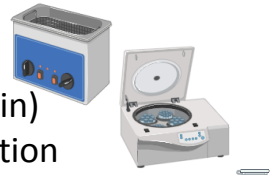
(A)

Crushed and weighted dry plant material



1) UAE (15 min)
2) Centrifugation
3) Remove the supernatant

Residue 1

"Extract 1"

1) UAE (15 min)
2) Centrifugation
3) Remove the supernatant

Residue 2

"Extract 2"

1) UAE (15 min)
2) Centrifugation
3) Remove the supernatant

Residue 3

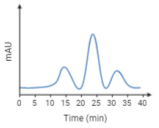
"Extract 3"

Crude Extract

Remove the the solvents

Register the weigh and yield

Store at -20 º C protected from light.



CHEMICAL PROFILE

BIOASSAY

(B)

FRACTIONATION

SPE on C_{18} (40 µm, 100 Â) or similar, for ex., with 1 g of adsorbent or larger

SPE activation with pure organic solvent (e.g. EtOH) and conditionation with the initial eluent

Dilute the sample in the most suitable solvent (or solvent mixture) to obtain a 100 mg/mL sample solution

Transfer the sample solution to SPE cartridge (for ex., 1 mL to cartridge with 1g of adsorbent)

Perform the fractionation (3 Vm of each eluente composition). For ex., 2 mL for cartridges with 1 g of adsorbent.

Collect one fraction by eluent composition

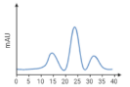
Fractions

Remove the the solvents

Register the weigh and yield

CHEMICAL PROFILE

BIOASSAY



Store at -20 º C protected from light.