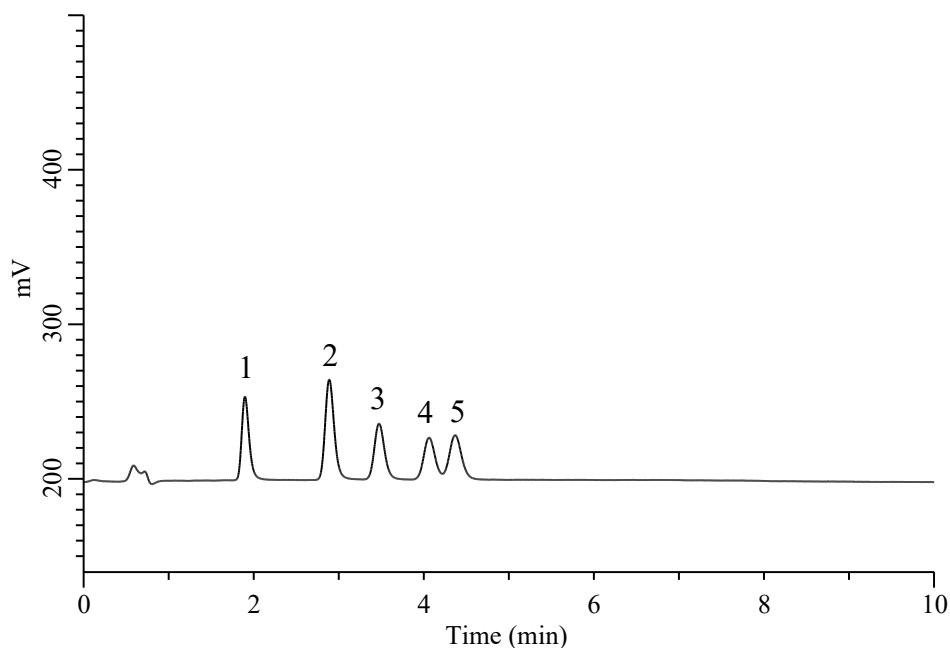


Analysis of Phenols (Electrochemical Detection)



Conditions

System : Primaide (HITACHI)
Column : InertSustain C18 (GL Sciences Inc.)
(3 μm , 50 x 4.6 mm I.D.)
Column Cat. No. : 5020-07442
Eluent : 0.1 % H_3PO_4 in ($\text{CH}_3\text{CN}/\text{H}_2\text{O} = 30/70$, v/v)
Flow Rate : 1.0 mL/min
Col. Temp. : 40 $^\circ\text{C}$
Detection : ECD 1700 mV vs. Ag/AgCl (ED743, Diamond)
Injection Vol. : 10 μL
Sample : Standard

Analyte:

1.	Phenol	50 $\mu\text{g/L}$
2.	m-Cresol	50 $\mu\text{g/L}$
3.	2-Chlorophenol	50 $\mu\text{g/L}$
4.	4-Chlorophenol	50 $\mu\text{g/L}$
5.	3-Chlorophenol	50 $\mu\text{g/L}$