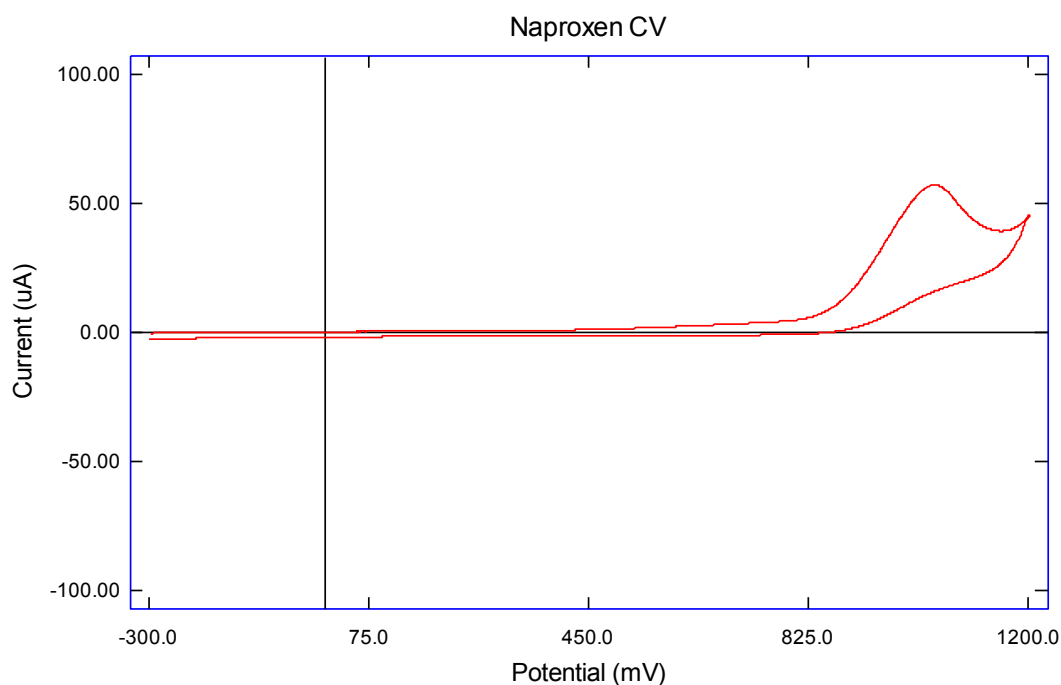


Naproxen

Naproxen is a potent non-steroidal anti-inflammatory, analgesic, and antipyretic drug in widespread clinical use for rheumatism and osteoarthritis. Although it is a hydroxyl-substituted naphthol rather than a simple phenol it has similar CV properties. The readily attainable oxidation potential is probably due to the extended conjugation and may be enhanced by the ring alkyl substitution as well.



Experimental Parameters

Sample:	Naproxen, 2.0 mM
Electrolyte:	40% methanol in 0.1 M acetate buffer at pH 5.0
Scan Rate:	200 mV/s
Working Electrode:	Glassy Carbon, 3.0 mm diameter (MF-2012)
Reference Electrode:	Ag/AgCl in 3 M NaCl (MF-2052)
Counter Electrode:	Platinum wire (MW-1032)
Electrochemical Analyzer:	Epsilon EClipse (EF-1031)
Cell Stand:	C-3 Cell Stand (EF-1085)