

***PCBs in Chinstrap penguins (*Pygoscelis antarcticus*) from Deception Island (South Shetland Islands, Antarctica)***

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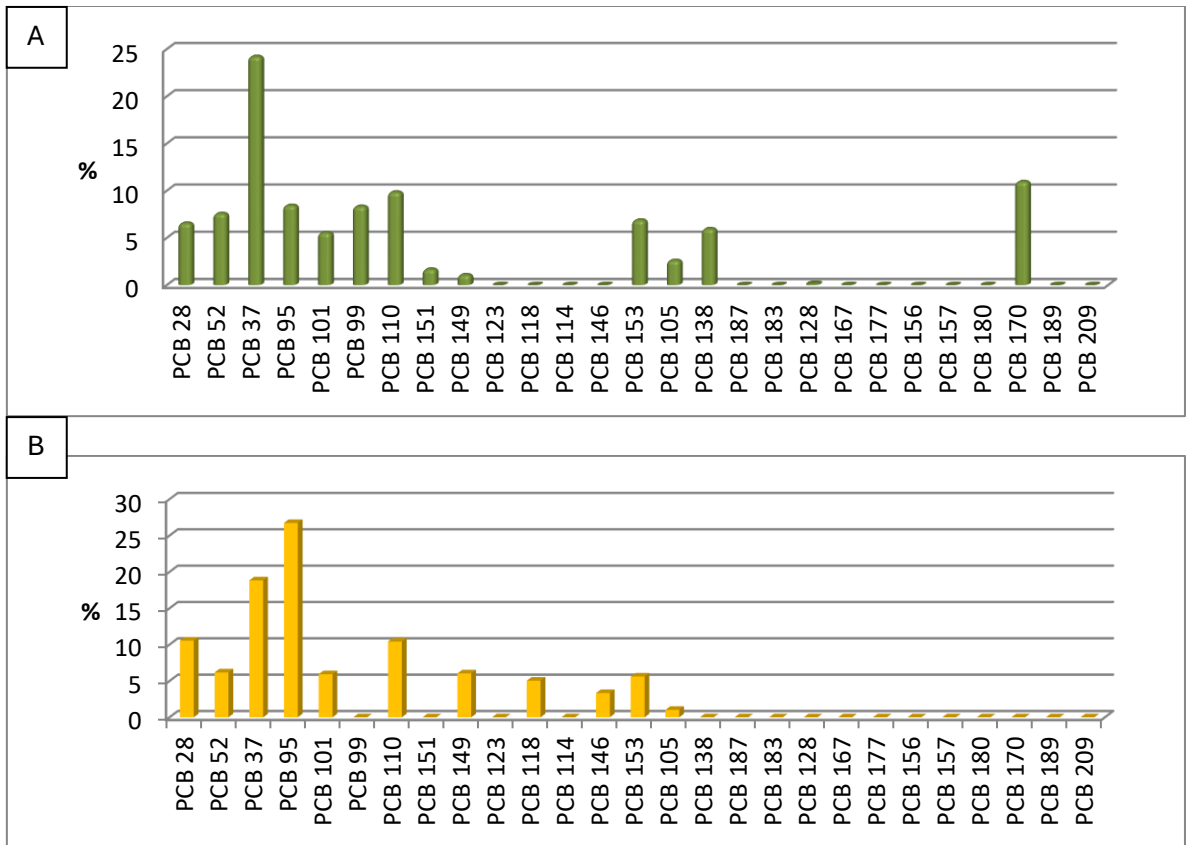
