Computer Applications

ImageJ 11

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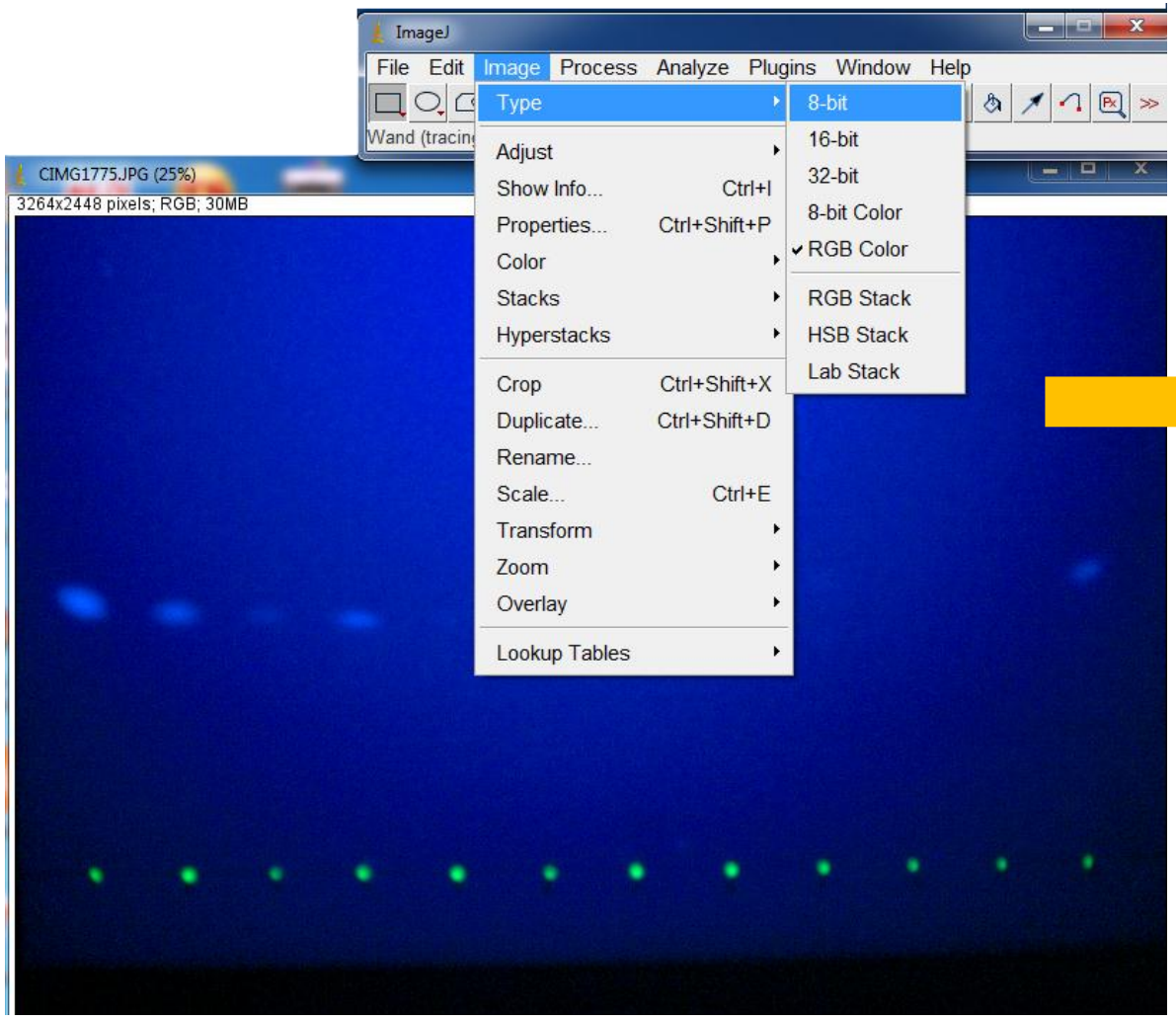
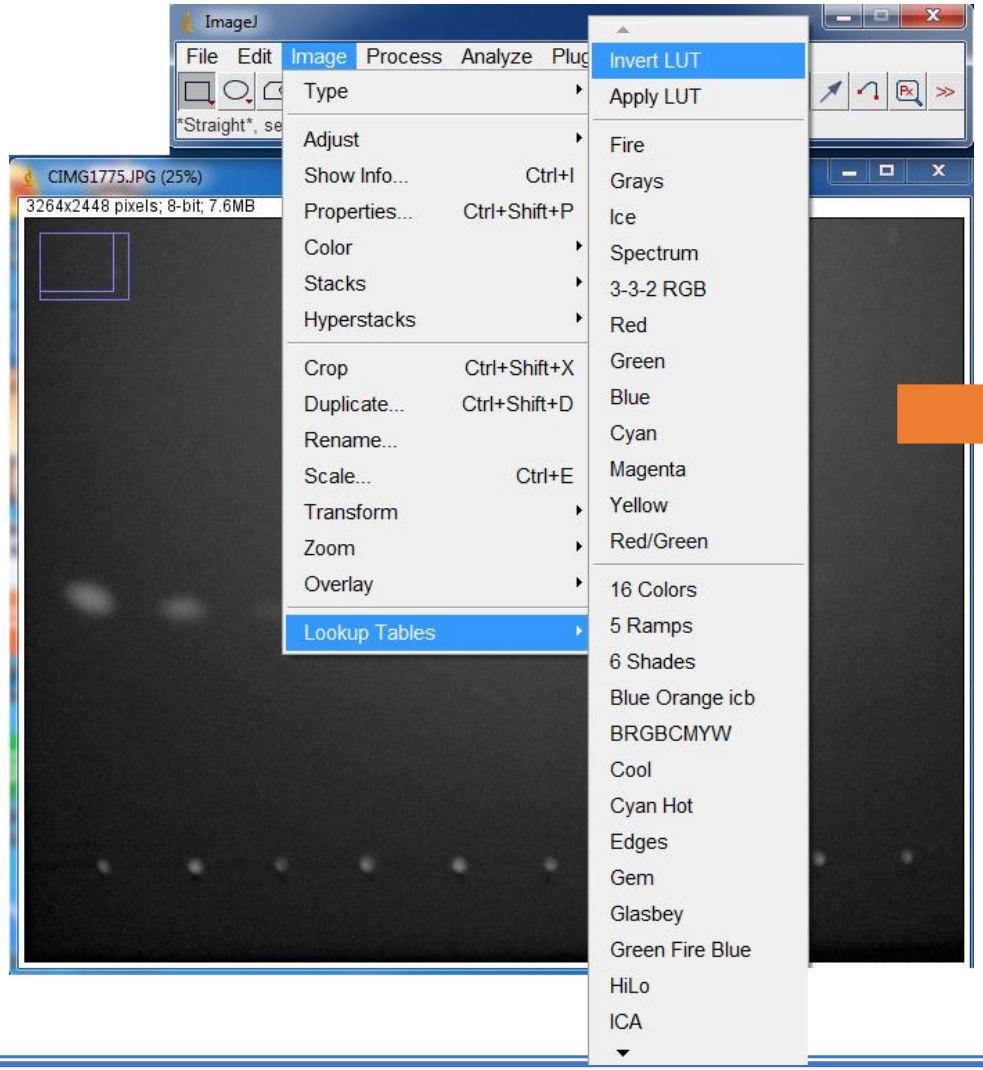
Gel analysis

