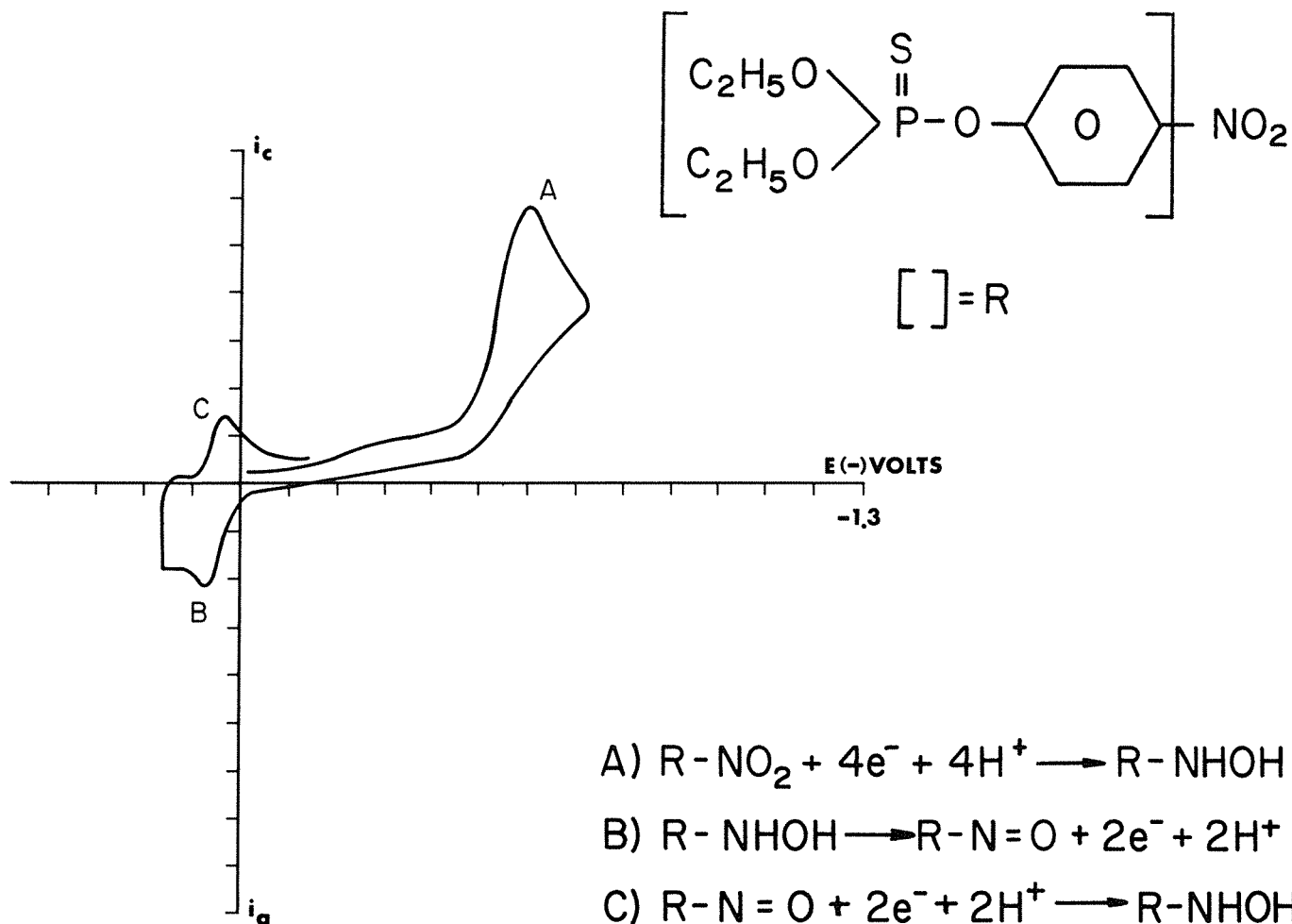


# CV NOTES

## PARATHION



SAMPLE: Parathion  
 MEDIUM: 50% IM Acetate, pH 4  
 50% Ethanol  
 CONC: 0.05 mg/mL  
 RATE: 200 mV/sec  
 ELECTRODE: Hg film on Au  
 REFERENCE: RE-1, Ag/AgCl/3M KCl  
 MODEL: CV-1A

Parathion is an important agricultural insecticide. Like many other insecticides, parathion is toxic to higher animals as well as insects.

Parathion gives a voltammogram that is representative of a large class of electro-reducible nitro compounds. The two step reduction pathway proceeds as illustrated above.



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