


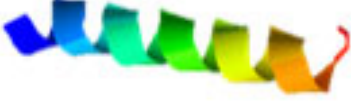
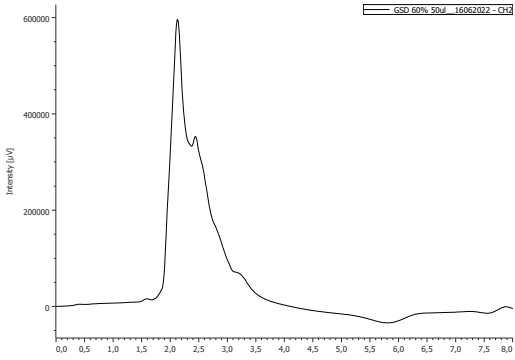
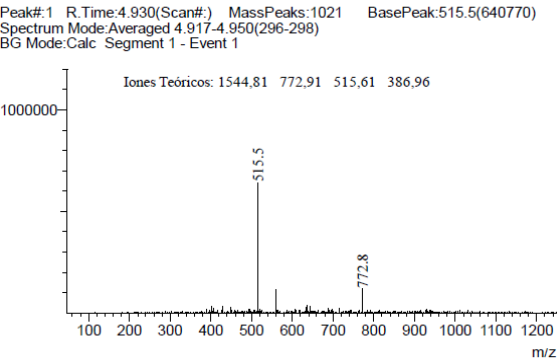
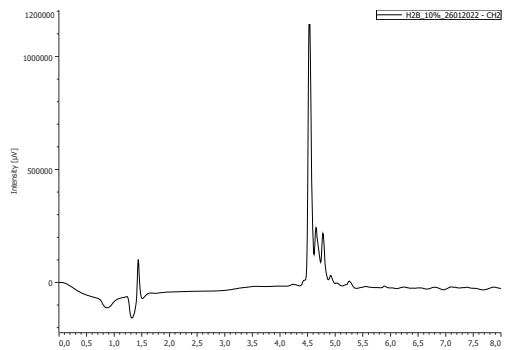
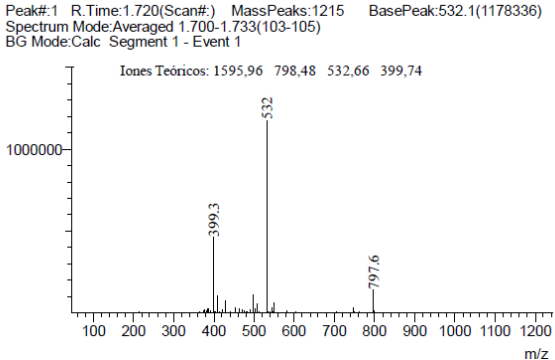
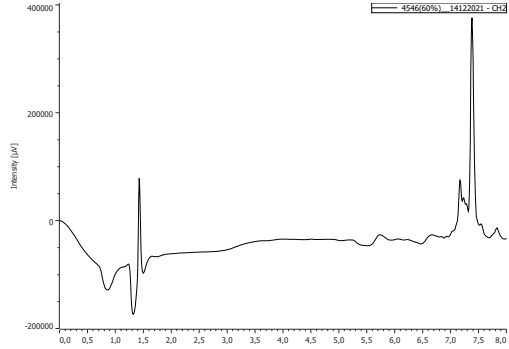
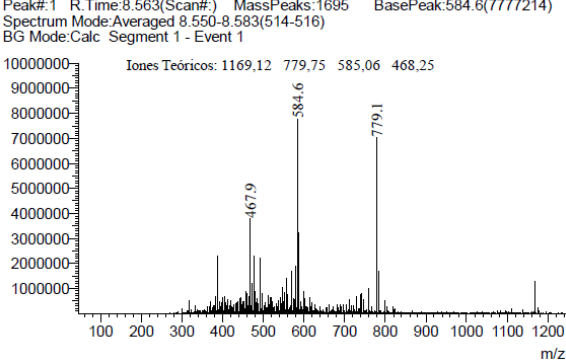
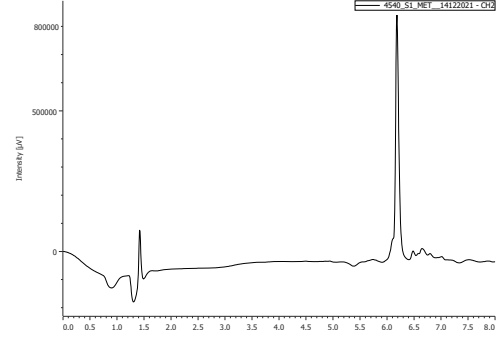
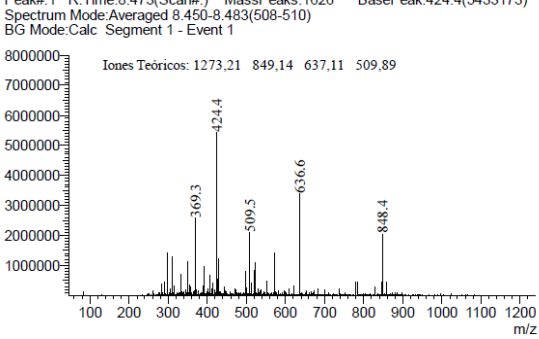


**Table S1:** Structure model prediction of salmonid antimicrobial peptides.

Peptide	Residue prediction*	3D model
GsD	<div>Sequence FIGGIISFFKRLF</div> <div>Prediction CCCHHHHHHHHHC</div>	
H2B	<div>Sequence VSEGTHAVTKYTSSK</div> <div>Prediction CCCCCSSSSSSCCCC</div>	
Epinecidin	<div>Sequence GFIFHIKGLFHAGKMIHGLV</div> <div>Prediction CCSSHHHHHHHCCCHHHCCC</div>	
Piscidin	<div>Sequence FFHHIFRGIVHVGKTIHKLVTG</div> <div>Prediction CHHHHHHHHHHCCCHHHHHHCC</div>	
Hepcidin	<div>Sequence LCRWCCNCCHNKGCGFCCKF</div> <div>Prediction CCHHHHCCCCCCCCSSSSCC</div>	Álvarez et al., 2014 (27)

\* The structural motifs are indicated as H, S, and C for  $\alpha$ -helix,  $\beta$ -sheet, and random coil, respectively.

**Table S2. Mass and purity of synthetic peptides**

Peptide	HPLC spectrum	ESI-MS Mass spectrum
GsD		
H2B		
Epinecidin		
Piscidin		
Hepcidin	Álvarez et al., 2014 (27)	Álvarez et al., 2014 (27)