❖open Image >> convert to 8-bit gray scale



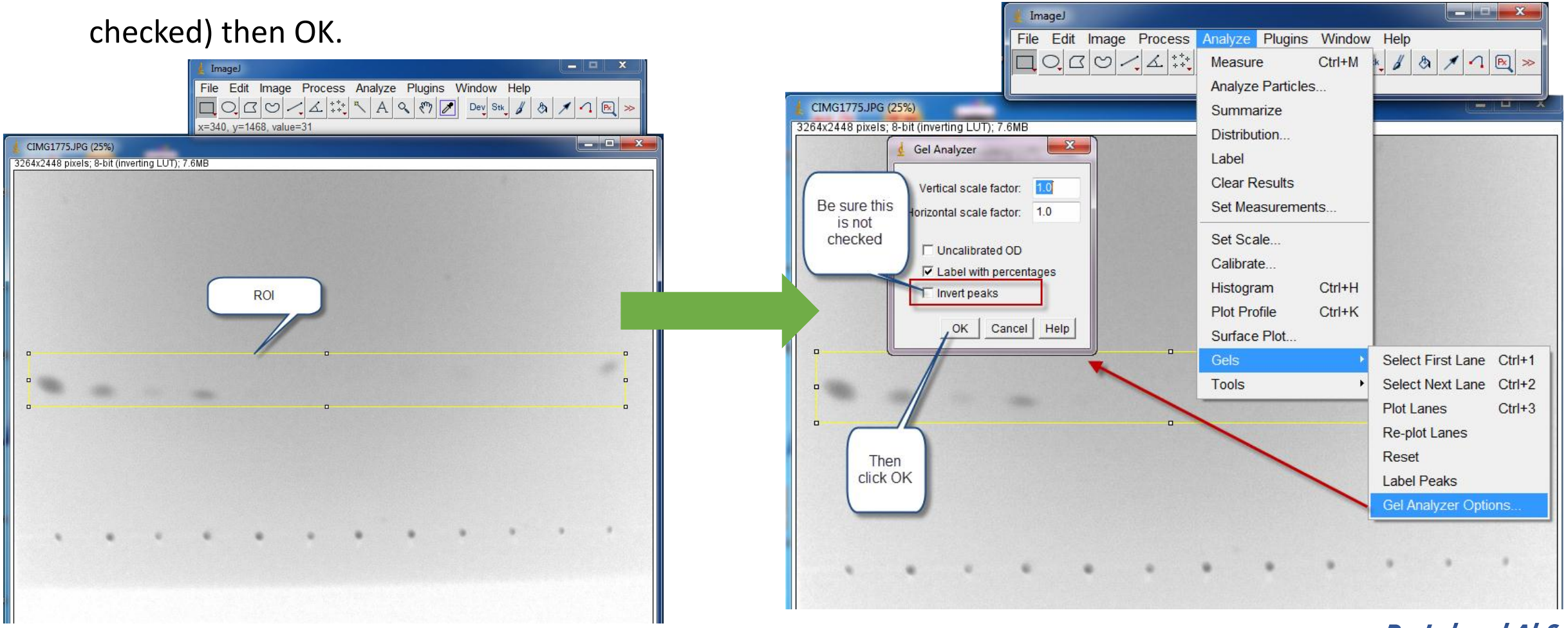
Gel analysis

❖Go to Image >> Lookup tables >> Invert LUT (This will convert image to a negative image)