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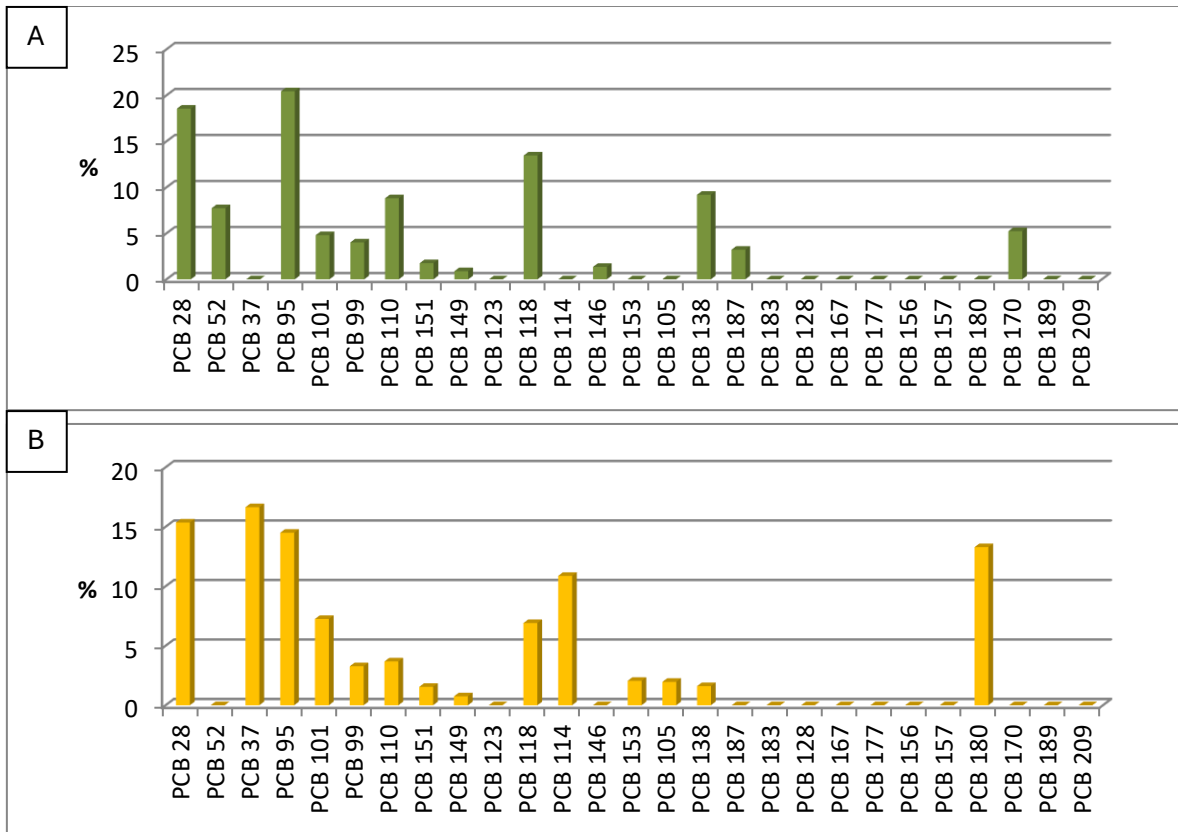
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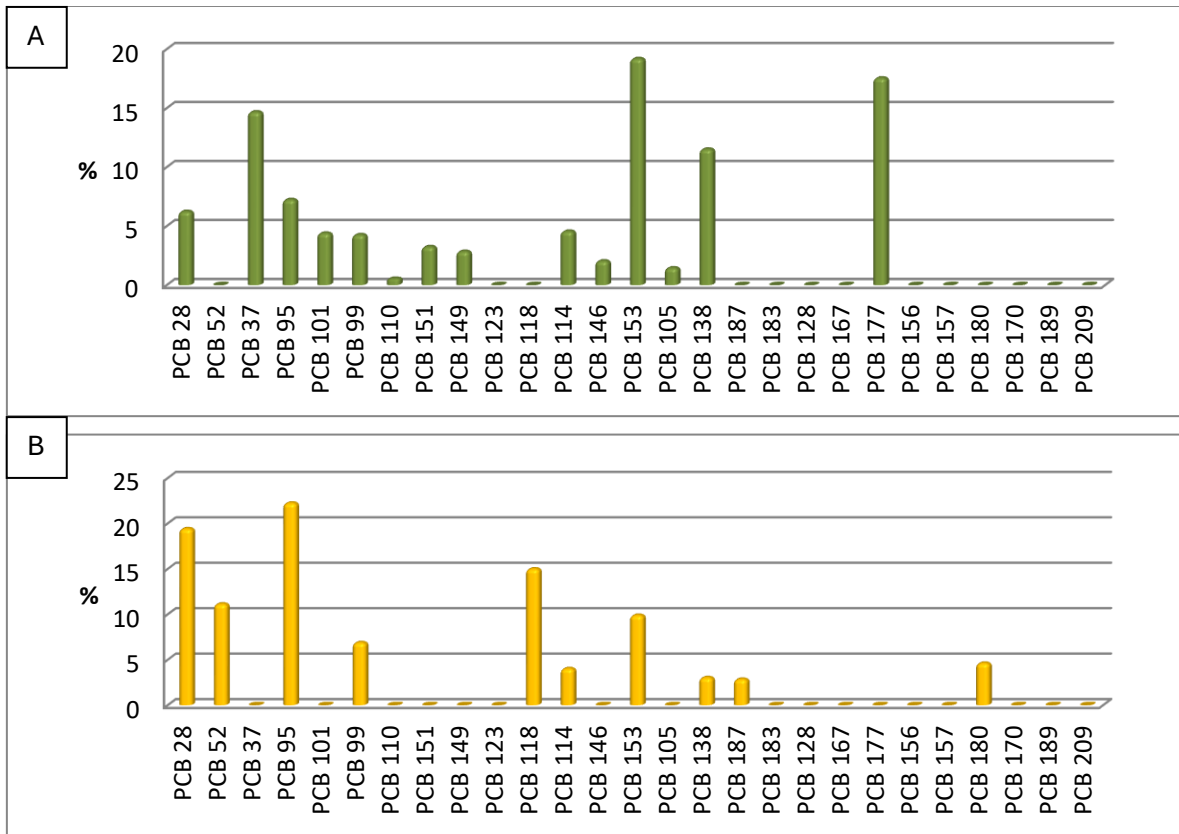
Correspondence: [pam11@um.es](mailto:pam11@um.es)



