

Phytochemical Screening and Antioxidant Activity of Selected Estonian *Galium* Species

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Supplementary Materials

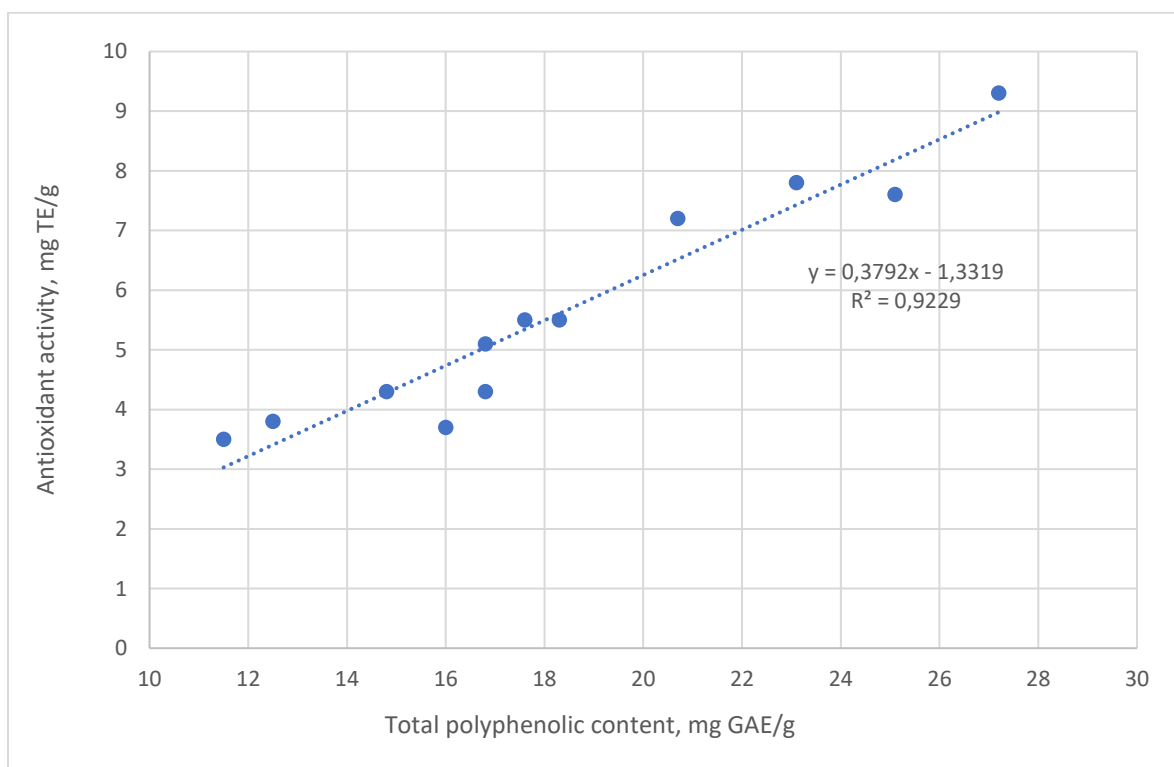


Figure S1. The correlation of phenolic content and antioxidant properties of the *Galium* extracts

Figures S2–S29. UV spectra of all quantified compounds, measured from the analyses of 50% ethanol extracts in the range of 200 to 400 nm (compound numeration as per Tables 2 and 3):

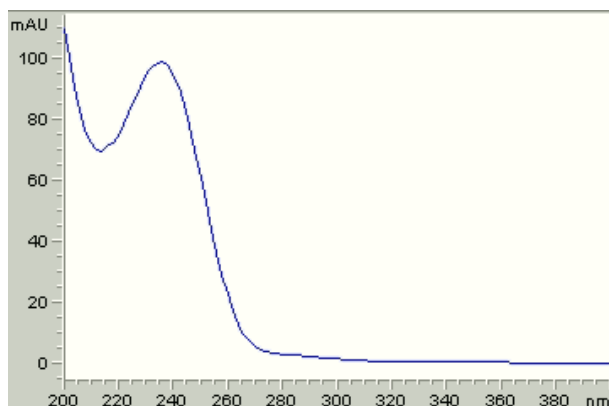


Figure S2. UV spectrum of compound 1
(quantified using **asperuloside calibration**)