Gel analysis

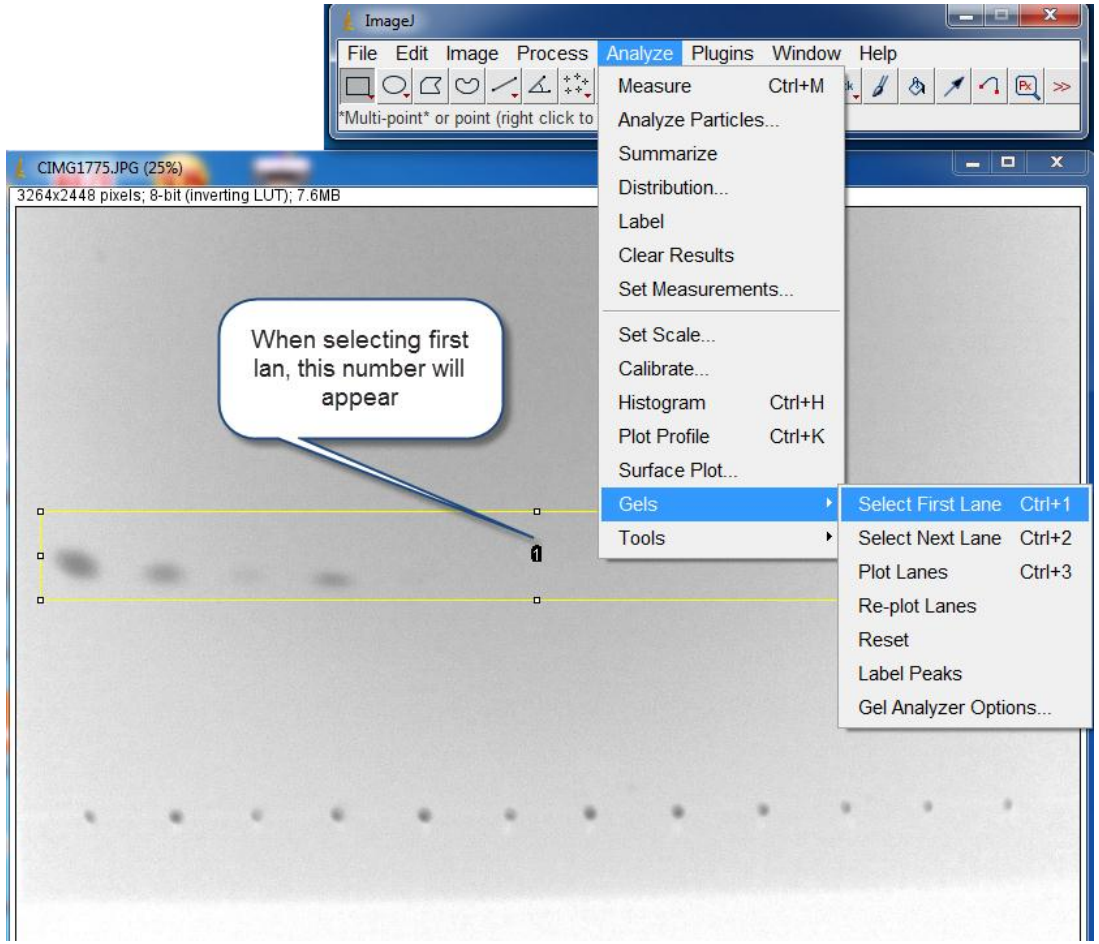
- Use rectangular tool to highlight ROI (Region of interest).
- Go to Analyze >> Gels >> Gel Analyzer options >> new window ill appears (be sure Invert peaks is not checked) then OK.