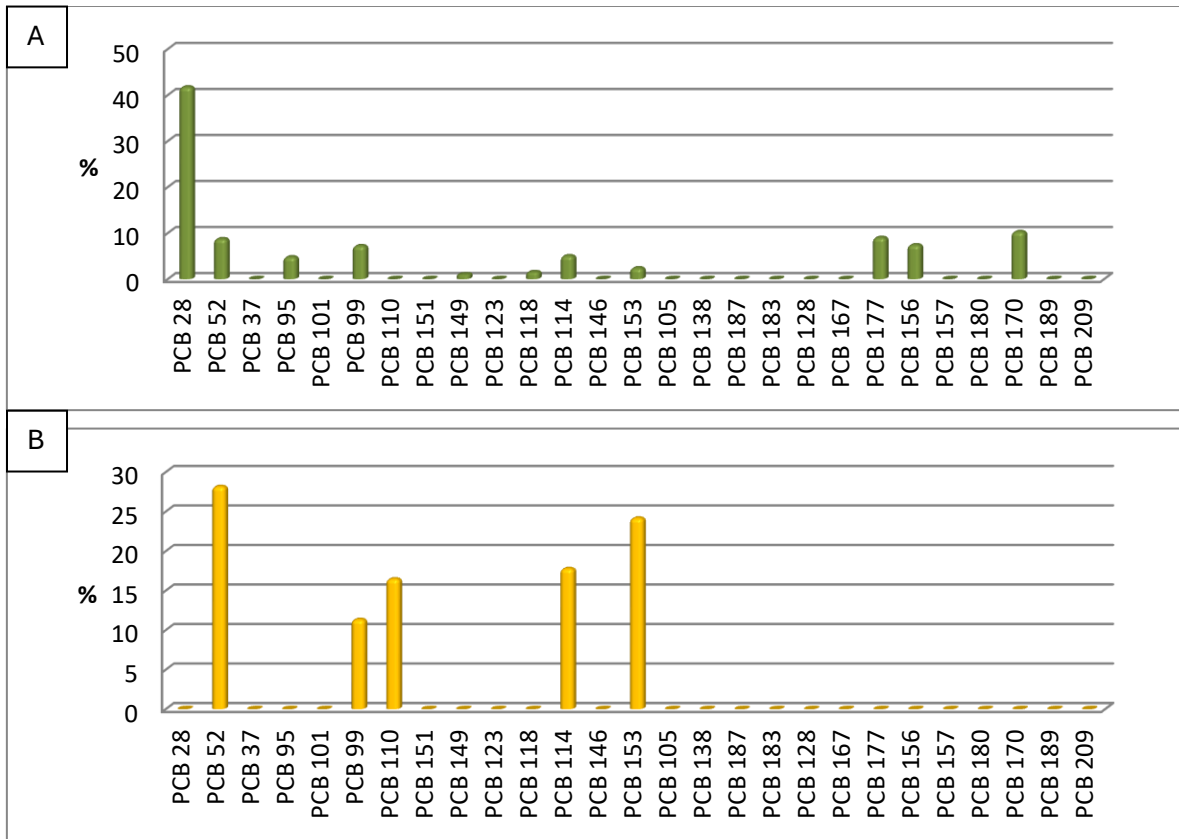
**Figure S1.** Fingerprints in liver of (A) adults and (B) chicks (results on w.w. basis).