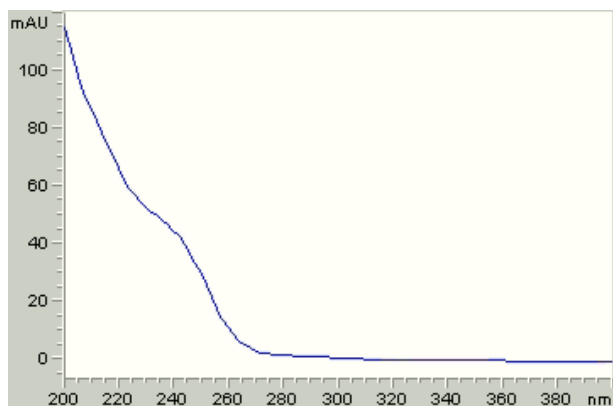


Figure S3. UV spectrum of compound 2
(quantified using **asperuloside calibration**)

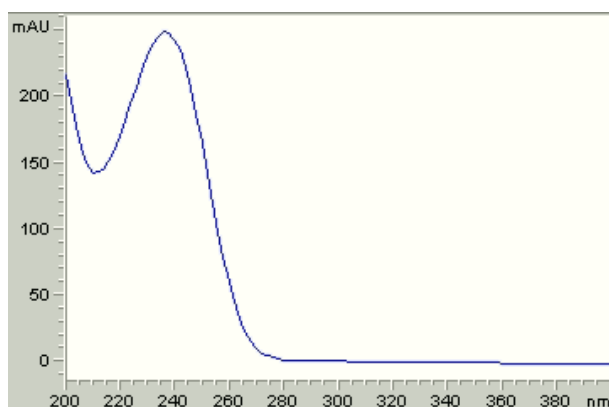


Figure S4. UV spectrum of compound 3
(quantified using **asperuloside calibration**)

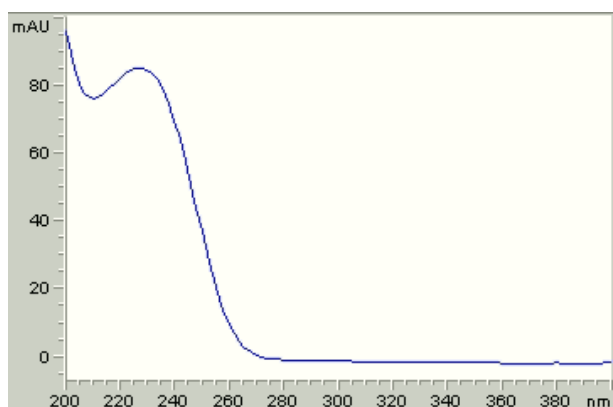


Figure S5. UV spectrum of compound 4
(quantified using **asperuloside calibration**)

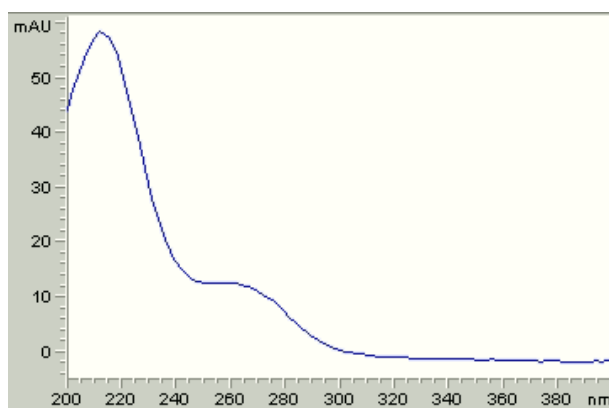


Figure S6. UV spectrum of compound 5
(quantified using **asperuloside calibration**)