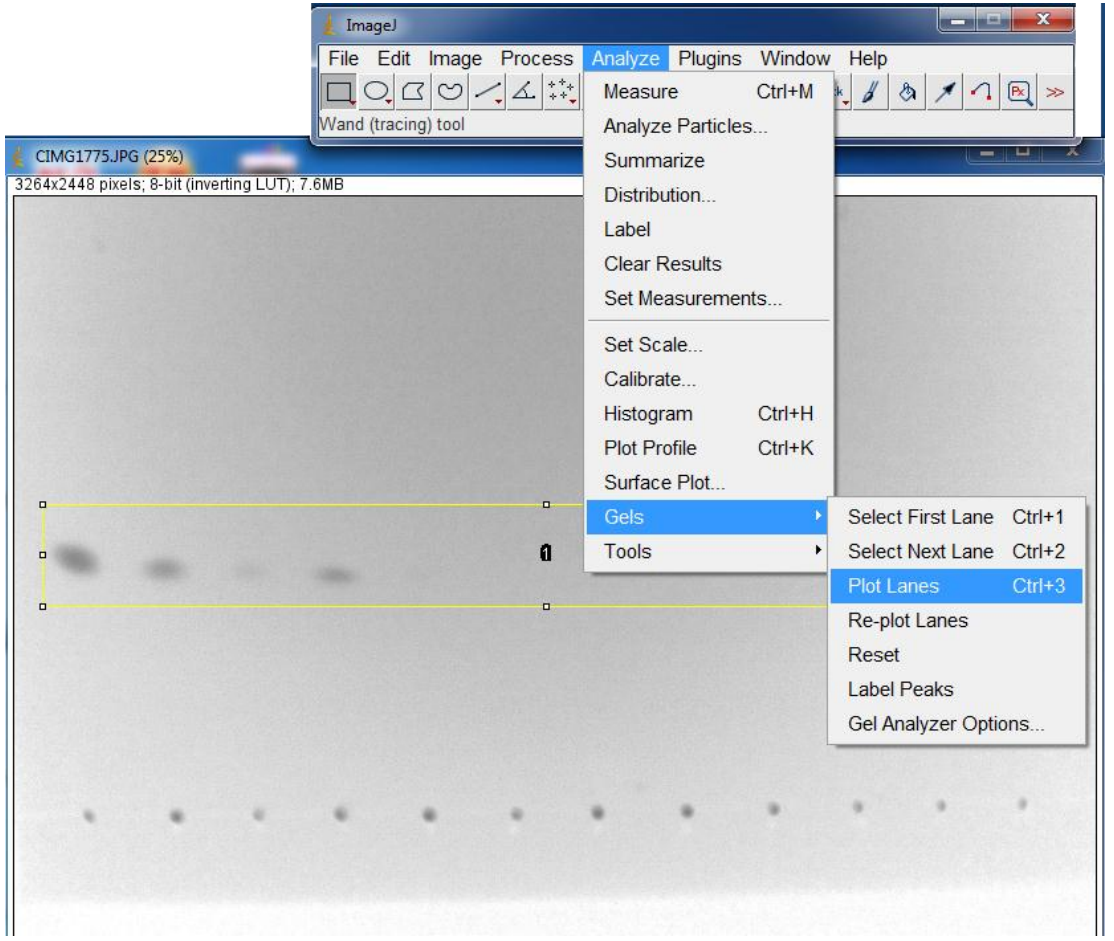


Gel analysis

- Go to Analyze >> Gels >> select first lane

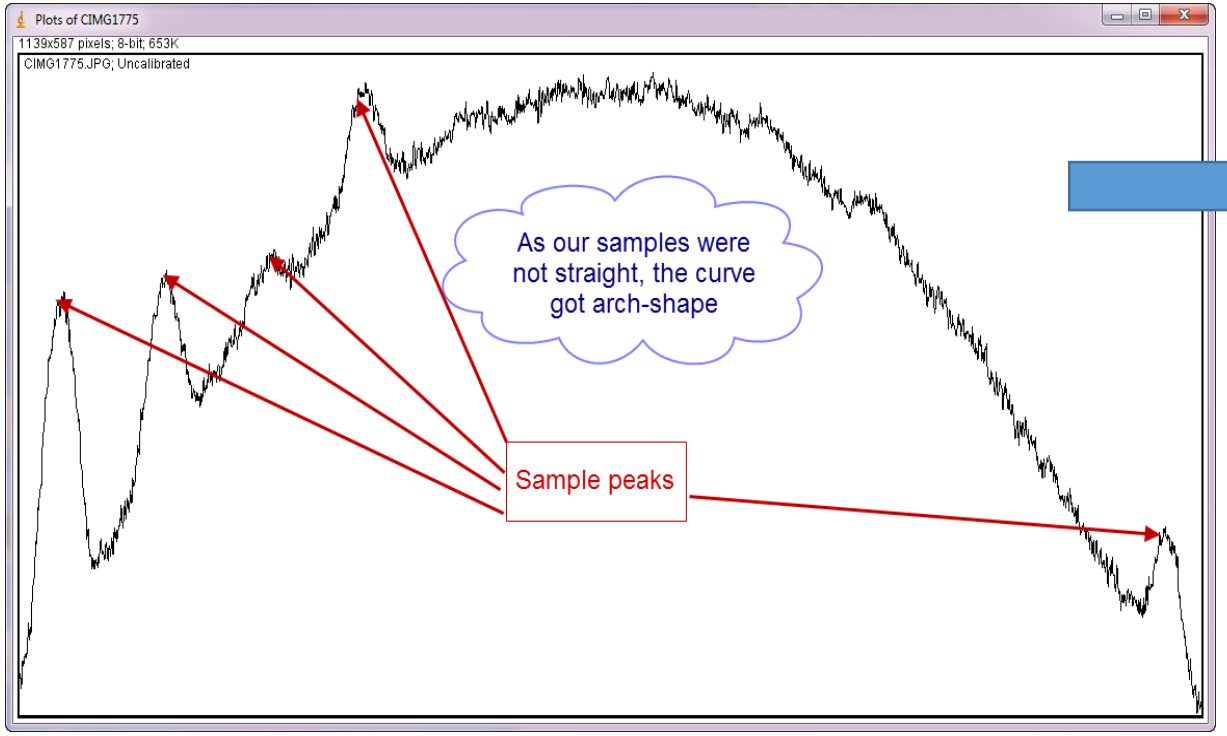