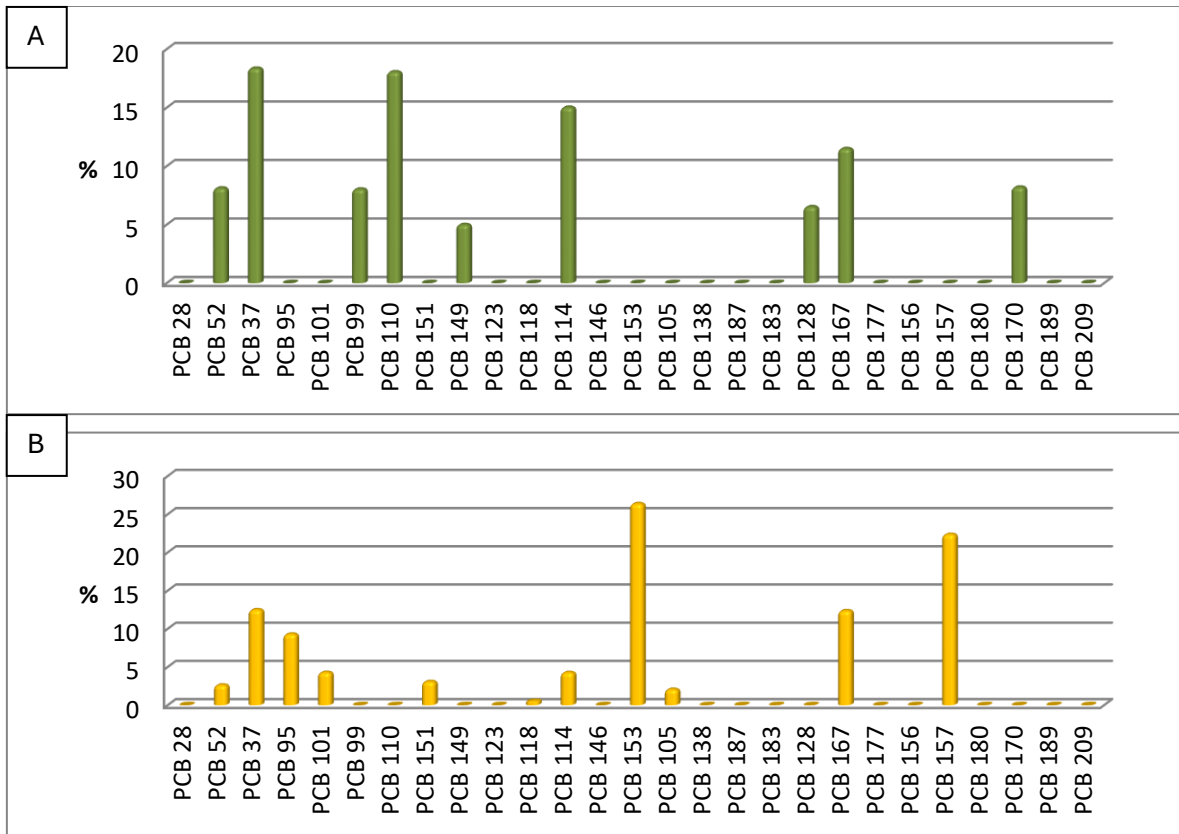
**Figure S2.** Fingerprints in kidney of (A) adults and (B) chicks (results on w.w. basis).