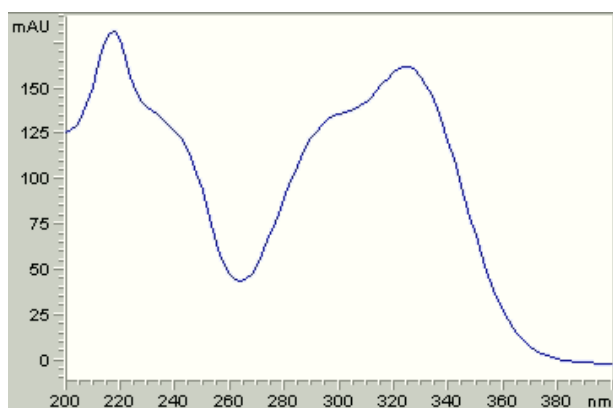


Figure S7. UV spectrum of compound 6
(identified as **neochlorogenic acid** using a
standard compound)

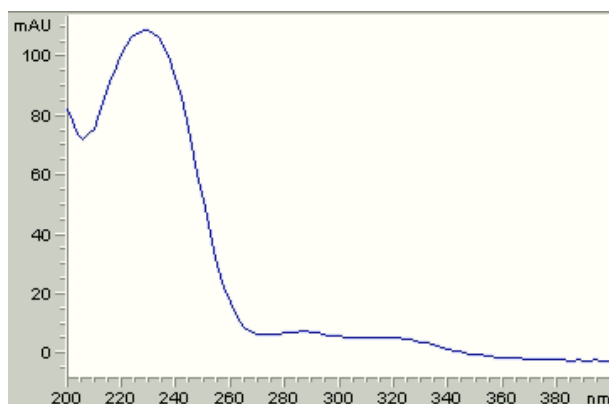


Figure S8. UV spectrum of compound **7**
(quantified using **asperuloside** calibration)

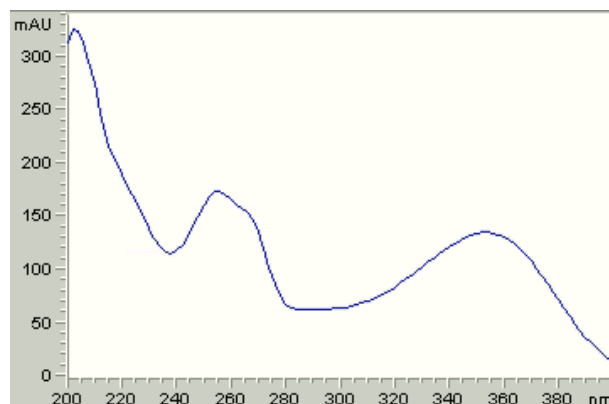


Figure S9. UV spectrum of compound **8**
(quantified using **rutin** calibration)

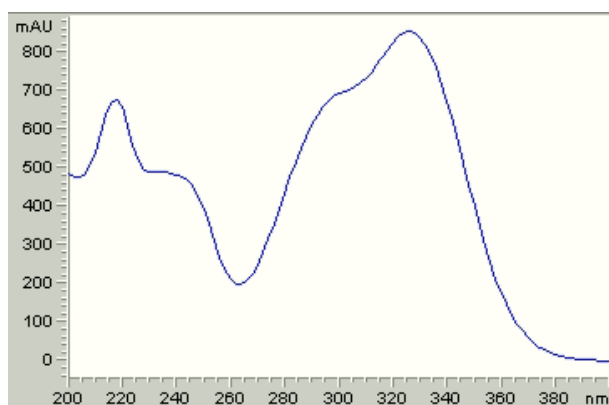


Figure S10. UV spectrum of compound **9**
(identified as **chlorogenic acid** using a
standard compound)

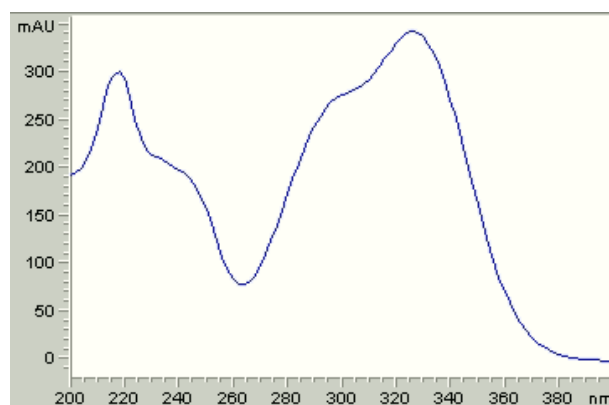


Figure S11. UV spectrum of compound **10**
(quantified using **neochlorogenic acid**
calibration)

