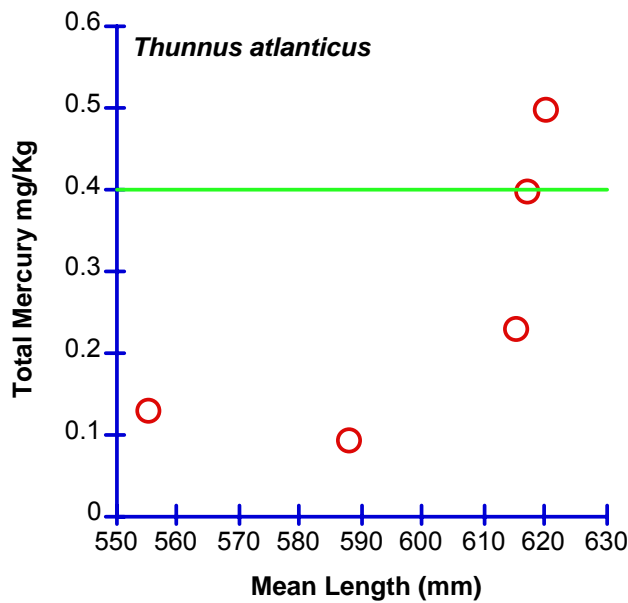


**Blackfin Tuna**  
*Thunnus atlanticus*

**Sample locations:** offshore

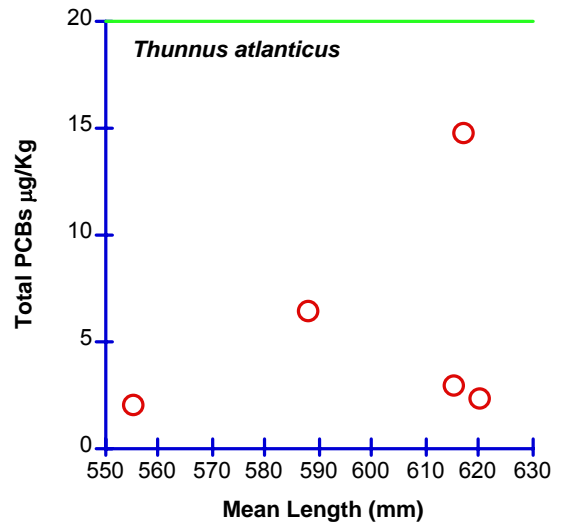
Five fish were sampled offshore. This limited sampling suggested bioaccumulation of both mercury and PCBs with size, with two of the larger fish exceeding the US EPA screening value for mercury content, although none of the fish (up to 62 cm) exceeded the PCB or TEQ thresholds.

**Mercury Content**

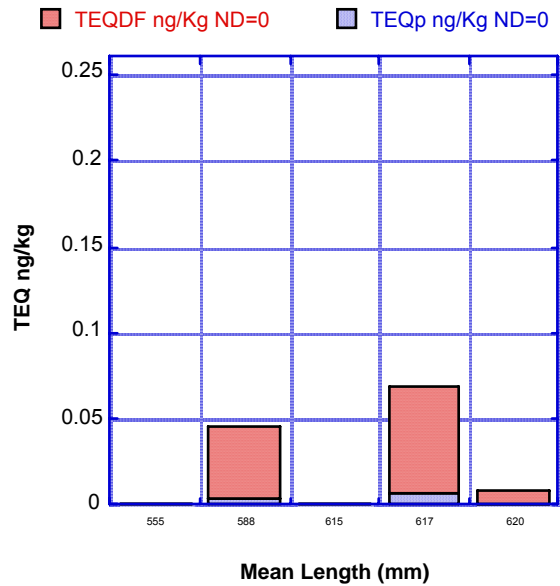


Green line: US EPA recreational consumption action limit at 0.40 mg/kg

**PCB Content**



Green line: US EPA recreational consumption action limit at 20 µg/kg. These fish were taken offshore.



Toxicity of PCB molecules as a Toxic Equivalency Quotient (TEQ). The US EPA recreational consumption action limit for TEQ is 0.256 ng/kg.

Location	n	Mean Length (mm)	% Lipids	TEQ <sub>DF</sub> ng/Kg ND=0	TEQ <sub>P</sub> ng/Kg ND=0	TEQ <sub>DFP</sub> ng/Kg ND=0	ΣPCBs ug/Kg	Hg mg/Kg	LAT	LONG
Offshore Ram Powell Rig	1	555	0.30		0.0010		2.140	0.13	29.0608	88.0917
Offshore Ram Powell Rig	1	588	0.20	0.0425	0.0035	0.0460	6.510	0.096	29.0608	88.0917
Offshore Ram Powell Rig	1	615	0.10		0.0013		2.930	0.23	29.0608	88.0917
Offshore Ram Powell Rig	1	617	0.30	0.0621	0.0071	0.0692	14.800	<b>0.4</b>	29.0608	88.0917
Offshore Ram Powell Rig	1	620	0.40	0.0076	0.0011	0.0087	2.430	<b>0.5</b>	29.0608	88.0917