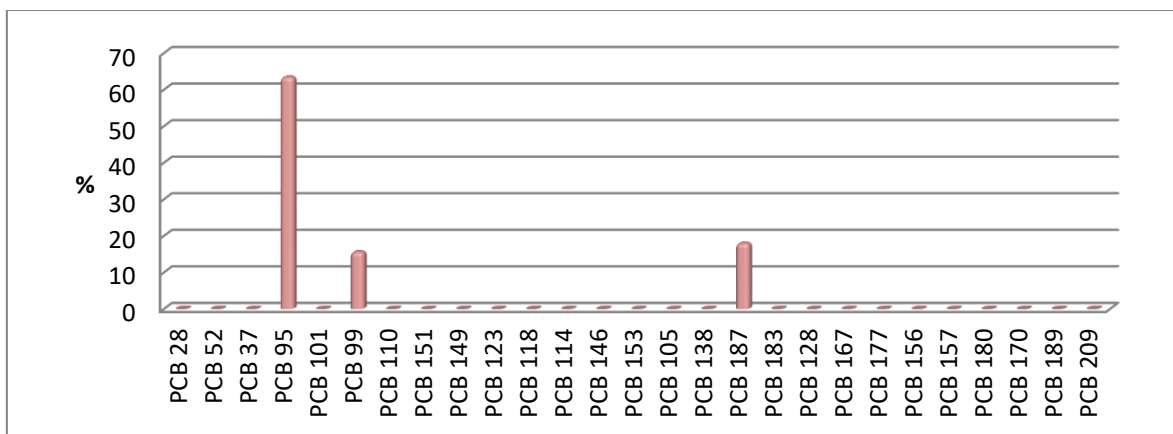
**Figure S3.** Fingerprints in muscle of (A) adults and (B) chicks (results on w.w. basis).



**Figure S4.** Fingerprints in heart of (A) adults and (B) chicks (results on w.w. basis).



**Figure S5.** Fingerprints in brain of (A) adults and (B) chicks (results on w.w. basis).



**Figure S6.** Fingerprints in krill (results on w.w. basis).

**Table S1.** PCB congeners studied in the works of Table 1.

PCB congeners	Reference
31, 44, 52, 77, 87, 101, 103, 105, 114, 118, 121, 128, 129, 137, 138, 141, 151, 153, 154, 156, 159, 170, 171, 180, 182, 183, PCB-185, 187, 189, 191, 195, 203, 205 and 207	[1]
138, 153 and 180	[2]
5, 8, 18, 31, 28, 33, 52, 49, 44, 74, 70, 66, 95, 84, 101, 99, 110, 77, 149, 118, 153, 105, 163, 138, 126, 187, 183, 128, 180, 200 and 194	[3]
138 and 153	[4]
99, 105, 118, 128, 138, 153, 170, 180, 183 and 87	[5]
77, 81, 126, 160, 118, 156 and 189	[6]
28, 31, 74, 95, 99, 101, 105, 110, 118, 128, 138, 149, 153, 156, 163, 170, 180, 183, 187, 194, 196 and 199	[7]
52, 99, 153 and 183	[8]
77, 81, 126, and 16	[9]
28, 52, 95, 101, 123, 118, 114, 153, 105, 138, 156, 157, 180 and 189	[10]
52, 101, 99, 149, 118, 153, 105, 138, 187, 183, 128, 156, 157, 180, 170,194 and 206	[11]
8, 52, 101, 118 + 149, 138, 153, and 180	[12]
8, 18, 28, 52, 44, 66, 101, 114, 105, 123,118, 153, 138, 187, 128, 167, 156, 157, 180, 170, 189, 195 and 206	[13]
8, 18, 26, 28, 44, 49, 50, 52, 66, 87, 101, 105, 110, 118, 128, 138/160, 149, 151, 153, 157, 173, 180, 183, 187, 194 and 195	[14]
8/5, 18, 29, 28/31, 52, 44, 66/95, 101/90, 87/115, 118, 153/132, 105, 138/160, 187, 128, 180, 170/190, 195/208, 206 and 209	[15]
8, 44, 52, 101, 118, 128, 138, 153, 180 and 187	[16]
8, 18, 28, 31, 33, 44, 49, 52, 56, 60, 66, 70, 74, 77, 87, 95, 97, 99, 101, 105, 110, 114, 118, 123, 126, 128, 132, 138, 141, 149, 151, 153, 156, 157, 158, 167, 169, 170, 174, 177, 180, 183, 187, 189, 194, 195, 199, 201, 203, 206 and 209	[17]
138, 153, 170, 180, 183 and 187	[18]
8, 18, 31, 28, 33, 52, 49, 44, 74, 70, 66, 95, 56/60, 101, 99, 97, 81, 87, 77, 110, 151, 123, 149, 118, 114, 153, 132, 105, 141, 138, 158, 126, 187, 183, 128, 167, 174, 177, 156, 157, 180, 169, 170, 199, 203, 189, 195, 194, 206 and 209	[19]
18, 52, 44, 101, 118, 153, 138, 187, 128 and 180	[20]