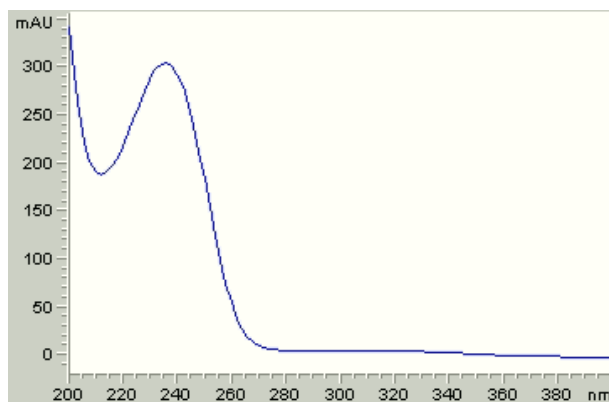


Figure S12. UV spectrum of compound **11**
(identified as **asperuloside** using a standard
compound)

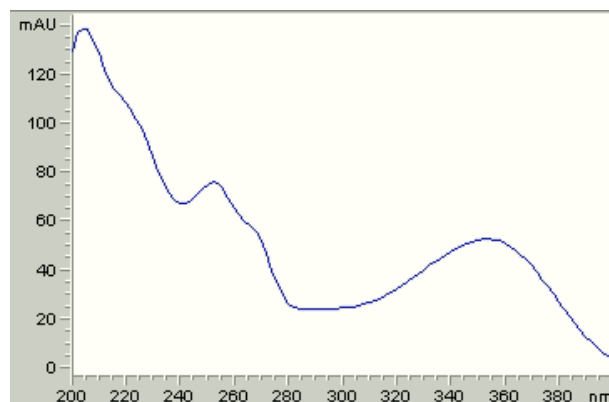


Figure S13. UV spectrum of compound **12**
(quantified using **rutin** calibration)

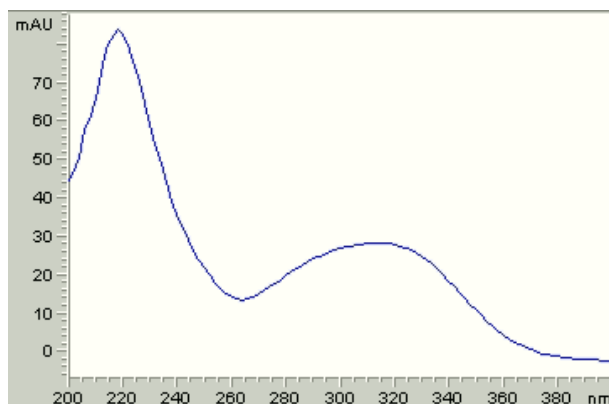


Figure S14. UV spectrum of compound **13**
(quantified using **asperuloside** calibration)

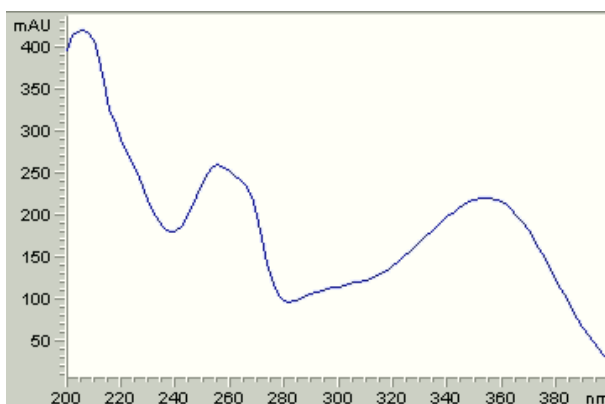


Figure S15. UV spectrum of compound **14**
(identified as **rutin** using a standard compound)

