

Abstract

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Fatty acid composition of wild and farmed Atlantic salmon (*Salmo salar*) and rainbow trout (*Oncorhynchus mykiss*).

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OBJECTIVE: The goal of this study was to examine the FA composition of wild and farmed Atlantic salmon (AS) and rainbow trout (RT).

METHODS: FA profiles were obtained by GC/FID.

RESULTS: Results showed that lipid and n-3 highly unsaturated FA contents of farmed and wild AS were similar. Total n-3 and n-6 PUFA were significantly higher in farmed AS than in wild AS. Farmed RT contained more fat and less n-3 PUFA than wild RT.

CONCLUSION: Our results show that farmed salmonids provide high levels of n-3 PUFA to consumers.

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