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118, 138, 153 and 180	[21]
-	[22]
151, 149, 118, 146, 153, 141,138, 128, 174, 181,183, 177, 156, 171,202, 180, 199, 201,195, 170, 196, 194, and 206	[23]
81, 77, 126, 169, 105, 114, 118, 123, 156,157, 167, 189, 170 and 180	[24]
31/28, 21/20/33, 22, 52, 49, 48/47/75, 74, 70, 66/80, 101, 99, 123, 118, 105, 139/149, 146, 153/168, 164/163, 138, 156, 187/182, 183, 177, 172, 180/193 and 189	[25]
28, 20/33, 22, 52, 49, 48, 74, 70, 66, 101, 99, 123,118,114, 105, 149, 146, 153, 164, 138, 167, 156, 157, 178, 187, 183, 177, 172, 180, 170 and 189	[26]
118, 138, 153 and 180	[27]
28, 52, 77, 81, 101, 105, 114, 118, 123, 126, 138, 153, 156, 157, 167, 169, 18 and 189	[28]
28, 52, 77, 101, 118, 126, 138, 153, 169, and 180	[29]
28, 52, 101, 105, 118, 138, 153, 156, 180 and 209	[30]
77, 81, 105, 114, 118, 123, 126, 156, 157, 167, 169 and 189	[31]
8,18,28, 31, 33, 44, 49, 52, 56, 60, 66, 70, 74, 77, 81, 87, 95, 97, 99, 101, 105, 110, 114, 118, 123, 126, 128, 132, 138, 141, 149, 151, 153, 156, 157, 158, 167, 169, 170, 174, 177, 180, 183, 187, 189, 194, 195, 201, 203, 206 and 209	[32]
101, 118, 138, 153, 180 and 194	[33]
28, 52, 101, 118, 138, 153 and 180	[34]
4, 7, 20, 24, 28, 33, 34, 40, 42, 44, 52, 60, 70, 83, 85, 99, 101, 102, 105, 110, 118, 128, 133, 134, 137, 138, 141, 151, 153, 156, 70, 172, 174, 176, 177, 178, 180, 183, 187, 194,195,196, 201, 206 and 207	[35]
28, 31, 44, 45, 52, 66, 77/110, 87, 97, 101/90, 107/108, 118, 128, 132/105, 138/163/164, 141, 146, 149, 151, 153, 170, 174, 177, 179, 180, 183, 187/182, 194, 196 and 206	[36]
28, 52, 101, 118, 138, 153 and 180	[37]
8/5, 18, 28, 52, 44, 66/95, 90/101, 110/77, 149/106, 118, 132/153, 105, 138/160, 187, 128, 180, 170/190 and 206	[38]
28, 52, 101, 105, 118, 138, 153, 156, 180 and 209	[39]
18, 28, 31, 44, 52, 99, 101, 146, 149, 118, 153, 138, 163, 180, 170 and 194	[40]
Aroclor 1254 and Aroclor 1260	[41]

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