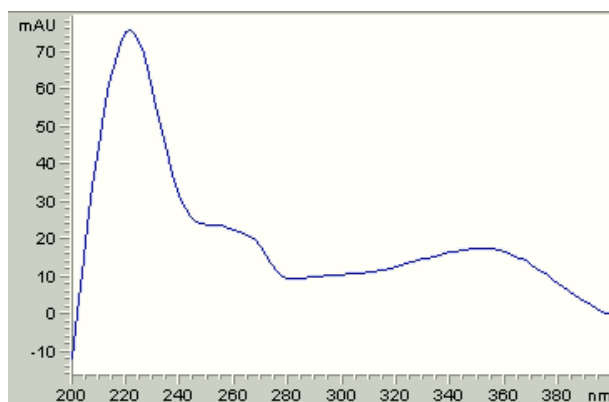


Figure S16. UV spectrum of compound **15**
(quantified using **rutin** calibration)

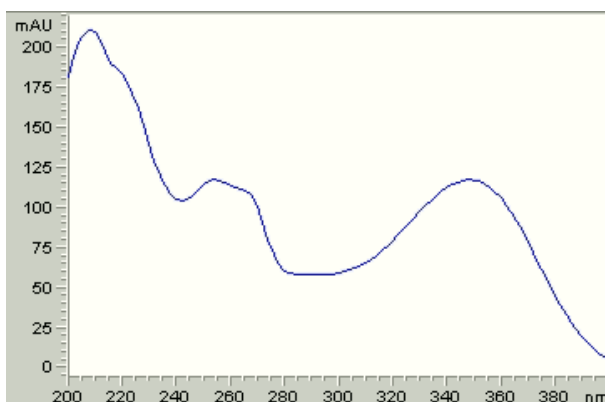


Figure S17. UV spectrum of compound **16**
(quantified using **rutin** calibration)

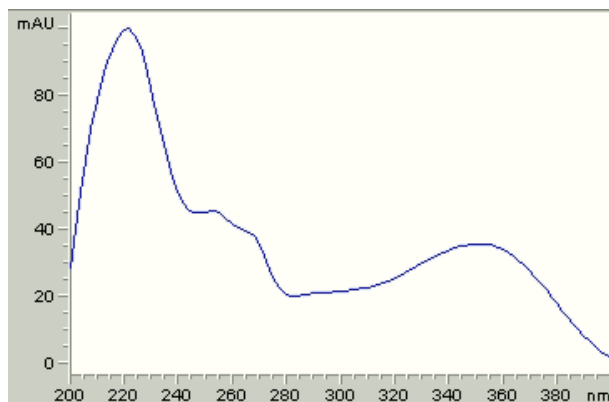


Figure S18. UV spectrum of compound **17**
(quantified using **rutin** calibration)

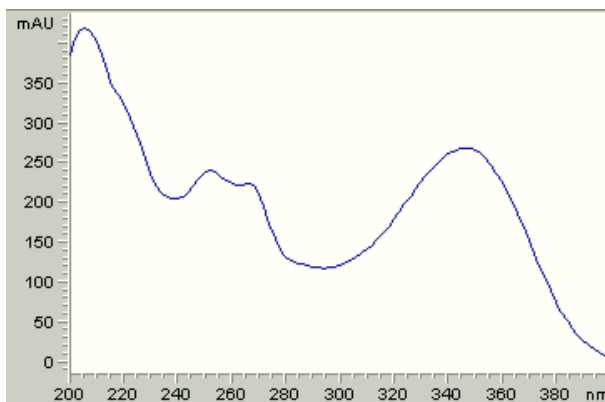


Figure S19. UV spectrum of compound **18**
(quantified using **rutin** calibration)

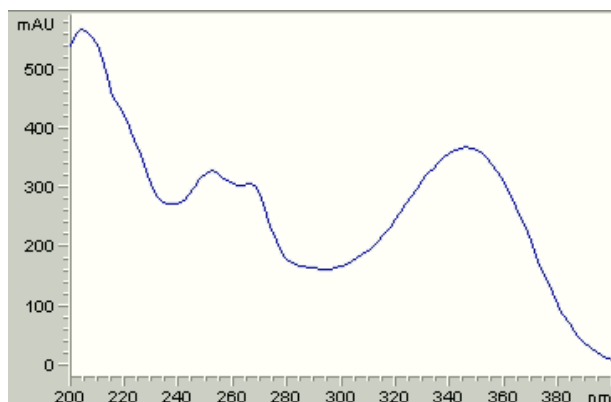


Figure S20. UV spectrum of compound **19**
(quantified using **rutin calibration**)

