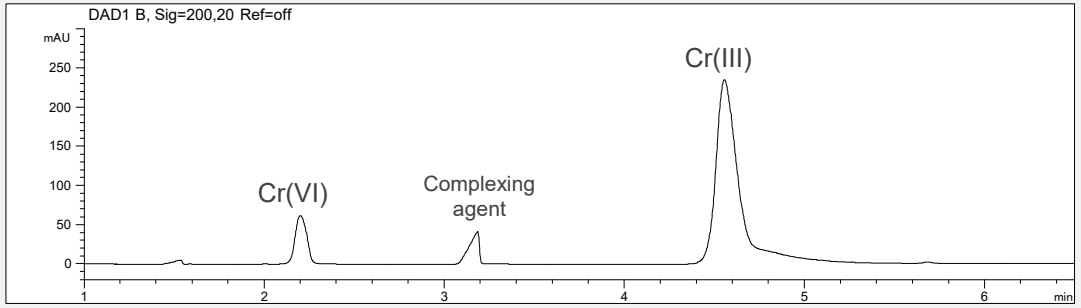
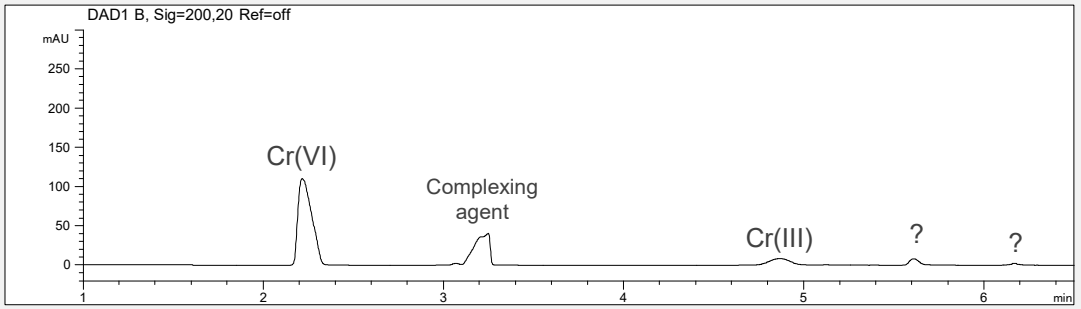
Chrome(VI) and Chrome(III) in electroplating Chrome baths

a) Standard solution: 50 mg/l Chrome(VI) and Chrome(III)

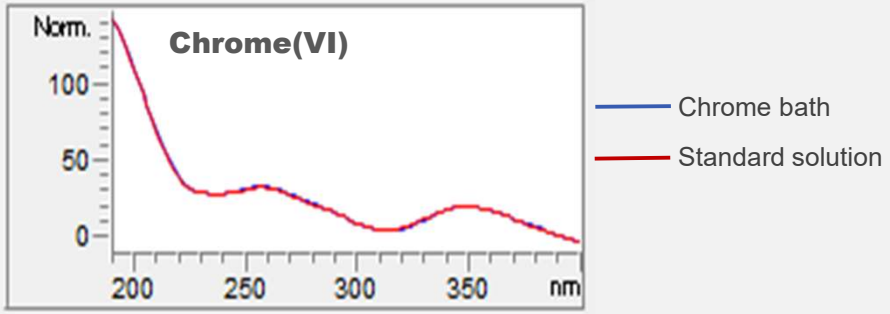


b) Chrome bath, dilution 1:1000

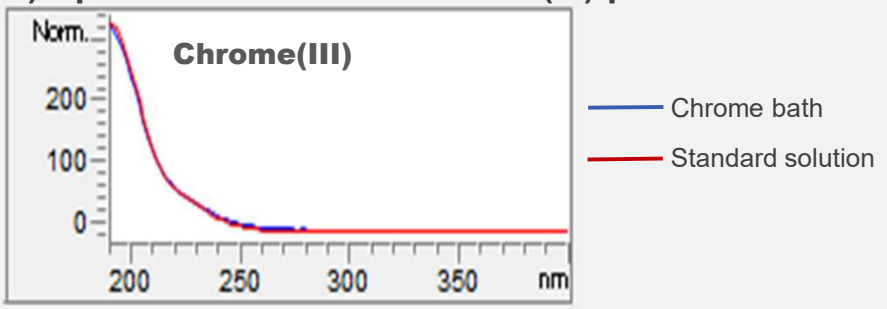


- **Mode: CZE**
- **Electrolyte: Phosphate, laboratory made**
- **Capillary: coated, 50 µm I.D., 56 cm, 64.5 cm total length**

c) Spectral data of the Chrome(VI) peak



d) Spectral data of the Chrome(III) peak



- **Injection: hydrodynamic: 50 mbar, 20 s**
- **Detection: direct UV, 200 nm**
- **Separation: 25°C, -30 kV**

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