

Supplementary Material (SM)

Assessment of Organophosphorus Pesticide Residues in Water and Sediment Collected from the Southern Caspian Sea

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SM 1 Mean concentrations (mg L⁻¹, ±SD) of diazinon, malathion and azinphos-methyl pesticides in water samples collected from five estuaries along the Caspian Sea

		Sefidrud	Chalus	Babolrud	Tajan	Gorganrud
Diazinon	Mean	0.04 ± 0.03	0.07 ± 0.06	0.07 ± 0.04	0.08 ± 0.06	0.05 ± 0.04
	Range	0.0–0.03	0.0–0.04	0.01–0.07	0.01–0.06	0.0–0.04
Malathion	Mean	0.04 ± 0.03	0.07 ± 0.06	0.09 ± 0.05	0.09 ± 0.06	0.06 ± 0.04
	Range	0.0–0.04	0.0–0.04	0.02–0.06	0.02–0.07	0.01–0.04
Azinphos-methyl	Mean	0.04 ± 0.02	0.06 ± 0.04	0.1 ± 0.08	0.1 ± 0.07	0.04 ± 0.03
	Range	0.0–0.04	0.01–0.03	0.01–0.06	0.03–0.06	0.01–0.04

SM 2 Mean concentrations (mg kg⁻¹, ±SD) of diazinon, malathion and azinphos-methyl pesticides in sediment samples collected from five estuaries along the Caspian Sea

		Sefidrud	Chalus	Babolrud	Tajan	Gorganrud
Diazinon	Mean	0.03 ± 0.01	0.04 ± 0.01	0.05 ± 0.01	0.04 ± 0.01	0.04 ± 0.00
	Range	0.1–0.04	0.1–0.05	0.02–0.07	0.02–0.06	0.02–0.06
Malathion	Mean	0.03 ± 0.01	0.04 ± 0.01	0.04 ± 0.02	0.05 ± 0.01	0.03 ± 0.01
	Range	0.1–0.05	0.1–0.06	0.03–0.06	0.01–0.06	0.01–0.05
Azinphos-methyl	Mean	0.04 ± 0.01	0.04 ± 0.01	0.06 ± 0.02	0.06 ± 0.02	0.02± 0.01
	Range	0.1–0.06	0.01–0.06	0.03–0.08	0.04–0.06	0.02–0.05