- Go to Analyze >> Gels >> Plot lanes

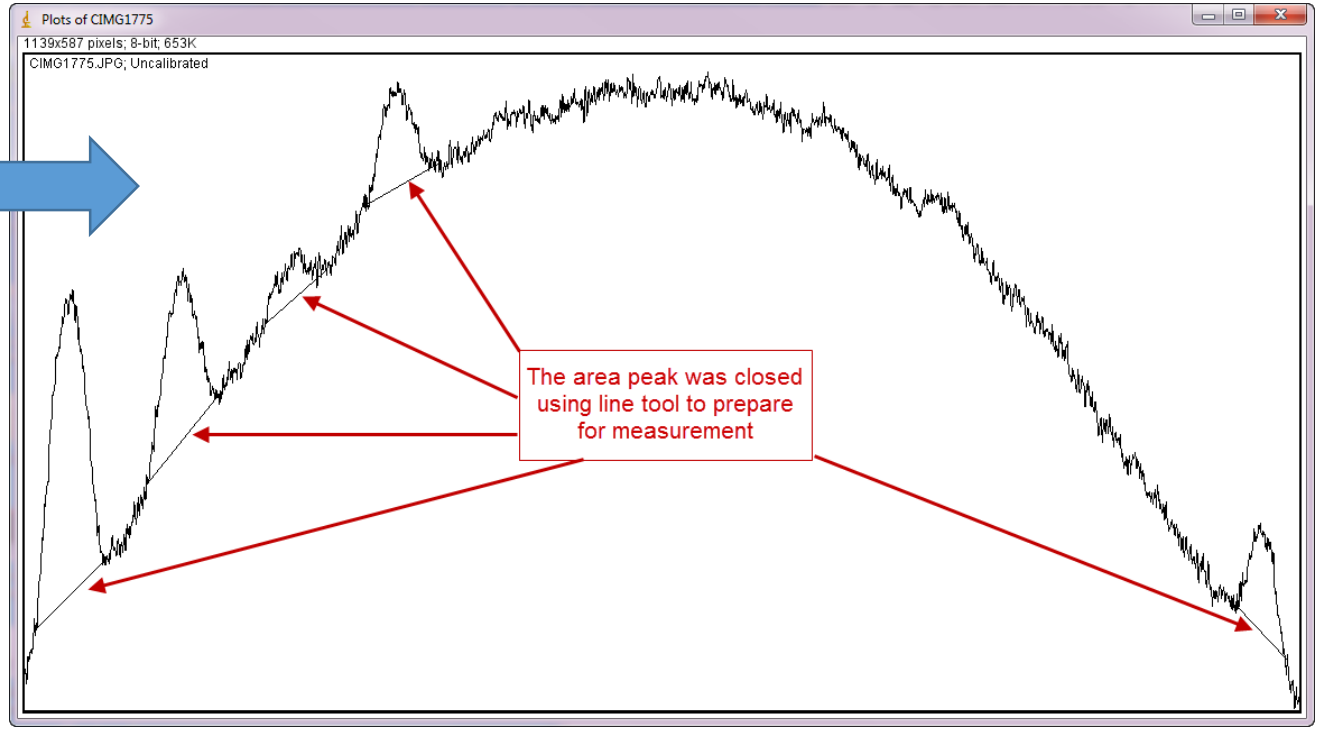


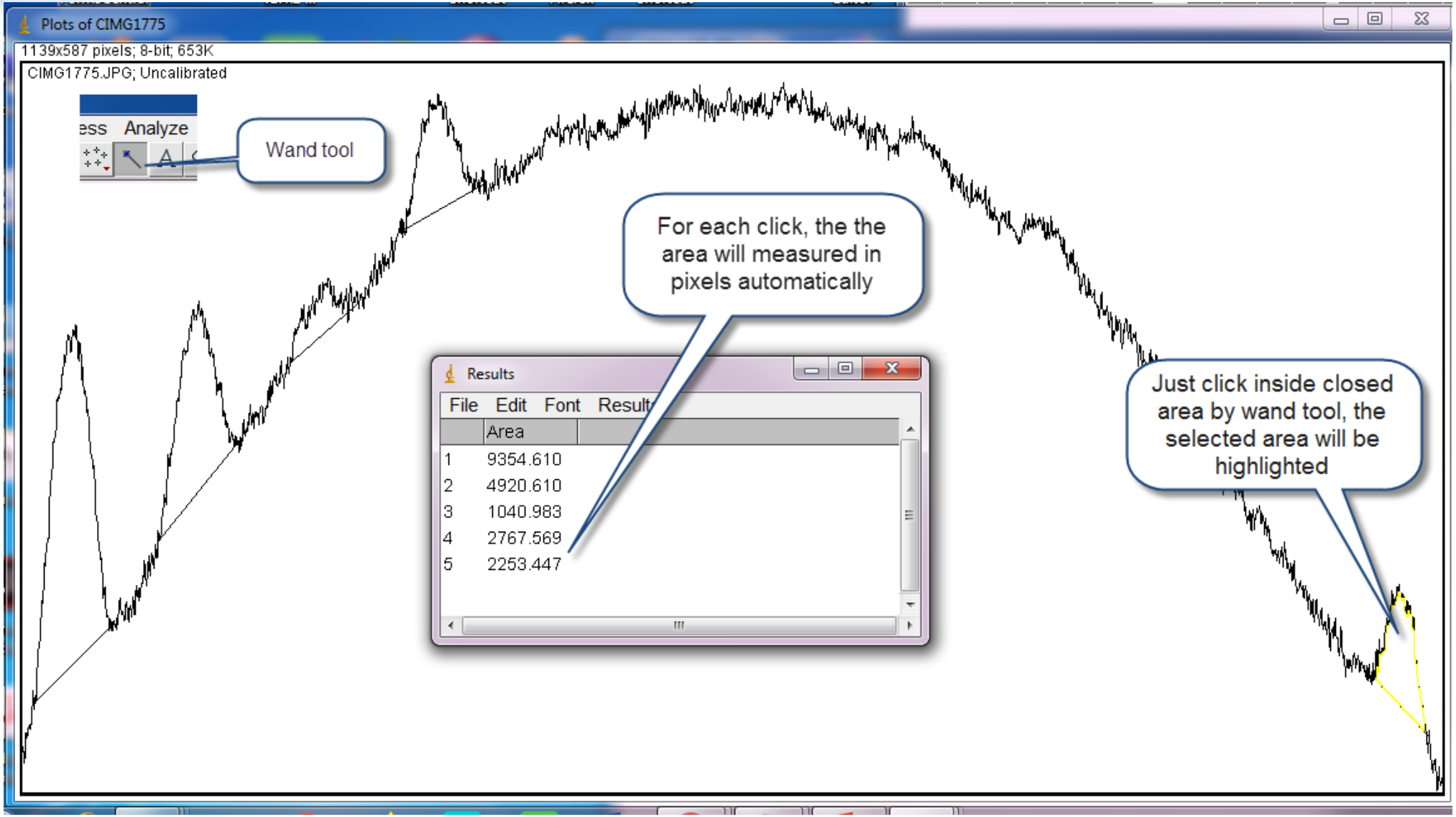


Gel analysis

❖Use line tool to close the peaks area





Gel analysis

- To measure the area under peak use wand tool to select it and the area will appears in the results window.