

Universal Passive Sampler Design

* The sampler consists of

- sampler body
- receiving phase
- diffusion-limiting membrane
- protective mesh

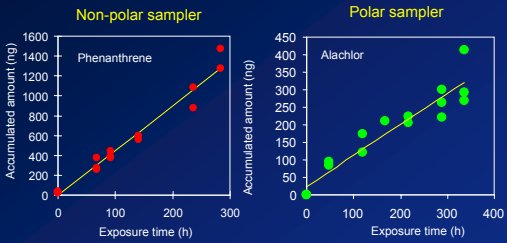


* Sampler configurations

- Non-polar sampler
- Polar sampler
- Metal sampler

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Uptake of selected pollutants



$$M_s(t) = M_0 + C_p R_s t$$

R_s = substance specific sampling rate (L/d)

Uptake of selected pollutants

Metal sampler

