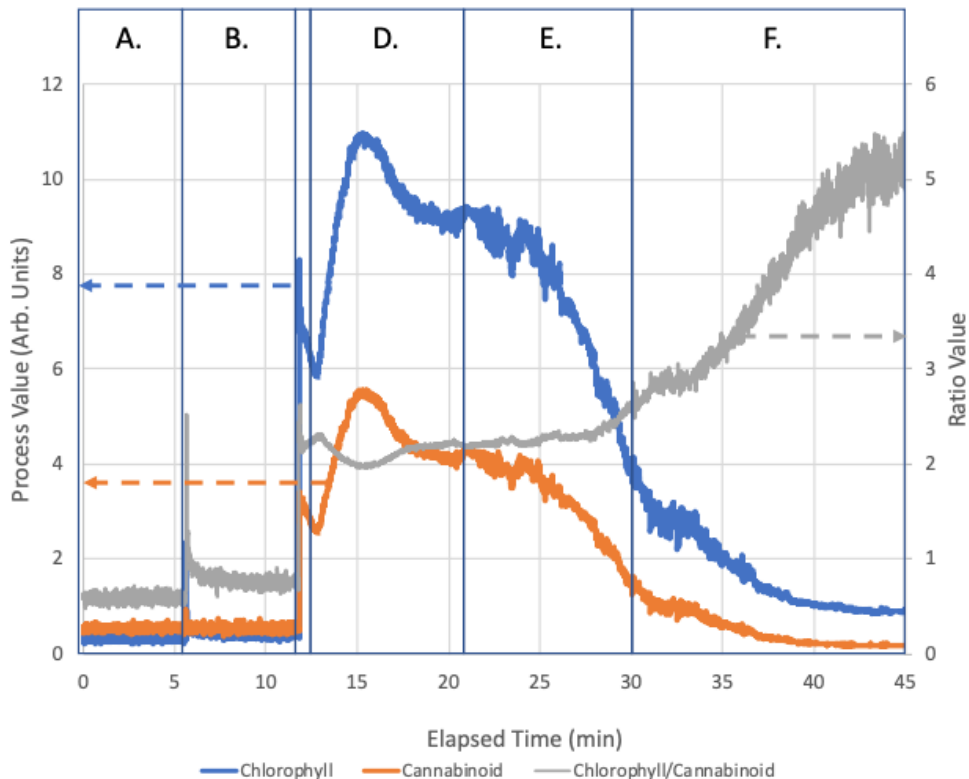




EXTRACTION FINDER

ETHANOL EXTRACTION RUN DATA

C.



A. The extractor was being filled with ethanol

- No flow over sensor; no signal

B. The extractor was agitated then went through a soak cycle

- No flow over sensor; initial signal noise due to mechanical vibrations

C. The flow for recirculation began

- Full flow over sensor; signal spikes then drops after initial fluid flow

D. Extractor recirculated ethanol over system

- Full flow over sensor; signal increases/decreases as Cannabinoid concentration equilibrates and becomes homogeneous in ethanol
- **End point** determined by both Cannabinoid and Chlorophyll signals (and their ratio) becoming stable/unchanging

E. Emptying System using N2 Gas - endpoint detected (solvent saturated)

- Extractor being emptied with nitrogen gas and system no longer chilled; signal of both Cannabinoids and Chlorophyll decrease

F. Extractor reservoir emptied from extractor

- Decrease in both Cannabinoid and Chlorophyll signals; increase in ratio of Chlorophyll to Cannabinoid from system heating (ethanol preferentially extracting Chlorophyll in reservoir)