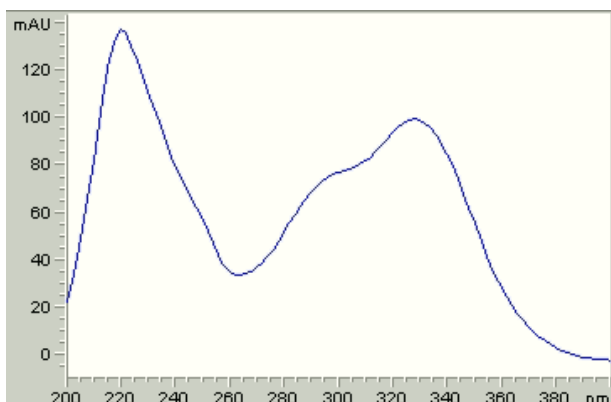


Figure S21. UV spectrum of compound **20**
(quantified using **neochlorogenic acid calibration**)

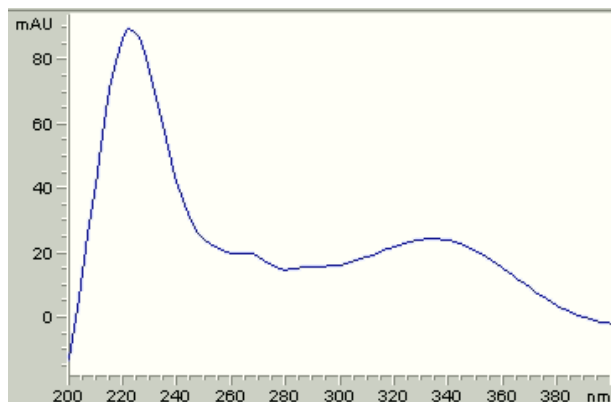


Figure S22. UV spectrum of compound **21**
(quantified using **rutin calibration**)

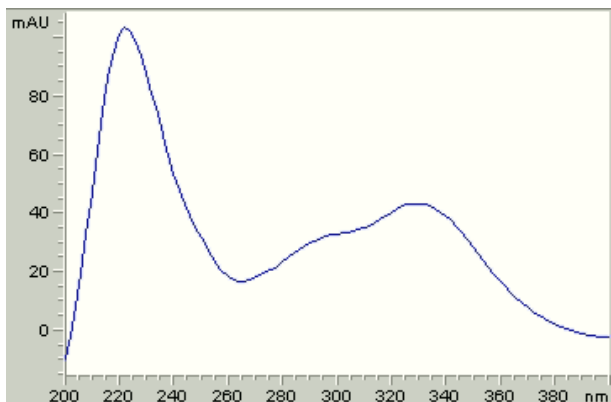


Figure S23. UV spectrum of compound **22**
(quantified using **neochlorogenic acid calibration**)

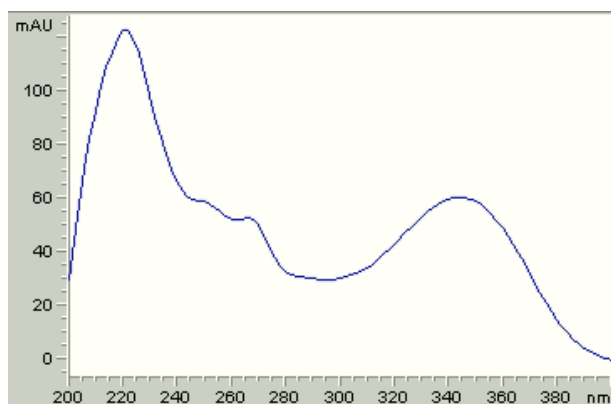


Figure S24. UV spectrum of compound **23**
(quantified using **rutin calibration**)

