PCB Status

Aroclor 1254, 1260 are the ones now found, ie more Cl, more stable

Fish dont readily metabolize higher cl cpds

Doesnt clear from fish body – even on fasting such that body wt ↓

↳ t½ to clear is 1.76 yr.

But egg laying does rid body – accumulating in eggs or in sperm

Same with mice – nearly all mothers PCB is transferred to litter via milk

Was also duplicated in human mother – substantial loss via milk

PCB level in freshwater fish – 1 ppm Avg 1974 – 1979 with no year by year change. Incidence is 93-98%

Lake trout, lake Mich. 16-20 ppm 1971-74 } clear, year by year decrease

8 " 78-79 }

2.6 " 1980 }

Bloaters, lake mich 6 ppm 1972 } steady decline year by year

2.2 1980 }

Thinks hi PCB sediment is being covered in lakes.

Limit in Canada is 2 ppm, U.S. 5 ppm for edible fish.

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