

Table 2 Concentration of Organochlorine pesticides and polychlorinated biphenyls (PCBs) in marine Biota across the world

Location	Component	Concentration		Reference
Baltic Sea	Blue mussels, (<i>Mytilus trossulus</i>)	DDT	0.0112 $\mu\text{g g}^{-1}$ w.w.	Potrykus <i>et al.</i> , 2003
		PCBs	0.0223 $\mu\text{g g}^{-1}$ w.w.	
Galapagos	Sea lion (<i>Zalophus wollebaeki</i>)	DDT	1.20–3.10 $\mu\text{g g}^{-1}$	Alava <i>et al.</i> , 2011
Brazil	Guiana dolphins (<i>Sotalia guianensis</i>)	PCBs	25.87 to 66.03 $\mu\text{g g}^{-1}$	Alonso <i>et al.</i> , 2010
		DDTs	16.91 to 55.91 $\mu\text{g g}^{-1}$	
North Atlantic Ocean	Dolphins (<i>Tursiops truncatus</i>)	(PCBs)	0.301 and 33.212 $\mu\text{g g}^{-1}$ ww	Carballo <i>et al.</i> , 2008
		(DDTs),	0.147 and 21.050 $\mu\text{g g}^{-1}$ ww.	
Australia	Killer Whales (<i>Orcinus orca</i>)	DDT	28.4 $\mu\text{g g}^{-1}$	Kemper <i>et al.</i> , 1994
Oregon coast		PCBs	117 $\mu\text{g g}^{-1}$ ww	Hayteas and Duffield, 2000
		p,p-DDE	519 $\mu\text{g g}^{-1}$ w.w.	
		PCBs	276 $\mu\text{g g}^{-1}$ w.w.	
		p,p-DDE	494 $\mu\text{g g}^{-1}$ w.w.	
Belgian North Sea and the Western Scheldt Estuary	Benthic invertebrates	PCB and OCP	0.0015 to 280 $\mu\text{g/g}$ ww	Voorspoels <i>et al.</i> , 2004
	Goby	PCB and OCP	0.00027 to 0.023 $\mu\text{g g}^{-1}$ ww	
	Fish (liver)	PCB	0.020 to 3.200 $\mu\text{g g}^{-1}$ ww	
		OCP	0.006 to 0.410 $\mu\text{g g}^{-1}$ ww	
The East China Sea	Deep-sea fishes	PCBs	0.036–1.40 $\mu\text{g g}^{-1}$ lipid wt.	Tanabe <i>et al.</i> , 2005
		DDTs	n.d.–7.90 $\mu\text{g g}^{-1}$ lipid wt.	
Tosa Bay		PCBs	0.340 (n.d.–1.600) $\mu\text{g g}^{-1}$	Takahashi <i>et al.</i> , 2001
		DDTs	0.290 (0.007–1.20) ($\mu\text{g g}^{-1}$ lipid wt.)	
Off-Tohoku		PCBs	0.350 (n.d.–1.30) ($\mu\text{g g}^{-1}$ lipid wt.)	de Brito <i>et al.</i> , 2002
		DDTs	0.220 (0.014–0.830) ($\mu\text{g g}^{-1}$ lipid wt.)	
Iran	Common carp (<i>Cyprinus carpio</i>)	OCPs	1.680 $\mu\text{g g}^{-1}$ lipid wt.	Davodi <i>et al.</i> , 2011