

Název: **Electrochemical analysis of Etoposid**

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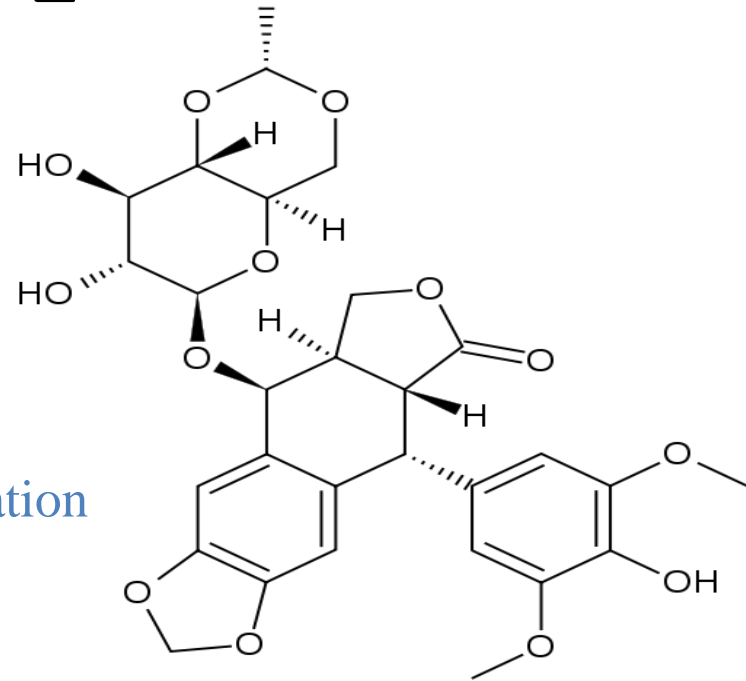


**CONCLUSION**

# ETOPOSIDE

❖ Anticancer drug

❖ Causes DNA strands break due to complex formation  
With DNA and topoisomerase II enzyme.



# **METHOD**

# Method

- Automatic electrochemical detection with solid electrode (black machine) was used for detection of etoposide.
  
- Differential pulse voltammetry method was used for electrochemical detection of etoposide.

