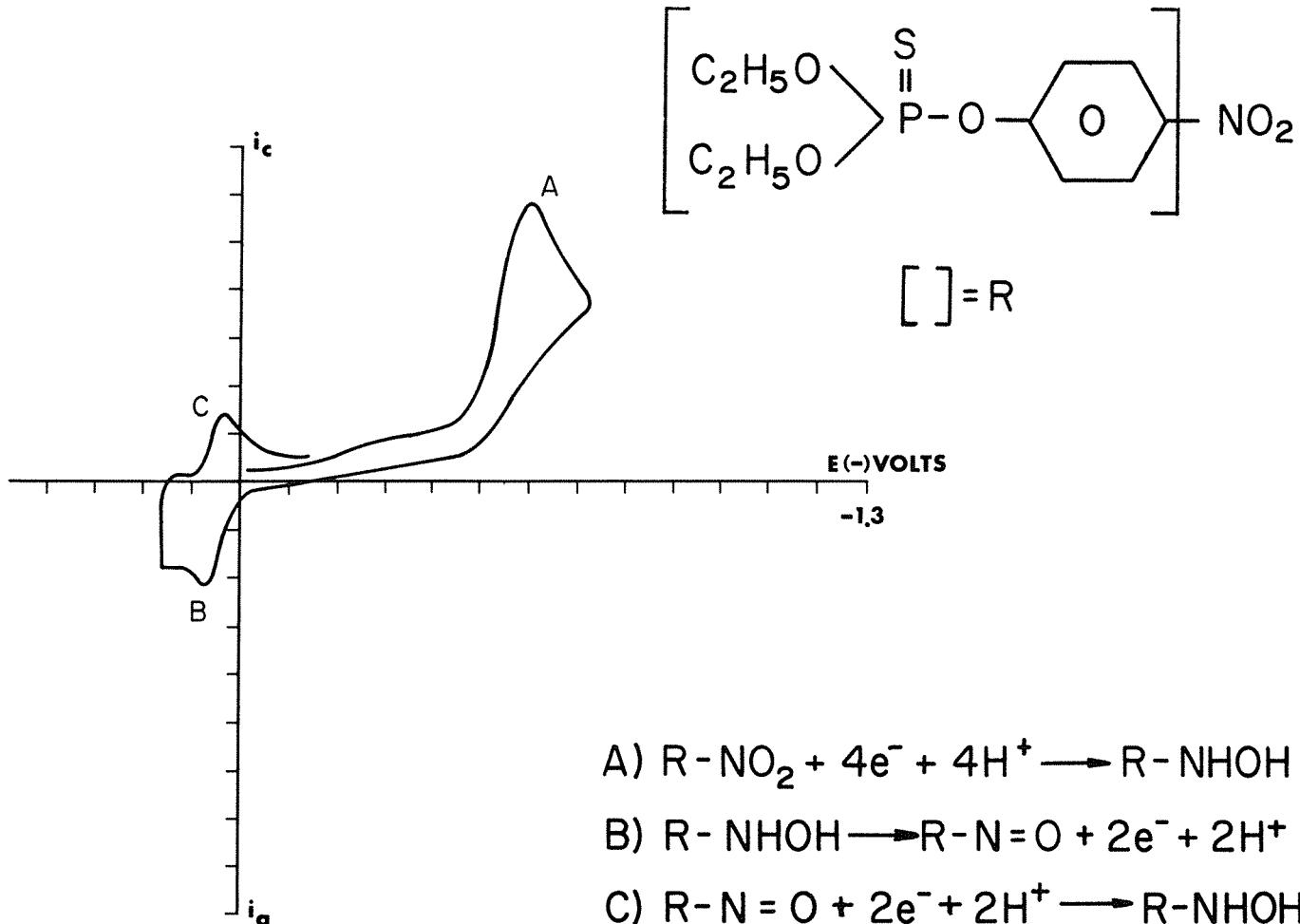


C V N O T E S

PARATHION



SAMPLE: Parathion

MEDIUM: 50% IM Acetate, pH 4  
50% Ethanol

CONC: 0.05 mg/mL

RATE: 200 mV/sec

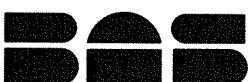
ELECTRODE: Hg film on Au

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.



2701 Kent Ave  
West Lafayette  
Indiana 47906