







Table 1. Levels of selected PCB congeners in liver (L), muscle (M), blubber (F), and faeces (FC) of dugongs (*Dugong dugon*) from Queensland, Australia.

Sample ID #	14			6		13			11	17			60			57		64		41		66
Tissue	L	M	F	L	M	L	M	F	L	M	L	M	F	L	L	FC	F	L	L	F	F	
Location	Hinčinbrook					Townsville						Moreton Bay										
Year	1999			1998		1999			1999	1999			2004			2004		2005		2001		2005
Gender	Male											Female										
Age class	Adult			Immature		Juvenile			Immature	Adult			Adult			Adult		Adult		Adult		
Size	235			117		194			130	220			294.5			265		227		308		320
Lipid %	4.7	2.1	82.8	6.1	1.7	2.5	0.2	8.4	5.4	0.4	2.8	0.2	3.0	5.0	2.7	2.0	42.2	2.6	4.0	89.7	80.3	
PCB 28	643	317	46*	2988	1839	552	2211	707	1967	4387	789	9120	416*	619	4221	9500	295	955	347	171	90	
PCB 52	204	202	125	1313	621	286	1854	306*	784	1413	419	6173	194*	270	1785	3175	1816	306	304	222	109	
PCB 101	191	328	337	976	702	491	3238	310*	504	1521	700	7061	315*	195	1724	1738	1342	384	435	413	138	
PCB 118	137	189	279	533	638	568	2684	1235	431	2462	1691	4589	1137*	273	1022	1239	983	1073	496	846	151	
PCB 153	202	200	1124	428	837	413	7765	2755	438	4349	2247	8430	4954	405	707	1481	1326	1221	893	3041	203	
PCB 138	206	224	450	441	586	896	4225	2494	494	3697	2521	5498	3728	763	775	1622	2049	6342	767	1979	266	
PCB 180	36*	26*	233	66	77	89	1262	653	44	802	587	1413	1792	360	61	1100	264	640	214	1418	50*	

\* - values are < 3 times the blank value

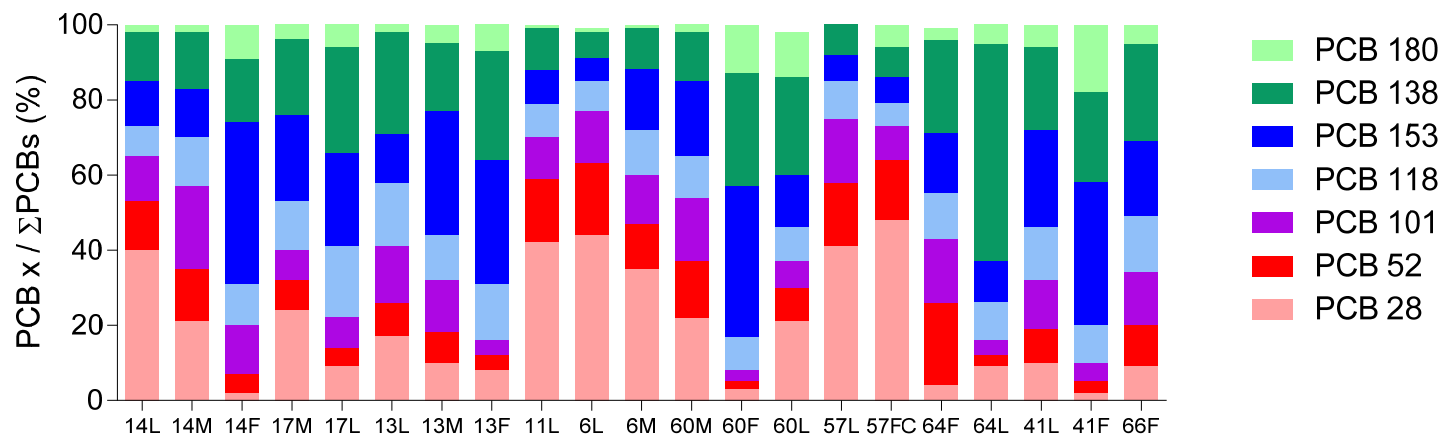


Fig 1. Relative contributions of each PCB congener to the sum of PCBs in several tissues (liver (L), blubber (F), muscle (M) and faeces (FC)) of dugongs from Australia.