# **RESULT AND DISCUSSION**

# Result and discussion

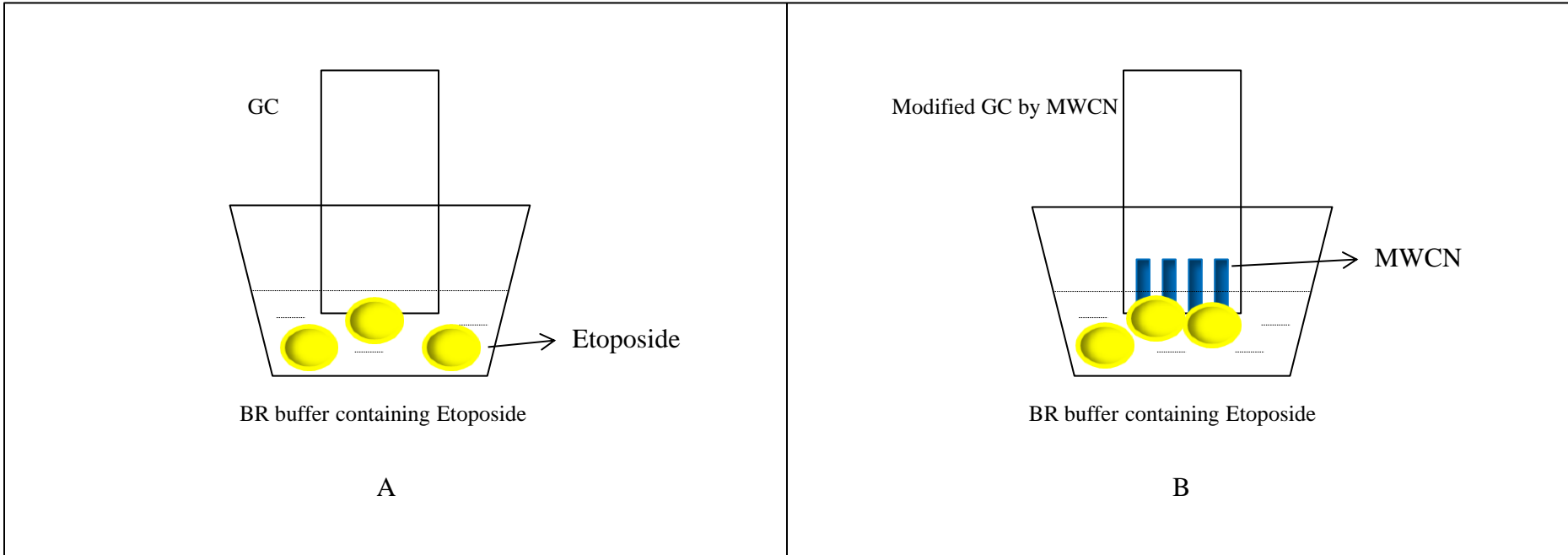
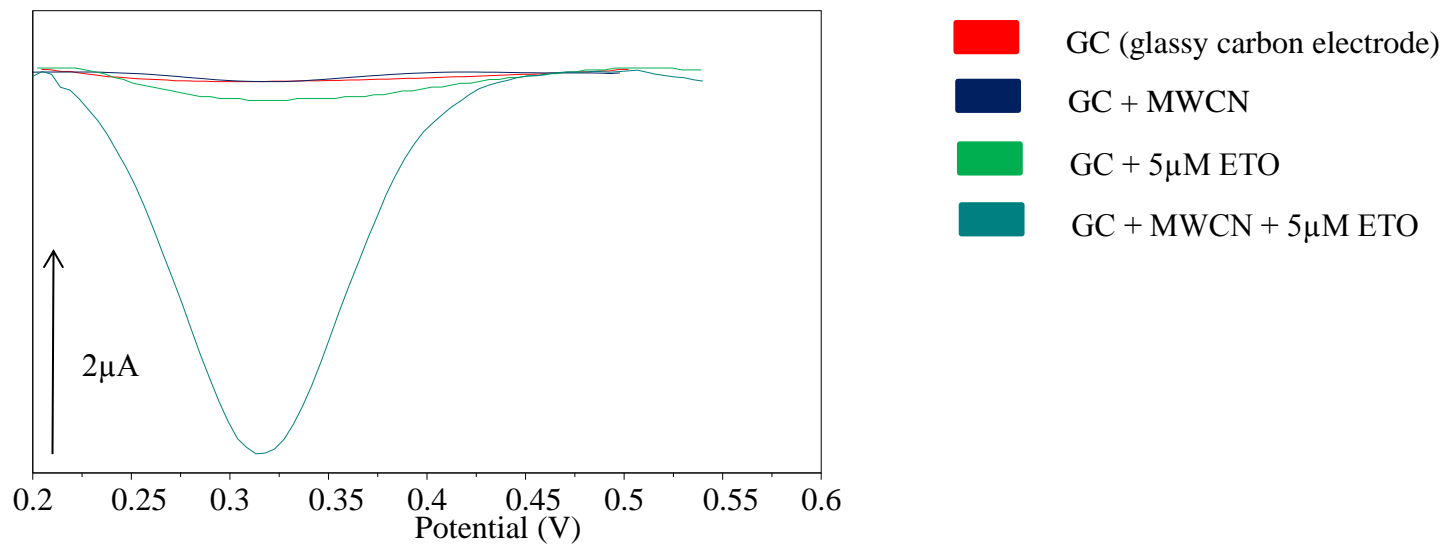


Figure.1: Comparison between two method for detection of Etoposide

# Result and discussion



**Fig. 2:** Electrochemical detection of Etoposide



# Conclusion

- MWCN can be used with the purpose of increasing signal of etoposide in electrochemical detection.

# Thanks to

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INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

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Thank you for your attention!

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