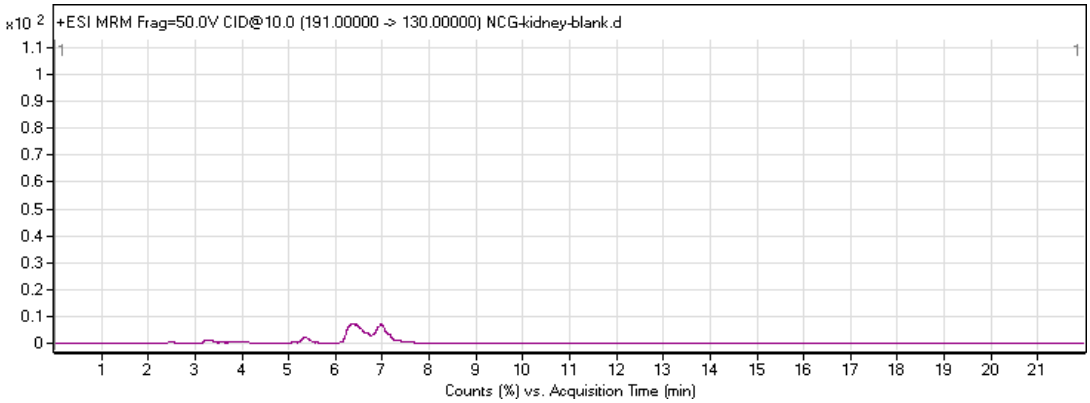

Figure S47. Product ion *m/z* 191.0>130.0 chromatogram of NCG in blank kidney sample.

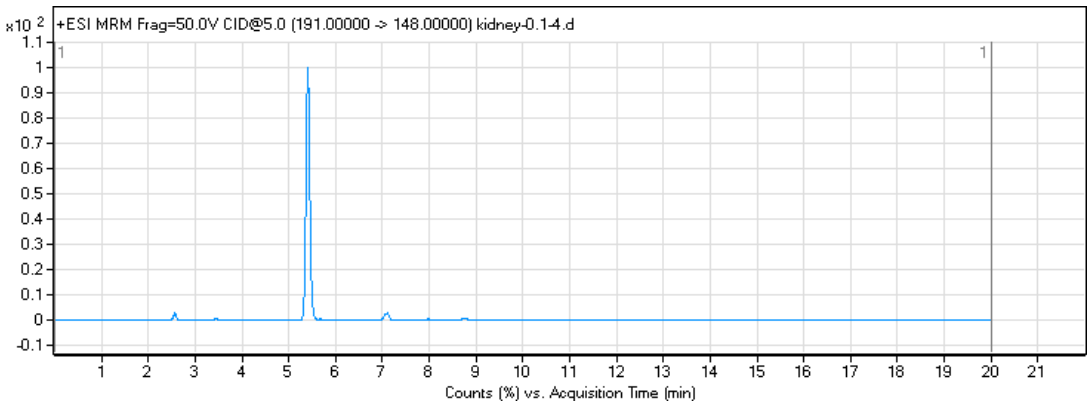

Figure S48. Product ion *m/z* 191.0>148.0 chromatogram of NCG in spiked kidney.

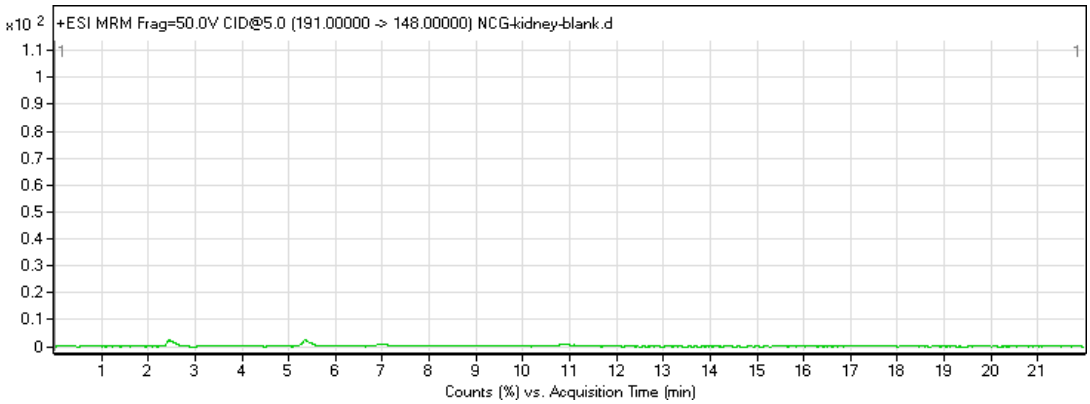

Figure S49. Product ion *m/z* 191.0>148.0 chromatogram of NCG in blank kidney sample.