

Supplementary Table 3. Organochlorines and their metabolites for biomonitoring

Organochlorine compound	Metabolites measured for biomonitoring	Common applications or usage
DDT (dichlorodiphenyltrichloroethane)	DDE (dichlorodiphenyldichloroethylene), DDD (dichlorodiphenyldichloroethane)	Agricultural insecticide, malaria control
Lindane (γ-Hexachlorocyclohexane)	γ-Hexachlorocyclohexane (γ-HCH)	Agricultural insecticide, pharmaceutical treatment for lice and scabies
Aldrin	Dieldrin	Soil insecticide, termite control
Heptachlor	Heptachlor epoxide	Agricultural insecticide, cable insulation
Endrin	Endrin aldehyde	Crop insecticide, rodent control
Triclosan	Triclosan	Antibacterial and antifungal agent in personal care products, textiles, kitchenware, furniture, toys, and medical disinfection products
Hexachlorobenzene (HCB)	Hexachlorobenzene (HCB)	Fungicide, wood preservative
Polychlorinated biphenyls (PCBs)	PCB congeners (e.g., PCB-138, PCB-153, PCB-180)	Electrical insulators, heat exchange fluids
Chlorophenols	2,4-Dichlorophenol (2,4-DCP), 2,4,5-Trichlorophenol (2,4,5-TCP), 2,4,6-Trichlorophenol (2,4,6-TCP)	Disinfectants, herbicides, wood preservatives