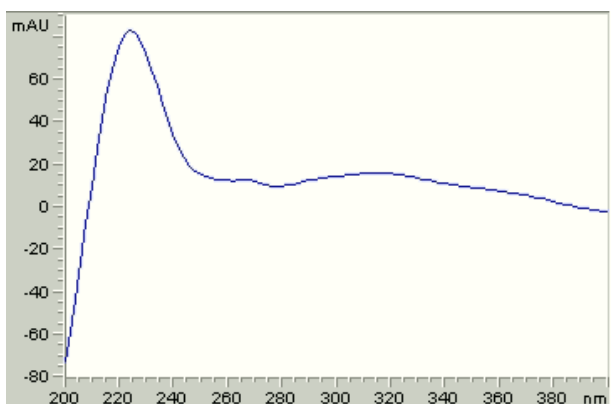


Figure S25. UV spectrum of compound **24**
(quantified using **quercetin calibration**)

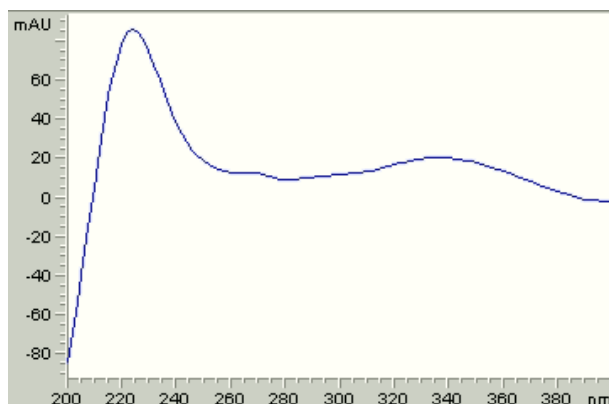


Figure S26. UV spectrum of compound **25**
(quantified using **quercetin calibration**)

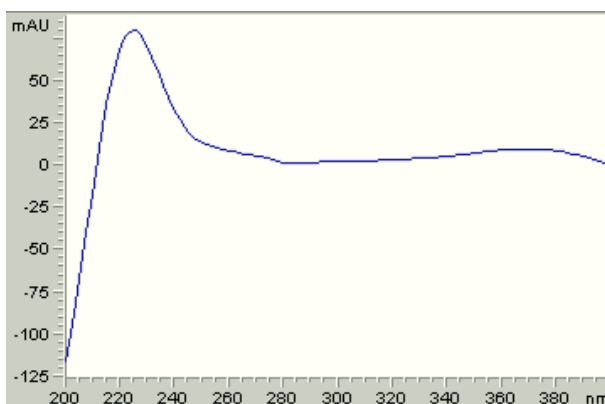


Figure S27. UV spectrum of compound **26**
(identified as **quercetin** using a standard compound)

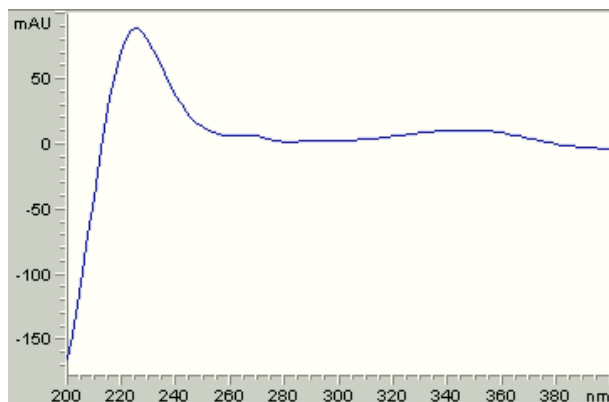


Figure S28. UV spectrum of compound **27**
(quantified using **quercetin calibration**)

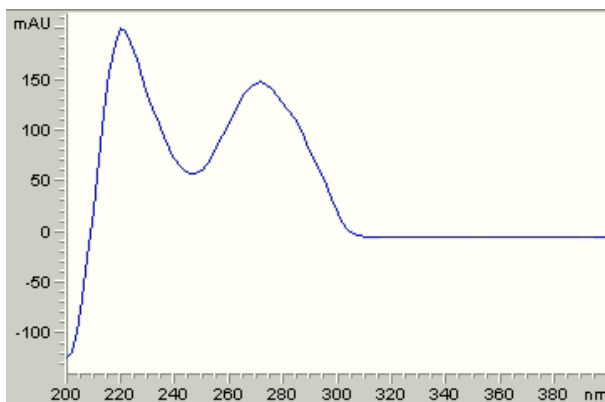


Figure S29. UV spectrum of compound **28**
(internal standard **bicalutamide**)